SAN FRANCISCO
PLANNING DEPARTMENT

Memo to the Planning Commission

HEARING DATE: NOVEMBER 3, 2016
Continued from the September 22, 2016 Hearing

1650 Mission St.
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San Francisco,
CA 94103-2479

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Date:	October 27, 2016
Case No.:	**2015-006856DRP-02**
Project Address:	**4320 24th Street**
Permit Application:	2015.05.14.6375
Zoning:	RH-2 [Residential House, Two-Family] 40-X Height and Bulk District
Block/Lot:	2829/030
Project Sponsor:	Karen Anderson Levy Art + Architecture 151 Potrero Avenue, Suite 200 San Francisco, CA 94103
Staff Contact:	Erika Jackson – (415) 588-6363 erika.jackson@sfgov.org
Recommendation:	**Do not take DR and approve the plans as proposed**

BACKGROUND

The Proposed Project, submitted on May 14, 2015, was to construct a new vertical third floor addition to the existing two-story building. The addition would increase the building height from 19 feet to 30 feet and would not expand the existing building footprint. The proposed third floor is setback 15 feet from the front property line.

The DR Applications were filed and reviewed by the Residential Design Team on August 25, 2016. The RDT determined that there are no exceptional or extraordinary circumstances associated with the Project. RDT supports the Project with one modification: the proposed metal siding (labeled as "flat lock metal panel") needs to be non-reflective. This change is reflected on the plans dated September 7, 2016. The plans dated September 7, 2016 also reflect changes made during negotiations with the adjacent neighbor and the DR requestor of one DR application. On September 9, 2016, the DR application filed by the adjacent neighbor was withdrawn based on these project revisions.

On September 22, 2016, the Planning Commission heard the Proposed Project and asked the Project Sponsor to consider the addition of a second unit.

CURRENT PROPOSAL

The proposal submitted to the Planning Department on October 20, 2016 includes the addition of a second unit on the ground floor. The addition of this unit complies with the General Plan and the Planning Code.

BASIS FOR RECOMMENDATION

The project as revised does not present any exceptional and extraordinary circumstances.

RECOMMENDATION:	**Do not take DR and approve the plans as proposed**

Attachments:
Revised Plans received 10/20/16
Reissued CEQA dated 10/21/16
Planning Commission Packet from hearing 09/22/16

ABBREVIATIONS

@	AT
℄	CENTERLINE
#	NUMBER
°	DEGREE(S)
ø	DIAMETER
±	PLUS or MINUS
A/C	AIR CONDITIONING
ACOUS.	ACOUSTICAL
AD	AREA DRAIN
ADJ.	ADJACENT
ADJS.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
ALT.	ALTERNATE
APPROX.	APPROXIMATE
ARCH.	ARCHITECT
BD	BOARD
BET.	BETWEEN
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOT.	BOTTOM
BU.	BUILT UP
CAB.	CABINET
CER.	CERAMIC
CIRC.	CIRCLE
CLG	CEILING
CLR.	CLEAR(ANCE)
CNTR	COUNTER
COL.	COLUMN
CONC.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CPT	CARPET
C.T.	CERAMIC TILE
CTR	CENTER
DEMO.	DEMOLITION
DET.	DETAIL
DF	DOUGLAS FIR
DIA.	DIAMETER
DIM.	DIMENSION
DN	DOWN
DS	DOWN SPOUT
DR.	DOOR
DWG	DRAWING
DWR	DRAWER
EA.	EACH
EL.	ELEVATOR
ELEV.	ELEVATION
ENCL.	ENCLOSE(URE)
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST.	ESTIMATE
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
FIN.	FINISH(ED)
F.F.	FINISH FLOOR
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.O.S.	FACE OF STUD(S)
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
FT	FOOT/FEET
FURR.	FURRED/FURRING
FUT.	FUTURE
GA.	GAGE
G.C.	GENERAL CONTRACTOR
GEN.	GENERAL
G.F.I.	GROUND FAULT INTERRUPT
GL.	GLASS/GLAZING
GYP.	GYPSUM
H.C.	HOLLOW CORE
HD	HEAD
HDR	HEADER
HDWR.	HARDWARE
HORIZ.	HORIZONTAL
HGT	HEIGHT
H.V.A.C.	HEATING VENTILATING AIR CONDITIONING
INSUL.	INSULATION
INT.	INTERIOR
JT	JOINT
JST	JOIST
KIT.	KITCHEN
KPL.	KICKPLATE
LAM.	LAMINATED
LVR.	LOUVER
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MFR	MANUFACTURE(R)
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MTD	MOUNTED
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S	NOT TO SCALE
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPP.	OPPOSITE
P.BD	PARTICLE BOARD
P-LAM.	PLASTIC LAMINATE
PLY WD	PLYWOOD
PNL	PANEL
REF.	REFERENCE
REFL.	REFLECTED
REFR	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCING
REQ.	REQUIRED
REV.	REVISION
RM	ROOM
R.O.	ROUGH OPENING
R.T.W.	RETAINING WALL
S.C.	SOLID CORE
S.E.	STRUCTURAL ENGINEERING
SECT.	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
STD	STANDARD
ST.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
T.B.D.	TO BE DETERMINED
TEL.	TELEPHONE
TEMP.	TEMPERED
T&G	TONGUE & GROOVE
THK.	THICKNESS
THRESH.	THRESHOLD
T.O.	TOP OF
T.V.	TELEVISION
TYP.	TYPICAL
UNFIN.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
VCT	VINYL COMPOSITE. TILE
VEN.	VENEER
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
WH	WATER HEATER
W.P.	WATER PROOF
WD	WOOD
WT	WEIGHT

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH, UNLESS OTHERWISE NOTED.

2. CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS TO COORDINATE WITH EXISTING BUILDING CONDITIONS. ANY VARIANCES AND / OR DISCREPANCIES THAT ARISE IN THE ABOVE REVIEW SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

3. DISCREPANCIES IN DIMENSION OR LAYOUT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.

4. DO NOT SCALE DRAWINGS!

5. DESIGN AND CONSTRUCTION SHALL CONFORM TO ALL GOVERNMENT CODES AND ORDINANCES:
2013 CALIFORNIA & SAN FRANCISCO CODES, INCLUDING BUILDING, ELECTRICAL, MECHANICAL, PLUMBING, ENERGY, AND PLANNING.

6. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, ADJUSTED, AND CONDITIONED AS DIRECTED BY THE MANUFACTURER UNLESS HEREIN SPECIFIED TO THE CONTRARY.

7. ALL MATERIALS SHALL BE NEW AND UNUSED, UNLESS OTHERWISE NOTED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT. ALL WORK SHALL BE DONE IN A THOROUGH, WORKMANLIKE MANNER COMPLYING WITH ALL APPLICABLE CODES AND ORDINANCES. WORKMANSHIP SHALL BE EQUAL TO THE BEST STANDARDS OF PRACTICE.

8. ALL DIMENSIONS NOTED "VERIFY" SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REPORTED TO THE ARCHITECT.

9. FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.

10. ELECTRICAL SUBCONTRACTOR SHALL FURNISH AND INSTALL, COMPLETE, ALL MATERIALS, EQUIPMENT AND LABOR AS SHOWN AND IS NECESSARY FOR A COMPLETE WORKABLE SYSTEM. ALL MATERIALS SHALL BE NEW AND FREE FROM ANY DEFECTS. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES.

11. EXHAUST SYSTEM SHALL CONFORM TO ALL GOVERNMENT CODES AND ORDINANCES.

12. MECHANICAL SUBCONTRACTOR SHALL PERFORM ALL TESTING REQUIRED BY CODES.

13. ELECTRICAL AND PLUMBING CONTRACTORS ARE RESPONSIBLE FOR FOR THE FILING OF THEIR OWN PERMITS.

14. THE BUILDING, ITS GROUNDS AND THE NEIGHBORING BUILDINGS, PROPERTIES AND STREET SHALL BE PROTECTED FROM ANY DAMAGE THAT MAY OCCUR DUE TO THIS WORK. ANY DAMAGES THAT OCCUR ARE THE FINANCIAL RESPONSIBILITY OF THE GENERAL CONTRACTOR.

15. ALL WASTE AND REFUSE CAUSED BY THE WORK SHALL BE REMOVED FROM THE PREMISES AND DISPOSED OF BY THE CONTRACTOR. THE PREMISES SHALL BE LEFT CLEAN AND CLEAR TO THE SATISFACTION OF THE ARCHITECT.

16. GENERAL CONTRACTOR GUARANTIES ALL MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION.

CAL GREEN BUILDING STANDARDS CODE

CAL GREEN REQUIRED MEASURES - THE CA GREEN BUILDING CODE (TITLE 24 PART 11) REQUIRES:
1. INDOOR AIR QUALITY MANAGEMENT DURING CONSTRUCTION - DUCT OPENINGS AND AIR DISTRIBUTION COMPONENT OPENINGS MUST COVERED DURING ALL PHASES OF CONSTRUCTION. TAPE, PLASTIC, SHEET METAL OR OTHER ACCEPTABLE METHODS MAY BE USED TO REDUCE THE AMOUNT OF WATER, DUST, AND DEBRIS ENTERING THE SYSTEM.

2. SMART IRRIGATION CONTROLLER - AUTOMATICALLY ADJUST IRRIGATION BASED ON WEATHER AND SOIL MOISTURE. CONTROLLERS MUST HAVE EITHER AN INTEGRAL OR SEPARATE RAIN SENSORS THAT CONNECTS OR COMMUNICATES WITH THE CONTROLLER.

3. INDOOR WATER EFFICIENCY - PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH THE FOLLOWING: WATER CLOSETS ≤ 1.28 GAL/FLUSH; URINALS ≤ 0.5 GAL/FLUSH, SHOWERHEADS ≤ 2.0 GPM @ 80 PSI; RESIDENTIAL LAVATORY FAUCET ≤ 1.5 GPM; LAVATORY FAUCETS IN COMMON AND PUBLIC USE AREAS ≤ 0.5 GPM @ 60 PSI; METERING FAUCETS ≤ 0.25 GAL/CYCLE; AND KITCHEN FAUCETS ≤ 1.8 GPM @ 60 PSI (TEMPORARY INCREASE TO 2.2 GPM ALLOWED, BUT MUST DEFAULT TO < 1.8 GPM).

4. BATHROOM EXHAUST FANS - MUST BE ENERGY STAR COMPLIANT, DUCTED TO TERMINATE OUTSIDE THE BUILDING, AND CONTROLLED BY HUMIDISTAT CAPABLE OF ADJUSTMENT BETWEEN RELATIVE HUMIDITY OF LESS THAN 50% TO MAXIMUM OF 80%. HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT FROM THE EXHAUST FAN.

5. LOW-VOC WALL/CEILING PAINTS - CARB VOC LIMITS (CAL GREEN TABLE 4.504.3)

6. LOW-VOC AEROSOL PAINTS AND COATING - MEET BAAQMD VOC LIMITS (REGULATION 8, RULE 49) AND PRODUCT-WEIGHTED MIR LIMITS FOR ROC (CCR TITLE 17, SECTION 94520)

7. LOW-VOC CAULKS, CONSTRUCTION ADHESIVES, AND SEALANTS - MEET SCAQMD RULE 1168, SEE CAL GREEN TABLES 4.504.1 AND 4.504.2.

8. LOW-EMITTING COMPOSITE WOOD - MEET CALIFORNIA AIR RESOURCES BOARD AIRBORNE TOXIC CONTROL MEASURE FORMALDEHYDE LIMITS FOR COMPOSITE WOOD. SEE CAL GREEN TABLE 4.504.5

9. LOW-EMITTING FLOORING: ALL CARPET SYSTEMS, CARPET CUSHION, CARPET ADHESIVE, AND AT LEAST 80% OF RESILIENT FLOORING MUST BE LOW-EMITTING.

10. OPERATIONS AND MAINTENANCE MANUALS AND TRAINING - PROVIDE O&M MANUAL TO BUILDING MAINTENANCE STAFF DUE AT THE TIME OF FINAL INSPECTION.

11. SURFACE DRAINAGE: CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE SURFACE WATER FLOWS.

12. PEST PROTECTION - ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE CLOSED WITH CEMENT MORTAR, CONCRETE MASONRY, OR A SIMILAR METHOD ACCEPTABLE TO DBI FOR PROTECTION AGAINST RODENTS.

13. FIREPLACES AND WOODSTOVES - INSTALL ONLY DIRECT-VENT OR SEALED-COMBUSTION APPLIANCES; COMPLY WITH US EPA PHASE II LIMITS.

14. CAPILLARY BREAK FOR CONCRETE SLAB ON GRADE - CONCRETE SLAB ON GRADE FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER MUST ALSO HAVE A CAPILLARY BREAK, INCLUDING AT LEAST ONE OF THE FOLLOWING: 1) A 4" THICK BASE OF ¾" OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN WHICH WILL ADDRESS BLEEDING, SHRINKAGE AND CURLING SHALL BE USED. FOR ADDITIONAL INFORMATION, SEE AMERICAN CONCRETE INSTITUTE, ACI 302.2R06. 2) A SLAB DESIGN SPECIFIED BY A LICENSED DESIGN PROFESSIONAL.

15. MOISTURE CONTENT OF BUILDING MATERIALS - VERIFY WALL AND FLOOR FRAMING DOES NOT EXCEED 19% MOISTURE CONTENT PRIOR TO ENCLOSURE. MATERIALS WITH VISIBLE SIGNS OF MOISTURE DAMAGE SHALL NOT BE INSTALLED. MOISTURE CONTENT SHALL BE VERIFIED IN COMPLIANCE WITH THE FOLLOWING: 1) MOISTURE CONTENT SHALL BE DETERMINED WITH EITHER A PROBE-TYPE OR A CONTACT-TYPE MOISTURE METER. EQUIVALENT MOISTURE VERIFICATION METHODS MAY BE APPROVED BY THE ENFORCING AGENCY AND SHALL SATISFY REQUIREMENTS IN SECTION 101.8. 2) MOISTURE READINGS SHALL BE TAKEN AT A POINT 2 FEET TO 4 FEET FROM GRADE-STAMPED END OF EACH PIECE TO BE VERIFIED. 3) AT LEAST THREE RANDOM MOISTURE READINGS SHALL BE PERFORMED ON WALL AND FLOOR FRAMING WITH DOCUMENTATION ACCEPTABLE TO THE ENFORCING AGENCY PROVIDED AT THE TIME OF APPROVAL TO ENCLOSE THE WALL AND FLOOR FRAMING. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. MANUFACTURERS' DRYING RECOMMENDATIONS SHALL BE FOLLOWED FOR WET-APPLIED INSULATION PRODUCTS PRIOR TO ENCLOSURE.

16. HVAC INSTALLER QUALIFICATIONS - HVAC SYSTEM INSTALLERS MUST BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS, SUCH AS VIA A STATE CERTIFIED APPRENTICESHIP PROGRAM, PUBLIC UTILITY TRAINING PROGRAM (WITH CERTIFICATION AS INSTALLER QUALIFICATION), OR OTHER PROGRAM ACCEPTABLE TO THE DEPARTMENT OF BUILDING INSPECTION.

SAN FRANCISCO GREEN BUILDING CODE

1. CONSTRUCTION AND DEMOLITION DEBRIS DIVERSION - 100% OF MIXED DEBRIS MUST BE TRANSPORTED BY A REGISTER HAULER TO A REGISTER FACILITY AND BE PROCESSED FOR RECYCLING.

2. RECYCLING BY OCCUPANTS: PROVIDE ADEQUATE SPACE AND EQUAL ACCESS FOR STORAGE, COLLECTION AND LOADING OF COMPOSTABLE, RECYCLABLE AND LANDFILL MATERIALS.

3. CONSTRUCTION SITE RUNOFF POLLUTION PREVENTION - PROVIDE A CONSTRUCTION SITE STORMWATER POLLUTION PREVENTION PLAN AND IMPLEMENT SFPUC BEST MANAGEMENT PRACTICES.

4. STORMWATER CONTROL PLAN - PROJECTS DISTURBING ≥ 5,000 SF OF GROUND SURFACE MUST IMPLEMENT A STORMWATER CONTROL PLAN MEETING SFPUC STORMWATER DESIGN GUIDELINES.

5. WATER EFFICIENT IRRIGATION - PROJECTS THAT INCLUDE 1,000 SF OR MORE OF NEW OR MODIFIED LANDSCAPE MUST COMPLY WITH THE SAN FRANCISCO WATER EFFICIENT IRRIGATION ORDINANCE.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- PROPOSED WALL
- FIRE RATED WALL (1-HOUR U.O.N.)
- (1) DOOR SYMBOL
- (13) WINDOW SYMBOL
- 1 REVISION
- PL PROPERTY LINE
- A REFERENCE GRID LINE
- 3 / A6 SECTION REFERENCE / SHEET NUMBER
- 2 / A6 DETAIL REFERENCE / SHEET NUMBER

PROJECT DATA

OWNER:	ANDY CHARMATZ & SARA WITT 3635 20TH STREET SAN FRANCISCO, CA 94110 415-830-1110
ARCHITECT:	LEVY ART & ARCHITECTURE INC 151 POTRERO AVE #200 SAN FRANCISCO, CA 94103 415-641-7320 FAX: 415-641-1710
PROJECT ADDRESS:	4320 24TH STREET SAN FRANCISCO, CA 94114
ASSESSOR'S BLOCK:	2829 LOT 030
ZONING:	RH-2
OCCUPANCY:	R3
TYPE CONSTRUCTION:	V B
ALLOW. BLDG HGT:	3 STORY — PER TABLE 503 OF THE 2013 CBC
ALLOW. BLDG AREA:	UNLIMITED
EXIST STORY / BASEMENT:	2 STORY / 0 BASEMENT
PROPOSED STORY / BASEMENT:	3 STORY / 0 BASEMENT
NO. OF UNITS:	EXISTING = 1 (PROPOSED = 2) 4

BUILDINGS EQUIPPED THROUGHOUT TO NFPA 13R WITH AUTO. SPRINKLER SYSTEM IN ACCORDANCE W/ CBC SECT 903.3.1.2

PROJECT DESCRIPTION:

RENOVATION OF (E) SINGLE FAMILY DWELLING, INCLUDING:

1. (N) 3RD STORY VERTICAL ADDITION W/ 3 BEDROOMS AND 2 BATHS

2. EXPAND WIDTH OF (E) 1ST STORY ROOM AND DECK IN REAR

3. INTERIOR REMODEL OF (E) FLOORS

4. STRUCTURAL WORK AS REQ'D

5. (N) 2ND DWELLING UNIT 4

6. FIRE SPRINKLER, PLUMBING & ELECTRICAL WORK (VIA SEPARATE PERMIT)

BUILDING AREA:

CONDITIONED AREA	EXISTING	PROPOSED
FIRST FLOOR:	1039 SF	855 SF
SECOND FLOOR:	1360 SF	1434 SF
THIRD FLOOR:	0 SF	1015 SF
TOTAL:	2399 SF	3304 SF
INCREASE IN AREA:		+905 SF
UNCONDITIONED AREA		
GARAGE:	401 SF	715 SF
DECK:	108 SF	381 SF

3 4

UNIT AREA	EXISTING	PROPOSED
UNIT A (UPPER):	2399 SF	2634 SF
UNIT B (LOWER):	0 SF	665 SF

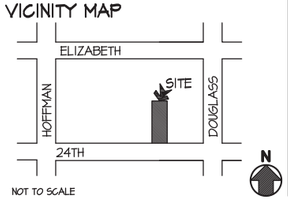
OCCUPANT LOAD CALC 3

FLOOR AREA:		O.L. FACTOR	O.L.
1ST STORY			
DWELLING GROSS	770 SF	200	3
2ND STORY			
DWELLING GROSS	1350 SF	200	6
3RD STORY			
DWELLING GROSS	954 SF	200	4
		TOTAL	13

SHEET INDEX

A0.1	PROJECT DATA & NOTES
A0.2	EXISTING & PROPOSED SITE PLAN
A1.1	EXISTING 1ST & 2ND FLOOR PLANS
A1.2	EXISTING ROOF PLAN
A1.3	EXISTING SOUTH & EAST ELEVATIONS
A1.4	EXISTING NORTH & WEST ELEVATIONS
A2.1	PROPOSED 1ST & 2ND FLOOR PLANS
A2.2	PROPOSED 3RD FLOOR & ROOF PLANS
A3.1	PROPOSED SOUTH ELEVATION
A3.2	PROPOSED EAST ELEVATION
A3.3	PROPOSED NORTH ELEVATION
A3.4	PROPOSED WEST ELEVATION
A4.1	PROPOSED BUILDING SECTION A-A
A4.2	PROPOSED BUILDING SECTION B-B

VICINITY MAP



REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA
4	10.18.2016 DR - 2ND UNIT	KMA

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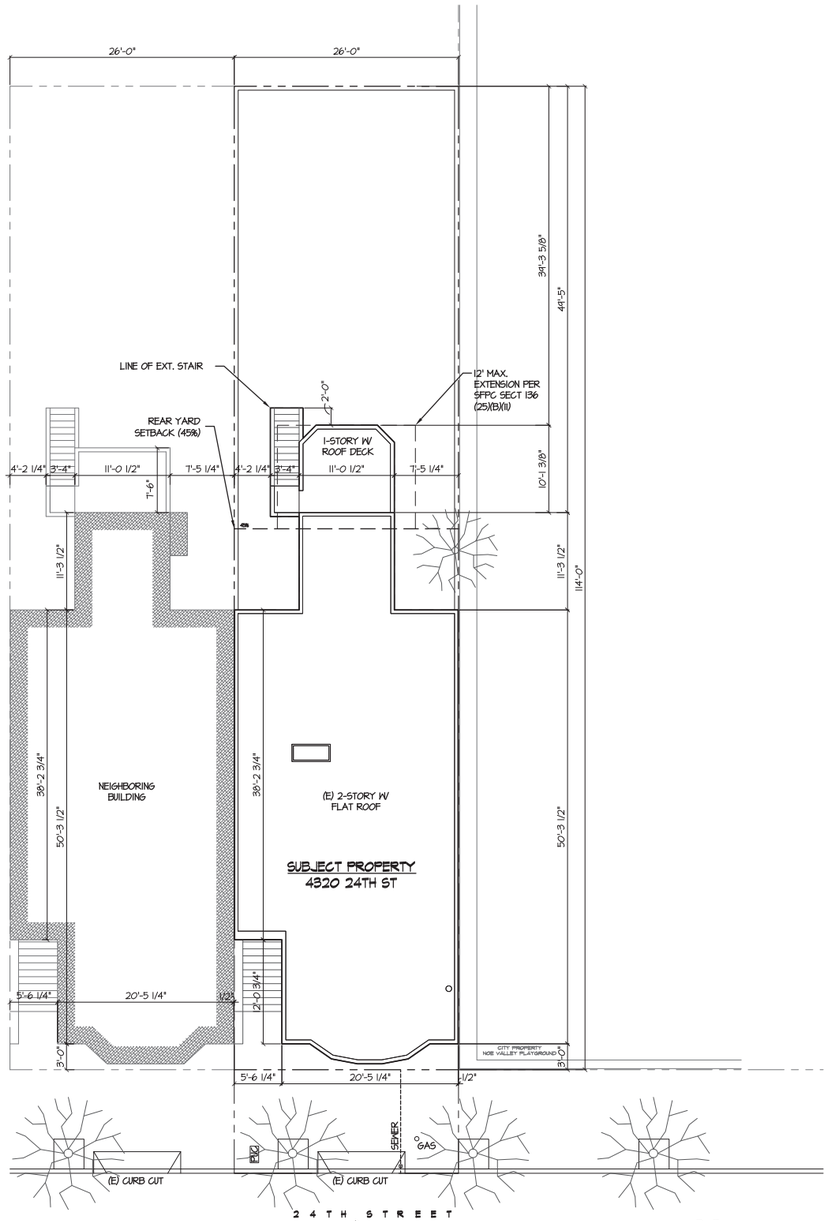
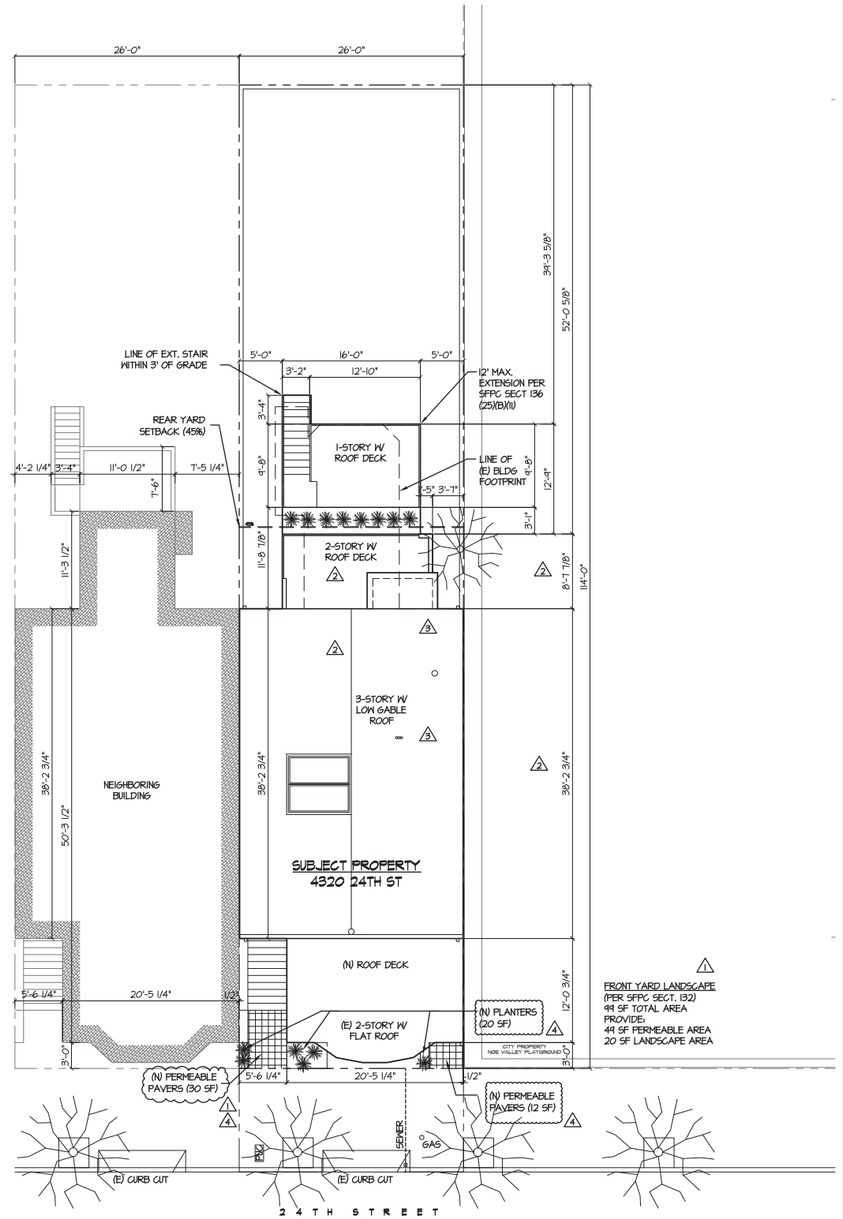
LICENSED ARCHITECT ROSS H LEVY C 25660 10/31 2016 RENEWAL STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROJECT DATA & SITE PLAN
Date:	10.18.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A0.1



1 EXISTING SITE PLAN
SCALE: 1/8" = 1'-0"



2 PROPOSED SITE PLAN
SCALE: 1/8" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA
4	10.18.2016 DR - 2ND UNIT	KMA

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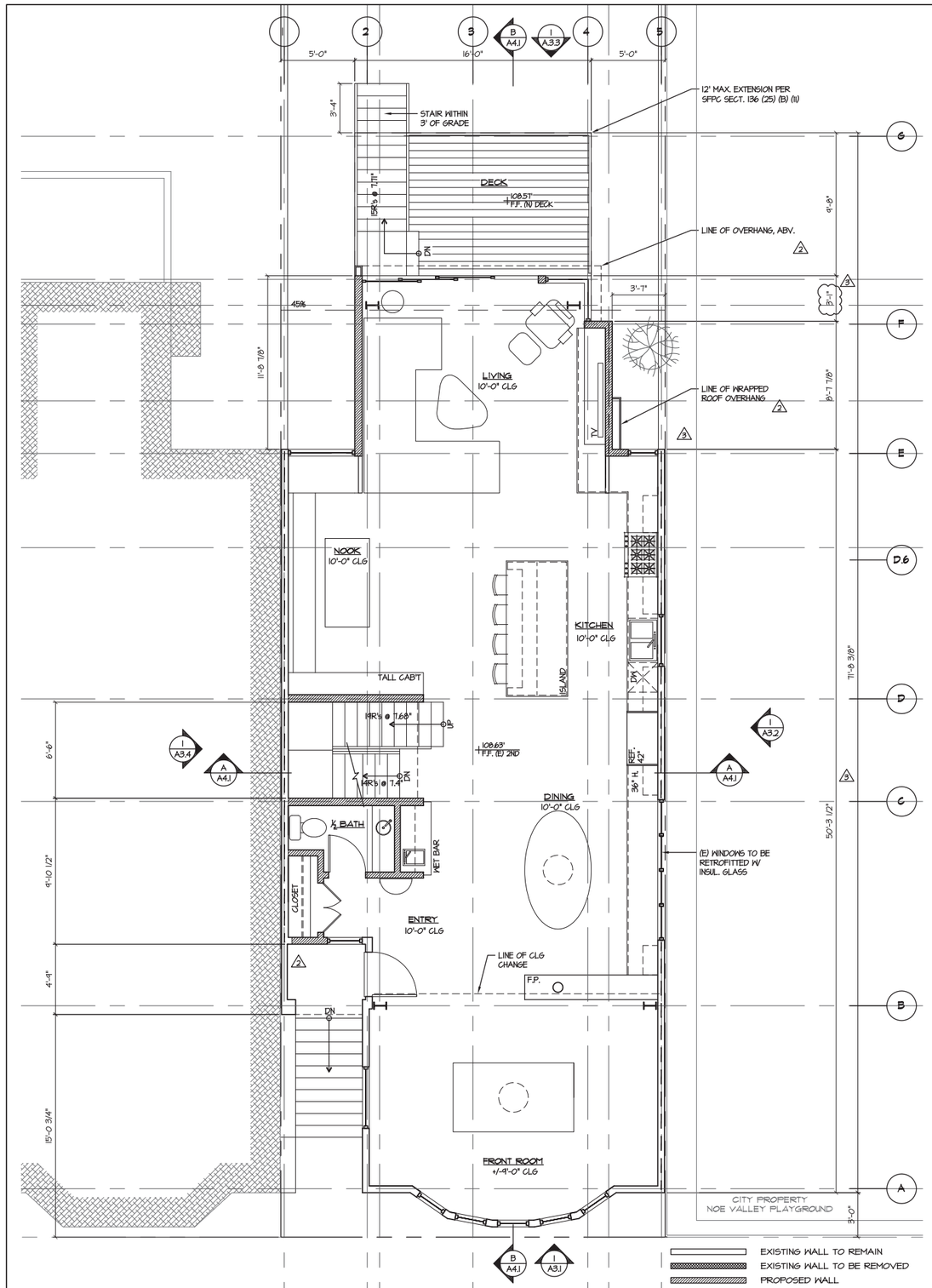
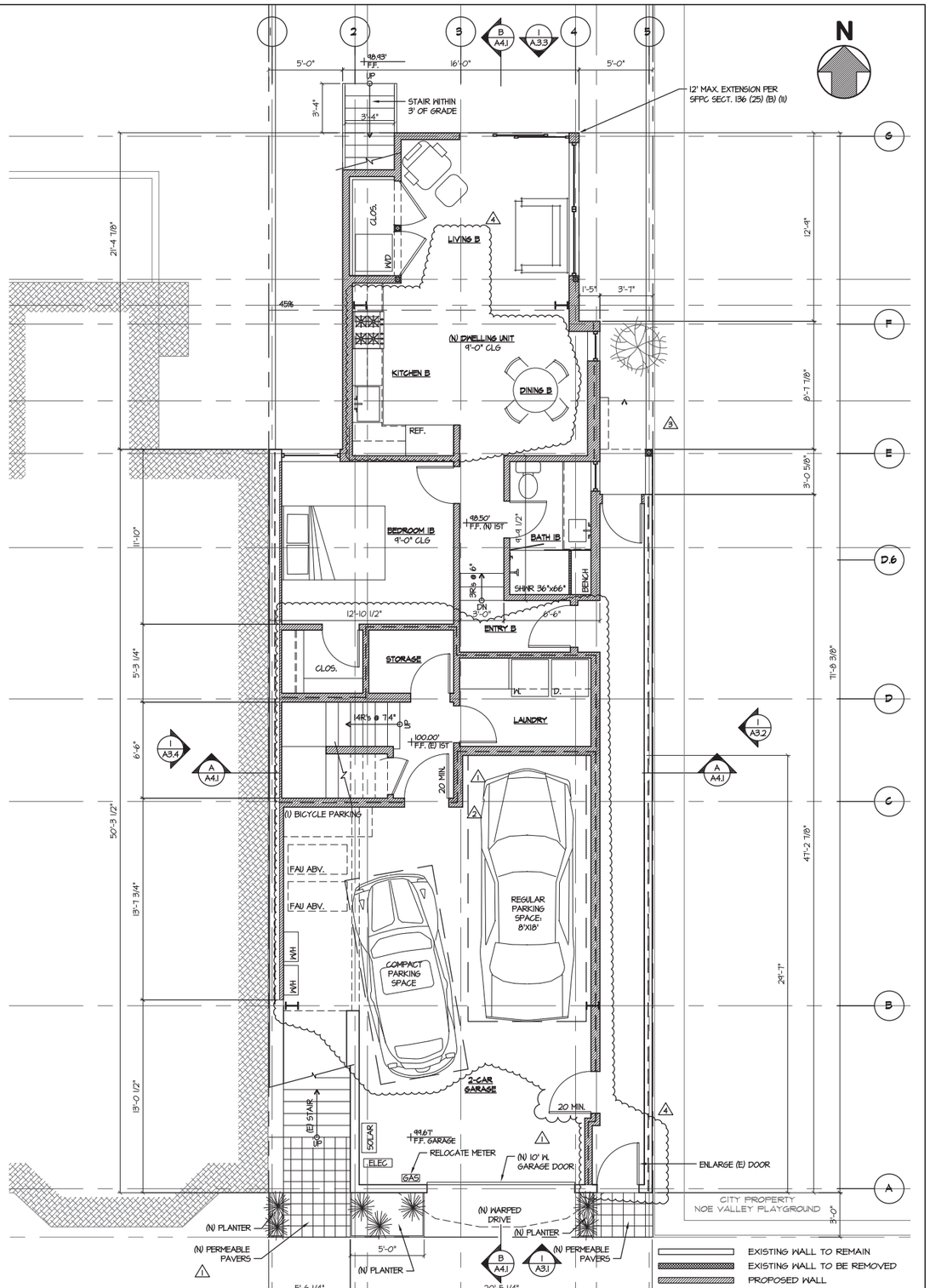
LICENSED ARCHITECT
ROSS M LEVY
C 25660
12/17
REN DATE
STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description: SITE PLANS
Date: 10.18.2016 SITE PERMIT
Scale: AS NOTED
Drawn: KMA
Job: WITT
Sheet: A0.2





REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA
4	10.18.2016 DR - 2ND UNIT	KMA

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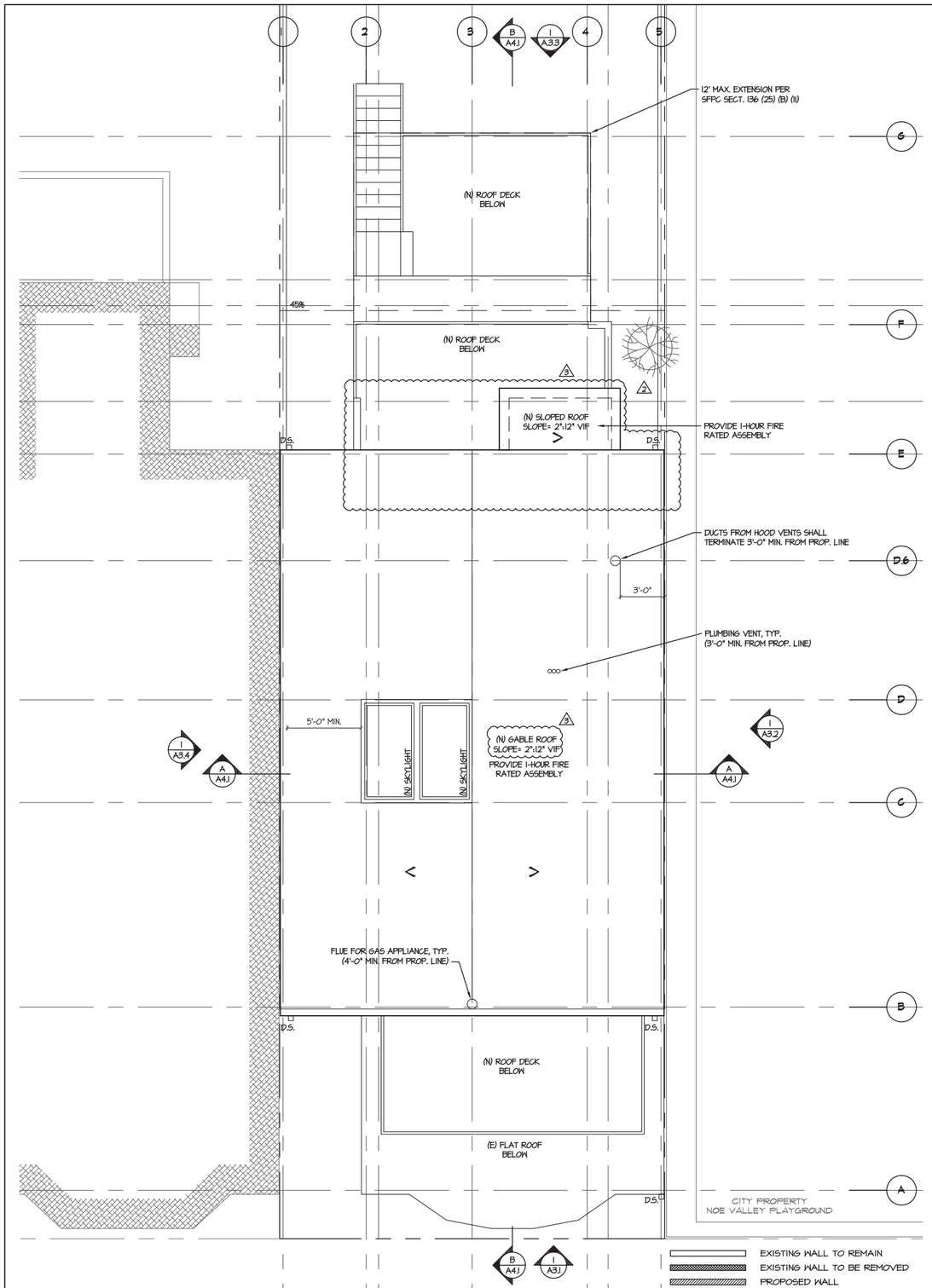
LICENSED ARCHITECT
ROSS M LEVY
C 25660
3.31.17
REN DATE
STATE OF CALIFORNIA

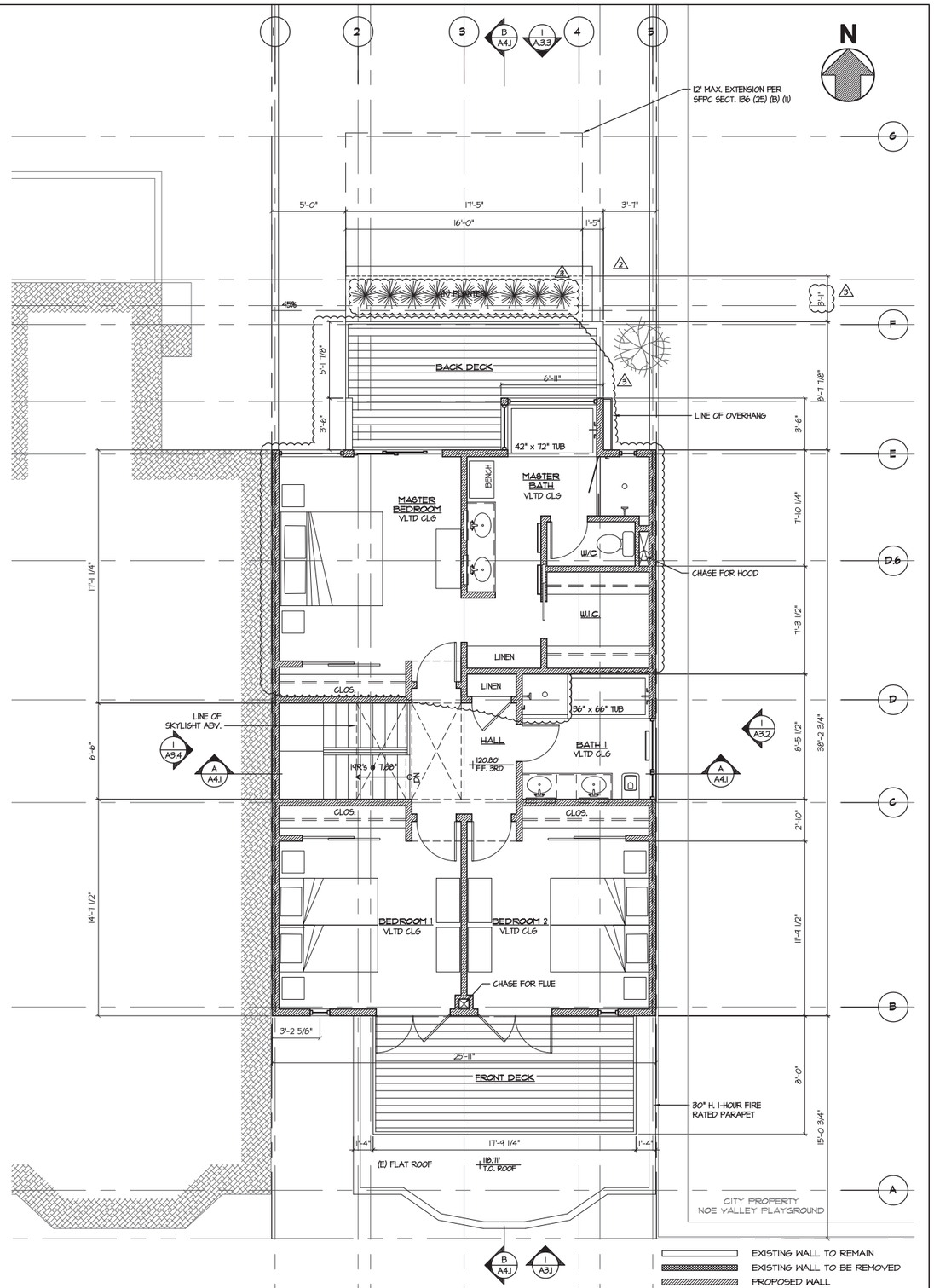
Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROPOSED FLOOR PLANS
Date:	10.18.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A2.1



2 PROPOSED ROOF PLAN

SCALE: 1/4" = 1'-0"



1 PROPOSED THIRD FLOOR PLAN

SCALE: 1/4" = 1'-0"

REVISIONS		BY
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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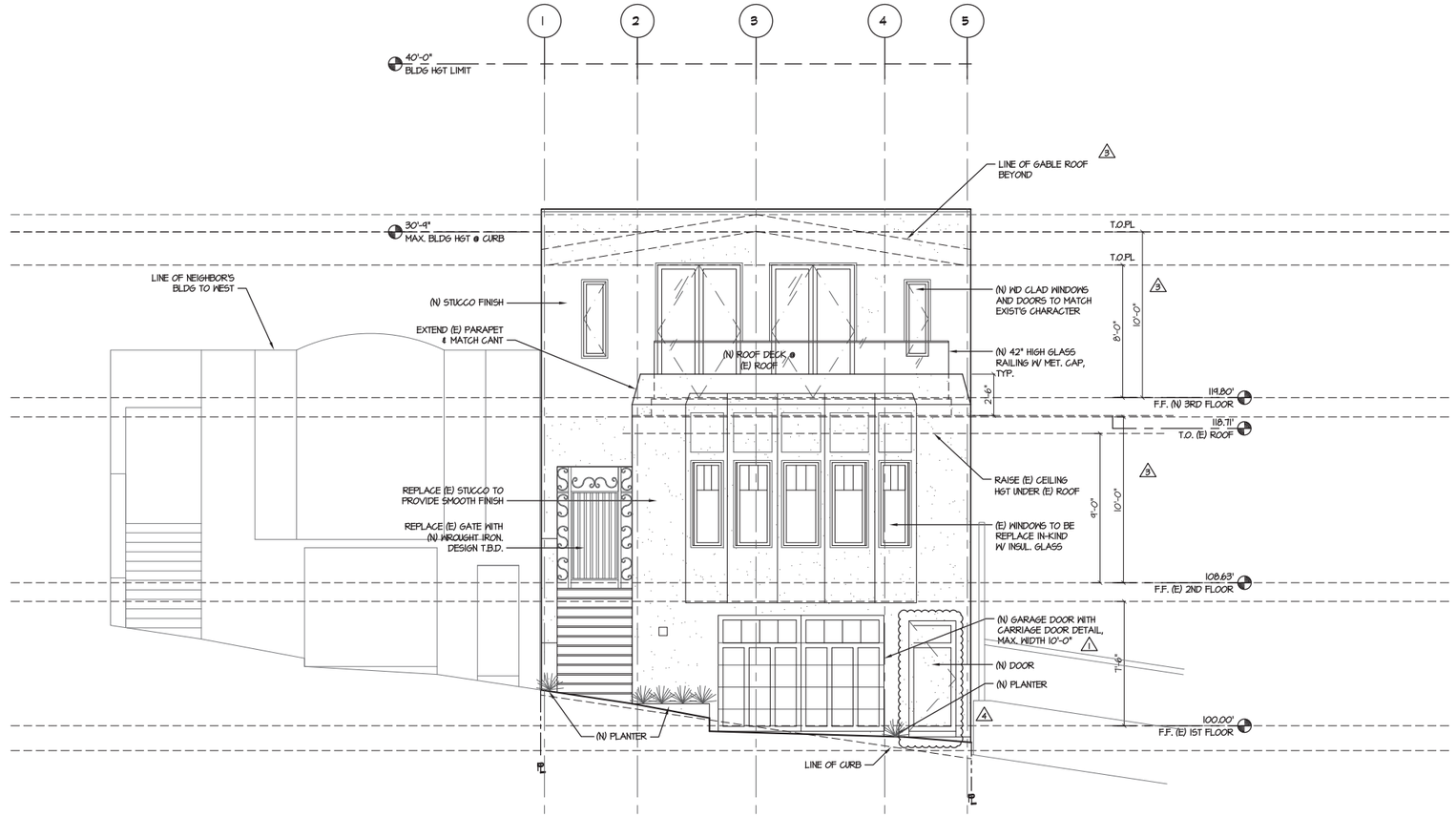
LICENSED ARCHITECT ROSS M LEVY C 25660 RENEWAL DATE STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROPOSED FLOOR PLANS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A2.2



1 PROPOSED SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
3	06.06.2016 DR	KMA
4	10.18.2016 DR - 2ND UNIT	KMA

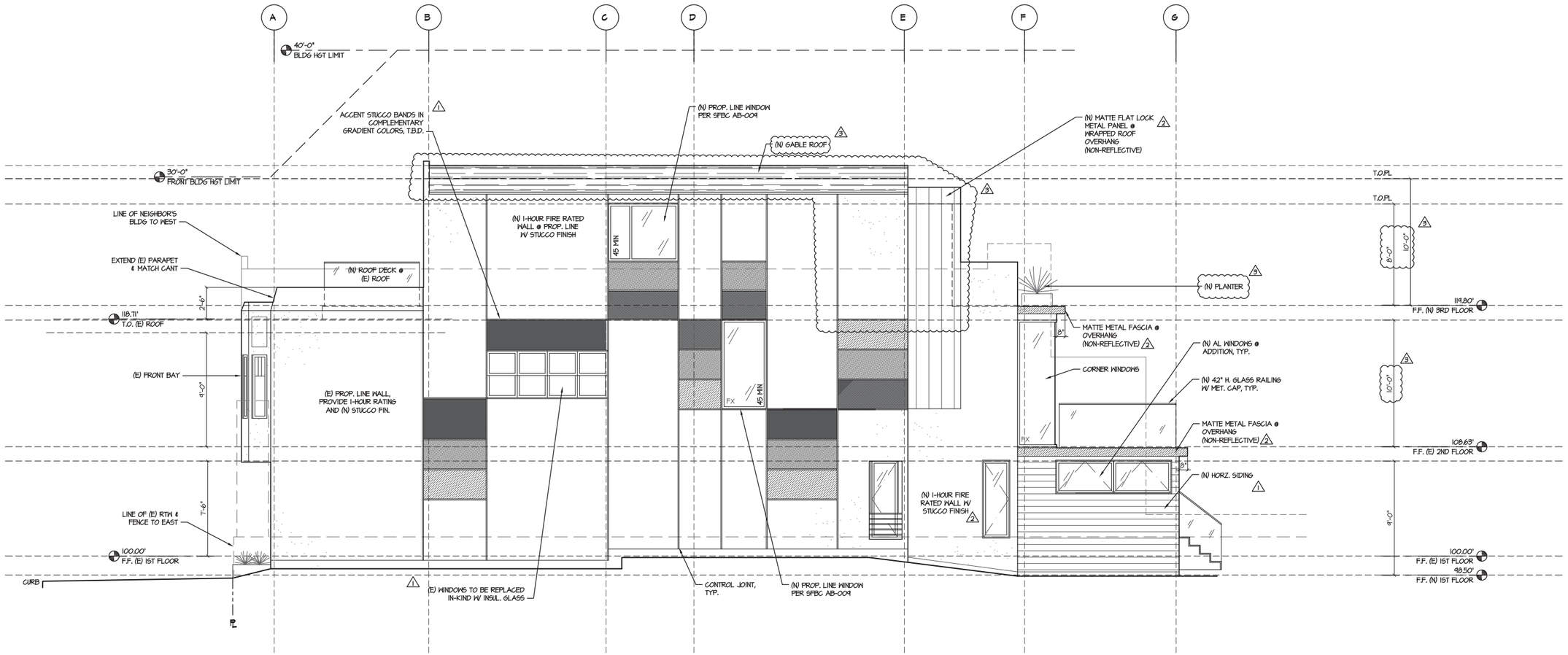
LEVY ART & ARCHITECTURE INC.
1286 SANCHEZ ST SAN FRANCISCO CA 94114
www.levyaa.com
T 415.641.7320
F 415.641.7710

LICENSED ARCHITECT
ROSS H LEVY
C 25660
7.31.17
REN. DATE
STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description
PROPOSED ELEVATIONS

Date:	10.18.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.1



PROPOSED EAST ELEVATION

SCALE: 1/4" = 1'-0"

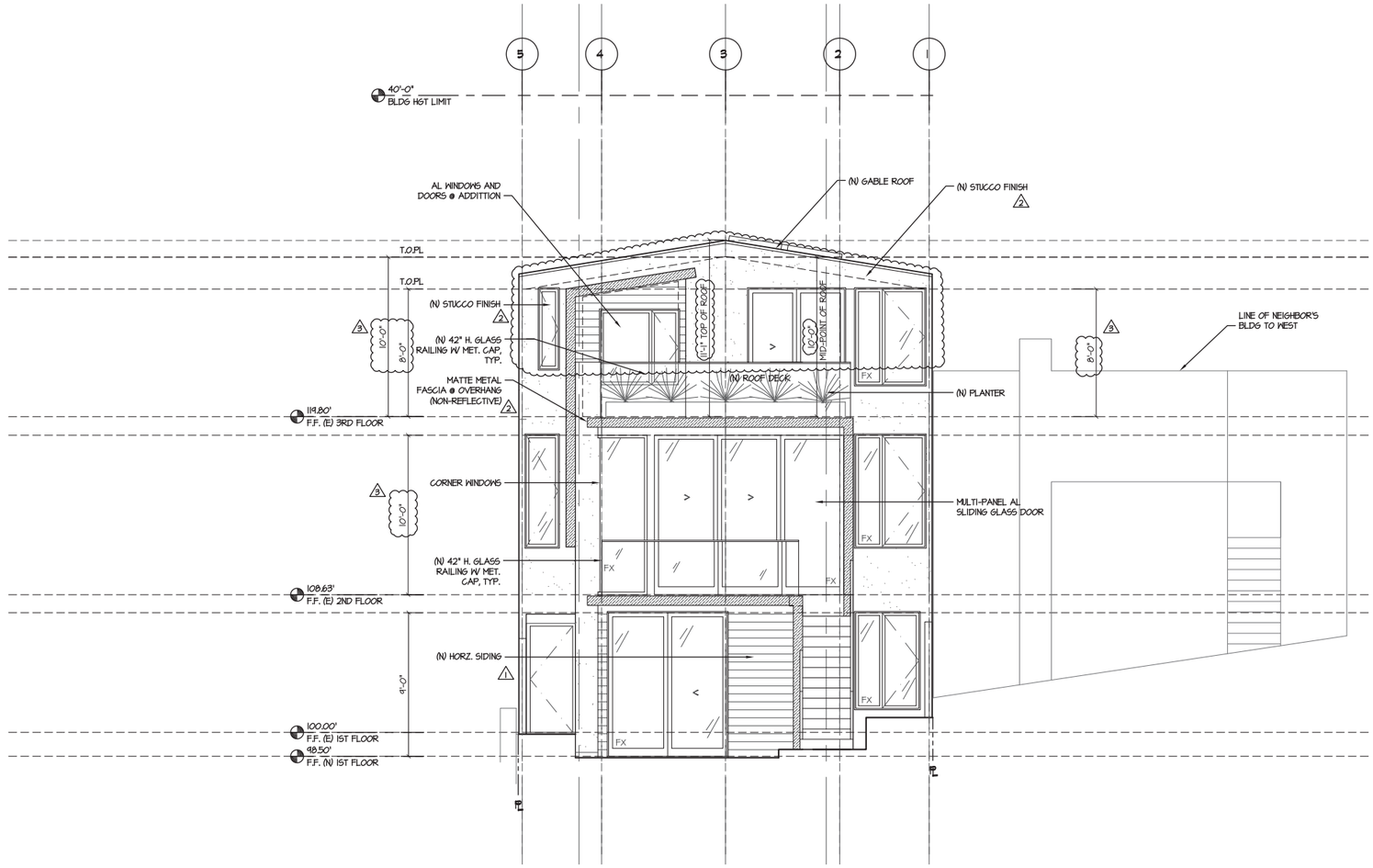
REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

LEVY ART & ARCHITECTURE INC.
1286 SANCHEZ ST SAN FRANCISCO CA 94114
T 415.641.7320 F 415.641.1710
www.levyaa.com

LICENSED ARCHITECT ROSS H LEVY C 25660 7.31.17 DATE STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROPOSED ELEVATIONS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.2



1 PROPOSED NORTH ELEVATION

SCALE: 1/4" = 1'-0"

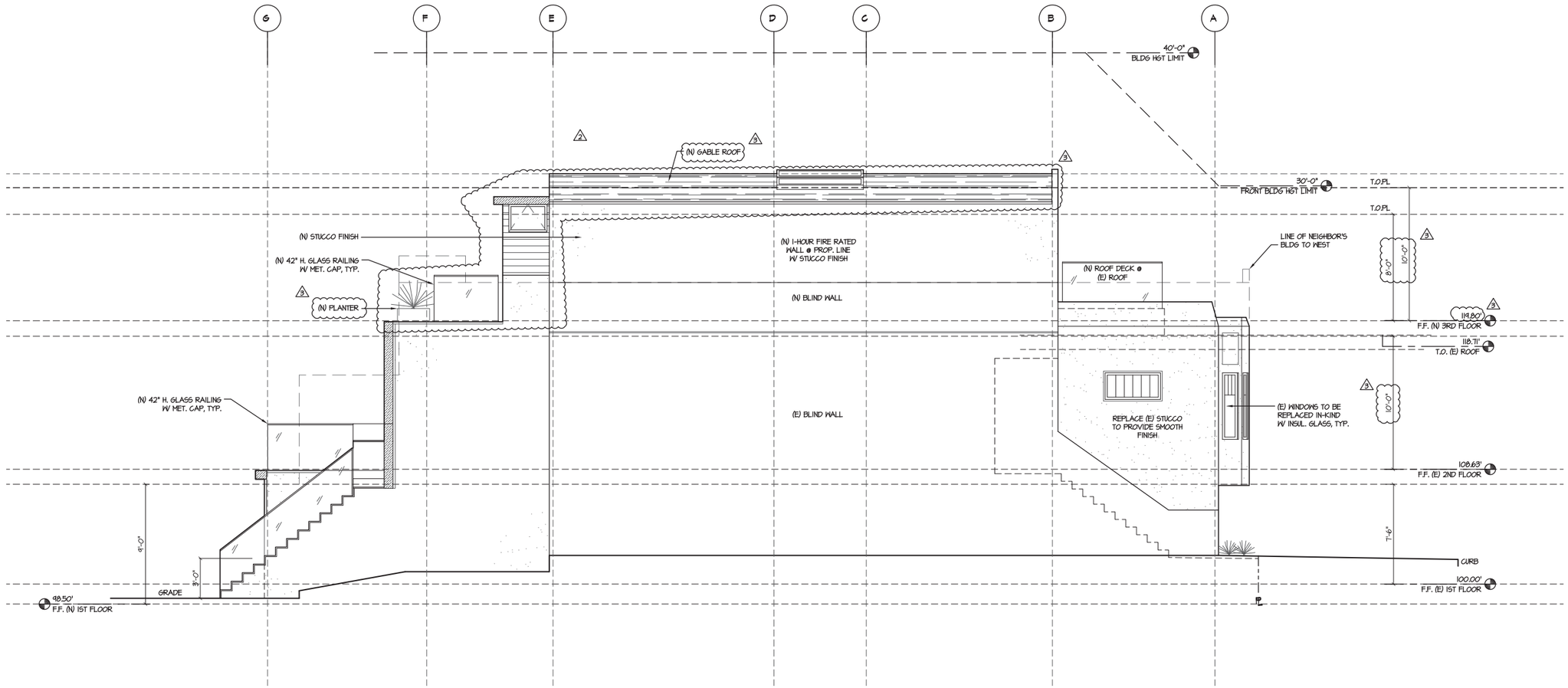
REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

LEVY ART & ARCHITECTURE INC.
1286 SANCHEZ ST SAN FRANCISCO CA 94114
T 415.641.7320 F 415.641.1710
www.levyaa.com

LICENSED ARCHITECT
ROSS H LEVY
C 25660
12/17
REN DATE
STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROPOSED ELEVATIONS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.3



1 PROPOSED WEST ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS		BY
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

LEVY ART & ARCHITECTURE INC.
1286 SANCHEZ ST SAN FRANCISCO CA 94114
T 415.641.7320 F 415.641.1710
www.levyaa.com

LICENSED ARCHITECT
ROSS H LEVY
C 25660
7/31/17
RENEWAL DATE
STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description
PROPOSED ELEVATIONS

Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.4

REISSUED 10-20-2016

SAN FRANCISCO
PLANNING DEPARTMENT

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Certificate of Determination
Exemption from Environmental Review

Case No.:	2015-006856ENV
Project Title:	4320 24th St
Zoning:	RH-2 (Residential-House, Two Family) Use District 40-X Height and Bulk District
Block/Lot:	2829/030
Lot Size:	2,964 square feet
Project Sponsor:	Karen Andersen, Levy Art & Architecture (415) 641-7320 ext. 16
Staff Contact:	Jennifer McKellar – (415) 575-8754 Jennifer.McKellar@sfgov.org

PROJECT DESCRIPTION:

The subject property—4320 24th Street—is located in the Noe Valley neighborhood on the north side of 24th Street between Homestead and Douglass streets. An existing two-story, 2,800-square-foot (sf), single-family residence, constructed in 1924, currently resides on the site. The project proposes to enlarge the existing building via a third-story vertical addition and rear horizontal expansion and add a second dwelling unit on the first floor. The addition and expansion would increase the total gross square footage (gsf) of the existing building by 1,219 sf, or 44 percent of the existing building, and increase the building height from 19 feet to 30-feet-9-inches. The rectangular-shaped, 2,964-sf project site is relatively flat from front to rear, but slopes downwards by approximately 19 percent from west to east. The proposed project would require 26 cubic yards of excavation over a 539-sf area to a maximum depth of one-and-a-half feet.

(Continued on next page)

EXEMPT STATUS:

Categorical Exemption, Class 1 (California Environmental Quality Act [CEQA] Guidelines Section 15301).

(Continued on next page)

DETERMINATION:

I do hereby certify that the above determination has been made pursuant to State and local requirements.

Lisa M. Gibson
Acting Environmental Review Officer

October 20, 2016
Date

cc: Karen Andersen, Project Sponsor
Erika Jackson, Current Planner
Marcelle Boudreaux, Preservation
Virna Byrd, M.D.F.
Supervisor Scott Wiener, District 8, (via Clerk of the Board)
Preservation Distribution List

PROJECT DESCRIPTION (continued):

The project scope would also include interior remodeling of the first and second floors, structural work to the existing building and new addition, installation of fire sprinklers, and associated plumbing and electrical work.

The surrounding neighborhood consists of a mixture of two- to three-story residential buildings containing a range of one to two dwelling units. Noe Valley Courts, a San Francisco Recreation and Parks property, is located adjacent to the property's east side. Noe Valley Courts is an approximately one-acre park equipped with a playground, lawn area and tennis and basketball courts; it is accessible to the public from 6 a.m. to 10 p.m.

Project Approvals

- **San Francisco Planning Commission.** Approval of project by Discretionary Review Hearing.

Approval Action: A discretionary review before the Planning Commission has been requested for the proposed project. As such, the discretionary review hearing will be the Approval Action for the project. The Approval Action date establishes the start of the 30-day appeal period for this CEQA exemption determination pursuant to Section 31.04(h) of the San Francisco Administrative Code.

EXEMPT STATUS (continued):

CEQA Guidelines Section 15301(e)(1), or Class 1, provides an exemption from environmental review for additions to existing structures provided that the addition will not result in an increase of more than 50 percent of the floor area of the structures before the addition, or 2,500 square feet, whichever is less. The proposed project would increase the gross square footage of the existing building by 1,219 sf, or approximately 44 percent of the existing building. Thus, the proposed project qualifies for a Class 1 exemption.

DISCUSSION OF ENVIRONMENTAL ISSUES:

CEQA Guidelines Section 15300.2 establishes exceptions to the application of a categorical exemption for a project. None of the established exceptions apply to the proposed project.

Guidelines Section 15300.2, subdivision (c), provides that a categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances. As discussed below under "Shadow," there is no possibility of a significant effect on the environment due to unusual circumstances.

CEQA Guidelines Section 15300.2, subdivision (f), provides that a categorical exemption shall not be used for a project that may cause a substantial adverse change in the significance of a historical resource. For the reasons discussed below under "Historic Architectural Resources," there is no possibility that the proposed project would have a significant effect on a historic resource.

Shadow

As described above, the proposed project would include a third-story vertical addition to an existing two-story residence resulting in a proposed building height of 30-feet-9-inches. While the proposed project is under the 40-foot height threshold that triggers a Planning Code Section 295 shadow study, for informational purposes, the Planning Department conducted a preliminary shadow fan analysis due to the property's proximity to Noe Valley Courts. The preliminary shadow fan indicated that the proposed project could potentially cast some incremental shadow on the park.

The project sponsor provided the Planning Department with a detailed shadow analysis prepared by a qualified consultant according to Section 295 requirements.[1] The analysis determined that the proposed project would cast net new shading of approximately 0.72 percent on Noe Valley Courts, equivalent to a reduction in annual available sunlight of approximately 27 hours. The new shadow would fall on the tennis and basketball courts and along parts of the eastern edge of the playground and lawn area between the hours of approximately 1:00 p.m. and sunset. Planning Department staff reviewed the methodology and results of the analysis and concluded that the incremental new shadow from the proposed addition would be minimal as compared to the shadow cast by the existing building at 4320 24th Street and would not substantially impair the use or enjoyment of the Noe Valley Courts facilities. Furthermore, shadow cast by buildings 40 feet tall or under is not an unusual circumstance in San Francisco. Therefore, the proposed project would not result in a significant effect on the environment due to shadow.

Historic Architectural Resources

Under CEQA Section 21084.1, a property may be considered a historic resource if it is "listed in, or determined to be eligible for listing in, the California Register of Historical Resources" (CRHR). The CRHR stipulates that a property may be considered a historic resource if a historically significant (1) event, (2) person, or (3) architectural style is associated with the property, or (4) if there is potential to gather historically significant information from the site.

The subject property was constructed in 1924 in a refined Mediterranean Revival architectural style. Due to its age, the project sponsor submitted a Supplemental Information for Historic Resource Determination packet to the Planning Department. After reviewing the packet and conducting independent research, Planning Department preservation staff made a historic resource determination in a Preservation Team Review (PTR) form.[2] The PTR concluded that the subject property, 4320 24th Street, is not eligible, either individually or as part of a district, for listing in the CRHR. As such, it does not qualify as a historic resource under CEQA Section 21084.1. Therefore, the proposed project would not result in a significant impact to any historic resources.

Conclusion. The proposed project satisfies the criteria for exemption under the above-cited classification(s). In addition, none of the CEQA Guidelines Section 15300.2 exceptions to the use of a

[1] Symphysis, Section 295 Shadow Study: 4320 Twenty Four Street, San Francisco, CA 94114, June 2016.

[2] San Francisco Planning Department, *Preservation Team Review Form, 4320 24th Street, San Francisco, CA*, Tina Tam, October 26, 2015, attached.

categorical exemption applies to the proposed project. For the above reasons, the proposed project is appropriately exempt from environmental review.

SAN FRANCISCO
PLANNING DEPARTMENT

PRESERVATION TEAM REVIEW FORM

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Preservation Team Meeting Date:		Date of Form Completion	10/15/2015

PROJECT INFORMATION:		
Planner:	Address:	
Marcelle Boudreaux	4320 24th Street	
Block/Lot:	Cross Streets:	
2829/030	Hoffman/Douglass	
CEQA Category:	Art. 10/11:	BPA/Case No.:
B	N/A	2015-006856ENV

PURPOSE OF REVIEW:			PROJECT DESCRIPTION:	
◉ CEQA	○ Article 10/11	○ Preliminary/PIC	◉ Alteration	○ Demo/New Construction

DATE OF PLANS UNDER REVIEW:	5/12/15

PROJECT ISSUES:	
☒	Is the subject Property an eligible historic resource?
☐	If so, are the proposed changes a significant impact?
	Additional Notes:
	RENOVATION OF (E) SINGLE FAMILY DWELLING INCLUDING: 1. (N) 3RD STORY VERTICAL ADITION WITH 3 BEDROOMS AND 2 BATHS; 2. EXPAND WIDTH OF (E) 1ST STORY ROOM AND DECK IN REAR; 3. INTERIOR REMODEL OF (E) FLOORS Supplemental Information provided by Karen Andersen, Levy Architecture, dated 7/17/15

PRESERVATION TEAM REVIEW:

Historic Resource Present	○ Yes	◉ No *	○ N/A

Individual	Historic District/Context
Property is individually eligible for inclusion in a California Register under one or more of the following Criteria:	Property is in an eligible California Register Historic District/Context under one or more of the following Criteria:
Criterion 1 - Event: ○ Yes ◉ No	Criterion 1 - Event: ○ Yes ◉ No
Criterion 2 -Persons: ○ Yes ◉ No	Criterion 2 -Persons: ○ Yes ◉ No
Criterion 3 - Architecture: ○ Yes ◉ No	Criterion 3 - Architecture: ○ Yes ◉ No
Criterion 4 - Info. Potential: ○ Yes ◉ No	Criterion 4 - Info. Potential: ○ Yes ◉ No
Period of Significance:	Period of Significance:
	○ Contributor ○ Non-Contributor

Complies with the Secretary's Standards/Art 10/Art 11:	○ Yes	○ No	◉ N/A
CEQA Material Impairment:	○ Yes	◉ No	
Needs More Information:	○ Yes	◉ No	
Requires Design Revisions:	○ Yes	◉ No	
Defer to Residential Design Team:	◉ Yes	○ No	

* If No is selected for Historic Resource per CEQA, a signature from Senior Preservation Planner or Preservation Coordinator is required.

PRESERVATION TEAM COMMENTS:

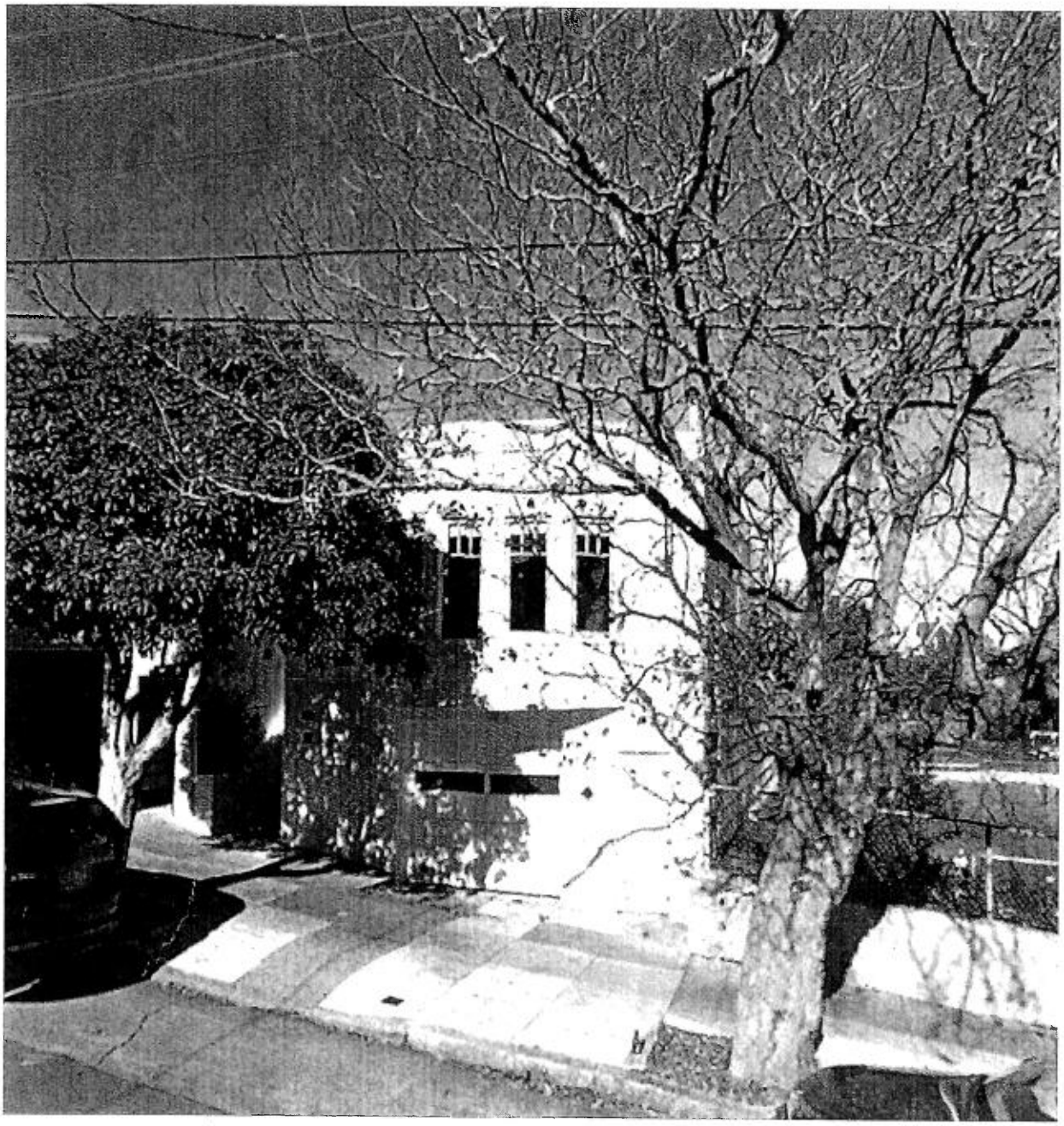
The property at 4320 24th Street was built in 1924 (source: building permit) in a refined Mediterranean revival architectural style. It is defined with a barrel-fronted bay at main living level, integrated garage at ground level, and straight side stair entry at west side, all capped with a flat roof. Cladding at the front is of stucco and at the visible east side is of asbestos siding. The single-family dwelling is located in the Noe Valley neighborhood and is adjacent to the public Noe Valley Park, thus the entire east elevation is visible.

Williams & Pfeifer were listed as the owners on the original building permit. Arthur Williams & Fred G. Pfeifer were licensed by the State of California aand partners in real estate, with a business address at 2539 Mission St. Subsequent owners included William Steinemann, a chaffeur, Herman and Anna Heuck, a foundry worker and rigger, and from 1931 - 1976, Richard Niebolt, a police officer, and his wife Erna. Niebolt's career with the SF Police Department spanned from 1929, as a uniformed policeman, until his death in 1950, with a position in the statistics bureau of SFPD.

On the block, construction dates range from 1900-1924 (source: assessor). Predominant architectural styles reference late 19th century and early 20th century construction, such as Stick, Eastlake, and Queen Anne. The most substantial period of growth occurred in Noe Valley between 1878 through the 1906 earthquake. Further, a citywide building boom occured post-1906 through WWI, which was realized in Noe Valley. Three adjacent properties exhibit similar architectural style and massing; construction dates range from 1911-1924 (source: assessor). The Mediterranean Revival architectural style was common citywide following the Pan-Pacific Exhibition in 1915, and more commonly reflected West of Twin Peaks. Across 24th Street from the subject property, a row of six Stick/Eastlake structures c1890s, have been determined as historic resources for CEQA, or have been noted as architecturally significant in the 1976 DCP Survey.

No known historic events occurred at the property (Criterion 1). None of the owners or occupants have been identified as important to history (Criterion 2) for listing in the California Register of Historic Resources, respectively. This property is not a highly expressed example of the architectural style (Criterion 3). Therefore, 4320 24th Street is not eligible for listing in the California Register either individually or as part of a district.

Signature of a Senior Preservation Planner / Preservation Coordinator:	Date:
Anna Dn	10-26-2015



SAN FRANCISCO
PLANNING DEPARTMENT

Discretionary Review
Abbreviated Analysis
HEARING DATE: SEPTEMBER 22, 2016

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Date:	September 15, 2016
Case No.:	**2015-006856DRP-02**
Project Address:	**4320 24th Street**
Permit Application:	2015.05.14.6375
Zoning:	RH-2 [Residential House, Two-Family] 40-X Height and Bulk District
Block/Lot:	2829/030
Project Sponsor:	Karen Anderson Levy Art + Architecture 151 Potrero Avenue, Suite 200 San Francisco, CA 94103
Staff Contact:	Erika Jackson – (415) 588-6363 erika.jackson@sfgov.org
Recommendation:	**Do not take DR and approve the plans as proposed**

PROJECT DESCRIPTION

The proposal is to construct a new vertical third floor addition to the existing two-story building. The addition would increase the building height from 19 feet to 30 feet and would not expand the existing building footprint. The proposed third floor is setback 15 feet from the front property line.

SITE DESCRIPTION AND PRESENT USE

The subject lot is 26 feet wide and 114 feet long and 2,964 square feet and contains one two-story single-family building. The subject building was constructed circa 1924 and is approximately 2,399 square feet.

SURROUNDING PROPERTIES AND NEIGHBORHOOD

The Project site is located within an RH-2 (Two-Family Residential) District situated in the Noe Valley Neighborhood. Land uses in the immediate vicinity of the site are typical of an RH-2 District with primarily residential uses. Most of the buildings in the vicinity range from one to three stories. The subject property is immediately adjacent to Noe Courts, a public park owned by Rec Park.

BUILDING PERMIT NOTIFICATION

TYPE	REQUIRED PERIOD	NOTIFICATION DATES	DR FILE DATE	DR HEARING DATE	FILING TO HEARING TIME
311 Notice	30 days	April 18, 2016 – May 18, 2016	May 18, 2016	September 22, 2016	127 days

HEARING NOTIFICATION

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Posted Notice	10 days	September 12, 2016	September 12, 2016	10 days
Mailed Notice	10 days	September 12, 2016	September 12, 2016	10 days

PUBLIC COMMENT

	SUPPORT	OPPOSED	NO POSITION
Adjacent neighbor(s)	0	0	1
Other neighbors on the block or directly across the street	0	2	0
Neighborhood groups	0	1	0

The Planning Department received 6 letters expressing concerns regarding shadow impacts to Noe Courts, the number of windows proposed along the east façade, the massing of the vertical addition, and the proposed addition not being compatible with the charm and character of the surrounding neighborhood and the topography of the street.

DR REQUESTOR

DR Requestor #1 – Douglas Robson, 4326 24th Street, directly adjacent to subject property. This DR application has been withdrawn by the DR requestor after a compromise was reached as reflected in the revised plans dated September 7, 2016.

DR Requestor #2 – Lawrence Kane, 4348 24th Street, four houses to the west from the subject property.

DR REQUESTOR'S CONCERNS AND PROPOSED ALTERNATIVES

See attached *Discretionary Review Application*, dated May 18, 2016.

PROJECT SPONSOR'S RESPONSE TO DR APPLICATION

See attached *Response to Discretionary Review,* dated September 8, 2016.

ENVIRONMENTAL REVIEW

On September 8, 2016 the Project was determined to be exempt from the California Environmental Quality Act ("CEQA") as a Class 1 Categorical Exemption under CEQA as described in the determination contained in the Planning Department files for this Project.

RESIDENTIAL DESIGN TEAM REVIEW

The DR Applications were reviewed by the Residential Design Team on August 25, 2016. The RDT determined that there are no exceptional or extraordinary circumstances associated with the Project. RDT supports the Project with one modification: the proposed metal siding (labeled as "flat lock metal panel")

needs to be non-reflective. This change is reflected on the plans dated September 7, 2016. The plans dated September 7, 2016 also reflect changes made during negotiations with the adjacent neighbor and the DR requestor of one DR application. On September 9, 2016, the DR application filed by the adjacent neighbor was withdrawn based on these project revisions.

The Department supports the revised changes because they reduce the massing/size of the proposed addition, and they resolve the concerns of the adjacent neighbor/DR requestor. The project as revised does not present any exceptional and extraordinary circumstances.

Under the Commission's pending DR Reform Legislation, this project would not be referred to the Commission as this project does not contain or create any exceptional or extraordinary circumstances.

RECOMMENDATION:	**Do not take DR and approve the plans as proposed**

Attachments:
Block Book Map
Sanborn Map
Zoning Map
Aerial Photographs
Context Photographs
Section 311 Notice
CEQA Certificate dated September 8, 2016
DR Application
Neighbor Letters
Response to DR Application dated September 8, 2016
Shadow Studies
Reduced Plans – Section 311 Mailing
Reduced Plans – Revised 09.07.16

ESJ: G:\DOCUMENTS\Projects\DR\24th St 4320\DR - Abbreviated Analysis.docx

Zoning Map


23RD ST
ELIZABETH ST
ELIZABETH ST
DIAMOND ST
P
RH-2
24TH ST
NC-1
24th Street-Noe Valley NCD
HOMESTEAD ST
JERSEY ST
DIAMOND ST

Height and Bulk Map



Discretionary Review Hearing
Case Number 2015-006856DRP-02
4320 24th Street
September 22, 2016

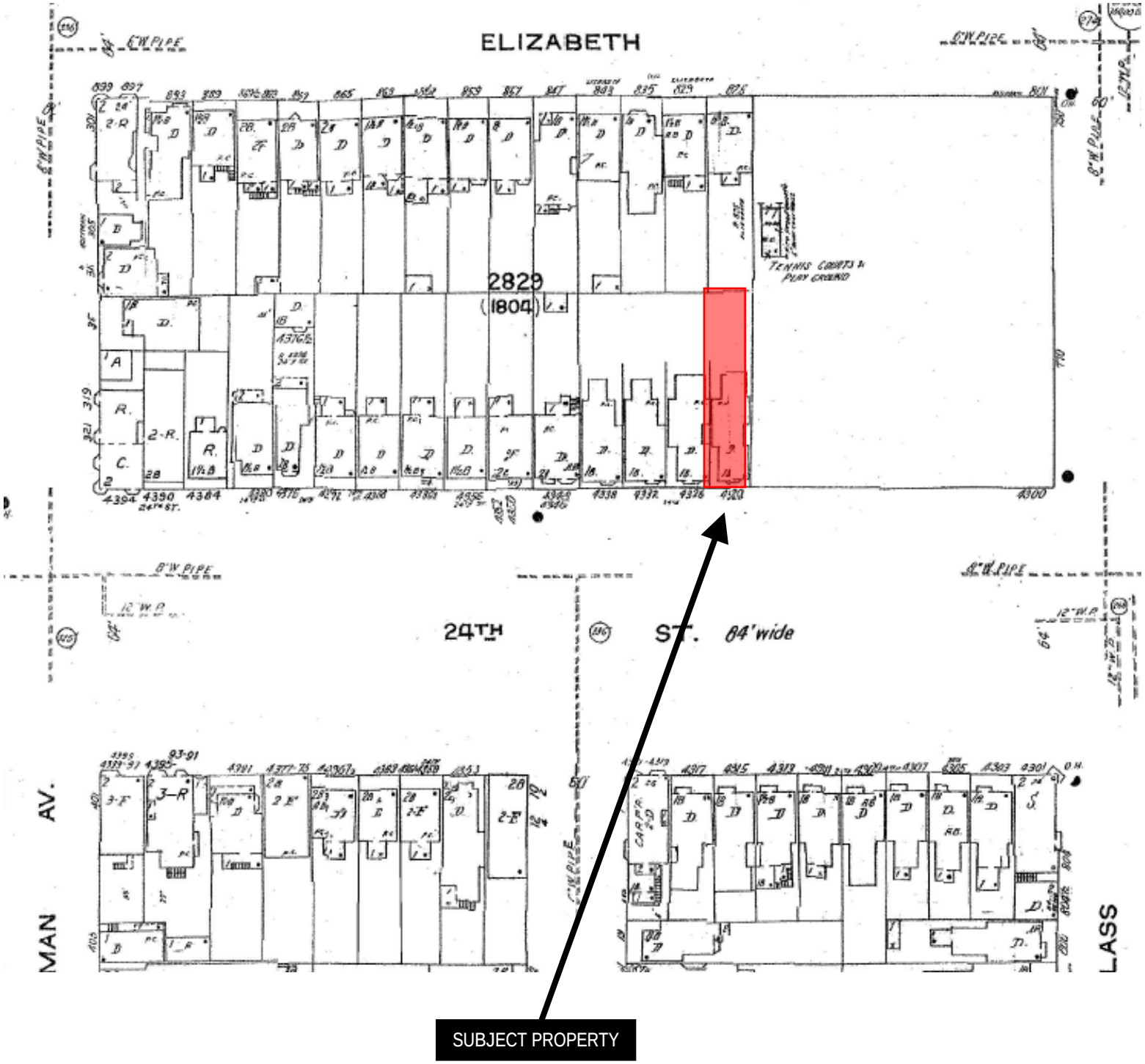
SAN FRANCISCO
PLANNING DEPARTMENT

Parcel Map



Discretionary Review Hearing
Case Number 2015-006856DRP-02
4320 24th Street
September 22, 2016

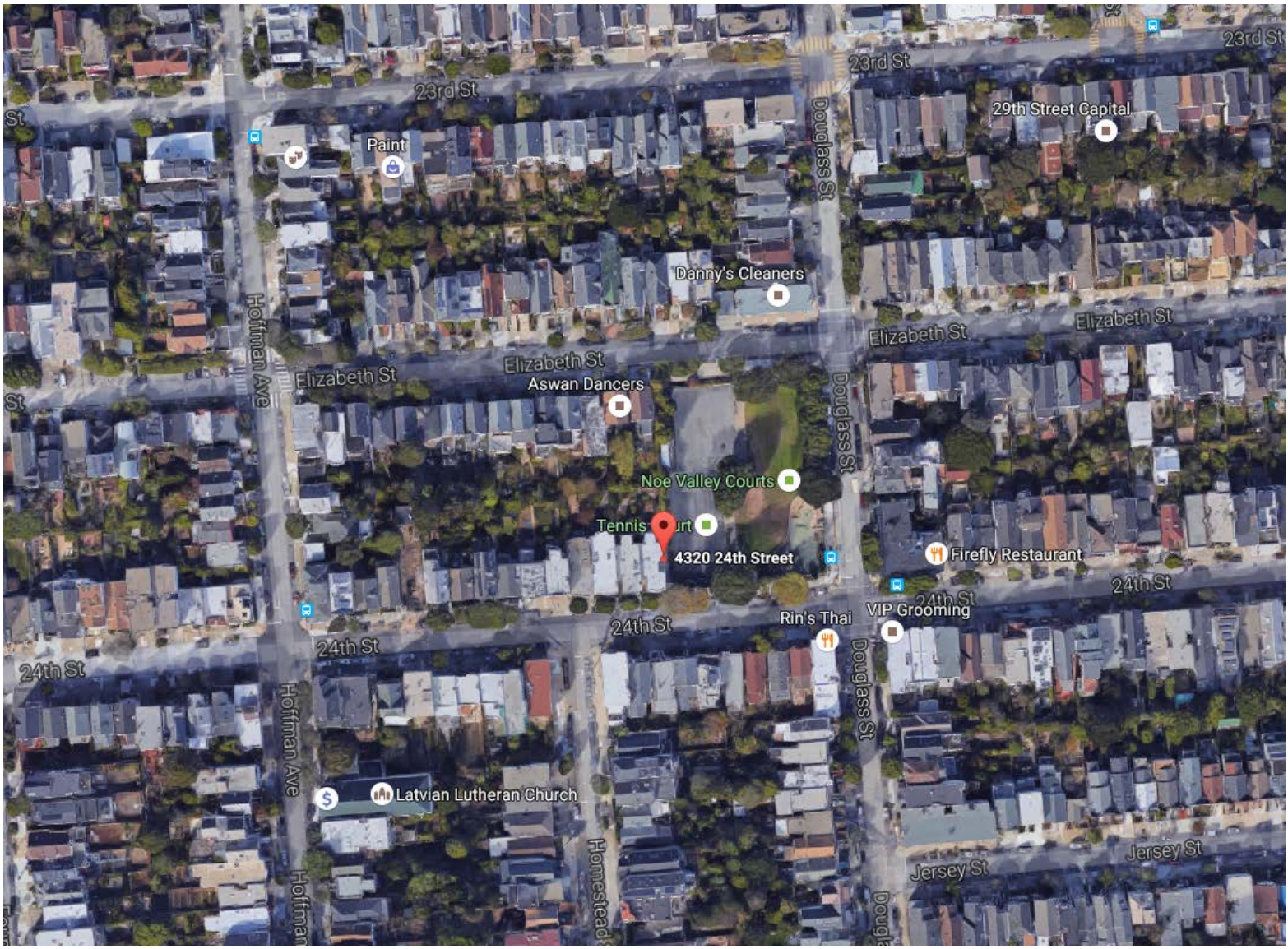
Sanborn Map*



*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.

Discretionary Review Hearing
Case Number 2015-006856DRP-02
4320 24th Street
September 22, 2016

Aerial Photo



Discretionary Review Hearing
Case Number 2015-006856DRP-02
4320 24th Street
September 22, 2016

SAN FRANCISCO
PLANNING DEPARTMENT

Site Photo



SAN FRANCISCO
PLANNING DEPARTMENT
1650 Mission Street Suite 400 San Francisco, CA 94103

NOTICE OF BUILDING PERMIT APPLICATION (SECTION 311)

On **May 14, 2015**, the Applicant named below filed Building Permit Application No. **2015.05.14.6375** (Alteration) with the City and County of San Francisco.

PROPERTY INFORMATION		APPLICANT INFORMATION	
Project Address:	**4320 24th Street**	Applicant:	**Karen Andersen**
Cross Street(s):	**Douglass and Homestead Streets**	Address:	**151 Potrero Avenue, Suite 200**
Block/Lot No.:	**2829/030**	City, State:	**San Francisco, CA 94103**
Zoning District(s):	**RH-2 / 40-X**	Telephone:	**(415) 641-7320 x16**

You are receiving this notice as a property owner or resident within 150 feet of the proposed project. You are not required to take any action. For more information about the proposed project, or to express concerns about the project, please contact the Applicant listed above or the Planner named below as soon as possible. If you believe that there are exceptional or extraordinary circumstances associated with the project, you may request the Planning Commission to use its discretionary powers to review this application at a public hearing. Applications requesting a Discretionary Review hearing must be filed during the 30-day review period, prior to the close of business on the Expiration Date shown below, or the next business day if that date is on a week-end or a legal holiday. If no Requests for Discretionary Review are filed, this project will be approved by the Planning Department after the Expiration Date.

Members of the public are not required to provide personal identifying information when they communicate with the Commission or the Department. All written or oral communications, including submitted personal contact information, may be made available to the public for inspection and copying upon request and may appear on the Department's website or in other public documents.

PROJECT SCOPE		
☐ Demolition	☐ New Construction	☒ Alteration
☐ Change of Use	☐ Façade Alteration(s)	☐ Front Addition
☐ Rear Addition	☐ Side Addition	☐ Vertical Addition

PROJECT FEATURES	EXISTING	PROPOSED
Building Use	Residential	No Change
Front Setback	3 feet	No Change
Side Setbacks	None	No Change
Building Depth	71 feet 8 inches	No Change
Rear Yard	39 feet 4 inches	No Change
Building Height	19 feet	30 feet
Number of Stories	2	3
Number of Dwelling Units	1	No Change
Number of Parking Spaces	1	2

PROJECT DESCRIPTION

The proposal is to construct a new vertical third floor addition to the existing two-story building. See attached plans.

The issuance of the building permit by the Department of Building Inspection or the Planning Commission project approval at a discretionary review hearing would constitute as the Approval Action for the project for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.

For more information, please contact Planning Department staff:

Planner: Erika Jackson
Telephone: (415) 558-6363
E-mail: erika.jackson@sfgov.org

Notice Date: 4/18/16
Expiration Date: 5/18/16

GENERAL INFORMATION ABOUT PROCEDURES

Reduced copies of the proposed project plans have been included in this mailing for your information. If you have questions about the plans, please contact the project Applicant listed on the front of this notice. You may wish to discuss the plans with your neighbors or neighborhood association, as they may already be aware of the project. If you have general questions about the Planning Department's review process, please contact the Planning Information Center at 1660 Mission Street, 1st Floor (415/ 558-6377) between 8:00am - 5:00pm Monday-Friday. If you have specific questions about the proposed project, you should contact the planner listed on the front of this notice.

If you believe that the impact on you from the proposed project is significant and you wish to seek to change the project, there are several procedures you may use. **We strongly urge that steps 1 and 2 be taken.**

1. Request a meeting with the project Applicant to get more information and to explain the project's impact on you.
2. Contact the nonprofit organization Community Boards at (415) 920-3820, or online at www.communityboards.org for a facilitated discussion in a safe and collaborative environment. Community Boards acts as a neutral third party and has, on many occasions, helped reach mutually agreeable solutions.
3. Where you have attempted, through the use of the above steps or other means, to address potential problems without success, please contact the planner listed on the front of this notice to discuss your concerns.

If, after exhausting the procedures outlined above, you still believe that exceptional and extraordinary circumstances exist, you have the option to request that the Planning Commission exercise its discretionary powers to review the project. These powers are reserved for use in exceptional and extraordinary circumstances for projects which generally conflict with the City's General Plan and the Priority Policies of the Planning Code; therefore the Commission exercises its discretion with utmost restraint. This procedure is called Discretionary Review. If you believe the project warrants Discretionary Review by the Planning Commission, **you must file a Discretionary Review application prior to the Expiration Date shown on the front of this notice.** Discretionary Review applications are available at the Planning Information Center (PIC), 1660 Mission Street, 1st Floor, or online at www.sfplanning.org). You must submit the application in person at the Planning Information Center (PIC) between 8:00am - 5:00pm Monday-Friday, with all required materials and a check payable to the Planning Department. To determine the fee for a Discretionary Review, please refer to the Planning Department Fee Schedule available at www.sfplanning.org. If the project includes multiple building permits, i.e. demolition and new construction, a **separate request for Discretionary Review must be submitted, with all required materials and fee, for each permit that you feel will have an impact on you. Incomplete applications will not be accepted.**

If no Discretionary Review Applications have been filed within the Notification Period, the Planning Department will approve the application and forward it to the Department of Building Inspection for its review.

BOARD OF APPEALS

An appeal of the Planning Commission's decision on a Discretionary Review case may be made to the **Board of Appeals within 15 calendar days after the building permit is issued** (or denied) by the Department of Building Inspection. Appeals must be submitted in person at the Board's office at 1650 Mission Street, 3rd Floor, Room 304. For further information about appeals to the Board of Appeals, including current fees, contact the Board of Appeals at (415) 575-6880.

ENVIRONMENTAL REVIEW

This project has undergone preliminary review pursuant to California Environmental Quality Act (CEQA). If, as part of this process, the Department's Environmental Review Officer has deemed this project to be exempt from further environmental review, an exemption determination has been prepared and can be obtained through the Exemption Map, on-line, at www.sfplanning.org. An appeal of the decision **to exempt the proposed project from CEQA may be made to the Board of Supervisors within 30 calendar days** after the project approval action identified on the determination. The procedures for filing an appeal of an exemption determination are available from the Clerk of the Board at City Hall, Room 244, or by calling (415) 554-5184.

Under CEQA, in a later court challenge, a litigant may be limited to raising only those issues previously raised at a hearing on the project or in written correspondence delivered to the Board of Supervisors, Planning Commission, Planning Department or other City board, commission or department at, or prior to, such hearing, or as part of the appeal hearing process on the CEQA decision.

SAN FRANCISCO
PLANNING DEPARTMENT

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Certificate of Determination
Exemption from Environmental Review

Case No.:	2015-006856ENV
Project Title:	4320 24th St
Zoning:	RH-2 (Residential-House, Two Family) Use District 40-X Height and Bulk District
Block/Lot:	2829/030
Lot Size:	2,964 square feet
Project Sponsor:	Karen Andersen, Levy Art & Architecture (415) 641-7320 ext. 16
Staff Contact:	Jennifer McKellar – (415) 575-8754 Jennifer.McKellar@sfgov.org

PROJECT DESCRIPTION:

The subject property—4320 24th Street—is located in the Noe Valley neighborhood on the north side of 24th Street between Homestead and Douglass streets. An existing two-story, 2,908-square-foot, single-family residence, constructed in 1924, currently resides on the site. The project proposes a third-story vertical addition and rear horizontal expansion, which would increase the total gross square footage (gsf) of the existing building by 1,394 sf, or 48 percent of the existing building, and increase the building height from 19 feet to 32-feet-9-inches (at highest roof peak). The rectangular-shaped, 2,964-sf project site is relatively flat from front to rear, but slopes downwards by approximately 19 percent from west to east. The proposed project would require 26 cubic yards of excavation over a 539-sf area to a maximum depth of one-and-a-half feet.

(Continued on next page)

EXEMPT STATUS:

Categorical Exemption, Class 1 (California Environmental Quality Act [CEQA] Guidelines Section 15301).

(Continued on next page)

DETERMINATION:

I do hereby certify that the above determination has been made pursuant to State and local requirements.

Lisa M. Gibson
Acting Environmental Review Officer

9/8/16
Date

cc: Karen Andersen, Project Sponsor
Erika Jackson, Current Planner
Marcelle Boudreaux, Preservation
Virna Byrd, M.D.F.
Supervisor Scott Wiener, District 8, (via Clerk of the Board)
Preservation Distribution List

PROJECT DESCRIPTION (continued):

The project scope would also include interior remodeling of the first and second floors, structural work to the existing building and new addition, installation of fire sprinklers, and associated plumbing and electrical work.

The surrounding neighborhood consists of a mixture of two- to three-story residential buildings containing a range of one to two dwelling units. Noe Valley Courts, a San Francisco Recreation and Parks property, is located adjacent to the property's east side. Noe Valley Courts is an approximately one-acre park equipped with a playground, lawn area and tennis and basketball courts; it is accessible to the public from 6 a.m. to 10 p.m.

Project Approvals

- **San Francisco Planning Commission.** Approval of project by Discretionary Review Hearing.

Approval Action: A discretionary review before the Planning Commission has been requested for the proposed project. As such, the discretionary review hearing will be the Approval Action for the project. The Approval Action date establishes the start of the 30-day appeal period for this CEQA exemption determination pursuant to Section 31.04(h) of the San Francisco Administrative Code.

EXEMPT STATUS (continued):

CEQA Guidelines Section 15301(e)(1), or Class 1, provides an exemption from environmental review for additions to existing structures provided that the addition will not result in an increase of more than 50 percent of the floor area of the structures before the addition, or 2,500 square feet, whichever is less. The proposed project would increase the gross square footage of the existing building by 1,394 sf, or approximately 48 percent of the existing building. Thus, the proposed project qualifies for a Class 1 exemption.

DISCUSSION OF ENVIRONMENTAL ISSUES:

CEQA Guidelines Section 15300.2 establishes exceptions to the application of a categorical exemption for a project. None of the established exceptions apply to the proposed project.

Guidelines Section 15300.2, subdivision (c), provides that a categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances. As discussed below under "Shadow," there is no possibility of a significant effect on the environment due to unusual circumstances.

CEQA Guidelines Section 15300.2, subdivision (f), provides that a categorical exemption shall not be used for a project that may cause a substantial adverse change in the significance of a historical resource. For the reasons discussed below under "Historic Architectural Resources," there is no possibility that the proposed project would have a significant effect on a historic resource.

Shadow

As described above, the proposed project would include a third-story vertical addition to an existing two-story residence resulting in a proposed building height of 32-feet-9-inches (from curb to highest roof ridge). While the proposed project is under the 40-foot height threshold that triggers a Planning Code Section 295 shadow study, for informational purposes, the Planning Department conducted a preliminary shadow fan analysis due to the property's proximity to Noe Valley Courts. The preliminary shadow fan indicated that the proposed project could potentially cast some incremental shadow on the park.

The project sponsor provided the Planning Department with a detailed shadow analysis prepared by a qualified consultant according to Section 295 requirements.[1] The analysis determined that the proposed project would cast net new shading of approximately 0.72 percent on Noe Valley Courts, equivalent to a reduction in annual available sunlight of approximately 27 hours. The new shadow would fall on the tennis and basketball courts and along parts of the eastern edge of the playground and lawn area between the hours of approximately 1:00 p.m. and sunset. Planning Department staff reviewed the methodology and results of the analysis and concluded that the incremental new shadow from the proposed addition would be minimal as compared to the shadow cast by the existing building at 4320 24th Street and would not substantially impair the use or enjoyment of the Noe Valley Courts facilities. Furthermore, shadow cast by buildings 40 feet tall or under is not an unusual circumstance in San Francisco. Therefore, the proposed project would not result in a significant effect on the environment due to shadow.

Historic Architectural Resources

Under CEQA Section 21084.1, a property may be considered a historic resource if it is "listed in, or determined to be eligible for listing in, the California Register of Historical Resources" (CRHR). The CRHR stipulates that a property may be considered a historic resource if a historically significant (1) event, (2) person, or (3) architectural style is associated with the property, or (4) if there is potential to gather historically significant information from the site.

The subject property was constructed in 1924 in a refined Mediterranean Revival architectural style. Due to its age, the project sponsor submitted a Supplemental Information for Historic Resource Determination packet to the Planning Department. After reviewing the packet and conducting independent research, Planning Department preservation staff made a historic resource determination in a Preservation Team Review (PTR) form.[2] The PTR concluded that the subject property, 4320 24th Street, is not eligible, either individually or as part of a district, for listing in the CRHR. As such, it does not qualify as a historic resource under CEQA Section 21084.1. Therefore, the proposed project would not result in a significant impact to any historic resources.

Conclusion. The proposed project satisfies the criteria for exemption under the above-cited classification(s). In addition, none of the CEQA Guidelines Section 15300.2 exceptions to the use of a

[1] Symphysis, Section 295 Shadow Study: 4320 Twenty Four Street, San Francisco, CA 94114, June 2016.

[2] San Francisco Planning Department, *Preservation Team Review Form, 4320 24th Street, San Francisco, CA*, Tina Tam, October 26, 2015, attached.

categorical exemption applies to the proposed project. For the above reasons, the proposed project is appropriately exempt from environmental review.

SAN FRANCISCO
PLANNING DEPARTMENT

PRESERVATION TEAM REVIEW FORM

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

Preservation Team Meeting Date:		Date of Form Completion	10/15/2015

PROJECT INFORMATION:		
Planner:	Address:	
Marcelle Boudreaux	4320 24th Street	
Block/Lot:	Cross Streets:	
2829/030	Hoffman/Douglass	
CEQA Category:	Art. 10/11:	BPA/Case No.:
B	N/A	2015-006856ENV

PURPOSE OF REVIEW:			PROJECT DESCRIPTION:	
◉ CEQA	○ Article 10/11	○ Preliminary/PIC	◉ Alteration	○ Demo/New Construction

DATE OF PLANS UNDER REVIEW:	5/12/15

PROJECT ISSUES:

☒	Is the subject Property an eligible historic resource?
☐	If so, are the proposed changes a significant impact?

Additional Notes:

RENOVATION OF (E) SINGLE FAMILY DWELLING INCLUDING: 1. (N) 3RD STORY VERTICAL ADITION WITH 3 BEDROOMS AND 2 BATHS; 2. EXPAND WIDTH OF (E) 1ST STORY ROOM AND DECK IN REAR; 3. INTERIOR REMODEL OF (E) FLOORS

Supplemental Information provided by Karen Andersen, Levy Architecture, dated 7/17/15

PRESERVATION TEAM REVIEW:

Historic Resource Present: ○ Yes ◉ No * ○ N/A

Individual	Historic District/Context
Property is individually eligible for inclusion in a California Register under one or more of the following Criteria:	Property is in an eligible California Register Historic District/Context under one or more of the following Criteria:
Criterion 1 - Event: ○ Yes ◉ No	Criterion 1 - Event: ○ Yes ◉ No
Criterion 2 -Persons: ○ Yes ◉ No	Criterion 2 -Persons: ○ Yes ◉ No
Criterion 3 - Architecture: ○ Yes ◉ No	Criterion 3 - Architecture: ○ Yes ◉ No
Criterion 4 - Info. Potential: ○ Yes ◉ No	Criterion 4 - Info. Potential: ○ Yes ◉ No
Period of Significance:	Period of Significance:
	○ Contributor ○ Non-Contributor

Complies with the Secretary's Standards/Art 10/Art 11:	○ Yes	○ No	◉ N/A
CEQA Material Impairment:	○ Yes	◉ No	
Needs More Information:	○ Yes	◉ No	
Requires Design Revisions:	○ Yes	◉ No	
Defer to Residential Design Team:	◉ Yes	○ No	

* If No is selected for Historic Resource per CEQA, a signature from Senior Preservation Planner or Preservation Coordinator is required.

PRESERVATION TEAM COMMENTS:

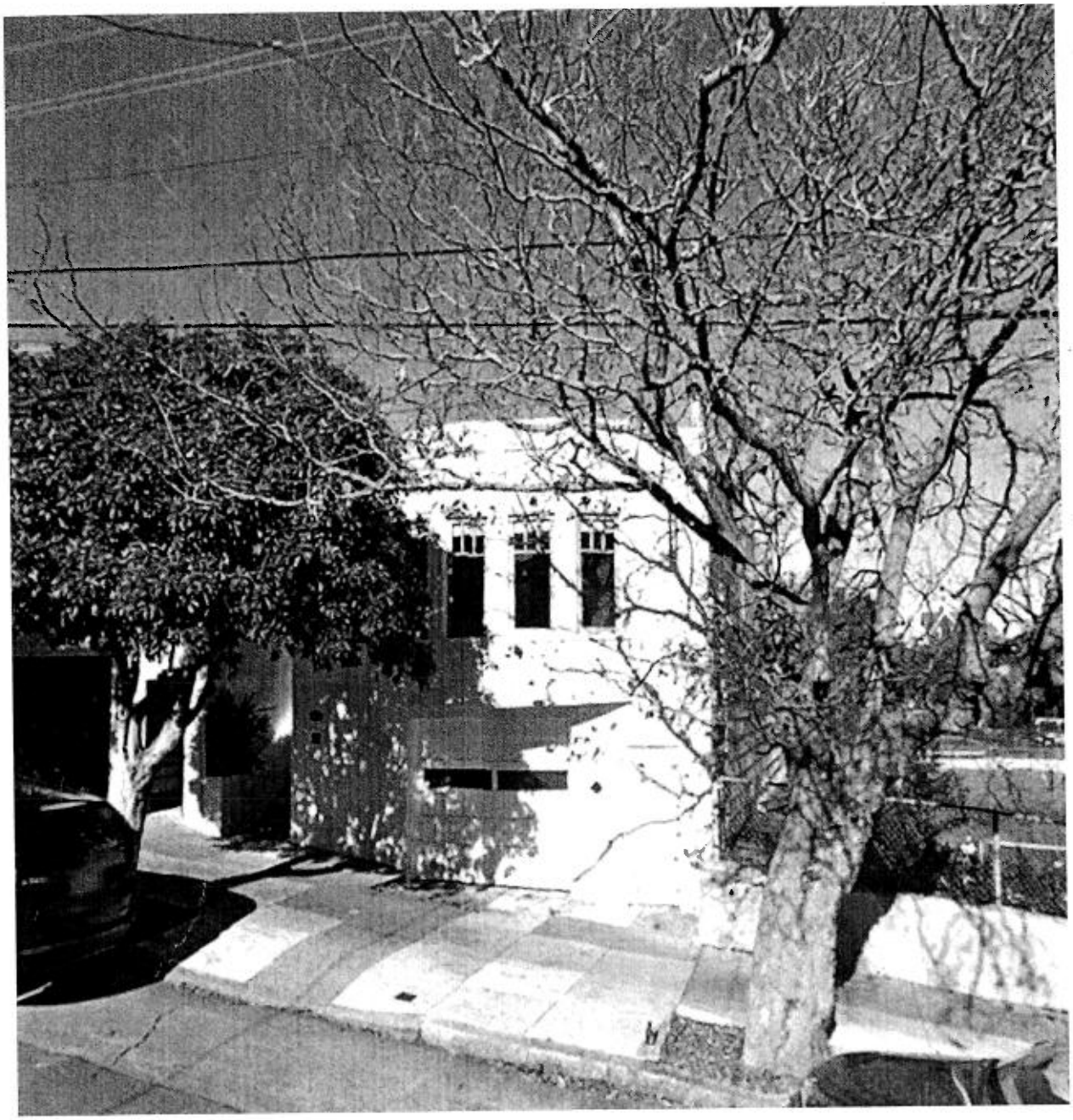
The property at 4320 24th Street was built in 1924 (source: building permit) in a refined Mediterranean revival architectural style. It is defined with a barrel-fronted bay at main living level, integrated garage at ground level, and straight side stair entry at west side, all capped with a flat roof. Cladding at the front is of stucco and at the visible east side is of asbestos siding. The single-family dwelling is located in the Noe Valley neighborhood and is adjacent to the public Noe Valley Park, thus the entire east elevation is visible.

Williams & Pfeifer were listed as the owners on the original building permit. Arthur Williams & Fred G. Pfeifer were licensed by the State of California aand partners in real estate, with a business address at 2539 Mission St. Subsequent owners included William Steinemann, a chaffeur, Herman and Anna Heuck, a foundry worker and rigger, and from 1931 - 1976, Richard Niebolt, a police officer, and his wife Erna. Niebolt's career with the SF Police Department spanned from 1929, as a uniformed policeman, until his death in 1950, with a position in the statistics bureau of SFPD.

On the block, construction dates range from 1900-1924 (source: assessor). Predominant architectural styles reference late 19th century and early 20th century construction, such as Stick, Eastlake, and Queen Anne. The most substantial period of growth occurred in Noe Valley between 1878 through the 1906 earthquake. Further, a citywide building boom occured post-1906 through WWI, which was realized in Noe Valley. Three adjacent properties exhibit similar architectural style and massing; construction dates range from 1911-1924 (source: assessor). The Mediterranean Revival architectural style was common citywide following the Pan-Pacific Exhibition in 1915, and more commonly reflected West of Twin Peaks. Across 24th Street from the subject property, a row of six Stick/Eastlake structures c1890s, have been determined as historic resources for CEQA, or have been noted as architecturally significant in the 1976 DCP Survey.

No known historic events occurred at the property (Criterion 1). None of the owners or occupants have been identified as important to history (Criterion 2) for listing in the California Register of Historic Resources, respectively. This property is not a highly expressed example of the architectural style (Criterion 3). Therefore, 4320 24th Street is not eligible for listing in the California Register either individually or as part of a district.

Signature of a Senior Preservation Planner / Preservation Coordinator:	Date:
Mia Ou	10-26-2015



Application for **Discretionary Review**

CASE NUMBER: 2015-006856DRP-02

APPLICATION FOR
Discretionary Review

1. Owner/Applicant Information

DR APPLICANT'S NAME:
Lawrence Kane

DR APPLICANT'S ADDRESS: | ZIP CODE: | TELEPHONE:
4348 24th Street | 94114 | (415)606 6558

PROPERTY OWNER WHO IS DOING THE PROJECT ON WHICH YOU ARE REQUESTING DISCRETIONARY REVIEW NAME:
Witt Charmatz (Family Trust) - c/o Karen Anderson

ADDRESS: | ZIP CODE: | TELEPHONE:
151 Potrero Avenue, Suite 200, SF, CA | 94103 | (415) 641-7320 x16

CONTACT FOR DR APPLICATION:
Same as Above [X]

ADDRESS: | ZIP CODE: | TELEPHONE:
( )

E-MAIL ADDRESS:
larrykanecoach@yahoo.com

2. Location and Classification

STREET ADDRESS OF PROJECT: | ZIP CODE:
4320 24th Street | 94114

CROSS STREETS:
Douglas and Homestead

ASSESSORS BLOCK/LOT:		LOT DIMENSIONS:	LOT AREA (SQ FT):	ZONING DISTRICT:	HEIGHT/BULK DISTRICT:
28229	/030	26 x 114	2964	RH-2	40-X

3. Project Description

Please check all that apply

Change of Use [ ] Change of Hours [ ] New Construction [ ] Alterations [X] Demolition [ ] Other [ ]

Additions to Building: Rear [ ] Front [ ] Height [X] Side Yard [ ]

Present or Previous Use: Single Family Home

Proposed Use: Single Family Home

Building Permit Application No. 2015.05.14.6375 Date Filed: May 18, 2016

4. Actions Prior to a Discretionary Review Request

Prior Action	YES	NO
Have you discussed this project with the permit applicant?	☒	☐
Did you discuss the project with the Planning Department permit review planner?	☒	☐
Did you participate in outside mediation on this case?	☐	☒

5. Changes Made to the Project as a Result of Mediation

If you have discussed the project with the applicant, planning staff or gone through mediation, please summarize the result, including any changes there were made to the proposed project.

n/a

Discretionary Review Request

In the space below and on separate paper, if necessary, please present facts sufficient to answer each question.

1. What are the reasons for requesting Discretionary Review? The project meets the minimum standards of the Planning Code. What are the exceptional and extraordinary circumstances that justify Discretionary Review of the project? How does the project conflict with the City's General Plan or the Planning Code's Priority Policies or Residential Design Guidelines? Please be specific and site specific sections of the Residential Design Guidelines.

   see attached

2. The Residential Design Guidelines assume some impacts to be reasonable and expected as part of construction. Please explain how this project would cause unreasonable impacts. If you believe your property, the property of others or the neighborhood would be adversely affected, please state who would be affected, and how:

   see attached

3. What alternatives or changes to the proposed project, beyond the changes (if any) already made would respond to the exceptional and extraordinary circumstances and reduce the adverse effects noted above in question #1?

   see attached

Proposed Arguments Regarding Request for DR review.

Discretionary Review Application for 4320 24th Street, permit application 2015.05.14.6375

1. We are requesting Discretionary Review because the proposed building's new third floor will shade a significant section of Noe Courts, the adjacent park to the property. There has been no public notice to park users of the project, no signs or posting at the park regarding the project, no shade study and to our knowledge, no review by the Department of Park and Recreation ("Parks Department") of the project.

   Basically, we believe the impact to a public space, Noe Courts Park, was not taken into consideration by the developer and unfortunately the Parks Department has not had an opportunity to review the impact of the Project and communicate with Park users. We were informed that the Parks department only received a generic notice to its main office of the Project.

   While the height of the proposed project will not exceed 40 feet, which per Proposition K is the threshold for requiring a shade study, it is obvious that a full story of a vertical addition will deprive Noe Courts Park of the afternoon sun to a significant extent. See attached pictures to this application. We believe the project will cause significant shading to a large section of the park (from the tennis courts and the kids play area) in the late afternoons (a peak period of park use). This shading will reduce the use of a public space for the sole benefit of a private developer.

   Despite promises to neighbors, the developers never conducted a shade study on the effect to the increased height of the proposed project. At minimum, before this project moves forward, a formal shade study should be conducted, park users and the community notified and the project mitigated to minimize the impact to the open space and park.

   See attached letter from Parks Alliance regarding their concern of the project.

   We also believe the planning department should consider the purpose and intent of Proposition K, the "Sunlight ordinance" in reviewing this project.

Prop K clearly evidenced San Franciscans desire to protect the sunlight to our parks and open spaces.

In addition to the impact on Noe Courts, we are requesting a Discretionary Review as we believe the house to be massive house and out of context with the neighboring homes. (6)

.The vertical addition runs counter to the RDG recommendations for respecting the site topography and stepping down rooflines (RDG p.11) which states:

"New buildings and additions to existing buildings cannot disregard or significantly alter the existing topography of a site. The surrounding context guides the manner in which new structures fit into the streetscape, particularly along slopes and hills. This can be achieved by designing the building so it follows the topography in a manner similar to surrounding buildings."

The subject property's immediate surround includes three houses up the hill on 24th Street that are just one-story over the garage structures. Building a structure twice as tall at the bottom of the hill on this block is clearly a disregard for the site topography and roof line progression. Furthermore, this will be an anomaly fully visible from the public right-of-way on 24th. Street due to the absence of a neighboring structure on the East side that will result in unobstructed views of this out of scale vertical addition.

Also, the property is already over developed with little room left for the rear yard. Adding a vertical addition to this structure will leave the adjacent neighbors feeling "boxed-in" (RDG p. 26).

Also, RESIDENTIAL DESIGN PRINCIPLE: Design buildings to be responsive to the overall neighborhood context, in order to preserve the existing visual character (p.7, RDG). We believe this project will be out of context with the Park and the neighboring homes and therefore not in conformity to the Residential Design Guidelines.

2. Noe Courts is a heavily used park and is an important open space for families and community members in Noe Valley. After school lets out, the park is often packed with kids playing on the tennis courts, families using the kids play area, adults relaxing and picnicking and much dog walking. All enjoining the open space and sun of the park.

Unfortunately, the project's new third floor will certainly cast shadows over Noe Courts Park and therefore impact permanently park users. We believe this impact should have been studied by the Park's Department and Developer and park users notified with signage and community meetings held regarding the potential impact to park by the project.

Also, the owners are increasing the number of windows facing the Park. Given this is very active ball playing area; it is likely that the increase in the windows will lead to broken windows by park users. Therefore, the glass to solid ratio is questionable and in particular, the number of windows on the proposed East Elevation is excessive.

Also, there may be additional safety issues that should be reviewed as the park will be darker as result of the Project.

We also believe the vertical addition runs counter to the RDG recommendations for respecting the site topography and stepping down rooflines (RDG p.11) (i.e., the increase in height and immediate drop to the park level has no stepping down but has the opposite effect).

Also, the vertical addition shall negatively impact neighboring homes, blocking light and boxing them in as well adversely affecting the look of the neighborhood and block with a massive new structure right on the park next to row of currently similar sized homes.

3. We believe a redesign focused on a reduction in height is required. We would recommend a reduction in the height of the project (ideally no or much smaller third floor) so as to minimize the impact to the park and park users and so that the home topography continues to match the other homes on 24th Street.

SAN FRANCISCO
Parks Alliance
OUR CITY, OUR PARKS.

1663 Mission St., Suite 320
San Francisco, CA 94103-2486
www.sfparksalliance.org
(415)621-3260 voice
(415)703-0889 fax

May 17, 2016

Erika Jackson
SF Planning Department
1660 Mission St.
San Francisco, CA 94103

Regarding: 4320 24th St., Application 2015.05.14.6375

Dear Ms. Jackson:

I am writing to express the Parks Alliance's grave concern about the potential shadow impacts on the Noe Courts park and playground adjacent to this project. As the fiscal sponsor for Friends of Noe Courts, the Parks Alliance requests a briefing on the shadow impact of this project and also that a shadow impact study be considered for this particular project prior to a permit being issued.

We are aware that the project is lower than the 40 feet height threshold that would automatically trigger a shadow impact study under Prop. K. However, this park is heavily used in the afternoon hours, and we are concerned that additional shadow may significantly impair the public's use and enjoyment of the park and tennis courts.

We appreciate your prompt attention to this urgent matter and look forward to your response. To arrange a briefing, please contact Rachel Norton, our Director of External Affairs at 415-801-4161 or rachel@sfparksalliance.org.

Sincerely,

Matt O'Grady
Chief Executive Officer
San Francisco Parks Alliance

cc: Laura Norman, Friends of Noe Courts
Stacy Bradley, Recreation and Park Department
Supervisor Scott Wiener

Applicant's Affidavit

Under penalty of perjury the following declarations are made:
a: The undersigned is the owner or authorized agent of the owner of this property.
b: The information presented is true and correct to the best of my knowledge.
c: The other information or applications may be required.

Signature: _____ Date: 5/18/2016

Print name, and indicate whether owner, or authorized agent:

Lawrence Kane

Owner / Authorized Agent (circle one)

Discretionary Review Application Submittal Checklist

Applications submitted to the Planning Department must be accompanied by this checklist and all required materials. The checklist is to be completed and **signed by the applicant or authorized agent.**

REQUIRED MATERIALS (please check correct column)	DR APPLICATION
Application, with all blanks completed	☑
Address labels (original), if applicable	☑
Address labels (copy of the above), if applicable	☑
Photocopy of this completed application	☑
Photographs that illustrate your concerns	✓
Convenant or Deed Restrictions	
Check payable to Planning Dept.	☑
Letter of authorization for agent	☑
Other: Section Plan, Detail drawings (i.e. windows, door entries, trim), Specifications (for cleaning, repair, etc.) and/or Product cut sheets for new elements (i.e. windows, doors)	

NOTES:
☐ Required Material.
Optional Material.
○ Two sets of original labels and one copy of addresses of adjacent property owners and owners of property across street.

For Department Use Only
Application received by Planning Department:

By: M. Corretti Date: 5/18/16

Affidavit for Notification Material Preparation

Notification Map, Mailing List, and Mailing Labels

Please submit this completed Affidavit with Notification Materials. Notification Materials are required for projects subject to Neighborhood Notification and certain Planning Department applications (e.g. Conditional Use Authorization, Variance, etc.).

I, JERRY BROWN, do hereby declare as follows:

1. I have prepared the Notification Map, Mailing List, and Mailing Labels for Public notification in accordance with Planning Department requirements as referenced in the Planning Code.

2. I understand that I am responsible for the accuracy of this information, and that erroneous information may require re-mailing or lead to suspension or revocation of the permit.

3. I have prepared these materials in good faith and to the best of my ability.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on this day, 9.10.2016 (Date) in San Francisco.

(Signature)

JERRY BROWN

Name (Print), Title

MAP

Relationship to Project, e.g. Owner, Agent (if Agent, give business name and profession)

9320 24th ST

Project Address

2829 / 030

Block / Lot

























Jackson, Erika

From: Kane, Larry <lkane@orrick.com>
Sent: Wednesday, April 27, 2016 3:46 PM
To: Jackson, Erika
Subject: Freedom of Information Request regarding Permit Application for home at 4320 24th Street, San Francisco, CA

Follow Up Flag: Follow up
Flag Status: Completed

Dear Erika

We have been traveling and received the 311 notice regarding the permit application for the construction project located at 4320 24th Street last week.

We have lived a few doors up from 4320 24th Street for 18 years and were surprised we had never received any prior notices or communications regarding this project.

As you may not know, the current proposed design of new "Monster House" in Noe Valley on 24th Street troubles us and many of our neighbors.

On our initial review of the planned design included in the notice, the home appears to be out of scale and character with the surrounding homes and appears to negatively affect the light of neighboring homes and park.

Also, as you may not know, Noe Courts has gone through a complete proposed redesign (recently approved by the Rec and Park Commission). This new design has all of the court activities moved to the current tennis court area- right below the proposed new Monster House. This means that all of the basketball and kid court activities (kids use the courts to do many activities) will be right below the new project and subject to additional shading by the home. Many park users believe the current tennis court area is already too shaded by the home and the proposed increase in the height of the home will make matters worse (especially given the Noe Courts redesign). I would expect the City to be concerned about shading of public parks used by kids and families?

Was any shading studies or park impact reports conducted? Was the new Noe Courts park redesign considered?

(I also noticed new larger windows on the park side of the project—not sure how that will impact kids playing ball in this area, and the likely of broken windows given the location of the home, size of windows and likelihood of people using the court with balls in that location).

In my initial conversation with the leadership of the Friends of Noe Court (a group that has been in existence for more than 10 years), they had no prior knowledge of this proposed project and were initially troubled by the proposal. Again, to my knowledge, there have been no community meetings regarding this project's impact to the park. Can you confirm if there were any such meetings ?

Given the tight time schedule for my neighbors and I to file a Discretionary Review Application, under the San Francisco Freedom of Information Act (and similar laws), I hereby request that you send to me (via email if possible) copies of all (electronic or paper) documents, emails, memorandum, plans, notices, notes, correspondence, applications, files or other communication records regarding the proposed project at 4320 24th Street in your department's or your

possession or control as well any communication, emails or notices sent to neighbors and the Rec & Park Department or other community groups regarding this project.

I know how busy you are—please tell me if it easier for me to pick up these materials or for you to email them to me? Also, is it possible to get a full set of the plans?

While I would prefer not to file a DR Application, I am not sure what else is possible at this stage. Any suggestions would be helpful. I do not believe the developer will voluntary consider to slow down to consider additional objections to the project. I did talk to the owner of the home who become very upset at me and said they could have built another floor if they wanted. As they have already flipped one house, I would expect their goal is to get this project completed as quickly as possible, and flip it and move on to their next project.

However, my wife and many of our neighbors have lived on the block much longer than a decade- some over 20 years – and will need to contend with this project for many years to come and want to get it right.

My cell number is 415 606 6558 if you have any questions.

Thank you for your assistance.

ORRICK

KANE, LARRY
Technology Companies Group

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Jackson, Erika

From:	Ozzie Rohm <ozzierohm@sbcglobal.net>
Sent:	Monday, May 09, 2016 11:48 AM
To:	Jackson, Erika
Cc:	Noes Charm
Subject:	Concerns Regarding 4320 24th Street - Permit Application No.: 201505146375

Ms. Jackson,

On behalf of Protect Noe's Charm neighborhood organization, I am writing to express our concerns regarding the proposed project at 4320 24th Street. As there are many points within the San Francisco Residential Design Guidelines (RDG) that this project falls on, we are puzzled as to how the Planning Department has ignored these in order to recommend approval. Specifically, our concerns are as follows:

1. The proposed project is adjacent to a public park and recreation center. A tall vertical addition such as the one proposed will certainly cast shadows over Noe Courts Park and therefore, the impact should have been considered prior to approving this project. To the best of our knowledge, no shade study was done to assess this impact and given the fact that this park is a public resource for all Noe Valley residents, there should have been ample attention paid to protecting it from negative impact of a private property's development.

2. The glass to solid ratio is questionable and in particular, the number of windows on the proposed East Elevation is excessive.

3. The vertical addition runs counter to the RDG recommendations for respecting the site topography and stepping down rooflines (RDG p.11):

   New buildings and additions to existing buildings cannot disregard or significantly alter the existing topography of a site. The surrounding context guides the manner in which new structures fit into the streetscape, particularly along slopes and hills. This can be achieved by designing the building so it follows the topography in a manner similar to surrounding buildings.

   The subject property's immediate surround includes three houses up the hill on 24th Street that are just one-story over the garage structures. Building a structure twice as tall at the bottom of the hill on this block is clearly a disregard for the site topography and roof line progression. Furthermore, this will be an anomaly fully visible from the public right-of-way on 24th Street due to the absence of a neighboring structure on the East side that will result in unobstructed views of this out of scale vertical addition.

4. The property is already over developed with little room left for the rear yard. Adding a vertical addition to this structure will leave the adjacent neighbors feeling "boxed-in" (RDG p. 26).

We appreciate your consideration of the above issues and urge you to reconsider your approval of the proposed project in its current state.

Sincerely,

Ozzie Rohm
On behalf of the 250+ members of Protect Noe's Charm

Jackson, Erika

From: Elaine Gormsen <penngorm@gmail.com>
Sent: Thursday, May 12, 2016 2:53 PM
To: Jackson, Erika
Subject: 4320 24th Street, SF 94114

Erika Jackson, Planner
San Francisco Planning Department
1650 Mission Street, Suite 400
San Francisco, CA 94103

27 April, 2016

RE: 4320 24th Street, San Francisco, CA 94114

Dear Ms. Jackson,

We have watched with dismay as our 24th St. community is gradually but assuredly changing. Although of course change can often be good, sometimes it is to the detriment of the people who live there, affecting their quality of life and enjoyment of the neighborhood. We feel that the proposed addition to 4320 24th St. is not in the best interests of our community. We are a block of lovely but somewhat modest homes, uniformly of a common and pleasing height. The addition of another floor to the subject house will not be in keeping with the row. It also has the potential to open the door to other expansions that will forever change the tenor of our charming street.

But more importantly, it will block the afternoon sun from the west. Of particular concern is the loss of light to the teniss courts, playground and park directly adjacent to it. The park is a well-loved meeting ground for our community, providing enjoyment to children, adults, and dogs alike. We all take pleasure in its sunny environs, including the landscaping that thrives because of the sun's nourishment. It would be a shame to lose the afternoon sun in such a popular neighborhood gathering spot, particularly as people get off work in the late afternoons and play tennis or congregate with their neighbors, children, and dogs.

While we understand that San Francisco is growing and there is no where to go but up, this extra story does not provide an additional housing unit, but merely a bigger house. We have seen this type of renovation before from other "flippers" who have no vested interest in the neighborhood, just in the money they make from enlarging and then flipping the house.

For the reasons listed above, we – longtime residents and home owners in this vibrant and beautiful neighborhood – respectfully ask that you not approve a third story addition to this house.

Sincerely,
Paul and Elaine Gormsen
4384 24th Street
San Francisco, CA 94114

Mayor Edwin M. Lee
Philip A. Ginsburg, General Manager

May 17, 2016

Erika Jackson
San Francisco Planning Department
1450 Mission St, 4th Floor
San Francisco, CA 94103

Subject: Proposed Project at 4320 24th Street

Dear Ms. Jackson:

Thank you for sending over the project plans for 4320 24th Street. It is our understanding that the project proposes to add a story to an existing two story building. Along with the new floor, the renovation of the single family house will include additional balconies and windows facing Noe Courts, a park under the jurisdiction of Recreation and Park Department.

Noe Courts is a much loved resource in the community. A Community Opportunity Fund grant was received in 2011 and a master plan was developed in 2014. The restroom at Noe Courts was recently renovated in February 2016 and a project with the following elements identified in the Master Plan is expected to begin this summer: 1) create an accessible path from the playground to the restroom, 2) add new site furniture, and 3) restore the lawn with improved drainage and irrigation.

As you know, additional shadow on our parks is always a concern to the Department. As you review the design of this building, please take into consideration the additional shadow and its impacts to park users. We understand that, as specified in the Planning Department's Guidance Memo to Planning Department Staff and Shadow Analysis Consultants (July 2014), a shadow study was not triggered under Planning Code Section 295 because the building is under 40' tall. We encourage the Planning Department to undertake analysis, as it deems sufficient, to understand the effects of the proposed project on its neighboring park.

Please keep us in the loop as this project moves through the Planning Department's process.

All the best,

Stacy Radine Bradley
Deputy Director of Planning, Capital and Planning Division

cc: Philip Ginsburg, General Manager
Sarah Jones, Environmental Review Officer, Planning Department

Jackson, Erika

From: ryanhyoung@gmail.com on behalf of Ryan Young <ryanhyoung@chicagobooth.edu>
Sent: Wednesday, May 18, 2016 9:02 PM
To: Jackson, Erika
Subject: Comment re: Permit No. 2015.05.14.6375 - 4320 24th Street - Concert about unintentional negative impact on users of Noe Courts Park

Comment re: Permit No. 2015.05.14.6375

Dear Ms. Jackson,

I am writing because I would like to express a strong concern regarding the permit for Alteration - No. 2015.05.14.6375. The issue is that since this property is directly adjacent to the tennis court of Noe Courts Park, the increase in height of this property will almost certainly result in a large shadow late in the day on the tennis court and possibly the basketball court and beyond. This will be particularly severe at certain times of the year depending on the orientation of the sun. I have already noticed a shadow from the property as it stands now, so an increase will only exacerbate the issue. I hope that this concern can be alleviated by a change in design, and perhaps it has already been considered. However, I hope the SF Planning Department does not approve a permit that would reduce the amount of daylight available to an important part of an important shared neighborhood park. At the very least, input from the users of Noe Courts Park, as well as the general neighborhood, should be obtained.

I am forwarding a copy of this to the SF Parks and Rec Department, and to Supervisor Wiener, to make sure they are aware of the potential impact on Noe Courts Park.

Sincerely,

Ryan Young

--
-

Jackson, Erika

From: Katherine Kodama <nerdychick2001@gmail.com>
Sent: Wednesday, May 18, 2016 9:26 AM
To: Jackson, Erika
Subject: Application #2015.05.146375

Erika Jackson
Planning Department

Re: 4320 24th Street. San Francisco 94114
Application #2015.05.146375

Dear Ms. Jackson:

I live at 4372 24th Street. My family and I have lived here since 1993. I was born and raised in San Francisco. I raised my family here.

I wish to convey my concern regarding the remodeling project of the above property. The addition of a third floor will change the nature of these charming row of houses. This property currently is one of four - two story homes that line this block and building a 3 story home would significantly alter the lovely repetition. San Francisco has a unique look. You know when a commercial or movie was filmed here because you notice the stylistic signature of San Francisco architecture. And, it isn't all Victorians and Edwardians that capture that sense, it is also these more modest homes that grace our city.

The increase in square footage does not add to the housing stock. Furthermore, it doesn't take much imagination to envision the effect a 3rd story will have on the adjoining, popular public park, Noe Courts. The additional 11 feet to the height will alter the sun/shade in the space used by many.

I hope the Planning Department will seriously consider how the proposed construction will negatively impact the neighbors. I have spoken to two of the neighbors and it sounded like they will have their light and view negatively impacted. Just because you can build it doesn't mean you should.

Having to combat a project is a terrible process for all parties. However, more people are negatively affected by the construction than the one family who is proposing the change. These neighbors bought their homes years ago, made a commitment to the neighborhood, spent money in improving their home and now, a proposed remodel will dramatically change their living space. That doesn't seem fair.

I hope that the Planning Department will continue to help shape and protect the beauty of our city and say "no" to the proposed third story addition. Thank you for your attention.

Sincerely,

Katherine Kodama

Noe Neighborhood Council

Neighbors committed to fair planning for Noe Valley



September 12, 2016

San Francisco Planning Commissioners
San Francisco Planning Department
1650 Mission Street, Suite 400
San Francisco, CA 94103

Re: Discretionary Review Hearing for 4320 24th Street - Permit Application No.: 201505146375

President Fong, Vice President Richards, and Commissioners:

On behalf of Noe Neighborhood Council, I am writing to express our concerns regarding the proposed project at 4320 24th Street. As there are many points within the San Francisco Residential Design Guidelines (RDG) that this project falls on, we are puzzled as to how the Planning Department has ignored these in order to recommend approval. Specifically, our concerns are as follows:

1. The proposed project is adjacent to a public park and recreation center. A tall vertical addition such as the one proposed will certainly cast shadows over Noe Courts Park and will block the public views of Twin Peaks for the park users. Given the fact that this park is a public resource for all Noe Valley residents, there should have been ample attention paid to protecting it from negative impact of a private property's development.

2. The vertical addition runs counter to the RDG recommendations for respecting the site topography and stepping down rooflines (RDG p.11):

   New buildings and additions to existing buildings cannot disregard or significantly alter the existing topography of a site. The surrounding context guides the manner in which new structures fit into the streetscape, particularly along slopes and hills. This can be achieved by designing the building so it follows the topography in a manner similar to surrounding buildings.

   The subject property's immediate surround includes three houses up the hill on 24th Street that are just one-story over the garage structures. Building a structure twice as tall at the bottom of the hill on this block is clearly a disregard for the site topography and roof line progression. Furthermore, this will be an anomaly fully visible from the public right-of-way on 24th Street due to the absence of a neighboring structure on the East side that will result in unobstructed views of this out of scale vertical addition.

That is why we urge you to protect our public park, stand up for enforcement of the RDG and to reject this project altogether.

Sincerely,

Ozzie Rohm

On behalf of the 250+ members of Noe Neighborhood Council

RESPONSE TO

DISCRETIONARY REVIEW (DRP)

San Francisco Planning

SAN FRANCISCO PLANNING DEPARTMENT
1650 MISSION STREET, SUITE 400
SAN FRANCISCO, CA 94103-2479
MAIN: (415) 558-6378 SFPLANNING.ORG

Project Information

Property Address: 4320 24th Street Zip Code: 94103

Building Permit Application(s): 2015.05.14.6375

Record Number: 2015-006856DRP-02 Assigned Planner: Erika Jackson

Project Sponsor

Name: ROSS LEVY / KAREN ANDERSEN Phone: 415.641.7320

Email: karen@levy22.com

Required Questions

1. Given the concerns of the DR requester and other concerned parties, why do you feel your proposed project should be approved? (If you are not aware of the issues of concern to the DR requester, please meet the DR requester in addition to reviewing the attached DR application.)

SEE ATTACHED

2. What alternatives or changes to the proposed project are you willing to make in order to address the concerns of the DR requester and other concerned parties? If you have already changed the project to meet neighborhood concerns, please explain those changes and indicate whether they were made before or after filing your application with the City.

SEE ATTACHED

3. If you are not willing to change the proposed project or pursue other alternatives, please state why you feel that your project would not have any adverse effect on the surrounding properties. Include an explaination of your needs for space or other personal requirements that prevent you from making the changes requested by the DR requester.

N/A

Project Features

Please provide the following information about the project for both the existing and proposed features. **Please attach an additional sheet with project features that are not included in this table.**

	EXISTING	PROPOSED
Dwelling Units (only one kitchen per unit - additional kitchens count as additional units)	1	1
Occupied Stories (all levels with habitable rooms)	2	3
Basement Levels (may include garage or windowless storage rooms)	Ø	Ø
Parking Spaces (Off-Street)	1	2
Bedrooms	3	4
Height	19'	30'. 9"
Building Depth	71'. 8"	71'. 8"
Rental Value (monthly)	–	–
Property Value		

I attest that the above information is true to the best of my knowledge.

Signature: [signature]

Printed Name: KAREN ANDERSEN

Date: 09.08.16

☐ Property Owner
☑ Authorized Agent

If you have any additional information that is not covered by this application, please feel free to attach additional sheets to this form.

1.

Proposed design has followed the Planning Code requirements and is asking for no special consideration or variance.

Proposal is well within the buildable envelope allowed in building length, height and unit count, for RH-2 zoning and 40-X height limit. Proposal does not add to existing building length.

Proposed building follows the typical block's massing (3-stories) and maintains the existing street façade. The 3rd story addition is setback from front façade, maintaining its historical character.

Proposed Addition is setback from the property lines at the rear, off neighboring building and the Noe Valley playground.

The DR requestor continually refers to the Owners of the subject property as "Private Developers" in an attempt to incite scorn but actually the owners are looking to retire to this property after living in the Mission district for 11 years and looking for the last 4 years for a property like this in Noe Valley. Given that developers are not actually illegal, it is a frivolous statement.

DR Requester felt he and all park-goers should have been notified prior to the 311 notice.

The Owners and Architect followed all Planning Dept requirements regarding notification of neighbors.

Pre-application meeting with adjacent neighbors was held on 04-22-12015 and was attended by 3 neighborhood households. Discussion with these neighbors have been ongoing since. Several meeting were held and multiple email exchanges, primarily with Doug Robson, the adjacent neighbor to west.

311 notification started on 04-18-2016 to 05-18-16. An additional meeting was held with the architect and 3 neighborhood households on 05-04-2016 to hear comments and issues. These were incorporated into the latest version of plans.

DR Requester believes the SF Department of Recreation and Park should have review the project.

According to Planning, SF Recreation and Parks has deferred decisions to the Planning Department. The primary issue for RDT was the detailing of the park-side elevation (East) and they requested more detailing and/or windows to this elevation. These revisions were incorporated into design, with consideration for California Building Code, regarding property-line windows.

DR Requester believes that significant shade will be added to the tennis court and kid's play area and believed a shade study should have been done.

Based on the building's proposed height being under 40', a shadow analysis was not required. However, the Planning dept did eventually request this based on neighbor response during 311. A full analysis was done to Sect. 295 standards. The conclusion was an additional net shadow of 0.72%. There is some additional shading to tennis courts and very little to the kid's play area. Shading is similar to the existing 3-story building behind the subject property. Based on this, an exemption certificate for ERO review was given to this property.

Additionally, the owner has noticed that several groups that use the tennis courts actually prefer the shaded area so shade does not mean that the space is not usable.

DR Requester believes the home will be a massive house out of context with the neighboring homes.

From the beginning, the owners wanted to honor the traditional façade of the home with a desire was to add family bedrooms upstairs and set that floor back so that the front facade followed the street pattern. The home was originally designed to go from 2399 SF to approximately 3382 SF. After making several design changes for neighbor's concerns, the plans were reduced to 3304 SF. This does not qualify for a "massive" home by the neighborhood block's standards.

DR Requester does not like the number of windows facing the Park

There is minimal glass along the park in an effort to comply with the residential design guidelines and the owner's needs but it does comply with requirements for fire-rating and safety glazing. The Planning dept's RDT requested more windows but the architect developed more detailing on the facade as a compromise as the CBC limits the amount of unprotected openings along the property line and the fire-rated windows are an expensive option.

DR Requester is concerned about safety in the park due to the additional of shade

The very minimal amount of increased shade should not affect park usage. Again, since the owner looks out at the park, it appears that the park (which has no night lighting) is used primarily during the day for young park-goers in the kid's play area, not affected by the proposed addition during the day. The tennis court and the basketball court, which are even used in the dark, are not adversely affected by shade either.

DR Requester believes next-door neighbor Doug Robson will feel boxed

The Owner and Architect have been in extensive communication with Doug Robson and have found a compromise that addresses Doug's concerns. According to the last phone conversation, Doug has decided to withdraw his DR based on the proposed reductions.

DR Requester asks for a redesign focused on a reduction in height of the project

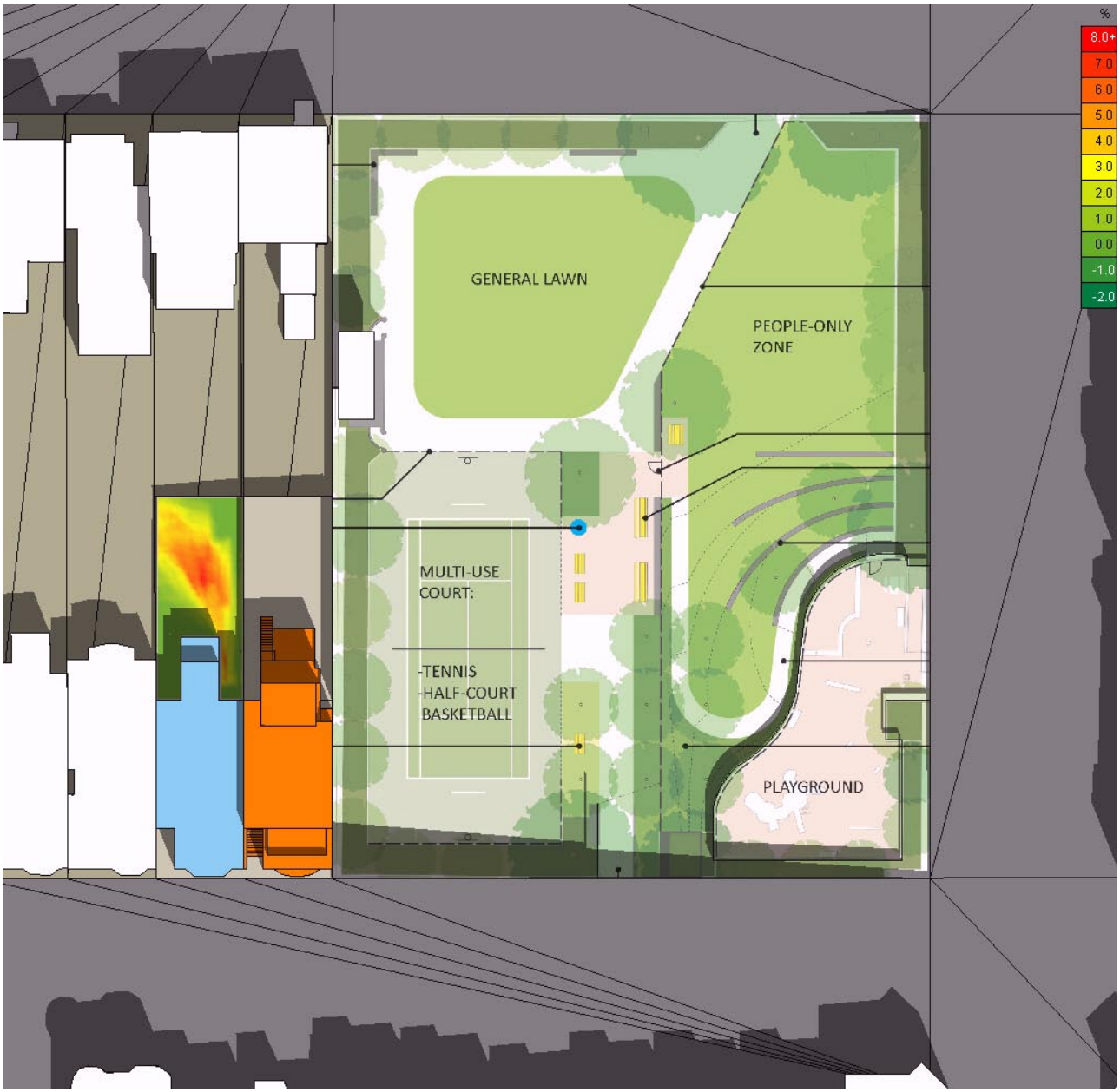
Reductions in height have been address by the compromise with Doug Robson

2.

There are proposed reduced plans that address reduction to height and the 3rd story addition's length. These revisions have been review by Doug Robson and he has verbally approved of the changes and said that he would withdraw his DR based on the implementation of these revisions. Although, we have been open to Doug's comments throughout the process (since the pre-application meeting), the comments occurred quite late in the process. These revisions were made after the site permit application was submitted.

SHADING ANALYSIS

4320 TWENTY FOUR STREET, SAN FRANCISCO CA 94114
JUNE 2016

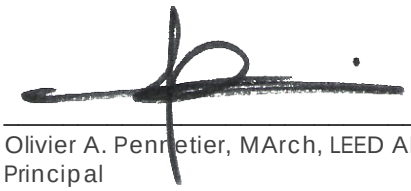


Report prepared by
SYMPHYSIS
www.symphysis.net
olivier@symphysis.net
415.290.0588

EXECUTIVE SUMMARY

SYMPHYSIS consulting was contacted by LEVY Art + Architecture to perform a shading study to assess the shading impact of the proposed residential vertical addition project at **4320 24th Street** upon the adjacent neighbor's yard to the West, at **4326 24th Street**.
Two different designs were tested; the first design V2, as submitted to the planning department. The second design V3, a variation of V2 to further mitigate any shading on the neighbor's yard at 4326 24th Street.

The conclusion of the shading study herein is that the proposed project at 4320 24th Street will increase shading on the adjacent property's back yard and reduce the amount of available hours of sunlight as follow:
Proposed Design V2: increase in shading by up to **10.2 %**, and reduction in sunlight by up to **240 hours** per year.
Proposed Design V3: increase in shading by up to **7.5 %**, and reduction in sunlight by up to **213 hours** per year.



Olivier A. Pennetier, MArch, LEED AP
Principal
07/01/2016

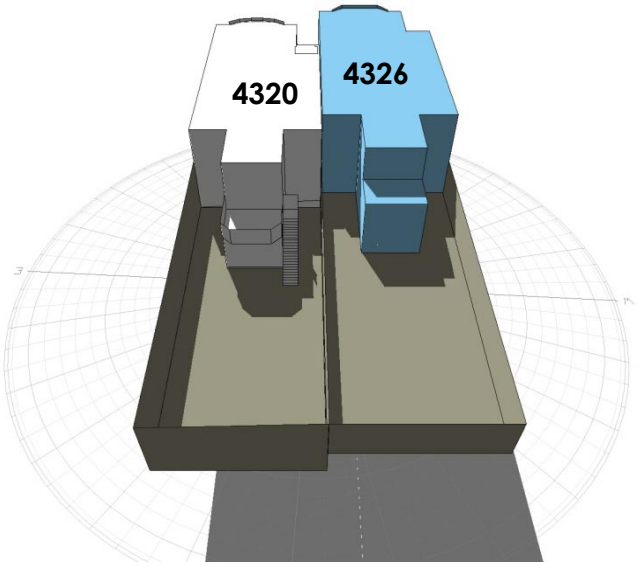
Our services consist of professional opinions and conclusions developed in accordance with generally accepted environmental design and solar engineering principles and practices. Our conclusions and recommendations are based on the information provided by the clients, USGS Digital Elevation Model and publically available Geographic Information System database.

I. SHADING STUDY METHODOLOGY

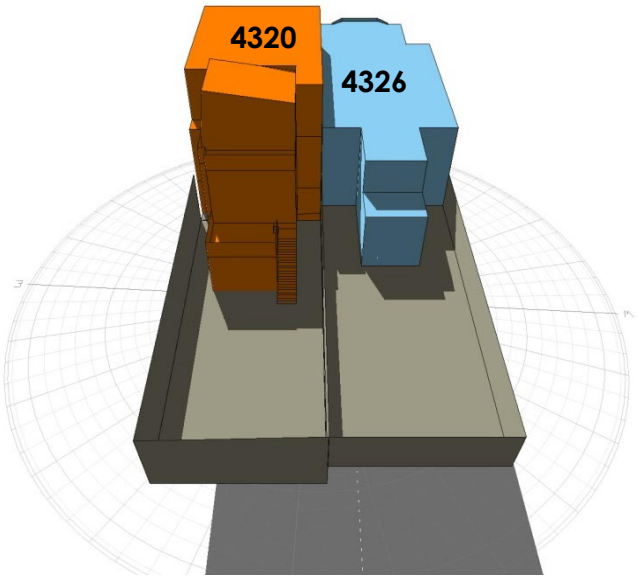
A 3D model of the subject property at 4320, and 4326 24th Street was constructed, along adjacent buildings and terrain for the entire block, and imported in the Building Analysis software Autodesk Ecotect.
Both the existing building and the two proposed versions were modeled so as to compare the shading effect of each from the original conditions.
An analysis grid was fitted to the back yard area (1,370 sq ft) of the adjacent property as the yard is of the most concern for loss of sunlight by the property owners of 4326 24th Street. These analysis grids record the amount of solar radiation and shading percentage before and after the proposed project, and show the areas of difference. This process allows us to assess the location and amount of any shading impact caused by the new addition.
The analyses were performed for the entire year on an hourly basis, from 6:48 AM to 7:35 PM (summer solstice sunrise + 1 hour, and summer solstice sunset – 1 hour), using the available weather data file (TMY3) from San Francisco. The shading analysis took in consideration the effect of building overshadowing but no trees were accounted for.



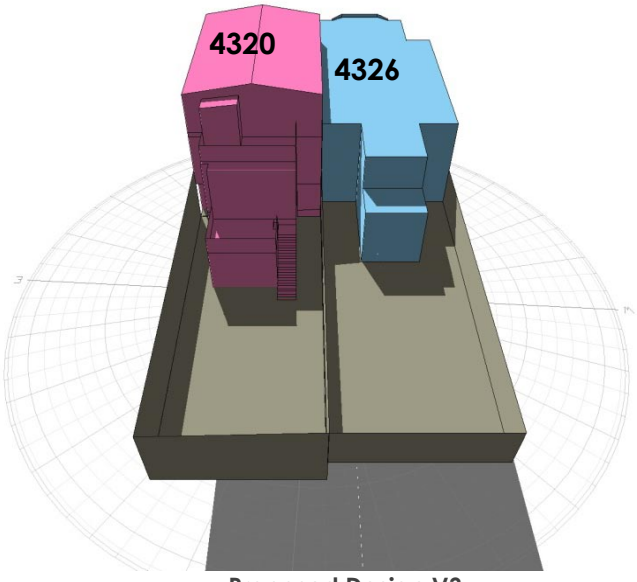
Figure 01 – 3D model of the proposed project highlighted in orange and the neighbor's property highlighted in blue.



Existing Conditions



Proposed Design V2



Proposed Design V3

Figure 02 – 3D model of the existing conditions and the two proposed designs V2 and V3.

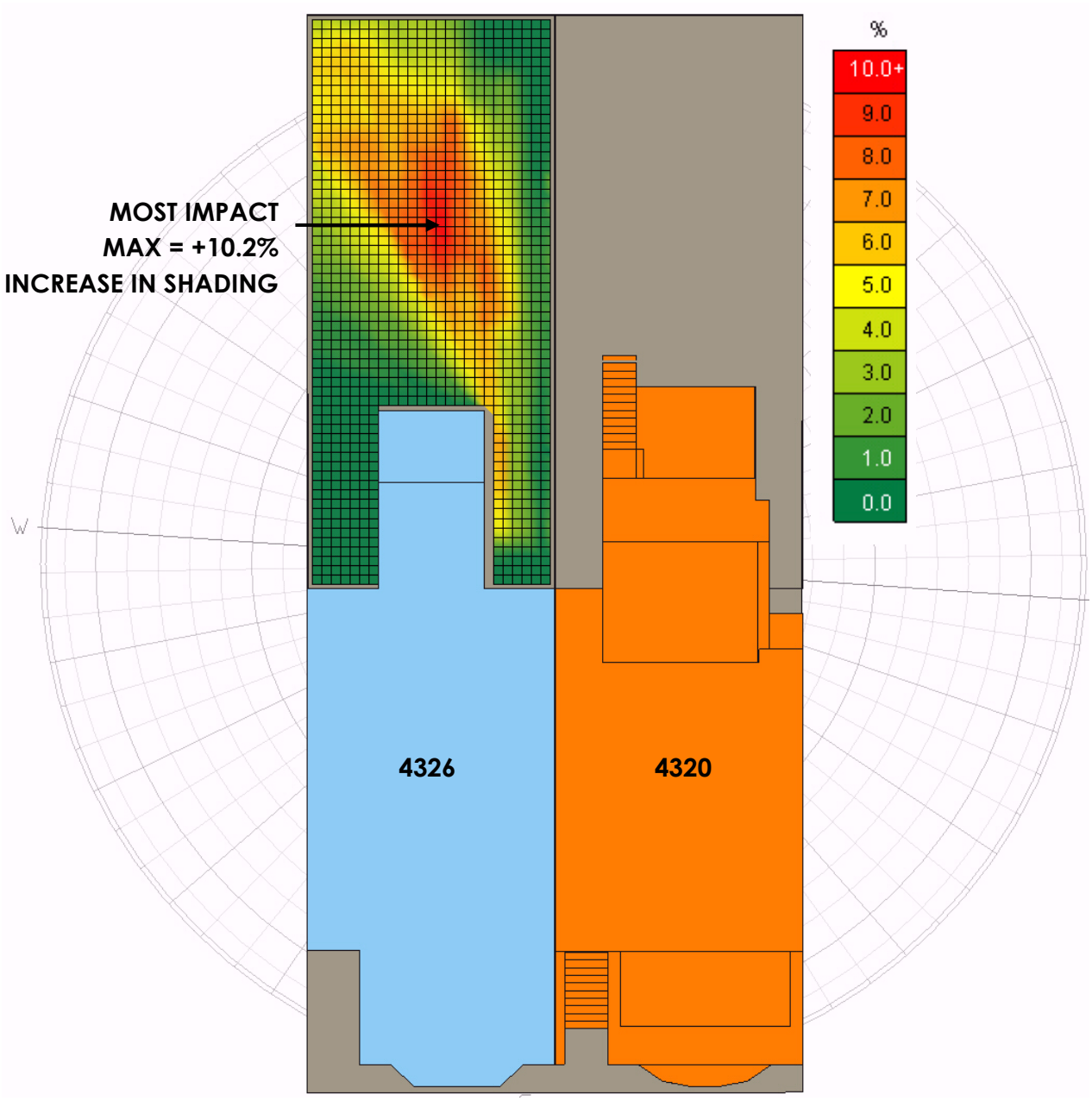
III. SHADING STUDY FINDINGS

Two analyses were performed on the analysis grid, for each proposed design:

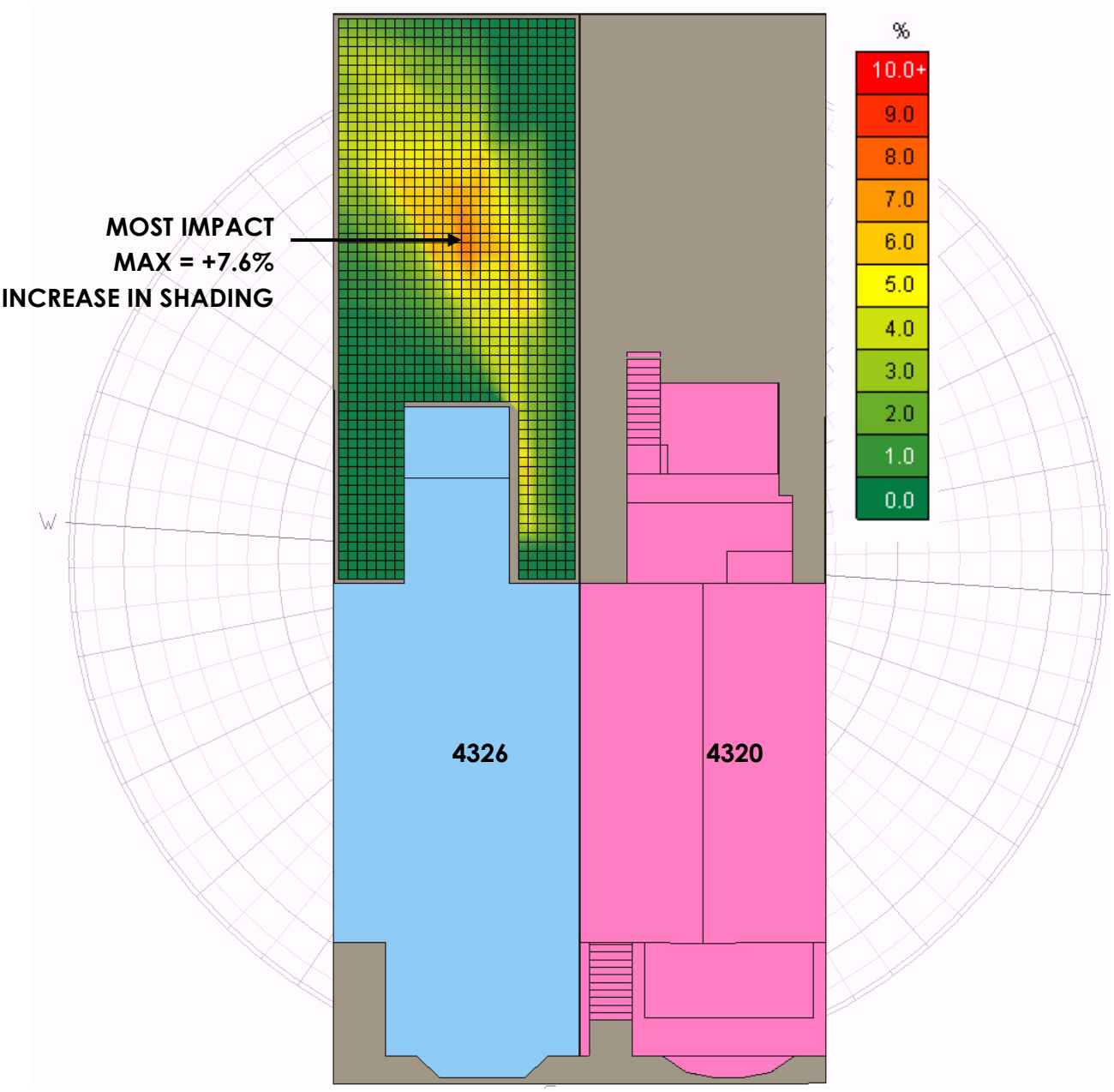
A. Shading percentage difference analysis: the percentage difference in shading between the existing conditions and the proposed designs.
B. Hour of Sunshine analysis: how many hours of sunlight reach each sensor point of the analysis grid for all conditions?

A. SHADING PERCENTAGE DIFFERENCE

Proposed Design V2:

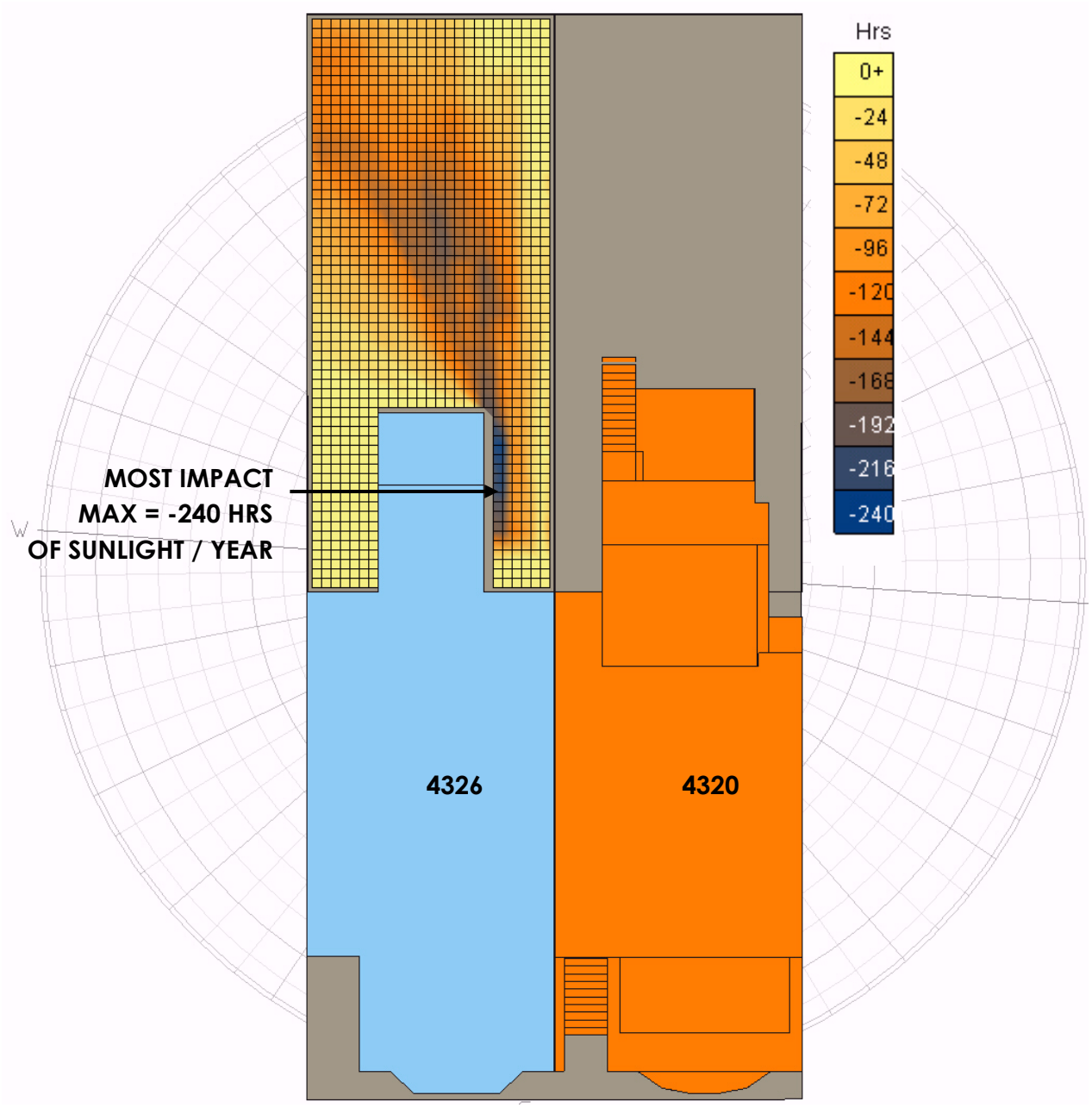


Proposed Design V3



B. HOUR OF SUNSHINE

Proposed Design V2:



Proposed Design V3:

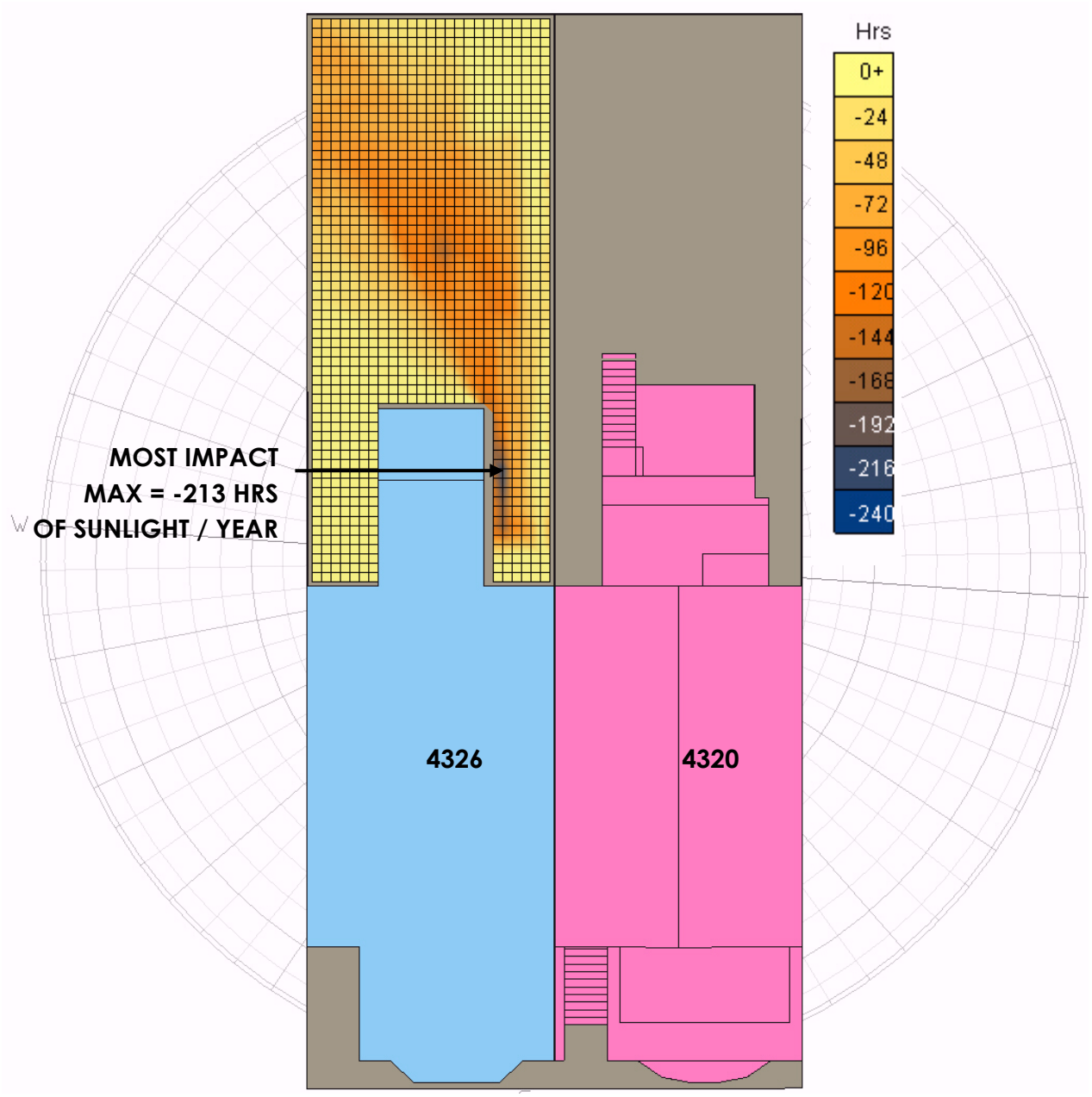


Table 1 below presents a summary of the shading calculations.

Table 01– Quantitative Shading Calculations

EXISTING CONDITIONS	
Average Yearly Available Sunlight Hours on Yard	1,503 hours / year
Average Yearly % Shading on Yard	63.2 %
PROPOSED DESIGN V2	
Average Available Sunlight Hours on Yard	1,433 hours / year = -70 hours
Maximum Loss of Sunlight on Yard	-240 hours
Average Yearly % Shading on Yard	64.9 % = + 1.7 %
Average % Difference in Shading on Yard	-3.2 %
Maximum % Difference in Shading on Yard	-10.2 %
PROPOSED DESIGN V3	
Average Yearly Available Sunlight Hours on Yard	1,458 hours / year = -45 hours
Maximum Loss of Sunlight on Yard	-213 hours
Average Yearly % Shading on Yard	64.3 % = + 1.1 %
Average % Difference in Shading on Yard	-2.0 %
Maximum % Difference in Shading on Yard	-7.5 %

SECTION 295 SHADOW STUDY

4320 TWENTY FOUR STREET, SAN FRANCISCO CA 94114
JUNE 2016

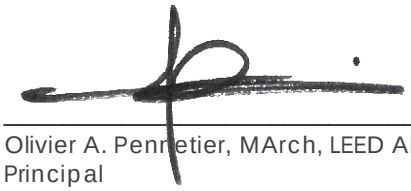


Report prepared by
SYMPHYSIS
www.symphysis.net
olivier@symphysis.net
415.290.0588

EXECUTIVE SUMMARY

SYMPHYSIS consulting was contacted by LEVY Art + Architecture to perform a shading study to assess the potential shading impact of the proposed residential vertical addition project at 4320 24th Street upon the adjacent Noe Valley Courts park located at the intersection of 24th Street and Douglass Street, following a preliminary shadow fan study from the San Francisco Planning Department.
Noe valley Courts, directly adjacent to the East of the proposed project, is a 0.93 acre park featuring tennis and basketball courts, a children playground, and a lawn area within the Recreation & Park Commission jurisdiction. **The proposed project is not over 40 feet in height**, but the planning department has asked for a section 295 shading analysis due to close proximity of the park to the proposed project.

The conclusion of the shading study herein is that the proposed project at 4320 24th Street, block 2829 /030 will project 0.72% of additional net shadow as calculated in square foot-hour onto Noe valley Courts park.



Olivier A. Pennetier, MArch, LEED AP
Principal
06/30/2016

Our services consist of professional opinions and conclusions developed in accordance with generally accepted environmental design and solar engineering principles and practices. Our conclusions and recommendations are based on the information provided by the clients, USGS Digital Elevation Model and publically available Geographic Information System database.

I.PROJECT INTRODUCTION

SYMPHYSIS consulting conducted a shadow study to assess the potential shading effects of a new project proposed by LEVY Art + Architecture located at 4320 24th Street, block 2829 Lot 030, upon the adjacent Noe Valley Courts park located at the intersection of 24th Street and Douglass Street, protected under Section 295 of the Planning Code.

The proposed project is a 3rd story vertical addition to an existing 2 story home with a proposed height of 32'-9" to the peak of the new roof. The proposed project is lower than the 40 feet height that typically triggers a section 295 study, but the Planning Department feels it is appropriate as the project is directly adjacent to the park. Noe Valley Courts is a 0.93 acre park that includes tennis and basketball courts on the west side, a children playground on the Southeast corner, and a lawn area on the Northeastern corner. The park is located directly adjacent to the East of the proposed project at the intersection of 24th Street and Douglass Street. It is under the jurisdiction of San Francisco Recreation & Parks and is open to the public from 6 am to 10 pm.



Figure 01 – Proposed Project and Noe Valley Courts location

II. SHADING STUDY METHODOLOGY

While the Planning Department's preliminary shadow fan study assess the *potential* for shading on the park, it is based on the full built zoning envelope of the proposed project, and does not account for surrounding buildings' intervening shadows that would in fact already cast shadows on the park. Thus, a more detailed and project-specific study is required.

A 3D model of the neighboring city blocks of the proposed project was developed, using Geographic Information System (GIS) database from the San Francisco Planning Department, Digital Elevation Maps (DEM), measured survey and proposed project plans provided by LEVY Art + Architecture - See Figure 02.

The 3D model was imported into the Building Performance Analysis software Autodesk Ecotect, which allows shading analyses, including shadow fans, separation of shadows, shading percentages and sunlight hours for any day and times. The Typical Meteorological Year (TMY3) weather file for San Francisco was used, and adjusted to the exact location of the proposed project.

Section 295 requires assessing the new project's overshadowing for three days of the year: June 21st, September 21st, December 21st from 1 hour after sunrise to 1 hour before sunset, and the "worst shading day" from 1 hour after sunrise to 1 hour before sunset, in steps of 1 hour increment. The sunrise and sunset times for these three days are defined by section 295 and are shown in table 01.

The building was modeled at 32'-9" feet in total height from the center of the property at the curb to the highest roof ridge – see Figure 03. The terrain was also modeled, using GIS elevation data points and property parcel layer from the San Francisco Planning Department.

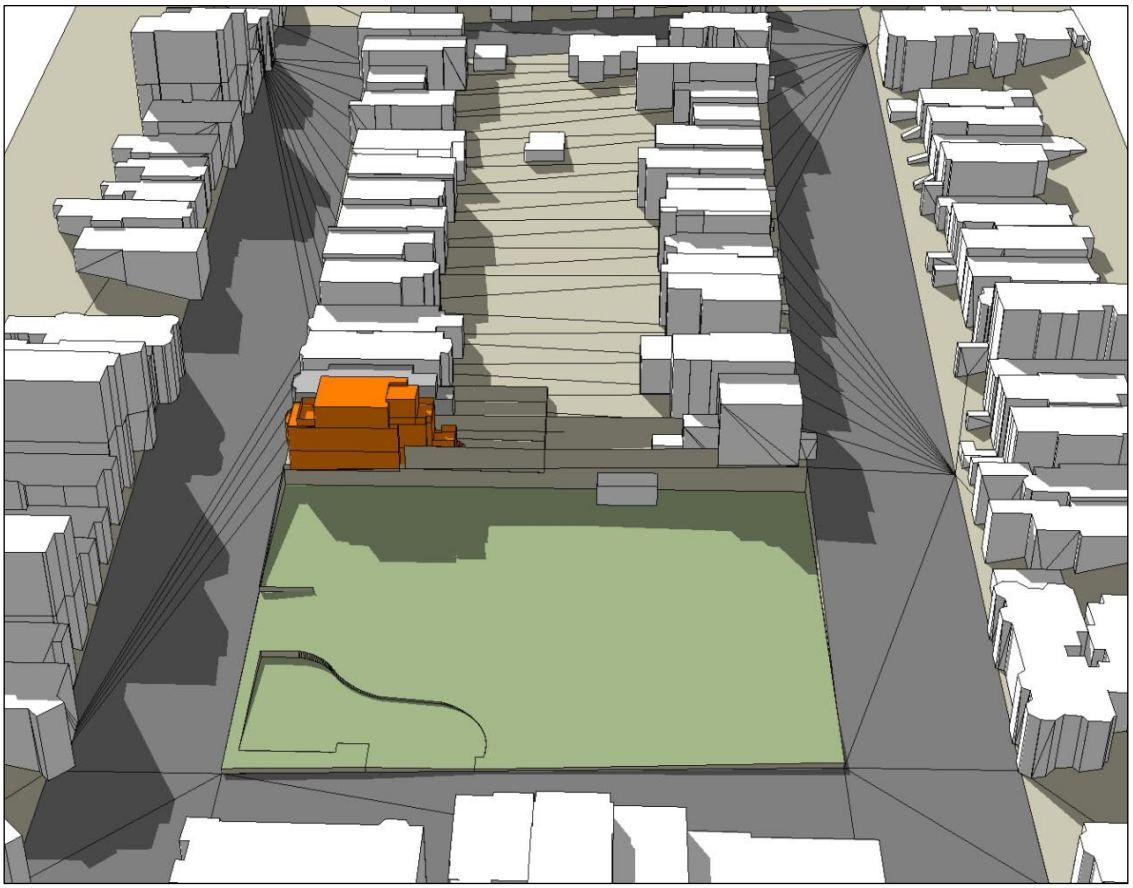


Figure 02 – 3D model of the city blocks, including the proposed project highlighted in orange.

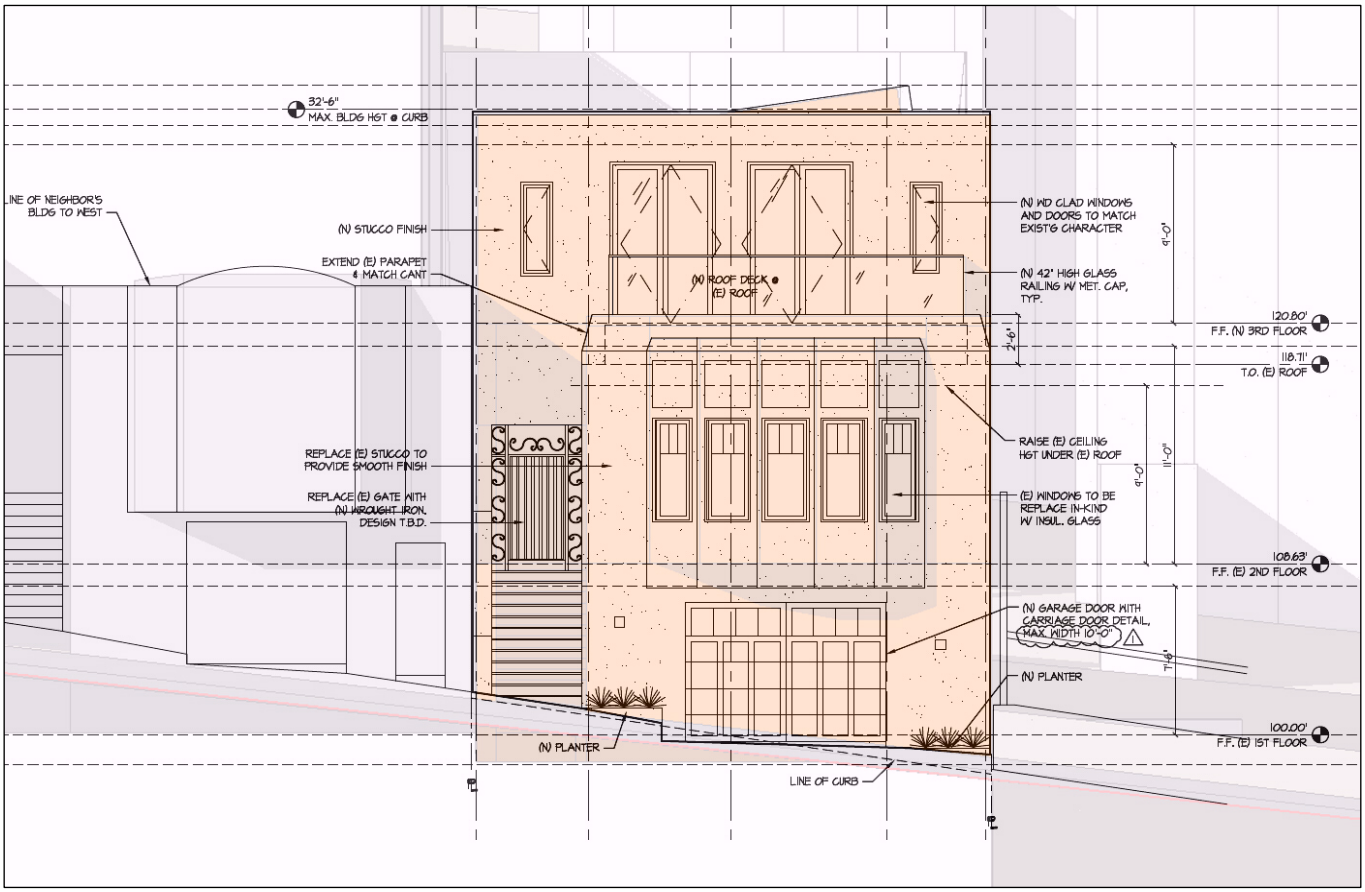


Figure 03 – 3D model of the proposed project, with Architect's drawing overlay.

Table 01- Sunrise Times and Shadow Analysis Times

DATE	Sunrise Time	Sunrise + 1 hr	Sunset Time	Sunset -1 hr
June 21st	5:48 am	6:48 am	8:35 pm	7:35 pm
September 21st	6:57 am	7:57 am	7:07 pm	6:07 pm
December 21st	7:21 am	8:21 am	4:54 pm	3:54 pm
December 30th	7:24 am	8:24 am	5:00 pm	4:00 pm

III. SHADING STUDY FINDINGS

The shading assessment required by section 295 is a multiple steps process: 1) Preliminary Shadow Fan assessment by the Planning Department to see if the proposed project has any potential for shading a protected park, 2) Project Initiation whereas the project's sponsor files for a shadow analysis application, 3) Shadow Diagrams for the required dates to verify the preliminary shadow fan assessment of the Planning Department, 4) Shadow Calculations to assess and quantify the net new shadows cast upon the adjacent park, calculated in 15 minutes interval throughout the year, and expressed in square foot hours, 5) Technical Memorandum which describes in a narrative the proposed project, the modeling assumptions, the affected properties and the quantitative shading results for the proposed project that would cast net new shadows on the park.

Table 2 below presents a summary of the shadow calculations.

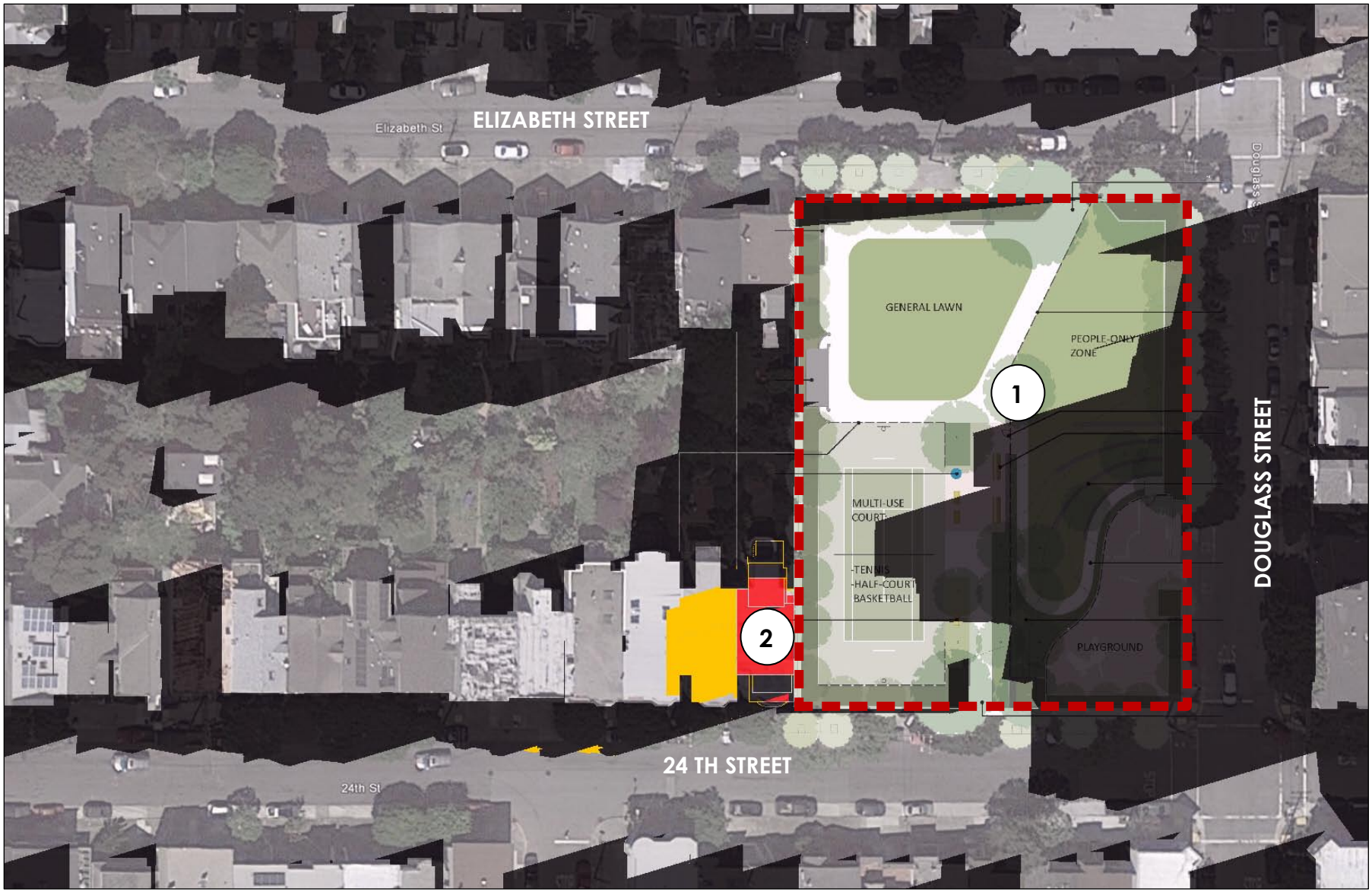
Table 02 – Quantitative Shadow Calculations

Theoretical Annual Available Sunlight (TAAS)	
Area of Noe Valley Courts	40,278.73 sq. ft.
Theoretical Hour of Annual Available Sunlight	3,721.4 hrs
TAAS	149,893,266 sq. ft· hrs
Existing Shading on Noe Valley Courts	
[E] Annual Shading on Noe Valley Courts	27,835,704 sq. ft· hrs
[E] Shading as % TAAS	18.57 %
[E] Hours of Annual Available Sunlight	3,030.3 hrs
Net New Shading on Noe Valley Courts	
[N] Additional Annual Shading on Noe Valley Courts	1,078,752 sq. ft· hrs
[N] Additional shading as % TAAS	0.72 %
[N] Reduced Hours of Annual Available Sunlight	26.8 hrs
Total Shading on Noe Valley Courts	
Total Annual Shading including Project	28,914,456 sq. ft· hrs
Total Shading as % TAAS	19.29 %
Total Hours of Annual Available Sunlight	3,003.5 hrs

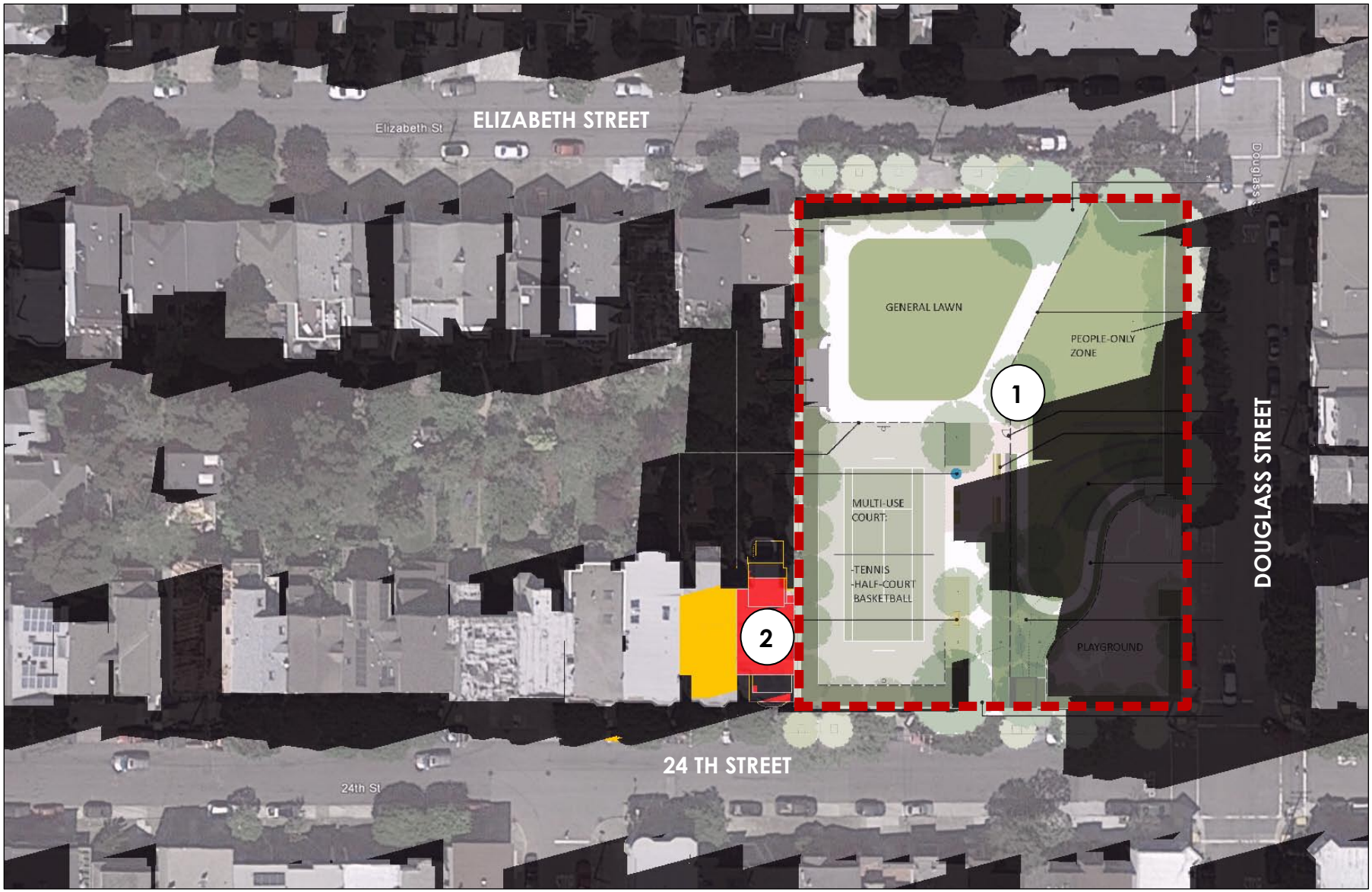
EXHIBIT A

SHADOW DIAGRAMS FOR JUNE 21ST
@ 4320 24th Street, in steps of 1 hour
From sunrise + 1 hour to sunset – 1 hour.

SHADOW DIAGRAM FOR JUNE 21ST | 6:48 AM.



SHADOW DIAGRAM FOR JUNE 21ST | 7:00 AM.



1 Noe Valley Courts

2 Proposed Project @4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR JUNE 21ST | 8:00 AM.



SHADOW DIAGRAM FOR JUNE 21ST | 9:00 AM.



SHADOW DIAGRAM FOR JUNE 21ST | 10:00 AM.



SHADOW DIAGRAM FOR JUNE 21ST | 11:00 AM.



SHADOW DIAGRAM FOR JUNE 21ST | 12:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 1:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 2:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 3:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 4:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR JUNE 21ST | 5:00 PM.

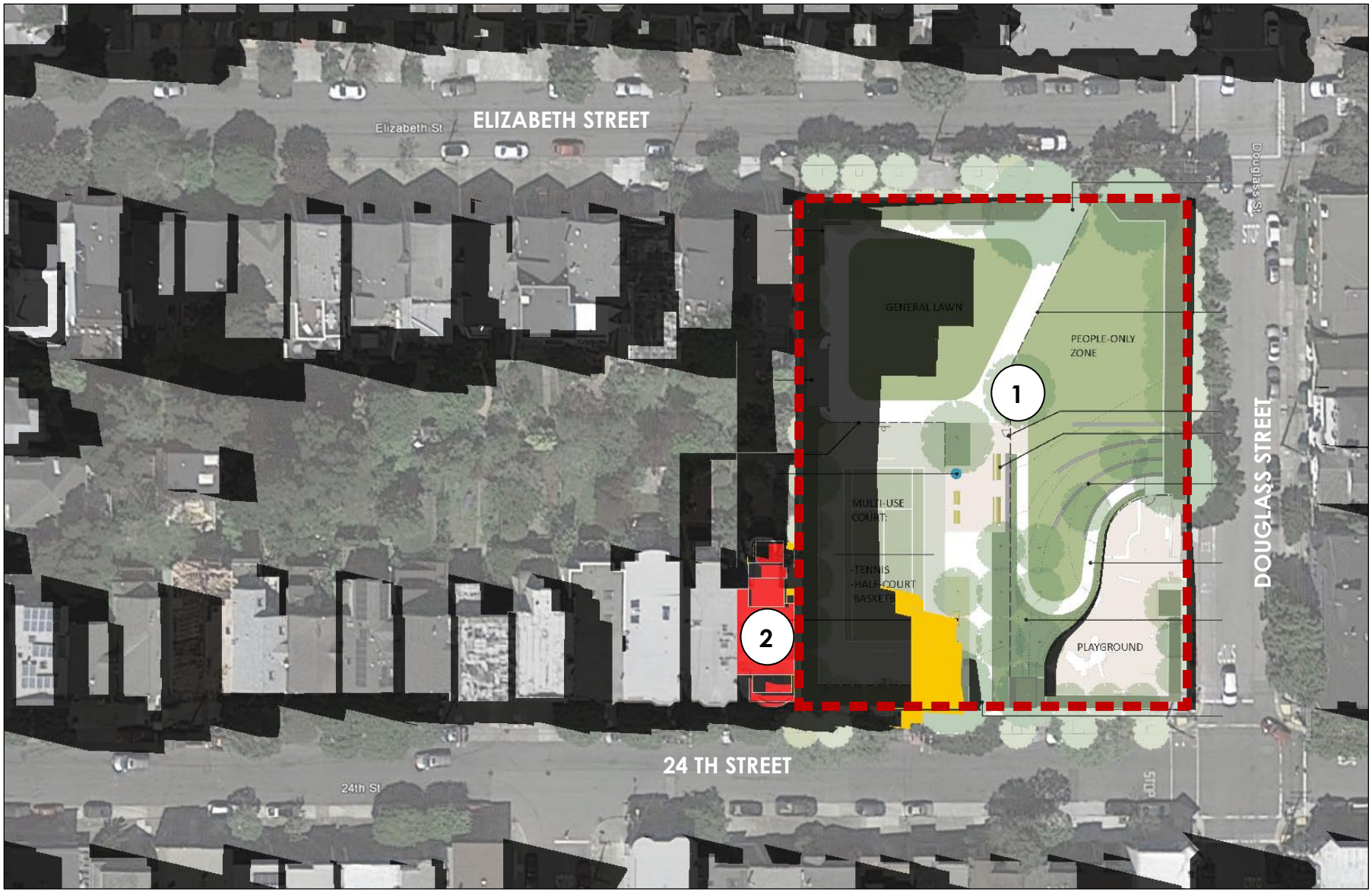


1 Noe Valley Courts

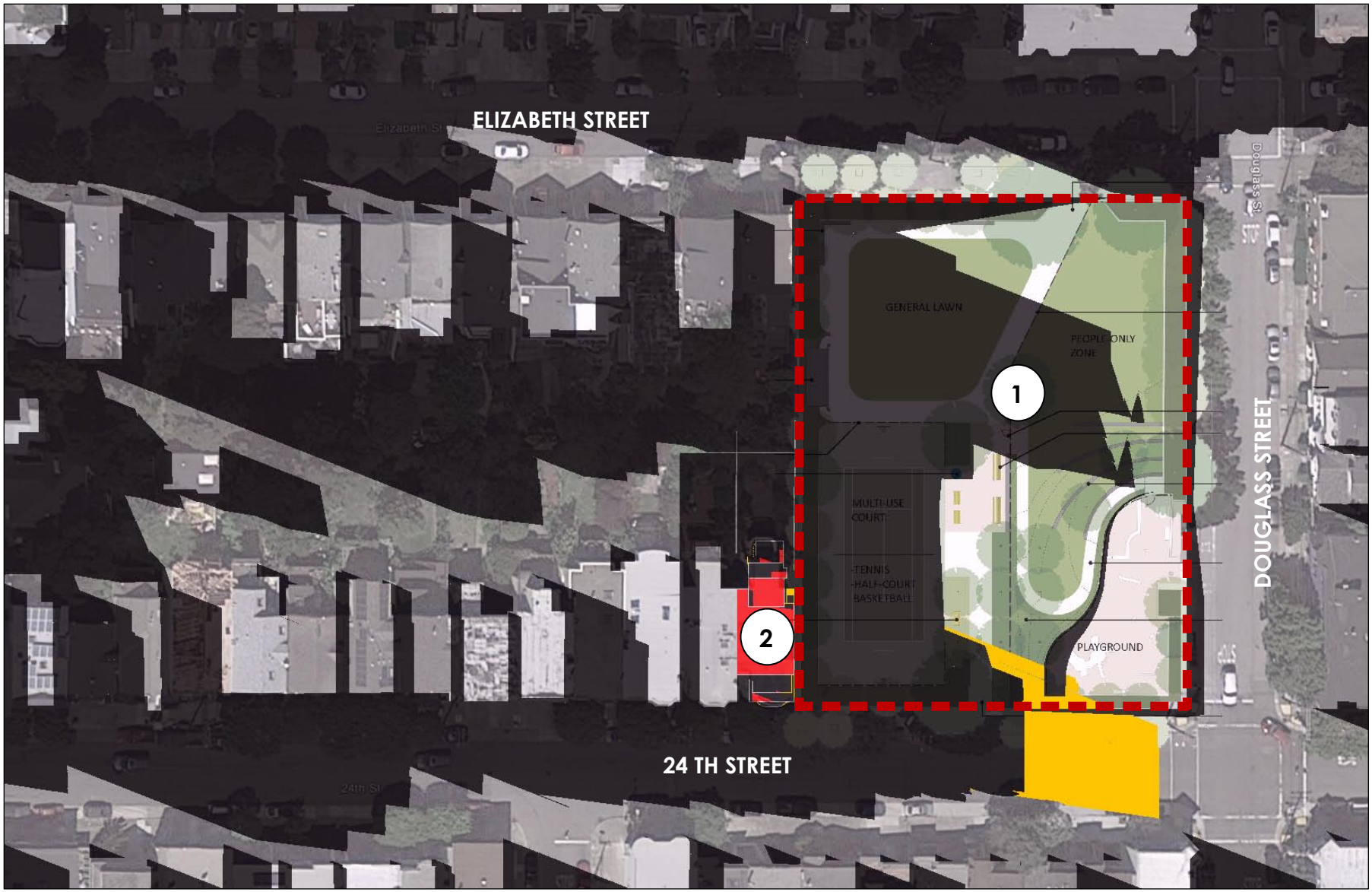
2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR JUNE 21ST | 6:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 7:00 PM.



SHADOW DIAGRAM FOR JUNE 21ST | 7:35 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

EXHIBIT B

SHADOW DIAGRAMS FOR SEPTEMBER 21ST
@ 4320 24th Street, in steps of 1 hour
From sunrise + 1 hour to sunset – 1 hour.

SHADOW DIAGRAM FOR SEPTEMBER 21ST | 7:57 AM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR SEPTEMBER 21ST | 8:00 AM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR SEPTEMBER 21ST | 9:00 AM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 10:00 AM.



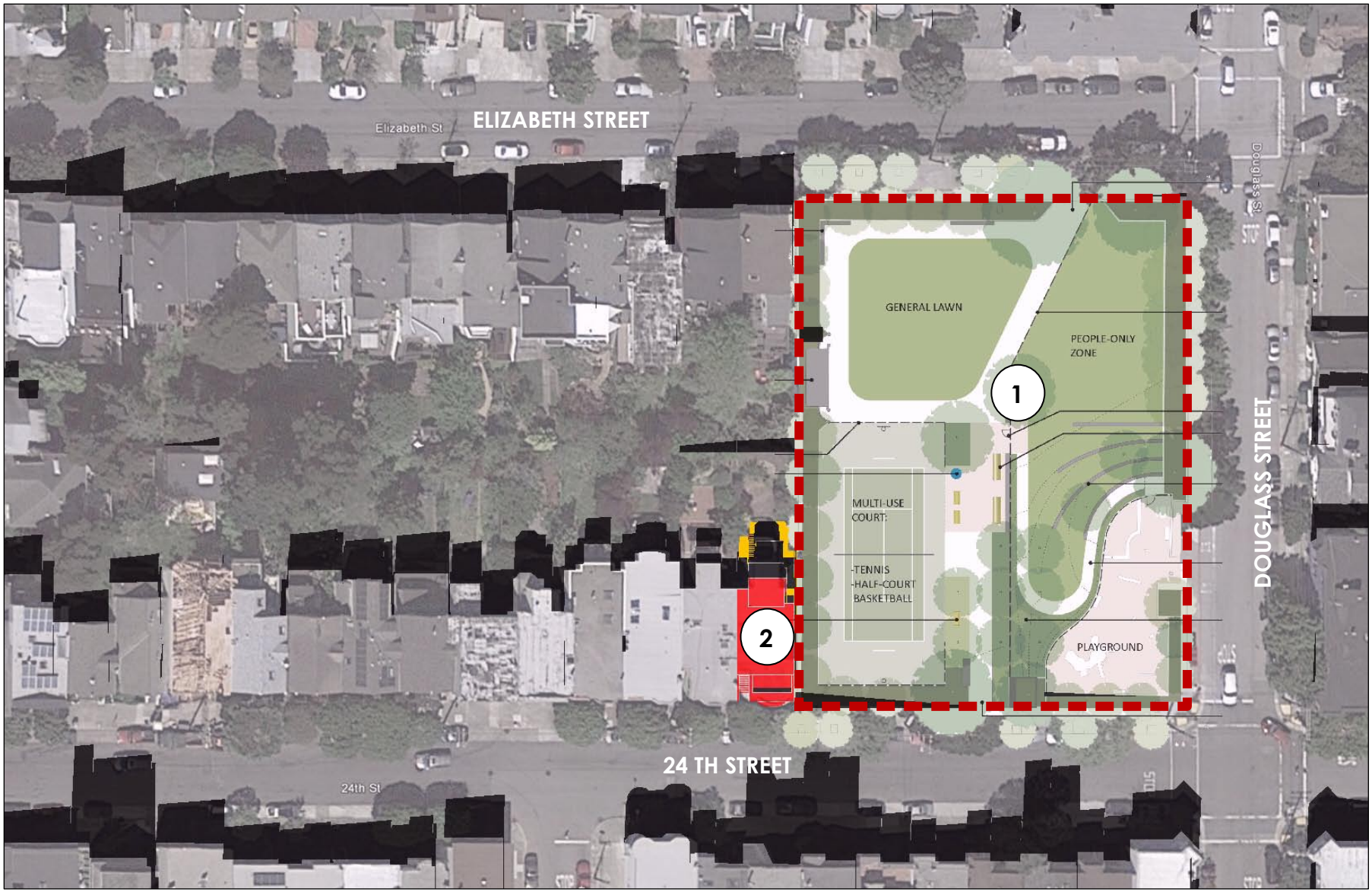
SHADOW DIAGRAM FOR SEPTEMBER 21ST | 11:00 AM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 12:00 PM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 1:00 PM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 2:00 PM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 3:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR SEPTEMBER 21ST | 4:00 PM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 5:00 PM.



SHADOW DIAGRAM FOR SEPTEMBER 21ST | 6:00 PM.



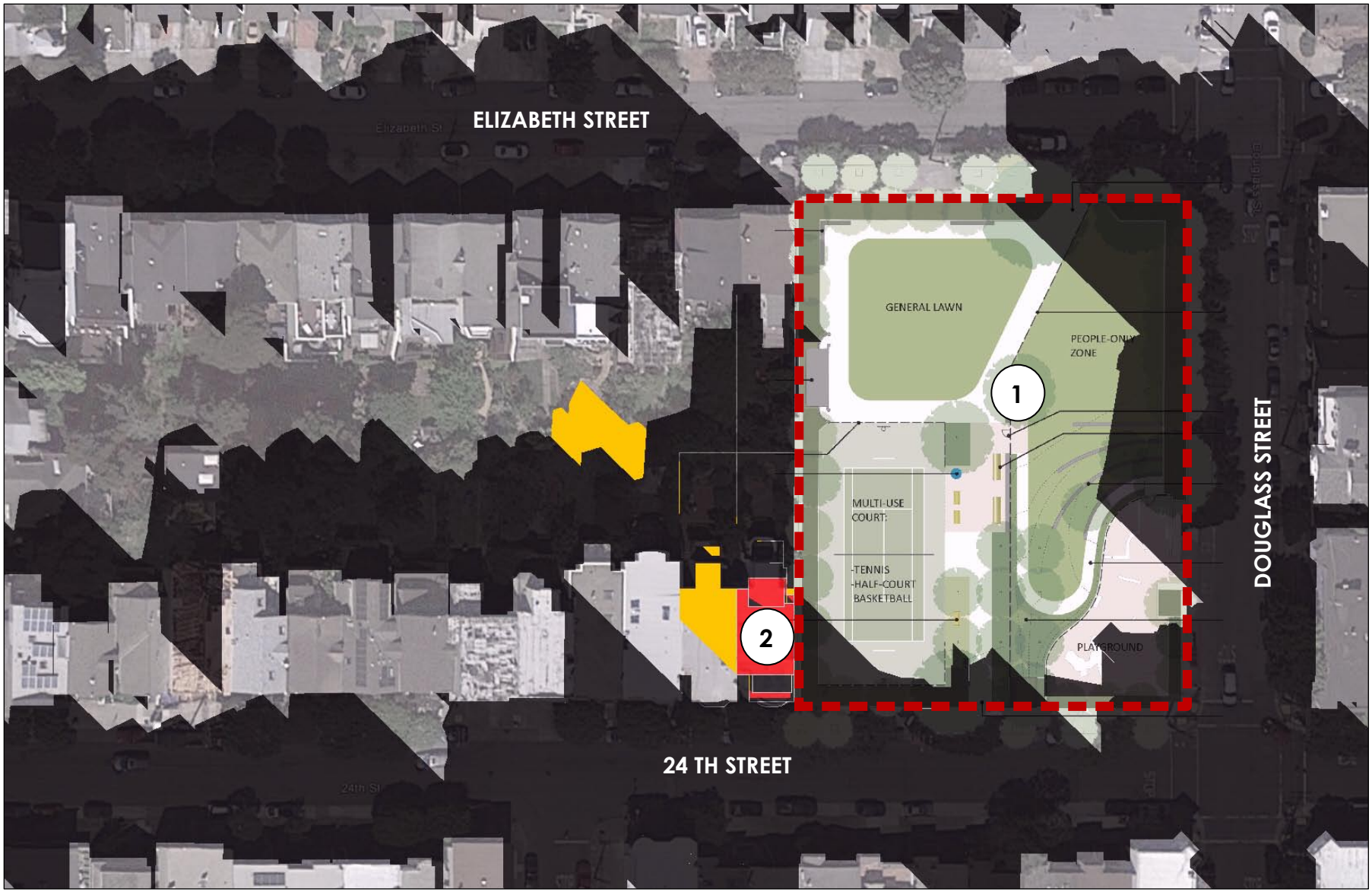
SHADOW DIAGRAM FOR SEPTEMBER 21ST | 6:07 PM.



EXHIBIT C

SHADOW DIAGRAMS FOR DECEMBER 21ST
@ 4320 24th Street, in steps of 1 hour
From sunrise + 1 hour to sunset – 1 hour.

SHADOW DIAGRAM FOR DECEMBER 21ST | 8:21 AM.



SHADOW DIAGRAM FOR DECEMBER 21ST | 9:00 AM.



SHADOW DIAGRAM FOR DECEMBER 21ST | 10:00 AM.



SHADOW DIAGRAM FOR DECEMBER 21ST | 11:00 AM.



SHADOW DIAGRAM FOR DECEMBER 21ST | 12:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 21ST | 1:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 21ST | 2:00 PM.



SHADOW DIAGRAM FOR DECEMBER 21ST | 3:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

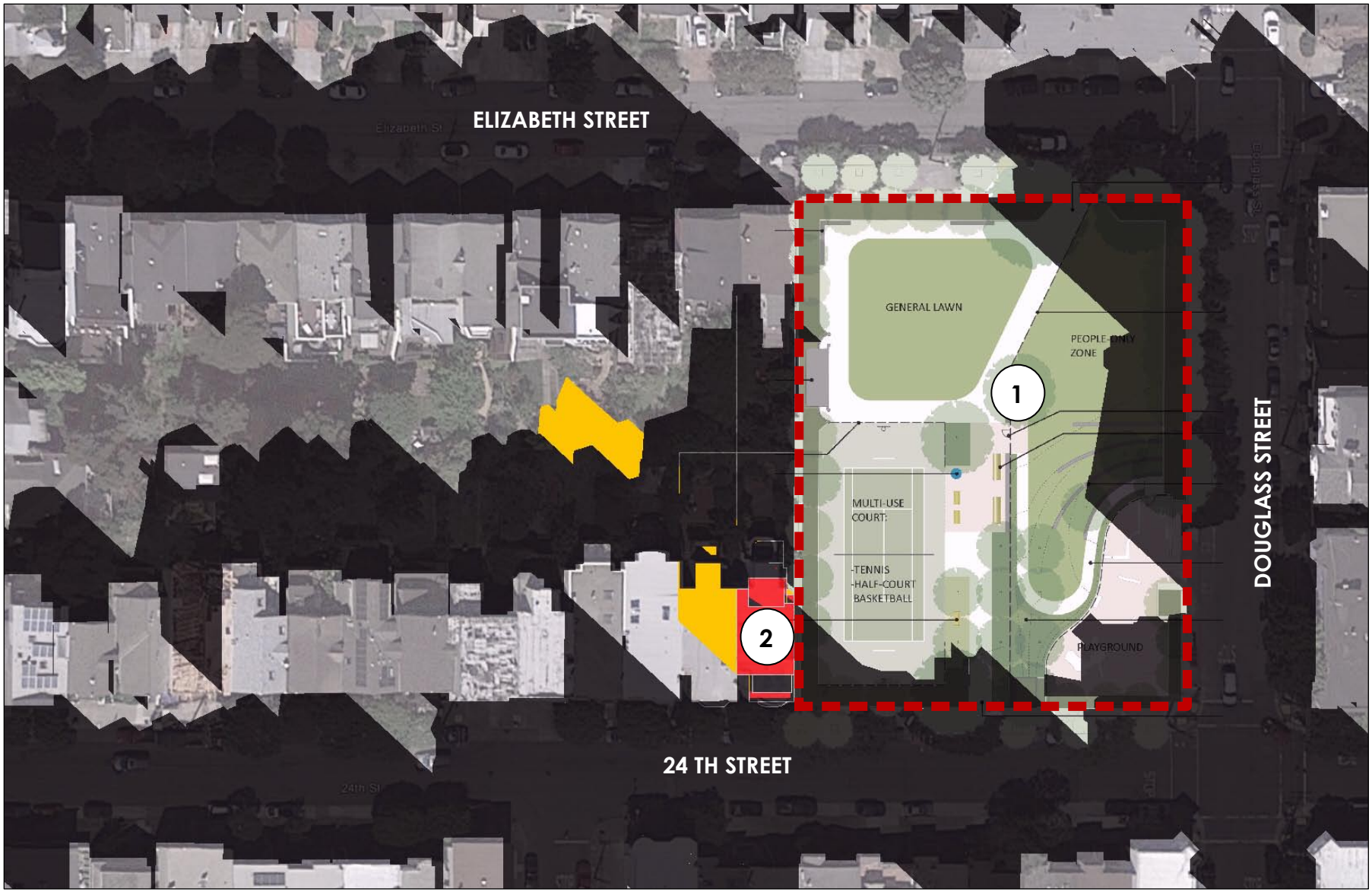
SHADOW DIAGRAM FOR DECEMBER 21ST | 3:54 PM.



EXHIBIT D

SHADOW DIAGRAMS FOR DECEMBER 30TH (WORST DAY)
@ 4320 24th Street, in steps of 1 hour
From sunrise + 1 hour to sunset – 1 hour.

SHADOW DIAGRAM FOR DECEMBER 30TH | 8:24 AM.



SHADOW DIAGRAM FOR DECEMBER 30TH | 9:00 AM.



SHADOW DIAGRAM FOR DECEMBER 30TH | 10:00 AM.



SHADOW DIAGRAM FOR DECEMBER 30TH | 11:00 AM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 30TH | 12:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 30TH | 1:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 30TH | 2:00 PM.



SHADOW DIAGRAM FOR DECEMBER 30TH | 3:00 PM.



1 Noe Valley Courts

2 Proposed Project @ 4320 24th Street

New Net Shading

SHADOW DIAGRAM FOR DECEMBER 30TH | 4:00 PM.

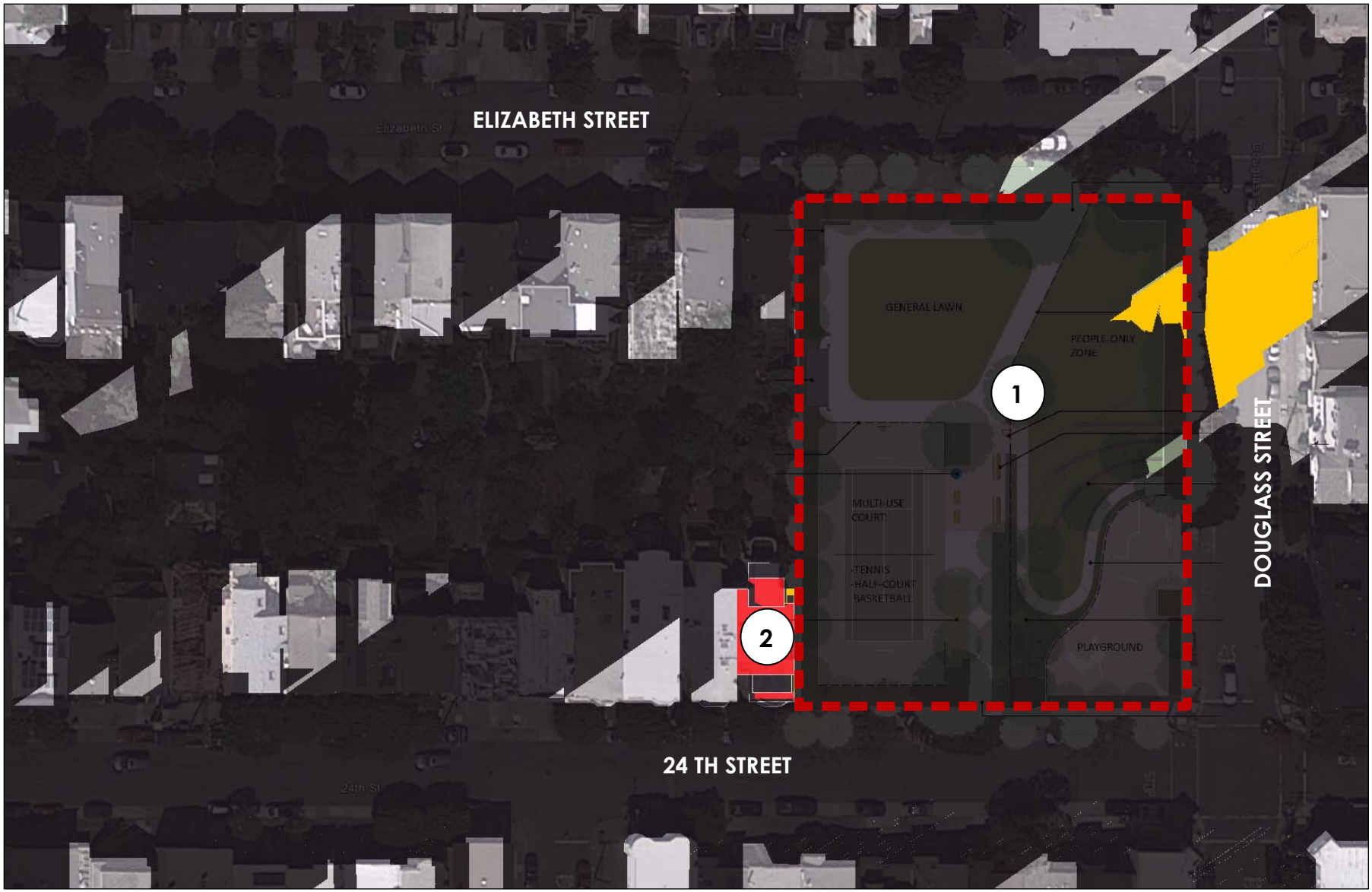


EXHIBIT E

SHADOW DIAGRAMS FOR AGGREGATE

Net new shadows (June + September + December)
@ 4320 24th Street, in steps of 1 hour
From sunrise + 1 hour to sunset – 1 hour.

AGGREGATE NET SHADOW DIAGRAM FOR JUNE, SEPTEMBER AND DECEMBER 21st.



EXHIBIT F

QUANTITATIVE DATA
All Year Total
@ 4320 24th Street, in steps of 15 min.
From sunrise + 1 hour to sunset – 1 hour.

RUN DATE: 06/30/2016 12:13
LOCATION: SAN FRANCISCO, CA
LATITUDE: 37.751
LONGITUDE: -122.439
TIME ZONE: -8
ZENITH: 90.833
YEAR: 2016
ANALYSIS AREA: 40278.73 SQFT

	AVAILABLE	EXISTING	NEW NET	TOTAL
SQFT-HR	149,893,266	27,835,704	1,078,752	28,914,456
%	100.00%	18.57%	0.72%	19.29%

NET SHADOW INCREASE

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
1	8:25 AM	0.08	92.9	37403	3021	92.9	37403	3021	0.0	0.0	0.0
1	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
1	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
1	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
1	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
1	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
1	9:45 AM	0.25	33.4	13470	3368	33.4	13470	3368	0.0	0.0	0.0
1	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
1	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
1	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
1	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
1	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
1	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
1	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
1	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
1	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
1	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
1	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
1	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
1	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
1	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
1	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
1	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
1	2:00 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
1	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
1	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
1	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
1	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
1	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
1	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
1	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
1	4:00 PM	0.02	52.9	21290	521	57.3	23090	565	4.5	1800.1	44.0
1	4:01 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
									0.0	0.0	0.0
2	8:25 AM	0.08	92.9	37403	2938	92.9	37403	2938	0.0	0.0	0.0
2	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
2	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
2	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
2	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
2	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
2	9:45 AM	0.25	33.4	13470	3368	33.4	13470	3368	0.0	0.0	0.0
2	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
2	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
2	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
2	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
2	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
2	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
2	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
2	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
2	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
2	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
2	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
2	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
2	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
2	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5

2	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
2	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
2	2:00 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
2	2:15 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
2	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
2	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
2	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
2	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
2	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
2	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
2	4:00 PM	0.04	52.9	21290	805	57.3	23090	873	4.5	1800.1	68.1
2	4:02 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
3	8:25 AM	0.08	92.9	37403	2876	92.9	37403	2876	0.0	0.0	0.0
3	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
3	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
3	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
3	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
3	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
3	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
3	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
3	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
3	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
3	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
3	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
3	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
3	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
3	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
3	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
3	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
3	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
3	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
3	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
3	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
3	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
3	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
3	2:00 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
3	2:15 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
3	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
3	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
3	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
3	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
3	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
3	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
3	4:00 PM	0.05	52.9	21290	1098	57.3	23090	1190	4.5	1800.1	92.8
3	4:03 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
4	8:25 AM	0.08	92.9	37403	2836	92.9	37403	2836	0.0	0.0	0.0
4	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
4	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
4	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
4	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
4	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
4	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
4	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
4	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
4	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
4	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
4	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
4	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
4	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
4	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
4	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
4	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
4	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0

4	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
4	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
4	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
4	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
4	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
4	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
4	2:15 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
4	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
4	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
4	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
4	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
4	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
4	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
4	4:00 PM	0.07	52.9	21290	1398	57.3	23090	1516	4.5	1800.1	118.2
4	4:03 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
5	8:25 AM	0.08	92.9	37403	2817	92.9	37403	2817	0.0	0.0	0.0
5	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
5	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
5	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
5	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
5	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
5	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
5	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
5	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
5	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
5	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
5	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
5	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
5	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
5	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
5	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
5	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
5	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
5	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
5	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
5	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
5	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
5	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
5	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
5	2:15 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
5	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
5	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
5	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
5	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
5	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
5	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
5	4:00 PM	0.08	45.2	18192	1457	48.9	19711	1579	3.8	1519.7	121.7
5	4:04 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
6	8:25 AM	0.08	92.9	37403	2820	92.9	37403	2820	0.0	0.0	0.0
6	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
6	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
6	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
6	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
6	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
6	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
6	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
6	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
6	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
6	10:45 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
6	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
6	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
6	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
6	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0

6	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
6	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
6	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
6	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
6	1:00 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
6	1:15 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
6	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
6	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
6	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
6	2:15 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
6	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
6	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
6	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
6	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
6	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
6	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
6	4:00 PM	0.09	45.2	18192	1726	48.9	19711	1870	3.8	1519.7	144.2
6	4:05 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
7	8:25 AM	0.08	92.9	37403	2844	92.9	37403	2844	0.0	0.0	0.0
7	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
7	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
7	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
7	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
7	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
7	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
7	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
7	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
7	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
7	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
7	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
7	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
7	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
7	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
7	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
7	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
7	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
7	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
7	1:00 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
7	1:15 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
7	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
7	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
7	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
7	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
7	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
7	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
7	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
7	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
7	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
7	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
7	4:00 PM	0.11	45.2	18192	2000	48.9	19711	2167	3.8	1519.7	167.1
7	4:06 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
0	12:00 AM	0.00	0.0	0	0	0.0	0	0	0.0	0.0	0.0
8	8:25 AM	0.08	92.9	37403	2889	92.9	37403	2889	0.0	0.0	0.0
8	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
8	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
8	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
8	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
8	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
8	9:45 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
8	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
8	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
8	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
8	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
8	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0

8	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
8	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
8	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
8	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
8	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
8	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
8	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
8	1:00 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
8	1:15 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
8	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
8	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
8	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
8	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
8	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
8	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
8	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
8	3:15 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
8	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
8	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
8	4:00 PM	0.13	45.2	18192	2280	48.9	19711	2471	3.8	1519.7	190.5
8	4:07 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
9	8:25 AM	0.08	92.6	37285	2947	92.6	37285	2947	0.0	0.0	0.0
9	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
9	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
9	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
9	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
9	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
9	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
9	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
9	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
9	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
9	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
9	11:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
9	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
9	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
9	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
9	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
9	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
9	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
9	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
9	1:00 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
9	1:15 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
9	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
9	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
9	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
9	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
9	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
9	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
9	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
9	3:15 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
9	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
9	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
9	4:00 PM	0.14	45.2	18192	2566	48.9	19711	2780	3.8	1519.7	214.3
9	4:08 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
10	8:25 AM	0.08	92.6	37285	3035	92.6	37285	3035	0.0	0.0	0.0
10	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
10	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
10	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
10	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
10	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
10	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
10	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
10	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0

10	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
10	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
10	11:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
10	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
10	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
10	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
10	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
10	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
10	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
10	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
10	1:00 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
10	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
10	1:30 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
10	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
10	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
10	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
10	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
10	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
10	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
10	3:15 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
10	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
10	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
10	4:00 PM	0.16	45.2	18192	2856	48.9	19711	3095	3.8	1519.7	238.6
10	4:09 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
11	8:24 AM	0.08	92.6	37285	3144	92.6	37285	3144	0.0	0.0	0.0
11	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
11	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
11	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
11	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
11	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
11	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
11	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
11	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
11	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
11	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
11	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
11	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
11	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
11	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
11	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
11	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
11	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
11	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
11	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
11	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
11	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
11	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
11	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
11	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
11	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
11	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
11	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
11	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
11	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
11	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
11	4:00 PM	0.17	45.2	18192	3151	48.9	19711	3415	3.8	1519.7	263.3
11	4:10 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
12	8:24 AM	0.09	92.6	37285	3275	92.6	37285	3275	0.0	0.0	0.0
12	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
12	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
12	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
12	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
12	9:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0

12	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
12	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
12	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
12	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
12	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
12	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
12	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
12	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
12	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
12	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
12	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
12	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
12	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
12	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
12	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
12	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
12	1:45 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
12	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
12	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
12	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
12	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
12	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
12	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
12	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
12	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
12	4:00 PM	0.19	45.2	18192	3451	48.9	19711	3739	3.8	1519.7	288.3
12	4:11 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
13	8:24 AM	0.09	92.6	37285	3427	92.6	37285	3427	0.0	0.0	0.0
13	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
13	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
13	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
13	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
13	9:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
13	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
13	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
13	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
13	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
13	10:45 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
13	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
13	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
13	11:30 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
13	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
13	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
13	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
13	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
13	12:45 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
13	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
13	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
13	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
13	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
13	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
13	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
13	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
13	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
13	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
13	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
13	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
13	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
13	4:00 PM	0.21	45.2	18192	3755	48.9	19711	4068	3.8	1519.7	313.7
13	4:12 PM	0.00	51.6	20788	0	56.7	22825	0	5.1	2036.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
14	8:24 AM	0.10	92.6	37285	3600	92.6	37285	3600	0.0	0.0	0.0
14	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
14	8:45 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0

14	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
14	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
14	9:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
14	9:45 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
14	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
14	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
14	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
14	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
14	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
14	11:15 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
14	11:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
14	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
14	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
14	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
14	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
14	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
14	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
14	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
14	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
14	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
14	2:00 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
14	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
14	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
14	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
14	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
14	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
14	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
14	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
14	4:00 PM	0.22	45.2	18192	4063	48.9	19711	4402	3.8	1519.7	339.4
14	4:13 PM	0.00	51.6	20788	0	56.7	22825	0	5.1	2036.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
15	8:23 AM	0.10	92.6	37285	3794	92.6	37285	3794	0.0	0.0	0.0
15	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
15	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
15	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
15	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
15	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
15	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
15	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
15	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
15	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
15	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
15	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
15	11:15 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
15	11:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
15	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
15	12:00 PM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
15	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
15	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
15	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
15	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
15	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
15	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
15	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
15	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
15	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
15	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
15	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
15	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
15	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
15	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
15	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
15	4:00 PM	0.24	45.2	18192	4374	48.9	19711	4740	3.8	1519.7	365.4
15	4:14 PM	0.00	51.6	20788	0	56.7	22825	0	5.1	2036.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR

16	8:23 AM	0.11	92.6	37285	4009	92.6	37285	4009	0.0	0.0	0.0
16	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
16	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
16	9:00 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
16	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
16	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
16	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
16	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
16	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
16	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
16	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
16	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
16	11:15 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
16	11:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
16	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
16	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
16	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
16	12:30 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
16	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
16	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
16	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
16	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
16	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
16	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
16	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
16	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
16	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
16	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
16	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
16	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
16	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
16	4:00 PM	0.25	45.2	18192	4548	48.9	19711	4928	3.8	1519.7	379.9
16	4:15 PM	0.01	45.5	18310	142	49.7	20006	155	4.2	1696.8	13.2
16	4:15 PM	0.00	51.6	20788	0	56.7	22825	0	5.1	2036.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
17	8:23 AM	0.11	92.6	37285	4245	92.6	37285	4245	0.0	0.0	0.0
17	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
17	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
17	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
17	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
17	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
17	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
17	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
17	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
17	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
17	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
17	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
17	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
17	11:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
17	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
17	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
17	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
17	12:30 PM	0.25	8.4	3364	841	8.4	3364	841	0.0	0.0	0.0
17	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
17	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
17	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
17	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
17	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
17	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
17	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
17	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
17	2:45 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
17	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
17	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
17	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
17	3:45 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
17	4:00 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
17	4:15 PM	0.03	45.5	18310	462	49.7	20006	505	4.2	1696.8	42.8

17	4:16 PM	0.00	51.6	20788	0	56.7	22825	0	5.1	2036.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
18	8:22 AM	0.12	91.0	36650	4425	91.0	36650	4425	0.0	0.0	0.0
18	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
18	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
18	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
18	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
18	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
18	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
18	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
18	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
18	10:30 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
18	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
18	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
18	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
18	11:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
18	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
18	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
18	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
18	12:30 PM	0.25	8.4	3364	841	8.4	3364	841	0.0	0.0	0.0
18	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
18	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
18	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
18	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
18	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
18	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
18	2:15 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
18	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
18	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
18	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
18	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
18	3:30 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
18	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
18	4:00 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
18	4:15 PM	0.04	45.5	18310	786	49.7	20006	858	4.2	1696.8	72.8
18	4:17 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
19	8:22 AM	0.13	91.0	36650	4697	91.0	36650	4697	0.0	0.0	0.0
19	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
19	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
19	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
19	9:15 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
19	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
19	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
19	10:00 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
19	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
19	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
19	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
19	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
19	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
19	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
19	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
19	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
19	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
19	12:30 PM	0.25	8.4	3364	841	8.4	3364	841	0.0	0.0	0.0
19	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
19	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
19	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
19	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
19	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
19	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
19	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
19	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
19	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
19	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5

19	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
19	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
19	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
19	4:00 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
19	4:15 PM	0.06	45.5	18310	1111	49.7	20006	1214	4.2	1696.8	103.0
19	4:18 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
20	8:21 AM	0.14	91.0	36650	4989	91.0	36650	4989	0.0	0.0	0.0
20	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
20	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
20	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
20	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
20	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
20	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
20	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
20	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
20	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
20	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
20	11:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
20	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
20	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
20	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
20	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
20	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
20	12:30 PM	0.25	8.4	3364	841	8.4	3364	841	0.0	0.0	0.0
20	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
20	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
20	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
20	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
20	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
20	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
20	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
20	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
20	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
20	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
20	3:15 PM	0.25	28.5	11464	2866	30.4	12261	3065	2.0	796.7	199.2
20	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
20	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
20	4:00 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
20	4:15 PM	0.08	45.5	18310	1440	49.7	20006	1573	4.2	1696.8	133.4
20	4:19 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
21	8:21 AM	0.14	91.0	36650	5301	91.0	36650	5301	0.0	0.0	0.0
21	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
21	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
21	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
21	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
21	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
21	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
21	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
21	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
21	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
21	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
21	11:00 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
21	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
21	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
21	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
21	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
21	12:15 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
21	12:30 PM	0.25	8.4	3364	841	8.4	3364	841	0.0	0.0	0.0
21	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
21	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
21	1:15 PM	0.25	8.2	3305	826	8.5	3423	856	0.3	118.0	29.5
21	1:30 PM	0.25	10.9	4397	1099	11.1	4471	1118	0.2	73.8	18.4
21	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8

21	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
21	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
21	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
21	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
21	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
21	3:15 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
21	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
21	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
21	4:00 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
21	4:15 PM	0.10	45.5	18310	1770	49.7	20006	1935	4.2	1696.8	164.1
21	4:20 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
22	8:20 AM	0.15	91.0	36650	5632	91.0	36650	5632	0.0	0.0	0.0
22	8:30 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
22	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
22	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
22	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
22	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
22	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
22	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
22	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
22	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
22	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
22	11:00 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
22	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
22	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
22	11:45 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
22	12:00 PM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
22	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
22	12:30 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
22	12:45 PM	0.25	8.6	3482	870	8.6	3482	870	0.0	0.0	0.0
22	1:00 PM	0.25	8.0	3216	804	8.0	3216	804	0.0	0.0	0.0
22	1:15 PM	0.25	6.7	2715	679	7.0	2803	701	0.2	88.5	22.1
22	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
22	1:45 PM	0.25	12.3	4957	1239	12.6	5061	1265	0.3	103.3	25.8
22	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
22	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
22	2:30 PM	0.25	19.1	7672	1918	20.6	8277	2069	1.5	604.9	151.2
22	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
22	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
22	3:15 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
22	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
22	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
22	4:00 PM	0.25	38.3	15418	3854	42.0	16908	4227	3.7	1490.2	372.5
22	4:15 PM	0.11	45.5	18310	2103	49.7	20006	2298	4.2	1696.8	194.9
22	4:21 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
23	8:20 AM	0.16	91.0	36650	5982	91.0	36650	5982	0.0	0.0	0.0
23	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
23	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
23	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
23	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
23	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
23	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
23	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
23	10:15 AM	0.25	19.9	8026	2007	19.9	8026	2007	0.0	0.0	0.0
23	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
23	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
23	11:00 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
23	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
23	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
23	11:45 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
23	12:00 PM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
23	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
23	12:30 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0

23	12:45 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
23	1:00 PM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
23	1:15 PM	0.25	6.7	2715	679	7.0	2803	701	0.2	88.5	22.1
23	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
23	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
23	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
23	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
23	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
23	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
23	3:00 PM	0.25	23.9	9605	2401	25.8	10387	2597	1.9	782.0	195.5
23	3:15 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
23	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
23	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
23	4:00 PM	0.25	38.3	15418	3854	42.0	16908	4227	3.7	1490.2	372.5
23	4:15 PM	0.13	45.5	18310	2438	49.7	20006	2663	4.2	1696.8	225.9
23	4:22 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
24	8:19 AM	0.17	91.0	36650	6352	91.0	36650	6352	0.0	0.0	0.0
24	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
24	8:45 AM	0.25	92.6	37285	9321	92.6	37285	9321	0.0	0.0	0.0
24	9:00 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
24	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
24	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
24	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
24	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
24	10:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
24	10:30 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
24	10:45 AM	0.25	14.1	5695	1424	14.1	5695	1424	0.0	0.0	0.0
24	11:00 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
24	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
24	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
24	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
24	12:00 PM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
24	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
24	12:30 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
24	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
24	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
24	1:15 PM	0.25	6.7	2715	679	7.0	2803	701	0.2	88.5	22.1
24	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
24	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
24	2:00 PM	0.25	14.0	5651	1413	14.4	5798	1450	0.4	147.5	36.9
24	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
24	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
24	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
24	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
24	3:15 PM	0.25	25.1	10107	2527	26.9	10815	2704	1.8	708.2	177.1
24	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
24	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
24	4:00 PM	0.25	38.3	15418	3854	42.0	16908	4227	3.7	1490.2	372.5
24	4:15 PM	0.15	45.5	18310	2774	49.7	20006	3031	4.2	1696.8	257.0
24	4:24 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
25	8:18 AM	0.18	91.0	36635	6737	91.0	36635	6737	0.0	0.0	0.0
25	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
25	8:45 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
25	9:00 AM	0.25	58.0	23371	5843	58.0	23371	5843	0.0	0.0	0.0
25	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
25	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
25	9:45 AM	0.25	29.4	11833	2958	29.4	11833	2958	0.0	0.0	0.0
25	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
25	10:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
25	10:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
25	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
25	11:00 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
25	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0

25	11:30 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
25	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
25	12:00 PM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
25	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
25	12:30 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
25	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
25	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
25	1:15 PM	0.25	6.7	2715	679	7.0	2803	701	0.2	88.5	22.1
25	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
25	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
25	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
25	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
25	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
25	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
25	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
25	3:15 PM	0.25	25.1	10107	2527	26.9	10815	2704	1.8	708.2	177.1
25	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
25	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
25	4:00 PM	0.25	38.3	15418	3854	42.0	16908	4227	3.7	1490.2	372.5
25	4:15 PM	0.17	45.5	18310	3111	49.7	20006	3399	4.2	1696.8	288.3
25	4:25 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
26	8:18 AM	0.19	91.0	36635	7144	91.0	36635	7144	0.0	0.0	0.0
26	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
26	8:45 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
26	9:00 AM	0.25	58.0	23371	5843	58.0	23371	5843	0.0	0.0	0.0
26	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
26	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
26	9:45 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
26	10:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
26	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
26	10:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
26	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
26	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
26	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
26	11:30 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
26	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
26	12:00 PM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
26	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
26	12:30 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
26	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
26	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
26	1:15 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
26	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
26	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
26	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
26	2:15 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
26	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
26	2:45 PM	0.25	19.6	7893	1973	21.2	8528	2132	1.6	634.4	158.6
26	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
26	3:15 PM	0.25	25.1	10107	2527	26.9	10815	2704	1.8	708.2	177.1
26	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
26	3:45 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
26	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
26	4:15 PM	0.19	37.8	15211	2866	41.4	16672	3141	3.6	1460.6	275.2
26	4:26 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
27	8:17 AM	0.21	91.0	36635	7569	91.0	36635	7569	0.0	0.0	0.0
27	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
27	8:45 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
27	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
27	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
27	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
27	9:45 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
27	10:00 AM	0.25	20.6	8307	2077	20.6	8307	2077	0.0	0.0	0.0

27	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
27	10:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
27	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
27	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
27	11:15 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
27	11:30 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
27	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
27	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
27	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
27	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
27	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
27	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
27	1:15 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
27	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
27	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
27	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
27	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
27	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
27	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
27	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
27	3:15 PM	0.25	25.1	10107	2527	26.9	10815	2704	1.8	708.2	177.1
27	3:30 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
27	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
27	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
27	4:15 PM	0.21	37.8	15211	3148	41.4	16672	3450	3.6	1460.6	302.2
27	4:27 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
28	8:16 AM	0.22	91.0	36635	8012	91.0	36635	8012	0.0	0.0	0.0
28	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
28	8:45 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
28	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
28	9:15 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
28	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
28	9:45 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
28	10:00 AM	0.25	20.6	8307	2077	20.6	8307	2077	0.0	0.0	0.0
28	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
28	10:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
28	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
28	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
28	11:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
28	11:30 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
28	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
28	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
28	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
28	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
28	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
28	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
28	1:15 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
28	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
28	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
28	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
28	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
28	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
28	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
28	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
28	3:15 PM	0.25	25.1	10107	2527	26.9	10815	2704	1.8	708.2	177.1
28	3:30 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
28	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
28	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
28	4:15 PM	0.23	37.8	15211	3430	41.4	16672	3760	3.6	1460.6	329.4
28	4:28 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
29	8:16 AM	0.23	91.0	36635	8472	91.0	36635	8472	0.0	0.0	0.0
29	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
29	8:45 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0

29	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
29	9:15 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
29	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
29	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
29	10:00 AM	0.25	20.6	8307	2077	20.6	8307	2077	0.0	0.0	0.0
29	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
29	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
29	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
29	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
29	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
29	11:30 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
29	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
29	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
29	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
29	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
29	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
29	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
29	1:15 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
29	1:30 PM	0.25	9.1	3659	915	9.3	3762	941	0.3	103.3	25.8
29	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
29	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
29	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
29	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
29	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
29	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
29	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
29	3:30 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
29	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
29	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
29	4:15 PM	0.24	37.8	15211	3713	41.4	16672	4070	3.6	1460.6	356.6
29	4:29 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
30	8:15 AM	0.24	91.0	36635	8950	91.0	36635	8950	0.0	0.0	0.0
30	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
30	8:45 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
30	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
30	9:15 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
30	9:30 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
30	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
30	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
30	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
30	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
30	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
30	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
30	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
30	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
30	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
30	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
30	12:15 PM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
30	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
30	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
30	1:00 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
30	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
30	1:30 PM	0.25	7.5	3010	752	7.7	3113	778	0.3	103.3	25.8
30	1:45 PM	0.25	10.3	4146	1036	10.5	4234	1059	0.2	88.5	22.1
30	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
30	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
30	2:30 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
30	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
30	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
30	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
30	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
30	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
30	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
30	4:15 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
30	4:30 PM	0.01	44.8	18059	230	48.9	19711	251	4.1	1652.5	21.1
30	4:30 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
31	8:14 AM	0.01	89.7	36119	283	89.7	36119	283	0.0	0.0	0.0
31	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
31	8:30 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
31	8:45 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
31	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
31	9:15 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
31	9:30 AM	0.25	30.6	12320	3080	30.6	12320	3080	0.0	0.0	0.0
31	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
31	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
31	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
31	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
31	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
31	11:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
31	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
31	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
31	11:45 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
31	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
31	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
31	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
31	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
31	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
31	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
31	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
31	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
31	2:00 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
31	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
31	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
31	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
31	3:00 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
31	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
31	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
31	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
31	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
31	4:15 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
31	4:30 PM	0.03	44.8	18059	567	48.9	19711	619	4.1	1652.5	51.9
31	4:31 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
32	8:13 AM	0.02	89.7	36119	787	89.7	36119	787	0.0	0.0	0.0
32	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
32	8:30 AM	0.25	91.0	36635	9159	91.0	36635	9159	0.0	0.0	0.0
32	8:45 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
32	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
32	9:15 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
32	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
32	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
32	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
32	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
32	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
32	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
32	11:00 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
32	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
32	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
32	11:45 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
32	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
32	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
32	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
32	12:45 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
32	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
32	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
32	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
32	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
32	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
32	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
32	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
32	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4

32	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
32	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
32	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
32	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
32	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
32	4:15 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
32	4:30 PM	0.05	44.8	18059	903	48.9	19711	986	4.1	1652.5	82.7
32	4:33 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
33	8:12 AM	0.04	89.7	36119	1309	89.7	36119	1309	0.0	0.0	0.0
33	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
33	8:30 AM	0.25	91.0	36635	9159	91.0	36635	9159	0.0	0.0	0.0
33	8:45 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
33	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
33	9:15 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
33	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
33	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
33	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
33	10:15 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
33	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
33	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
33	11:00 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
33	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
33	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
33	11:45 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
33	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
33	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
33	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
33	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
33	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
33	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
33	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
33	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
33	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
33	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
33	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
33	2:45 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
33	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
33	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
33	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
33	3:45 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
33	4:00 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
33	4:15 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
33	4:30 PM	0.07	44.8	18059	1240	48.9	19711	1353	4.1	1652.5	113.5
33	4:34 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
34	8:11 AM	0.05	89.7	36119	1846	89.7	36119	1846	0.0	0.0	0.0
34	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
34	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
34	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
34	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
34	9:15 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
34	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
34	9:45 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
34	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
34	10:15 AM	0.25	16.9	6802	1700	16.9	6802	1700	0.0	0.0	0.0
34	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
34	10:45 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
34	11:00 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
34	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
34	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
34	11:45 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
34	12:00 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
34	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
34	12:30 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0

34	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
34	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
34	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
34	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
34	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
34	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
34	2:15 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
34	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
34	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
34	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
34	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
34	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
34	3:45 PM	0.25	28.9	11626	2907	31.5	12703	3176	2.7	1077.1	269.3
34	4:00 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
34	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
34	4:30 PM	0.09	44.8	18059	1576	48.9	19711	1721	4.1	1652.5	144.2
34	4:35 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
35	8:11 AM	0.07	89.7	36119	2399	89.7	36119	2399	0.0	0.0	0.0
35	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
35	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
35	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
35	9:00 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
35	9:15 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
35	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
35	9:45 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
35	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
35	10:15 AM	0.25	16.9	6802	1700	16.9	6802	1700	0.0	0.0	0.0
35	10:30 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
35	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
35	11:00 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
35	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
35	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
35	11:45 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
35	12:00 PM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
35	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
35	12:30 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
35	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
35	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
35	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
35	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
35	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
35	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
35	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
35	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
35	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
35	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
35	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
35	3:30 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
35	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
35	4:00 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
35	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
35	4:30 PM	0.11	39.4	15861	1679	43.3	17454	1848	4.0	1593.4	168.7
35	4:36 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
36	8:10 AM	0.08	88.6	35691	2932	88.6	35691	2932	0.0	0.0	0.0
36	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
36	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
36	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
36	9:00 AM	0.25	60.6	24403	6101	60.6	24403	6101	0.0	0.0	0.0
36	9:15 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
36	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
36	9:45 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
36	10:00 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
36	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0

36	10:30 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
36	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
36	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
36	11:15 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
36	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
36	11:45 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
36	12:00 PM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
36	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
36	12:30 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
36	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
36	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
36	1:15 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
36	1:30 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
36	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
36	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
36	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
36	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
36	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
36	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
36	3:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
36	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
36	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
36	4:00 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
36	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
36	4:30 PM	0.12	38.6	15551	1935	42.5	17100	2128	3.8	1549.2	192.8
36	4:37 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
37	8:09 AM	0.10	88.6	35691	3508	88.6	35691	3508	0.0	0.0	0.0
37	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
37	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
37	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
37	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
37	9:15 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
37	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
37	9:45 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
37	10:00 AM	0.25	17.8	7185	1796	17.8	7185	1796	0.0	0.0	0.0
37	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
37	10:30 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
37	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
37	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
37	11:15 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
37	11:30 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
37	11:45 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
37	12:00 PM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
37	12:15 PM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
37	12:30 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
37	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
37	1:00 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
37	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
37	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
37	1:45 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
37	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
37	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
37	2:30 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
37	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
37	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
37	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
37	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
37	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
37	4:00 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
37	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
37	4:30 PM	0.14	38.6	15551	2224	42.5	17100	2445	3.8	1549.2	221.5
37	4:38 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
38	8:08 AM	0.11	88.6	35691	4099	88.6	35691	4099	0.0	0.0	0.0

38	8:15 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
38	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
38	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
38	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
38	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
38	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
38	9:45 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
38	10:00 AM	0.25	17.8	7185	1796	17.8	7185	1796	0.0	0.0	0.0
38	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
38	10:30 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
38	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
38	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
38	11:15 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
38	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
38	11:45 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
38	12:00 PM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
38	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
38	12:30 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
38	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
38	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
38	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
38	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
38	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
38	2:00 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
38	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
38	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
38	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
38	3:00 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
38	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
38	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
38	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
38	4:00 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
38	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
38	4:30 PM	0.16	38.6	15551	2511	42.5	17100	2762	3.8	1549.2	250.2
38	4:39 PM	0.00	43.8	17631	0	48.1	19357	0	4.3	1726.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
39	8:07 AM	0.13	88.6	35691	4705	88.6	35691	4705	0.0	0.0	0.0
39	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
39	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
39	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
39	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
39	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
39	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
39	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
39	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
39	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
39	10:30 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
39	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
39	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
39	11:15 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
39	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
39	11:45 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
39	12:00 PM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
39	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
39	12:30 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
39	12:45 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
39	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
39	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
39	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
39	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
39	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
39	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
39	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
39	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
39	3:00 PM	0.25	14.4	5784	1446	16.2	6521	1630	1.8	737.7	184.4
39	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
39	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
39	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3

39	4:00 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
39	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
39	4:30 PM	0.18	38.6	15551	2798	42.5	17100	3077	3.8	1549.2	278.8
39	4:40 PM	0.00	43.8	17631	0	48.1	19357	0	4.3	1726.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
40	8:06 AM	0.15	88.6	35691	5324	88.6	35691	5324	0.0	0.0	0.0
40	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
40	8:30 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
40	8:45 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
40	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
40	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
40	9:30 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
40	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
40	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
40	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
40	10:30 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
40	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
40	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
40	11:15 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
40	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
40	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
40	12:00 PM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
40	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
40	12:30 PM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
40	12:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
40	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
40	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
40	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
40	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
40	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
40	2:15 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
40	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
40	2:45 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
40	3:00 PM	0.25	14.4	5784	1446	16.2	6521	1630	1.8	737.7	184.4
40	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
40	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
40	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
40	4:00 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
40	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
40	4:30 PM	0.20	38.6	15551	3084	42.5	17100	3392	3.8	1549.2	307.3
40	4:41 PM	0.00	43.8	17631	0	48.1	19357	0	4.3	1726.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
41	8:04 AM	0.17	87.0	35057	5851	87.0	35057	5851	0.0	0.0	0.0
41	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
41	8:30 AM	0.25	90.0	36252	9063	90.0	36252	9063	0.0	0.0	0.0
41	8:45 AM	0.25	63.1	25422	6355	63.1	25422	6355	0.0	0.0	0.0
41	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
41	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
41	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
41	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
41	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
41	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
41	10:30 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
41	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
41	11:00 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
41	11:15 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
41	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
41	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
41	12:00 PM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
41	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
41	12:30 PM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
41	12:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
41	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
41	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
41	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6

41	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
41	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
41	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
41	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
41	2:45 PM	0.25	12.8	5164	1291	13.7	5518	1380	0.9	354.1	88.5
41	3:00 PM	0.25	14.4	5784	1446	16.2	6521	1630	1.8	737.7	184.4
41	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
41	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
41	3:45 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
41	4:00 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
41	4:15 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
41	4:30 PM	0.22	38.6	15551	3369	42.5	17100	3705	3.8	1549.2	335.7
41	4:43 PM	0.00	43.8	17631	0	48.1	19357	0	4.3	1726.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
42	8:03 AM	0.19	87.0	35057	6486	87.0	35057	6486	0.0	0.0	0.0
42	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
42	8:30 AM	0.25	90.0	36252	9063	90.0	36252	9063	0.0	0.0	0.0
42	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
42	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
42	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
42	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
42	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
42	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
42	10:15 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
42	10:30 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
42	10:45 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
42	11:00 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
42	11:15 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
42	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
42	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
42	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
42	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
42	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
42	12:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
42	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
42	1:15 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
42	1:30 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
42	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
42	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
42	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
42	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
42	2:45 PM	0.25	12.8	5164	1291	13.7	5518	1380	0.9	354.1	88.5
42	3:00 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
42	3:15 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
42	3:30 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
42	3:45 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
42	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
42	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
42	4:30 PM	0.23	38.6	15551	3654	42.5	17100	4018	3.8	1549.2	364.0
42	4:44 PM	0.00	43.1	17351	0	47.4	19077	0	4.3	1726.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
43	8:02 AM	0.20	87.0	35057	7133	87.0	35057	7133	0.0	0.0	0.0
43	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
43	8:30 AM	0.25	90.0	36252	9063	90.0	36252	9063	0.0	0.0	0.0
43	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
43	9:00 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
43	9:15 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
43	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
43	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
43	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
43	10:15 AM	0.25	13.8	5548	1387	13.8	5548	1387	0.0	0.0	0.0
43	10:30 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
43	10:45 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
43	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
43	11:15 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0

43	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
43	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
43	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
43	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
43	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
43	12:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
43	1:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
43	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
43	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
43	1:45 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
43	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
43	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
43	2:30 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
43	2:45 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
43	3:00 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
43	3:15 PM	0.25	18.4	7407	1852	20.6	8277	2069	2.2	870.5	217.6
43	3:30 PM	0.25	19.2	7716	1929	21.0	8454	2114	1.8	737.7	184.4
43	3:45 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
43	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
43	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
43	4:30 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
43	4:45 PM	0.00	43.1	17351	55	47.4	19077	60	4.3	1726.2	5.4
43	4:45 PM	0.00	43.1	17351	0	47.4	19077	0	4.3	1726.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
44	8:01 AM	0.22	87.0	35057	7793	87.0	35057	7793	0.0	0.0	0.0
44	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
44	8:30 AM	0.25	78.5	31619	7905	78.5	31619	7905	0.0	0.0	0.0
44	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
44	9:00 AM	0.25	51.7	20833	5208	51.7	20833	5208	0.0	0.0	0.0
44	9:15 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
44	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
44	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
44	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
44	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
44	10:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
44	10:45 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
44	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
44	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
44	11:30 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
44	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
44	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
44	12:15 PM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
44	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
44	12:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
44	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
44	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
44	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
44	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
44	2:00 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
44	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
44	2:30 PM	0.25	11.2	4500	1125	12.1	4854	1214	0.9	354.1	88.5
44	2:45 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
44	3:00 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
44	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
44	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
44	3:45 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
44	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
44	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
44	4:30 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
44	4:45 PM	0.02	38.4	15447	329	42.2	17011	362	3.9	1563.9	33.3
44	4:46 PM	0.00	43.1	17351	0	47.4	19077	0	4.3	1726.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
45	8:00 AM	0.24	87.0	35057	8464	87.0	35057	8464	0.0	0.0	0.0
45	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
45	8:30 AM	0.25	78.5	31619	7905	78.5	31619	7905	0.0	0.0	0.0

45	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
45	9:00 AM	0.25	51.7	20833	5208	51.7	20833	5208	0.0	0.0	0.0
45	9:15 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
45	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
45	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
45	10:00 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
45	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
45	10:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
45	10:45 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
45	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
45	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
45	11:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
45	11:45 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
45	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
45	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
45	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
45	12:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
45	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
45	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
45	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
45	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
45	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
45	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
45	2:30 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
45	2:45 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
45	3:00 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
45	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
45	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
45	3:45 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
45	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
45	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
45	4:30 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
45	4:45 PM	0.04	38.4	15447	608	42.2	17011	669	3.9	1563.9	61.5
45	4:47 PM	0.00	38.4	15447	0	42.2	17011	0	3.9	1563.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
46	7:59 AM	0.01	87.3	35160	385	87.3	35160	385	0.0	0.0	0.0
46	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
46	8:15 AM	0.25	88.6	35691	8923	88.6	35691	8923	0.0	0.0	0.0
46	8:30 AM	0.25	78.5	31619	7905	78.5	31619	7905	0.0	0.0	0.0
46	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
46	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
46	9:15 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
46	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
46	9:45 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
46	10:00 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
46	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
46	10:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
46	10:45 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
46	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
46	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
46	11:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
46	11:45 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
46	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
46	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
46	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
46	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
46	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
46	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
46	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
46	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
46	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
46	2:15 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
46	2:30 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
46	2:45 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
46	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
46	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
46	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
46	3:45 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9

46	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
46	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
46	4:30 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
46	4:45 PM	0.06	38.4	15447	885	42.2	17011	975	3.9	1563.9	89.7
46	4:48 PM	0.00	38.4	15447	0	42.2	17011	0	3.9	1563.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
47	7:58 AM	0.03	87.3	35160	1082	87.3	35160	1082	0.0	0.0	0.0
47	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
47	8:15 AM	0.25	87.0	35057	8764	87.0	35057	8764	0.0	0.0	0.0
47	8:30 AM	0.25	78.5	31619	7905	78.5	31619	7905	0.0	0.0	0.0
47	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
47	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
47	9:15 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
47	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
47	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
47	10:00 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
47	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
47	10:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
47	10:45 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
47	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
47	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
47	11:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
47	11:45 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
47	12:00 PM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
47	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
47	12:30 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
47	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
47	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
47	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
47	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
47	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
47	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
47	2:15 PM	0.25	8.5	3438	859	9.2	3689	922	0.6	250.8	62.7
47	2:30 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
47	2:45 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
47	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
47	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
47	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
47	3:45 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
47	4:00 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
47	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
47	4:30 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
47	4:45 PM	0.08	38.4	15447	1162	42.2	17011	1280	3.9	1563.9	117.6
47	4:49 PM	0.00	38.0	15285	0	41.5	16731	0	3.6	1445.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
48	7:56 AM	0.05	87.3	35160	1790	87.3	35160	1790	0.0	0.0	0.0
48	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
48	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
48	8:30 AM	0.25	78.5	31619	7905	78.5	31619	7905	0.0	0.0	0.0
48	8:45 AM	0.25	64.4	25953	6488	64.4	25953	6488	0.0	0.0	0.0
48	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
48	9:15 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
48	9:30 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
48	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
48	10:00 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
48	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
48	10:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
48	10:45 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
48	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
48	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
48	11:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
48	11:45 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
48	12:00 PM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
48	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
48	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0

48	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
48	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
48	1:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
48	1:30 PM	0.25	4.9	1977	494	5.3	2125	531	0.4	147.5	36.9
48	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
48	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
48	2:15 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
48	2:30 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
48	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
48	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
48	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
48	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
48	3:45 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
48	4:00 PM	0.25	24.9	10018	2504	27.4	11021	2755	2.5	1003.3	250.8
48	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
48	4:30 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
48	4:45 PM	0.09	38.4	15447	1437	42.2	17011	1583	3.9	1563.9	145.5
48	4:50 PM	0.00	38.0	15285	0	41.5	16731	0	3.6	1445.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
49	7:55 AM	0.07	87.3	35160	2509	87.3	35160	2509	0.0	0.0	0.0
49	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
49	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
49	8:30 AM	0.25	79.9	32194	8049	79.9	32194	8049	0.0	0.0	0.0
49	8:45 AM	0.25	52.9	21320	5330	52.9	21320	5330	0.0	0.0	0.0
49	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
49	9:15 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
49	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
49	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
49	10:00 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
49	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
49	10:30 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
49	10:45 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
49	11:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
49	11:15 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
49	11:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
49	11:45 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
49	12:00 PM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
49	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
49	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
49	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
49	1:00 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
49	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
49	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
49	1:45 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
49	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
49	2:15 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
49	2:30 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
49	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
49	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
49	3:15 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
49	3:30 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
49	3:45 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
49	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
49	4:15 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
49	4:30 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
49	4:45 PM	0.11	38.4	15447	1711	42.2	17011	1884	3.9	1563.9	173.2
49	4:51 PM	0.00	38.0	15285	0	41.5	16731	0	3.6	1445.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
50	7:54 AM	0.09	87.3	35160	3238	87.3	35160	3238	0.0	0.0	0.0
50	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
50	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
50	8:30 AM	0.25	79.9	32194	8049	79.9	32194	8049	0.0	0.0	0.0
50	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
50	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
50	9:15 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0

50	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
50	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
50	10:00 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
50	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
50	10:30 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
50	10:45 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
50	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
50	11:15 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
50	11:30 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
50	11:45 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
50	12:00 PM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
50	12:15 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
50	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
50	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
50	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
50	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
50	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
50	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
50	2:00 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
50	2:15 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
50	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
50	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
50	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
50	3:15 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
50	3:30 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
50	3:45 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
50	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
50	4:15 PM	0.25	25.2	10151	2538	27.7	11154	2789	2.5	1003.3	250.8
50	4:30 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
50	4:45 PM	0.13	38.0	15285	1963	41.5	16731	2149	3.6	1445.9	185.7
50	4:52 PM	0.00	38.0	15285	0	41.5	16731	0	3.6	1445.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
51	7:53 AM	0.11	86.8	34953	3954	86.8	34953	3954	0.0	0.0	0.0
51	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
51	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
51	8:30 AM	0.25	79.9	32194	8049	79.9	32194	8049	0.0	0.0	0.0
51	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
51	9:00 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
51	9:15 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
51	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
51	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
51	10:00 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
51	10:15 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
51	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
51	10:45 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
51	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
51	11:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
51	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
51	11:45 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
51	12:00 PM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
51	12:15 PM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
51	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
51	12:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
51	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
51	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
51	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
51	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
51	2:00 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
51	2:15 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
51	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
51	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
51	3:00 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
51	3:15 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
51	3:30 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
51	3:45 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
51	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
51	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
51	4:30 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0

51	4:45 PM	0.15	38.0	15285	2231	41.5	16731	2442	3.6	1445.9	211.1
51	4:53 PM	0.00	37.0	14916	0	41.1	16539	0	4.0	1623.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
52	7:51 AM	0.13	86.8	34953	4698	86.8	34953	4698	0.0	0.0	0.0
52	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
52	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
52	8:30 AM	0.25	68.7	27650	6912	68.7	27650	6912	0.0	0.0	0.0
52	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
52	9:00 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0
52	9:15 AM	0.25	29.2	11759	2940	29.2	11759	2940	0.0	0.0	0.0
52	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
52	9:45 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
52	10:00 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
52	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
52	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
52	10:45 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
52	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
52	11:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
52	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
52	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
52	12:00 PM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
52	12:15 PM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
52	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
52	12:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
52	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
52	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
52	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
52	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
52	2:00 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
52	2:15 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
52	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
52	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
52	3:00 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
52	3:15 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
52	3:30 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
52	3:45 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
52	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
52	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
52	4:30 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
52	4:45 PM	0.16	32.7	13161	2151	36.4	14651	2395	3.7	1490.2	243.6
52	4:54 PM	0.00	37.0	14916	0	41.1	16539	0	4.0	1623.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
53	7:50 AM	0.16	86.8	34953	5452	86.8	34953	5452	0.0	0.0	0.0
53	8:00 AM	0.25	87.3	35160	8790	87.3	35160	8790	0.0	0.0	0.0
53	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
53	8:30 AM	0.25	68.7	27650	6912	68.7	27650	6912	0.0	0.0	0.0
53	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
53	9:00 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0
53	9:15 AM	0.25	29.2	11759	2940	29.2	11759	2940	0.0	0.0	0.0
53	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
53	9:45 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
53	10:00 AM	0.25	12.3	4943	1236	12.3	4943	1236	0.0	0.0	0.0
53	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
53	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
53	10:45 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
53	11:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
53	11:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
53	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
53	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
53	12:00 PM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
53	12:15 PM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
53	12:30 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
53	12:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
53	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
53	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0

53	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
53	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
53	2:00 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
53	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
53	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
53	2:45 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
53	3:00 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
53	3:15 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
53	3:30 PM	0.25	17.4	7023	1756	19.2	7731	1933	1.8	708.2	177.1
53	3:45 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
53	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
53	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
53	4:30 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
53	4:45 PM	0.18	32.7	13161	2380	36.4	14651	2649	3.7	1490.2	269.5
53	4:55 PM	0.00	37.0	14916	0	41.1	16539	0	4.0	1623.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
54	7:49 AM	0.18	86.8	34953	6216	86.8	34953	6216	0.0	0.0	0.0
54	8:00 AM	0.25	86.8	34953	8738	86.8	34953	8738	0.0	0.0	0.0
54	8:15 AM	0.25	88.8	35765	8941	88.8	35765	8941	0.0	0.0	0.0
54	8:30 AM	0.25	68.7	27650	6912	68.7	27650	6912	0.0	0.0	0.0
54	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
54	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
54	9:15 AM	0.25	29.2	11759	2940	29.2	11759	2940	0.0	0.0	0.0
54	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
54	9:45 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
54	10:00 AM	0.25	12.3	4943	1236	12.3	4943	1236	0.0	0.0	0.0
54	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
54	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
54	10:45 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
54	11:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
54	11:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
54	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
54	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
54	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
54	12:15 PM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
54	12:30 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
54	12:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
54	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
54	1:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
54	1:30 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
54	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
54	2:00 PM	0.25	7.4	2980	745	7.6	3054	764	0.2	73.8	18.4
54	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
54	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
54	2:45 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
54	3:00 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
54	3:15 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
54	3:30 PM	0.25	17.4	7023	1756	19.2	7731	1933	1.8	708.2	177.1
54	3:45 PM	0.25	19.1	7702	1925	21.0	8439	2110	1.8	737.7	184.4
54	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
54	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
54	4:30 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
54	4:45 PM	0.20	32.7	13161	2607	36.4	14651	2902	3.7	1490.2	295.2
54	4:56 PM	0.00	37.0	14916	0	41.1	16539	0	4.0	1623.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
55	7:48 AM	0.20	86.3	34776	6952	86.3	34776	6952	0.0	0.0	0.0
55	8:00 AM	0.25	86.8	34953	8738	86.8	34953	8738	0.0	0.0	0.0
55	8:15 AM	0.25	88.9	35809	8952	88.9	35809	8952	0.0	0.0	0.0
55	8:30 AM	0.25	68.7	27650	6912	68.7	27650	6912	0.0	0.0	0.0
55	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
55	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
55	9:15 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
55	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
55	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
55	10:00 AM	0.25	12.3	4943	1236	12.3	4943	1236	0.0	0.0	0.0

55	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
55	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
55	10:45 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
55	11:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
55	11:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
55	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
55	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
55	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
55	12:15 PM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
55	12:30 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
55	12:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
55	1:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
55	1:15 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
55	1:30 PM	0.25	4.7	1874	468	5.0	2007	502	0.3	132.8	33.2
55	1:45 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
55	2:00 PM	0.25	7.4	2980	745	7.6	3054	764	0.2	73.8	18.4
55	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
55	2:30 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
55	2:45 PM	0.25	11.1	4456	1114	12.1	4884	1221	1.1	427.9	107.0
55	3:00 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
55	3:15 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
55	3:30 PM	0.25	17.4	7023	1756	19.2	7731	1933	1.8	708.2	177.1
55	3:45 PM	0.25	19.1	7702	1925	21.0	8439	2110	1.8	737.7	184.4
55	4:00 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
55	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
55	4:30 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
55	4:45 PM	0.22	32.7	13161	2834	36.4	14651	3154	3.7	1490.2	320.8
55	4:57 PM	0.00	36.7	14798	0	41.0	16495	0	4.2	1696.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
56	7:46 AM	0.22	86.3	34776	7728	86.3	34776	7728	0.0	0.0	0.0
56	8:00 AM	0.25	86.8	34953	8738	86.8	34953	8738	0.0	0.0	0.0
56	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
56	8:30 AM	0.25	69.6	28033	7008	69.6	28033	7008	0.0	0.0	0.0
56	8:45 AM	0.25	54.1	21792	5448	54.1	21792	5448	0.0	0.0	0.0
56	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
56	9:15 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
56	9:30 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
56	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
56	10:00 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
56	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
56	10:30 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
56	10:45 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
56	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
56	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
56	11:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
56	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
56	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
56	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
56	12:30 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
56	12:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
56	1:00 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
56	1:15 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
56	1:30 PM	0.25	4.7	1874	468	5.0	2007	502	0.3	132.8	33.2
56	1:45 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
56	2:00 PM	0.25	7.4	2980	745	7.6	3054	764	0.2	73.8	18.4
56	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
56	2:30 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
56	2:45 PM	0.25	11.1	4456	1114	12.1	4884	1221	1.1	427.9	107.0
56	3:00 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
56	3:15 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
56	3:30 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
56	3:45 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
56	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
56	4:15 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
56	4:30 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
56	4:45 PM	0.23	32.7	13161	3059	36.4	14651	3405	3.7	1490.2	346.3
56	4:58 PM	0.00	36.7	14798	0	41.0	16495	0	4.2	1696.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
57	7:45 AM	0.24	86.3	34776	8512	86.3	34776	8512	0.0	0.0	0.0
57	8:00 AM	0.25	86.8	34953	8738	86.8	34953	8738	0.0	0.0	0.0
57	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
57	8:30 AM	0.25	69.6	28033	7008	69.6	28033	7008	0.0	0.0	0.0
57	8:45 AM	0.25	45.4	18295	4574	45.4	18295	4574	0.0	0.0	0.0
57	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
57	9:15 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
57	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
57	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
57	10:00 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
57	10:15 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
57	10:30 AM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
57	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
57	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
57	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
57	11:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
57	11:45 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
57	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
57	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
57	12:30 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
57	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
57	1:00 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
57	1:15 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
57	1:30 PM	0.25	4.7	1874	468	5.0	2007	502	0.3	132.8	33.2
57	1:45 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
57	2:00 PM	0.25	6.8	2744	686	7.1	2862	716	0.3	118.0	29.5
57	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
57	2:30 PM	0.25	9.9	3969	992	10.8	4338	1084	0.9	368.9	92.2
57	2:45 PM	0.25	11.1	4456	1114	12.1	4884	1221	1.1	427.9	107.0
57	3:00 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
57	3:15 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
57	3:30 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
57	3:45 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
57	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
57	4:15 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
57	4:30 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
57	4:45 PM	0.25	31.5	12688	3165	35.2	14179	3537	3.7	1490.1	371.7
57	4:59 PM	0.00	36.7	14798	0	41.0	16495	0	4.2	1696.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
58	7:43 AM	0.02	86.3	34776	610	86.3	34776	610	0.0	0.0	0.0
58	7:45 AM	0.25	86.3	34776	8694	86.3	34776	8694	0.0	0.0	0.0
58	8:00 AM	0.25	86.8	34953	8738	86.8	34953	8738	0.0	0.0	0.0
58	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
58	8:30 AM	0.25	69.6	28033	7008	69.6	28033	7008	0.0	0.0	0.0
58	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
58	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
58	9:15 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
58	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
58	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
58	10:00 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
58	10:15 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
58	10:30 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
58	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
58	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
58	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
58	11:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
58	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
58	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
58	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
58	12:30 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
58	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
58	1:00 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
58	1:15 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
58	1:30 PM	0.25	4.7	1874	468	5.0	2007	502	0.3	132.8	33.2
58	1:45 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4

58	2:00 PM	0.25	6.8	2744	686	7.1	2862	716	0.3	118.0	29.5
58	2:15 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
58	2:30 PM	0.25	9.9	3969	992	10.8	4338	1084	0.9	368.9	92.2
58	2:45 PM	0.25	11.1	4456	1114	12.1	4884	1221	1.1	427.9	107.0
58	3:00 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
58	3:15 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
58	3:30 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
58	3:45 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
58	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
58	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
58	4:30 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
58	4:45 PM	0.25	31.5	12688	3172	35.2	14179	3545	3.7	1490.1	372.5
58	5:00 PM	0.02	36.7	14798	242	41.0	16495	270	4.2	1696.7	27.8
58	5:00 PM	0.00	36.7	14798	0	41.0	16495	0	4.2	1696.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
59	7:42 AM	0.04	86.4	34806	1411	86.4	34806	1411	0.0	0.0	0.0
59	7:45 AM	0.25	86.3	34776	8694	86.3	34776	8694	0.0	0.0	0.0
59	8:00 AM	0.25	88.5	35662	8915	88.5	35662	8915	0.0	0.0	0.0
59	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
59	8:30 AM	0.25	69.6	28033	7008	69.6	28033	7008	0.0	0.0	0.0
59	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
59	9:00 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
59	9:15 AM	0.25	24.5	9856	2464	24.5	9856	2464	0.0	0.0	0.0
59	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
59	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
59	10:00 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
59	10:15 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
59	10:30 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
59	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
59	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
59	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
59	11:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
59	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
59	12:00 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
59	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
59	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
59	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
59	1:00 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
59	1:15 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
59	1:30 PM	0.25	4.7	1874	468	5.0	2007	502	0.3	132.8	33.2
59	1:45 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
59	2:00 PM	0.25	6.8	2744	686	7.1	2862	716	0.3	118.0	29.5
59	2:15 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
59	2:30 PM	0.25	9.9	3969	992	10.8	4338	1084	0.9	368.9	92.2
59	2:45 PM	0.25	11.1	4456	1114	12.1	4884	1221	1.1	427.9	107.0
59	3:00 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
59	3:15 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
59	3:30 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
59	3:45 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
59	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
59	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
59	4:30 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
59	4:45 PM	0.25	31.5	12688	3172	35.2	14179	3545	3.7	1490.1	372.5
59	5:00 PM	0.03	36.7	14798	491	41.0	16495	548	4.2	1696.7	56.3
59	5:01 PM	0.00	36.2	14592	0	40.3	16215	0	4.0	1622.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
60	7:39 AM	0.09	86.4	34806	3031	86.4	34806	3031	0.0	0.0	0.0
60	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
60	8:00 AM	0.25	88.5	35662	8915	88.5	35662	8915	0.0	0.0	0.0
60	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
60	8:30 AM	0.25	58.7	23636	5909	58.7	23636	5909	0.0	0.0	0.0
60	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
60	9:00 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
60	9:15 AM	0.25	24.5	9856	2464	24.5	9856	2464	0.0	0.0	0.0
60	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0

60	9:45 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
60	10:00 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
60	10:15 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
60	10:30 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
60	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
60	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
60	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
60	11:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
60	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
60	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
60	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
60	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
60	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
60	1:00 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
60	1:15 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
60	1:30 PM	0.25	3.9	1579	395	4.5	1800	450	0.6	221.3	55.3
60	1:45 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
60	2:00 PM	0.25	6.8	2744	686	7.1	2862	716	0.3	118.0	29.5
60	2:15 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
60	2:30 PM	0.25	9.9	3969	992	10.8	4338	1084	0.9	368.9	92.2
60	2:45 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
60	3:00 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
60	3:15 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
60	3:30 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
60	3:45 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
60	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
60	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
60	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
60	4:45 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
60	5:00 PM	0.07	36.2	14592	972	40.3	16215	1080	4.0	1622.9	108.1
60	5:03 PM	0.00	36.2	14592	0	40.3	16215	0	4.0	1622.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
61	7:38 AM	0.11	86.4	34806	3852	86.4	34806	3852	0.0	0.0	0.0
61	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
61	8:00 AM	0.25	88.1	35499	8875	88.1	35499	8875	0.0	0.0	0.0
61	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
61	8:30 AM	0.25	58.7	23636	5909	58.7	23636	5909	0.0	0.0	0.0
61	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
61	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
61	9:15 AM	0.25	24.5	9856	2464	24.5	9856	2464	0.0	0.0	0.0
61	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
61	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
61	10:00 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
61	10:15 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
61	10:30 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
61	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
61	11:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
61	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
61	11:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
61	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
61	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
61	12:15 PM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
61	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
61	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
61	1:00 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
61	1:15 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
61	1:30 PM	0.25	3.9	1579	395	4.5	1800	450	0.6	221.3	55.3
61	1:45 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
61	2:00 PM	0.25	6.8	2744	686	7.1	2862	716	0.3	118.0	29.5
61	2:15 PM	0.25	8.3	3349	837	9.0	3630	907	0.7	280.3	70.1
61	2:30 PM	0.25	9.9	3969	992	10.8	4338	1084	0.9	368.9	92.2
61	2:45 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
61	3:00 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
61	3:15 PM	0.25	13.9	5577	1394	15.1	6093	1523	1.3	516.4	129.1
61	3:30 PM	0.25	15.9	6389	1597	17.5	7052	1763	1.7	663.9	166.0
61	3:45 PM	0.25	17.9	7200	1800	19.5	7864	1966	1.6	663.9	166.0
61	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
61	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7

61	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
61	4:45 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
61	5:00 PM	0.08	36.2	14592	1214	40.3	16215	1349	4.0	1622.9	135.0
61	5:04 PM	0.00	36.2	14592	0	40.3	16215	0	4.0	1622.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
62	7:36 AM	0.13	86.4	34806	4678	86.4	34806	4678	0.0	0.0	0.0
62	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
62	8:00 AM	0.25	88.1	35499	8875	88.1	35499	8875	0.0	0.0	0.0
62	8:15 AM	0.25	82.1	33065	8266	82.1	33065	8266	0.0	0.0	0.0
62	8:30 AM	0.25	58.7	23636	5909	58.7	23636	5909	0.0	0.0	0.0
62	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
62	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
62	9:15 AM	0.25	24.5	9856	2464	24.5	9856	2464	0.0	0.0	0.0
62	9:30 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
62	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
62	10:00 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
62	10:15 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
62	10:30 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
62	10:45 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
62	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
62	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
62	11:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
62	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
62	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
62	12:15 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
62	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
62	12:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
62	1:00 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
62	1:15 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
62	1:30 PM	0.25	3.9	1579	395	4.5	1800	450	0.6	221.3	55.3
62	1:45 PM	0.25	5.9	2390	598	6.1	2449	612	0.2	59.0	14.8
62	2:00 PM	0.25	6.3	2552	638	6.5	2626	657	0.2	73.8	18.4
62	2:15 PM	0.25	8.3	3349	837	9.0	3630	907	0.7	280.3	70.1
62	2:30 PM	0.25	9.1	3659	915	9.9	3969	992	0.8	309.8	77.5
62	2:45 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
62	3:00 PM	0.25	11.3	4559	1140	12.9	5193	1298	1.6	634.4	158.6
62	3:15 PM	0.25	13.9	5577	1394	15.1	6093	1523	1.3	516.4	129.1
62	3:30 PM	0.25	15.9	6389	1597	17.5	7052	1763	1.7	663.9	166.0
62	3:45 PM	0.25	17.9	7200	1800	19.5	7864	1966	1.6	663.9	166.0
62	4:00 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
62	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
62	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
62	4:45 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
62	5:00 PM	0.10	31.9	12836	1280	35.6	14326	1428	3.7	1490.1	148.6
62	5:05 PM	0.00	36.2	14592	0	40.3	16215	0	4.0	1622.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
63	7:35 AM	0.16	86.9	35012	5543	86.9	35012	5543	0.0	0.0	0.0
63	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
63	8:00 AM	0.25	88.1	35499	8875	88.1	35499	8875	0.0	0.0	0.0
63	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
63	8:30 AM	0.25	58.7	23636	5909	58.7	23636	5909	0.0	0.0	0.0
63	8:45 AM	0.25	47.2	19003	4751	47.2	19003	4751	0.0	0.0	0.0
63	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
63	9:15 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
63	9:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
63	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
63	10:00 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
63	10:15 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
63	10:30 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
63	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
63	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
63	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
63	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
63	11:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
63	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0

63	12:15 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
63	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
63	12:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
63	1:00 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
63	1:15 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
63	1:30 PM	0.25	3.9	1579	395	4.5	1800	450	0.6	221.3	55.3
63	1:45 PM	0.25	5.9	2390	598	6.1	2449	612	0.2	59.0	14.8
63	2:00 PM	0.25	6.3	2552	638	6.5	2626	657	0.2	73.8	18.4
63	2:15 PM	0.25	8.3	3349	837	9.0	3630	907	0.7	280.3	70.1
63	2:30 PM	0.25	9.1	3659	915	9.9	3969	992	0.8	309.8	77.5
63	2:45 PM	0.25	10.3	4161	1040	11.3	4530	1132	0.9	368.9	92.2
63	3:00 PM	0.25	11.3	4559	1140	12.9	5193	1298	1.6	634.4	158.6
63	3:15 PM	0.25	12.8	5149	1287	14.3	5754	1439	1.5	604.9	151.2
63	3:30 PM	0.25	14.3	5739	1435	15.6	6285	1571	1.4	545.9	136.5
63	3:45 PM	0.25	16.4	6610	1652	18.0	7244	1811	1.6	634.4	158.6
63	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
63	4:15 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
63	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
63	4:45 PM	0.25	28.0	11287	2822	31.5	12703	3176	3.5	1416.4	354.1
63	5:00 PM	0.12	31.9	12836	1490	35.6	14326	1663	3.7	1490.1	173.0
63	5:06 PM	0.00	37.0	14887	0	40.9	16465	0	3.9	1578.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
64	7:34 AM	0.18	86.9	35012	6386	86.9	35012	6386	0.0	0.0	0.0
64	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
64	8:00 AM	0.25	88.1	35499	8875	88.1	35499	8875	0.0	0.0	0.0
64	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
64	8:30 AM	0.25	59.4	23931	5983	59.4	23931	5983	0.0	0.0	0.0
64	8:45 AM	0.25	38.8	15610	3902	38.8	15610	3902	0.0	0.0	0.0
64	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
64	9:15 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
64	9:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
64	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
64	10:00 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
64	10:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
64	10:30 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
64	10:45 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
64	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
64	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
64	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
64	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
64	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
64	12:15 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
64	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
64	12:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
64	1:00 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
64	1:15 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
64	1:30 PM	0.25	3.9	1579	395	4.5	1800	450	0.6	221.3	55.3
64	1:45 PM	0.25	5.9	2390	598	6.1	2449	612	0.2	59.0	14.8
64	2:00 PM	0.25	6.3	2552	638	6.5	2626	657	0.2	73.8	18.4
64	2:15 PM	0.25	8.3	3349	837	9.0	3630	907	0.7	280.3	70.1
64	2:30 PM	0.25	9.1	3659	915	9.9	3969	992	0.8	309.8	77.5
64	2:45 PM	0.25	10.3	4161	1040	11.3	4530	1132	0.9	368.9	92.2
64	3:00 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
64	3:15 PM	0.25	12.8	5149	1287	14.3	5754	1439	1.5	604.9	151.2
64	3:30 PM	0.25	14.3	5739	1435	15.6	6285	1571	1.4	545.9	136.5
64	3:45 PM	0.25	16.4	6610	1652	18.0	7244	1811	1.6	634.4	158.6
64	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
64	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9
64	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
64	4:45 PM	0.25	28.0	11287	2822	31.5	12703	3176	3.5	1416.4	354.1
64	5:00 PM	0.13	31.9	12836	1700	35.6	14326	1898	3.7	1490.1	197.4
64	5:07 PM	0.00	37.0	14887	0	40.9	16465	0	3.9	1578.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
65	7:32 AM	0.21	86.9	35012	7233	86.9	35012	7233	0.0	0.0	0.0
65	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0

65	8:00 AM	0.25	88.1	35499	8875	88.1	35499	8875	0.0	0.0	0.0
65	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
65	8:30 AM	0.25	59.4	23931	5983	59.4	23931	5983	0.0	0.0	0.0
65	8:45 AM	0.25	38.8	15610	3902	38.8	15610	3902	0.0	0.0	0.0
65	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
65	9:15 AM	0.25	21.2	8543	2136	21.2	8543	2136	0.0	0.0	0.0
65	9:30 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
65	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
65	10:00 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
65	10:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
65	10:30 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
65	10:45 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
65	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
65	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
65	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
65	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
65	12:00 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
65	12:15 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
65	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
65	12:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
65	1:00 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
65	1:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
65	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
65	1:45 PM	0.25	5.9	2390	598	6.1	2449	612	0.2	59.0	14.8
65	2:00 PM	0.25	6.3	2552	638	6.5	2626	657	0.2	73.8	18.4
65	2:15 PM	0.25	7.3	2951	738	7.9	3187	797	0.6	236.1	59.0
65	2:30 PM	0.25	9.1	3659	915	9.9	3969	992	0.8	309.8	77.5
65	2:45 PM	0.25	10.3	4161	1040	11.3	4530	1132	0.9	368.9	92.2
65	3:00 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
65	3:15 PM	0.25	12.8	5149	1287	14.3	5754	1439	1.5	604.9	151.2
65	3:30 PM	0.25	14.3	5739	1435	15.6	6285	1571	1.4	545.9	136.5
65	3:45 PM	0.25	16.4	6610	1652	18.0	7244	1811	1.6	634.4	158.6
65	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
65	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9
65	4:30 PM	0.25	25.5	10269	2567	28.4	11434	2859	2.9	1165.6	291.4
65	4:45 PM	0.25	28.0	11287	2822	31.5	12703	3176	3.5	1416.4	354.1
65	5:00 PM	0.15	31.9	12836	1909	35.6	14326	2131	3.7	1490.1	221.6
65	5:08 PM	0.00	37.0	14887	0	40.9	16465	0	3.9	1578.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
66	7:31 AM	0.23	86.9	35012	8086	86.9	35012	8086	0.0	0.0	0.0
66	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
66	8:00 AM	0.25	83.6	33670	8417	83.6	33670	8417	0.0	0.0	0.0
66	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
66	8:30 AM	0.25	59.4	23931	5983	59.4	23931	5983	0.0	0.0	0.0
66	8:45 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
66	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
66	9:15 AM	0.25	21.2	8543	2136	21.2	8543	2136	0.0	0.0	0.0
66	9:30 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
66	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
66	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
66	10:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
66	10:30 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
66	10:45 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
66	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
66	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
66	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
66	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
66	12:00 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
66	12:15 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
66	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
66	12:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
66	1:00 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
66	1:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
66	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
66	1:45 PM	0.25	5.5	2198	550	5.6	2272	568	0.2	73.8	18.4
66	2:00 PM	0.25	6.3	2552	638	6.5	2626	657	0.2	73.8	18.4
66	2:15 PM	0.25	7.3	2951	738	7.9	3187	797	0.6	236.1	59.0
66	2:30 PM	0.25	9.4	3777	944	10.3	4146	1036	0.9	368.9	92.2

66	2:45 PM	0.25	10.0	4013	1003	10.6	4264	1066	0.6	250.8	62.7
66	3:00 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
66	3:15 PM	0.25	12.8	5149	1287	14.3	5754	1439	1.5	604.9	151.2
66	3:30 PM	0.25	14.3	5739	1435	15.6	6285	1571	1.4	545.9	136.5
66	3:45 PM	0.25	16.4	6610	1652	18.0	7244	1811	1.6	634.4	158.6
66	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
66	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9
66	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
66	4:45 PM	0.25	28.0	11287	2822	31.5	12703	3176	3.5	1416.4	354.1
66	5:00 PM	0.16	33.0	13279	2190	36.6	14754	2433	3.7	1475.4	243.3
66	5:09 PM	0.00	37.0	14887	0	40.9	16465	0	3.9	1578.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
67	7:29 AM	0.01	88.0	35425	192	88.0	35425	192	0.0	0.0	0.0
67	7:30 AM	0.25	88.0	35425	8856	88.0	35425	8856	0.0	0.0	0.0
67	7:45 AM	0.25	86.4	34806	8701	86.4	34806	8701	0.0	0.0	0.0
67	8:00 AM	0.25	83.6	33670	8417	83.6	33670	8417	0.0	0.0	0.0
67	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
67	8:30 AM	0.25	48.3	19446	4861	48.3	19446	4861	0.0	0.0	0.0
67	8:45 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
67	9:00 AM	0.25	31.5	12703	3176	31.5	12703	3176	0.0	0.0	0.0
67	9:15 AM	0.25	21.2	8543	2136	21.2	8543	2136	0.0	0.0	0.0
67	9:30 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
67	9:45 AM	0.25	13.2	5297	1324	13.2	5297	1324	0.0	0.0	0.0
67	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
67	10:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
67	10:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
67	10:45 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
67	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
67	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
67	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
67	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
67	12:00 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
67	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
67	12:30 PM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
67	12:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
67	1:00 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
67	1:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
67	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
67	1:45 PM	0.25	5.5	2198	550	5.6	2272	568	0.2	73.8	18.4
67	2:00 PM	0.25	6.4	2582	645	6.8	2730	682	0.4	147.5	36.9
67	2:15 PM	0.25	7.3	2951	738	7.9	3187	797	0.6	236.1	59.0
67	2:30 PM	0.25	9.4	3777	944	10.3	4146	1036	0.9	368.9	92.2
67	2:45 PM	0.25	10.0	4013	1003	10.6	4264	1066	0.6	250.8	62.7
67	3:00 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
67	3:15 PM	0.25	13.0	5252	1313	14.7	5902	1475	1.6	649.2	162.3
67	3:30 PM	0.25	14.7	5902	1475	16.2	6521	1630	1.5	619.7	154.9
67	3:45 PM	0.25	16.4	6610	1652	18.0	7244	1811	1.6	634.4	158.6
67	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
67	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9
67	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
67	4:45 PM	0.25	28.0	11287	2822	31.5	12703	3176	3.5	1416.4	354.1
67	5:00 PM	0.18	33.0	13279	2404	36.6	14754	2671	3.7	1475.4	267.1
67	5:10 PM	0.00	37.6	15138	0	41.7	16805	0	4.1	1667.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
68	7:28 AM	0.03	88.0	35425	1064	88.0	35425	1064	0.0	0.0	0.0
68	7:30 AM	0.25	88.0	35425	8856	88.0	35425	8856	0.0	0.0	0.0
68	7:45 AM	0.25	86.9	35012	8753	86.9	35012	8753	0.0	0.0	0.0
68	8:00 AM	0.25	83.6	33670	8417	83.6	33670	8417	0.0	0.0	0.0
68	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
68	8:30 AM	0.25	48.3	19446	4861	48.3	19446	4861	0.0	0.0	0.0
68	8:45 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
68	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
68	9:15 AM	0.25	21.2	8543	2136	21.2	8543	2136	0.0	0.0	0.0
68	9:30 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
68	9:45 AM	0.25	11.5	4648	1162	11.5	4648	1162	0.0	0.0	0.0

68	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
68	10:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
68	10:30 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
68	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
68	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
68	11:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
68	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
68	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
68	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
68	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
68	12:30 PM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
68	12:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
68	1:00 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
68	1:15 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
68	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
68	1:45 PM	0.25	5.5	2198	550	5.6	2272	568	0.2	73.8	18.4
68	2:00 PM	0.25	6.0	2434	609	6.4	2567	642	0.3	132.8	33.2
68	2:15 PM	0.25	7.3	2951	738	7.9	3187	797	0.6	236.1	59.0
68	2:30 PM	0.25	8.7	3497	874	9.5	3807	952	0.8	309.8	77.5
68	2:45 PM	0.25	10.0	4013	1003	10.6	4264	1066	0.6	250.8	62.7
68	3:00 PM	0.25	11.3	4530	1132	12.6	5090	1273	1.4	560.6	140.2
68	3:15 PM	0.25	13.0	5252	1313	14.7	5902	1475	1.6	649.2	162.3
68	3:30 PM	0.25	14.7	5902	1475	16.2	6521	1630	1.5	619.7	154.9
68	3:45 PM	0.25	16.7	6743	1686	18.3	7362	1841	1.5	619.7	154.9
68	4:00 PM	0.25	18.5	7436	1859	20.1	8085	2021	1.6	649.2	162.3
68	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9
68	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
68	4:45 PM	0.25	26.1	10505	2626	29.3	11788	2947	3.2	1283.6	320.9
68	5:00 PM	0.20	33.0	13279	2617	36.6	14754	2907	3.7	1475.4	290.7
68	5:11 PM	0.00	37.6	15138	0	41.7	16805	0	4.1	1667.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
0	12:00 AM	0.00	0.0	0	0	0.0	0	0	0.0	0.0	0.0
69	7:26 AM	0.05	88.0	35425	1939	88.0	35425	1939	0.0	0.0	0.0
69	7:30 AM	0.25	88.0	35425	8856	88.0	35425	8856	0.0	0.0	0.0
69	7:45 AM	0.25	90.1	36281	9070	90.1	36281	9070	0.0	0.0	0.0
69	8:00 AM	0.25	86.0	34629	8657	86.0	34629	8657	0.0	0.0	0.0
69	8:15 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
69	8:30 AM	0.25	48.3	19446	4861	48.3	19446	4861	0.0	0.0	0.0
69	8:45 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
69	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
69	9:15 AM	0.25	21.2	8543	2136	21.2	8543	2136	0.0	0.0	0.0
69	9:30 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
69	9:45 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
69	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
69	10:15 AM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
69	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
69	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
69	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
69	11:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
69	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
69	11:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
69	12:00 PM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
69	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
69	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
69	12:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
69	1:00 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
69	1:15 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
69	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
69	1:45 PM	0.25	5.5	2198	550	5.6	2272	568	0.2	73.8	18.4
69	2:00 PM	0.25	6.0	2434	609	6.4	2567	642	0.3	132.8	33.2
69	2:15 PM	0.25	7.3	2951	738	7.9	3187	797	0.6	236.1	59.0
69	2:30 PM	0.25	8.7	3497	874	9.5	3807	952	0.8	309.8	77.5
69	2:45 PM	0.25	10.0	4013	1003	10.6	4264	1066	0.6	250.8	62.7
69	3:00 PM	0.25	11.3	4530	1132	12.6	5090	1273	1.4	560.6	140.2
69	3:15 PM	0.25	13.0	5252	1313	14.7	5902	1475	1.6	649.2	162.3
69	3:30 PM	0.25	14.7	5902	1475	16.2	6521	1630	1.5	619.7	154.9
69	3:45 PM	0.25	16.7	6743	1686	18.3	7362	1841	1.5	619.7	154.9
69	4:00 PM	0.25	18.8	7584	1896	20.7	8321	2080	1.8	737.7	184.4
69	4:15 PM	0.25	20.6	8277	2069	22.6	9088	2272	2.0	811.5	202.9

69	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
69	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
69	5:00 PM	0.21	33.0	13279	2829	36.6	14754	3143	3.7	1475.4	314.3
69	5:12 PM	0.00	37.6	15138	0	41.7	16805	0	4.1	1667.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
70	8:25 AM	0.08	49.1	19785	1574	49.1	19785	1574	0.0	0.0	0.0
70	8:30 AM	0.25	48.3	19446	4861	48.3	19446	4861	0.0	0.0	0.0
70	8:45 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
70	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
70	9:15 AM	0.25	21.4	8631	2158	21.4	8631	2158	0.0	0.0	0.0
70	9:30 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
70	9:45 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
70	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
70	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
70	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
70	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
70	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
70	11:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
70	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
70	11:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
70	12:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
70	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
70	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
70	12:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
70	1:00 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
70	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
70	1:30 PM	0.25	3.7	1475	369	4.2	1697	424	0.6	221.3	55.3
70	1:45 PM	0.25	5.5	2198	550	5.6	2272	568	0.2	73.8	18.4
70	2:00 PM	0.25	6.0	2434	609	6.4	2567	642	0.3	132.8	33.2
70	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
70	2:30 PM	0.25	8.7	3497	874	9.5	3807	952	0.8	309.8	77.5
70	2:45 PM	0.25	10.2	4087	1022	11.0	4411	1103	0.8	324.6	81.1
70	3:00 PM	0.25	10.6	4264	1066	11.9	4795	1199	1.3	531.2	132.8
70	3:15 PM	0.25	12.3	4972	1243	13.7	5533	1383	1.4	560.7	140.2
70	3:30 PM	0.25	14.0	5636	1409	15.7	6315	1579	1.7	678.7	169.7
70	3:45 PM	0.25	15.8	6374	1593	17.4	7023	1756	1.6	649.2	162.3
70	4:00 PM	0.25	18.8	7584	1896	20.7	8321	2080	1.8	737.7	184.4
70	4:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
70	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
70	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
70	5:00 PM	0.25	33.0	13279	3320	36.6	14754	3688	3.7	1475.4	368.9
70	5:15 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
70	5:30 PM	0.25	43.1	17351	4338	48.1	19357	4839	5.0	2006.6	501.6
70	5:45 PM	0.25	58.7	23636	5909	64.6	26027	6507	5.9	2390.3	597.6
70	6:00 PM	0.23	72.8	29332	6715	77.1	31058	7111	4.3	1726.4	395.2
70	6:13 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
71	8:23 AM	0.11	49.1	19785	2088	49.1	19785	2088	0.0	0.0	0.0
71	8:30 AM	0.25	48.3	19446	4861	48.3	19446	4861	0.0	0.0	0.0
71	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
71	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
71	9:15 AM	0.25	21.4	8631	2158	21.4	8631	2158	0.0	0.0	0.0
71	9:30 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
71	9:45 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
71	10:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
71	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
71	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
71	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
71	11:00 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
71	11:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
71	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
71	11:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
71	12:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
71	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
71	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0

71	12:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
71	1:00 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
71	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
71	1:30 PM	0.25	3.3	1328	332	3.9	1549	387	0.6	221.3	55.3
71	1:45 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
71	2:00 PM	0.25	6.0	2434	609	6.4	2567	642	0.3	132.8	33.2
71	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
71	2:30 PM	0.25	8.7	3497	874	9.5	3807	952	0.8	309.8	77.5
71	2:45 PM	0.25	10.2	4087	1022	11.0	4411	1103	0.8	324.6	81.1
71	3:00 PM	0.25	10.6	4264	1066	11.9	4795	1199	1.3	531.2	132.8
71	3:15 PM	0.25	12.3	4972	1243	13.7	5533	1383	1.4	560.7	140.2
71	3:30 PM	0.25	14.0	5636	1409	15.7	6315	1579	1.7	678.7	169.7
71	3:45 PM	0.25	15.8	6374	1593	17.4	7023	1756	1.6	649.2	162.3
71	4:00 PM	0.25	17.4	7023	1756	19.3	7775	1944	1.9	752.5	188.1
71	4:15 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
71	4:30 PM	0.25	23.7	9546	2386	26.0	10461	2615	2.3	914.7	228.7
71	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
71	5:00 PM	0.25	29.6	11936	2984	33.6	13515	3379	3.9	1578.6	394.7
71	5:15 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
71	5:30 PM	0.25	43.1	17351	4338	48.1	19357	4839	5.0	2006.6	501.6
71	5:45 PM	0.25	58.7	23636	5909	64.6	26027	6507	5.9	2390.3	597.6
71	6:00 PM	0.25	72.8	29332	7200	77.1	31058	7623	4.3	1726.4	423.7
71	6:14 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
72	8:22 AM	0.13	49.1	19785	2582	49.1	19785	2582	0.0	0.0	0.0
72	8:30 AM	0.25	49.1	19785	4946	49.1	19785	4946	0.0	0.0	0.0
72	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
72	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
72	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
72	9:30 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
72	9:45 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
72	10:00 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
72	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
72	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
72	10:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
72	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
72	11:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
72	11:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
72	11:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
72	12:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
72	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
72	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
72	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
72	1:00 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
72	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
72	1:30 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
72	1:45 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
72	2:00 PM	0.25	6.0	2434	609	6.4	2567	642	0.3	132.8	33.2
72	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
72	2:30 PM	0.25	8.7	3497	874	9.5	3807	952	0.8	309.8	77.5
72	2:45 PM	0.25	9.8	3939	985	10.3	4161	1040	0.6	221.3	55.3
72	3:00 PM	0.25	10.6	4264	1066	11.9	4795	1199	1.3	531.2	132.8
72	3:15 PM	0.25	12.3	4972	1243	13.7	5533	1383	1.4	560.7	140.2
72	3:30 PM	0.25	14.0	5636	1409	15.7	6315	1579	1.7	678.7	169.7
72	3:45 PM	0.25	15.8	6374	1593	17.4	7023	1756	1.6	649.2	162.3
72	4:00 PM	0.25	17.4	7023	1756	19.3	7775	1944	1.9	752.5	188.1
72	4:15 PM	0.25	20.0	8056	2014	21.7	8720	2180	1.7	663.9	166.0
72	4:30 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
72	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
72	5:00 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
72	5:15 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
72	5:30 PM	0.25	43.1	17351	4338	48.1	19357	4839	5.0	2006.6	501.6
72	5:45 PM	0.25	52.6	21172	5293	56.9	22913	5728	4.3	1741.1	435.3
72	6:00 PM	0.25	72.8	29332	7333	77.1	31058	7764	4.3	1726.4	431.6
72	6:15 PM	0.01	86.0	34643	389	86.7	34924	393	0.7	280.3	3.1
72	6:15 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		

DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
73	8:20 AM	0.16	50.6	20361	3168	50.6	20361	3168	0.0	0.0	0.0
73	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
73	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
73	9:00 AM	0.25	26.6	10726	2682	26.6	10726	2682	0.0	0.0	0.0
73	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
73	9:30 AM	0.25	14.4	5798	1450	14.4	5798	1450	0.0	0.0	0.0
73	9:45 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
73	10:00 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
73	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
73	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
73	10:45 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
73	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
73	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
73	11:30 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
73	11:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
73	12:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
73	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
73	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
73	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
73	1:00 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
73	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
73	1:30 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
73	1:45 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
73	2:00 PM	0.25	6.0	2434	609	6.1	2464	616	0.1	29.5	7.4
73	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
73	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
73	2:45 PM	0.25	9.8	3939	985	10.3	4161	1040	0.6	221.3	55.3
73	3:00 PM	0.25	10.6	4264	1066	11.9	4795	1199	1.3	531.2	132.8
73	3:15 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
73	3:30 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
73	3:45 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
73	4:00 PM	0.25	17.4	7023	1756	19.3	7775	1944	1.9	752.5	188.1
73	4:15 PM	0.25	20.0	8056	2014	21.7	8720	2180	1.7	663.9	166.0
73	4:30 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
73	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
73	5:00 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
73	5:15 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
73	5:30 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
73	5:45 PM	0.25	52.6	21172	5293	56.9	22913	5728	4.3	1741.1	435.3
73	6:00 PM	0.25	72.8	29332	7333	77.1	31058	7764	4.3	1726.4	431.6
73	6:15 PM	0.03	86.0	34643	934	86.7	34924	942	0.7	280.3	7.6
73	6:16 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			**PROPOSED CONDITIONS**			**NET CHANGE**		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
74	8:19 AM	0.18	50.6	20361	3680	50.6	20361	3680	0.0	0.0	0.0
74	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
74	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
74	9:00 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
74	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
74	9:30 AM	0.25	14.4	5798	1450	14.4	5798	1450	0.0	0.0	0.0
74	9:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
74	10:00 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
74	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
74	10:30 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
74	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
74	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
74	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
74	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
74	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
74	12:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
74	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
74	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
74	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
74	1:00 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
74	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
74	1:30 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
74	1:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0

74	2:00 PM	0.25	6.0	2434	609	6.1	2464	616	0.1	29.5	7.4
74	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
74	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
74	2:45 PM	0.25	9.8	3939	985	10.3	4161	1040	0.6	221.3	55.3
74	3:00 PM	0.25	10.6	4264	1066	11.9	4795	1199	1.3	531.2	132.8
74	3:15 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
74	3:30 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
74	3:45 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
74	4:00 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
74	4:15 PM	0.25	20.0	8056	2014	21.7	8720	2180	1.7	663.9	166.0
74	4:30 PM	0.25	22.6	9103	2276	24.5	9885	2471	1.9	782.0	195.5
74	4:45 PM	0.25	26.5	10652	2663	29.7	11980	2995	3.3	1327.8	332.0
74	5:00 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
74	5:15 PM	0.25	34.3	13810	3452	38.0	15300	3825	3.7	1490.2	372.5
74	5:30 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
74	5:45 PM	0.25	52.6	21172	5293	56.9	22913	5728	4.3	1741.1	435.3
74	6:00 PM	0.25	72.8	29332	7333	77.1	31058	7764	4.3	1726.4	431.6
74	6:15 PM	0.04	86.0	34643	1478	86.7	34924	1490	0.7	280.3	12.0
74	6:17 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
75	8:17 AM	0.21	50.6	20361	4194	50.6	20361	4194	0.0	0.0	0.0
75	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
75	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
75	9:00 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
75	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
75	9:30 AM	0.25	14.4	5798	1450	14.4	5798	1450	0.0	0.0	0.0
75	9:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
75	10:00 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
75	10:15 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
75	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
75	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
75	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
75	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
75	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
75	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
75	12:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
75	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
75	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
75	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
75	1:00 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
75	1:15 PM	0.25	2.9	1151	288	2.9	1151	288	0.0	0.0	0.0
75	1:30 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
75	1:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
75	2:00 PM	0.25	6.0	2434	609	6.1	2464	616	0.1	29.5	7.4
75	2:15 PM	0.25	7.6	3039	760	8.0	3231	808	0.5	191.8	47.9
75	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
75	2:45 PM	0.25	9.8	3939	985	10.3	4161	1040	0.6	221.3	55.3
75	3:00 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
75	3:15 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
75	3:30 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
75	3:45 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
75	4:00 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
75	4:15 PM	0.25	20.0	8056	2014	21.7	8720	2180	1.7	663.9	166.0
75	4:30 PM	0.25	22.6	9103	2276	24.5	9885	2471	1.9	782.0	195.5
75	4:45 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
75	5:00 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
75	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
75	5:30 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
75	5:45 PM	0.25	52.6	21172	5293	56.9	22913	5728	4.3	1741.1	435.3
75	6:00 PM	0.25	72.8	29332	7333	77.1	31058	7764	4.3	1726.4	431.6
75	6:15 PM	0.06	85.8	34540	2013	86.0	34629	2018	0.2	88.5	5.2
75	6:18 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
76	8:16 AM	0.23	50.6	20361	4708	50.6	20361	4708	0.0	0.0	0.0
76	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0

76	8:45 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
76	9:00 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
76	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
76	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
76	9:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
76	10:00 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
76	10:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
76	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
76	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
76	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
76	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
76	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
76	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
76	12:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
76	12:15 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
76	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
76	12:45 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
76	1:00 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
76	1:15 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
76	1:30 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
76	1:45 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
76	2:00 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
76	2:15 PM	0.25	6.9	2789	697	7.4	2966	741	0.4	177.1	44.3
76	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
76	2:45 PM	0.25	9.8	3939	985	10.3	4161	1040	0.6	221.3	55.3
76	3:00 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
76	3:15 PM	0.25	12.5	5046	1261	14.0	5651	1413	1.5	604.9	151.2
76	3:30 PM	0.25	13.7	5533	1383	15.4	6197	1549	1.6	663.9	166.0
76	3:45 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
76	4:00 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
76	4:15 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
76	4:30 PM	0.25	22.6	9103	2276	24.5	9885	2471	1.9	782.0	195.5
76	4:45 PM	0.25	25.6	10313	2578	28.2	11375	2844	2.6	1062.3	265.6
76	5:00 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
76	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
76	5:30 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
76	5:45 PM	0.25	52.6	21172	5293	56.9	22913	5728	4.3	1741.1	435.3
76	6:00 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
76	6:15 PM	0.07	85.8	34540	2551	86.0	34629	2558	0.2	88.5	6.5
76	6:19 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
77	8:14 AM	0.01	51.4	20715	135	51.4	20715	135	0.0	0.0	0.0
77	8:15 AM	0.25	50.6	20361	5090	50.6	20361	5090	0.0	0.0	0.0
77	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
77	8:45 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
77	9:00 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
77	9:15 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
77	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
77	9:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
77	10:00 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
77	10:15 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
77	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
77	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
77	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
77	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
77	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
77	11:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
77	12:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
77	12:15 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
77	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
77	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
77	1:00 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
77	1:15 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
77	1:30 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
77	1:45 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
77	2:00 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
77	2:15 PM	0.25	6.9	2789	697	7.4	2966	741	0.4	177.1	44.3
77	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1

77	2:45 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4
77	3:00 PM	0.25	10.6	4249	1062	11.9	4795	1199	1.4	545.9	136.5
77	3:15 PM	0.25	12.5	5046	1261	14.0	5651	1413	1.5	604.9	151.2
77	3:30 PM	0.25	13.7	5533	1383	15.4	6197	1549	1.6	663.9	166.0
77	3:45 PM	0.25	15.1	6064	1516	16.2	6507	1627	1.1	442.6	110.7
77	4:00 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
77	4:15 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
77	4:30 PM	0.25	22.6	9103	2276	24.5	9885	2471	1.9	782.0	195.5
77	4:45 PM	0.25	25.6	10313	2578	28.2	11375	2844	2.6	1062.3	265.6
77	5:00 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
77	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
77	5:30 PM	0.25	39.6	15949	3987	44.0	17734	4434	4.4	1785.2	446.3
77	5:45 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
77	6:00 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
77	6:15 PM	0.09	85.8	34540	3088	86.0	34629	3096	0.2	88.5	7.9
77	6:20 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
78	8:13 AM	0.03	51.4	20715	660	51.4	20715	660	0.0	0.0	0.0
78	8:15 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
78	8:30 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
78	8:45 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
78	9:00 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
78	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
78	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
78	9:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
78	10:00 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
78	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
78	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
78	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
78	11:00 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
78	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
78	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
78	11:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
78	12:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
78	12:15 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
78	12:30 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
78	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
78	1:00 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
78	1:15 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
78	1:30 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
78	1:45 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
78	2:00 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
78	2:15 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
78	2:30 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
78	2:45 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
78	3:00 PM	0.25	10.6	4249	1062	11.9	4795	1199	1.4	545.9	136.5
78	3:15 PM	0.25	12.5	5046	1261	14.0	5651	1413	1.5	604.9	151.2
78	3:30 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
78	3:45 PM	0.25	15.1	6064	1516	16.2	6507	1627	1.1	442.6	110.7
78	4:00 PM	0.25	17.0	6831	1708	18.5	7466	1866	1.6	634.4	158.6
78	4:15 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
78	4:30 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
78	4:45 PM	0.25	25.6	10313	2578	28.2	11375	2844	2.6	1062.3	265.6
78	5:00 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
78	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
78	5:30 PM	0.25	39.6	15949	3987	44.0	17734	4434	4.4	1785.2	446.3
78	5:45 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
78	6:00 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
78	6:15 PM	0.10	85.8	34540	3623	86.0	34629	3632	0.2	88.5	9.3
78	6:21 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
79	8:11 AM	0.06	51.4	20715	1186	51.4	20715	1186	0.0	0.0	0.0
79	8:15 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
79	8:30 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
79	8:45 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0

79	9:00 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
79	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
79	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
79	9:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
79	10:00 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
79	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
79	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
79	10:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
79	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
79	11:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
79	11:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
79	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
79	12:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
79	12:15 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
79	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
79	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
79	1:00 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
79	1:15 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
79	1:30 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
79	1:45 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
79	2:00 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
79	2:15 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
79	2:30 PM	0.25	8.4	3393	848	9.2	3689	922	0.7	295.1	73.8
79	2:45 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
79	3:00 PM	0.25	10.6	4249	1062	11.9	4795	1199	1.4	545.9	136.5
79	3:15 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
79	3:30 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
79	3:45 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
79	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
79	4:15 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
79	4:30 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
79	4:45 PM	0.25	25.6	10313	2578	28.2	11375	2844	2.6	1062.3	265.6
79	5:00 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
79	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
79	5:30 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
79	5:45 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
79	6:00 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
79	6:15 PM	0.12	85.8	34540	4157	86.0	34629	4167	0.2	88.5	10.7
79	6:22 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
80	8:10 AM	0.08	51.4	20715	1712	51.4	20715	1712	0.0	0.0	0.0
80	8:15 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
80	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
80	8:45 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
80	9:00 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
80	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
80	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
80	9:45 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
80	10:00 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
80	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
80	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
80	10:45 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
80	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
80	11:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
80	11:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
80	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
80	12:00 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
80	12:15 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
80	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
80	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
80	1:00 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
80	1:15 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
80	1:30 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
80	1:45 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
80	2:00 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
80	2:15 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
80	2:30 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
80	2:45 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6

80	3:00 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
80	3:15 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
80	3:30 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
80	3:45 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
80	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
80	4:15 PM	0.25	18.8	7584	1896	20.8	8380	2095	2.0	796.7	199.2
80	4:30 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
80	4:45 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
80	5:00 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
80	5:15 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
80	5:30 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
80	5:45 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
80	6:00 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
80	6:15 PM	0.14	74.1	29863	4054	78.8	31751	4311	4.7	1888.6	256.4
80	6:23 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
81	8:08 AM	0.11	51.1	20567	2222	51.1	20567	2222	0.0	0.0	0.0
81	8:15 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
81	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
81	8:45 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
81	9:00 AM	0.25	19.3	7775	1944	19.3	7775	1944	0.0	0.0	0.0
81	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
81	9:30 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
81	9:45 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
81	10:00 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
81	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
81	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
81	10:45 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
81	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
81	11:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
81	11:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
81	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
81	12:00 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
81	12:15 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
81	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
81	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
81	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
81	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
81	1:30 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
81	1:45 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
81	2:00 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
81	2:15 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
81	2:30 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
81	2:45 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
81	3:00 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
81	3:15 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
81	3:30 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
81	3:45 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
81	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
81	4:15 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
81	4:30 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
81	4:45 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
81	5:00 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
81	5:15 PM	0.25	35.9	14444	3611	39.7	15993	3998	3.9	1549.2	387.3
81	5:30 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
81	5:45 PM	0.25	47.1	18974	4743	52.1	20966	5241	4.9	1991.9	498.0
81	6:00 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
81	6:15 PM	0.15	74.1	29863	4514	78.8	31751	4799	4.7	1888.6	285.5
81	6:24 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
82	8:06 AM	0.13	51.1	20567	2744	51.1	20567	2744	0.0	0.0	0.0
82	8:15 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
82	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
82	8:45 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
82	9:00 AM	0.25	19.3	7775	1944	19.3	7775	1944	0.0	0.0	0.0

82	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
82	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
82	9:45 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
82	10:00 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
82	10:15 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
82	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
82	10:45 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
82	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
82	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
82	11:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
82	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
82	12:00 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
82	12:15 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
82	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
82	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
82	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
82	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
82	1:30 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
82	1:45 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
82	2:00 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
82	2:15 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
82	2:30 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
82	2:45 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
82	3:00 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
82	3:15 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
82	3:30 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
82	3:45 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
82	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
82	4:15 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
82	4:30 PM	0.25	21.3	8587	2147	23.2	9354	2339	1.9	767.2	191.8
82	4:45 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
82	5:00 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
82	5:15 PM	0.25	35.9	14444	3611	39.7	15993	3998	3.9	1549.2	387.3
82	5:30 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
82	5:45 PM	0.25	47.1	18974	4743	52.1	20966	5241	4.9	1991.9	498.0
82	6:00 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
82	6:15 PM	0.17	74.1	29863	4972	78.8	31751	5287	4.7	1888.6	314.5
82	6:24 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
83	8:05 AM	0.16	51.1	20567	3267	51.1	20567	3267	0.0	0.0	0.0
83	8:15 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
83	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
83	8:45 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
83	9:00 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
83	9:15 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
83	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
83	9:45 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
83	10:00 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
83	10:15 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
83	10:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
83	10:45 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
83	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
83	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
83	11:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
83	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
83	12:00 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
83	12:15 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
83	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
83	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
83	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
83	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
83	1:30 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
83	1:45 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
83	2:00 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
83	2:15 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
83	2:30 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
83	2:45 PM	0.25	10.1	4057	1014	10.8	4338	1084	0.7	280.3	70.1
83	3:00 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1

83	3:15 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
83	3:30 PM	0.25	13.0	5223	1306	14.5	5857	1464	1.6	634.4	158.6
83	3:45 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
83	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
83	4:15 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
83	4:30 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
83	4:45 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
83	5:00 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
83	5:15 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
83	5:30 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
83	5:45 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
83	6:00 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
83	6:15 PM	0.18	74.1	29863	5430	78.8	31751	5773	4.7	1888.6	343.4
83	6:25 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
84	8:03 AM	0.18	51.1	20567	3789	51.1	20567	3789	0.0	0.0	0.0
84	8:15 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
84	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
84	8:45 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
84	9:00 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
84	9:15 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
84	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
84	9:45 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
84	10:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
84	10:15 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
84	10:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
84	10:45 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
84	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
84	11:15 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
84	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
84	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
84	12:00 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
84	12:15 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
84	12:30 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
84	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
84	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
84	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
84	1:30 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
84	1:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
84	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
84	2:15 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
84	2:30 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
84	2:45 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
84	3:00 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
84	3:15 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6
84	3:30 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
84	3:45 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
84	4:00 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
84	4:15 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
84	4:30 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
84	4:45 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
84	5:00 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
84	5:15 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
84	5:30 PM	0.25	41.7	16775	4194	45.7	18413	4603	4.1	1637.7	409.4
84	5:45 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
84	6:00 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
84	6:15 PM	0.20	74.1	29863	5887	78.8	31751	6259	4.7	1888.6	372.3
84	6:26 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
85	8:02 AM	0.21	51.0	20552	4307	51.0	20552	4307	0.0	0.0	0.0
85	8:15 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
85	8:30 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
85	8:45 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
85	9:00 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
85	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0

85	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
85	9:45 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
85	10:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
85	10:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
85	10:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
85	10:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
85	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
85	11:15 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
85	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
85	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
85	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
85	12:15 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
85	12:30 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
85	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
85	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
85	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
85	1:30 PM	0.25	4.2	1697	424	4.4	1785	446	0.2	88.5	22.1
85	1:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
85	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
85	2:15 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
85	2:30 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
85	2:45 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
85	3:00 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
85	3:15 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6
85	3:30 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
85	3:45 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
85	4:00 PM	0.25	17.3	6949	1737	18.8	7554	1889	1.5	604.9	151.2
85	4:15 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
85	4:30 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
85	4:45 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
85	5:00 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
85	5:15 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
85	5:30 PM	0.25	41.7	16775	4194	45.7	18413	4603	4.1	1637.7	409.4
85	5:45 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
85	6:00 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
85	6:15 PM	0.21	74.1	29863	6343	78.8	31751	6745	4.7	1888.6	401.2
85	6:27 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
86	8:00 AM	0.23	51.0	20552	4828	51.0	20552	4828	0.0	0.0	0.0
86	8:15 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
86	8:30 AM	0.25	28.5	11479	2870	28.5	11479	2870	0.0	0.0	0.0
86	8:45 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
86	9:00 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
86	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
86	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
86	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
86	10:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
86	10:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
86	10:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
86	10:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
86	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
86	11:15 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
86	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
86	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
86	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
86	12:15 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
86	12:30 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
86	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
86	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
86	1:15 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
86	1:30 PM	0.25	3.7	1505	376	4.4	1756	439	0.6	250.8	62.7
86	1:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
86	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
86	2:15 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
86	2:30 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
86	2:45 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
86	3:00 PM	0.25	10.4	4205	1051	11.9	4780	1195	1.4	575.4	143.9
86	3:15 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6

86	3:30 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
86	3:45 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
86	4:00 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
86	4:15 PM	0.25	19.7	7952	1988	21.1	8513	2128	1.4	560.6	140.2
86	4:30 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
86	4:45 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
86	5:00 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
86	5:15 PM	0.25	32.8	13220	3305	36.0	14503	3626	3.2	1283.6	320.9
86	5:30 PM	0.25	41.7	16775	4194	45.7	18413	4603	4.1	1637.7	409.4
86	5:45 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
86	6:00 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7
86	6:15 PM	0.23	75.8	30512	6947	79.6	32076	7303	3.9	1564.0	356.1
86	6:28 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
87	7:59 AM	0.01	51.0	20552	209	51.0	20552	209	0.0	0.0	0.0
87	8:00 AM	0.25	51.0	20552	5138	51.0	20552	5138	0.0	0.0	0.0
87	8:15 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
87	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
87	8:45 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
87	9:00 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
87	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
87	9:30 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
87	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
87	10:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
87	10:15 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
87	10:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
87	10:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
87	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
87	11:15 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
87	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
87	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
87	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
87	12:15 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
87	12:30 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
87	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
87	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
87	1:15 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
87	1:30 PM	0.25	3.7	1505	376	4.4	1756	439	0.6	250.8	62.7
87	1:45 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
87	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
87	2:15 PM	0.25	7.0	2833	708	7.5	3025	756	0.5	191.8	47.9
87	2:30 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
87	2:45 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
87	3:00 PM	0.25	10.4	4205	1051	11.9	4780	1195	1.4	575.4	143.9
87	3:15 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6
87	3:30 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
87	3:45 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
87	4:00 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
87	4:15 PM	0.25	19.7	7952	1988	21.1	8513	2128	1.4	560.6	140.2
87	4:30 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
87	4:45 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
87	5:00 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
87	5:15 PM	0.25	32.8	13220	3305	36.0	14503	3626	3.2	1283.6	320.9
87	5:30 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
87	5:45 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
87	6:00 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
87	6:15 PM	0.24	75.8	30512	7412	79.6	32076	7792	3.9	1564.0	380.0
87	6:29 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
88	7:57 AM	0.04	51.0	20552	728	51.0	20552	728	0.0	0.0	0.0
88	8:00 AM	0.25	51.0	20552	5138	51.0	20552	5138	0.0	0.0	0.0
88	8:15 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
88	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
88	8:45 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
88	9:00 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0

88	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
88	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
88	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
88	10:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
88	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
88	10:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
88	10:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
88	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
88	11:15 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
88	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
88	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
88	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
88	12:15 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
88	12:30 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
88	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
88	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
88	1:15 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
88	1:30 PM	0.25	3.7	1505	376	4.4	1756	439	0.6	250.8	62.7
88	1:45 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
88	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
88	2:15 PM	0.25	7.0	2833	708	7.5	3025	756	0.5	191.8	47.9
88	2:30 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
88	2:45 PM	0.25	9.6	3880	970	10.3	4161	1040	0.7	280.3	70.1
88	3:00 PM	0.25	10.4	4205	1051	11.9	4780	1195	1.4	575.4	143.9
88	3:15 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6
88	3:30 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
88	3:45 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
88	4:00 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
88	4:15 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
88	4:30 PM	0.25	21.9	8838	2209	24.0	9649	2412	2.0	811.4	202.9
88	4:45 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
88	5:00 PM	0.25	29.6	11936	2984	32.6	13146	3286	3.0	1209.8	302.5
88	5:15 PM	0.25	32.8	13220	3305	36.0	14503	3626	3.2	1283.6	320.9
88	5:30 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
88	5:45 PM	0.25	48.4	19475	4869	53.1	21393	5348	4.8	1918.2	479.5
88	6:00 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
88	6:15 PM	0.25	75.8	30512	7628	79.6	32076	8019	3.9	1564.0	391.0
88	6:30 PM	0.01	87.9	35411	289	88.1	35484	290	0.2	73.8	0.6
88	6:30 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
89	7:56 AM	0.06	50.7	20434	1238	50.7	20434	1238	0.0	0.0	0.0
89	8:00 AM	0.25	51.0	20552	5138	51.0	20552	5138	0.0	0.0	0.0
89	8:15 AM	0.25	34.5	13913	3478	34.5	13913	3478	0.0	0.0	0.0
89	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
89	8:45 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
89	9:00 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
89	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
89	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
89	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
89	10:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
89	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
89	10:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
89	10:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
89	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
89	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
89	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
89	11:45 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
89	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
89	12:15 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
89	12:30 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
89	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
89	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
89	1:15 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
89	1:30 PM	0.25	3.7	1505	376	4.4	1756	439	0.6	250.8	62.7
89	1:45 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
89	2:00 PM	0.25	6.1	2449	612	6.3	2538	634	0.2	88.5	22.1
89	2:15 PM	0.25	7.0	2833	708	7.5	3025	756	0.5	191.8	47.9
89	2:30 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1

89	2:45 PM	0.25	9.6	3880	970	10.3	4161	1040	0.7	280.3	70.1
89	3:00 PM	0.25	10.4	4205	1051	11.9	4780	1195	1.4	575.4	143.9
89	3:15 PM	0.25	12.4	5002	1250	13.9	5592	1398	1.5	590.2	147.5
89	3:30 PM	0.25	13.3	5356	1339	14.6	5872	1468	1.3	516.4	129.1
89	3:45 PM	0.25	14.7	5916	1479	16.0	6433	1608	1.3	516.4	129.1
89	4:00 PM	0.25	16.1	6492	1623	17.8	7185	1796	1.7	693.4	173.4
89	4:15 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
89	4:30 PM	0.25	21.9	8838	2209	24.0	9649	2412	2.0	811.4	202.9
89	4:45 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
89	5:00 PM	0.25	26.9	10844	2711	29.6	11936	2984	2.7	1091.8	273.0
89	5:15 PM	0.25	32.8	13220	3305	36.0	14503	3626	3.2	1283.6	320.9
89	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
89	5:45 PM	0.25	48.4	19475	4869	53.1	21393	5348	4.8	1918.2	479.5
89	6:00 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
89	6:15 PM	0.25	75.8	30512	7628	79.6	32076	8019	3.9	1564.0	391.0
89	6:30 PM	0.02	87.9	35411	828	88.1	35484	830	0.2	73.8	1.7
89	6:31 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
90	7:54 AM	0.09	50.7	20434	1752	50.7	20434	1752	0.0	0.0	0.0
90	8:00 AM	0.25	51.0	20552	5138	51.0	20552	5138	0.0	0.0	0.0
90	8:15 AM	0.25	34.5	13913	3478	34.5	13913	3478	0.0	0.0	0.0
90	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
90	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
90	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
90	9:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
90	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
90	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
90	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
90	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
90	10:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
90	10:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
90	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
90	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
90	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
90	11:45 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
90	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
90	12:15 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
90	12:30 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
90	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
90	1:00 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
90	1:15 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
90	1:30 PM	0.25	3.7	1505	376	4.4	1756	439	0.6	250.8	62.7
90	1:45 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
90	2:00 PM	0.25	5.8	2346	586	5.9	2361	590	0.0	14.8	3.7
90	2:15 PM	0.25	7.4	2966	741	7.9	3172	793	0.5	206.6	51.6
90	2:30 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
90	2:45 PM	0.25	8.6	3467	867	9.5	3836	959	0.9	368.9	92.2
90	3:00 PM	0.25	10.0	4028	1007	11.0	4411	1103	0.9	383.6	95.9
90	3:15 PM	0.25	11.3	4544	1136	12.8	5149	1287	1.5	604.9	151.2
90	3:30 PM	0.25	13.3	5356	1339	14.6	5872	1468	1.3	516.4	129.1
90	3:45 PM	0.25	14.7	5916	1479	16.0	6433	1608	1.3	516.4	129.1
90	4:00 PM	0.25	16.1	6492	1623	17.8	7185	1796	1.7	693.4	173.4
90	4:15 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
90	4:30 PM	0.25	21.9	8838	2209	24.0	9649	2412	2.0	811.4	202.9
90	4:45 PM	0.25	24.5	9870	2468	26.4	10638	2659	1.9	767.2	191.8
90	5:00 PM	0.25	26.9	10844	2711	29.6	11936	2984	2.7	1091.8	273.0
90	5:15 PM	0.25	32.8	13220	3305	36.0	14503	3626	3.2	1283.6	320.9
90	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
90	5:45 PM	0.25	48.4	19475	4869	53.1	21393	5348	4.8	1918.2	479.5
90	6:00 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
90	6:15 PM	0.25	75.8	30512	7628	79.6	32076	8019	3.9	1564.0	391.0
90	6:30 PM	0.04	86.7	34924	1348	86.9	35012	1352	0.2	88.5	3.4
90	6:32 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
91	7:53 AM	0.11	50.7	20434	2264	50.7	20434	2264	0.0	0.0	0.0

91	8:00 AM	0.25	50.7	20434	5109	50.7	20434	5109	0.0	0.0	0.0
91	8:15 AM	0.25	34.5	13913	3478	34.5	13913	3478	0.0	0.0	0.0
91	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
91	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
91	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
91	9:15 AM	0.25	10.5	4220	1055	10.5	4220	1055	0.0	0.0	0.0
91	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
91	9:45 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
91	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
91	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
91	10:30 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
91	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
91	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
91	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
91	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
91	11:45 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
91	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
91	12:15 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
91	12:30 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
91	12:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
91	1:00 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
91	1:15 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
91	1:30 PM	0.25	3.3	1328	332	3.8	1520	380	0.5	191.8	48.0
91	1:45 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
91	2:00 PM	0.25	5.9	2361	590	6.2	2479	620	0.3	118.0	29.5
91	2:15 PM	0.25	7.4	2966	741	7.9	3172	793	0.5	206.6	51.6
91	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
91	2:45 PM	0.25	8.6	3467	867	9.5	3836	959	0.9	368.9	92.2
91	3:00 PM	0.25	9.9	3984	996	11.1	4456	1114	1.2	472.1	118.0
91	3:15 PM	0.25	11.3	4544	1136	12.8	5149	1287	1.5	604.9	151.2
91	3:30 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
91	3:45 PM	0.25	14.7	5916	1479	16.0	6433	1608	1.3	516.4	129.1
91	4:00 PM	0.25	16.1	6492	1623	17.8	7185	1796	1.7	693.4	173.4
91	4:15 PM	0.25	17.9	7215	1804	19.8	7967	1992	1.9	752.4	188.1
91	4:30 PM	0.25	20.2	8130	2032	21.9	8838	2209	1.8	708.2	177.1
91	4:45 PM	0.25	24.5	9870	2468	26.4	10638	2659	1.9	767.2	191.8
91	5:00 PM	0.25	26.9	10844	2711	29.6	11936	2984	2.7	1091.8	273.0
91	5:15 PM	0.25	33.3	13411	3353	36.3	14636	3659	3.0	1224.6	306.2
91	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
91	5:45 PM	0.25	48.4	19475	4869	53.1	21393	5348	4.8	1918.2	479.5
91	6:00 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
91	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
91	6:30 PM	0.05	86.7	34924	1880	86.9	35012	1884	0.2	88.5	4.8
91	6:33 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
92	7:51 AM	0.14	50.7	20434	2774	50.7	20434	2774	0.0	0.0	0.0
92	8:00 AM	0.25	50.7	20434	5109	50.7	20434	5109	0.0	0.0	0.0
92	8:15 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
92	8:30 AM	0.25	28.2	11375	2844	28.2	11375	2844	0.0	0.0	0.0
92	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
92	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
92	9:15 AM	0.25	10.5	4220	1055	10.5	4220	1055	0.0	0.0	0.0
92	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
92	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
92	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
92	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
92	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
92	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
92	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
92	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
92	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
92	11:45 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
92	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
92	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
92	12:30 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
92	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
92	1:00 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
92	1:15 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0

92	1:30 PM	0.25	3.3	1328	332	3.8	1520	380	0.5	191.8	48.0
92	1:45 PM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
92	2:00 PM	0.25	5.9	2361	590	6.2	2479	620	0.3	118.0	29.5
92	2:15 PM	0.25	7.4	2966	741	7.9	3172	793	0.5	206.6	51.6
92	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
92	2:45 PM	0.25	8.6	3467	867	9.5	3836	959	0.9	368.9	92.2
92	3:00 PM	0.25	9.9	3984	996	11.1	4456	1114	1.2	472.1	118.0
92	3:15 PM	0.25	11.3	4544	1136	12.8	5149	1287	1.5	604.9	151.2
92	3:30 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
92	3:45 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
92	4:00 PM	0.25	16.1	6492	1623	17.8	7185	1796	1.7	693.4	173.4
92	4:15 PM	0.25	17.9	7215	1804	19.8	7967	1992	1.9	752.4	188.1
92	4:30 PM	0.25	20.2	8130	2032	21.9	8838	2209	1.8	708.2	177.1
92	4:45 PM	0.25	24.5	9870	2468	26.4	10638	2659	1.9	767.2	191.8
92	5:00 PM	0.25	26.9	10844	2711	29.6	11936	2984	2.7	1091.8	273.0
92	5:15 PM	0.25	33.3	13411	3353	36.3	14636	3659	3.0	1224.6	306.2
92	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
92	5:45 PM	0.25	43.0	17321	4330	47.0	18944	4736	4.0	1623.0	405.7
92	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
92	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
92	6:30 PM	0.07	86.7	34924	2411	86.9	35012	2417	0.2	88.5	6.1
92	6:34 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
93	7:50 AM	0.16	51.4	20700	3325	51.4	20700	3325	0.0	0.0	0.0
93	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
93	8:15 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
93	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
93	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
93	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
93	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
93	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
93	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
93	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
93	10:15 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
93	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
93	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
93	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
93	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
93	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
93	11:45 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
93	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
93	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
93	12:30 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
93	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
93	1:00 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
93	1:15 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
93	1:30 PM	0.25	3.3	1328	332	3.8	1520	380	0.5	191.8	48.0
93	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
93	2:00 PM	0.25	5.9	2361	590	6.2	2479	620	0.3	118.0	29.5
93	2:15 PM	0.25	6.3	2538	634	6.7	2715	679	0.4	177.1	44.3
93	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
93	2:45 PM	0.25	8.8	3541	885	9.6	3866	966	0.8	324.6	81.2
93	3:00 PM	0.25	9.9	3984	996	11.1	4456	1114	1.2	472.1	118.0
93	3:15 PM	0.25	11.3	4544	1136	12.8	5149	1287	1.5	604.9	151.2
93	3:30 PM	0.25	12.4	5002	1250	14.0	5636	1409	1.6	634.4	158.6
93	3:45 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
93	4:00 PM	0.25	16.1	6492	1623	17.8	7185	1796	1.7	693.4	173.4
93	4:15 PM	0.25	17.9	7215	1804	19.8	7967	1992	1.9	752.4	188.1
93	4:30 PM	0.25	20.6	8292	2073	22.4	9015	2254	1.8	722.9	180.7
93	4:45 PM	0.25	24.5	9870	2468	26.4	10638	2659	1.9	767.2	191.8
93	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
93	5:15 PM	0.25	31.4	12629	3157	34.0	13677	3419	2.6	1047.5	261.9
93	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
93	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
93	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
93	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
93	6:30 PM	0.08	86.7	34924	2942	86.9	35012	2949	0.2	88.5	7.5
93	6:35 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
94	7:48 AM	0.19	51.4	20700	3838	51.4	20700	3838	0.0	0.0	0.0
94	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
94	8:15 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
94	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
94	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
94	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
94	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
94	9:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
94	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
94	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
94	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
94	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
94	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
94	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
94	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
94	11:30 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
94	11:45 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
94	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
94	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
94	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
94	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
94	1:00 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
94	1:15 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
94	1:30 PM	0.25	3.3	1328	332	3.8	1520	380	0.5	191.8	48.0
94	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
94	2:00 PM	0.25	5.9	2361	590	6.2	2479	620	0.3	118.0	29.5
94	2:15 PM	0.25	6.3	2538	634	6.7	2715	679	0.4	177.1	44.3
94	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
94	2:45 PM	0.25	8.8	3541	885	9.6	3866	966	0.8	324.6	81.2
94	3:00 PM	0.25	9.9	3984	996	11.1	4456	1114	1.2	472.1	118.0
94	3:15 PM	0.25	11.3	4559	1140	12.6	5061	1265	1.2	501.6	125.4
94	3:30 PM	0.25	12.4	5002	1250	14.0	5636	1409	1.6	634.4	158.6
94	3:45 PM	0.25	13.9	5607	1402	15.5	6241	1560	1.6	634.4	158.6
94	4:00 PM	0.25	15.3	6152	1538	17.0	6831	1708	1.7	678.7	169.7
94	4:15 PM	0.25	17.9	7215	1804	19.8	7967	1992	1.9	752.4	188.1
94	4:30 PM	0.25	20.6	8292	2073	22.4	9015	2254	1.8	722.9	180.7
94	4:45 PM	0.25	24.5	9870	2468	26.4	10638	2659	1.9	767.2	191.8
94	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
94	5:15 PM	0.25	31.4	12629	3157	34.0	13677	3419	2.6	1047.5	261.9
94	5:30 PM	0.25	37.4	15064	3766	41.6	16761	4190	4.2	1696.7	424.2
94	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
94	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
94	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
94	6:30 PM	0.10	86.7	34924	3473	86.9	35012	3481	0.2	88.5	8.8
94	6:35 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
95	7:47 AM	0.21	51.4	20700	4349	51.4	20700	4349	0.0	0.0	0.0
95	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
95	8:15 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
95	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
95	8:45 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
95	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
95	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
95	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
95	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
95	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
95	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
95	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
95	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
95	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
95	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
95	11:30 AM	0.25	4.8	1933	483	4.8	1933	483	0.0	0.0	0.0
95	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
95	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0

95	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
95	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
95	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
95	1:00 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
95	1:15 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
95	1:30 PM	0.25	4.2	1682	420	4.5	1800	450	0.3	118.0	29.5
95	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
95	2:00 PM	0.25	5.2	2110	527	5.3	2139	535	0.1	29.5	7.4
95	2:15 PM	0.25	6.3	2538	634	6.7	2715	679	0.4	177.1	44.3
95	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
95	2:45 PM	0.25	8.8	3541	885	9.6	3866	966	0.8	324.6	81.2
95	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
95	3:15 PM	0.25	11.3	4559	1140	12.6	5061	1265	1.2	501.6	125.4
95	3:30 PM	0.25	12.4	5002	1250	14.0	5636	1409	1.6	634.4	158.6
95	3:45 PM	0.25	13.9	5607	1402	15.5	6241	1560	1.6	634.4	158.6
95	4:00 PM	0.25	15.3	6152	1538	17.0	6831	1708	1.7	678.7	169.7
95	4:15 PM	0.25	17.9	7215	1804	19.8	7967	1992	1.9	752.4	188.1
95	4:30 PM	0.25	20.6	8292	2073	22.4	9015	2254	1.8	722.9	180.7
95	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
95	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
95	5:15 PM	0.25	31.4	12629	3157	34.0	13677	3419	2.6	1047.5	261.9
95	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
95	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
95	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
95	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
95	6:30 PM	0.11	86.7	34924	4004	86.9	35012	4014	0.2	88.5	10.2
95	6:36 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
96	7:45 AM	0.23	51.4	20700	4857	51.4	20700	4857	0.0	0.0	0.0
96	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
96	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
96	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
96	8:45 AM	0.25	20.2	8115	2029	20.2	8115	2029	0.0	0.0	0.0
96	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
96	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
96	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
96	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
96	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
96	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
96	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
96	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
96	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
96	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
96	11:30 AM	0.25	4.8	1933	483	4.8	1933	483	0.0	0.0	0.0
96	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
96	12:00 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
96	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
96	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
96	12:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
96	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
96	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
96	1:30 PM	0.25	4.2	1682	420	4.5	1800	450	0.3	118.0	29.5
96	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
96	2:00 PM	0.25	5.2	2110	527	5.3	2139	535	0.1	29.5	7.4
96	2:15 PM	0.25	6.7	2685	671	7.1	2877	719	0.5	191.8	48.0
96	2:30 PM	0.25	7.5	3010	752	8.2	3305	826	0.7	295.1	73.8
96	2:45 PM	0.25	8.8	3541	885	9.6	3866	966	0.8	324.6	81.2
96	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
96	3:15 PM	0.25	11.3	4559	1140	12.6	5061	1265	1.2	501.6	125.4
96	3:30 PM	0.25	12.4	5002	1250	14.0	5636	1409	1.6	634.4	158.6
96	3:45 PM	0.25	13.9	5607	1402	15.5	6241	1560	1.6	634.4	158.6
96	4:00 PM	0.25	15.3	6152	1538	17.0	6831	1708	1.7	678.7	169.7
96	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
96	4:30 PM	0.25	20.6	8292	2073	22.4	9015	2254	1.8	722.9	180.7
96	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
96	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
96	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
96	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1

96	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
96	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
96	6:15 PM	0.25	67.2	27059	6765	73.6	29627	7407	6.4	2567.4	641.8
96	6:30 PM	0.13	74.2	29892	3882	77.7	31309	4065	3.5	1416.5	183.9
96	6:37 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
97	7:44 AM	0.01	52.5	21157	192	52.5	21157	192	0.0	0.0	0.0
97	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
97	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
97	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
97	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
97	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
97	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
97	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
97	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
97	9:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
97	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
97	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
97	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
97	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
97	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
97	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
97	11:30 AM	0.25	4.8	1933	483	4.8	1933	483	0.0	0.0	0.0
97	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
97	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
97	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
97	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
97	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
97	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
97	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
97	1:30 PM	0.25	3.3	1313	328	3.7	1475	369	0.4	162.3	40.6
97	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
97	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
97	2:15 PM	0.25	6.7	2685	671	7.1	2877	719	0.5	191.8	48.0
97	2:30 PM	0.25	7.4	2980	745	8.1	3261	815	0.7	280.3	70.1
97	2:45 PM	0.25	7.9	3172	793	8.5	3438	859	0.6	265.6	66.4
97	3:00 PM	0.25	9.5	3836	959	10.4	4190	1048	0.9	354.1	88.5
97	3:15 PM	0.25	10.4	4175	1044	11.7	4721	1180	1.4	545.9	136.5
97	3:30 PM	0.25	12.4	5002	1250	14.0	5636	1409	1.6	634.4	158.6
97	3:45 PM	0.25	13.9	5607	1402	15.5	6241	1560	1.6	634.4	158.6
97	4:00 PM	0.25	15.3	6152	1538	17.0	6831	1708	1.7	678.7	169.7
97	4:15 PM	0.25	17.1	6890	1723	18.9	7598	1900	1.8	708.2	177.1
97	4:30 PM	0.25	20.6	8292	2073	22.4	9015	2254	1.8	722.9	180.7
97	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
97	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
97	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
97	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
97	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
97	6:00 PM	0.25	51.0	20523	5131	55.1	22190	5548	4.1	1667.3	416.8
97	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
97	6:30 PM	0.15	74.2	29892	4336	77.7	31309	4542	3.5	1416.5	205.5
97	6:38 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
98	7:42 AM	0.03	52.5	21157	707	52.5	21157	707	0.0	0.0	0.0
98	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
98	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
98	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
98	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
98	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
98	9:00 AM	0.25	12.5	5046	1261	12.5	5046	1261	0.0	0.0	0.0
98	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
98	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
98	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
98	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
98	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0

98	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
98	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
98	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
98	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
98	11:30 AM	0.25	4.8	1933	483	4.8	1933	483	0.0	0.0	0.0
98	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
98	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
98	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
98	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
98	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
98	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
98	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
98	1:30 PM	0.25	3.3	1313	328	3.7	1475	369	0.4	162.3	40.6
98	1:45 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
98	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
98	2:15 PM	0.25	6.7	2685	671	7.1	2877	719	0.5	191.8	48.0
98	2:30 PM	0.25	7.3	2951	738	8.0	3202	800	0.6	250.8	62.7
98	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
98	3:00 PM	0.25	9.5	3836	959	10.4	4190	1048	0.9	354.1	88.5
98	3:15 PM	0.25	10.4	4175	1044	11.7	4721	1180	1.4	545.9	136.5
98	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
98	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
98	4:00 PM	0.25	15.3	6152	1538	17.0	6831	1708	1.7	678.7	169.7
98	4:15 PM	0.25	17.1	6890	1723	18.9	7598	1900	1.8	708.2	177.1
98	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
98	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
98	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
98	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
98	5:30 PM	0.25	34.1	13736	3434	37.5	15108	3777	3.4	1372.1	343.0
98	5:45 PM	0.25	43.5	17528	4382	46.9	18885	4721	3.4	1357.4	339.3
98	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
98	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
98	6:30 PM	0.16	74.2	29892	4791	77.7	31309	5018	3.5	1416.5	227.0
98	6:39 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
99	7:41 AM	0.06	52.5	21157	1218	52.5	21157	1218	0.0	0.0	0.0
99	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
99	8:00 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
99	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
99	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
99	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
99	9:00 AM	0.25	12.5	5046	1261	12.5	5046	1261	0.0	0.0	0.0
99	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
99	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
99	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
99	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
99	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
99	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
99	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
99	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
99	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
99	11:30 AM	0.25	4.8	1933	483	4.8	1933	483	0.0	0.0	0.0
99	11:45 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
99	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
99	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
99	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
99	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
99	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
99	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
99	1:30 PM	0.25	3.3	1313	328	3.7	1475	369	0.4	162.3	40.6
99	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
99	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
99	2:15 PM	0.25	6.2	2508	627	6.7	2700	675	0.5	191.8	48.0
99	2:30 PM	0.25	7.3	2951	738	8.0	3202	800	0.6	250.8	62.7
99	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
99	3:00 PM	0.25	9.5	3836	959	10.4	4190	1048	0.9	354.1	88.5
99	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
99	3:30 PM	0.25	12.3	4943	1236	13.7	5533	1383	1.5	590.2	147.5

99	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
99	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
99	4:15 PM	0.25	17.1	6890	1723	18.9	7598	1900	1.8	708.2	177.1
99	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
99	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
99	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
99	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
99	5:30 PM	0.25	34.1	13736	3434	37.5	15108	3777	3.4	1372.1	343.0
99	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
99	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
99	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
99	6:30 PM	0.18	74.2	29892	5247	77.7	31309	5495	3.5	1416.5	248.6
99	6:40 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
100	7:40 AM	0.08	52.5	21157	1727	52.5	21157	1727	0.0	0.0	0.0
100	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
100	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
100	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
100	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
100	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
100	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
100	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
100	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
100	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
100	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
100	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
100	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
100	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
100	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
100	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
100	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
100	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
100	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
100	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
100	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
100	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
100	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
100	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
100	1:30 PM	0.25	3.3	1313	328	3.7	1475	369	0.4	162.3	40.6
100	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
100	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
100	2:15 PM	0.25	6.2	2508	627	6.7	2700	675	0.5	191.8	48.0
100	2:30 PM	0.25	7.3	2951	738	8.0	3202	800	0.6	250.8	62.7
100	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
100	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
100	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
100	3:30 PM	0.25	12.3	4943	1236	13.7	5533	1383	1.5	590.2	147.5
100	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
100	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
100	4:15 PM	0.25	17.1	6890	1723	18.9	7598	1900	1.8	708.2	177.1
100	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
100	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
100	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
100	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
100	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
100	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
100	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
100	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
100	6:30 PM	0.19	74.2	29892	5702	77.7	31309	5972	3.5	1416.5	270.2
100	6:41 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
101	7:38 AM	0.11	51.9	20921	2207	51.9	20921	2207	0.0	0.0	0.0
101	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
101	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
101	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0

101	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
101	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
101	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
101	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
101	9:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
101	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
101	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
101	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
101	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
101	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
101	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
101	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
101	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
101	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
101	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
101	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
101	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
101	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
101	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
101	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
101	1:30 PM	0.25	3.3	1313	328	3.7	1475	369	0.4	162.3	40.6
101	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
101	2:00 PM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
101	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
101	2:30 PM	0.25	7.3	2951	738	8.0	3202	800	0.6	250.8	62.7
101	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
101	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
101	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
101	3:30 PM	0.25	12.3	4943	1236	13.7	5533	1383	1.5	590.2	147.5
101	3:45 PM	0.25	13.3	5341	1335	14.8	5961	1490	1.5	619.7	154.9
101	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
101	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
101	4:30 PM	0.25	19.3	7761	1940	21.2	8528	2132	1.9	767.2	191.8
101	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
101	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
101	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
101	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
101	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
101	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
101	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
101	6:30 PM	0.21	73.6	29641	6106	76.7	30896	6365	3.1	1254.2	258.4
101	6:42 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
102	7:37 AM	0.13	51.9	20921	2703	51.9	20921	2703	0.0	0.0	0.0
102	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
102	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
102	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
102	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
102	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
102	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
102	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
102	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
102	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
102	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
102	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
102	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
102	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
102	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
102	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
102	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
102	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
102	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
102	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
102	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
102	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
102	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
102	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
102	1:30 PM	0.25	2.8	1121	280	3.3	1313	328	0.5	191.8	48.0

102	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
102	2:00 PM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
102	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
102	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
102	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
102	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
102	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
102	3:30 PM	0.25	12.3	4943	1236	13.7	5533	1383	1.5	590.2	147.5
102	3:45 PM	0.25	13.3	5341	1335	14.8	5961	1490	1.5	619.7	154.9
102	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
102	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
102	4:30 PM	0.25	19.3	7761	1940	21.2	8528	2132	1.9	767.2	191.8
102	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
102	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
102	5:15 PM	0.25	32.3	13013	3253	35.1	14120	3530	2.7	1106.5	276.6
102	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
102	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
102	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
102	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
102	6:30 PM	0.22	73.6	29641	6558	76.7	30896	6836	3.1	1254.2	277.5
102	6:43 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
103	7:35 AM	0.15	51.9	20921	3196	51.9	20921	3196	0.0	0.0	0.0
103	7:45 AM	0.25	43.6	17557	4389	43.6	17557	4389	0.0	0.0	0.0
103	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
103	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
103	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
103	8:45 AM	0.25	17.0	6861	1715	17.0	6861	1715	0.0	0.0	0.0
103	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
103	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
103	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
103	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
103	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
103	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
103	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
103	10:45 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
103	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
103	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
103	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
103	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
103	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
103	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
103	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
103	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
103	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
103	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
103	1:30 PM	0.25	2.8	1121	280	3.3	1313	328	0.5	191.8	48.0
103	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
103	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
103	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
103	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
103	2:45 PM	0.25	9.2	3689	922	9.7	3925	981	0.6	236.1	59.0
103	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
103	3:15 PM	0.25	11.1	4485	1121	12.4	4987	1247	1.2	501.6	125.4
103	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
103	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
103	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
103	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
103	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
103	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
103	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
103	5:15 PM	0.25	32.3	13013	3253	35.1	14120	3530	2.7	1106.5	276.6
103	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
103	5:45 PM	0.25	39.9	16052	4013	43.3	17454	4363	3.5	1401.6	350.4
103	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
103	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
103	6:30 PM	0.24	73.6	29641	7011	76.7	30896	7308	3.1	1254.2	296.7
103	6:44 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
104	7:34 AM	0.18	51.9	20921	3685	51.9	20921	3685	0.0	0.0	0.0
104	7:45 AM	0.25	43.6	17557	4389	43.6	17557	4389	0.0	0.0	0.0
104	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
104	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
104	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
104	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
104	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
104	9:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
104	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
104	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
104	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
104	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
104	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
104	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
104	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
104	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
104	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
104	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
104	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
104	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
104	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
104	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
104	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
104	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
104	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
104	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
104	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
104	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
104	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
104	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
104	3:00 PM	0.25	9.4	3792	948	10.1	4057	1014	0.7	265.6	66.4
104	3:15 PM	0.25	11.1	4485	1121	12.4	4987	1247	1.2	501.6	125.4
104	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
104	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
104	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
104	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
104	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
104	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
104	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
104	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
104	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
104	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
104	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
104	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
104	6:30 PM	0.25	73.6	29641	7410	76.7	30896	7724	3.1	1254.2	313.5
104	6:45 PM	0.00	84.2	33906	61	84.3	33965	61	0.1	59.0	0.1
104	6:45 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
105	7:33 AM	0.20	51.9	20921	4170	51.9	20921	4170	0.0	0.0	0.0
105	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
105	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
105	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
105	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
105	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
105	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
105	9:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
105	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
105	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
105	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
105	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
105	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
105	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
105	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
105	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0

105	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
105	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
105	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
105	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
105	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
105	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
105	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
105	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
105	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
105	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
105	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
105	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
105	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
105	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
105	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
105	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
105	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
105	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
105	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
105	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
105	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
105	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
105	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
105	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
105	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
105	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
105	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
105	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
105	6:30 PM	0.25	73.6	29641	7410	76.7	30896	7724	3.1	1254.2	313.5
105	6:45 PM	0.02	84.2	33906	580	84.3	33965	581	0.1	59.0	1.0
105	6:46 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
106	7:31 AM	0.22	52.4	21098	4690	52.4	21098	4690	0.0	0.0	0.0
106	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
106	8:00 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
106	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
106	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
106	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
106	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
106	9:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
106	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
106	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
106	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
106	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
106	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
106	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
106	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
106	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
106	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
106	11:45 AM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
106	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
106	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
106	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
106	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
106	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
106	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
106	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
106	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
106	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
106	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
106	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
106	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
106	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
106	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
106	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
106	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
106	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
106	4:15 PM	0.25	17.3	6964	1741	19.3	7761	1940	2.0	796.7	199.2

106	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
106	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
106	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
106	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
106	5:30 PM	0.25	35.6	14326	3582	38.9	15654	3913	3.3	1327.9	332.0
106	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
106	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
106	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
106	6:30 PM	0.25	73.6	29641	7410	76.7	30896	7724	3.1	1254.2	313.5
106	6:45 PM	0.03	86.9	34983	1134	87.0	35027	1135	0.1	44.3	1.4
106	6:46 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
107	7:30 AM	0.25	52.4	21098	5171	52.4	21098	5171	0.0	0.0	0.0
107	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
107	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
107	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
107	8:30 AM	0.25	16.5	6639	1660	16.5	6639	1660	0.0	0.0	0.0
107	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
107	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
107	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
107	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
107	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
107	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
107	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
107	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
107	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
107	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
107	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
107	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
107	11:45 AM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
107	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
107	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
107	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
107	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
107	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
107	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
107	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
107	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
107	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
107	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
107	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
107	2:45 PM	0.25	8.7	3497	874	9.6	3851	963	0.9	354.1	88.5
107	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
107	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
107	3:30 PM	0.25	11.5	4618	1155	12.4	5002	1250	0.9	383.6	95.9
107	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
107	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
107	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
107	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
107	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
107	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
107	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
107	5:30 PM	0.25	35.6	14326	3582	38.9	15654	3913	3.3	1327.9	332.0
107	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
107	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
107	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
107	6:30 PM	0.25	72.6	29258	7314	75.8	30512	7628	3.1	1254.2	313.6
107	6:45 PM	0.05	86.9	34983	1669	87.0	35027	1671	0.1	44.3	2.1
107	6:47 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
108	7:28 AM	0.02	52.4	21098	372	52.4	21098	372	0.0	0.0	0.0
108	7:30 AM	0.25	52.4	21098	5275	52.4	21098	5275	0.0	0.0	0.0
108	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
108	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
108	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0

108	8:30 AM	0.25	16.5	6639	1660	16.5	6639	1660	0.0	0.0	0.0
108	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
108	9:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
108	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
108	9:30 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
108	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
108	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
108	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
108	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
108	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
108	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
108	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
108	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
108	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
108	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
108	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
108	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
108	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
108	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
108	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
108	1:30 PM	0.25	3.0	1225	306	3.4	1387	347	0.4	162.3	40.6
108	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
108	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
108	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
108	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
108	2:45 PM	0.25	8.7	3497	874	9.6	3851	963	0.9	354.1	88.5
108	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
108	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
108	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
108	3:45 PM	0.25	13.6	5459	1365	15.1	6064	1516	1.5	604.9	151.2
108	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
108	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
108	4:30 PM	0.25	20.0	8056	2014	22.1	8911	2228	2.1	855.7	213.9
108	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
108	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
108	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
108	5:30 PM	0.25	35.6	14326	3582	38.9	15654	3913	3.3	1327.9	332.0
108	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
108	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
108	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
108	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
108	6:45 PM	0.06	86.9	34983	2205	87.0	35027	2208	0.1	44.3	2.8
108	6:48 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
109	7:27 AM	0.04	52.4	21098	844	52.4	21098	844	0.0	0.0	0.0
109	7:30 AM	0.25	52.4	21098	5275	52.4	21098	5275	0.0	0.0	0.0
109	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
109	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
109	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
109	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
109	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
109	9:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
109	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
109	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
109	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
109	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
109	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
109	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
109	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
109	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
109	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
109	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
109	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
109	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
109	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
109	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
109	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
109	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0

109	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
109	1:30 PM	0.25	3.0	1225	306	3.4	1387	347	0.4	162.3	40.6
109	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
109	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
109	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
109	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
109	2:45 PM	0.25	8.7	3497	874	9.6	3851	963	0.9	354.1	88.5
109	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
109	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
109	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
109	3:45 PM	0.25	13.6	5459	1365	15.1	6064	1516	1.5	604.9	151.2
109	4:00 PM	0.25	14.9	6005	1501	16.3	6580	1645	1.4	575.4	143.9
109	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
109	4:30 PM	0.25	20.0	8056	2014	22.1	8911	2228	2.1	855.7	213.9
109	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
109	5:00 PM	0.25	26.7	10770	2693	29.0	11670	2918	2.2	900.0	225.0
109	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
109	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
109	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
109	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
109	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
109	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
109	6:45 PM	0.08	86.9	34983	2742	87.0	35027	2745	0.1	44.3	3.5
109	6:49 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
110	7:26 AM	0.06	51.3	20656	1283	51.3	20656	1283	0.0	0.0	0.0
110	7:30 AM	0.25	52.4	21098	5275	52.4	21098	5275	0.0	0.0	0.0
110	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
110	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
110	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
110	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
110	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
110	9:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
110	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
110	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
110	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
110	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
110	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
110	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
110	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
110	11:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
110	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
110	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
110	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
110	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
110	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
110	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
110	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
110	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
110	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
110	1:30 PM	0.25	3.0	1225	306	3.4	1387	347	0.4	162.3	40.6
110	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
110	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
110	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
110	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
110	2:45 PM	0.25	8.7	3497	874	9.6	3851	963	0.9	354.1	88.5
110	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
110	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
110	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
110	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
110	4:00 PM	0.25	14.9	6005	1501	16.3	6580	1645	1.4	575.4	143.9
110	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
110	4:30 PM	0.25	20.0	8056	2014	22.1	8911	2228	2.1	855.7	213.9
110	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
110	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
110	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
110	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
110	5:45 PM	0.25	38.6	15565	3891	42.2	16997	4249	3.6	1431.2	357.8

110	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
110	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
110	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
110	6:45 PM	0.09	86.9	34983	3278	87.0	35027	3283	0.1	44.3	4.2
110	6:50 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
111	7:24 AM	0.08	51.3	20656	1735	51.3	20656	1735	0.0	0.0	0.0
111	7:30 AM	0.25	52.4	21098	5275	52.4	21098	5275	0.0	0.0	0.0
111	7:45 AM	0.25	35.2	14193	3548	35.2	14193	3548	0.0	0.0	0.0
111	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
111	8:15 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
111	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
111	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
111	9:00 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
111	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
111	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
111	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
111	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
111	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
111	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
111	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
111	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
111	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
111	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
111	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
111	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
111	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
111	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
111	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
111	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
111	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
111	1:30 PM	0.25	3.0	1225	306	3.4	1387	347	0.4	162.3	40.6
111	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
111	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
111	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
111	2:30 PM	0.25	7.3	2951	738	7.8	3143	786	0.5	191.8	47.9
111	2:45 PM	0.25	8.7	3497	874	9.6	3851	963	0.9	354.1	88.5
111	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
111	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
111	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
111	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
111	4:00 PM	0.25	14.9	6005	1501	16.3	6580	1645	1.4	575.4	143.9
111	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
111	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
111	4:45 PM	0.25	22.9	9221	2305	25.1	10092	2523	2.2	870.5	217.6
111	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
111	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
111	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
111	5:45 PM	0.25	38.6	15565	3891	42.2	16997	4249	3.6	1431.2	357.8
111	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
111	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
111	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
111	6:45 PM	0.11	86.9	34983	3815	87.0	35027	3820	0.1	44.3	4.8
111	6:51 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
112	7:23 AM	0.11	51.3	20656	2182	51.3	20656	2182	0.0	0.0	0.0
112	7:30 AM	0.25	51.3	20656	5164	51.3	20656	5164	0.0	0.0	0.0
112	7:45 AM	0.25	35.2	14193	3548	35.2	14193	3548	0.0	0.0	0.0
112	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
112	8:15 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
112	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
112	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
112	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
112	9:15 AM	0.25	7.8	3157	789	7.8	3157	789	0.0	0.0	0.0
112	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0

112	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
112	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
112	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
112	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
112	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
112	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
112	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
112	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
112	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
112	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
112	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
112	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
112	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
112	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
112	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
112	1:30 PM	0.25	3.6	1461	365	3.9	1564	391	0.3	103.3	25.8
112	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
112	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
112	2:15 PM	0.25	6.2	2508	627	6.8	2730	682	0.6	221.3	55.3
112	2:30 PM	0.25	7.3	2951	738	7.8	3143	786	0.5	191.8	47.9
112	2:45 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
112	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
112	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
112	3:30 PM	0.25	12.0	4839	1210	13.3	5341	1335	1.3	501.6	125.4
112	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
112	4:00 PM	0.25	14.9	6005	1501	16.3	6580	1645	1.4	575.4	143.9
112	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
112	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
112	4:45 PM	0.25	22.9	9221	2305	25.1	10092	2523	2.2	870.5	217.6
112	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
112	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
112	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
112	5:45 PM	0.25	38.6	15565	3891	42.2	16997	4249	3.6	1431.2	357.8
112	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
112	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
112	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
112	6:45 PM	0.12	86.9	34983	4352	87.0	35027	4358	0.1	44.3	5.5
112	6:52 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
113	7:22 AM	0.13	51.3	20656	2624	51.3	20656	2624	0.0	0.0	0.0
113	7:30 AM	0.25	51.3	20656	5164	51.3	20656	5164	0.0	0.0	0.0
113	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
113	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
113	8:15 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
113	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
113	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
113	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
113	9:15 AM	0.25	7.8	3157	789	7.8	3157	789	0.0	0.0	0.0
113	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
113	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
113	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
113	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
113	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
113	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
113	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
113	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
113	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
113	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
113	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
113	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
113	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
113	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
113	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
113	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
113	1:30 PM	0.25	3.6	1461	365	3.9	1564	391	0.3	103.3	25.8
113	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
113	2:00 PM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
113	2:15 PM	0.25	6.2	2508	627	6.8	2730	682	0.6	221.3	55.3

113	2:30 PM	0.25	7.3	2951	738	7.8	3143	786	0.5	191.8	47.9
113	2:45 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
113	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
113	3:15 PM	0.25	10.6	4279	1070	11.6	4677	1169	1.0	398.4	99.6
113	3:30 PM	0.25	12.0	4839	1210	13.3	5341	1335	1.3	501.6	125.4
113	3:45 PM	0.25	13.0	5223	1306	14.0	5636	1409	1.0	413.1	103.3
113	4:00 PM	0.25	14.9	6005	1501	16.3	6580	1645	1.4	575.4	143.9
113	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
113	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
113	4:45 PM	0.25	22.9	9221	2305	25.1	10092	2523	2.2	870.5	217.6
113	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
113	5:15 PM	0.25	30.6	12320	3080	32.8	13220	3305	2.2	900.0	225.0
113	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
113	5:45 PM	0.25	38.6	15565	3891	42.2	16997	4249	3.6	1431.2	357.8
113	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
113	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
113	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
113	6:45 PM	0.14	85.5	34422	4811	85.5	34437	4813	0.0	14.8	2.1
113	6:53 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
114	7:21 AM	0.15	51.3	20656	3060	51.3	20656	3060	0.0	0.0	0.0
114	7:30 AM	0.25	51.3	20656	5164	51.3	20656	5164	0.0	0.0	0.0
114	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
114	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
114	8:15 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
114	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
114	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
114	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
114	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
114	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
114	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
114	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
114	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
114	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
114	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
114	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
114	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
114	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
114	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
114	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
114	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
114	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
114	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
114	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
114	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
114	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
114	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
114	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
114	2:15 PM	0.25	6.2	2508	627	6.8	2730	682	0.6	221.3	55.3
114	2:30 PM	0.25	7.3	2951	738	7.8	3143	786	0.5	191.8	47.9
114	2:45 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
114	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
114	3:15 PM	0.25	9.9	3969	992	11.1	4456	1114	1.2	486.9	121.7
114	3:30 PM	0.25	12.0	4839	1210	13.3	5341	1335	1.3	501.6	125.4
114	3:45 PM	0.25	13.0	5223	1306	14.0	5636	1409	1.0	413.1	103.3
114	4:00 PM	0.25	14.2	5710	1427	15.5	6226	1557	1.3	516.4	129.1
114	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
114	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
114	4:45 PM	0.25	22.9	9221	2305	25.1	10092	2523	2.2	870.5	217.6
114	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
114	5:15 PM	0.25	30.6	12320	3080	32.8	13220	3305	2.2	900.0	225.0
114	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
114	5:45 PM	0.25	38.6	15565	3891	42.2	16997	4249	3.6	1431.2	357.8
114	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
114	6:15 PM	0.25	54.8	22057	5514	59.5	23961	5990	4.7	1903.4	475.8
114	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
114	6:45 PM	0.16	71.8	28904	4484	73.9	29774	4619	2.2	870.5	135.1
114	6:54 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
115	7:19 AM	0.17	50.4	20287	3428	50.4	20287	3428	0.0	0.0	0.0
115	7:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
115	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
115	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
115	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
115	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
115	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
115	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
115	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
115	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
115	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
115	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
115	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
115	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
115	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
115	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
115	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
115	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
115	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
115	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
115	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
115	12:30 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
115	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
115	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
115	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
115	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
115	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
115	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
115	2:15 PM	0.25	6.2	2508	627	6.8	2730	682	0.6	221.3	55.3
115	2:30 PM	0.25	7.3	2951	738	7.8	3143	786	0.5	191.8	47.9
115	2:45 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
115	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
115	3:15 PM	0.25	9.9	3969	992	11.1	4456	1114	1.2	486.9	121.7
115	3:30 PM	0.25	12.0	4839	1210	13.3	5341	1335	1.3	501.6	125.4
115	3:45 PM	0.25	13.0	5223	1306	14.0	5636	1409	1.0	413.1	103.3
115	4:00 PM	0.25	14.2	5710	1427	15.5	6226	1557	1.3	516.4	129.1
115	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
115	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
115	4:45 PM	0.25	22.9	9221	2305	25.1	10092	2523	2.2	870.5	217.6
115	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
115	5:15 PM	0.25	30.6	12320	3080	32.8	13220	3305	2.2	900.0	225.0
115	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
115	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
115	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
115	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
115	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
115	6:45 PM	0.17	71.8	28904	4928	73.9	29774	5076	2.2	870.5	148.4
115	6:55 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
116	7:18 AM	0.19	50.4	20287	3846	50.4	20287	3846	0.0	0.0	0.0
116	7:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
116	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
116	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
116	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
116	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
116	8:45 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
116	9:00 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
116	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
116	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
116	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
116	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
116	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
116	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
116	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0

116	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
116	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
116	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
116	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
116	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
116	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
116	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
116	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
116	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
116	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
116	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
116	1:45 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
116	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
116	2:15 PM	0.25	6.2	2508	627	6.8	2730	682	0.6	221.3	55.3
116	2:30 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
116	2:45 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
116	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
116	3:15 PM	0.25	9.9	3969	992	11.1	4456	1114	1.2	486.9	121.7
116	3:30 PM	0.25	12.0	4839	1210	13.3	5341	1335	1.3	501.6	125.4
116	3:45 PM	0.25	13.0	5223	1306	14.0	5636	1409	1.0	413.1	103.3
116	4:00 PM	0.25	14.2	5710	1427	15.5	6226	1557	1.3	516.4	129.1
116	4:15 PM	0.25	16.7	6713	1678	18.2	7318	1830	1.5	604.9	151.2
116	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
116	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
116	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
116	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
116	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
116	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
116	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
116	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
116	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
116	6:45 PM	0.19	71.8	28904	5372	73.9	29774	5533	2.2	870.5	161.8
116	6:56 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
117	7:17 AM	0.21	50.4	20287	4257	50.4	20287	4257	0.0	0.0	0.0
117	7:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
117	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
117	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
117	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
117	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
117	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
117	9:00 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
117	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
117	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
117	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
117	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
117	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
117	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
117	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
117	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
117	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
117	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
117	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
117	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
117	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
117	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
117	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
117	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
117	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
117	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
117	1:45 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
117	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
117	2:15 PM	0.25	6.5	2611	653	7.0	2833	708	0.6	221.3	55.3
117	2:30 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
117	2:45 PM	0.25	8.3	3334	834	8.8	3526	882	0.5	191.8	47.9
117	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
117	3:15 PM	0.25	10.0	4028	1007	11.3	4530	1132	1.3	501.7	125.4
117	3:30 PM	0.25	11.2	4500	1125	12.4	4987	1247	1.2	486.9	121.7

117	3:45 PM	0.25	13.0	5223	1306	14.0	5636	1409	1.0	413.1	103.3
117	4:00 PM	0.25	14.2	5710	1427	15.5	6226	1557	1.3	516.4	129.1
117	4:15 PM	0.25	16.7	6713	1678	18.2	7318	1830	1.5	604.9	151.2
117	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
117	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
117	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
117	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
117	5:30 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
117	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
117	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
117	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
117	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
117	6:45 PM	0.20	71.8	28904	5815	73.9	29774	5990	2.2	870.5	175.2
117	6:57 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
118	7:16 AM	0.23	50.4	20287	4663	50.4	20287	4663	0.0	0.0	0.0
118	7:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
118	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
118	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
118	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
118	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
118	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
118	9:00 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
118	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
118	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
118	9:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
118	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
118	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
118	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
118	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
118	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
118	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
118	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
118	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
118	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
118	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
118	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
118	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
118	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
118	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
118	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
118	1:45 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
118	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
118	2:15 PM	0.25	6.5	2611	653	7.0	2833	708	0.6	221.3	55.3
118	2:30 PM	0.25	7.6	3054	764	8.1	3246	811	0.5	191.8	48.0
118	2:45 PM	0.25	8.3	3334	834	8.8	3526	882	0.5	191.8	47.9
118	3:00 PM	0.25	9.5	3836	959	10.2	4116	1029	0.7	280.3	70.1
118	3:15 PM	0.25	10.0	4028	1007	11.3	4530	1132	1.3	501.7	125.4
118	3:30 PM	0.25	11.2	4500	1125	12.4	4987	1247	1.2	486.9	121.7
118	3:45 PM	0.25	13.2	5297	1324	14.0	5636	1409	0.8	339.4	84.8
118	4:00 PM	0.25	14.2	5710	1427	15.5	6226	1557	1.3	516.4	129.1
118	4:15 PM	0.25	15.9	6403	1601	17.2	6920	1730	1.3	516.4	129.1
118	4:30 PM	0.25	18.5	7466	1866	20.4	8203	2051	1.8	737.7	184.4
118	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
118	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
118	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
118	5:30 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
118	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
118	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
118	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
118	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
118	6:45 PM	0.22	71.8	28904	6259	73.9	29774	6447	2.2	870.5	188.5
118	6:57 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
119	7:15 AM	0.25	49.2	19815	4944	49.2	19815	4944	0.0	0.0	0.0

119	7:30 AM	0.25	43.1	17365	4341	43.1	17365	4341	0.0	0.0	0.0
119	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
119	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
119	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
119	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
119	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
119	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
119	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
119	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
119	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
119	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
119	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
119	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
119	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
119	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
119	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
119	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
119	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
119	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
119	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
119	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
119	12:45 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
119	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
119	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
119	1:30 PM	0.25	3.4	1372	343	3.7	1475	369	0.3	103.3	25.8
119	1:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
119	2:00 PM	0.25	5.5	2213	553	5.5	2228	557	0.0	14.8	3.7
119	2:15 PM	0.25	6.5	2611	653	7.0	2833	708	0.6	221.3	55.3
119	2:30 PM	0.25	7.3	2936	734	7.8	3128	782	0.5	191.8	48.0
119	2:45 PM	0.25	8.3	3334	834	8.8	3526	882	0.5	191.8	47.9
119	3:00 PM	0.25	9.6	3866	966	10.3	4146	1036	0.7	280.3	70.1
119	3:15 PM	0.25	10.0	4028	1007	11.3	4530	1132	1.3	501.7	125.4
119	3:30 PM	0.25	11.2	4500	1125	12.4	4987	1247	1.2	486.9	121.7
119	3:45 PM	0.25	13.2	5297	1324	14.0	5636	1409	0.8	339.4	84.8
119	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
119	4:15 PM	0.25	15.9	6403	1601	17.2	6920	1730	1.3	516.4	129.1
119	4:30 PM	0.25	19.2	7716	1929	21.1	8484	2121	1.9	767.2	191.8
119	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
119	5:00 PM	0.25	25.3	10180	2545	27.6	11125	2781	2.4	944.2	236.1
119	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
119	5:30 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
119	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
119	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
119	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
119	6:30 PM	0.25	63.4	25554	6389	67.8	27310	6828	4.4	1755.9	439.0
119	6:45 PM	0.23	71.2	28682	6650	73.4	29568	6856	2.2	885.3	205.3
119	6:58 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
120	7:13 AM	0.02	49.2	19815	375	49.2	19815	375	0.0	0.0	0.0
120	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
120	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
120	7:45 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0
120	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
120	8:15 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
120	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
120	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
120	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
120	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
120	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
120	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
120	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
120	10:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
120	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
120	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
120	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
120	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
120	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
120	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0

120	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
120	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
120	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
120	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
120	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
120	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
120	1:30 PM	0.25	3.0	1195	299	3.4	1387	347	0.5	191.8	48.0
120	1:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
120	2:00 PM	0.25	5.6	2272	568	5.9	2361	590	0.2	88.5	22.1
120	2:15 PM	0.25	6.1	2464	616	6.6	2641	660	0.4	177.1	44.3
120	2:30 PM	0.25	7.3	2936	734	7.8	3128	782	0.5	191.8	48.0
120	2:45 PM	0.25	7.7	3084	771	8.0	3202	800	0.3	118.0	29.5
120	3:00 PM	0.25	9.6	3866	966	10.3	4146	1036	0.7	280.3	70.1
120	3:15 PM	0.25	10.0	4028	1007	11.3	4530	1132	1.3	501.7	125.4
120	3:30 PM	0.25	11.2	4500	1125	12.4	4987	1247	1.2	486.9	121.7
120	3:45 PM	0.25	12.4	4987	1247	13.2	5297	1324	0.8	309.8	77.5
120	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
120	4:15 PM	0.25	15.9	6403	1601	17.2	6920	1730	1.3	516.4	129.1
120	4:30 PM	0.25	19.2	7716	1929	21.1	8484	2121	1.9	767.2	191.8
120	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
120	5:00 PM	0.25	25.3	10180	2545	27.7	11139	2785	2.4	959.0	239.8
120	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
120	5:30 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
120	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
120	6:00 PM	0.25	42.7	17203	4301	46.1	18575	4644	3.4	1372.1	343.0
120	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
120	6:30 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
120	6:45 PM	0.25	71.2	28682	7089	73.4	29568	7308	2.2	885.3	218.8
120	6:59 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
121	7:12 AM	0.04	49.2	19815	752	49.2	19815	752	0.0	0.0	0.0
121	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
121	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
121	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
121	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
121	8:15 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
121	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
121	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
121	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
121	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
121	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
121	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
121	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
121	10:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
121	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
121	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
121	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
121	11:15 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
121	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
121	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
121	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
121	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
121	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
121	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
121	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
121	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
121	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
121	1:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
121	2:00 PM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
121	2:15 PM	0.25	6.1	2464	616	6.6	2641	660	0.4	177.1	44.3
121	2:30 PM	0.25	7.7	3084	771	8.1	3246	811	0.4	162.3	40.6
121	2:45 PM	0.25	7.7	3084	771	8.0	3202	800	0.3	118.0	29.5
121	3:00 PM	0.25	9.6	3866	966	10.3	4146	1036	0.7	280.3	70.1
121	3:15 PM	0.25	10.0	4028	1007	11.3	4530	1132	1.3	501.7	125.4
121	3:30 PM	0.25	11.2	4500	1125	12.4	4987	1247	1.2	486.9	121.7
121	3:45 PM	0.25	12.4	4987	1247	13.2	5297	1324	0.8	309.8	77.5
121	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
121	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2

121	4:30 PM	0.25	19.2	7716	1929	21.1	8484	2121	1.9	767.2	191.8
121	4:45 PM	0.25	21.5	8646	2161	23.3	9384	2346	1.8	737.7	184.4
121	5:00 PM	0.25	25.3	10180	2545	27.7	11139	2785	2.4	959.0	239.8
121	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
121	5:30 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
121	5:45 PM	0.25	34.9	14046	3511	37.6	15152	3788	2.8	1106.5	276.6
121	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
121	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
121	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
121	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
121	7:00 PM	0.01	87.2	35130	438	87.3	35145	438	0.0	14.7	0.2
121	7:00 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
122	7:11 AM	0.06	49.2	19815	1123	49.2	19815	1123	0.0	0.0	0.0
122	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
122	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
122	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
122	8:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
122	8:15 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
122	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
122	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
122	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
122	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
122	9:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
122	9:45 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
122	10:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
122	10:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
122	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
122	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
122	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
122	11:15 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
122	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
122	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
122	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
122	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
122	12:30 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
122	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
122	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
122	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
122	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
122	1:45 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
122	2:00 PM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
122	2:15 PM	0.25	6.5	2611	653	7.0	2803	701	0.5	191.8	48.0
122	2:30 PM	0.25	7.7	3084	771	8.1	3246	811	0.4	162.3	40.6
122	2:45 PM	0.25	7.8	3157	789	8.2	3290	823	0.3	132.8	33.2
122	3:00 PM	0.25	9.3	3748	937	10.0	4013	1003	0.7	265.6	66.4
122	3:15 PM	0.25	10.3	4131	1033	11.3	4559	1140	1.1	427.9	107.0
122	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2
122	3:45 PM	0.25	12.4	4987	1247	13.2	5297	1324	0.8	309.8	77.5
122	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
122	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2
122	4:30 PM	0.25	19.2	7716	1929	21.1	8484	2121	1.9	767.2	191.8
122	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
122	5:00 PM	0.25	23.0	9280	2320	25.4	10210	2552	2.3	929.5	232.4
122	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
122	5:30 PM	0.25	28.9	11656	2914	31.5	12674	3168	2.5	1018.0	254.5
122	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
122	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
122	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
122	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
122	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
122	7:00 PM	0.03	87.2	35130	974	87.3	35145	974	0.0	14.7	0.4
122	7:01 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
123	7:10 AM	0.08	49.2	19815	1488	49.2	19815	1488	0.0	0.0	0.0

123	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
123	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
123	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
123	8:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
123	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
123	8:30 AM	0.25	13.2	5311	1328	13.2	5311	1328	0.0	0.0	0.0
123	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
123	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
123	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
123	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
123	9:45 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
123	10:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
123	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
123	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
123	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
123	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
123	11:15 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
123	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
123	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
123	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
123	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
123	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
123	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
123	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
123	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
123	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
123	1:45 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
123	2:00 PM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
123	2:15 PM	0.25	6.5	2611	653	7.0	2803	701	0.5	191.8	48.0
123	2:30 PM	0.25	7.7	3084	771	8.1	3246	811	0.4	162.3	40.6
123	2:45 PM	0.25	7.8	3157	789	8.2	3290	823	0.3	132.8	33.2
123	3:00 PM	0.25	9.3	3748	937	10.0	4013	1003	0.7	265.6	66.4
123	3:15 PM	0.25	10.3	4131	1033	11.3	4559	1140	1.1	427.9	107.0
123	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2
123	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
123	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
123	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2
123	4:30 PM	0.25	17.8	7156	1789	19.1	7687	1922	1.3	531.2	132.8
123	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
123	5:00 PM	0.25	23.0	9280	2320	25.4	10210	2552	2.3	929.5	232.4
123	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
123	5:30 PM	0.25	28.9	11656	2914	31.5	12674	3168	2.5	1018.0	254.5
123	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
123	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
123	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
123	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
123	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
123	7:00 PM	0.04	87.2	35130	1509	87.3	35145	1510	0.0	14.7	0.6
123	7:02 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
124	7:09 AM	0.09	49.1	19756	1840	49.1	19756	1840	0.0	0.0	0.0
124	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
124	7:30 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
124	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
124	8:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
124	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
124	8:30 AM	0.25	13.7	5518	1380	13.7	5518	1380	0.0	0.0	0.0
124	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
124	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
124	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
124	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
124	9:45 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
124	10:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
124	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
124	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
124	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
124	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
124	11:15 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0

124	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
124	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
124	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
124	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
124	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
124	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
124	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
124	1:15 PM	0.25	2.2	870	218	2.2	885	221	0.0	14.8	3.7
124	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
124	1:45 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
124	2:00 PM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
124	2:15 PM	0.25	6.5	2611	653	7.0	2803	701	0.5	191.8	48.0
124	2:30 PM	0.25	7.7	3084	771	8.1	3246	811	0.4	162.3	40.6
124	2:45 PM	0.25	7.8	3157	789	8.2	3290	823	0.3	132.8	33.2
124	3:00 PM	0.25	9.5	3807	952	10.1	4057	1014	0.6	250.8	62.7
124	3:15 PM	0.25	9.4	3777	944	10.6	4264	1066	1.2	486.9	121.7
124	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2
124	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
124	4:00 PM	0.25	14.5	5828	1457	15.7	6330	1582	1.2	501.6	125.4
124	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2
124	4:30 PM	0.25	17.8	7156	1789	19.1	7687	1922	1.3	531.2	132.8
124	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
124	5:00 PM	0.25	23.0	9280	2320	25.4	10210	2552	2.3	929.5	232.4
124	5:15 PM	0.25	27.1	10903	2726	29.3	11803	2951	2.2	900.0	225.0
124	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
124	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
124	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
124	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
124	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
124	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
124	7:00 PM	0.06	87.2	35130	2043	87.3	35145	2044	0.0	14.7	0.9
124	7:03 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
125	7:08 AM	0.11	49.1	19756	2190	49.1	19756	2190	0.0	0.0	0.0
125	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
125	7:30 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
125	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
125	8:00 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
125	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
125	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
125	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
125	9:00 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
125	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
125	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
125	9:45 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
125	10:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
125	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
125	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
125	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
125	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
125	11:15 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
125	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
125	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
125	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
125	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
125	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
125	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
125	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
125	1:15 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
125	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
125	1:45 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
125	2:00 PM	0.25	5.7	2302	575	5.8	2331	583	0.1	29.5	7.4
125	2:15 PM	0.25	6.5	2611	653	7.0	2803	701	0.5	191.8	48.0
125	2:30 PM	0.25	7.7	3084	771	8.1	3246	811	0.4	162.3	40.6
125	2:45 PM	0.25	7.8	3157	789	8.2	3290	823	0.3	132.8	33.2
125	3:00 PM	0.25	9.5	3807	952	10.1	4057	1014	0.6	250.8	62.7
125	3:15 PM	0.25	9.4	3777	944	10.6	4264	1066	1.2	486.9	121.7
125	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2

125	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
125	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
125	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2
125	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
125	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
125	5:00 PM	0.25	23.0	9280	2320	25.4	10210	2552	2.3	929.5	232.4
125	5:15 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
125	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
125	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
125	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
125	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
125	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
125	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
125	7:00 PM	0.07	87.2	35130	2575	87.3	35145	2576	0.0	14.7	1.1
125	7:04 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
126	7:07 AM	0.13	49.1	19756	2532	49.1	19756	2532	0.0	0.0	0.0
126	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
126	7:30 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
126	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
126	8:00 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
126	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
126	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
126	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
126	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
126	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
126	9:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
126	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
126	10:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
126	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
126	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
126	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
126	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
126	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
126	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
126	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
126	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
126	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
126	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
126	12:45 PM	0.25	2.5	1003	251	2.5	1003	251	0.0	0.0	0.0
126	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
126	1:15 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
126	1:30 PM	0.25	3.6	1446	361	3.9	1579	395	0.3	132.8	33.2
126	1:45 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
126	2:00 PM	0.25	5.7	2302	575	5.8	2331	583	0.1	29.5	7.4
126	2:15 PM	0.25	6.5	2611	653	7.0	2803	701	0.5	191.8	48.0
126	2:30 PM	0.25	7.6	3039	760	7.9	3187	797	0.4	147.6	36.9
126	2:45 PM	0.25	7.8	3157	789	8.2	3290	823	0.3	132.8	33.2
126	3:00 PM	0.25	9.5	3807	952	10.1	4057	1014	0.6	250.8	62.7
126	3:15 PM	0.25	9.4	3777	944	10.6	4264	1066	1.2	486.9	121.7
126	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2
126	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
126	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
126	4:15 PM	0.25	16.3	6551	1638	17.7	7111	1778	1.4	560.6	140.2
126	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
126	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
126	5:00 PM	0.25	23.0	9280	2320	25.4	10210	2552	2.3	929.5	232.4
126	5:15 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
126	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
126	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
126	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
126	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
126	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
126	6:45 PM	0.25	71.2	28682	7171	73.4	29568	7392	2.2	885.3	221.3
126	7:00 PM	0.09	88.8	35750	3161	88.9	35794	3165	0.1	44.3	3.9
126	7:05 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		

DAY	TIME	HOURS	EXISTING CONDITIONS SHADE	EXISTING CONDITIONS SQFT	EXISTING CONDITIONS SQFT-HR	PROPOSED CONDITIONS SHADE	PROPOSED CONDITIONS SQFT	PROPOSED CONDITIONS SQFT-HR	NET CHANGE SHADE	NET CHANGE SQFT	NET CHANGE SQFT-HR
127	7:06 AM	0.15	49.1	19756	2867	49.1	19756	2867	0.0	0.0	0.0
127	7:15 AM	0.25	49.2	19815	4954	49.2	19815	4954	0.0	0.0	0.0
127	7:30 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
127	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
127	8:00 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
127	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
127	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
127	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
127	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
127	9:15 AM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
127	9:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
127	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
127	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
127	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
127	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
127	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
127	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
127	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
127	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
127	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
127	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
127	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
127	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
127	12:45 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
127	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
127	1:15 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
127	1:30 PM	0.25	3.0	1210	302	3.4	1387	347	0.4	177.1	44.3
127	1:45 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
127	2:00 PM	0.25	5.7	2302	575	5.8	2331	583	0.1	29.5	7.4
127	2:15 PM	0.25	6.6	2671	668	7.2	2892	723	0.6	221.3	55.3
127	2:30 PM	0.25	7.6	3039	760	7.9	3187	797	0.4	147.6	36.9
127	2:45 PM	0.25	8.2	3290	823	8.5	3423	856	0.3	132.8	33.2
127	3:00 PM	0.25	9.5	3807	952	10.1	4057	1014	0.6	250.8	62.7
127	3:15 PM	0.25	9.4	3777	944	10.6	4264	1066	1.2	486.9	121.7
127	3:30 PM	0.25	11.3	4559	1140	12.2	4928	1232	0.9	368.9	92.2
127	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
127	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
127	4:15 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
127	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
127	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
127	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
127	5:15 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
127	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
127	5:45 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
127	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
127	6:15 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
127	6:30 PM	0.25	54.3	21866	5466	57.9	23326	5832	3.6	1460.8	365.2
127	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
127	7:00 PM	0.10	88.8	35750	3699	88.9	35794	3704	0.1	44.3	4.6
127	7:06 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

DAY	TIME	HOURS	EXISTING CONDITIONS SHADE	EXISTING CONDITIONS SQFT	EXISTING CONDITIONS SQFT-HR	PROPOSED CONDITIONS SHADE	PROPOSED CONDITIONS SQFT	PROPOSED CONDITIONS SQFT-HR	NET CHANGE SHADE	NET CHANGE SQFT	NET CHANGE SQFT-HR
128	7:05 AM	0.16	49.1	19756	3195	49.1	19756	3195	0.0	0.0	0.0
128	7:15 AM	0.25	49.1	19756	4939	49.1	19756	4939	0.0	0.0	0.0
128	7:30 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
128	7:45 AM	0.25	28.6	11523	2881	28.6	11523	2881	0.0	0.0	0.0
128	8:00 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
128	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
128	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
128	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
128	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
128	9:15 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
128	9:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
128	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
128	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
128	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
128	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0

128	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
128	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
128	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
128	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
128	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
128	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
128	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
128	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
128	12:45 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
128	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
128	1:15 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
128	1:30 PM	0.25	3.0	1210	302	3.4	1387	347	0.4	177.1	44.3
128	1:45 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
128	2:00 PM	0.25	5.7	2302	575	5.8	2331	583	0.1	29.5	7.4
128	2:15 PM	0.25	5.9	2390	598	6.3	2552	638	0.4	162.3	40.6
128	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
128	2:45 PM	0.25	8.2	3290	823	8.5	3423	856	0.3	132.8	33.2
128	3:00 PM	0.25	9.5	3807	952	10.1	4057	1014	0.6	250.8	62.7
128	3:15 PM	0.25	9.4	3792	948	10.7	4293	1073	1.3	501.7	125.4
128	3:30 PM	0.25	10.7	4293	1073	11.7	4707	1177	1.0	413.1	103.3
128	3:45 PM	0.25	12.8	5149	1287	13.5	5444	1361	0.7	295.1	73.8
128	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
128	4:15 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
128	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
128	4:45 PM	0.25	21.4	8631	2158	23.3	9369	2342	1.8	737.7	184.4
128	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
128	5:15 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
128	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
128	5:45 PM	0.25	32.0	12895	3224	34.5	13898	3475	2.5	1003.3	250.8
128	6:00 PM	0.25	37.9	15270	3818	41.4	16672	4168	3.5	1401.6	350.4
128	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
128	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
128	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
128	7:00 PM	0.12	88.8	35750	4236	88.9	35794	4241	0.1	44.3	5.3
128	7:07 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
129	7:04 AM	0.18	49.1	19756	3516	49.1	19756	3516	0.0	0.0	0.0
129	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
129	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
129	7:45 AM	0.25	28.2	11346	2836	28.2	11346	2836	0.0	0.0	0.0
129	8:00 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
129	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
129	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
129	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
129	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
129	9:15 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
129	9:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
129	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
129	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
129	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
129	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
129	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
129	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
129	11:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
129	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
129	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
129	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
129	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
129	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
129	12:45 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
129	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
129	1:15 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
129	1:30 PM	0.25	3.0	1210	302	3.4	1387	347	0.4	177.1	44.3
129	1:45 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
129	2:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
129	2:15 PM	0.25	5.9	2390	598	6.3	2552	638	0.4	162.3	40.6
129	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
129	2:45 PM	0.25	7.3	2951	738	7.5	3025	756	0.2	73.8	18.4

129	3:00 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
129	3:15 PM	0.25	9.4	3792	948	10.7	4293	1073	1.3	501.7	125.4
129	3:30 PM	0.25	10.7	4293	1073	11.7	4707	1177	1.0	413.1	103.3
129	3:45 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
129	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
129	4:15 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
129	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
129	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
129	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
129	5:15 PM	0.25	24.9	10033	2508	27.1	10918	2729	2.2	885.2	221.3
129	5:30 PM	0.25	28.9	11656	2914	31.4	12659	3165	2.5	1003.3	250.8
129	5:45 PM	0.25	32.0	12895	3224	34.5	13898	3475	2.5	1003.3	250.8
129	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
129	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
129	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
129	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
129	7:00 PM	0.13	88.8	35750	4770	88.9	35794	4775	0.1	44.3	5.9
129	7:08 PM	0.00	99.2	39955	0	99.2	39955	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
130	7:03 AM	0.19	59.3	23902	4632	59.3	23902	4632	0.0	0.0	0.0
130	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
130	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
130	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
130	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
130	8:15 AM	0.25	17.5	7038	1759	17.5	7038	1759	0.0	0.0	0.0
130	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
130	8:45 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
130	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
130	9:15 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
130	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
130	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
130	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
130	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
130	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
130	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
130	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
130	11:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
130	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
130	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
130	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
130	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
130	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
130	12:45 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
130	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
130	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
130	1:30 PM	0.25	3.5	1416	354	3.9	1549	387	0.3	132.8	33.2
130	1:45 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
130	2:00 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
130	2:15 PM	0.25	5.9	2390	598	6.3	2552	638	0.4	162.3	40.6
130	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
130	2:45 PM	0.25	7.3	2951	738	7.5	3025	756	0.2	73.8	18.4
130	3:00 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
130	3:15 PM	0.25	9.4	3792	948	10.7	4293	1073	1.3	501.7	125.4
130	3:30 PM	0.25	10.7	4293	1073	11.7	4707	1177	1.0	413.1	103.3
130	3:45 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
130	4:00 PM	0.25	14.0	5636	1409	15.1	6079	1520	1.1	442.6	110.7
130	4:15 PM	0.25	15.1	6079	1520	16.3	6551	1638	1.2	472.1	118.0
130	4:30 PM	0.25	17.5	7038	1759	18.9	7628	1907	1.5	590.2	147.5
130	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
130	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
130	5:15 PM	0.25	24.9	10033	2508	27.1	10918	2729	2.2	885.2	221.3
130	5:30 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
130	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
130	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
130	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
130	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
130	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
130	7:00 PM	0.15	88.8	35750	5301	88.9	35794	5307	0.1	44.3	6.6

130	7:08 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
131	7:02 AM	0.21	59.3	23902	5000	59.3	23902	5000	0.0	0.0	0.0
131	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
131	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
131	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
131	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
131	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
131	8:30 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
131	8:45 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
131	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
131	9:15 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
131	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
131	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
131	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
131	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
131	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
131	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
131	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
131	11:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
131	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
131	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
131	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
131	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
131	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
131	12:45 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
131	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
131	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
131	1:30 PM	0.25	3.5	1416	354	3.9	1549	387	0.3	132.8	33.2
131	1:45 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
131	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
131	2:15 PM	0.25	5.9	2390	598	6.3	2552	638	0.4	162.3	40.6
131	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
131	2:45 PM	0.25	7.3	2951	738	7.5	3025	756	0.2	73.8	18.4
131	3:00 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
131	3:15 PM	0.25	9.4	3792	948	10.7	4293	1073	1.3	501.7	125.4
131	3:30 PM	0.25	10.7	4293	1073	11.7	4707	1177	1.0	413.1	103.3
131	3:45 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
131	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
131	4:15 PM	0.25	15.1	6079	1520	16.3	6551	1638	1.2	472.1	118.0
131	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
131	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
131	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
131	5:15 PM	0.25	24.9	10033	2508	27.1	10918	2729	2.2	885.2	221.3
131	5:30 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
131	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
131	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
131	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
131	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
131	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
131	7:00 PM	0.16	88.8	35750	5829	88.9	35794	5837	0.1	44.3	7.2
131	7:09 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
132	7:01 AM	0.22	59.3	23902	5360	59.3	23902	5360	0.0	0.0	0.0
132	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
132	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
132	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
132	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
132	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
132	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
132	8:45 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
132	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
132	9:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
132	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
132	9:45 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0

132	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
132	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
132	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
132	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
132	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
132	11:15 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
132	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
132	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
132	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
132	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
132	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
132	12:45 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
132	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
132	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
132	1:30 PM	0.25	3.5	1416	354	3.9	1549	387	0.3	132.8	33.2
132	1:45 PM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
132	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
132	2:15 PM	0.25	5.9	2390	598	6.3	2552	638	0.4	162.3	40.6
132	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
132	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
132	3:00 PM	0.25	8.8	3526	882	9.6	3851	963	0.8	324.6	81.2
132	3:15 PM	0.25	9.4	3792	948	10.7	4293	1073	1.3	501.7	125.4
132	3:30 PM	0.25	10.7	4293	1073	11.7	4707	1177	1.0	413.1	103.3
132	3:45 PM	0.25	12.2	4928	1232	13.2	5297	1324	0.9	368.8	92.2
132	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
132	4:15 PM	0.25	15.1	6079	1520	16.3	6551	1638	1.2	472.1	118.0
132	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
132	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
132	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
132	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
132	5:30 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
132	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
132	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
132	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
132	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
132	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
132	7:00 PM	0.18	88.8	35750	6355	88.9	35794	6363	0.1	44.3	7.9
132	7:10 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
133	7:00 AM	0.24	59.3	23902	5709	59.3	23902	5709	0.0	0.0	0.0
133	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
133	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
133	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
133	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
133	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
133	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
133	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
133	9:00 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
133	9:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
133	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
133	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
133	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
133	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
133	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
133	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
133	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
133	11:15 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
133	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
133	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
133	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
133	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
133	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
133	12:45 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
133	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
133	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
133	1:30 PM	0.25	3.5	1416	354	3.9	1549	387	0.3	132.8	33.2
133	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
133	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4

133	2:15 PM	0.25	6.0	2405	601	6.6	2641	660	0.6	236.1	59.0
133	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
133	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
133	3:00 PM	0.25	8.8	3526	882	9.6	3851	963	0.8	324.6	81.2
133	3:15 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
133	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
133	3:45 PM	0.25	12.2	4928	1232	13.2	5297	1324	0.9	368.8	92.2
133	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
133	4:15 PM	0.25	15.1	6079	1520	16.3	6551	1638	1.2	472.1	118.0
133	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
133	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
133	5:00 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
133	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
133	5:30 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
133	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
133	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
133	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
133	6:30 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
133	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
133	7:00 PM	0.19	71.6	28830	5546	72.6	29228	5622	1.0	398.4	76.6
133	7:11 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
134	6:59 AM	0.00	59.3	23902	73	59.3	23902	73	0.0	0.0	0.0
134	7:00 AM	0.25	59.3	23902	5975	59.3	23902	5975	0.0	0.0	0.0
134	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
134	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
134	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
134	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
134	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
134	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
134	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
134	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
134	9:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
134	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
134	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
134	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
134	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
134	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
134	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
134	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
134	11:15 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
134	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
134	11:45 AM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
134	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
134	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
134	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
134	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
134	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
134	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
134	1:30 PM	0.25	3.5	1416	354	3.9	1549	387	0.3	132.8	33.2
134	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
134	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
134	2:15 PM	0.25	6.0	2405	601	6.6	2641	660	0.6	236.1	59.0
134	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
134	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
134	3:00 PM	0.25	8.8	3526	882	9.6	3851	963	0.8	324.6	81.2
134	3:15 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
134	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
134	3:45 PM	0.25	12.2	4928	1232	13.2	5297	1324	0.9	368.8	92.2
134	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
134	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
134	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
134	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
134	5:00 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
134	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
134	5:30 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
134	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
134	6:00 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1

134	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
134	6:30 PM	0.25	46.0	18531	4633	48.5	19534	4884	2.5	1003.4	250.8
134	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
134	7:00 PM	0.21	71.6	28830	5964	72.6	29228	6046	1.0	398.4	82.4
134	7:12 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
135	6:58 AM	0.02	59.3	23902	402	59.3	23902	402	0.0	0.0	0.0
135	7:00 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
135	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
135	7:30 AM	0.25	33.2	13367	3342	33.2	13367	3342	0.0	0.0	0.0
135	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
135	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
135	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
135	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
135	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
135	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
135	9:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
135	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
135	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
135	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
135	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
135	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
135	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
135	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
135	11:15 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
135	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
135	11:45 AM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
135	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
135	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
135	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
135	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
135	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
135	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
135	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
135	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
135	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
135	2:15 PM	0.25	6.0	2405	601	6.6	2641	660	0.6	236.1	59.0
135	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
135	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
135	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
135	3:15 PM	0.25	9.3	3762	941	10.5	4220	1055	1.1	457.4	114.3
135	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
135	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
135	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
135	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
135	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
135	4:45 PM	0.25	19.2	7731	1933	20.7	8336	2084	1.5	604.9	151.2
135	5:00 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
135	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
135	5:30 PM	0.25	26.8	10785	2696	28.8	11582	2895	2.0	796.7	199.2
135	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
135	6:00 PM	0.25	33.7	13574	3393	36.7	14783	3696	3.0	1209.8	302.5
135	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
135	6:30 PM	0.25	46.0	18531	4633	48.5	19534	4884	2.5	1003.4	250.8
135	6:45 PM	0.25	61.5	24772	6193	64.0	25761	6440	2.5	988.6	247.2
135	7:00 PM	0.22	73.1	29435	6512	74.0	29804	6594	0.9	368.9	81.6
135	7:13 PM	0.00	98.9	39822	0	98.9	39822	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
136	6:58 AM	0.03	59.1	23784	717	59.1	23784	717	0.0	0.0	0.0
136	7:00 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
136	7:15 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
136	7:30 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
136	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
136	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
136	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0

136	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
136	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
136	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
136	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
136	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
136	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
136	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
136	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
136	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
136	10:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
136	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
136	11:15 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
136	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
136	11:45 AM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
136	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
136	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
136	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
136	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
136	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
136	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
136	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
136	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
136	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
136	2:15 PM	0.25	6.0	2405	601	6.6	2641	660	0.6	236.1	59.0
136	2:30 PM	0.25	7.3	2921	730	7.5	3010	752	0.2	88.5	22.1
136	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
136	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
136	3:15 PM	0.25	9.3	3762	941	10.5	4220	1055	1.1	457.4	114.3
136	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
136	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
136	4:00 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
136	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
136	4:30 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
136	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
136	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
136	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
136	5:30 PM	0.25	26.8	10785	2696	28.8	11582	2895	2.0	796.7	199.2
136	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
136	6:00 PM	0.25	33.7	13574	3393	36.7	14783	3696	3.0	1209.8	302.5
136	6:15 PM	0.25	42.1	16967	4242	45.1	18147	4537	2.9	1180.3	295.1
136	6:30 PM	0.25	46.0	18531	4633	48.5	19534	4884	2.5	1003.4	250.8
136	6:45 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
136	7:00 PM	0.24	73.1	29435	6932	74.0	29804	7019	0.9	368.9	86.9
136	7:14 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
137	6:57 AM	0.04	59.1	23784	1024	59.1	23784	1024	0.0	0.0	0.0
137	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
137	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
137	7:30 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
137	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
137	8:00 AM	0.25	20.0	8070	2018	20.0	8070	2018	0.0	0.0	0.0
137	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
137	8:30 AM	0.25	10.7	4293	1073	10.7	4293	1073	0.0	0.0	0.0
137	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
137	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
137	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
137	9:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
137	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
137	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
137	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
137	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
137	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
137	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
137	11:15 AM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
137	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
137	11:45 AM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
137	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
137	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0

137	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
137	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
137	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
137	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
137	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
137	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
137	2:00 PM	0.25	5.6	2243	561	5.6	2272	568	0.1	29.5	7.4
137	2:15 PM	0.25	5.7	2302	575	6.1	2449	612	0.4	147.6	36.9
137	2:30 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
137	2:45 PM	0.25	7.4	2980	745	7.6	3039	760	0.1	59.0	14.8
137	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
137	3:15 PM	0.25	9.3	3762	941	10.5	4220	1055	1.1	457.4	114.3
137	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
137	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
137	4:00 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
137	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
137	4:30 PM	0.25	16.3	6566	1641	17.7	7126	1782	1.4	560.6	140.2
137	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
137	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
137	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
137	5:30 PM	0.25	26.8	10785	2696	28.8	11582	2895	2.0	796.7	199.2
137	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
137	6:00 PM	0.25	33.7	13574	3393	36.7	14783	3696	3.0	1209.8	302.5
137	6:15 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
137	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
137	6:45 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
137	7:00 PM	0.25	73.1	29435	7349	74.0	29804	7441	0.9	368.9	92.1
137	7:14 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
138	6:56 AM	0.06	59.1	23784	1320	59.1	23784	1320	0.0	0.0	0.0
138	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
138	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
138	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
138	7:45 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
138	8:00 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
138	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
138	8:30 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
138	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
138	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
138	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
138	9:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
138	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
138	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
138	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
138	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
138	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
138	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
138	11:15 AM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
138	11:30 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
138	11:45 AM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
138	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
138	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
138	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
138	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
138	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
138	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
138	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
138	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
138	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
138	2:15 PM	0.25	5.7	2302	575	6.1	2449	612	0.4	147.6	36.9
138	2:30 PM	0.25	7.0	2818	705	7.5	3025	756	0.5	206.6	51.6
138	2:45 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
138	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
138	3:15 PM	0.25	9.3	3762	941	10.5	4220	1055	1.1	457.4	114.3
138	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
138	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
138	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
138	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2

138	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
138	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
138	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
138	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
138	5:30 PM	0.25	26.8	10785	2696	28.8	11582	2895	2.0	796.7	199.2
138	5:45 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
138	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
138	6:15 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
138	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
138	6:45 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
138	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
138	7:15 PM	0.01	98.9	39837	544	98.9	39837	544	0.0	0.0	0.0
138	7:15 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
139	6:55 AM	0.07	59.1	23784	1606	59.1	23784	1606	0.0	0.0	0.0
139	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
139	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
139	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
139	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
139	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
139	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
139	8:30 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
139	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
139	9:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
139	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
139	9:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
139	9:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
139	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
139	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
139	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
139	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
139	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
139	11:15 AM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
139	11:30 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
139	11:45 AM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
139	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
139	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
139	12:30 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
139	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
139	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
139	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
139	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
139	1:45 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
139	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
139	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
139	2:30 PM	0.25	7.0	2818	705	7.5	3025	756	0.5	206.6	51.6
139	2:45 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
139	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
139	3:15 PM	0.25	9.3	3762	941	10.5	4220	1055	1.1	457.4	114.3
139	3:30 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
139	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
139	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
139	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
139	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
139	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
139	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
139	5:15 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
139	5:30 PM	0.25	26.8	10785	2696	28.8	11582	2895	2.0	796.7	199.2
139	5:45 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
139	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
139	6:15 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
139	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
139	6:45 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
139	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
139	7:15 PM	0.03	92.1	37108	1021	92.3	37181	1023	0.2	73.8	2.0
139	7:16 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		

DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
140	6:55 AM	0.08	59.1	23784	1881	59.1	23784	1881	0.0	0.0	0.0
140	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
140	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
140	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
140	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
140	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
140	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
140	8:30 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
140	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
140	9:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
140	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
140	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
140	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
140	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
140	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
140	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
140	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
140	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
140	11:15 AM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
140	11:30 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
140	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
140	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
140	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
140	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
140	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
140	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
140	1:15 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
140	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
140	1:45 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
140	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
140	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
140	2:30 PM	0.25	7.0	2818	705	7.5	3025	756	0.5	206.6	51.6
140	2:45 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
140	3:00 PM	0.25	9.0	3630	907	9.9	3969	992	0.8	339.3	84.8
140	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
140	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
140	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
140	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
140	4:15 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
140	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
140	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
140	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
140	5:15 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
140	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
140	5:45 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
140	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
140	6:15 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
140	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
140	6:45 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
140	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
140	7:15 PM	0.04	92.1	37108	1530	92.3	37181	1533	0.2	73.8	3.0
140	7:17 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
141	6:54 AM	0.09	59.1	23784	2145	59.1	23784	2145	0.0	0.0	0.0
141	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
141	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
141	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
141	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
141	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
141	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
141	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
141	8:45 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
141	9:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
141	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
141	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
141	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0

141	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
141	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
141	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
141	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
141	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
141	11:15 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
141	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
141	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
141	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
141	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
141	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
141	12:45 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
141	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
141	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
141	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3
141	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
141	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
141	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
141	2:30 PM	0.25	7.0	2818	705	7.5	3025	756	0.5	206.6	51.6
141	2:45 PM	0.25	7.6	3039	760	7.7	3113	778	0.2	73.8	18.4
141	3:00 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
141	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
141	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
141	3:45 PM	0.25	12.5	5031	1258	13.4	5385	1346	0.9	354.1	88.5
141	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
141	4:15 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
141	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
141	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
141	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
141	5:15 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
141	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
141	5:45 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
141	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
141	6:15 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
141	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
141	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
141	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
141	7:15 PM	0.05	92.1	37108	2032	92.3	37181	2036	0.2	73.8	4.0
141	7:18 PM	0.00	98.9	39837	0	98.9	39837	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
142	6:53 AM	0.10	59.1	23784	2397	59.1	23784	2397	0.0	0.0	0.0
142	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
142	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
142	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
142	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
142	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
142	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
142	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
142	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
142	9:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
142	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
142	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
142	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
142	10:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
142	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
142	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
142	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
142	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
142	11:15 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
142	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
142	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
142	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
142	12:15 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
142	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
142	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
142	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
142	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
142	1:30 PM	0.25	2.8	1107	277	3.3	1328	332	0.6	221.3	55.3

142	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
142	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
142	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
142	2:30 PM	0.25	7.0	2818	705	7.5	3025	756	0.5	206.6	51.6
142	2:45 PM	0.25	7.6	3039	760	7.7	3113	778	0.2	73.8	18.4
142	3:00 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
142	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
142	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
142	3:45 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
142	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
142	4:15 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
142	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
142	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
142	5:00 PM	0.25	20.5	8262	2066	22.3	8970	2243	1.8	708.2	177.1
142	5:15 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
142	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
142	5:45 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
142	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
142	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
142	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
142	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
142	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
142	7:15 PM	0.07	92.1	37108	2528	92.3	37181	2533	0.2	73.8	5.0
142	7:19 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
143	6:53 AM	0.11	56.9	22928	2544	56.9	22928	2544	0.0	0.0	0.0
143	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
143	7:15 AM	0.25	40.1	16141	4035	40.1	16141	4035	0.0	0.0	0.0
143	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
143	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
143	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
143	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
143	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
143	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
143	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
143	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
143	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
143	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
143	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
143	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
143	10:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
143	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
143	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
143	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
143	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
143	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
143	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
143	12:15 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
143	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
143	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
143	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
143	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
143	1:30 PM	0.25	3.3	1328	332	3.6	1446	361	0.3	118.0	29.5
143	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
143	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
143	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
143	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
143	2:45 PM	0.25	7.6	3039	760	7.7	3113	778	0.2	73.8	18.4
143	3:00 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
143	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
143	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
143	3:45 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
143	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
143	4:15 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
143	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
143	4:45 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
143	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
143	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9

143	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
143	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
143	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
143	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
143	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
143	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
143	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
143	7:15 PM	0.08	92.1	37108	3016	92.3	37181	3022	0.2	73.8	6.0
143	7:19 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
144	6:52 AM	0.12	56.9	22928	2766	56.9	22928	2766	0.0	0.0	0.0
144	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
144	7:15 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
144	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
144	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
144	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
144	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
144	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
144	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
144	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
144	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
144	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
144	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
144	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
144	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
144	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
144	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
144	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
144	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
144	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
144	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
144	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
144	12:15 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
144	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
144	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
144	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
144	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
144	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
144	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
144	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
144	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
144	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
144	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
144	3:00 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
144	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
144	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
144	3:45 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
144	4:00 PM	0.25	13.2	5311	1328	14.0	5621	1405	0.8	309.8	77.5
144	4:15 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
144	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
144	4:45 PM	0.25	17.3	6964	1741	18.4	7407	1852	1.1	442.6	110.7
144	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
144	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
144	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
144	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
144	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
144	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
144	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
144	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
144	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
144	7:15 PM	0.09	92.1	37108	3498	92.3	37181	3505	0.2	73.8	6.9
144	7:20 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
145	6:52 AM	0.13	56.9	22928	2977	56.9	22928	2977	0.0	0.0	0.0
145	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0

145	7:15 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
145	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
145	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
145	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
145	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
145	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
145	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
145	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
145	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
145	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
145	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
145	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
145	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
145	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
145	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
145	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
145	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
145	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
145	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
145	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
145	12:15 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
145	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
145	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
145	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
145	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
145	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
145	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
145	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
145	2:15 PM	0.25	5.9	2361	590	6.3	2523	631	0.4	162.3	40.6
145	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
145	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
145	3:00 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
145	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
145	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
145	3:45 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
145	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
145	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
145	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
145	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
145	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
145	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
145	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
145	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
145	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
145	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
145	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
145	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
145	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
145	7:15 PM	0.11	92.1	37108	3972	92.3	37181	3980	0.2	73.8	7.9
145	7:21 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
146	6:51 AM	0.14	56.9	22928	3177	56.9	22928	3177	0.0	0.0	0.0
146	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
146	7:15 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
146	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
146	7:45 AM	0.25	22.7	9148	2287	22.7	9148	2287	0.0	0.0	0.0
146	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
146	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
146	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
146	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
146	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
146	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
146	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
146	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
146	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
146	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
146	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
146	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0

146	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
146	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
146	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
146	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
146	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
146	12:15 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
146	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
146	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
146	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
146	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
146	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
146	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
146	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
146	2:15 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
146	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
146	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
146	3:00 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
146	3:15 PM	0.25	9.4	3792	948	10.6	4249	1062	1.1	457.4	114.4
146	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
146	3:45 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
146	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
146	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
146	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
146	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
146	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
146	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
146	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
146	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
146	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
146	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
146	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
146	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
146	7:00 PM	0.25	73.1	29435	7359	74.0	29804	7451	0.9	368.9	92.2
146	7:15 PM	0.12	92.2	37122	4439	92.2	37137	4441	0.0	14.8	1.8
146	7:22 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
147	6:51 AM	0.15	56.9	22928	3366	56.9	22928	3366	0.0	0.0	0.0
147	7:00 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
147	7:15 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
147	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
147	7:45 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
147	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
147	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
147	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
147	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
147	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
147	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
147	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
147	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
147	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
147	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
147	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
147	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
147	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
147	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
147	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
147	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
147	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
147	12:15 PM	0.25	3.3	1328	332	3.3	1328	332	0.0	0.0	0.0
147	12:30 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
147	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
147	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
147	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
147	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
147	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
147	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
147	2:15 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
147	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6

147	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
147	3:00 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
147	3:15 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
147	3:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
147	3:45 PM	0.25	11.3	4530	1132	12.3	4957	1239	1.1	427.9	107.0
147	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
147	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
147	4:30 PM	0.25	15.5	6256	1564	17.1	6875	1719	1.5	619.7	154.9
147	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
147	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
147	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
147	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
147	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
147	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
147	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9
147	6:30 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
147	6:45 PM	0.25	52.1	20995	5249	54.2	21836	5459	2.1	841.0	210.3
147	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
147	7:15 PM	0.13	92.2	37122	4897	92.2	37137	4899	0.0	14.8	1.9
147	7:22 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
148	6:50 AM	0.15	56.9	22928	3544	56.9	22928	3544	0.0	0.0	0.0
148	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
148	7:15 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
148	7:30 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
148	7:45 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
148	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
148	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
148	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
148	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
148	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
148	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
148	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
148	9:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
148	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
148	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
148	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
148	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
148	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
148	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
148	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
148	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
148	12:00 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
148	12:15 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
148	12:30 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
148	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
148	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
148	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
148	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
148	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
148	2:00 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
148	2:15 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
148	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
148	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
148	3:00 PM	0.25	8.1	3261	815	8.8	3541	885	0.7	280.3	70.1
148	3:15 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
148	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
148	3:45 PM	0.25	11.3	4530	1132	12.3	4957	1239	1.1	427.9	107.0
148	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
148	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
148	4:30 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
148	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
148	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
148	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
148	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
148	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
148	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
148	6:15 PM	0.25	36.2	14577	3644	38.8	15624	3906	2.6	1047.5	261.9

148	6:30 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
148	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
148	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
148	7:15 PM	0.14	92.2	37122	5346	92.2	37137	5348	0.0	14.8	2.1
148	7:23 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
149	6:50 AM	0.16	56.9	22928	3710	56.9	22928	3710	0.0	0.0	0.0
149	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
149	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
149	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
149	7:45 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
149	8:00 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
149	8:15 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
149	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
149	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
149	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
149	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
149	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
149	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
149	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
149	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
149	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
149	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
149	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
149	11:15 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
149	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
149	11:45 AM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
149	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
149	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
149	12:30 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
149	12:45 PM	0.25	2.5	989	247	2.5	989	247	0.0	0.0	0.0
149	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
149	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
149	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
149	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
149	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
149	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
149	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
149	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
149	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
149	3:15 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
149	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
149	3:45 PM	0.25	11.3	4530	1132	12.3	4957	1239	1.1	427.9	107.0
149	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
149	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
149	4:30 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
149	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
149	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
149	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
149	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
149	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
149	6:00 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
149	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
149	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
149	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
149	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
149	7:15 PM	0.16	92.2	37122	5785	92.2	37137	5787	0.0	14.8	2.3
149	7:24 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
150	6:49 AM	0.17	56.9	22928	3865	56.9	22928	3865	0.0	0.0	0.0
150	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
150	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
150	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
150	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
150	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0

150	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
150	8:30 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
150	8:45 AM	0.25	8.9	3600	900	8.9	3600	900	0.0	0.0	0.0
150	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
150	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
150	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
150	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
150	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
150	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
150	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
150	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
150	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
150	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
150	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
150	11:45 AM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
150	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
150	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
150	12:30 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
150	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
150	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
150	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
150	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
150	1:45 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
150	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
150	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
150	2:30 PM	0.25	7.1	2862	716	7.5	3025	756	0.4	162.3	40.6
150	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
150	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
150	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
150	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
150	3:45 PM	0.25	11.3	4530	1132	12.3	4957	1239	1.1	427.9	107.0
150	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
150	4:15 PM	0.25	14.2	5725	1431	15.4	6197	1549	1.2	472.2	118.0
150	4:30 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
150	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
150	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
150	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
150	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
150	5:45 PM	0.25	27.8	11213	2803	30.2	12143	3036	2.3	929.5	232.4
150	6:00 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
150	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
150	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
150	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
150	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
150	7:15 PM	0.17	92.2	37122	6215	92.2	37137	6217	0.0	14.8	2.5
150	7:25 PM	0.00	98.3	39586	0	98.3	39586	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
151	6:49 AM	0.17	56.5	22736	3975	56.5	22736	3975	0.0	0.0	0.0
151	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
151	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
151	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
151	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
151	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
151	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
151	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
151	8:45 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
151	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
151	9:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
151	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
151	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
151	10:00 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
151	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
151	10:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
151	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
151	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
151	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
151	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
151	11:45 AM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0

151	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
151	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
151	12:30 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
151	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
151	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
151	1:15 PM	0.25	2.1	841	210	2.1	841	210	0.0	0.0	0.0
151	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
151	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
151	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
151	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
151	2:30 PM	0.25	6.6	2671	668	7.2	2907	727	0.6	236.1	59.0
151	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
151	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
151	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
151	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
151	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
151	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
151	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
151	4:30 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
151	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
151	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
151	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
151	5:30 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
151	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
151	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
151	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
151	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
151	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
151	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
151	7:15 PM	0.18	92.2	37122	6634	92.2	37137	6637	0.0	14.8	2.6
151	7:25 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
152	6:49 AM	0.18	56.5	22736	4107	56.5	22736	4107	0.0	0.0	0.0
152	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
152	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
152	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
152	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
152	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
152	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
152	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
152	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
152	9:00 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
152	9:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
152	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
152	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
152	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
152	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
152	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
152	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
152	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
152	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
152	11:30 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
152	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
152	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
152	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
152	12:30 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
152	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
152	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
152	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
152	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
152	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
152	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
152	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
152	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
152	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
152	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
152	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
152	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8

152	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
152	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
152	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
152	4:30 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
152	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
152	5:00 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
152	5:15 PM	0.25	21.9	8823	2206	24.0	9679	2420	2.1	855.8	213.9
152	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
152	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
152	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
152	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
152	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
152	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
152	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
152	7:15 PM	0.19	92.2	37122	7044	92.2	37137	7046	0.0	14.8	2.8
152	7:26 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
153	6:48 AM	0.19	56.5	22736	4226	56.5	22736	4226	0.0	0.0	0.0
153	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
153	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
153	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
153	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
153	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
153	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
153	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
153	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
153	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
153	9:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
153	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
153	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
153	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
153	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
153	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
153	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
153	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
153	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
153	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
153	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
153	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
153	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
153	12:30 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
153	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
153	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
153	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
153	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
153	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
153	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
153	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
153	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
153	2:45 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
153	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
153	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
153	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
153	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
153	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
153	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
153	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
153	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
153	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
153	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
153	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
153	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
153	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
153	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
153	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
153	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
153	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
153	7:15 PM	0.20	92.2	37122	7442	92.2	37137	7445	0.0	14.8	3.0

153	7:27 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
154	6:48 AM	0.19	56.5	22736	4335	56.5	22736	4335	0.0	0.0	0.0
154	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
154	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
154	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
154	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
154	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
154	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
154	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
154	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
154	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
154	9:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
154	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
154	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
154	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
154	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
154	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
154	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
154	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
154	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
154	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
154	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
154	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
154	12:15 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
154	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
154	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
154	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
154	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
154	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
154	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
154	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
154	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
154	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
154	2:45 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
154	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
154	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
154	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
154	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
154	4:00 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
154	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
154	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
154	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
154	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
154	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
154	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
154	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
154	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
154	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
154	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
154	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
154	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
154	7:15 PM	0.21	92.2	37122	7829	92.2	37137	7832	0.0	14.8	3.1
154	7:27 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
155	6:48 AM	0.19	56.5	22736	4432	56.5	22736	4432	0.0	0.0	0.0
155	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
155	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
155	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
155	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
155	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
155	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
155	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
155	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
155	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0

155	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
155	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
155	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
155	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
155	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
155	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
155	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
155	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
155	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
155	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
155	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
155	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
155	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
155	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
155	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
155	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
155	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
155	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
155	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
155	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
155	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
155	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
155	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
155	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
155	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
155	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
155	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
155	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
155	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
155	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
155	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
155	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
155	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
155	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
155	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
155	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
155	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
155	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
155	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
155	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
155	7:15 PM	0.22	75.7	30483	6737	75.9	30586	6760	0.3	103.3	22.8
155	7:28 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
156	6:48 AM	0.20	56.5	22736	4517	56.5	22736	4517	0.0	0.0	0.0
156	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
156	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
156	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
156	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
156	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
156	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
156	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
156	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
156	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
156	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
156	9:30 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
156	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
156	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
156	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
156	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
156	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
156	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
156	11:15 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
156	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
156	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
156	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
156	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
156	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
156	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0

156	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
156	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
156	1:30 PM	0.25	2.6	1033	258	3.1	1239	310	0.5	206.6	51.6
156	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
156	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
156	2:15 PM	0.25	5.8	2331	583	6.0	2434	609	0.3	103.3	25.8
156	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
156	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
156	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
156	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
156	3:30 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
156	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
156	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
156	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
156	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
156	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
156	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
156	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
156	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
156	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
156	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
156	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
156	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
156	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
156	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
156	7:15 PM	0.23	75.7	30483	7035	75.9	30586	7059	0.3	103.3	23.8
156	7:28 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
157	6:47 AM	0.20	56.5	22736	4591	56.5	22736	4591	0.0	0.0	0.0
157	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
157	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
157	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
157	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
157	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
157	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
157	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
157	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
157	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
157	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
157	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
157	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
157	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
157	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
157	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
157	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
157	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
157	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
157	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
157	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
157	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
157	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
157	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
157	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
157	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
157	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
157	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
157	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
157	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
157	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
157	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
157	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
157	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
157	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
157	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
157	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
157	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
157	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
157	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5

157	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
157	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
157	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
157	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
157	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
157	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
157	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
157	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
157	6:45 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
157	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
157	7:15 PM	0.24	75.7	30483	7323	75.9	30586	7348	0.3	103.3	24.8
157	7:29 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
158	6:47 AM	0.20	56.5	22736	4654	56.5	22736	4654	0.0	0.0	0.0
158	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
158	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
158	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
158	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
158	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
158	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
158	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
158	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
158	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
158	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
158	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
158	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
158	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
158	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
158	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
158	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
158	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
158	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
158	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
158	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
158	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
158	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
158	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
158	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
158	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
158	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
158	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
158	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
158	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
158	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
158	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
158	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
158	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
158	3:15 PM	0.25	9.7	3895	974	10.7	4308	1077	1.0	413.1	103.3
158	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
158	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
158	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
158	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
158	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
158	4:45 PM	0.25	17.0	6861	1715	18.1	7303	1826	1.1	442.6	110.7
158	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
158	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
158	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
158	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
158	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
158	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
158	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
158	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
158	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
158	7:15 PM	0.25	75.7	30483	7601	75.9	30586	7626	0.3	103.3	25.8
158	7:29 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR

159	6:47 AM	0.21	56.5	22736	4705	56.5	22736	4705	0.0	0.0	0.0
159	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
159	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
159	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
159	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
159	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
159	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
159	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
159	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
159	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
159	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
159	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
159	9:45 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
159	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
159	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
159	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
159	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
159	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
159	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
159	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
159	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
159	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
159	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
159	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
159	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
159	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
159	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
159	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
159	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
159	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
159	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
159	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
159	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
159	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
159	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
159	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
159	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
159	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
159	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
159	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
159	4:45 PM	0.25	16.6	6684	1671	18.0	7230	1807	1.4	545.9	136.5
159	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
159	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
159	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
159	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
159	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
159	6:15 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
159	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
159	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
159	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
159	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
159	7:30 PM	0.01	98.4	39645	321	98.4	39645	321	0.0	0.0	0.0
159	7:30 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
160	6:47 AM	0.21	56.5	22736	4745	56.5	22736	4745	0.0	0.0	0.0
160	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
160	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
160	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
160	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
160	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
160	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
160	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
160	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
160	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
160	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
160	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
160	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0

160	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
160	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
160	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
160	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
160	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
160	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
160	11:30 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
160	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
160	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
160	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
160	12:30 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
160	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
160	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
160	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
160	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
160	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
160	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
160	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
160	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
160	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
160	3:00 PM	0.25	8.5	3423	856	9.2	3703	926	0.7	280.3	70.1
160	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
160	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
160	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
160	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
160	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
160	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
160	4:45 PM	0.25	16.6	6684	1671	18.0	7230	1807	1.4	545.9	136.5
160	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
160	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
160	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
160	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
160	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
160	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
160	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
160	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
160	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
160	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
160	7:30 PM	0.02	98.4	39645	653	98.4	39645	653	0.0	0.0	0.0
160	7:30 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
161	6:47 AM	0.21	56.5	22736	4774	56.5	22736	4774	0.0	0.0	0.0
161	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
161	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
161	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
161	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
161	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
161	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
161	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
161	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
161	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
161	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
161	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
161	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
161	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
161	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
161	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
161	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
161	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
161	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
161	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
161	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
161	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
161	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
161	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
161	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
161	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
161	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0

161	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
161	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
161	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
161	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
161	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
161	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
161	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
161	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
161	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
161	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
161	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
161	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
161	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
161	4:45 PM	0.25	16.6	6684	1671	18.0	7230	1807	1.4	545.9	136.5
161	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
161	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
161	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
161	5:45 PM	0.25	28.2	11361	2840	30.4	12261	3065	2.2	900.0	225.0
161	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
161	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
161	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
161	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
161	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
161	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
161	7:30 PM	0.02	98.4	39645	970	98.4	39645	970	0.0	0.0	0.0
161	7:31 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
162	6:47 AM	0.21	56.5	22736	4792	56.5	22736	4792	0.0	0.0	0.0
162	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
162	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
162	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
162	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
162	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
162	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
162	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
162	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
162	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
162	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
162	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
162	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
162	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
162	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
162	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
162	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
162	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
162	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
162	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
162	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
162	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
162	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
162	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
162	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
162	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
162	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
162	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
162	1:45 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
162	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
162	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
162	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
162	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
162	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
162	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
162	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
162	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
162	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
162	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
162	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
162	4:45 PM	0.25	16.6	6684	1671	18.0	7230	1807	1.4	545.9	136.5

162	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
162	5:15 PM	0.25	22.1	8897	2224	24.0	9679	2420	1.9	782.0	195.5
162	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
162	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
162	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
162	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
162	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
162	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
162	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
162	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
162	7:30 PM	0.03	98.4	39645	1273	98.4	39645	1273	0.0	0.0	0.0
162	7:31 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
163	6:47 AM	0.21	56.5	22736	4798	56.5	22736	4798	0.0	0.0	0.0
163	7:00 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
163	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
163	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
163	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
163	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
163	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
163	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
163	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
163	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
163	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
163	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
163	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
163	10:00 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
163	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
163	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
163	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
163	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
163	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
163	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
163	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
163	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
163	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
163	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
163	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
163	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
163	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
163	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
163	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
163	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
163	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
163	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
163	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
163	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
163	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
163	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
163	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
163	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
163	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
163	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
163	4:45 PM	0.25	16.6	6684	1671	18.0	7230	1807	1.4	545.9	136.5
163	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
163	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
163	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
163	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
163	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
163	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
163	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
163	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
163	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
163	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
163	7:30 PM	0.04	93.2	37550	1477	93.2	37550	1477	0.0	0.0	0.0
163	7:32 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		

DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
164	6:47 AM	0.21	56.5	22736	4793	56.5	22736	4793	0.0	0.0	0.0
164	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
164	7:15 AM	0.25	31.9	12836	3209	31.9	12836	3209	0.0	0.0	0.0
164	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
164	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
164	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
164	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
164	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
164	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
164	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
164	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
164	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
164	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
164	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
164	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
164	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
164	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
164	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
164	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
164	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
164	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
164	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
164	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
164	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
164	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
164	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
164	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
164	1:30 PM	0.25	2.2	885	221	2.6	1033	258	0.4	147.5	36.9
164	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
164	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
164	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
164	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
164	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
164	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
164	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
164	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
164	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
164	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
164	4:15 PM	0.25	13.8	5548	1387	15.0	6034	1509	1.2	486.9	121.7
164	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
164	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
164	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
164	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
164	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
164	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
164	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
164	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
164	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
164	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
164	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
164	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
164	7:30 PM	0.05	93.2	37550	1733	93.2	37550	1733	0.0	0.0	0.0
164	7:32 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			**PROPOSED CONDITIONS**			**NET CHANGE**		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
165	6:47 AM	0.21	56.5	22736	4778	56.5	22736	4778	0.0	0.0	0.0
165	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
165	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
165	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
165	7:45 AM	0.25	19.1	7702	1925	19.1	7702	1925	0.0	0.0	0.0
165	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
165	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
165	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
165	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
165	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
165	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
165	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0

165	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
165	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
165	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
165	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
165	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
165	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
165	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
165	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
165	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
165	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
165	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
165	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
165	12:45 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
165	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
165	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
165	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
165	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
165	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
165	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
165	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
165	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
165	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
165	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
165	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
165	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
165	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
165	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
165	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
165	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
165	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
165	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
165	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
165	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
165	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
165	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
165	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
165	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
165	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
165	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
165	7:30 PM	0.05	93.2	37550	1973	93.2	37550	1973	0.0	0.0	0.0
165	7:33 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
166	6:47 AM	0.21	56.5	22736	4751	56.5	22736	4751	0.0	0.0	0.0
166	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
166	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
166	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
166	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
166	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
166	8:15 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
166	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
166	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
166	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
166	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
166	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
166	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
166	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
166	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
166	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
166	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
166	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
166	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
166	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
166	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
166	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
166	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
166	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
166	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
166	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0

166	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
166	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
166	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
166	2:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
166	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
166	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
166	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
166	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
166	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
166	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
166	3:45 PM	0.25	11.4	4589	1147	12.5	5016	1254	1.1	427.8	107.0
166	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
166	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
166	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
166	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
166	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
166	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
166	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
166	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
166	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
166	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
166	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
166	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
166	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
166	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
166	7:30 PM	0.06	93.2	37550	2198	93.2	37550	2198	0.0	0.0	0.0
166	7:33 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
167	6:47 AM	0.21	56.5	22736	4714	56.5	22736	4714	0.0	0.0	0.0
167	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
167	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
167	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
167	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
167	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
167	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
167	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
167	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
167	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
167	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
167	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
167	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
167	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
167	10:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
167	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
167	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
167	11:00 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
167	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
167	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
167	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
167	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
167	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
167	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
167	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
167	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
167	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
167	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
167	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
167	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
167	2:15 PM	0.25	5.8	2331	583	6.2	2479	620	0.4	147.6	36.9
167	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
167	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
167	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
167	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
167	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
167	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
167	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
167	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
167	4:30 PM	0.25	14.5	5828	1457	15.9	6389	1597	1.4	560.6	140.2

167	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
167	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
167	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
167	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
167	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
167	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
167	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
167	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
167	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
167	7:00 PM	0.25	61.9	24920	6230	62.8	25274	6318	0.9	354.1	88.5
167	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
167	7:30 PM	0.06	93.2	37550	2406	93.2	37550	2406	0.0	0.0	0.0
167	7:33 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
168	6:47 AM	0.21	56.5	22736	4666	56.5	22736	4666	0.0	0.0	0.0
168	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
168	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
168	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
168	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
168	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
168	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
168	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
168	8:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
168	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
168	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
168	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
168	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
168	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
168	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
168	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
168	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
168	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
168	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
168	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
168	11:45 AM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
168	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
168	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
168	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
168	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
168	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
168	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
168	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
168	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
168	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
168	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
168	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
168	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
168	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
168	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
168	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
168	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
168	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
168	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
168	4:30 PM	0.25	14.5	5828	1457	15.9	6389	1597	1.4	560.6	140.2
168	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
168	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
168	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
168	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
168	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
168	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
168	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
168	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
168	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
168	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
168	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
168	7:30 PM	0.07	93.2	37550	2598	93.2	37550	2598	0.0	0.0	0.0
168	7:34 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
169	6:47 AM	0.20	54.7	22028	4463	54.7	22028	4463	0.0	0.0	0.0
169	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
169	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
169	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
169	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
169	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
169	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
169	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
169	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
169	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
169	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
169	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
169	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
169	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
169	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
169	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
169	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
169	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
169	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
169	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
169	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
169	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
169	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
169	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
169	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
169	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
169	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
169	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
169	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
169	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
169	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
169	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
169	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
169	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
169	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
169	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
169	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
169	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
169	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
169	4:30 PM	0.25	14.5	5828	1457	15.9	6389	1597	1.4	560.6	140.2
169	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
169	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
169	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
169	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
169	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
169	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
169	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
169	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
169	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1

169	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
169	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
169	7:30 PM	0.07	93.2	37550	2773	93.2	37550	2773	0.0	0.0	0.0
169	7:34 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
170	6:48 AM	0.20	54.7	22028	4396	54.7	22028	4396	0.0	0.0	0.0
170	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
170	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
170	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
170	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
170	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
170	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
170	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
170	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
170	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
170	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
170	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
170	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
170	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
170	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
170	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
170	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
170	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
170	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
170	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
170	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
170	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
170	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
170	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
170	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
170	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
170	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
170	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
170	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
170	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
170	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
170	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
170	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
170	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
170	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
170	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
170	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
170	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
170	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
170	4:30 PM	0.25	14.5	5828	1457	15.9	6389	1597	1.4	560.6	140.2
170	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
170	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
170	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
170	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
170	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
170	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
170	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
170	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
170	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
170	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
170	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
170	7:30 PM	0.08	93.2	37550	2932	93.2	37550	2932	0.0	0.0	0.0
170	7:34 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
171	6:48 AM	0.20	54.7	22028	4319	54.7	22028	4319	0.0	0.0	0.0
171	7:00 AM	0.25	38.1	15359	3840	38.1	15359	3840	0.0	0.0	0.0
171	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
171	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
171	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
171	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0

171	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
171	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
171	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
171	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
171	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
171	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
171	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
171	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
171	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
171	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
171	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
171	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
171	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
171	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
171	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
171	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
171	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
171	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
171	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
171	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
171	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
171	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
171	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
171	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
171	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
171	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
171	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
171	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
171	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
171	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
171	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
171	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
171	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
171	4:30 PM	0.25	14.5	5828	1457	15.9	6389	1597	1.4	560.6	140.2
171	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
171	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
171	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
171	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
171	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
171	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
171	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
171	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
171	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
171	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
171	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
171	7:30 PM	0.08	93.2	37550	3073	93.2	37550	3073	0.0	0.0	0.0
171	7:34 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
172	6:48 AM	0.19	54.7	22028	4233	54.7	22028	4233	0.0	0.0	0.0
172	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
172	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
172	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
172	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
172	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
172	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
172	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
172	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
172	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
172	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
172	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
172	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
172	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
172	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
172	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
172	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
172	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
172	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
172	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
172	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
172	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
172	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
172	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
172	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
172	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
172	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
172	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
172	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
172	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
172	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
172	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
172	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
172	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
172	3:15 PM	0.25	9.5	3836	959	10.5	4234	1059	1.0	398.3	99.6
172	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
172	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
172	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
172	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
172	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
172	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
172	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
172	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
172	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
172	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
172	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
172	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
172	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
172	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
172	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
172	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
172	7:30 PM	0.09	93.2	37550	3196	93.2	37550	3196	0.0	0.0	0.0
172	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
173	6:48 AM	0.19	54.7	22028	4136	54.7	22028	4136	0.0	0.0	0.0
173	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
173	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
173	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
173	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
173	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
173	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
173	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
173	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
173	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
173	9:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
173	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
173	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
173	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
173	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
173	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
173	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
173	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
173	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
173	11:30 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
173	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
173	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
173	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
173	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
173	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
173	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
173	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
173	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
173	1:45 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
173	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
173	2:15 PM	0.25	5.5	2213	553	5.6	2257	564	0.1	44.3	11.1
173	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
173	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
173	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
173	3:15 PM	0.25	9.1	3674	918	9.9	3984	996	0.8	309.8	77.4
173	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
173	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
173	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
173	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
173	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
173	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
173	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
173	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
173	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
173	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
173	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
173	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
173	6:30 PM	0.25	40.3	16215	4054	42.5	17115	4279	2.2	900.0	225.0
173	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
173	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
173	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
173	7:30 PM	0.09	93.2	37550	3302	93.2	37550	3302	0.0	0.0	0.0
173	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
174	6:49 AM	0.18	54.7	22028	4030	54.7	22028	4030	0.0	0.0	0.0
174	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
174	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
174	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
174	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
174	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
174	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
174	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
174	8:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
174	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
174	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0

174	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
174	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
174	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
174	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
174	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
174	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
174	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
174	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
174	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
174	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
174	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
174	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
174	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
174	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
174	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
174	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
174	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
174	1:45 PM	0.25	3.7	1475	369	3.9	1579	395	0.3	103.3	25.8
174	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
174	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
174	2:30 PM	0.25	6.7	2715	679	7.3	2936	734	0.6	221.3	55.3
174	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
174	3:00 PM	0.25	7.7	3084	771	7.8	3157	789	0.2	73.8	18.5
174	3:15 PM	0.25	9.1	3674	918	9.9	3984	996	0.8	309.8	77.4
174	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
174	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
174	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
174	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
174	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
174	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
174	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
174	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
174	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
174	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
174	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
174	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
174	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
174	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
174	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
174	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
174	7:30 PM	0.09	93.2	37550	3390	93.2	37550	3390	0.0	0.0	0.0
174	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
175	6:49 AM	0.18	54.7	22028	3915	54.7	22028	3915	0.0	0.0	0.0
175	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
175	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
175	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
175	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
175	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
175	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
175	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
175	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
175	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
175	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
175	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
175	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
175	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
175	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
175	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
175	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
175	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
175	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
175	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
175	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
175	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
175	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
175	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
175	12:45 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0

175	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
175	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
175	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
175	1:45 PM	0.25	3.7	1475	369	3.9	1579	395	0.3	103.3	25.8
175	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
175	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
175	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
175	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
175	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
175	3:15 PM	0.25	9.1	3674	918	9.9	3984	996	0.8	309.8	77.4
175	3:30 PM	0.25	9.3	3762	941	10.6	4249	1062	1.2	486.9	121.7
175	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
175	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
175	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
175	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
175	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
175	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
175	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
175	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
175	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
175	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
175	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
175	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
175	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
175	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
175	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
175	7:30 PM	0.09	93.2	37550	3459	93.2	37550	3459	0.0	0.0	0.0
175	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
176	6:49 AM	0.17	54.7	22028	3790	54.7	22028	3790	0.0	0.0	0.0
176	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
176	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
176	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
176	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
176	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
176	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
176	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
176	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
176	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
176	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
176	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
176	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
176	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
176	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
176	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
176	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
176	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
176	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
176	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
176	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
176	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
176	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
176	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
176	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
176	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
176	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
176	1:30 PM	0.25	2.2	870	218	2.5	1003	251	0.3	132.8	33.2
176	1:45 PM	0.25	3.7	1475	369	3.9	1579	395	0.3	103.3	25.8
176	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
176	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
176	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
176	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
176	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
176	3:15 PM	0.25	9.1	3674	918	9.9	3984	996	0.8	309.8	77.4
176	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
176	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
176	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
176	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2

176	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
176	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
176	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
176	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
176	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
176	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
176	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
176	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
176	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
176	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
176	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
176	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
176	7:30 PM	0.09	93.2	37550	3511	93.2	37550	3511	0.0	0.0	0.0
176	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
177	6:50 AM	0.17	56.5	22736	3775	56.5	22736	3775	0.0	0.0	0.0
177	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
177	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
177	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
177	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
177	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
177	8:15 AM	0.25	10.2	4116	1029	10.2	4116	1029	0.0	0.0	0.0
177	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
177	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
177	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
177	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
177	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
177	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
177	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
177	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
177	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
177	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
177	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
177	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
177	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
177	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
177	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
177	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
177	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
177	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
177	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
177	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
177	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
177	1:45 PM	0.25	3.7	1475	369	3.9	1579	395	0.3	103.3	25.8
177	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
177	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
177	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
177	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
177	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
177	3:15 PM	0.25	9.1	3674	918	9.9	3984	996	0.8	309.8	77.4
177	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
177	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
177	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
177	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
177	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
177	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
177	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
177	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
177	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
177	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
177	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
177	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
177	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
177	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
177	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
177	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
177	7:30 PM	0.09	93.2	37550	3543	93.2	37550	3543	0.0	0.0	0.0
177	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
178	6:50 AM	0.16	56.5	22736	3628	56.5	22736	3628	0.0	0.0	0.0
178	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
178	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
178	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
178	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
178	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
178	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
178	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
178	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
178	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
178	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
178	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
178	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
178	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
178	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
178	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
178	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
178	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
178	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
178	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
178	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
178	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
178	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
178	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
178	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
178	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
178	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
178	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
178	1:45 PM	0.25	3.7	1475	369	3.9	1579	395	0.3	103.3	25.8
178	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
178	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
178	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
178	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
178	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
178	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
178	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
178	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
178	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
178	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
178	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
178	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
178	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
178	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
178	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
178	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
178	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
178	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
178	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
178	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
178	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
178	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
178	7:30 PM	0.09	93.2	37550	3557	93.2	37550	3557	0.0	0.0	0.0
178	7:35 PM	0.00	98.1	39498	0	98.1	39498	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
179	6:50 AM	0.15	56.5	22736	3472	56.5	22736	3472	0.0	0.0	0.0
179	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
179	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
179	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
179	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
179	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
179	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
179	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
179	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
179	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0

179	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
179	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
179	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
179	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
179	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
179	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
179	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
179	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
179	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
179	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
179	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
179	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
179	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
179	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
179	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
179	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
179	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
179	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
179	1:45 PM	0.25	3.4	1372	343	3.8	1520	380	0.4	147.6	36.9
179	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
179	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
179	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
179	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
179	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
179	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
179	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
179	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
179	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
179	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
179	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
179	4:45 PM	0.25	15.1	6064	1516	16.2	6521	1630	1.1	457.4	114.3
179	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
179	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
179	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
179	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
179	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
179	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
179	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
179	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
179	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
179	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
179	7:30 PM	0.09	93.2	37550	3553	93.2	37550	3553	0.0	0.0	0.0
179	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
180	6:51 AM	0.15	56.5	22736	3308	56.5	22736	3308	0.0	0.0	0.0
180	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
180	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
180	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
180	7:45 AM	0.25	19.0	7657	1914	19.0	7657	1914	0.0	0.0	0.0
180	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
180	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
180	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
180	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
180	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
180	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
180	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
180	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
180	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
180	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
180	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
180	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
180	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
180	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
180	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
180	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
180	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
180	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
180	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0

180	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
180	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
180	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
180	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
180	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
180	2:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
180	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
180	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
180	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
180	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
180	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
180	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
180	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
180	4:00 PM	0.25	12.2	4898	1225	13.4	5385	1346	1.2	486.9	121.7
180	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
180	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
180	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
180	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
180	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
180	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
180	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
180	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
180	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
180	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
180	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
180	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
180	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
180	7:30 PM	0.09	93.2	37550	3529	93.2	37550	3529	0.0	0.0	0.0
180	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
181	6:51 AM	0.14	56.5	22736	3135	56.5	22736	3135	0.0	0.0	0.0
181	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
181	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
181	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
181	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
181	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
181	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
181	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
181	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
181	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
181	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
181	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
181	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
181	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
181	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
181	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
181	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
181	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
181	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
181	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
181	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
181	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
181	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
181	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
181	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
181	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
181	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
181	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
181	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
181	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
181	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
181	2:30 PM	0.25	6.4	2582	645	6.9	2759	690	0.4	177.0	44.3
181	2:45 PM	0.25	7.7	3098	775	7.9	3172	793	0.2	73.8	18.4
181	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
181	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
181	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
181	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
181	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9

181	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
181	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
181	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
181	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
181	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
181	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
181	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
181	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
181	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
181	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
181	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
181	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
181	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
181	7:30 PM	0.09	93.2	37550	3487	93.2	37550	3487	0.0	0.0	0.0
181	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
182	6:52 AM	0.13	46.0	18516	2406	46.0	18516	2406	0.0	0.0	0.0
182	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
182	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
182	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
182	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
182	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
182	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
182	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
182	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
182	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
182	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
182	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
182	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
182	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
182	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
182	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
182	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
182	11:00 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
182	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
182	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
182	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
182	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
182	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
182	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
182	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
182	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
182	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
182	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
182	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
182	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
182	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
182	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
182	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
182	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
182	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
182	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
182	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
182	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
182	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
182	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
182	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
182	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
182	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
182	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
182	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
182	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
182	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
182	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
182	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
182	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
182	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
182	7:30 PM	0.09	93.2	37550	3425	93.2	37550	3425	0.0	0.0	0.0

182	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
183	6:52 AM	0.12	46.0	18516	2252	46.0	18516	2252	0.0	0.0	0.0
183	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
183	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
183	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
183	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
183	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
183	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
183	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
183	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
183	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
183	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
183	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
183	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
183	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
183	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
183	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
183	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
183	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
183	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
183	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
183	11:45 AM	0.25	3.9	1549	387	3.9	1549	387	0.0	0.0	0.0
183	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
183	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
183	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
183	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
183	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
183	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
183	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
183	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
183	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
183	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
183	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
183	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
183	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
183	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
183	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
183	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
183	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
183	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
183	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
183	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
183	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
183	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
183	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
183	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
183	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
183	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
183	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
183	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
183	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
183	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
183	7:30 PM	0.09	93.2	37550	3344	93.2	37550	3344	0.0	0.0	0.0
183	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
184	6:53 AM	0.11	46.0	18516	2092	46.0	18516	2092	0.0	0.0	0.0
184	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
184	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
184	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
184	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
184	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
184	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
184	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
184	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0

184	9:00 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
184	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
184	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
184	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
184	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
184	10:15 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
184	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
184	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
184	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
184	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
184	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
184	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
184	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
184	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
184	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
184	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
184	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
184	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
184	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
184	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
184	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
184	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
184	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
184	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
184	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
184	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
184	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
184	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
184	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
184	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
184	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
184	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
184	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
184	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
184	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
184	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
184	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
184	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
184	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
184	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
184	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
184	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
184	7:30 PM	0.09	93.2	37550	3244	93.2	37550	3244	0.0	0.0	0.0
184	7:35 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
185	6:53 AM	0.10	46.0	18516	1926	46.0	18516	1926	0.0	0.0	0.0
185	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
185	7:15 AM	0.25	31.2	12556	3139	31.2	12556	3139	0.0	0.0	0.0
185	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
185	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
185	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
185	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
185	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
185	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
185	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
185	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
185	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
185	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
185	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
185	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
185	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
185	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
185	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
185	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
185	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
185	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
185	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
185	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0

185	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
185	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
185	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
185	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
185	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
185	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
185	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
185	2:15 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
185	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
185	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
185	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
185	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
185	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
185	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0
185	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
185	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
185	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
185	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
185	5:00 PM	0.25	18.4	7407	1852	20.0	8056	2014	1.6	649.2	162.3
185	5:15 PM	0.25	19.5	7834	1959	21.0	8469	2117	1.6	634.4	158.6
185	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
185	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
185	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
185	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
185	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
185	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
185	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
185	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
185	7:30 PM	0.08	93.2	37550	3125	93.2	37550	3125	0.0	0.0	0.0
185	7:34 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
186	6:54 AM	0.09	46.0	18516	1753	46.0	18516	1753	0.0	0.0	0.0
186	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
186	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
186	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
186	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
186	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
186	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
186	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
186	8:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
186	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
186	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
186	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
186	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
186	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
186	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
186	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
186	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
186	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
186	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
186	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
186	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
186	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
186	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
186	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
186	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
186	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
186	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
186	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
186	1:45 PM	0.25	3.9	1549	387	4.0	1623	406	0.2	73.8	18.4
186	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
186	2:15 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
186	2:30 PM	0.25	6.6	2671	668	7.2	2907	727	0.6	236.1	59.0
186	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
186	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
186	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
186	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
186	3:45 PM	0.25	10.5	4234	1059	11.7	4707	1177	1.2	472.2	118.0

186	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
186	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
186	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
186	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
186	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
186	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
186	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
186	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
186	6:00 PM	0.25	27.9	11243	2811	30.0	12098	3025	2.1	855.7	213.9
186	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
186	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
186	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
186	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
186	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
186	7:30 PM	0.08	93.2	37550	2987	93.2	37550	2987	0.0	0.0	0.0
186	7:34 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
187	6:54 AM	0.09	46.0	18516	1575	46.0	18516	1575	0.0	0.0	0.0
187	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
187	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
187	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
187	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
187	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
187	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
187	8:30 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
187	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
187	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
187	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
187	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
187	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
187	10:00 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
187	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
187	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
187	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
187	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
187	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
187	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
187	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
187	12:00 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
187	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
187	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
187	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
187	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
187	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
187	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
187	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
187	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
187	2:15 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
187	2:30 PM	0.25	6.6	2671	668	7.2	2907	727	0.6	236.1	59.0
187	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
187	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
187	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
187	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
187	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
187	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
187	4:15 PM	0.25	13.3	5370	1343	14.3	5739	1435	0.9	368.9	92.2
187	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
187	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
187	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
187	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
187	5:30 PM	0.25	23.7	9561	2390	26.3	10608	2652	2.6	1047.5	261.9
187	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
187	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
187	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
187	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
187	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
187	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
187	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8

187	7:30 PM	0.08	93.2	37550	2829	93.2	37550	2829	0.0	0.0	0.0
187	7:34 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
188	6:55 AM	0.08	46.0	18516	1392	46.0	18516	1392	0.0	0.0	0.0
188	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
188	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
188	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
188	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
188	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
188	8:15 AM	0.25	12.6	5075	1269	12.6	5075	1269	0.0	0.0	0.0
188	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
188	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
188	9:00 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
188	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
188	9:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
188	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
188	10:00 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
188	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
188	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
188	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
188	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
188	11:15 AM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
188	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
188	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
188	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
188	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
188	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
188	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
188	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
188	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
188	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
188	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
188	2:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
188	2:15 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
188	2:30 PM	0.25	6.6	2671	668	7.2	2907	727	0.6	236.1	59.0
188	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
188	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
188	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
188	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
188	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
188	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
188	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
188	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
188	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
188	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
188	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
188	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
188	5:45 PM	0.25	25.7	10357	2589	27.7	11154	2789	2.0	796.7	199.2
188	6:00 PM	0.25	30.8	12408	3102	33.4	13470	3368	2.6	1062.3	265.6
188	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
188	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
188	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
188	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
188	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
188	7:30 PM	0.07	93.2	37550	2652	93.2	37550	2652	0.0	0.0	0.0
188	7:34 PM	0.00	98.4	39645	0	98.4	39645	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
189	6:56 AM	0.06	46.0	18516	1203	46.0	18516	1203	0.0	0.0	0.0
189	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
189	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
189	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
189	7:45 AM	0.25	21.9	8838	2209	21.9	8838	2209	0.0	0.0	0.0
189	8:00 AM	0.25	16.3	6580	1645	16.3	6580	1645	0.0	0.0	0.0
189	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
189	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0

189	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
189	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
189	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
189	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
189	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
189	10:00 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
189	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
189	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
189	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
189	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
189	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
189	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
189	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
189	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
189	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
189	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
189	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
189	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
189	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
189	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
189	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
189	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
189	2:15 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
189	2:30 PM	0.25	6.6	2671	668	7.2	2907	727	0.6	236.1	59.0
189	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
189	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
189	3:15 PM	0.25	9.1	3644	911	9.7	3910	977	0.7	265.6	66.4
189	3:30 PM	0.25	9.5	3807	952	10.7	4323	1081	1.3	516.4	129.1
189	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
189	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
189	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
189	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
189	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
189	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
189	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
189	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
189	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
189	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
189	6:15 PM	0.25	32.1	12910	3227	34.4	13854	3464	2.4	944.3	236.1
189	6:30 PM	0.25	35.5	14311	3578	37.6	15138	3784	2.1	826.2	206.6
189	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
189	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
189	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
189	7:30 PM	0.07	93.2	37550	2456	93.2	37550	2456	0.0	0.0	0.0
189	7:33 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
190	6:56 AM	0.05	46.0	18516	1009	46.0	18516	1009	0.0	0.0	0.0
190	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
190	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
190	7:30 AM	0.25	26.7	10756	2689	26.7	10756	2689	0.0	0.0	0.0
190	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
190	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
190	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
190	8:30 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
190	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
190	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
190	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
190	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
190	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
190	10:00 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
190	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
190	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
190	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
190	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
190	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
190	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
190	11:45 AM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
190	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0

190	12:15 PM	0.25	2.9	1166	291	2.9	1166	291	0.0	0.0	0.0
190	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
190	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
190	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
190	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
190	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
190	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
190	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
190	2:15 PM	0.25	5.6	2257	564	5.9	2375	594	0.3	118.0	29.5
190	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
190	2:45 PM	0.25	7.5	3025	756	7.8	3143	786	0.3	118.0	29.5
190	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
190	3:15 PM	0.25	8.7	3511	878	9.5	3821	955	0.8	309.8	77.5
190	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
190	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
190	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
190	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
190	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
190	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
190	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
190	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
190	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
190	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
190	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
190	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
190	6:30 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
190	6:45 PM	0.25	44.2	17808	4452	46.1	18560	4640	1.9	752.5	188.1
190	7:00 PM	0.25	50.8	20479	5120	51.8	20877	5219	1.0	398.4	99.6
190	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
190	7:30 PM	0.06	93.2	37550	2241	93.2	37550	2241	0.0	0.0	0.0
190	7:33 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
191	6:57 AM	0.04	46.0	18516	810	46.0	18516	810	0.0	0.0	0.0
191	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
191	7:15 AM	0.25	38.7	15580	3895	38.7	15580	3895	0.0	0.0	0.0
191	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
191	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
191	8:00 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
191	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
191	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
191	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
191	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
191	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
191	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
191	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
191	10:00 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
191	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
191	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
191	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
191	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
191	11:15 AM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
191	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
191	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
191	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
191	12:15 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
191	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
191	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
191	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
191	1:15 PM	0.25	1.7	679	170	1.7	679	170	0.0	0.0	0.0
191	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
191	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
191	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
191	2:15 PM	0.25	5.6	2257	564	5.9	2375	594	0.3	118.0	29.5
191	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
191	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
191	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
191	3:15 PM	0.25	8.7	3511	878	9.5	3821	955	0.8	309.8	77.5
191	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7

191	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
191	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
191	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
191	4:30 PM	0.25	14.4	5813	1453	15.8	6359	1590	1.4	545.9	136.5
191	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
191	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
191	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
191	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
191	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
191	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
191	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
191	6:30 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
191	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
191	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
191	7:15 PM	0.25	75.7	30483	7621	75.9	30586	7646	0.3	103.3	25.8
191	7:30 PM	0.05	93.2	37550	2006	93.2	37550	2006	0.0	0.0	0.0
191	7:33 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
192	6:58 AM	0.03	46.0	18516	606	46.0	18516	606	0.0	0.0	0.0
192	7:00 AM	0.25	46.0	18516	4629	46.0	18516	4629	0.0	0.0	0.0
192	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
192	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
192	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
192	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
192	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
192	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
192	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
192	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
192	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
192	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
192	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
192	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
192	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
192	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
192	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
192	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
192	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
192	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
192	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
192	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
192	12:15 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
192	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
192	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
192	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
192	1:15 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
192	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
192	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
192	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
192	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
192	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
192	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
192	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
192	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
192	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
192	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
192	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
192	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
192	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
192	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
192	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
192	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
192	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
192	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
192	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
192	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
192	6:30 PM	0.25	36.2	14592	3648	38.7	15595	3899	2.5	1003.3	250.8
192	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
192	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7

192	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
192	7:30 PM	0.05	92.2	37122	1733	92.2	37137	1733	0.0	14.8	0.7
192	7:32 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
193	6:58 AM	0.02	46.0	18516	398	46.0	18516	398	0.0	0.0	0.0
193	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
193	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
193	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
193	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
193	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
193	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
193	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
193	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
193	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
193	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
193	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
193	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
193	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
193	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
193	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
193	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
193	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
193	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
193	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
193	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
193	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
193	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
193	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
193	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
193	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
193	1:15 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
193	1:30 PM	0.25	2.0	811	203	2.0	811	203	0.0	0.0	0.0
193	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
193	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
193	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
193	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
193	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
193	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
193	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
193	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
193	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
193	4:00 PM	0.25	12.9	5179	1295	13.8	5562	1391	1.0	383.6	95.9
193	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
193	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
193	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
193	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
193	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
193	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
193	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
193	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
193	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
193	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
193	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
193	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
193	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
193	7:30 PM	0.04	92.2	37122	1464	92.2	37137	1464	0.0	14.8	0.6
193	7:32 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
194	6:59 AM	0.01	46.6	18752	188	46.6	18752	188	0.0	0.0	0.0
194	7:00 AM	0.25	46.6	18752	4688	46.6	18752	4688	0.0	0.0	0.0
194	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
194	7:30 AM	0.25	27.5	11065	2766	27.5	11065	2766	0.0	0.0	0.0
194	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
194	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
194	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0

194	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
194	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
194	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
194	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
194	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
194	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
194	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
194	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
194	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
194	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
194	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
194	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
194	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
194	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
194	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
194	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
194	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
194	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
194	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
194	1:15 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
194	1:30 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
194	1:45 PM	0.25	3.8	1520	380	4.0	1608	402	0.2	88.5	22.1
194	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
194	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
194	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
194	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
194	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
194	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
194	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
194	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
194	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
194	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
194	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
194	4:45 PM	0.25	15.2	6138	1534	16.3	6580	1645	1.1	442.6	110.7
194	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
194	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
194	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
194	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
194	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
194	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
194	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
194	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
194	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
194	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
194	7:30 PM	0.03	92.2	37122	1176	92.2	37137	1176	0.0	14.8	0.5
194	7:31 PM	0.00	93.2	37550	0	93.2	37550	0	0.0	0.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
195	7:00 AM	0.25	46.6	18752	4657	46.6	18752	4657	0.0	0.0	0.0
195	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
195	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
195	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
195	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
195	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
195	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
195	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
195	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
195	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
195	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
195	9:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
195	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
195	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
195	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
195	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
195	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
195	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
195	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
195	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
195	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0

195	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
195	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
195	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
195	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
195	1:15 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
195	1:30 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
195	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
195	2:00 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
195	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
195	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
195	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
195	3:00 PM	0.25	7.7	3113	778	7.9	3172	793	0.1	59.0	14.8
195	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
195	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
195	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0
195	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
195	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
195	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
195	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
195	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
195	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
195	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
195	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
195	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
195	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
195	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
195	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
195	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
195	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
195	7:30 PM	0.02	92.2	37122	869	92.2	37137	870	0.0	14.8	0.3
195	7:31 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
196	7:00 AM	0.24	46.6	18752	4433	46.6	18752	4433	0.0	0.0	0.0
196	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
196	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
196	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
196	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
196	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
196	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
196	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
196	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
196	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
196	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
196	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
196	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
196	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
196	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
196	10:45 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
196	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
196	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
196	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
196	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
196	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
196	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
196	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
196	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
196	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
196	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
196	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
196	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
196	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
196	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
196	2:30 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
196	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
196	3:00 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
196	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
196	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
196	3:45 PM	0.25	10.4	4190	1048	11.6	4662	1166	1.2	472.1	118.0

196	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
196	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
196	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
196	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
196	5:00 PM	0.25	18.4	7392	1848	20.0	8041	2010	1.6	649.2	162.3
196	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
196	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
196	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
196	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
196	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
196	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
196	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
196	7:00 PM	0.25	50.8	20479	5120	52.5	21157	5289	1.7	678.7	169.7
196	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
196	7:30 PM	0.01	92.2	37122	545	92.2	37137	545	0.0	14.8	0.2
196	7:30 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
197	7:01 AM	0.22	46.6	18752	4206	46.6	18752	4206	0.0	0.0	0.0
197	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
197	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
197	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
197	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
197	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
197	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
197	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
197	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
197	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
197	9:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
197	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
197	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
197	10:15 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
197	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
197	10:45 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
197	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
197	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
197	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
197	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
197	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
197	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
197	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
197	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
197	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
197	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
197	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
197	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
197	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
197	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
197	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
197	2:45 PM	0.25	7.4	2980	745	7.7	3113	778	0.3	132.8	33.2
197	3:00 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
197	3:15 PM	0.25	9.6	3866	966	10.5	4234	1059	0.9	368.8	92.2
197	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
197	3:45 PM	0.25	10.2	4102	1025	11.5	4633	1158	1.3	531.2	132.8
197	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
197	4:15 PM	0.25	13.5	5430	1357	14.4	5798	1450	0.9	368.8	92.2
197	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
197	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
197	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
197	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
197	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
197	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
197	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
197	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
197	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
197	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
197	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
197	7:15 PM	0.25	75.4	30364	7591	76.2	30704	7676	0.8	339.4	84.9
197	7:30 PM	0.01	92.2	37122	202	92.2	37137	202	0.0	14.8	0.1

197	7:30 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
198	7:02 AM	0.21	46.6	18752	3975	46.6	18752	3975	0.0	0.0	0.0
198	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
198	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
198	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
198	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
198	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
198	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
198	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
198	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
198	9:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
198	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
198	9:45 AM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
198	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
198	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
198	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
198	10:45 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
198	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
198	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
198	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
198	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
198	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
198	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
198	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
198	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
198	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
198	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
198	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
198	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
198	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
198	2:15 PM	0.25	5.5	2228	557	5.7	2287	572	0.1	59.0	14.8
198	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
198	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
198	3:00 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
198	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
198	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
198	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
198	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
198	4:15 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
198	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
198	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
198	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
198	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
198	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
198	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
198	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
198	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
198	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
198	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
198	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
198	7:15 PM	0.25	75.4	30364	7461	76.2	30704	7544	0.8	339.4	83.4
198	7:29 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
199	7:03 AM	0.20	46.6	18752	3741	46.6	18752	3741	0.0	0.0	0.0
199	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
199	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
199	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
199	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
199	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
199	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
199	8:45 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
199	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
199	9:15 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
199	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0

199	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
199	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
199	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
199	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
199	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
199	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
199	11:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
199	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
199	11:45 AM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
199	12:00 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
199	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
199	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
199	12:45 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
199	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
199	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
199	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
199	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
199	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
199	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
199	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
199	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
199	3:00 PM	0.25	7.6	3054	764	7.8	3128	782	0.2	73.8	18.4
199	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
199	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
199	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
199	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
199	4:15 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
199	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
199	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
199	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
199	5:15 PM	0.25	19.7	7938	1984	21.2	8528	2132	1.5	590.2	147.5
199	5:30 PM	0.25	24.2	9752	2438	26.6	10697	2674	2.4	944.3	236.1
199	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
199	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
199	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
199	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
199	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
199	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
199	7:15 PM	0.24	75.4	30364	7151	76.2	30704	7231	0.8	339.4	79.9
199	7:29 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
200	7:03 AM	0.19	46.6	18752	3504	46.6	18752	3504	0.0	0.0	0.0
200	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
200	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
200	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
200	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
200	8:15 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
200	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
200	8:45 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
200	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
200	9:15 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
200	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
200	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
200	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
200	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
200	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
200	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
200	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
200	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
200	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
200	11:45 AM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
200	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
200	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
200	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
200	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
200	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
200	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
200	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0

200	1:45 PM	0.25	3.6	1431	358	3.8	1534	384	0.3	103.3	25.8
200	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
200	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
200	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
200	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
200	3:00 PM	0.25	8.0	3231	808	8.5	3438	859	0.5	206.6	51.6
200	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
200	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
200	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
200	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
200	4:15 PM	0.25	13.4	5400	1350	14.2	5710	1427	0.8	309.8	77.5
200	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
200	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
200	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
200	5:15 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
200	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
200	5:45 PM	0.25	25.8	10402	2600	28.0	11272	2818	2.2	870.5	217.6
200	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
200	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
200	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
200	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
200	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
200	7:15 PM	0.22	75.4	30364	6826	76.2	30704	6903	0.8	339.4	76.3
200	7:28 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
201	7:04 AM	0.17	46.6	18752	3263	46.6	18752	3263	0.0	0.0	0.0
201	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
201	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
201	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
201	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
201	8:15 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
201	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
201	8:45 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
201	9:00 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
201	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
201	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
201	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
201	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
201	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
201	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
201	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
201	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
201	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
201	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
201	11:45 AM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
201	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
201	12:15 PM	0.25	3.2	1284	321	3.2	1284	321	0.0	0.0	0.0
201	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
201	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
201	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
201	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
201	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
201	1:45 PM	0.25	3.9	1564	391	4.0	1608	402	0.1	44.3	11.1
201	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
201	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
201	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
201	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
201	3:00 PM	0.25	8.0	3231	808	8.5	3438	859	0.5	206.6	51.6
201	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
201	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
201	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
201	4:00 PM	0.25	12.4	4987	1247	13.3	5356	1339	0.9	368.8	92.2
201	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
201	4:30 PM	0.25	14.7	5902	1475	16.0	6462	1616	1.4	560.6	140.2
201	4:45 PM	0.25	15.5	6241	1560	16.9	6787	1697	1.4	545.9	136.5
201	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
201	5:15 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
201	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4

201	5:45 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
201	6:00 PM	0.25	31.1	12526	3132	34.0	13706	3427	2.9	1180.3	295.1
201	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
201	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
201	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
201	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
201	7:15 PM	0.21	75.4	30364	6487	76.2	30704	6560	0.8	339.4	72.5
201	7:27 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
202	7:05 AM	0.16	46.6	18752	3020	46.6	18752	3020	0.0	0.0	0.0
202	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
202	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
202	7:45 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
202	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
202	8:15 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
202	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
202	8:45 AM	0.25	9.8	3939	985	9.8	3939	985	0.0	0.0	0.0
202	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
202	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
202	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
202	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
202	10:00 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
202	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
202	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
202	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
202	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
202	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
202	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
202	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
202	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
202	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
202	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
202	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
202	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
202	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
202	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
202	1:45 PM	0.25	3.9	1564	391	4.0	1608	402	0.1	44.3	11.1
202	2:00 PM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
202	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
202	2:30 PM	0.25	6.3	2538	634	6.9	2759	690	0.6	221.3	55.3
202	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
202	3:00 PM	0.25	8.0	3231	808	8.5	3438	859	0.5	206.6	51.6
202	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
202	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
202	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
202	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
202	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
202	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
202	4:45 PM	0.25	17.3	6964	1741	18.4	7407	1852	1.1	442.6	110.7
202	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
202	5:15 PM	0.25	20.2	8130	2032	21.7	8734	2184	1.5	604.9	151.2
202	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
202	5:45 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
202	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
202	6:15 PM	0.25	33.1	13338	3334	35.5	14311	3578	2.4	973.7	243.4
202	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
202	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
202	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
202	7:15 PM	0.20	75.4	30364	6134	76.2	30704	6203	0.8	339.4	68.6
202	7:27 PM	0.00	92.2	37122	0	92.2	37137	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
203	7:06 AM	0.15	47.6	19165	2835	47.6	19165	2835	0.0	0.0	0.0
203	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
203	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
203	7:45 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0

203	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
203	8:15 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
203	8:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
203	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
203	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
203	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
203	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
203	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
203	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
203	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
203	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
203	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
203	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
203	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
203	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
203	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
203	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
203	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
203	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
203	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
203	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
203	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
203	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
203	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
203	2:00 PM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
203	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
203	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
203	2:45 PM	0.25	7.4	2995	749	7.8	3128	782	0.3	132.8	33.2
203	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
203	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
203	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
203	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
203	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
203	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
203	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
203	4:45 PM	0.25	17.3	6964	1741	18.4	7407	1852	1.1	442.6	110.7
203	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
203	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
203	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
203	5:45 PM	0.25	26.3	10608	2652	28.5	11479	2870	2.2	870.5	217.6
203	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
203	6:15 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
203	6:30 PM	0.25	40.2	16200	4050	43.1	17351	4338	2.9	1150.8	287.7
203	6:45 PM	0.25	44.9	18103	4526	47.1	18974	4743	2.2	870.5	217.6
203	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
203	7:15 PM	0.19	75.4	30364	5767	76.2	30704	5832	0.8	339.4	64.5
203	7:26 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
204	7:06 AM	0.13	47.6	19165	2581	47.6	19165	2581	0.0	0.0	0.0
204	7:15 AM	0.25	39.2	15787	3947	39.2	15787	3947	0.0	0.0	0.0
204	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
204	7:45 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
204	8:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
204	8:15 AM	0.25	17.3	6979	1745	17.3	6979	1745	0.0	0.0	0.0
204	8:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
204	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
204	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
204	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
204	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
204	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
204	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
204	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
204	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
204	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
204	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
204	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
204	11:30 AM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
204	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0

204	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
204	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
204	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
204	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
204	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
204	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
204	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
204	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
204	2:00 PM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
204	2:15 PM	0.25	5.5	2213	553	5.6	2243	561	0.1	29.5	7.4
204	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
204	2:45 PM	0.25	7.5	3025	756	7.7	3098	775	0.2	73.8	18.4
204	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
204	3:15 PM	0.25	9.3	3748	937	10.2	4116	1029	0.9	368.9	92.2
204	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
204	3:45 PM	0.25	11.1	4471	1118	12.3	4972	1243	1.2	501.6	125.4
204	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
204	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
204	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
204	4:45 PM	0.25	17.3	6964	1741	18.4	7407	1852	1.1	442.6	110.7
204	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
204	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
204	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
204	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
204	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
204	6:15 PM	0.25	33.7	13559	3390	36.4	14651	3663	2.7	1091.8	273.0
204	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
204	6:45 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
204	7:00 PM	0.25	59.9	24108	6027	61.4	24728	6182	1.5	619.7	154.9
204	7:15 PM	0.18	75.4	30364	5386	76.2	30704	5446	0.8	339.4	60.2
204	7:25 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
205	7:07 AM	0.12	47.6	19165	2325	47.6	19165	2325	0.0	0.0	0.0
205	7:15 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
205	7:30 AM	0.25	32.2	12969	3242	32.2	12969	3242	0.0	0.0	0.0
205	7:45 AM	0.25	27.8	11198	2800	27.8	11198	2800	0.0	0.0	0.0
205	8:00 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
205	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
205	8:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
205	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
205	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
205	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
205	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
205	9:45 AM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
205	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
205	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
205	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
205	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
205	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
205	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
205	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
205	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
205	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
205	12:15 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
205	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
205	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
205	1:00 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
205	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
205	1:30 PM	0.25	2.0	797	199	2.0	797	199	0.0	0.0	0.0
205	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
205	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
205	2:15 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
205	2:30 PM	0.25	6.1	2464	616	6.5	2626	657	0.4	162.3	40.6
205	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
205	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
205	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
205	3:30 PM	0.25	9.7	3910	977	10.9	4397	1099	1.2	486.9	121.7
205	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0

205	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
205	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
205	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
205	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
205	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
205	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
205	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
205	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
205	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
205	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
205	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
205	6:45 PM	0.25	45.0	18133	4533	47.3	19033	4758	2.2	900.0	225.0
205	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
205	7:15 PM	0.16	73.1	29435	4839	74.0	29804	4899	0.9	368.9	60.6
205	7:24 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
206	7:08 AM	0.11	47.6	19165	2067	47.6	19165	2067	0.0	0.0	0.0
206	7:15 AM	0.25	47.6	19165	4791	47.6	19165	4791	0.0	0.0	0.0
206	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
206	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
206	8:00 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
206	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
206	8:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
206	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
206	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
206	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
206	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
206	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
206	10:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
206	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
206	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
206	10:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
206	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
206	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
206	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
206	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
206	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
206	12:15 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
206	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
206	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
206	1:00 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
206	1:15 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
206	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
206	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
206	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
206	2:15 PM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
206	2:30 PM	0.25	6.5	2597	649	7.0	2818	705	0.6	221.3	55.3
206	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
206	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
206	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
206	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
206	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
206	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
206	4:15 PM	0.25	14.3	5769	1442	15.5	6256	1564	1.2	486.9	121.7
206	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
206	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
206	5:00 PM	0.25	18.5	7436	1859	20.0	8056	2014	1.5	619.7	154.9
206	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
206	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
206	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
206	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
206	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
206	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
206	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
206	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
206	7:15 PM	0.15	73.1	29435	4443	74.0	29804	4499	0.9	368.9	55.7
206	7:24 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
207	7:09 AM	0.09	47.6	19165	1806	47.6	19165	1806	0.0	0.0	0.0
207	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
207	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
207	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
207	8:00 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
207	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
207	8:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
207	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
207	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
207	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
207	9:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
207	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
207	10:00 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
207	10:15 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
207	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
207	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
207	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
207	11:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
207	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
207	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
207	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
207	12:15 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
207	12:30 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
207	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
207	1:00 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
207	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
207	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
207	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
207	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
207	2:15 PM	0.25	5.5	2213	553	5.8	2346	586	0.3	132.8	33.2
207	2:30 PM	0.25	6.5	2597	649	7.0	2818	705	0.6	221.3	55.3
207	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
207	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
207	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
207	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
207	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
207	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
207	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
207	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
207	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
207	5:00 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
207	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
207	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
207	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
207	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
207	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
207	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
207	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
207	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
207	7:15 PM	0.14	73.1	29435	4034	74.0	29804	4085	0.9	368.9	50.6
207	7:23 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
208	7:10 AM	0.08	47.6	19165	1544	47.6	19165	1544	0.0	0.0	0.0
208	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
208	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
208	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
208	8:00 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
208	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
208	8:30 AM	0.25	10.3	4146	1036	10.3	4146	1036	0.0	0.0	0.0
208	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
208	9:00 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
208	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
208	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
208	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
208	10:00 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0

208	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
208	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
208	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
208	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
208	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
208	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
208	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
208	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
208	12:15 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
208	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
208	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
208	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
208	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
208	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
208	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
208	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
208	2:15 PM	0.25	5.5	2213	553	5.8	2346	586	0.3	132.8	33.2
208	2:30 PM	0.25	6.5	2597	649	7.0	2818	705	0.6	221.3	55.3
208	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
208	3:00 PM	0.25	7.8	3143	786	8.1	3275	819	0.3	132.8	33.2
208	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
208	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
208	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
208	4:00 PM	0.25	12.6	5075	1269	13.4	5415	1354	0.8	339.3	84.8
208	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
208	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
208	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
208	5:00 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
208	5:15 PM	0.25	22.2	8941	2235	24.4	9811	2453	2.2	870.5	217.6
208	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
208	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
208	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
208	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
208	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
208	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
208	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
208	7:15 PM	0.12	90.6	36473	4477	90.7	36532	4484	0.2	59.0	7.3
208	7:22 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
209	7:10 AM	0.07	47.6	19165	1280	47.6	19165	1280	0.0	0.0	0.0
209	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
209	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
209	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
209	8:00 AM	0.25	20.0	8056	2014	20.0	8056	2014	0.0	0.0	0.0
209	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
209	8:30 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
209	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
209	9:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
209	9:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
209	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
209	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
209	10:00 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
209	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
209	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
209	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
209	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
209	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
209	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
209	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
209	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
209	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
209	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
209	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
209	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
209	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
209	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
209	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
209	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0

209	2:15 PM	0.25	5.5	2213	553	5.8	2346	586	0.3	132.8	33.2
209	2:30 PM	0.25	6.5	2597	649	7.0	2818	705	0.6	221.3	55.3
209	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
209	3:00 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
209	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
209	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
209	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
209	4:00 PM	0.25	13.2	5311	1328	13.9	5607	1402	0.7	295.1	73.8
209	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
209	4:30 PM	0.25	15.0	6034	1509	16.1	6492	1623	1.1	457.4	114.3
209	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
209	5:00 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
209	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
209	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
209	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
209	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
209	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
209	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
209	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
209	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
209	7:15 PM	0.11	90.6	36473	3939	90.7	36532	3946	0.2	59.0	6.4
209	7:21 PM	0.00	92.1	37108	0	92.3	37181	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
210	7:11 AM	0.05	47.9	19283	1020	47.9	19283	1020	0.0	0.0	0.0
210	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
210	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
210	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
210	8:00 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
210	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
210	8:30 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
210	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
210	9:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
210	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
210	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
210	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
210	10:00 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
210	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
210	10:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
210	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
210	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
210	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
210	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
210	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
210	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
210	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
210	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
210	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
210	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
210	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
210	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
210	1:45 PM	0.25	3.5	1416	354	3.8	1534	384	0.3	118.0	29.5
210	2:00 PM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
210	2:15 PM	0.25	5.5	2213	553	5.8	2346	586	0.3	132.8	33.2
210	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
210	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
210	3:00 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
210	3:15 PM	0.25	9.0	3630	907	9.9	3998	1000	0.9	368.9	92.2
210	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
210	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
210	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
210	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
210	4:30 PM	0.25	15.1	6079	1520	16.5	6639	1660	1.4	560.6	140.2
210	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
210	5:00 PM	0.25	18.9	7628	1907	20.4	8218	2055	1.5	590.1	147.5
210	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
210	5:30 PM	0.25	24.4	9826	2457	26.7	10756	2689	2.3	929.5	232.4
210	5:45 PM	0.25	28.6	11523	2881	31.1	12526	3132	2.5	1003.3	250.8
210	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0

210	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
210	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
210	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
210	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
210	7:15 PM	0.09	90.6	36473	3386	90.7	36532	3392	0.2	59.0	5.5
210	7:20 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
211	7:12 AM	0.04	47.9	19283	752	47.9	19283	752	0.0	0.0	0.0
211	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
211	7:30 AM	0.25	32.7	13161	3290	32.7	13161	3290	0.0	0.0	0.0
211	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
211	8:00 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
211	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
211	8:30 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
211	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
211	9:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
211	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
211	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
211	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
211	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
211	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
211	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
211	10:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
211	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
211	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
211	11:30 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
211	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
211	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
211	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
211	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
211	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
211	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
211	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
211	1:30 PM	0.25	2.2	885	221	2.3	930	232	0.1	44.3	11.1
211	1:45 PM	0.25	4.1	1667	417	4.2	1697	424	0.1	29.5	7.4
211	2:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
211	2:15 PM	0.25	5.5	2213	553	5.8	2346	586	0.3	132.8	33.2
211	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
211	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
211	3:00 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
211	3:15 PM	0.25	9.5	3807	952	10.4	4205	1051	1.0	398.4	99.6
211	3:30 PM	0.25	9.7	3925	981	11.0	4426	1107	1.3	501.6	125.4
211	3:45 PM	0.25	11.3	4530	1132	12.4	5002	1250	1.2	472.1	118.0
211	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
211	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
211	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5
211	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
211	5:00 PM	0.25	20.7	8321	2080	22.6	9118	2279	2.0	796.7	199.2
211	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
211	5:30 PM	0.25	24.9	10018	2504	27.1	10903	2726	2.2	885.3	221.3
211	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
211	6:00 PM	0.25	31.0	12482	3120	33.8	13618	3404	2.8	1136.0	284.0
211	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
211	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
211	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
211	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
211	7:15 PM	0.08	90.6	36473	2819	90.7	36532	2823	0.2	59.0	4.6
211	7:19 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
212	7:13 AM	0.02	47.9	19283	482	47.9	19283	482	0.0	0.0	0.0
212	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
212	7:30 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
212	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
212	8:00 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
212	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0

212	8:30 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
212	8:45 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
212	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
212	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
212	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
212	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
212	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
212	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
212	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
212	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
212	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
212	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
212	11:30 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
212	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
212	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
212	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
212	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
212	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
212	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
212	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
212	1:30 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
212	1:45 PM	0.25	4.1	1667	417	4.2	1697	424	0.1	29.5	7.4
212	2:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
212	2:15 PM	0.25	5.5	2198	550	5.6	2243	561	0.1	44.3	11.1
212	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
212	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
212	3:00 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
212	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
212	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
212	3:45 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
212	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
212	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
212	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5
212	4:45 PM	0.25	17.3	6979	1745	18.5	7436	1859	1.1	457.4	114.3
212	5:00 PM	0.25	20.7	8321	2080	22.6	9118	2279	2.0	796.7	199.2
212	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
212	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
212	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
212	6:00 PM	0.25	31.6	12733	3183	34.0	13677	3419	2.4	944.2	236.1
212	6:15 PM	0.25	37.4	15049	3762	40.2	16200	4050	2.9	1150.8	287.7
212	6:30 PM	0.25	41.4	16672	4168	44.0	17720	4430	2.6	1047.5	261.9
212	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
212	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
212	7:15 PM	0.06	90.6	36473	2236	90.7	36532	2240	0.2	59.0	3.6
212	7:18 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
213	7:14 AM	0.01	47.9	19283	210	47.9	19283	210	0.0	0.0	0.0
213	7:15 AM	0.25	47.9	19283	4821	47.9	19283	4821	0.0	0.0	0.0
213	7:30 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
213	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
213	8:00 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
213	8:15 AM	0.25	17.5	7052	1763	17.5	7052	1763	0.0	0.0	0.0
213	8:30 AM	0.25	13.0	5238	1309	13.0	5238	1309	0.0	0.0	0.0
213	8:45 AM	0.25	9.9	3969	992	9.9	3969	992	0.0	0.0	0.0
213	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
213	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
213	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
213	9:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
213	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
213	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
213	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
213	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
213	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
213	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
213	11:30 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
213	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
213	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
213	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0

213	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
213	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
213	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
213	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
213	1:30 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
213	1:45 PM	0.25	4.1	1667	417	4.2	1697	424	0.1	29.5	7.4
213	2:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
213	2:15 PM	0.25	5.5	2198	550	5.6	2243	561	0.1	44.3	11.1
213	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
213	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
213	3:00 PM	0.25	7.5	3010	752	7.7	3098	775	0.2	88.5	22.1
213	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
213	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
213	3:45 PM	0.25	10.8	4367	1092	12.0	4839	1210	1.2	472.2	118.0
213	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
213	4:15 PM	0.25	14.1	5695	1424	15.3	6152	1538	1.1	457.4	114.3
213	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5
213	4:45 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
213	5:00 PM	0.25	20.7	8321	2080	22.6	9118	2279	2.0	796.7	199.2
213	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
213	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
213	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
213	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
213	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
213	6:30 PM	0.25	46.0	18531	4633	48.5	19534	4884	2.5	1003.4	250.8
213	6:45 PM	0.25	52.4	21113	5278	55.3	22279	5570	2.9	1165.7	291.4
213	7:00 PM	0.25	61.1	24595	6149	62.9	25348	6337	1.9	752.5	188.1
213	7:15 PM	0.04	90.6	36473	1639	90.7	36532	1642	0.2	59.0	2.6
213	7:17 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
214	7:15 AM	0.25	47.9	19283	4759	47.9	19283	4759	0.0	0.0	0.0
214	7:30 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
214	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
214	8:00 AM	0.25	23.7	9531	2383	23.7	9531	2383	0.0	0.0	0.0
214	8:15 AM	0.25	17.3	6964	1741	17.3	6964	1741	0.0	0.0	0.0
214	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
214	8:45 AM	0.25	9.9	3969	992	9.9	3969	992	0.0	0.0	0.0
214	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
214	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
214	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
214	9:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
214	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
214	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
214	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
214	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
214	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
214	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
214	11:30 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
214	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
214	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
214	12:15 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
214	12:30 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
214	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
214	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
214	1:15 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
214	1:30 PM	0.25	2.2	885	221	2.2	885	221	0.0	0.0	0.0
214	1:45 PM	0.25	4.0	1623	406	4.2	1697	424	0.2	73.8	18.4
214	2:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
214	2:15 PM	0.25	5.5	2198	550	5.6	2243	561	0.1	44.3	11.1
214	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
214	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
214	3:00 PM	0.25	8.4	3379	845	9.0	3630	907	0.6	250.8	62.7
214	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
214	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
214	3:45 PM	0.25	11.9	4810	1202	12.9	5179	1295	0.9	368.9	92.2
214	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
214	4:15 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
214	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5

214	4:45 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
214	5:00 PM	0.25	20.7	8321	2080	22.6	9118	2279	2.0	796.7	199.2
214	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
214	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
214	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
214	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
214	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
214	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
214	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
214	7:00 PM	0.25	71.6	28830	7207	72.6	29228	7307	1.0	398.4	99.6
214	7:15 PM	0.03	90.6	36473	1028	90.7	36532	1029	0.2	59.0	1.7
214	7:16 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
215	7:16 AM	0.23	47.9	19283	4486	47.9	19283	4486	0.0	0.0	0.0
215	7:30 AM	0.25	40.6	16347	4087	40.6	16347	4087	0.0	0.0	0.0
215	7:45 AM	0.25	28.2	11361	2840	28.2	11361	2840	0.0	0.0	0.0
215	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
215	8:15 AM	0.25	17.3	6964	1741	17.3	6964	1741	0.0	0.0	0.0
215	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
215	8:45 AM	0.25	9.9	3969	992	9.9	3969	992	0.0	0.0	0.0
215	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
215	9:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
215	9:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
215	9:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
215	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
215	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
215	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
215	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
215	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
215	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
215	11:30 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
215	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
215	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
215	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
215	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
215	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
215	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
215	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
215	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
215	1:45 PM	0.25	4.0	1623	406	4.2	1697	424	0.2	73.8	18.4
215	2:00 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
215	2:15 PM	0.25	5.5	2198	550	5.6	2243	561	0.1	44.3	11.1
215	2:30 PM	0.25	6.3	2538	634	6.9	2774	693	0.6	236.1	59.0
215	2:45 PM	0.25	7.4	2995	749	7.6	3069	767	0.2	73.8	18.5
215	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
215	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
215	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
215	3:45 PM	0.25	11.9	4810	1202	12.9	5179	1295	0.9	368.9	92.2
215	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
215	4:15 PM	0.25	14.3	5769	1442	15.6	6285	1571	1.3	516.4	129.1
215	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5
215	4:45 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
215	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
215	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
215	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
215	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
215	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
215	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
215	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
215	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
215	7:00 PM	0.25	70.3	28299	7075	71.9	28977	7244	1.7	678.7	169.7
215	7:15 PM	0.01	90.6	36473	402	90.7	36532	403	0.2	59.0	0.6
215	7:15 PM	0.00	90.6	36473	0	90.7	36532	0	0.2	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
216	7:16 AM	0.22	49.1	19756	4315	49.1	19756	4315	0.0	0.0	0.0

216	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
216	7:45 AM	0.25	28.2	11346	2836	28.2	11346	2836	0.0	0.0	0.0
216	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
216	8:15 AM	0.25	17.3	6964	1741	17.3	6964	1741	0.0	0.0	0.0
216	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
216	8:45 AM	0.25	9.9	3969	992	9.9	3969	992	0.0	0.0	0.0
216	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
216	9:15 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
216	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
216	9:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
216	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
216	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
216	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
216	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
216	11:00 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
216	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
216	11:30 AM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
216	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
216	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
216	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
216	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
216	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
216	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
216	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
216	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
216	1:45 PM	0.25	4.0	1623	406	4.2	1697	424	0.2	73.8	18.4
216	2:00 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
216	2:15 PM	0.25	6.0	2434	609	6.4	2582	645	0.4	147.6	36.9
216	2:30 PM	0.25	6.0	2405	601	6.6	2641	660	0.6	236.1	59.0
216	2:45 PM	0.25	7.4	2995	749	7.7	3084	771	0.2	88.5	22.1
216	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
216	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
216	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
216	3:45 PM	0.25	11.9	4810	1202	12.9	5179	1295	0.9	368.9	92.2
216	4:00 PM	0.25	13.2	5311	1328	13.9	5577	1394	0.7	265.6	66.4
216	4:15 PM	0.25	15.0	6034	1509	16.2	6536	1634	1.3	501.6	125.4
216	4:30 PM	0.25	16.3	6551	1638	17.7	7141	1785	1.5	590.2	147.5
216	4:45 PM	0.25	17.9	7215	1804	19.2	7731	1933	1.3	516.4	129.1
216	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
216	5:15 PM	0.25	22.5	9074	2268	24.7	9944	2486	2.2	870.5	217.6
216	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
216	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
216	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
216	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
216	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
216	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
216	7:00 PM	0.24	70.3	28299	6891	71.9	28977	7057	1.7	678.7	165.3
216	7:14 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
217	7:17 AM	0.20	49.1	19756	4034	49.1	19756	4034	0.0	0.0	0.0
217	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
217	7:45 AM	0.25	28.2	11346	2836	28.2	11346	2836	0.0	0.0	0.0
217	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
217	8:15 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
217	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
217	8:45 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
217	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
217	9:15 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
217	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
217	9:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
217	10:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
217	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
217	10:30 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
217	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
217	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
217	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
217	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
217	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0

217	12:00 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
217	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
217	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
217	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
217	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
217	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
217	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
217	1:45 PM	0.25	4.0	1623	406	4.2	1697	424	0.2	73.8	18.4
217	2:00 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
217	2:15 PM	0.25	6.0	2434	609	6.4	2582	645	0.4	147.6	36.9
217	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
217	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
217	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
217	3:15 PM	0.25	9.5	3807	952	10.3	4146	1036	0.8	339.4	84.8
217	3:30 PM	0.25	9.6	3880	970	10.9	4382	1096	1.3	501.7	125.4
217	3:45 PM	0.25	11.9	4810	1202	12.9	5179	1295	0.9	368.9	92.2
217	4:00 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
217	4:15 PM	0.25	15.0	6034	1509	16.2	6536	1634	1.3	501.6	125.4
217	4:30 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
217	4:45 PM	0.25	19.7	7952	1988	21.3	8587	2147	1.6	634.4	158.6
217	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
217	5:15 PM	0.25	23.0	9251	2313	25.3	10180	2545	2.3	929.5	232.4
217	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
217	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
217	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
217	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
217	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
217	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
217	7:00 PM	0.23	70.3	28299	6385	71.9	28977	6538	1.7	678.7	153.2
217	7:13 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
218	7:18 AM	0.19	49.1	19756	3752	49.1	19756	3752	0.0	0.0	0.0
218	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
218	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
218	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
218	8:15 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
218	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
218	8:45 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
218	9:00 AM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
218	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
218	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
218	9:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
218	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
218	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
218	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
218	10:45 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
218	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
218	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
218	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
218	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
218	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
218	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
218	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
218	12:45 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
218	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
218	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
218	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
218	1:45 PM	0.25	4.0	1623	406	4.2	1697	424	0.2	73.8	18.4
218	2:00 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
218	2:15 PM	0.25	6.0	2434	609	6.4	2582	645	0.4	147.6	36.9
218	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
218	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
218	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
218	3:15 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
218	3:30 PM	0.25	10.3	4161	1040	11.3	4559	1140	1.0	398.4	99.6
218	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
218	4:00 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
218	4:15 PM	0.25	15.0	6034	1509	16.2	6536	1634	1.3	501.6	125.4

218	4:30 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
218	4:45 PM	0.25	19.7	7952	1988	21.3	8587	2147	1.6	634.4	158.6
218	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
218	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
218	5:30 PM	0.25	26.8	10800	2700	28.8	11582	2895	1.9	782.0	195.5
218	5:45 PM	0.25	29.1	11700	2925	31.6	12718	3179	2.5	1018.0	254.5
218	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
218	6:15 PM	0.25	37.6	15152	3788	40.7	16377	4094	3.0	1224.6	306.1
218	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
218	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
218	7:00 PM	0.21	70.3	28299	5869	71.9	28977	6010	1.7	678.7	140.8
218	7:12 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
219	7:19 AM	0.18	49.1	19756	3470	49.1	19756	3470	0.0	0.0	0.0
219	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
219	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
219	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
219	8:15 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
219	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
219	8:45 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
219	9:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
219	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
219	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
219	9:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
219	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
219	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
219	10:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
219	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
219	11:00 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
219	11:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
219	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
219	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
219	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
219	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
219	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
219	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
219	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
219	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
219	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
219	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
219	2:00 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
219	2:15 PM	0.25	5.7	2302	575	6.0	2405	601	0.3	103.3	25.8
219	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
219	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
219	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
219	3:15 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
219	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
219	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
219	4:00 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
219	4:15 PM	0.25	15.0	6034	1509	16.2	6536	1634	1.3	501.6	125.4
219	4:30 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
219	4:45 PM	0.25	19.7	7952	1988	21.3	8587	2147	1.6	634.4	158.6
219	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
219	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
219	5:30 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
219	5:45 PM	0.25	32.0	12895	3224	34.5	13898	3475	2.5	1003.3	250.8
219	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
219	6:15 PM	0.25	42.5	17115	4279	45.5	18339	4585	3.0	1224.6	306.2
219	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
219	6:45 PM	0.25	53.3	21452	5363	56.3	22662	5666	3.0	1209.9	302.5
219	7:00 PM	0.19	70.3	28299	5343	71.9	28977	5471	1.7	678.7	128.2
219	7:11 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
220	7:20 AM	0.16	49.1	19756	3187	49.1	19756	3187	0.0	0.0	0.0
220	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0

220	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
220	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
220	8:15 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
220	8:30 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
220	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
220	9:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
220	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
220	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
220	9:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
220	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
220	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
220	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
220	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
220	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
220	11:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
220	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
220	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
220	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
220	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
220	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
220	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
220	1:00 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
220	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
220	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
220	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
220	2:00 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
220	2:15 PM	0.25	5.7	2302	575	6.0	2405	601	0.3	103.3	25.8
220	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
220	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
220	3:00 PM	0.25	8.1	3261	815	8.5	3423	856	0.4	162.3	40.6
220	3:15 PM	0.25	9.4	3777	944	10.2	4087	1022	0.8	309.8	77.5
220	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
220	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
220	4:00 PM	0.25	12.9	5193	1298	13.6	5459	1365	0.7	265.6	66.4
220	4:15 PM	0.25	15.0	6034	1509	16.2	6536	1634	1.3	501.6	125.4
220	4:30 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
220	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
220	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
220	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
220	5:30 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
220	5:45 PM	0.25	32.0	12895	3224	34.5	13898	3475	2.5	1003.3	250.8
220	6:00 PM	0.25	34.1	13736	3434	37.2	14975	3744	3.1	1239.3	309.8
220	6:15 PM	0.25	42.5	17115	4279	45.5	18339	4585	3.0	1224.6	306.2
220	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
220	6:45 PM	0.25	62.2	25053	6263	65.2	26248	6562	3.0	1195.2	298.8
220	7:00 PM	0.17	70.3	28299	4807	71.9	28977	4922	1.7	678.7	115.3
220	7:10 PM	0.00	88.8	35750	0	88.9	35794	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
221	7:21 AM	0.15	49.2	19815	2913	49.2	19815	2913	0.0	0.0	0.0
221	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
221	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
221	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
221	8:15 AM	0.25	19.9	7997	1999	19.9	7997	1999	0.0	0.0	0.0
221	8:30 AM	0.25	13.7	5518	1380	13.7	5518	1380	0.0	0.0	0.0
221	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
221	9:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
221	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
221	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
221	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
221	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
221	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
221	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
221	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
221	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
221	11:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
221	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
221	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
221	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0

221	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
221	12:30 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
221	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
221	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
221	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
221	1:30 PM	0.25	2.2	900	225	2.2	900	225	0.0	0.0	0.0
221	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
221	2:00 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
221	2:15 PM	0.25	5.7	2302	575	6.0	2405	601	0.3	103.3	25.8
221	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
221	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
221	3:00 PM	0.25	8.2	3290	823	8.5	3423	856	0.3	132.8	33.2
221	3:15 PM	0.25	9.5	3836	959	10.7	4293	1073	1.1	457.4	114.4
221	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
221	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
221	4:00 PM	0.25	13.7	5503	1376	14.7	5931	1483	1.1	427.9	107.0
221	4:15 PM	0.25	14.8	5946	1486	15.9	6403	1601	1.1	457.4	114.3
221	4:30 PM	0.25	16.7	6713	1678	18.1	7303	1826	1.5	590.2	147.5
221	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
221	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
221	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
221	5:30 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
221	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
221	6:00 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
221	6:15 PM	0.25	42.5	17115	4279	45.5	18339	4585	3.0	1224.6	306.2
221	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
221	6:45 PM	0.25	62.2	25053	6263	65.2	26248	6562	3.0	1195.2	298.8
221	7:00 PM	0.15	70.3	28299	4262	71.9	28977	4364	1.7	678.7	102.2
221	7:09 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
222	7:22 AM	0.13	49.2	19815	2629	49.2	19815	2629	0.0	0.0	0.0
222	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
222	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
222	8:00 AM	0.25	24.3	9782	2445	24.3	9782	2445	0.0	0.0	0.0
222	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
222	8:30 AM	0.25	13.7	5518	1380	13.7	5518	1380	0.0	0.0	0.0
222	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
222	9:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
222	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
222	9:30 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
222	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
222	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
222	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
222	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
222	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
222	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
222	11:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
222	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
222	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
222	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
222	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
222	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
222	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
222	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
222	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
222	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
222	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
222	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
222	2:15 PM	0.25	5.7	2302	575	6.0	2405	601	0.3	103.3	25.8
222	2:30 PM	0.25	6.7	2700	675	7.3	2921	730	0.6	221.3	55.3
222	2:45 PM	0.25	7.4	2995	749	7.7	3098	775	0.3	103.3	25.8
222	3:00 PM	0.25	8.2	3290	823	8.5	3423	856	0.3	132.8	33.2
222	3:15 PM	0.25	9.5	3836	959	10.7	4293	1073	1.1	457.4	114.4
222	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
222	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
222	4:00 PM	0.25	13.7	5503	1376	14.7	5931	1483	1.1	427.9	107.0
222	4:15 PM	0.25	14.8	5946	1486	15.9	6403	1601	1.1	457.4	114.3
222	4:30 PM	0.25	17.8	7156	1789	19.1	7687	1922	1.3	531.2	132.8

222	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
222	5:00 PM	0.25	21.0	8469	2117	22.9	9236	2309	1.9	767.2	191.8
222	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
222	5:30 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
222	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
222	6:00 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
222	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
222	6:30 PM	0.25	47.8	19269	4817	50.6	20390	5098	2.8	1121.4	280.3
222	6:45 PM	0.25	62.2	25053	6263	65.2	26248	6562	3.0	1195.2	298.8
222	7:00 PM	0.13	70.3	28299	3707	71.9	28977	3796	1.7	678.7	88.9
222	7:07 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
223	7:22 AM	0.12	49.2	19815	2345	49.2	19815	2345	0.0	0.0	0.0
223	7:30 AM	0.25	41.1	16539	4135	41.1	16539	4135	0.0	0.0	0.0
223	7:45 AM	0.25	34.2	13765	3441	34.2	13765	3441	0.0	0.0	0.0
223	8:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
223	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
223	8:30 AM	0.25	13.7	5518	1380	13.7	5518	1380	0.0	0.0	0.0
223	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
223	9:00 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
223	9:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
223	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
223	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
223	10:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
223	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
223	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
223	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
223	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
223	11:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
223	11:30 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
223	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
223	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
223	12:15 PM	0.25	3.1	1254	314	3.1	1254	314	0.0	0.0	0.0
223	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
223	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
223	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
223	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
223	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
223	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
223	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
223	2:15 PM	0.25	5.7	2302	575	6.0	2405	601	0.3	103.3	25.8
223	2:30 PM	0.25	6.6	2671	668	7.2	2892	723	0.6	221.3	55.3
223	2:45 PM	0.25	7.6	3039	760	7.9	3187	797	0.4	147.6	36.9
223	3:00 PM	0.25	8.9	3600	900	9.7	3895	974	0.7	295.1	73.8
223	3:15 PM	0.25	9.5	3836	959	10.7	4293	1073	1.1	457.4	114.4
223	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
223	3:45 PM	0.25	11.7	4692	1173	12.6	5061	1265	0.9	368.8	92.2
223	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
223	4:15 PM	0.25	14.8	5946	1486	15.9	6403	1601	1.1	457.4	114.3
223	4:30 PM	0.25	17.8	7156	1789	19.1	7687	1922	1.3	531.2	132.8
223	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
223	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
223	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
223	5:30 PM	0.25	27.0	10888	2722	28.9	11641	2910	1.9	752.5	188.1
223	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
223	6:00 PM	0.25	34.5	13883	3471	37.6	15123	3781	3.1	1239.3	309.8
223	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
223	6:30 PM	0.25	47.6	19165	4791	50.7	20420	5105	3.1	1254.2	313.5
223	6:45 PM	0.25	62.2	25053	6263	65.2	26248	6562	3.0	1195.2	298.8
223	7:00 PM	0.11	70.3	28299	3144	71.9	28977	3219	1.7	678.7	75.4
223	7:06 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
224	7:23 AM	0.10	49.2	19815	2061	49.2	19815	2061	0.0	0.0	0.0
224	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
224	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0

224	8:00 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
224	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
224	8:30 AM	0.25	13.7	5518	1380	13.7	5518	1380	0.0	0.0	0.0
224	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
224	9:00 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
224	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
224	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
224	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
224	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
224	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
224	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
224	10:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
224	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
224	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
224	11:30 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
224	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
224	12:00 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
224	12:15 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
224	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
224	12:45 PM	0.25	3.6	1431	358	3.6	1431	358	0.0	0.0	0.0
224	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
224	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
224	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
224	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
224	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
224	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
224	2:30 PM	0.25	6.6	2671	668	7.2	2892	723	0.6	221.3	55.3
224	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
224	3:00 PM	0.25	8.9	3600	900	9.7	3895	974	0.7	295.1	73.8
224	3:15 PM	0.25	9.5	3836	959	10.4	4175	1044	0.9	339.3	84.8
224	3:30 PM	0.25	10.2	4116	1029	11.3	4530	1132	1.0	413.1	103.3
224	3:45 PM	0.25	12.4	4987	1247	13.2	5297	1324	0.8	309.8	77.5
224	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
224	4:15 PM	0.25	14.8	5946	1486	15.9	6403	1601	1.1	457.4	114.3
224	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
224	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
224	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
224	5:15 PM	0.25	24.7	9959	2490	27.2	10947	2737	2.5	988.5	247.1
224	5:30 PM	0.25	28.9	11656	2914	31.5	12674	3168	2.5	1018.0	254.5
224	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
224	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
224	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
224	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
224	6:45 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
224	7:00 PM	0.09	70.3	28299	2572	71.9	28977	2633	1.7	678.7	61.7
224	7:05 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
225	7:24 AM	0.09	49.2	19815	1776	49.2	19815	1776	0.0	0.0	0.0
225	7:30 AM	0.25	41.4	16657	4164	41.4	16657	4164	0.0	0.0	0.0
225	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
225	8:00 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0
225	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
225	8:30 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
225	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
225	9:00 AM	0.25	10.1	4057	1014	10.1	4057	1014	0.0	0.0	0.0
225	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
225	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
225	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
225	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
225	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
225	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
225	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
225	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
225	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
225	11:30 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
225	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
225	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
225	12:15 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0

225	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
225	12:45 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
225	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
225	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
225	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
225	1:45 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
225	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
225	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
225	2:30 PM	0.25	7.1	2862	716	7.6	3039	760	0.4	177.1	44.3
225	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
225	3:00 PM	0.25	8.9	3600	900	9.7	3895	974	0.7	295.1	73.8
225	3:15 PM	0.25	9.5	3836	959	10.4	4175	1044	0.9	339.3	84.8
225	3:30 PM	0.25	10.3	4131	1033	11.3	4559	1140	1.1	427.9	107.0
225	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
225	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
225	4:15 PM	0.25	14.8	5946	1486	15.9	6403	1601	1.1	457.4	114.3
225	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
225	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
225	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
225	5:15 PM	0.25	25.3	10180	2545	27.7	11139	2785	2.4	959.0	239.8
225	5:30 PM	0.25	28.9	11656	2914	31.5	12674	3168	2.5	1018.0	254.5
225	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
225	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
225	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
225	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
225	6:45 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
225	7:00 PM	0.07	86.3	34776	2447	86.5	34820	2450	0.1	44.3	3.1
225	7:04 PM	0.00	87.2	35130	0	87.3	35145	0	0.0	14.7	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
226	7:25 AM	0.08	49.2	19815	1492	49.2	19815	1492	0.0	0.0	0.0
226	7:30 AM	0.25	50.4	20287	5072	50.4	20287	5072	0.0	0.0	0.0
226	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
226	8:00 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0
226	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
226	8:30 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
226	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
226	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
226	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
226	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
226	9:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
226	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
226	10:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
226	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
226	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
226	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
226	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
226	11:30 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
226	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
226	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
226	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
226	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
226	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
226	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
226	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
226	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
226	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
226	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
226	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
226	2:30 PM	0.25	7.1	2862	716	7.6	3039	760	0.4	177.1	44.3
226	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
226	3:00 PM	0.25	8.9	3600	900	9.7	3895	974	0.7	295.1	73.8
226	3:15 PM	0.25	9.5	3836	959	10.4	4175	1044	0.9	339.3	84.8
226	3:30 PM	0.25	10.3	4131	1033	11.3	4559	1140	1.1	427.9	107.0
226	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
226	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
226	4:15 PM	0.25	15.9	6403	1601	17.2	6920	1730	1.3	516.4	129.1
226	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
226	4:45 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0

226	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
226	5:15 PM	0.25	25.3	10180	2545	27.7	11139	2785	2.4	959.0	239.8
226	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
226	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
226	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
226	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
226	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
226	6:45 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
226	7:00 PM	0.05	86.3	34776	1723	86.5	34820	1725	0.1	44.3	2.2
226	7:02 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
227	7:26 AM	0.06	50.4	20287	1237	50.4	20287	1237	0.0	0.0	0.0
227	7:30 AM	0.25	50.4	20287	5072	50.4	20287	5072	0.0	0.0	0.0
227	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
227	8:00 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0
227	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
227	8:30 AM	0.25	17.1	6875	1719	17.1	6875	1719	0.0	0.0	0.0
227	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
227	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
227	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
227	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
227	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
227	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
227	10:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
227	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
227	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
227	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
227	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
227	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
227	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
227	12:00 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
227	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
227	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
227	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
227	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
227	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
227	1:30 PM	0.25	2.2	885	221	2.5	1018	255	0.3	132.8	33.2
227	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
227	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
227	2:15 PM	0.25	6.0	2420	605	6.4	2567	642	0.4	147.5	36.9
227	2:30 PM	0.25	7.1	2862	716	7.6	3039	760	0.4	177.1	44.3
227	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
227	3:00 PM	0.25	8.9	3600	900	9.7	3895	974	0.7	295.1	73.8
227	3:15 PM	0.25	9.5	3836	959	10.4	4175	1044	0.9	339.3	84.8
227	3:30 PM	0.25	11.0	4426	1107	12.3	4943	1236	1.3	516.4	129.1
227	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
227	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
227	4:15 PM	0.25	15.9	6403	1601	17.2	6920	1730	1.3	516.4	129.1
227	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
227	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
227	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
227	5:15 PM	0.25	25.3	10180	2545	27.7	11139	2785	2.4	959.0	239.8
227	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
227	5:45 PM	0.25	31.8	12806	3202	34.2	13765	3441	2.4	959.0	239.7
227	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
227	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
227	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
227	6:45 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
227	7:00 PM	0.03	86.3	34776	989	86.5	34820	990	0.1	44.3	1.3
227	7:01 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
228	7:27 AM	0.05	50.4	20287	946	50.4	20287	946	0.0	0.0	0.0
228	7:30 AM	0.25	50.4	20287	5072	50.4	20287	5072	0.0	0.0	0.0
228	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
228	8:00 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0

228	8:15 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
228	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
228	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
228	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
228	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
228	9:30 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
228	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
228	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
228	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
228	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
228	10:45 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
228	11:00 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
228	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
228	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
228	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
228	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
228	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
228	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
228	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
228	1:00 PM	0.25	1.8	738	184	1.8	738	184	0.0	0.0	0.0
228	1:15 PM	0.25	1.9	782	195	1.9	782	195	0.0	0.0	0.0
228	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
228	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
228	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
228	2:15 PM	0.25	6.0	2420	605	6.4	2567	642	0.4	147.5	36.9
228	2:30 PM	0.25	7.1	2862	716	7.6	3039	760	0.4	177.1	44.3
228	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
228	3:00 PM	0.25	8.6	3452	863	9.2	3689	922	0.6	236.1	59.0
228	3:15 PM	0.25	9.5	3836	959	10.4	4175	1044	0.9	339.3	84.8
228	3:30 PM	0.25	11.0	4426	1107	12.3	4943	1236	1.3	516.4	129.1
228	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
228	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
228	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
228	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
228	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
228	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
228	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
228	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
228	5:45 PM	0.25	32.0	12895	3224	34.5	13913	3478	2.5	1018.0	254.5
228	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
228	6:15 PM	0.25	42.9	17262	4316	46.2	18605	4651	3.3	1342.6	335.7
228	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
228	6:45 PM	0.25	63.4	25554	6389	67.1	27045	6761	3.7	1490.3	372.6
228	7:00 PM	0.01	86.3	34776	245	86.5	34820	246	0.1	44.3	0.3
228	7:00 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
229	7:28 AM	0.03	50.4	20287	656	50.4	20287	656	0.0	0.0	0.0
229	7:30 AM	0.25	50.4	20287	5072	50.4	20287	5072	0.0	0.0	0.0
229	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
229	8:00 AM	0.25	28.9	11641	2910	28.9	11641	2910	0.0	0.0	0.0
229	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
229	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
229	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
229	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
229	9:15 AM	0.25	7.3	2951	738	7.3	2951	738	0.0	0.0	0.0
229	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
229	9:45 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
229	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
229	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
229	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
229	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
229	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
229	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
229	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
229	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
229	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
229	12:15 PM	0.25	3.5	1416	354	3.5	1416	354	0.0	0.0	0.0
229	12:30 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0

229	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
229	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
229	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
229	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
229	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
229	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
229	2:15 PM	0.25	6.0	2420	605	6.4	2567	642	0.4	147.5	36.9
229	2:30 PM	0.25	7.1	2862	716	7.6	3039	760	0.4	177.1	44.3
229	2:45 PM	0.25	7.6	3069	767	8.0	3216	804	0.4	147.6	36.9
229	3:00 PM	0.25	8.6	3452	863	9.2	3689	922	0.6	236.1	59.0
229	3:15 PM	0.25	9.9	3969	992	11.1	4456	1114	1.2	486.9	121.7
229	3:30 PM	0.25	11.0	4426	1107	12.3	4943	1236	1.3	516.4	129.1
229	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
229	4:00 PM	0.25	13.3	5356	1339	14.2	5725	1431	0.9	368.8	92.2
229	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
229	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
229	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
229	5:00 PM	0.25	23.3	9384	2346	25.5	10284	2571	2.2	900.0	225.0
229	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
229	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
229	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
229	6:00 PM	0.25	38.5	15492	3873	41.8	16820	4205	3.3	1327.8	332.0
229	6:15 PM	0.25	48.0	19342	4836	51.7	20818	5205	3.7	1475.5	368.9
229	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
229	6:45 PM	0.24	71.8	28904	6804	73.9	29774	7009	2.2	870.5	204.9
229	6:59 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
230	7:28 AM	0.02	50.4	20287	366	50.4	20287	366	0.0	0.0	0.0
230	7:30 AM	0.25	50.4	20287	5072	50.4	20287	5072	0.0	0.0	0.0
230	7:45 AM	0.25	34.5	13883	3471	34.5	13883	3471	0.0	0.0	0.0
230	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
230	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
230	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
230	8:45 AM	0.25	10.6	4279	1070	10.6	4279	1070	0.0	0.0	0.0
230	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
230	9:15 AM	0.25	7.7	3098	775	7.7	3098	775	0.0	0.0	0.0
230	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
230	9:45 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
230	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
230	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
230	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
230	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
230	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
230	11:15 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
230	11:30 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
230	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
230	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
230	12:15 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
230	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
230	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
230	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
230	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
230	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
230	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
230	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
230	2:15 PM	0.25	6.0	2420	605	6.4	2567	642	0.4	147.5	36.9
230	2:30 PM	0.25	6.8	2730	682	7.3	2936	734	0.5	206.6	51.6
230	2:45 PM	0.25	7.7	3098	775	8.1	3246	811	0.4	147.5	36.9
230	3:00 PM	0.25	8.6	3452	863	9.2	3689	922	0.6	236.1	59.0
230	3:15 PM	0.25	9.9	3969	992	11.1	4456	1114	1.2	486.9	121.7
230	3:30 PM	0.25	11.0	4426	1107	12.3	4943	1236	1.3	516.4	129.1
230	3:45 PM	0.25	12.4	5002	1250	13.5	5430	1357	1.1	427.9	107.0
230	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
230	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
230	4:30 PM	0.25	17.4	7008	1752	18.8	7584	1896	1.4	575.4	143.9
230	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
230	5:00 PM	0.25	23.2	9354	2339	25.4	10225	2556	2.2	870.5	217.6
230	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4

230	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
230	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
230	6:00 PM	0.25	38.5	15506	3877	41.9	16879	4220	3.4	1372.1	343.0
230	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
230	6:30 PM	0.25	54.6	21998	5500	58.5	23577	5894	3.9	1578.8	394.7
230	6:45 PM	0.21	71.8	28904	6171	73.9	29774	6357	2.2	870.5	185.8
230	6:57 PM	0.00	86.3	34776	0	86.5	34820	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
231	7:29 AM	0.00	51.3	20656	77	51.3	20656	77	0.0	0.0	0.0
231	7:30 AM	0.25	51.3	20656	5164	51.3	20656	5164	0.0	0.0	0.0
231	7:45 AM	0.25	35.0	14105	3526	35.0	14105	3526	0.0	0.0	0.0
231	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
231	8:15 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
231	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
231	8:45 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
231	9:00 AM	0.25	9.7	3895	974	9.7	3895	974	0.0	0.0	0.0
231	9:15 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
231	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
231	9:45 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
231	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
231	10:15 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
231	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
231	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
231	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
231	11:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
231	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
231	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
231	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
231	12:15 PM	0.25	3.0	1225	306	3.0	1225	306	0.0	0.0	0.0
231	12:30 PM	0.25	3.4	1372	343	3.4	1372	343	0.0	0.0	0.0
231	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
231	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
231	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
231	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
231	1:45 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
231	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
231	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
231	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
231	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
231	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
231	3:15 PM	0.25	9.7	3910	977	10.7	4323	1081	1.0	413.1	103.3
231	3:30 PM	0.25	11.0	4426	1107	12.3	4943	1236	1.3	516.4	129.1
231	3:45 PM	0.25	12.1	4884	1221	13.5	5430	1357	1.4	545.9	136.5
231	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
231	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
231	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
231	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
231	5:00 PM	0.25	23.2	9354	2339	25.4	10225	2556	2.2	870.5	217.6
231	5:15 PM	0.25	27.5	11065	2766	29.8	11995	2999	2.3	929.5	232.4
231	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
231	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
231	6:00 PM	0.25	38.5	15506	3877	41.9	16879	4220	3.4	1372.1	343.0
231	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
231	6:30 PM	0.25	54.8	22057	5514	59.5	23961	5990	4.7	1903.4	475.8
231	6:45 PM	0.19	71.8	28904	5530	73.9	29774	5697	2.2	870.5	166.6
231	6:56 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
232	7:30 AM	0.24	51.3	20656	4946	51.3	20656	4946	0.0	0.0	0.0
232	7:45 AM	0.25	43.4	17483	4371	43.4	17483	4371	0.0	0.0	0.0
232	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
232	8:15 AM	0.25	24.1	9708	2427	24.1	9708	2427	0.0	0.0	0.0
232	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
232	8:45 AM	0.25	13.4	5385	1346	13.4	5385	1346	0.0	0.0	0.0
232	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
232	9:15 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0

232	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
232	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
232	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
232	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
232	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
232	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
232	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
232	11:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
232	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
232	11:45 AM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
232	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
232	12:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
232	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
232	12:45 PM	0.25	3.3	1343	336	3.3	1343	336	0.0	0.0	0.0
232	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
232	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
232	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
232	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
232	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
232	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
232	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
232	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
232	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
232	3:15 PM	0.25	9.7	3910	977	10.7	4323	1081	1.0	413.1	103.3
232	3:30 PM	0.25	10.8	4338	1084	11.9	4780	1195	1.1	442.6	110.7
232	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
232	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
232	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
232	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
232	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
232	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
232	5:15 PM	0.25	27.5	11065	2766	29.6	11906	2977	2.1	841.0	210.3
232	5:30 PM	0.25	29.2	11774	2943	31.7	12762	3191	2.5	988.5	247.1
232	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
232	6:00 PM	0.25	38.5	15506	3877	41.9	16879	4220	3.4	1372.1	343.0
232	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
232	6:30 PM	0.25	54.8	22057	5514	59.5	23961	5990	4.7	1903.4	475.8
232	6:45 PM	0.17	72.3	29110	4917	75.1	30246	5109	2.8	1136.2	191.9
232	6:55 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
233	7:31 AM	0.23	51.3	20656	4652	51.3	20656	4652	0.0	0.0	0.0
233	7:45 AM	0.25	43.4	17483	4371	43.4	17483	4371	0.0	0.0	0.0
233	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
233	8:15 AM	0.25	24.1	9708	2427	24.1	9708	2427	0.0	0.0	0.0
233	8:30 AM	0.25	17.0	6846	1711	17.0	6846	1711	0.0	0.0	0.0
233	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
233	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
233	9:15 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
233	9:30 AM	0.25	7.2	2892	723	7.2	2892	723	0.0	0.0	0.0
233	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
233	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
233	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
233	10:30 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
233	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
233	11:00 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
233	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
233	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
233	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
233	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
233	12:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
233	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
233	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
233	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
233	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
233	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
233	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
233	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
233	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6

233	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
233	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
233	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
233	3:15 PM	0.25	9.7	3910	977	10.7	4323	1081	1.0	413.1	103.3
233	3:30 PM	0.25	10.8	4338	1084	11.9	4780	1195	1.1	442.6	110.7
233	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
233	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
233	4:15 PM	0.25	15.6	6285	1571	16.9	6802	1700	1.3	516.4	129.1
233	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
233	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
233	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
233	5:15 PM	0.25	27.5	11065	2766	29.6	11906	2977	2.1	841.0	210.3
233	5:30 PM	0.25	32.1	12910	3227	34.7	13957	3489	2.6	1047.5	261.9
233	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
233	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
233	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
233	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
233	6:45 PM	0.15	72.3	29110	4258	75.1	30246	4425	2.8	1136.2	166.2
233	6:53 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
234	7:32 AM	0.21	51.3	20656	4358	51.3	20656	4358	0.0	0.0	0.0
234	7:45 AM	0.25	43.4	17483	4371	43.4	17483	4371	0.0	0.0	0.0
234	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
234	8:15 AM	0.25	24.1	9708	2427	24.1	9708	2427	0.0	0.0	0.0
234	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
234	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
234	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
234	9:15 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
234	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
234	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
234	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
234	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
234	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
234	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
234	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
234	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
234	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
234	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
234	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
234	12:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
234	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
234	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
234	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
234	1:15 PM	0.25	1.8	723	181	1.8	723	181	0.0	0.0	0.0
234	1:30 PM	0.25	2.3	930	232	2.6	1048	262	0.3	118.0	29.5
234	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
234	2:00 PM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
234	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
234	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
234	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
234	3:00 PM	0.25	9.3	3762	941	10.0	4028	1007	0.7	265.6	66.4
234	3:15 PM	0.25	9.7	3910	977	10.7	4323	1081	1.0	413.1	103.3
234	3:30 PM	0.25	10.8	4338	1084	11.9	4780	1195	1.1	442.6	110.7
234	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
234	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
234	4:15 PM	0.25	16.3	6580	1645	18.0	7259	1815	1.7	678.7	169.7
234	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
234	4:45 PM	0.25	21.0	8454	2114	23.1	9295	2324	2.1	841.0	210.2
234	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
234	5:15 PM	0.25	27.5	11065	2766	29.6	11906	2977	2.1	841.0	210.3
234	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
234	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
234	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
234	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
234	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
234	6:45 PM	0.12	72.3	29110	3593	75.1	30246	3733	2.8	1136.2	140.2
234	6:52 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
235	7:33 AM	0.20	51.3	20656	4064	51.3	20656	4064	0.0	0.0	0.0
235	7:45 AM	0.25	43.4	17483	4371	43.4	17483	4371	0.0	0.0	0.0
235	8:00 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
235	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
235	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
235	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
235	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
235	9:15 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
235	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
235	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
235	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
235	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
235	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
235	10:45 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
235	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
235	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
235	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
235	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
235	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
235	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
235	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
235	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
235	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
235	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
235	1:30 PM	0.25	2.3	944	236	2.7	1092	273	0.4	147.5	36.9
235	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
235	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
235	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
235	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
235	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
235	3:00 PM	0.25	9.1	3674	918	9.9	3998	1000	0.8	324.6	81.1
235	3:15 PM	0.25	9.7	3910	977	10.7	4323	1081	1.0	413.1	103.3
235	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
235	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
235	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
235	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
235	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
235	4:45 PM	0.25	20.6	8277	2069	22.4	9015	2254	1.8	737.7	184.4
235	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
235	5:15 PM	0.25	27.5	11065	2766	29.6	11906	2977	2.1	841.0	210.3
235	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
235	5:45 PM	0.25	34.6	13928	3482	37.8	15211	3803	3.2	1283.6	320.9
235	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
235	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
235	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
235	6:45 PM	0.10	72.3	29110	2920	75.1	30246	3034	2.8	1136.2	114.0
235	6:51 PM	0.00	85.5	34422	0	85.5	34437	0	0.0	14.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
236	7:34 AM	0.18	52.4	21098	3852	52.4	21098	3852	0.0	0.0	0.0
236	7:45 AM	0.25	43.4	17483	4371	43.4	17483	4371	0.0	0.0	0.0
236	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
236	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
236	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
236	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
236	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
236	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
236	9:30 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
236	9:45 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
236	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
236	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
236	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
236	10:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
236	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
236	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
236	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0

236	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
236	12:00 PM	0.25	4.2	1682	420	4.2	1682	420	0.0	0.0	0.0
236	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
236	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
236	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
236	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
236	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
236	1:30 PM	0.25	2.3	944	236	2.7	1092	273	0.4	147.5	36.9
236	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
236	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
236	2:15 PM	0.25	6.0	2434	609	6.5	2597	649	0.4	162.3	40.6
236	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
236	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
236	3:00 PM	0.25	9.1	3674	918	9.9	3998	1000	0.8	324.6	81.1
236	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
236	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
236	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
236	4:00 PM	0.25	13.9	5607	1402	15.2	6138	1534	1.3	531.2	132.8
236	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
236	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
236	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
236	5:00 PM	0.25	25.1	10107	2527	27.3	10992	2748	2.2	885.2	221.3
236	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
236	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
236	5:45 PM	0.25	34.8	14031	3508	37.7	15182	3795	2.9	1150.8	287.7
236	6:00 PM	0.25	42.9	17277	4319	46.9	18900	4725	4.0	1623.0	405.7
236	6:15 PM	0.25	48.2	19416	4854	52.6	21202	5300	4.4	1785.4	446.3
236	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
236	6:45 PM	0.08	72.3	29110	2242	75.1	30246	2330	2.8	1136.2	87.5
236	6:49 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
237	7:34 AM	0.17	52.4	21098	3553	52.4	21098	3553	0.0	0.0	0.0
237	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
237	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
237	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
237	8:30 AM	0.25	17.7	7126	1782	17.7	7126	1782	0.0	0.0	0.0
237	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
237	9:00 AM	0.25	10.0	4043	1011	10.0	4043	1011	0.0	0.0	0.0
237	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
237	9:30 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
237	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
237	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
237	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
237	10:30 AM	0.25	5.7	2287	572	5.7	2287	572	0.0	0.0	0.0
237	10:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
237	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
237	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
237	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
237	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
237	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
237	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
237	12:30 PM	0.25	3.2	1298	325	3.2	1298	325	0.0	0.0	0.0
237	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
237	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
237	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
237	1:30 PM	0.25	2.3	944	236	2.7	1092	273	0.4	147.5	36.9
237	1:45 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
237	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
237	2:15 PM	0.25	6.3	2552	638	6.9	2774	693	0.6	221.3	55.3
237	2:30 PM	0.25	7.1	2877	719	7.6	3054	764	0.4	177.1	44.3
237	2:45 PM	0.25	7.7	3113	778	8.2	3305	826	0.5	191.8	48.0
237	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
237	3:15 PM	0.25	10.7	4308	1077	11.6	4662	1166	0.9	354.1	88.5
237	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
237	3:45 PM	0.25	12.8	5134	1284	13.9	5592	1398	1.1	457.4	114.3
237	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
237	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
237	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1

237	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
237	5:00 PM	0.25	24.5	9885	2471	27.0	10859	2715	2.4	973.7	243.4
237	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
237	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
237	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
237	6:00 PM	0.25	42.8	17218	4304	46.7	18797	4699	3.9	1578.7	394.7
237	6:15 PM	0.25	55.2	22249	5562	60.4	24315	6079	5.1	2065.7	516.4
237	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
237	6:45 PM	0.05	86.9	34983	1872	87.0	35027	1875	0.1	44.3	2.4
237	6:48 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
238	7:35 AM	0.15	52.4	21098	3254	52.4	21098	3254	0.0	0.0	0.0
238	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
238	8:00 AM	0.25	29.0	11685	2921	29.0	11685	2921	0.0	0.0	0.0
238	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
238	8:30 AM	0.25	20.2	8144	2036	20.2	8144	2036	0.0	0.0	0.0
238	8:45 AM	0.25	13.0	5223	1306	13.0	5223	1306	0.0	0.0	0.0
238	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
238	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
238	9:30 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
238	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
238	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
238	10:15 AM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
238	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
238	10:45 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
238	11:00 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
238	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
238	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
238	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
238	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
238	12:15 PM	0.25	2.8	1121	280	2.8	1121	280	0.0	0.0	0.0
238	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
238	12:45 PM	0.25	3.5	1402	350	3.5	1402	350	0.0	0.0	0.0
238	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
238	1:15 PM	0.25	1.8	708	177	1.8	708	177	0.0	0.0	0.0
238	1:30 PM	0.25	2.3	944	236	2.7	1092	273	0.4	147.5	36.9
238	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
238	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
238	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
238	2:30 PM	0.25	7.7	3084	771	8.2	3320	830	0.6	236.1	59.0
238	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
238	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
238	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
238	3:30 PM	0.25	11.7	4707	1177	12.7	5120	1280	1.0	413.1	103.3
238	3:45 PM	0.25	12.7	5120	1280	14.2	5725	1431	1.5	604.9	151.2
238	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
238	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
238	4:30 PM	0.25	18.2	7348	1837	20.0	8056	2014	1.8	708.2	177.1
238	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
238	5:00 PM	0.25	24.5	9885	2471	27.0	10859	2715	2.4	973.7	243.4
238	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
238	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
238	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
238	6:00 PM	0.25	42.8	17218	4304	46.7	18797	4699	3.9	1578.7	394.7
238	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
238	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
238	6:45 PM	0.03	86.9	34983	1043	87.0	35027	1045	0.1	44.3	1.3
238	6:46 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
239	7:36 AM	0.14	52.4	21098	2956	52.4	21098	2956	0.0	0.0	0.0
239	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
239	8:00 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
239	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
239	8:30 AM	0.25	20.2	8144	2036	20.2	8144	2036	0.0	0.0	0.0
239	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0

239	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
239	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
239	9:30 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
239	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
239	10:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
239	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
239	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
239	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
239	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
239	11:15 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
239	11:30 AM	0.25	5.1	2066	516	5.1	2066	516	0.0	0.0	0.0
239	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
239	12:00 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
239	12:15 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
239	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
239	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
239	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
239	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
239	1:30 PM	0.25	2.3	944	236	2.7	1092	273	0.4	147.5	36.9
239	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
239	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
239	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
239	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
239	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
239	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
239	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
239	3:30 PM	0.25	11.5	4618	1155	12.4	5002	1250	0.9	383.6	95.9
239	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
239	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
239	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
239	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
239	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
239	5:00 PM	0.25	24.5	9885	2471	27.0	10859	2715	2.4	973.7	243.4
239	5:15 PM	0.25	30.5	12275	3069	32.6	13146	3286	2.2	870.5	217.6
239	5:30 PM	0.25	32.8	13205	3301	35.6	14356	3589	2.9	1150.8	287.7
239	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
239	6:00 PM	0.25	42.8	17218	4304	46.7	18797	4699	3.9	1578.7	394.7
239	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
239	6:30 PM	0.25	64.0	25790	6448	69.2	27871	6968	5.2	2080.5	520.1
239	6:45 PM	0.01	86.9	34983	208	87.0	35027	208	0.1	44.3	0.3
239	6:45 PM	0.00	86.9	34983	0	87.0	35027	0	0.1	44.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
240	7:37 AM	0.13	51.9	20921	2635	51.9	20921	2635	0.0	0.0	0.0
240	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
240	8:00 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
240	8:15 AM	0.25	24.1	9723	2431	24.1	9723	2431	0.0	0.0	0.0
240	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
240	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
240	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
240	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
240	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
240	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
240	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
240	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
240	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
240	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
240	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
240	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
240	11:30 AM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
240	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
240	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
240	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
240	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
240	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
240	1:00 PM	0.25	1.5	620	155	1.5	620	155	0.0	0.0	0.0
240	1:15 PM	0.25	1.9	767	192	1.9	767	192	0.0	0.0	0.0
240	1:30 PM	0.25	2.8	1121	280	3.3	1313	328	0.5	191.8	48.0
240	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0

240	2:00 PM	0.25	5.6	2257	564	5.6	2257	564	0.0	0.0	0.0
240	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
240	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
240	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
240	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
240	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
240	3:30 PM	0.25	11.5	4618	1155	12.4	5002	1250	0.9	383.6	95.9
240	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
240	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
240	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
240	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
240	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
240	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
240	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
240	5:30 PM	0.25	35.6	14326	3582	38.9	15654	3913	3.3	1327.9	332.0
240	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
240	6:00 PM	0.25	42.8	17218	4304	46.7	18797	4699	3.9	1578.7	394.7
240	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
240	6:30 PM	0.23	64.8	26100	6052	70.6	28432	6593	5.8	2331.3	540.6
240	6:43 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
241	7:38 AM	0.11	51.9	20921	2340	51.9	20921	2340	0.0	0.0	0.0
241	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
241	8:00 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
241	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
241	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
241	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
241	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
241	9:15 AM	0.25	8.8	3556	889	8.8	3556	889	0.0	0.0	0.0
241	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
241	9:45 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
241	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
241	10:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
241	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
241	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
241	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
241	11:15 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
241	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
241	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
241	12:00 PM	0.25	4.1	1652	413	4.1	1652	413	0.0	0.0	0.0
241	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
241	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
241	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
241	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
241	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
241	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
241	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
241	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
241	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
241	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
241	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
241	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
241	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
241	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
241	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
241	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
241	4:15 PM	0.25	16.3	6551	1638	18.0	7230	1807	1.7	678.7	169.7
241	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
241	4:45 PM	0.25	22.3	9000	2250	24.5	9885	2471	2.2	885.3	221.3
241	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
241	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
241	5:30 PM	0.25	35.6	14326	3582	38.9	15654	3913	3.3	1327.9	332.0
241	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
241	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
241	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
241	6:30 PM	0.21	73.6	29641	6155	76.7	30896	6415	3.1	1254.2	260.4
241	6:42 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
242	7:39 AM	0.10	51.9	20921	2046	51.9	20921	2046	0.0	0.0	0.0
242	7:45 AM	0.25	43.4	17498	4375	43.4	17498	4375	0.0	0.0	0.0
242	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
242	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
242	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
242	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
242	9:00 AM	0.25	11.3	4530	1132	11.3	4530	1132	0.0	0.0	0.0
242	9:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
242	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
242	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
242	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
242	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
242	10:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
242	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
242	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
242	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
242	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
242	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
242	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
242	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
242	12:30 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
242	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
242	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
242	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
242	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
242	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
242	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
242	2:15 PM	0.25	6.3	2552	638	6.8	2744	686	0.5	191.8	48.0
242	2:30 PM	0.25	7.6	3039	760	8.2	3305	826	0.7	265.6	66.4
242	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
242	3:00 PM	0.25	9.4	3792	948	10.1	4072	1018	0.7	280.3	70.1
242	3:15 PM	0.25	10.3	4131	1033	11.2	4515	1129	1.0	383.6	95.9
242	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
242	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
242	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
242	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
242	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
242	4:45 PM	0.25	22.0	8867	2217	24.0	9664	2416	2.0	796.7	199.2
242	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
242	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
242	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
242	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
242	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
242	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
242	6:30 PM	0.18	73.6	29641	5432	76.7	30896	5662	3.1	1254.2	229.8
242	6:40 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
243	7:39 AM	0.08	51.9	20921	1751	51.9	20921	1751	0.0	0.0	0.0
243	7:45 AM	0.25	43.6	17557	4389	43.6	17557	4389	0.0	0.0	0.0
243	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
243	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
243	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
243	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
243	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
243	9:15 AM	0.25	8.8	3541	885	8.8	3541	885	0.0	0.0	0.0
243	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
243	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
243	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
243	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
243	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
243	10:45 AM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
243	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
243	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
243	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
243	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0

243	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
243	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
243	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
243	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
243	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
243	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
243	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
243	1:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
243	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
243	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
243	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
243	2:45 PM	0.25	8.0	3216	804	8.9	3571	893	0.9	354.1	88.5
243	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
243	3:15 PM	0.25	11.1	4485	1121	12.4	4987	1247	1.2	501.6	125.4
243	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
243	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
243	4:00 PM	0.25	14.7	5931	1483	16.3	6566	1641	1.6	634.4	158.6
243	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
243	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
243	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
243	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6
243	5:15 PM	0.25	29.5	11862	2966	31.9	12836	3209	2.4	973.8	243.5
243	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
243	5:45 PM	0.25	39.1	15743	3936	42.7	17203	4301	3.6	1460.6	365.2
243	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
243	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
243	6:30 PM	0.16	73.6	29641	4704	76.7	30896	4903	3.1	1254.2	199.0
243	6:39 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
244	7:40 AM	0.07	51.9	20921	1457	51.9	20921	1457	0.0	0.0	0.0
244	7:45 AM	0.25	43.6	17557	4389	43.6	17557	4389	0.0	0.0	0.0
244	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
244	8:15 AM	0.25	23.7	9546	2386	23.7	9546	2386	0.0	0.0	0.0
244	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
244	8:45 AM	0.25	12.8	5164	1291	12.8	5164	1291	0.0	0.0	0.0
244	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
244	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
244	9:30 AM	0.25	7.7	3084	771	7.7	3084	771	0.0	0.0	0.0
244	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
244	10:00 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
244	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
244	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
244	10:45 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
244	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
244	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
244	11:30 AM	0.25	4.8	1948	487	4.8	1948	487	0.0	0.0	0.0
244	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
244	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
244	12:15 PM	0.25	2.6	1062	266	2.6	1062	266	0.0	0.0	0.0
244	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
244	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
244	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
244	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
244	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
244	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
244	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
244	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
244	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
244	2:45 PM	0.25	9.2	3689	922	9.7	3925	981	0.6	236.1	59.0
244	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
244	3:15 PM	0.25	11.1	4485	1121	12.4	4987	1247	1.2	501.6	125.4
244	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
244	3:45 PM	0.25	13.3	5370	1343	15.0	6034	1509	1.7	664.0	166.0
244	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
244	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
244	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
244	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
244	5:00 PM	0.25	26.7	10741	2685	28.8	11611	2903	2.2	870.5	217.6

244	5:15 PM	0.25	32.3	13013	3253	35.1	14120	3530	2.7	1106.5	276.6
244	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
244	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
244	6:00 PM	0.25	49.6	19977	4994	53.9	21703	5426	4.3	1726.4	431.6
244	6:15 PM	0.25	55.9	22530	5632	61.1	24610	6153	5.2	2080.5	520.1
244	6:30 PM	0.13	73.6	29641	3972	76.7	30896	4140	3.1	1254.2	168.1
244	6:38 PM	0.00	84.2	33906	0	84.3	33965	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
245	7:41 AM	0.06	52.5	21157	1177	52.5	21157	1177	0.0	0.0	0.0
245	7:45 AM	0.25	43.6	17557	4389	43.6	17557	4389	0.0	0.0	0.0
245	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
245	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
245	8:30 AM	0.25	19.9	8011	2003	19.9	8011	2003	0.0	0.0	0.0
245	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
245	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
245	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
245	9:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
245	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
245	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
245	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
245	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
245	10:45 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
245	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
245	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
245	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
245	11:45 AM	0.25	4.5	1815	454	4.5	1815	454	0.0	0.0	0.0
245	12:00 PM	0.25	4.0	1593	398	4.0	1593	398	0.0	0.0	0.0
245	12:15 PM	0.25	3.9	1579	395	3.9	1579	395	0.0	0.0	0.0
245	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
245	12:45 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
245	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
245	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
245	1:30 PM	0.25	3.8	1534	384	4.1	1638	409	0.3	103.3	25.8
245	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
245	2:00 PM	0.25	5.6	2257	564	5.7	2287	572	0.1	29.5	7.4
245	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
245	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
245	2:45 PM	0.25	9.2	3689	922	9.7	3925	981	0.6	236.1	59.0
245	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
245	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
245	3:30 PM	0.25	12.3	4943	1236	13.8	5562	1391	1.5	619.7	154.9
245	3:45 PM	0.25	13.3	5341	1335	14.8	5961	1490	1.5	619.7	154.9
245	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
245	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
245	4:30 PM	0.25	19.9	7997	1999	21.7	8749	2187	1.9	752.4	188.1
245	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
245	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
245	5:15 PM	0.25	32.3	13013	3253	35.1	14120	3530	2.7	1106.5	276.6
245	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
245	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
245	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
245	6:15 PM	0.25	64.5	25982	6496	71.0	28579	7145	6.4	2596.9	649.2
245	6:30 PM	0.11	73.6	29641	3236	76.7	30896	3373	3.1	1254.2	136.9
245	6:36 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
246	7:42 AM	0.04	52.5	21157	880	52.5	21157	880	0.0	0.0	0.0
246	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
246	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
246	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
246	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
246	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
246	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
246	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
246	9:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
246	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0

246	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
246	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
246	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
246	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
246	11:00 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
246	11:15 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
246	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
246	11:45 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
246	12:00 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
246	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
246	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
246	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
246	1:00 PM	0.25	1.7	693	173	1.7	693	173	0.0	0.0	0.0
246	1:15 PM	0.25	2.1	826	207	2.1	841	210	0.0	14.8	3.7
246	1:30 PM	0.25	3.9	1564	391	4.0	1623	406	0.2	59.0	14.8
246	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
246	2:00 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
246	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
246	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
246	2:45 PM	0.25	9.2	3689	922	9.7	3925	981	0.6	236.1	59.0
246	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
246	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
246	3:30 PM	0.25	12.3	4943	1236	13.7	5533	1383	1.5	590.2	147.5
246	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
246	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
246	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
246	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
246	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
246	5:00 PM	0.25	26.3	10593	2648	28.7	11567	2892	2.4	973.7	243.4
246	5:15 PM	0.25	32.3	13013	3253	35.1	14120	3530	2.7	1106.5	276.6
246	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
246	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
246	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
246	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
246	6:30 PM	0.08	73.6	29641	2496	76.7	30896	2602	3.1	1254.2	105.6
246	6:35 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
247	7:43 AM	0.03	52.5	21157	583	52.5	21157	583	0.0	0.0	0.0
247	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
247	8:00 AM	0.25	34.9	14075	3519	34.9	14075	3519	0.0	0.0	0.0
247	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
247	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
247	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
247	9:00 AM	0.25	11.0	4426	1107	11.0	4426	1107	0.0	0.0	0.0
247	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
247	9:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
247	9:45 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
247	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
247	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
247	10:30 AM	0.25	5.9	2375	594	5.9	2375	594	0.0	0.0	0.0
247	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
247	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
247	11:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
247	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
247	11:45 AM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
247	12:00 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
247	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
247	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
247	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
247	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
247	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
247	1:30 PM	0.25	3.9	1564	391	4.0	1623	406	0.2	59.0	14.8
247	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
247	2:00 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
247	2:15 PM	0.25	6.4	2582	645	7.0	2803	701	0.6	221.3	55.3
247	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
247	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
247	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8

247	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
247	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
247	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
247	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
247	4:15 PM	0.25	17.1	6890	1723	19.0	7657	1914	1.9	767.2	191.8
247	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
247	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
247	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
247	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
247	5:30 PM	0.25	34.7	13957	3489	37.9	15256	3814	3.2	1298.4	324.6
247	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
247	6:00 PM	0.25	50.2	20213	5053	54.1	21807	5452	4.0	1593.6	398.4
247	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
247	6:30 PM	0.06	73.6	29641	1753	76.7	30896	1827	3.1	1254.2	74.2
247	6:33 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
248	7:44 AM	0.01	52.5	21157	287	52.5	21157	287	0.0	0.0	0.0
248	7:45 AM	0.25	52.5	21157	5289	52.5	21157	5289	0.0	0.0	0.0
248	8:00 AM	0.25	35.4	14252	3563	35.4	14252	3563	0.0	0.0	0.0
248	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
248	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
248	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
248	9:00 AM	0.25	11.4	4603	1151	11.4	4603	1151	0.0	0.0	0.0
248	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
248	9:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
248	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
248	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
248	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
248	10:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
248	10:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
248	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
248	11:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
248	11:30 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
248	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
248	12:00 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
248	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
248	12:30 PM	0.25	3.3	1313	328	3.3	1313	328	0.0	0.0	0.0
248	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
248	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
248	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
248	1:30 PM	0.25	3.9	1564	391	4.0	1623	406	0.2	59.0	14.8
248	1:45 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
248	2:00 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
248	2:15 PM	0.25	7.0	2818	705	7.5	3010	752	0.5	191.8	48.0
248	2:30 PM	0.25	7.6	3039	760	8.3	3334	834	0.7	295.1	73.8
248	2:45 PM	0.25	8.4	3364	841	9.1	3659	915	0.7	295.1	73.8
248	3:00 PM	0.25	9.8	3939	985	10.6	4279	1070	0.8	339.3	84.8
248	3:15 PM	0.25	10.9	4397	1099	12.1	4869	1217	1.2	472.1	118.0
248	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
248	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
248	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
248	4:15 PM	0.25	18.8	7554	1889	20.6	8277	2069	1.8	722.9	180.7
248	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
248	4:45 PM	0.25	23.7	9546	2386	25.8	10372	2593	2.1	826.2	206.6
248	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
248	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
248	5:30 PM	0.25	39.3	15816	3954	42.8	17247	4312	3.6	1431.1	357.8
248	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
248	6:00 PM	0.25	58.1	23385	5846	62.5	25171	6293	4.4	1785.4	446.3
248	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
248	6:30 PM	0.03	83.9	33773	1146	84.0	33832	1148	0.1	59.0	2.0
248	6:32 PM	0.00	83.9	33773	0	84.0	33832	0	0.1	59.0	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
249	7:45 AM	0.25	51.4	20700	5166	51.4	20700	5166	0.0	0.0	0.0
249	8:00 AM	0.25	35.4	14252	3563	35.4	14252	3563	0.0	0.0	0.0

249	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
249	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
249	8:45 AM	0.25	17.1	6890	1723	17.1	6890	1723	0.0	0.0	0.0
249	9:00 AM	0.25	11.4	4603	1151	11.4	4603	1151	0.0	0.0	0.0
249	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
249	9:30 AM	0.25	8.9	3585	896	8.9	3585	896	0.0	0.0	0.0
249	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
249	10:00 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
249	10:15 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
249	10:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
249	10:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
249	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
249	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
249	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
249	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
249	12:00 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
249	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
249	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
249	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
249	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
249	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
249	1:30 PM	0.25	3.9	1564	391	4.0	1623	406	0.2	59.0	14.8
249	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
249	2:00 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
249	2:15 PM	0.25	7.0	2818	705	7.5	3010	752	0.5	191.8	48.0
249	2:30 PM	0.25	7.6	3069	767	8.2	3305	826	0.6	236.1	59.0
249	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
249	3:00 PM	0.25	10.0	4028	1007	11.4	4603	1151	1.4	575.4	143.9
249	3:15 PM	0.25	11.5	4633	1158	12.7	5120	1280	1.2	486.9	121.7
249	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
249	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
249	4:00 PM	0.25	15.6	6285	1571	17.7	7126	1782	2.1	840.9	210.2
249	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
249	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
249	4:45 PM	0.25	23.3	9384	2346	25.3	10180	2545	2.0	796.7	199.2
249	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
249	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
249	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
249	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
249	6:00 PM	0.25	58.1	23385	5846	62.5	25171	6293	4.4	1785.4	446.3
249	6:15 PM	0.25	65.5	26366	6591	71.9	28977	7244	6.5	2611.6	652.9
249	6:30 PM	0.01	84.8	34171	295	85.1	34275	296	0.3	103.3	0.9
249	6:30 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
250	7:45 AM	0.24	51.4	20700	4876	51.4	20700	4876	0.0	0.0	0.0
250	8:00 AM	0.25	35.4	14252	3563	35.4	14252	3563	0.0	0.0	0.0
250	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
250	8:30 AM	0.25	20.1	8085	2021	20.1	8085	2021	0.0	0.0	0.0
250	8:45 AM	0.25	16.0	6448	1612	16.0	6448	1612	0.0	0.0	0.0
250	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
250	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
250	9:30 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
250	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
250	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
250	10:15 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
250	10:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
250	10:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
250	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
250	11:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
250	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
250	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
250	12:00 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
250	12:15 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
250	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
250	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
250	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
250	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
250	1:30 PM	0.25	3.9	1564	391	4.0	1623	406	0.2	59.0	14.8

250	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
250	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
250	2:15 PM	0.25	7.0	2818	705	7.5	3010	752	0.5	191.8	48.0
250	2:30 PM	0.25	7.4	2980	745	8.1	3261	815	0.7	280.3	70.1
250	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
250	3:00 PM	0.25	10.0	4028	1007	11.4	4603	1151	1.4	575.4	143.9
250	3:15 PM	0.25	11.5	4633	1158	12.7	5120	1280	1.2	486.9	121.7
250	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
250	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
250	4:00 PM	0.25	16.8	6772	1693	18.7	7525	1881	1.9	752.5	188.1
250	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
250	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
250	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
250	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
250	5:15 PM	0.25	31.8	12806	3202	34.4	13854	3464	2.6	1047.5	261.9
250	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
250	5:45 PM	0.25	44.7	18000	4500	48.5	19549	4887	3.8	1549.2	387.3
250	6:00 PM	0.25	58.1	23385	5846	62.5	25171	6293	4.4	1785.4	446.3
250	6:15 PM	0.23	65.5	26366	6149	71.9	28977	6758	6.5	2611.6	609.1
250	6:28 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
251	7:46 AM	0.22	51.4	20700	4587	51.4	20700	4587	0.0	0.0	0.0
251	8:00 AM	0.25	35.4	14252	3563	35.4	14252	3563	0.0	0.0	0.0
251	8:15 AM	0.25	28.8	11597	2899	28.8	11597	2899	0.0	0.0	0.0
251	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
251	8:45 AM	0.25	16.0	6448	1612	16.0	6448	1612	0.0	0.0	0.0
251	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
251	9:15 AM	0.25	10.1	4072	1018	10.1	4072	1018	0.0	0.0	0.0
251	9:30 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
251	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
251	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
251	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
251	10:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
251	10:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
251	11:00 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
251	11:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
251	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
251	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
251	12:00 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
251	12:15 PM	0.25	3.0	1210	302	3.0	1210	302	0.0	0.0	0.0
251	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
251	12:45 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
251	1:00 PM	0.25	1.7	664	166	1.7	664	166	0.0	0.0	0.0
251	1:15 PM	0.25	2.0	811	203	2.1	841	210	0.1	29.5	7.4
251	1:30 PM	0.25	4.4	1771	443	4.5	1815	454	0.1	44.3	11.1
251	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
251	2:00 PM	0.25	5.4	2154	539	5.6	2257	564	0.3	103.3	25.8
251	2:15 PM	0.25	7.0	2818	705	7.5	3010	752	0.5	191.8	48.0
251	2:30 PM	0.25	7.4	2980	745	8.1	3261	815	0.7	280.3	70.1
251	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
251	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
251	3:15 PM	0.25	11.5	4633	1158	12.7	5120	1280	1.2	486.9	121.7
251	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
251	3:45 PM	0.25	14.1	5666	1416	15.6	6270	1568	1.5	604.9	151.2
251	4:00 PM	0.25	16.3	6566	1641	18.1	7289	1822	1.8	723.0	180.7
251	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
251	4:30 PM	0.25	21.1	8498	2125	22.9	9221	2305	1.8	722.9	180.7
251	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
251	5:00 PM	0.25	28.6	11538	2884	31.4	12644	3161	2.8	1106.5	276.6
251	5:15 PM	0.25	33.4	13470	3368	36.9	14857	3714	3.5	1386.9	346.7
251	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
251	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
251	6:00 PM	0.25	58.1	23385	5846	62.5	25171	6293	4.4	1785.4	446.3
251	6:15 PM	0.21	65.5	26366	5477	71.9	28977	6020	6.5	2611.6	542.5
251	6:27 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR

252	7:47 AM	0.21	51.4	20700	4297	51.4	20700	4297	0.0	0.0	0.0
252	8:00 AM	0.25	42.9	17292	4323	42.9	17292	4323	0.0	0.0	0.0
252	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
252	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
252	8:45 AM	0.25	16.0	6448	1612	16.0	6448	1612	0.0	0.0	0.0
252	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
252	9:15 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
252	9:30 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
252	9:45 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
252	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
252	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
252	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
252	10:45 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
252	11:00 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
252	11:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
252	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
252	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
252	12:00 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
252	12:15 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
252	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
252	12:45 PM	0.25	3.7	1490	373	3.7	1490	373	0.0	0.0	0.0
252	1:00 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
252	1:15 PM	0.25	2.7	1077	269	2.9	1151	288	0.2	73.8	18.4
252	1:30 PM	0.25	4.4	1771	443	4.5	1815	454	0.1	44.3	11.1
252	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
252	2:00 PM	0.25	5.9	2361	590	6.2	2508	627	0.4	147.5	36.9
252	2:15 PM	0.25	6.7	2685	671	7.1	2877	719	0.5	191.8	48.0
252	2:30 PM	0.25	7.4	2980	745	8.1	3261	815	0.7	280.3	70.1
252	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
252	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
252	3:15 PM	0.25	11.5	4633	1158	12.7	5120	1280	1.2	486.9	121.7
252	3:30 PM	0.25	12.8	5164	1291	14.3	5769	1442	1.5	604.9	151.2
252	3:45 PM	0.25	15.3	6152	1538	16.8	6772	1693	1.5	619.6	154.9
252	4:00 PM	0.25	16.3	6566	1641	18.1	7289	1822	1.8	723.0	180.7
252	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
252	4:30 PM	0.25	22.7	9133	2283	24.7	9959	2490	2.1	826.2	206.6
252	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
252	5:00 PM	0.25	28.0	11287	2822	30.7	12379	3095	2.7	1091.8	272.9
252	5:15 PM	0.25	33.4	13470	3368	36.9	14857	3714	3.5	1386.9	346.7
252	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
252	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
252	6:00 PM	0.25	58.1	23385	5846	62.5	25171	6293	4.4	1785.4	446.3
252	6:15 PM	0.18	74.5	29996	5464	78.2	31501	5738	3.7	1505.0	274.2
252	6:25 PM	0.00	84.8	34171	0	85.1	34275	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
253	7:48 AM	0.19	50.7	20434	3956	50.7	20434	3956	0.0	0.0	0.0
253	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
253	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
253	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
253	8:45 AM	0.25	16.0	6448	1612	16.0	6448	1612	0.0	0.0	0.0
253	9:00 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
253	9:15 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
253	9:30 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
253	9:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
253	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
253	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
253	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
253	10:45 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
253	11:00 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
253	11:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
253	11:30 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
253	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
253	12:00 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
253	12:15 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
253	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
253	12:45 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
253	1:00 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0

253	1:15 PM	0.25	2.7	1077	269	2.9	1151	288	0.2	73.8	18.4
253	1:30 PM	0.25	4.4	1771	443	4.5	1815	454	0.1	44.3	11.1
253	1:45 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
253	2:00 PM	0.25	5.9	2361	590	6.2	2508	627	0.4	147.5	36.9
253	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
253	2:30 PM	0.25	7.4	2980	745	8.1	3261	815	0.7	280.3	70.1
253	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
253	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
253	3:15 PM	0.25	11.3	4559	1140	12.6	5061	1265	1.2	501.6	125.4
253	3:30 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
253	3:45 PM	0.25	14.6	5872	1468	16.2	6507	1627	1.6	634.4	158.6
253	4:00 PM	0.25	16.3	6566	1641	18.1	7289	1822	1.8	723.0	180.7
253	4:15 PM	0.25	18.3	7377	1844	20.2	8115	2029	1.8	737.7	184.4
253	4:30 PM	0.25	21.9	8838	2209	24.1	9693	2423	2.1	855.7	213.9
253	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
253	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
253	5:15 PM	0.25	33.4	13470	3368	36.9	14857	3714	3.5	1386.9	346.7
253	5:30 PM	0.25	38.4	15447	3862	42.3	17056	4264	4.0	1608.2	402.1
253	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
253	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
253	6:15 PM	0.16	74.5	29996	4695	78.2	31501	4930	3.7	1505.0	235.6
253	6:24 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
254	7:49 AM	0.18	50.7	20434	3670	50.7	20434	3670	0.0	0.0	0.0
254	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
254	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
254	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
254	8:45 AM	0.25	16.0	6448	1612	16.0	6448	1612	0.0	0.0	0.0
254	9:00 AM	0.25	12.7	5105	1276	12.7	5105	1276	0.0	0.0	0.0
254	9:15 AM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
254	9:30 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
254	9:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
254	10:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
254	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
254	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
254	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
254	11:00 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
254	11:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
254	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
254	11:45 AM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
254	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
254	12:15 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
254	12:30 PM	0.25	3.2	1269	317	3.2	1269	317	0.0	0.0	0.0
254	12:45 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
254	1:00 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
254	1:15 PM	0.25	2.7	1077	269	2.9	1151	288	0.2	73.8	18.4
254	1:30 PM	0.25	4.4	1771	443	4.5	1815	454	0.1	44.3	11.1
254	1:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
254	2:00 PM	0.25	5.9	2361	590	6.2	2508	627	0.4	147.5	36.9
254	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
254	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
254	2:45 PM	0.25	9.2	3718	930	9.7	3925	981	0.5	206.6	51.6
254	3:00 PM	0.25	9.9	3984	996	11.1	4471	1118	1.2	486.9	121.7
254	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
254	3:30 PM	0.25	13.3	5356	1339	14.7	5931	1483	1.4	575.4	143.9
254	3:45 PM	0.25	14.6	5872	1468	16.2	6507	1627	1.6	634.4	158.6
254	4:00 PM	0.25	16.3	6566	1641	18.1	7289	1822	1.8	723.0	180.7
254	4:15 PM	0.25	20.2	8130	2032	21.9	8838	2209	1.8	708.2	177.1
254	4:30 PM	0.25	21.9	8838	2209	24.1	9693	2423	2.1	855.7	213.9
254	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
254	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
254	5:15 PM	0.25	33.4	13470	3368	36.9	14857	3714	3.5	1386.9	346.7
254	5:30 PM	0.25	43.0	17321	4330	47.0	18944	4736	4.0	1623.0	405.7
254	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
254	6:00 PM	0.25	57.9	23326	5832	62.2	25067	6267	4.3	1741.1	435.3
254	6:15 PM	0.13	76.6	30866	4037	80.3	32356	4232	3.7	1490.3	194.9
254	6:22 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
255	7:50 AM	0.17	50.7	20434	3384	50.7	20434	3384	0.0	0.0	0.0
255	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
255	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
255	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
255	8:45 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
255	9:00 AM	0.25	12.7	5105	1276	12.7	5105	1276	0.0	0.0	0.0
255	9:15 AM	0.25	10.5	4220	1055	10.5	4220	1055	0.0	0.0	0.0
255	9:30 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
255	9:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
255	10:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
255	10:15 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
255	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
255	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
255	11:00 AM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
255	11:15 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
255	11:30 AM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
255	11:45 AM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
255	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
255	12:15 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
255	12:30 PM	0.25	3.4	1387	347	3.4	1387	347	0.0	0.0	0.0
255	12:45 PM	0.25	2.2	870	218	2.2	870	218	0.0	0.0	0.0
255	1:00 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
255	1:15 PM	0.25	2.8	1136	284	3.2	1284	321	0.4	147.5	36.9
255	1:30 PM	0.25	4.4	1771	443	4.5	1815	454	0.1	44.3	11.1
255	1:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
255	2:00 PM	0.25	5.9	2361	590	6.2	2508	627	0.4	147.5	36.9
255	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
255	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
255	2:45 PM	0.25	10.0	4028	1007	11.0	4411	1103	0.9	383.6	95.9
255	3:00 PM	0.25	11.0	4441	1110	12.8	5134	1284	1.7	693.4	173.4
255	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
255	3:30 PM	0.25	13.3	5356	1339	14.7	5931	1483	1.4	575.4	143.9
255	3:45 PM	0.25	14.6	5872	1468	16.2	6507	1627	1.6	634.4	158.6
255	4:00 PM	0.25	16.3	6566	1641	18.1	7289	1822	1.8	723.0	180.7
255	4:15 PM	0.25	20.2	8130	2032	21.9	8838	2209	1.8	708.2	177.1
255	4:30 PM	0.25	21.9	8838	2209	24.1	9693	2423	2.1	855.7	213.9
255	4:45 PM	0.25	25.0	10077	2519	27.0	10888	2722	2.0	811.5	202.9
255	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
255	5:15 PM	0.25	33.3	13411	3353	36.3	14636	3659	3.0	1224.6	306.2
255	5:30 PM	0.25	43.0	17321	4330	47.0	18944	4736	4.0	1623.0	405.7
255	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
255	6:00 PM	0.25	66.8	26897	6724	73.3	29523	7381	6.5	2626.4	656.6
255	6:15 PM	0.11	76.6	30866	3242	80.3	32356	3398	3.7	1490.3	156.5
255	6:21 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
256	7:50 AM	0.15	50.7	20434	3098	50.7	20434	3098	0.0	0.0	0.0
256	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
256	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
256	8:30 AM	0.25	23.7	9561	2390	23.7	9561	2390	0.0	0.0	0.0
256	8:45 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
256	9:00 AM	0.25	12.7	5105	1276	12.7	5105	1276	0.0	0.0	0.0
256	9:15 AM	0.25	10.5	4220	1055	10.5	4220	1055	0.0	0.0	0.0
256	9:30 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
256	9:45 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
256	10:00 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
256	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
256	10:30 AM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
256	10:45 AM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
256	11:00 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
256	11:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
256	11:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
256	11:45 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
256	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
256	12:15 PM	0.25	3.1	1239	310	3.1	1239	310	0.0	0.0	0.0
256	12:30 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0

256	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
256	1:00 PM	0.25	2.3	915	229	2.3	915	229	0.0	0.0	0.0
256	1:15 PM	0.25	2.8	1136	284	3.2	1284	321	0.4	147.5	36.9
256	1:30 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
256	1:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
256	2:00 PM	0.25	5.9	2361	590	6.2	2508	627	0.4	147.5	36.9
256	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
256	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
256	2:45 PM	0.25	10.0	4028	1007	11.0	4411	1103	0.9	383.6	95.9
256	3:00 PM	0.25	11.0	4441	1110	12.8	5134	1284	1.7	693.4	173.4
256	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
256	3:30 PM	0.25	13.3	5356	1339	14.7	5931	1483	1.4	575.4	143.9
256	3:45 PM	0.25	14.6	5872	1468	16.2	6507	1627	1.6	634.4	158.6
256	4:00 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
256	4:15 PM	0.25	20.2	8130	2032	21.9	8838	2209	1.8	708.2	177.1
256	4:30 PM	0.25	21.9	8838	2209	24.1	9693	2423	2.1	855.7	213.9
256	4:45 PM	0.25	26.9	10844	2711	29.6	11936	2984	2.7	1091.8	273.0
256	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
256	5:15 PM	0.25	33.3	13411	3353	36.3	14636	3659	3.0	1224.6	306.2
256	5:30 PM	0.25	43.0	17321	4330	47.0	18944	4736	4.0	1623.0	405.7
256	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
256	6:00 PM	0.25	66.8	26897	6724	73.3	29523	7381	6.5	2626.4	656.6
256	6:15 PM	0.08	76.6	30866	2445	80.3	32356	2563	3.7	1490.3	118.0
256	6:19 PM	0.00	86.7	34924	0	86.9	35012	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
257	7:51 AM	0.14	51.0	20552	2828	51.0	20552	2828	0.0	0.0	0.0
257	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
257	8:15 AM	0.25	28.6	11538	2884	28.6	11538	2884	0.0	0.0	0.0
257	8:30 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
257	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
257	9:00 AM	0.25	12.7	5105	1276	12.7	5105	1276	0.0	0.0	0.0
257	9:15 AM	0.25	10.5	4234	1059	10.5	4234	1059	0.0	0.0	0.0
257	9:30 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
257	9:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
257	10:00 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
257	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
257	10:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
257	10:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
257	11:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
257	11:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
257	11:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
257	11:45 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
257	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
257	12:15 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
257	12:30 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
257	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
257	1:00 PM	0.25	2.3	930	232	2.3	930	232	0.0	0.0	0.0
257	1:15 PM	0.25	3.3	1328	332	3.7	1490	373	0.4	162.3	40.6
257	1:30 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
257	1:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
257	2:00 PM	0.25	6.5	2611	653	6.7	2715	679	0.3	103.3	25.8
257	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
257	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
257	2:45 PM	0.25	9.7	3910	977	10.6	4249	1062	0.8	339.4	84.8
257	3:00 PM	0.25	11.0	4441	1110	12.8	5134	1284	1.7	693.4	173.4
257	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
257	3:30 PM	0.25	13.3	5356	1339	14.7	5931	1483	1.4	575.4	143.9
257	3:45 PM	0.25	14.6	5872	1468	16.2	6507	1627	1.6	634.4	158.6
257	4:00 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
257	4:15 PM	0.25	20.0	8070	2018	21.6	8690	2173	1.5	619.7	154.9
257	4:30 PM	0.25	21.9	8838	2209	24.1	9693	2423	2.1	855.7	213.9
257	4:45 PM	0.25	27.1	10903	2726	29.5	11862	2966	2.4	959.0	239.8
257	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
257	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
257	5:30 PM	0.25	41.8	16834	4209	46.0	18516	4629	4.2	1682.0	420.5
257	5:45 PM	0.25	49.3	19874	4968	53.8	21674	5418	4.5	1800.1	450.0
257	6:00 PM	0.25	66.8	26897	6724	73.3	29523	7381	6.5	2626.4	656.6
257	6:15 PM	0.05	76.6	30866	1646	80.3	32356	1726	3.7	1490.3	79.5

257	6:18 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
258	7:52 AM	0.12	51.0	20552	2539	51.0	20552	2539	0.0	0.0	0.0
258	8:00 AM	0.25	42.2	16982	4245	42.2	16982	4245	0.0	0.0	0.0
258	8:15 AM	0.25	34.1	13721	3430	34.1	13721	3430	0.0	0.0	0.0
258	8:30 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
258	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
258	9:00 AM	0.25	12.7	5105	1276	12.7	5105	1276	0.0	0.0	0.0
258	9:15 AM	0.25	10.5	4234	1059	10.5	4234	1059	0.0	0.0	0.0
258	9:30 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
258	9:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
258	10:00 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
258	10:15 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
258	10:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
258	10:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
258	11:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
258	11:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
258	11:30 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
258	11:45 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
258	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0
258	12:15 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
258	12:30 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
258	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
258	1:00 PM	0.25	2.3	930	232	2.3	930	232	0.0	0.0	0.0
258	1:15 PM	0.25	3.3	1328	332	3.7	1490	373	0.4	162.3	40.6
258	1:30 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
258	1:45 PM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
258	2:00 PM	0.25	6.5	2611	653	6.7	2715	679	0.3	103.3	25.8
258	2:15 PM	0.25	7.6	3054	764	8.2	3290	823	0.6	236.1	59.0
258	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
258	2:45 PM	0.25	9.7	3910	977	10.6	4249	1062	0.8	339.4	84.8
258	3:00 PM	0.25	11.0	4441	1110	12.8	5134	1284	1.7	693.4	173.4
258	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
258	3:30 PM	0.25	13.3	5356	1339	14.7	5931	1483	1.4	575.4	143.9
258	3:45 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
258	4:00 PM	0.25	17.7	7111	1778	19.5	7834	1959	1.8	723.0	180.7
258	4:15 PM	0.25	20.0	8070	2018	21.6	8690	2173	1.5	619.7	154.9
258	4:30 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
258	4:45 PM	0.25	27.1	10903	2726	29.5	11862	2966	2.4	959.0	239.8
258	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
258	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
258	5:30 PM	0.25	41.8	16834	4209	46.0	18516	4629	4.2	1682.0	420.5
258	5:45 PM	0.25	56.6	22780	5695	61.4	24713	6178	4.8	1932.9	483.2
258	6:00 PM	0.25	66.8	26897	6724	73.3	29523	7381	6.5	2626.4	656.6
258	6:15 PM	0.03	87.9	35411	971	88.1	35484	973	0.2	73.8	2.0
258	6:16 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
259	7:53 AM	0.11	51.0	20552	2251	51.0	20552	2251	0.0	0.0	0.0
259	8:00 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
259	8:15 AM	0.25	34.1	13721	3430	34.1	13721	3430	0.0	0.0	0.0
259	8:30 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
259	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
259	9:00 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
259	9:15 AM	0.25	10.5	4234	1059	10.5	4234	1059	0.0	0.0	0.0
259	9:30 AM	0.25	9.7	3925	981	9.7	3925	981	0.0	0.0	0.0
259	9:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
259	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
259	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
259	10:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
259	10:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
259	11:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
259	11:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
259	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
259	11:45 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
259	12:00 PM	0.25	4.3	1741	435	4.3	1741	435	0.0	0.0	0.0

259	12:15 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
259	12:30 PM	0.25	3.9	1564	391	3.9	1564	391	0.0	0.0	0.0
259	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
259	1:00 PM	0.25	2.3	930	232	2.3	930	232	0.0	0.0	0.0
259	1:15 PM	0.25	3.3	1328	332	3.7	1490	373	0.4	162.3	40.6
259	1:30 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
259	1:45 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
259	2:00 PM	0.25	6.5	2611	653	6.7	2715	679	0.3	103.3	25.8
259	2:15 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
259	2:30 PM	0.25	8.4	3364	841	9.2	3718	930	0.9	354.1	88.5
259	2:45 PM	0.25	9.7	3910	977	10.6	4249	1062	0.8	339.4	84.8
259	3:00 PM	0.25	11.0	4441	1110	12.8	5134	1284	1.7	693.4	173.4
259	3:15 PM	0.25	12.4	4987	1247	13.9	5592	1398	1.5	604.9	151.2
259	3:30 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
259	3:45 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
259	4:00 PM	0.25	17.5	7052	1763	19.2	7716	1929	1.7	663.9	166.0
259	4:15 PM	0.25	20.0	8070	2018	21.6	8690	2173	1.5	619.7	154.9
259	4:30 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
259	4:45 PM	0.25	27.1	10903	2726	29.5	11862	2966	2.4	959.0	239.8
259	5:00 PM	0.25	30.3	12187	3047	33.3	13426	3357	3.1	1239.3	309.8
259	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
259	5:30 PM	0.25	41.8	16834	4209	46.0	18516	4629	4.2	1682.0	420.5
259	5:45 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7
259	6:00 PM	0.25	66.8	26897	6724	73.3	29523	7381	6.5	2626.4	656.6
259	6:15 PM	0.00	87.9	35411	53	88.1	35484	53	0.2	73.8	0.1
259	6:15 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
260	7:54 AM	0.10	51.0	20552	1961	51.0	20552	1961	0.0	0.0	0.0
260	8:00 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
260	8:15 AM	0.25	34.1	13721	3430	34.1	13721	3430	0.0	0.0	0.0
260	8:30 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
260	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
260	9:00 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
260	9:15 AM	0.25	10.5	4234	1059	10.5	4234	1059	0.0	0.0	0.0
260	9:30 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
260	9:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
260	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
260	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
260	10:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
260	10:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
260	11:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
260	11:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
260	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
260	11:45 AM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
260	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
260	12:15 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
260	12:30 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
260	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
260	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
260	1:15 PM	0.25	3.3	1328	332	3.7	1490	373	0.4	162.3	40.6
260	1:30 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
260	1:45 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
260	2:00 PM	0.25	6.5	2611	653	6.7	2715	679	0.3	103.3	25.8
260	2:15 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
260	2:30 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
260	2:45 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
260	3:00 PM	0.25	12.2	4898	1225	13.7	5533	1383	1.6	634.4	158.6
260	3:15 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
260	3:30 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
260	3:45 PM	0.25	16.3	6580	1645	17.9	7215	1804	1.6	634.4	158.6
260	4:00 PM	0.25	17.5	7052	1763	19.2	7716	1929	1.7	663.9	166.0
260	4:15 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
260	4:30 PM	0.25	24.3	9797	2449	26.5	10667	2667	2.2	870.5	217.6
260	4:45 PM	0.25	27.1	10903	2726	29.5	11862	2966	2.4	959.0	239.8
260	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
260	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
260	5:30 PM	0.25	41.8	16834	4209	46.0	18516	4629	4.2	1682.0	420.5
260	5:45 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7

260	6:00 PM	0.23	66.8	26897	6067	73.3	29523	6659	6.5	2626.4	592.4
260	6:13 PM	0.00	87.9	35411	0	88.1	35484	0	0.2	73.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
261	7:55 AM	0.08	51.1	20567	1673	51.1	20567	1673	0.0	0.0	0.0
261	8:00 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
261	8:15 AM	0.25	34.1	13721	3430	34.1	13721	3430	0.0	0.0	0.0
261	8:30 AM	0.25	23.6	9502	2375	23.6	9502	2375	0.0	0.0	0.0
261	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
261	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
261	9:15 AM	0.25	10.5	4234	1059	10.5	4234	1059	0.0	0.0	0.0
261	9:30 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
261	9:45 AM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
261	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
261	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
261	10:30 AM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
261	10:45 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
261	11:00 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
261	11:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
261	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
261	11:45 AM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
261	12:00 PM	0.25	4.5	1800	450	4.5	1800	450	0.0	0.0	0.0
261	12:15 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
261	12:30 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
261	12:45 PM	0.25	2.8	1136	284	2.8	1136	284	0.0	0.0	0.0
261	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
261	1:15 PM	0.25	3.3	1328	332	3.7	1490	373	0.4	162.3	40.6
261	1:30 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
261	1:45 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
261	2:00 PM	0.25	6.5	2611	653	6.7	2715	679	0.3	103.3	25.8
261	2:15 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
261	2:30 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
261	2:45 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
261	3:00 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
261	3:15 PM	0.25	13.0	5252	1313	14.5	5857	1464	1.5	604.9	151.2
261	3:30 PM	0.25	14.3	5769	1442	15.3	6152	1538	0.9	383.6	95.9
261	3:45 PM	0.25	16.2	6521	1630	17.4	7023	1756	1.3	501.6	125.4
261	4:00 PM	0.25	17.5	7052	1763	19.2	7716	1929	1.7	663.9	166.0
261	4:15 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
261	4:30 PM	0.25	24.0	9649	2412	26.0	10490	2623	2.1	841.0	210.3
261	4:45 PM	0.25	27.1	10903	2726	29.5	11862	2966	2.4	959.0	239.8
261	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
261	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
261	5:30 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
261	5:45 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7
261	6:00 PM	0.20	74.1	29863	5960	78.8	31751	6337	4.7	1888.6	377.0
261	6:11 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
262	7:55 AM	0.07	51.1	20567	1383	51.1	20567	1383	0.0	0.0	0.0
262	8:00 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
262	8:15 AM	0.25	34.1	13721	3430	34.1	13721	3430	0.0	0.0	0.0
262	8:30 AM	0.25	23.2	9325	2331	23.2	9325	2331	0.0	0.0	0.0
262	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
262	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
262	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
262	9:30 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
262	9:45 AM	0.25	7.4	2966	741	7.4	2966	741	0.0	0.0	0.0
262	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
262	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
262	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
262	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
262	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
262	11:15 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
262	11:30 AM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
262	11:45 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
262	12:00 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0

262	12:15 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
262	12:30 PM	0.25	3.8	1534	384	3.8	1534	384	0.0	0.0	0.0
262	12:45 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
262	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
262	1:15 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
262	1:30 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
262	1:45 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
262	2:00 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
262	2:15 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
262	2:30 PM	0.25	9.2	3703	926	9.9	3984	996	0.7	280.3	70.1
262	2:45 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
262	3:00 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
262	3:15 PM	0.25	13.0	5223	1306	14.5	5857	1464	1.6	634.4	158.6
262	3:30 PM	0.25	14.0	5651	1413	15.2	6108	1527	1.1	457.4	114.3
262	3:45 PM	0.25	16.2	6521	1630	17.4	7023	1756	1.3	501.6	125.4
262	4:00 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
262	4:15 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
262	4:30 PM	0.25	24.0	9649	2412	26.0	10490	2623	2.1	841.0	210.3
262	4:45 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
262	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
262	5:15 PM	0.25	36.9	14843	3711	40.9	16480	4120	4.1	1637.7	409.4
262	5:30 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
262	5:45 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7
262	6:00 PM	0.17	74.1	29863	5185	78.8	31751	5513	4.7	1888.6	327.9
262	6:10 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
263	7:56 AM	0.05	51.1	20567	1092	51.1	20567	1092	0.0	0.0	0.0
263	8:00 AM	0.25	41.7	16775	4194	41.7	16775	4194	0.0	0.0	0.0
263	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
263	8:30 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
263	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
263	9:00 AM	0.25	15.7	6315	1579	15.7	6315	1579	0.0	0.0	0.0
263	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
263	9:30 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
263	9:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
263	10:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
263	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
263	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
263	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
263	11:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
263	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
263	11:30 AM	0.25	5.4	2169	542	5.4	2169	542	0.0	0.0	0.0
263	11:45 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
263	12:00 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
263	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
263	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
263	12:45 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
263	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
263	1:15 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
263	1:30 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
263	1:45 PM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
263	2:00 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
263	2:15 PM	0.25	8.0	3231	808	8.8	3526	882	0.7	295.1	73.8
263	2:30 PM	0.25	8.5	3438	859	9.3	3733	933	0.7	295.1	73.8
263	2:45 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
263	3:00 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
263	3:15 PM	0.25	13.0	5223	1306	14.5	5857	1464	1.6	634.4	158.6
263	3:30 PM	0.25	14.0	5651	1413	15.2	6108	1527	1.1	457.4	114.3
263	3:45 PM	0.25	16.2	6521	1630	17.4	7023	1756	1.3	501.6	125.4
263	4:00 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
263	4:15 PM	0.25	21.8	8793	2198	23.6	9502	2375	1.8	708.2	177.1
263	4:30 PM	0.25	24.0	9649	2412	26.0	10490	2623	2.1	841.0	210.3
263	4:45 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
263	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
263	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
263	5:30 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
263	5:45 PM	0.25	55.2	22249	5562	60.3	24300	6075	5.1	2051.0	512.7
263	6:00 PM	0.15	74.1	29863	4410	78.8	31751	4689	4.7	1888.6	278.9

263	6:08 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
264	7:57 AM	0.04	51.1	20567	800	51.1	20567	800	0.0	0.0	0.0
264	8:00 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
264	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
264	8:30 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
264	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
264	9:00 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
264	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
264	9:30 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
264	9:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
264	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
264	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
264	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
264	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
264	11:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
264	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
264	11:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
264	11:45 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
264	12:00 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
264	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
264	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
264	12:45 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
264	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
264	1:15 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
264	1:30 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
264	1:45 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
264	2:00 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
264	2:15 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
264	2:30 PM	0.25	8.5	3438	859	9.3	3733	933	0.7	295.1	73.8
264	2:45 PM	0.25	10.2	4087	1022	11.4	4603	1151	1.3	516.4	129.1
264	3:00 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
264	3:15 PM	0.25	13.0	5223	1306	14.5	5857	1464	1.6	634.4	158.6
264	3:30 PM	0.25	14.0	5651	1413	15.2	6108	1527	1.1	457.4	114.3
264	3:45 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
264	4:00 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
264	4:15 PM	0.25	21.3	8587	2147	23.2	9354	2339	1.9	767.2	191.8
264	4:30 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
264	4:45 PM	0.25	29.3	11803	2951	32.3	12998	3250	3.0	1195.1	298.8
264	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
264	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
264	5:30 PM	0.25	47.3	19062	4766	51.9	20892	5223	4.5	1829.6	457.4
264	5:45 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
264	6:00 PM	0.12	74.1	29863	3635	78.8	31751	3865	4.7	1888.6	229.9
264	6:07 PM	0.00	87.2	35130	0	87.5	35234	0	0.3	103.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
265	7:58 AM	0.02	51.4	20715	511	51.4	20715	511	0.0	0.0	0.0
265	8:00 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
265	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
265	8:30 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
265	8:45 AM	0.25	19.8	7967	1992	19.8	7967	1992	0.0	0.0	0.0
265	9:00 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
265	9:15 AM	0.25	11.0	4411	1103	11.0	4411	1103	0.0	0.0	0.0
265	9:30 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
265	9:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
265	10:00 AM	0.25	6.3	2523	631	6.3	2523	631	0.0	0.0	0.0
265	10:15 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
265	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
265	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
265	11:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
265	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
265	11:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
265	11:45 AM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
265	12:00 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
265	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0

265	12:30 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
265	12:45 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
265	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
265	1:15 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
265	1:30 PM	0.25	5.2	2095	524	5.2	2095	524	0.0	0.0	0.0
265	1:45 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
265	2:00 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
265	2:15 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
265	2:30 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
265	2:45 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
265	3:00 PM	0.25	11.9	4810	1202	13.6	5474	1368	1.7	663.9	166.0
265	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
265	3:30 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
265	3:45 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
265	4:00 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
265	4:15 PM	0.25	21.3	8587	2147	23.2	9354	2339	1.9	767.2	191.8
265	4:30 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
265	4:45 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
265	5:00 PM	0.25	31.9	12865	3216	34.9	14075	3519	3.0	1209.8	302.5
265	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
265	5:30 PM	0.25	47.1	18974	4743	52.1	20966	5241	4.9	1991.9	498.0
265	5:45 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
265	6:00 PM	0.10	74.1	29863	2861	78.8	31751	3042	4.7	1888.6	180.9
265	6:05 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
266	7:59 AM	0.01	51.4	20715	216	51.4	20715	216	0.0	0.0	0.0
266	8:00 AM	0.25	51.4	20715	5179	51.4	20715	5179	0.0	0.0	0.0
266	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
266	8:30 AM	0.25	28.4	11420	2855	28.4	11420	2855	0.0	0.0	0.0
266	8:45 AM	0.25	19.3	7775	1944	19.3	7775	1944	0.0	0.0	0.0
266	9:00 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
266	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
266	9:30 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
266	9:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
266	10:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
266	10:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
266	10:30 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
266	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
266	11:00 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
266	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
266	11:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
266	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
266	12:00 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
266	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
266	12:30 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
266	12:45 PM	0.25	2.4	959	240	2.4	959	240	0.0	0.0	0.0
266	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
266	1:15 PM	0.25	3.3	1313	328	3.8	1520	380	0.5	206.6	51.6
266	1:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
266	1:45 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
266	2:00 PM	0.25	6.9	2774	693	7.4	2966	741	0.5	191.8	48.0
266	2:15 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
266	2:30 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
266	2:45 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
266	3:00 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
266	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
266	3:30 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
266	3:45 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
266	4:00 PM	0.25	19.1	7687	1922	20.5	8248	2062	1.4	560.6	140.2
266	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
266	4:30 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
266	4:45 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
266	5:00 PM	0.25	35.9	14444	3611	39.7	15993	3998	3.9	1549.2	387.3
266	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
266	5:30 PM	0.25	47.1	18974	4743	52.1	20966	5241	4.9	1991.9	498.0
266	5:45 PM	0.25	64.1	25805	6451	70.4	28373	7093	6.4	2567.4	641.8
266	6:00 PM	0.07	74.1	29863	2087	78.8	31751	2219	4.7	1888.6	132.0
266	6:04 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
267	8:00 AM	0.25	51.4	20715	5099	51.4	20715	5099	0.0	0.0	0.0
267	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
267	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
267	8:45 AM	0.25	19.3	7775	1944	19.3	7775	1944	0.0	0.0	0.0
267	9:00 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
267	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
267	9:30 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
267	9:45 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
267	10:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
267	10:15 AM	0.25	6.0	2405	601	6.0	2405	601	0.0	0.0	0.0
267	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
267	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
267	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
267	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
267	11:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
267	11:45 AM	0.25	4.6	1844	461	4.6	1844	461	0.0	0.0	0.0
267	12:00 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
267	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
267	12:30 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
267	12:45 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
267	1:00 PM	0.25	2.5	1018	255	2.5	1018	255	0.0	0.0	0.0
267	1:15 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
267	1:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
267	1:45 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
267	2:00 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
267	2:15 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
267	2:30 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
267	2:45 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
267	3:00 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
267	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
267	3:30 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
267	3:45 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
267	4:00 PM	0.25	18.8	7584	1896	20.8	8380	2095	2.0	796.7	199.2
267	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
267	4:30 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
267	4:45 PM	0.25	29.4	11833	2958	32.4	13043	3261	3.0	1209.8	302.5
267	5:00 PM	0.25	35.9	14444	3611	39.7	15993	3998	3.9	1549.2	387.3
267	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
267	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
267	5:45 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
267	6:00 PM	0.04	74.1	29863	1315	78.8	31751	1398	4.7	1888.6	83.2
267	6:02 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
268	8:01 AM	0.23	51.4	20715	4801	51.4	20715	4801	0.0	0.0	0.0
268	8:15 AM	0.25	34.0	13677	3419	34.0	13677	3419	0.0	0.0	0.0
268	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
268	8:45 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
268	9:00 AM	0.25	14.8	5946	1486	14.8	5946	1486	0.0	0.0	0.0
268	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
268	9:30 AM	0.25	9.6	3851	963	9.6	3851	963	0.0	0.0	0.0
268	9:45 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
268	10:00 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
268	10:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
268	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
268	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
268	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
268	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
268	11:30 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
268	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
268	12:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
268	12:15 PM	0.25	4.0	1623	406	4.0	1623	406	0.0	0.0	0.0
268	12:30 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
268	12:45 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
268	1:00 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0

268	1:15 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
268	1:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
268	1:45 PM	0.25	6.0	2420	605	6.2	2508	627	0.2	88.5	22.1
268	2:00 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
268	2:15 PM	0.25	8.4	3364	841	9.1	3644	911	0.7	280.3	70.1
268	2:30 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
268	2:45 PM	0.25	10.8	4367	1092	12.3	4957	1239	1.5	590.2	147.5
268	3:00 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
268	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
268	3:30 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
268	3:45 PM	0.25	17.0	6846	1711	18.8	7569	1892	1.8	722.9	180.7
268	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
268	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
268	4:30 PM	0.25	25.8	10402	2600	28.5	11479	2870	2.7	1077.0	269.3
268	4:45 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
268	5:00 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
268	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
268	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
268	5:45 PM	0.25	62.2	25067	6267	68.4	27561	6890	6.2	2493.6	623.4
268	6:00 PM	0.02	85.8	34540	629	86.0	34629	631	0.2	88.5	1.6
268	6:01 PM	0.00	86.7	34909	0	87.0	35042	0	0.3	132.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
269	8:01 AM	0.22	50.6	20361	4426	50.6	20361	4426	0.0	0.0	0.0
269	8:15 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
269	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
269	8:45 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
269	9:00 AM	0.25	14.9	5990	1498	14.9	5990	1498	0.0	0.0	0.0
269	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
269	9:30 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
269	9:45 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
269	10:00 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
269	10:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
269	10:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
269	10:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
269	11:00 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
269	11:15 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
269	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
269	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
269	12:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
269	12:15 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
269	12:30 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
269	12:45 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
269	1:00 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
269	1:15 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
269	1:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
269	1:45 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
269	2:00 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
269	2:15 PM	0.25	8.8	3556	889	9.5	3836	959	0.7	280.3	70.1
269	2:30 PM	0.25	9.6	3866	966	10.1	4072	1018	0.5	206.6	51.6
269	2:45 PM	0.25	10.6	4249	1062	11.9	4795	1199	1.4	545.9	136.5
269	3:00 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
269	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
269	3:30 PM	0.25	15.4	6197	1549	16.6	6669	1667	1.2	472.1	118.0
269	3:45 PM	0.25	18.3	7362	1841	20.0	8056	2014	1.7	693.4	173.4
269	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
269	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
269	4:30 PM	0.25	25.6	10313	2578	28.2	11375	2844	2.6	1062.3	265.6
269	4:45 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
269	5:00 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
269	5:15 PM	0.25	40.4	16259	4065	44.6	17956	4489	4.2	1696.7	424.2
269	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
269	5:45 PM	0.24	62.2	25067	6078	68.4	27561	6682	6.2	2493.6	604.6
269	5:59 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
270	8:02 AM	0.20	50.6	20361	4132	50.6	20361	4132	0.0	0.0	0.0

270	8:15 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
270	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
270	8:45 AM	0.25	22.5	9074	2268	22.5	9074	2268	0.0	0.0	0.0
270	9:00 AM	0.25	14.9	5990	1498	14.9	5990	1498	0.0	0.0	0.0
270	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
270	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
270	9:45 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
270	10:00 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
270	10:15 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
270	10:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
270	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
270	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
270	11:15 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
270	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
270	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
270	12:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
270	12:15 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
270	12:30 PM	0.25	4.3	1726	432	4.3	1726	432	0.0	0.0	0.0
270	12:45 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
270	1:00 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
270	1:15 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
270	1:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
270	1:45 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
270	2:00 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
270	2:15 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
270	2:30 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4
270	2:45 PM	0.25	10.6	4249	1062	11.9	4795	1199	1.4	545.9	136.5
270	3:00 PM	0.25	12.9	5193	1298	14.5	5857	1464	1.7	663.9	166.0
270	3:15 PM	0.25	13.9	5592	1398	15.5	6241	1560	1.6	649.2	162.3
270	3:30 PM	0.25	16.7	6713	1678	18.2	7318	1830	1.5	604.9	151.2
270	3:45 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
270	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
270	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
270	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
270	4:45 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
270	5:00 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
270	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
270	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
270	5:45 PM	0.22	62.2	25067	5434	68.4	27561	5974	6.2	2493.6	540.5
270	5:58 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
271	8:03 AM	0.19	50.6	20361	3837	50.6	20361	3837	0.0	0.0	0.0
271	8:15 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
271	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
271	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
271	9:00 AM	0.25	14.9	5990	1498	14.9	5990	1498	0.0	0.0	0.0
271	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
271	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
271	9:45 AM	0.25	8.4	3393	848	8.4	3393	848	0.0	0.0	0.0
271	10:00 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
271	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
271	10:30 AM	0.25	6.0	2434	609	6.0	2434	609	0.0	0.0	0.0
271	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
271	11:00 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
271	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
271	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
271	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
271	12:00 PM	0.25	4.7	1889	472	4.7	1889	472	0.0	0.0	0.0
271	12:15 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
271	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
271	12:45 PM	0.25	2.7	1092	273	2.7	1092	273	0.0	0.0	0.0
271	1:00 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
271	1:15 PM	0.25	4.0	1623	406	4.5	1815	454	0.5	191.8	48.0
271	1:30 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
271	1:45 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
271	2:00 PM	0.25	7.5	3025	756	8.0	3202	800	0.4	177.1	44.3
271	2:15 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
271	2:30 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4

271	2:45 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
271	3:00 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
271	3:15 PM	0.25	14.4	5784	1446	15.9	6389	1597	1.5	604.9	151.2
271	3:30 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
271	3:45 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
271	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
271	4:15 PM	0.25	23.3	9369	2342	25.3	10180	2545	2.0	811.5	202.9
271	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
271	4:45 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
271	5:00 PM	0.25	35.2	14193	3548	39.0	15698	3925	3.7	1504.9	376.2
271	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
271	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
271	5:45 PM	0.19	71.7	28874	5519	76.3	30719	5871	4.6	1844.4	352.5
271	5:56 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
272	8:04 AM	0.17	50.6	20361	3541	50.6	20361	3541	0.0	0.0	0.0
272	8:15 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
272	8:30 AM	0.25	27.7	11139	2785	27.7	11139	2785	0.0	0.0	0.0
272	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
272	9:00 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
272	9:15 AM	0.25	11.8	4766	1191	11.8	4766	1191	0.0	0.0	0.0
272	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
272	9:45 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
272	10:00 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
272	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
272	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
272	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
272	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
272	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
272	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
272	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
272	12:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
272	12:15 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
272	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
272	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
272	1:00 PM	0.25	3.0	1195	299	3.0	1195	299	0.0	0.0	0.0
272	1:15 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
272	1:30 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
272	1:45 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
272	2:00 PM	0.25	7.8	3143	786	8.4	3379	845	0.6	236.1	59.0
272	2:15 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
272	2:30 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4
272	2:45 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
272	3:00 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
272	3:15 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
272	3:30 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
272	3:45 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
272	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
272	4:15 PM	0.25	25.0	10062	2516	27.8	11198	2800	2.8	1136.1	284.0
272	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
272	4:45 PM	0.25	31.5	12688	3172	34.8	14002	3500	3.3	1313.1	328.3
272	5:00 PM	0.25	38.5	15521	3880	42.4	17085	4271	3.9	1563.9	391.0
272	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
272	5:30 PM	0.25	53.2	21423	5356	58.6	23621	5905	5.5	2198.5	549.6
272	5:45 PM	0.17	71.7	28874	4781	76.3	30719	5086	4.6	1844.4	305.4
272	5:54 PM	0.00	85.8	34540	0	86.0	34629	0	0.2	88.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
273	8:05 AM	0.16	49.1	19785	3152	49.1	19785	3152	0.0	0.0	0.0
273	8:15 AM	0.25	40.7	16392	4098	40.7	16392	4098	0.0	0.0	0.0
273	8:30 AM	0.25	27.1	10933	2733	27.1	10933	2733	0.0	0.0	0.0
273	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
273	9:00 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
273	9:15 AM	0.25	11.9	4780	1195	11.9	4780	1195	0.0	0.0	0.0
273	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
273	9:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0

273	10:00 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
273	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
273	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
273	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
273	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
273	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
273	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
273	11:45 AM	0.25	4.8	1918	480	4.8	1918	480	0.0	0.0	0.0
273	12:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
273	12:15 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
273	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
273	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
273	1:00 PM	0.25	3.1	1254	314	3.3	1313	328	0.2	59.0	14.8
273	1:15 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
273	1:30 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
273	1:45 PM	0.25	6.1	2449	612	6.5	2597	649	0.4	147.5	36.9
273	2:00 PM	0.25	7.8	3143	786	8.4	3379	845	0.6	236.1	59.0
273	2:15 PM	0.25	8.6	3452	863	9.3	3733	933	0.7	280.3	70.1
273	2:30 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4
273	2:45 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
273	3:00 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
273	3:15 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
273	3:30 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
273	3:45 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
273	4:00 PM	0.25	20.7	8321	2080	22.0	8867	2217	1.4	545.9	136.5
273	4:15 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
273	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
273	4:45 PM	0.25	30.9	12438	3109	34.4	13839	3460	3.5	1401.6	350.4
273	5:00 PM	0.25	38.5	15521	3880	42.4	17085	4271	3.9	1563.9	391.0
273	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
273	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
273	5:45 PM	0.14	71.7	28874	4046	76.3	30719	4304	4.6	1844.4	258.4
273	5:53 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
274	8:06 AM	0.14	49.1	19785	2862	49.1	19785	2862	0.0	0.0	0.0
274	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
274	8:30 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
274	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
274	9:00 AM	0.25	18.2	7348	1837	18.2	7348	1837	0.0	0.0	0.0
274	9:15 AM	0.25	11.9	4780	1195	11.9	4780	1195	0.0	0.0	0.0
274	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
274	9:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
274	10:00 AM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
274	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
274	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
274	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
274	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
274	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
274	11:30 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
274	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
274	12:00 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
274	12:15 PM	0.25	4.1	1667	417	4.1	1667	417	0.0	0.0	0.0
274	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
274	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
274	1:00 PM	0.25	3.1	1254	314	3.3	1313	328	0.2	59.0	14.8
274	1:15 PM	0.25	4.3	1711	428	4.6	1844	461	0.3	132.8	33.2
274	1:30 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
274	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
274	2:00 PM	0.25	7.8	3143	786	8.4	3379	845	0.6	236.1	59.0
274	2:15 PM	0.25	9.2	3689	922	10.0	4028	1007	0.8	339.3	84.8
274	2:30 PM	0.25	10.0	4028	1007	10.7	4293	1073	0.7	265.6	66.4
274	2:45 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
274	3:00 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
274	3:15 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
274	3:30 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
274	3:45 PM	0.25	17.7	7111	1778	19.4	7820	1955	1.8	708.2	177.1
274	4:00 PM	0.25	22.1	8882	2220	24.2	9738	2434	2.1	855.7	213.9
274	4:15 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6

274	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
274	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
274	5:00 PM	0.25	38.5	15521	3880	42.4	17085	4271	3.9	1563.9	391.0
274	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
274	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
274	5:45 PM	0.11	71.7	28874	3313	76.3	30719	3525	4.6	1844.4	211.6
274	5:51 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
275	8:07 AM	0.13	49.1	19785	2570	49.1	19785	2570	0.0	0.0	0.0
275	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
275	8:30 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
275	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
275	9:00 AM	0.25	18.1	7274	1818	18.1	7274	1818	0.0	0.0	0.0
275	9:15 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
275	9:30 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
275	9:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
275	10:00 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
275	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
275	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
275	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
275	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
275	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
275	11:30 AM	0.25	5.6	2243	561	5.6	2243	561	0.0	0.0	0.0
275	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
275	12:00 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
275	12:15 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
275	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
275	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
275	1:00 PM	0.25	3.1	1254	314	3.3	1313	328	0.2	59.0	14.8
275	1:15 PM	0.25	5.0	2007	502	5.1	2066	516	0.1	59.0	14.8
275	1:30 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
275	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
275	2:00 PM	0.25	7.8	3143	786	8.4	3379	845	0.6	236.1	59.0
275	2:15 PM	0.25	9.2	3689	922	10.0	4028	1007	0.8	339.3	84.8
275	2:30 PM	0.25	10.1	4057	1014	11.1	4485	1121	1.1	427.9	107.0
275	2:45 PM	0.25	10.9	4382	1096	12.4	4987	1247	1.5	604.9	151.2
275	3:00 PM	0.25	13.1	5282	1321	14.8	5975	1494	1.7	693.4	173.4
275	3:15 PM	0.25	14.2	5710	1427	15.8	6344	1586	1.6	634.4	158.6
275	3:30 PM	0.25	16.5	6625	1656	17.9	7215	1804	1.5	590.2	147.5
275	3:45 PM	0.25	19.2	7731	1933	21.1	8484	2121	1.9	752.5	188.1
275	4:00 PM	0.25	22.1	8882	2220	24.2	9738	2434	2.1	855.7	213.9
275	4:15 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
275	4:30 PM	0.25	28.1	11302	2825	31.2	12570	3143	3.2	1268.8	317.2
275	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
275	5:00 PM	0.25	38.5	15521	3880	42.4	17085	4271	3.9	1563.9	391.0
275	5:15 PM	0.25	44.4	17897	4474	49.6	19962	4991	5.1	2065.6	516.4
275	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
275	5:45 PM	0.09	72.8	29332	2624	77.1	31058	2779	4.3	1726.4	154.5
275	5:50 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
276	8:08 AM	0.12	49.1	19785	2277	49.1	19785	2277	0.0	0.0	0.0
276	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
276	8:30 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
276	8:45 AM	0.25	21.8	8779	2195	21.8	8779	2195	0.0	0.0	0.0
276	9:00 AM	0.25	18.1	7274	1818	18.1	7274	1818	0.0	0.0	0.0
276	9:15 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
276	9:30 AM	0.25	10.4	4205	1051	10.4	4205	1051	0.0	0.0	0.0
276	9:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
276	10:00 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
276	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
276	10:30 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
276	10:45 AM	0.25	6.5	2597	649	6.5	2597	649	0.0	0.0	0.0
276	11:00 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
276	11:15 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
276	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0

276	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
276	12:00 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
276	12:15 PM	0.25	4.3	1711	428	4.3	1711	428	0.0	0.0	0.0
276	12:30 PM	0.25	4.7	1874	468	4.7	1874	468	0.0	0.0	0.0
276	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
276	1:00 PM	0.25	3.1	1254	314	3.3	1313	328	0.2	59.0	14.8
276	1:15 PM	0.25	5.0	2007	502	5.1	2066	516	0.1	59.0	14.8
276	1:30 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
276	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
276	2:00 PM	0.25	7.8	3143	786	8.4	3379	845	0.6	236.1	59.0
276	2:15 PM	0.25	9.2	3689	922	10.0	4028	1007	0.8	339.3	84.8
276	2:30 PM	0.25	10.1	4057	1014	11.1	4485	1121	1.1	427.9	107.0
276	2:45 PM	0.25	11.8	4736	1184	13.0	5238	1309	1.2	501.6	125.4
276	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
276	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
276	3:30 PM	0.25	17.3	6949	1737	19.1	7672	1918	1.8	722.9	180.7
276	3:45 PM	0.25	19.2	7731	1933	21.1	8484	2121	1.9	752.5	188.1
276	4:00 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
276	4:15 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
276	4:30 PM	0.25	29.6	11936	2984	33.6	13515	3379	3.9	1578.6	394.7
276	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
276	5:00 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
276	5:15 PM	0.25	50.7	20434	5109	55.3	22264	5566	4.5	1829.6	457.4
276	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
276	5:45 PM	0.06	72.8	29332	1886	77.1	31058	1998	4.3	1726.4	111.0
276	5:48 PM	0.00	86.0	34643	0	86.7	34924	0	0.7	280.3	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
277	8:08 AM	0.10	48.3	19446	1949	48.3	19446	1949	0.0	0.0	0.0
277	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
277	8:30 AM	0.25	32.9	13249	3312	32.9	13249	3312	0.0	0.0	0.0
277	8:45 AM	0.25	21.4	8631	2158	21.4	8631	2158	0.0	0.0	0.0
277	9:00 AM	0.25	18.1	7274	1818	18.1	7274	1818	0.0	0.0	0.0
277	9:15 AM	0.25	13.6	5489	1372	13.6	5489	1372	0.0	0.0	0.0
277	9:30 AM	0.25	10.4	4205	1051	10.4	4205	1051	0.0	0.0	0.0
277	9:45 AM	0.25	8.7	3497	874	8.7	3497	874	0.0	0.0	0.0
277	10:00 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
277	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
277	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
277	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
277	11:00 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
277	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
277	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
277	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
277	12:00 PM	0.25	4.6	1859	465	4.6	1859	465	0.0	0.0	0.0
277	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
277	12:30 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
277	12:45 PM	0.25	2.8	1107	277	2.8	1107	277	0.0	0.0	0.0
277	1:00 PM	0.25	3.1	1254	314	3.3	1313	328	0.2	59.0	14.8
277	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1
277	1:30 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
277	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
277	2:00 PM	0.25	8.4	3364	841	9.3	3733	933	0.9	368.9	92.2
277	2:15 PM	0.25	9.2	3689	922	10.0	4028	1007	0.8	339.3	84.8
277	2:30 PM	0.25	10.1	4057	1014	11.1	4485	1121	1.1	427.9	107.0
277	2:45 PM	0.25	11.8	4736	1184	13.0	5238	1309	1.2	501.6	125.4
277	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
277	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
277	3:30 PM	0.25	17.3	6949	1737	19.1	7672	1918	1.8	722.9	180.7
277	3:45 PM	0.25	19.2	7731	1933	21.1	8484	2121	1.9	752.5	188.1
277	4:00 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
277	4:15 PM	0.25	24.4	9811	2453	27.0	10874	2718	2.6	1062.3	265.6
277	4:30 PM	0.25	28.8	11597	2899	32.2	12984	3246	3.4	1386.9	346.7
277	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
277	5:00 PM	0.25	37.9	15270	3818	42.1	16952	4238	4.2	1682.0	420.5
277	5:15 PM	0.25	50.7	20434	5109	55.3	22264	5566	4.5	1829.6	457.4
277	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
277	5:45 PM	0.04	86.9	34998	1375	87.6	35293	1386	0.7	295.1	11.6
277	5:47 PM	0.00	86.9	34998	0	87.6	35293	0	0.7	295.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
278	8:09 AM	0.09	48.3	19446	1658	48.3	19446	1658	0.0	0.0	0.0
278	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
278	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
278	8:45 AM	0.25	26.3	10579	2645	26.3	10579	2645	0.0	0.0	0.0
278	9:00 AM	0.25	18.1	7274	1818	18.1	7274	1818	0.0	0.0	0.0
278	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
278	9:30 AM	0.25	11.5	4648	1162	11.5	4648	1162	0.0	0.0	0.0
278	9:45 AM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
278	10:00 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
278	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
278	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
278	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
278	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
278	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
278	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
278	11:45 AM	0.25	5.1	2051	513	5.1	2051	513	0.0	0.0	0.0
278	12:00 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
278	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
278	12:30 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
278	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
278	1:00 PM	0.25	3.3	1313	328	3.4	1387	347	0.2	73.8	18.4
278	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1
278	1:30 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
278	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
278	2:00 PM	0.25	8.4	3364	841	9.3	3733	933	0.9	368.9	92.2
278	2:15 PM	0.25	9.2	3689	922	10.0	4028	1007	0.8	339.3	84.8
278	2:30 PM	0.25	10.2	4087	1022	11.0	4411	1103	0.8	324.6	81.1
278	2:45 PM	0.25	11.8	4736	1184	13.0	5238	1309	1.2	501.6	125.4
278	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
278	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
278	3:30 PM	0.25	17.3	6949	1737	19.1	7672	1918	1.8	722.9	180.7
278	3:45 PM	0.25	19.2	7731	1933	21.1	8484	2121	1.9	752.5	188.1
278	4:00 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
278	4:15 PM	0.25	26.1	10505	2626	29.3	11788	2947	3.2	1283.6	320.9
278	4:30 PM	0.25	28.8	11597	2899	32.2	12984	3246	3.4	1386.9	346.7
278	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
278	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
278	5:15 PM	0.25	48.9	19711	4928	53.9	21703	5426	4.9	1992.0	498.0
278	5:30 PM	0.25	60.5	24374	6093	66.7	26853	6713	6.2	2478.9	619.7
278	5:45 PM	0.01	86.9	34998	503	87.6	35293	507	0.7	295.1	4.2
278	5:45 PM	0.00	86.9	34998	0	87.6	35293	0	0.7	295.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
279	8:10 AM	0.07	48.3	19446	1365	48.3	19446	1365	0.0	0.0	0.0
279	8:15 AM	0.25	39.6	15964	3991	39.6	15964	3991	0.0	0.0	0.0
279	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
279	8:45 AM	0.25	26.3	10579	2645	26.3	10579	2645	0.0	0.0	0.0
279	9:00 AM	0.25	18.1	7274	1818	18.1	7274	1818	0.0	0.0	0.0
279	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
279	9:30 AM	0.25	11.5	4648	1162	11.5	4648	1162	0.0	0.0	0.0
279	9:45 AM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
279	10:00 AM	0.25	7.1	2848	712	7.1	2848	712	0.0	0.0	0.0
279	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
279	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
279	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
279	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
279	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
279	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
279	11:45 AM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
279	12:00 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
279	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
279	12:30 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
279	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
279	1:00 PM	0.25	3.3	1313	328	3.4	1387	347	0.2	73.8	18.4
279	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1

279	1:30 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
279	1:45 PM	0.25	6.2	2508	627	6.6	2656	664	0.4	147.6	36.9
279	2:00 PM	0.25	8.4	3364	841	9.3	3733	933	0.9	368.9	92.2
279	2:15 PM	0.25	9.6	3880	970	10.6	4249	1062	0.9	368.9	92.2
279	2:30 PM	0.25	10.2	4087	1022	11.0	4411	1103	0.8	324.6	81.1
279	2:45 PM	0.25	11.8	4736	1184	13.0	5238	1309	1.2	501.6	125.4
279	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
279	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
279	3:30 PM	0.25	17.3	6949	1737	19.1	7672	1918	1.8	722.9	180.7
279	3:45 PM	0.25	18.8	7584	1896	20.7	8321	2080	1.8	737.7	184.4
279	4:00 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
279	4:15 PM	0.25	26.1	10505	2626	29.3	11788	2947	3.2	1283.6	320.9
279	4:30 PM	0.25	28.8	11597	2899	32.2	12984	3246	3.4	1386.9	346.7
279	4:45 PM	0.25	33.7	13574	3393	37.8	15241	3810	4.1	1667.2	416.8
279	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
279	5:15 PM	0.25	48.9	19711	4928	53.9	21703	5426	4.9	1992.0	498.0
279	5:30 PM	0.24	60.5	24374	5840	66.7	26853	6434	6.2	2478.9	594.0
279	5:44 PM	0.00	86.9	34998	0	87.6	35293	0	0.7	295.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
280	8:11 AM	0.06	48.3	19446	1071	48.3	19446	1071	0.0	0.0	0.0
280	8:15 AM	0.25	48.6	19564	4891	48.6	19564	4891	0.0	0.0	0.0
280	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
280	8:45 AM	0.25	26.3	10579	2645	26.3	10579	2645	0.0	0.0	0.0
280	9:00 AM	0.25	16.8	6757	1689	16.8	6757	1689	0.0	0.0	0.0
280	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
280	9:30 AM	0.25	11.5	4648	1162	11.5	4648	1162	0.0	0.0	0.0
280	9:45 AM	0.25	9.0	3630	907	9.0	3630	907	0.0	0.0	0.0
280	10:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
280	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
280	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
280	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
280	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
280	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
280	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
280	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
280	12:00 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
280	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
280	12:30 PM	0.25	4.9	1962	491	4.9	1962	491	0.0	0.0	0.0
280	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
280	1:00 PM	0.25	3.3	1313	328	3.4	1387	347	0.2	73.8	18.4
280	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1
280	1:30 PM	0.25	5.9	2361	590	6.0	2434	609	0.2	73.8	18.4
280	1:45 PM	0.25	6.7	2685	671	7.1	2848	712	0.4	162.3	40.6
280	2:00 PM	0.25	8.4	3364	841	9.3	3733	933	0.9	368.9	92.2
280	2:15 PM	0.25	9.6	3880	970	10.6	4249	1062	0.9	368.9	92.2
280	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
280	2:45 PM	0.25	11.8	4736	1184	13.0	5238	1309	1.2	501.6	125.4
280	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
280	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
280	3:30 PM	0.25	17.3	6949	1737	19.1	7672	1918	1.8	722.9	180.7
280	3:45 PM	0.25	18.8	7584	1896	20.7	8321	2080	1.8	737.7	184.4
280	4:00 PM	0.25	23.2	9339	2335	25.6	10298	2575	2.4	959.0	239.8
280	4:15 PM	0.25	26.1	10505	2626	29.3	11788	2947	3.2	1283.6	320.9
280	4:30 PM	0.25	28.8	11597	2899	32.2	12984	3246	3.4	1386.9	346.7
280	4:45 PM	0.25	37.6	15138	3784	41.7	16805	4201	4.1	1667.2	416.8
280	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
280	5:15 PM	0.25	48.9	19711	4928	53.9	21703	5426	4.9	1992.0	498.0
280	5:30 PM	0.21	72.6	29243	6287	77.4	31176	6702	4.8	1932.9	415.5
280	5:42 PM	0.00	86.9	34998	0	87.6	35293	0	0.7	295.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
281	8:12 AM	0.04	48.6	19564	781	48.6	19564	781	0.0	0.0	0.0
281	8:15 AM	0.25	48.6	19564	4891	48.6	19564	4891	0.0	0.0	0.0
281	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
281	8:45 AM	0.25	26.3	10579	2645	26.3	10579	2645	0.0	0.0	0.0
281	9:00 AM	0.25	20.8	8366	2091	20.8	8366	2091	0.0	0.0	0.0

281	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
281	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
281	9:45 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
281	10:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
281	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
281	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
281	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
281	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
281	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
281	11:30 AM	0.25	5.7	2302	575	5.7	2302	575	0.0	0.0	0.0
281	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
281	12:00 PM	0.25	5.1	2036	509	5.1	2036	509	0.0	0.0	0.0
281	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
281	12:30 PM	0.25	4.4	1771	443	4.4	1771	443	0.0	0.0	0.0
281	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
281	1:00 PM	0.25	3.3	1313	328	3.4	1387	347	0.2	73.8	18.4
281	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1
281	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
281	1:45 PM	0.25	6.7	2685	671	7.1	2848	712	0.4	162.3	40.6
281	2:00 PM	0.25	8.4	3364	841	9.3	3733	933	0.9	368.9	92.2
281	2:15 PM	0.25	9.6	3880	970	10.6	4249	1062	0.9	368.9	92.2
281	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
281	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
281	3:00 PM	0.25	13.6	5474	1368	15.2	6138	1534	1.7	664.0	166.0
281	3:15 PM	0.25	15.1	6093	1523	16.5	6639	1660	1.4	545.9	136.5
281	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
281	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4
281	4:00 PM	0.25	23.2	9339	2335	25.6	10298	2575	2.4	959.0	239.8
281	4:15 PM	0.25	25.8	10387	2597	28.6	11538	2884	2.9	1150.8	287.7
281	4:30 PM	0.25	28.8	11597	2899	32.2	12984	3246	3.4	1386.9	346.7
281	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
281	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
281	5:15 PM	0.25	48.9	19711	4928	53.9	21703	5426	4.9	1992.0	498.0
281	5:30 PM	0.19	70.9	28564	5442	76.1	30660	5841	5.2	2095.2	399.2
281	5:41 PM	0.00	87.0	35042	0	88.0	35440	0	1.0	398.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
282	8:13 AM	0.02	48.6	19564	482	48.6	19564	482	0.0	0.0	0.0
282	8:15 AM	0.25	48.6	19564	4891	48.6	19564	4891	0.0	0.0	0.0
282	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
282	8:45 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
282	9:00 AM	0.25	20.8	8366	2091	20.8	8366	2091	0.0	0.0	0.0
282	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
282	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
282	9:45 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
282	10:00 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
282	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
282	10:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
282	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
282	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
282	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
282	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
282	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
282	12:00 PM	0.25	4.7	1903	476	4.7	1903	476	0.0	0.0	0.0
282	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
282	12:30 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
282	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
282	1:00 PM	0.25	3.3	1313	328	3.4	1387	347	0.2	73.8	18.4
282	1:15 PM	0.25	5.2	2110	527	5.4	2154	539	0.1	44.3	11.1
282	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
282	1:45 PM	0.25	6.7	2685	671	7.1	2848	712	0.4	162.3	40.6
282	2:00 PM	0.25	8.7	3511	878	9.5	3836	959	0.8	324.6	81.2
282	2:15 PM	0.25	9.6	3880	970	10.6	4249	1062	0.9	368.9	92.2
282	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
282	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
282	3:00 PM	0.25	14.3	5739	1435	15.6	6285	1571	1.4	545.9	136.5
282	3:15 PM	0.25	16.2	6507	1627	17.6	7097	1774	1.5	590.2	147.5
282	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
282	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4

282	4:00 PM	0.25	23.2	9339	2335	25.6	10298	2575	2.4	959.0	239.8
282	4:15 PM	0.25	25.8	10387	2597	28.6	11538	2884	2.9	1150.8	287.7
282	4:30 PM	0.25	31.9	12836	3209	35.6	14326	3582	3.7	1490.1	372.5
282	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
282	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
282	5:15 PM	0.25	56.6	22810	5702	62.9	25348	6337	6.3	2537.9	634.5
282	5:30 PM	0.17	70.9	28564	4748	76.1	30660	5096	5.2	2095.2	348.2
282	5:39 PM	0.00	87.0	35042	0	88.0	35440	0	1.0	398.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
283	8:14 AM	0.01	48.6	19564	181	48.6	19564	181	0.0	0.0	0.0
283	8:15 AM	0.25	48.6	19564	4891	48.6	19564	4891	0.0	0.0	0.0
283	8:30 AM	0.25	32.3	12998	3250	32.3	12998	3250	0.0	0.0	0.0
283	8:45 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
283	9:00 AM	0.25	20.8	8366	2091	20.8	8366	2091	0.0	0.0	0.0
283	9:15 AM	0.25	13.2	5326	1332	13.2	5326	1332	0.0	0.0	0.0
283	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
283	9:45 AM	0.25	9.5	3836	959	9.5	3836	959	0.0	0.0	0.0
283	10:00 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
283	10:15 AM	0.25	6.4	2567	642	6.4	2567	642	0.0	0.0	0.0
283	10:30 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
283	10:45 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
283	11:00 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
283	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
283	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
283	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
283	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
283	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
283	12:30 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
283	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
283	1:00 PM	0.25	3.4	1387	347	3.6	1461	365	0.2	73.8	18.4
283	1:15 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
283	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
283	1:45 PM	0.25	6.7	2685	671	7.1	2848	712	0.4	162.3	40.6
283	2:00 PM	0.25	8.7	3511	878	9.5	3836	959	0.8	324.6	81.2
283	2:15 PM	0.25	9.6	3880	970	10.6	4249	1062	0.9	368.9	92.2
283	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
283	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
283	3:00 PM	0.25	13.9	5607	1402	15.6	6285	1571	1.7	678.7	169.7
283	3:15 PM	0.25	16.2	6507	1627	17.6	7097	1774	1.5	590.2	147.5
283	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
283	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4
283	4:00 PM	0.25	23.2	9339	2335	25.6	10298	2575	2.4	959.0	239.8
283	4:15 PM	0.25	25.8	10387	2597	28.6	11538	2884	2.9	1150.8	287.7
283	4:30 PM	0.25	31.9	12836	3209	35.6	14326	3582	3.7	1490.1	372.5
283	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
283	5:00 PM	0.25	42.6	17144	4286	47.5	19136	4784	5.0	1991.8	498.0
283	5:15 PM	0.25	56.6	22810	5702	62.9	25348	6337	6.3	2537.9	634.5
283	5:30 PM	0.14	70.9	28564	4058	76.1	30660	4356	5.2	2095.2	297.7
283	5:38 PM	0.00	87.0	35042	0	88.0	35440	0	1.0	398.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
284	8:15 AM	0.24	48.6	19564	4770	48.6	19564	4770	0.0	0.0	0.0
284	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
284	8:45 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
284	9:00 AM	0.25	20.8	8366	2091	20.8	8366	2091	0.0	0.0	0.0
284	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
284	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
284	9:45 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
284	10:00 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
284	10:15 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
284	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
284	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
284	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
284	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
284	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
284	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0

284	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
284	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
284	12:30 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
284	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
284	1:00 PM	0.25	3.4	1387	347	3.6	1461	365	0.2	73.8	18.4
284	1:15 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
284	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
284	1:45 PM	0.25	6.7	2685	671	7.1	2848	712	0.4	162.3	40.6
284	2:00 PM	0.25	8.7	3511	878	9.5	3836	959	0.8	324.6	81.2
284	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
284	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
284	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
284	3:00 PM	0.25	13.9	5607	1402	15.6	6285	1571	1.7	678.7	169.7
284	3:15 PM	0.25	16.2	6507	1627	17.6	7097	1774	1.5	590.2	147.5
284	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
284	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4
284	4:00 PM	0.25	23.2	9339	2335	25.6	10298	2575	2.4	959.0	239.8
284	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
284	4:30 PM	0.25	31.9	12836	3209	35.6	14326	3582	3.7	1490.1	372.5
284	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
284	5:00 PM	0.25	42.0	16923	4231	46.8	18841	4710	4.8	1918.0	479.5
284	5:15 PM	0.25	56.6	22810	5702	62.9	25348	6337	6.3	2537.9	634.5
284	5:30 PM	0.12	70.9	28564	3374	76.1	30660	3622	5.2	2095.2	247.5
284	5:37 PM	0.00	87.0	35042	0	88.0	35440	0	1.0	398.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
285	8:16 AM	0.23	47.2	19003	4338	47.2	19003	4338	0.0	0.0	0.0
285	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
285	8:45 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
285	9:00 AM	0.25	20.8	8366	2091	20.8	8366	2091	0.0	0.0	0.0
285	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
285	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
285	9:45 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
285	10:00 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
285	10:15 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
285	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
285	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
285	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
285	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
285	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
285	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
285	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
285	12:15 PM	0.25	4.4	1785	446	4.4	1785	446	0.0	0.0	0.0
285	12:30 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
285	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
285	1:00 PM	0.25	3.4	1387	347	3.6	1461	365	0.2	73.8	18.4
285	1:15 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
285	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
285	1:45 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
285	2:00 PM	0.25	8.7	3511	878	9.5	3836	959	0.8	324.6	81.2
285	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
285	2:30 PM	0.25	10.2	4116	1029	11.4	4603	1151	1.2	486.9	121.7
285	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
285	3:00 PM	0.25	13.9	5607	1402	15.6	6285	1571	1.7	678.7	169.7
285	3:15 PM	0.25	16.2	6507	1627	17.6	7097	1774	1.5	590.2	147.5
285	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
285	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4
285	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
285	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
285	4:30 PM	0.25	31.9	12836	3209	35.6	14326	3582	3.7	1490.1	372.5
285	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
285	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
285	5:15 PM	0.25	56.6	22810	5702	62.9	25348	6337	6.3	2537.9	634.5
285	5:30 PM	0.09	70.9	28564	2696	76.1	30660	2893	5.2	2095.2	197.7
285	5:35 PM	0.00	86.7	34939	0	87.8	35381	0	1.1	442.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR

286	8:17 AM	0.21	47.2	19003	4041	47.2	19003	4041	0.0	0.0	0.0
286	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
286	8:45 AM	0.25	25.8	10372	2593	25.8	10372	2593	0.0	0.0	0.0
286	9:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
286	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
286	9:30 AM	0.25	11.1	4471	1118	11.1	4471	1118	0.0	0.0	0.0
286	9:45 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
286	10:00 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
286	10:15 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
286	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
286	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
286	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
286	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
286	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
286	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
286	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
286	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
286	12:30 PM	0.25	4.2	1697	424	4.2	1697	424	0.0	0.0	0.0
286	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
286	1:00 PM	0.25	3.4	1387	347	3.6	1461	365	0.2	73.8	18.4
286	1:15 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
286	1:30 PM	0.25	6.1	2449	612	6.3	2523	631	0.2	73.8	18.4
286	1:45 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
286	2:00 PM	0.25	8.7	3511	878	9.5	3836	959	0.8	324.6	81.2
286	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
286	2:30 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
286	2:45 PM	0.25	12.1	4884	1221	13.6	5459	1365	1.4	575.4	143.8
286	3:00 PM	0.25	13.9	5607	1402	15.6	6285	1571	1.7	678.7	169.7
286	3:15 PM	0.25	16.2	6507	1627	17.6	7097	1774	1.5	590.2	147.5
286	3:30 PM	0.25	18.2	7318	1830	19.8	7967	1992	1.6	649.2	162.3
286	3:45 PM	0.25	20.8	8395	2099	22.7	9133	2283	1.8	737.7	184.4
286	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
286	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
286	4:30 PM	0.25	31.4	12659	3165	35.2	14164	3541	3.7	1504.9	376.2
286	4:45 PM	0.25	37.0	14887	3722	40.9	16465	4116	3.9	1578.6	394.7
286	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
286	5:15 PM	0.25	56.6	22810	5702	62.9	25348	6337	6.3	2537.9	634.5
286	5:30 PM	0.07	86.7	34939	2474	87.8	35381	2506	1.1	442.6	31.4
286	5:34 PM	0.00	86.7	34939	0	87.8	35381	0	1.1	442.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
287	8:18 AM	0.20	47.2	19003	3742	47.2	19003	3742	0.0	0.0	0.0
287	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
287	8:45 AM	0.25	30.6	12334	3084	30.6	12334	3084	0.0	0.0	0.0
287	9:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
287	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
287	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
287	9:45 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
287	10:00 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
287	10:15 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
287	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
287	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
287	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
287	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
287	11:30 AM	0.25	5.8	2331	583	5.8	2331	583	0.0	0.0	0.0
287	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
287	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
287	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
287	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
287	12:45 PM	0.25	2.9	1180	295	2.9	1180	295	0.0	0.0	0.0
287	1:00 PM	0.25	3.4	1387	347	3.6	1461	365	0.2	73.8	18.4
287	1:15 PM	0.25	5.4	2169	542	5.6	2243	561	0.2	73.8	18.4
287	1:30 PM	0.25	7.0	2818	705	7.1	2848	712	0.1	29.5	7.4
287	1:45 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
287	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
287	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
287	2:30 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
287	2:45 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
287	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7

287	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
287	3:30 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
287	3:45 PM	0.25	22.3	8970	2243	24.5	9885	2471	2.3	914.8	228.7
287	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
287	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
287	4:30 PM	0.25	31.4	12659	3165	35.2	14164	3541	3.7	1504.9	376.2
287	4:45 PM	0.25	41.1	16539	4135	45.5	18310	4577	4.4	1770.5	442.6
287	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
287	5:15 PM	0.25	55.5	22338	5584	61.3	24699	6175	5.9	2360.8	590.2
287	5:30 PM	0.05	86.7	34939	1658	87.8	35381	1679	1.1	442.6	21.0
287	5:32 PM	0.00	86.7	34939	0	87.8	35381	0	1.1	442.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
288	8:19 AM	0.18	47.2	19003	3441	47.2	19003	3441	0.0	0.0	0.0
288	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
288	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
288	9:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
288	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
288	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
288	9:45 AM	0.25	9.3	3762	941	9.3	3762	941	0.0	0.0	0.0
288	10:00 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
288	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
288	10:30 AM	0.25	6.1	2449	612	6.1	2449	612	0.0	0.0	0.0
288	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
288	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
288	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0
288	11:30 AM	0.25	5.8	2316	579	5.8	2316	579	0.0	0.0	0.0
288	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
288	12:00 PM	0.25	4.9	1977	494	4.9	1977	494	0.0	0.0	0.0
288	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
288	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
288	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
288	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
288	1:15 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
288	1:30 PM	0.25	7.0	2818	705	7.1	2848	712	0.1	29.5	7.4
288	1:45 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
288	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
288	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
288	2:30 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
288	2:45 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
288	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
288	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
288	3:30 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
288	3:45 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
288	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
288	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
288	4:30 PM	0.25	31.4	12659	3165	35.2	14164	3541	3.7	1504.9	376.2
288	4:45 PM	0.25	41.1	16539	4135	45.5	18310	4577	4.4	1770.5	442.6
288	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
288	5:15 PM	0.25	55.5	22338	5584	61.3	24699	6175	5.9	2360.8	590.2
288	5:30 PM	0.02	86.7	34939	850	87.8	35381	861	1.1	442.6	10.8
288	5:31 PM	0.00	86.7	34939	0	87.8	35381	0	1.1	442.6	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
289	8:20 AM	0.17	45.4	18295	3021	45.4	18295	3021	0.0	0.0	0.0
289	8:30 AM	0.25	37.5	15108	3777	37.5	15108	3777	0.0	0.0	0.0
289	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
289	9:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
289	9:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
289	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
289	9:45 AM	0.25	11.1	4456	1114	11.1	4456	1114	0.0	0.0	0.0
289	10:00 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
289	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
289	10:30 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
289	10:45 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
289	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
289	11:15 AM	0.25	6.3	2538	634	6.3	2538	634	0.0	0.0	0.0

289	11:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
289	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
289	12:00 PM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
289	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
289	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
289	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
289	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
289	1:15 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
289	1:30 PM	0.25	7.0	2818	705	7.1	2848	712	0.1	29.5	7.4
289	1:45 PM	0.25	7.4	2995	749	7.8	3143	786	0.4	147.5	36.9
289	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
289	2:15 PM	0.25	10.5	4220	1055	11.2	4500	1125	0.7	280.3	70.1
289	2:30 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
289	2:45 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
289	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
289	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
289	3:30 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
289	3:45 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
289	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
289	4:15 PM	0.25	28.2	11346	2836	31.6	12733	3183	3.4	1386.9	346.7
289	4:30 PM	0.25	36.7	14798	3700	41.0	16495	4124	4.2	1696.7	424.2
289	4:45 PM	0.25	40.7	16392	4098	45.6	18354	4588	4.9	1962.3	490.6
289	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
289	5:15 PM	0.25	67.0	26986	6746	72.4	29140	7285	5.3	2154.2	538.6
289	5:30 PM	0.00	85.6	34481	49	86.8	34953	50	1.2	472.2	0.7
289	5:30 PM	0.00	85.6	34481	0	86.8	34953	0	1.2	472.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
290	8:21 AM	0.15	45.4	18295	2728	45.4	18295	2728	0.0	0.0	0.0
290	8:30 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
290	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
290	9:00 AM	0.25	19.6	7879	1970	19.6	7879	1970	0.0	0.0	0.0
290	9:15 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
290	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
290	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
290	10:00 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
290	10:15 AM	0.25	6.7	2685	671	6.7	2685	671	0.0	0.0	0.0
290	10:30 AM	0.25	6.2	2508	627	6.2	2508	627	0.0	0.0	0.0
290	10:45 AM	0.25	6.4	2582	645	6.4	2582	645	0.0	0.0	0.0
290	11:00 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
290	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
290	11:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
290	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
290	12:00 PM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
290	12:15 PM	0.25	4.4	1756	439	4.4	1756	439	0.0	0.0	0.0
290	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
290	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
290	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
290	1:15 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
290	1:30 PM	0.25	7.0	2818	705	7.1	2848	712	0.1	29.5	7.4
290	1:45 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
290	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
290	2:15 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
290	2:30 PM	0.25	11.0	4426	1107	12.2	4898	1225	1.2	472.2	118.0
290	2:45 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
290	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
290	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
290	3:30 PM	0.25	20.3	8189	2047	22.1	8911	2228	1.8	722.9	180.7
290	3:45 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
290	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
290	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
290	4:30 PM	0.25	36.7	14798	3700	41.0	16495	4124	4.2	1696.7	424.2
290	4:45 PM	0.25	40.7	16392	4098	45.6	18354	4588	4.9	1962.3	490.6
290	5:00 PM	0.25	48.0	19328	4832	53.1	21393	5348	5.1	2065.7	516.4
290	5:15 PM	0.23	67.0	26986	6173	72.4	29140	6666	5.3	2154.2	492.8
290	5:28 PM	0.00	85.6	34481	0	86.8	34953	0	1.2	472.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR

291	8:22 AM	0.13	45.4	18295	2434	45.4	18295	2434	0.0	0.0	0.0
291	8:30 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
291	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
291	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
291	9:15 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
291	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
291	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
291	10:00 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
291	10:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
291	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
291	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
291	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
291	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
291	11:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
291	11:45 AM	0.25	5.2	2080	520	5.2	2080	520	0.0	0.0	0.0
291	12:00 PM	0.25	5.4	2154	539	5.4	2154	539	0.0	0.0	0.0
291	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
291	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
291	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
291	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
291	1:15 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
291	1:30 PM	0.25	7.0	2818	705	7.1	2848	712	0.1	29.5	7.4
291	1:45 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
291	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
291	2:15 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
291	2:30 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
291	2:45 PM	0.25	13.4	5385	1346	14.8	5975	1494	1.5	590.1	147.5
291	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7
291	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
291	3:30 PM	0.25	19.9	7997	1999	21.6	8690	2173	1.7	693.4	173.4
291	3:45 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
291	4:00 PM	0.25	24.8	9974	2493	27.7	11154	2789	2.9	1180.3	295.1
291	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
291	4:30 PM	0.25	36.7	14798	3700	41.0	16495	4124	4.2	1696.7	424.2
291	4:45 PM	0.25	40.7	16392	4098	45.6	18354	4588	4.9	1962.3	490.6
291	5:00 PM	0.25	54.5	21939	5485	60.2	24241	6060	5.7	2301.8	575.5
291	5:15 PM	0.21	67.0	26986	5568	72.4	29140	6013	5.3	2154.2	444.5
291	5:27 PM	0.00	85.6	34481	0	86.8	34953	0	1.2	472.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
292	8:22 AM	0.12	45.4	18295	2137	45.4	18295	2137	0.0	0.0	0.0
292	8:30 AM	0.25	36.7	14769	3692	36.7	14769	3692	0.0	0.0	0.0
292	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
292	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
292	9:15 AM	0.25	15.3	6152	1538	15.3	6152	1538	0.0	0.0	0.0
292	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
292	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
292	10:00 AM	0.25	9.8	3954	989	9.8	3954	989	0.0	0.0	0.0
292	10:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
292	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
292	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
292	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
292	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
292	11:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
292	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
292	12:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
292	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
292	12:30 PM	0.25	5.0	1992	498	5.0	1992	498	0.0	0.0	0.0
292	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
292	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
292	1:15 PM	0.25	6.0	2405	601	6.2	2479	620	0.2	73.8	18.4
292	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
292	1:45 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
292	2:00 PM	0.25	9.5	3807	952	10.4	4175	1044	0.9	368.8	92.2
292	2:15 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
292	2:30 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
292	2:45 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
292	3:00 PM	0.25	15.2	6138	1534	17.0	6861	1715	1.8	722.9	180.7

292	3:15 PM	0.25	18.0	7230	1807	19.6	7908	1977	1.7	678.7	169.7
292	3:30 PM	0.25	19.9	7997	1999	21.6	8690	2173	1.7	693.4	173.4
292	3:45 PM	0.25	21.9	8823	2206	24.1	9693	2423	2.2	870.5	217.6
292	4:00 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
292	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
292	4:30 PM	0.25	36.7	14798	3700	41.0	16495	4124	4.2	1696.7	424.2
292	4:45 PM	0.25	40.7	16392	4098	45.6	18354	4588	4.9	1962.3	490.6
292	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
292	5:15 PM	0.18	67.0	26986	4970	72.4	29140	5367	5.3	2154.2	396.8
292	5:26 PM	0.00	85.6	34481	0	86.8	34953	0	1.2	472.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
293	8:23 AM	0.10	44.2	17808	1790	44.2	17808	1790	0.0	0.0	0.0
293	8:30 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0
293	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
293	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
293	9:15 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
293	9:30 AM	0.25	12.3	4957	1239	12.3	4957	1239	0.0	0.0	0.0
293	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
293	10:00 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
293	10:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
293	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
293	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
293	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
293	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
293	11:30 AM	0.25	5.9	2390	598	5.9	2390	598	0.0	0.0	0.0
293	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
293	12:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
293	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
293	12:30 PM	0.25	5.4	2184	546	5.4	2184	546	0.0	0.0	0.0
293	12:45 PM	0.25	3.4	1357	339	3.4	1357	339	0.0	0.0	0.0
293	1:00 PM	0.25	4.0	1623	406	4.4	1771	443	0.4	147.6	36.9
293	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
293	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
293	1:45 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
293	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
293	2:15 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
293	2:30 PM	0.25	12.4	4987	1247	14.2	5725	1431	1.8	737.7	184.4
293	2:45 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
293	3:00 PM	0.25	17.4	7023	1756	19.2	7731	1933	1.8	708.2	177.1
293	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
293	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
293	3:45 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
293	4:00 PM	0.25	28.5	11464	2866	31.9	12865	3216	3.5	1401.6	350.4
293	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
293	4:30 PM	0.25	36.7	14798	3700	41.0	16495	4124	4.2	1696.7	424.2
293	4:45 PM	0.25	40.7	16392	4098	45.6	18354	4588	4.9	1962.3	490.6
293	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
293	5:15 PM	0.16	67.0	26986	4379	72.4	29140	4729	5.3	2154.2	349.6
293	5:24 PM	0.00	84.0	33832	0	85.3	34348	0	1.3	516.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
294	8:24 AM	0.08	44.2	17808	1498	44.2	17808	1498	0.0	0.0	0.0
294	8:30 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0
294	8:45 AM	0.25	30.1	12113	3028	30.1	12113	3028	0.0	0.0	0.0
294	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
294	9:15 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
294	9:30 AM	0.25	12.3	4943	1236	12.3	4943	1236	0.0	0.0	0.0
294	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
294	10:00 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
294	10:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
294	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
294	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
294	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
294	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
294	11:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
294	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0

294	12:00 PM	0.25	5.3	2125	531	5.3	2125	531	0.0	0.0	0.0
294	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
294	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
294	12:45 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
294	1:00 PM	0.25	4.3	1711	428	4.4	1785	446	0.2	73.8	18.4
294	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
294	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
294	1:45 PM	0.25	8.4	3379	845	9.1	3659	915	0.7	280.3	70.1
294	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
294	2:15 PM	0.25	11.0	4441	1110	11.8	4736	1184	0.7	295.1	73.8
294	2:30 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
294	2:45 PM	0.25	15.0	6034	1509	16.7	6728	1682	1.7	693.4	173.4
294	3:00 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
294	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
294	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
294	3:45 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
294	4:00 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
294	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
294	4:30 PM	0.25	37.0	14916	3729	41.1	16539	4135	4.0	1623.0	405.7
294	4:45 PM	0.25	46.5	18738	4684	52.6	21172	5293	6.0	2434.6	608.6
294	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
294	5:15 PM	0.14	67.0	26986	3796	72.4	29140	4099	5.3	2154.2	303.0
294	5:23 PM	0.00	84.0	33832	0	85.3	34348	0	1.3	516.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
295	8:25 AM	0.07	44.2	17808	1204	44.2	17808	1204	0.0	0.0	0.0
295	8:30 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0
295	8:45 AM	0.25	29.2	11759	2940	29.2	11759	2940	0.0	0.0	0.0
295	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
295	9:15 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
295	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
295	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
295	10:00 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
295	10:15 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
295	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
295	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
295	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
295	11:15 AM	0.25	6.5	2626	657	6.5	2626	657	0.0	0.0	0.0
295	11:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
295	11:45 AM	0.25	5.5	2213	553	5.5	2213	553	0.0	0.0	0.0
295	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
295	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
295	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
295	12:45 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
295	1:00 PM	0.25	4.3	1711	428	4.4	1785	446	0.2	73.8	18.4
295	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
295	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
295	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
295	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
295	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
295	2:30 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
295	2:45 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
295	3:00 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
295	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
295	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
295	3:45 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
295	4:00 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
295	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
295	4:30 PM	0.25	37.0	14916	3729	41.1	16539	4135	4.0	1623.0	405.7
295	4:45 PM	0.25	46.5	18738	4684	52.6	21172	5293	6.0	2434.6	608.6
295	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
295	5:15 PM	0.12	65.9	26558	3169	71.6	28830	3440	5.6	2272.3	271.1
295	5:22 PM	0.00	84.0	33832	0	85.3	34348	0	1.3	516.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
296	8:26 AM	0.05	44.2	17808	908	44.2	17808	908	0.0	0.0	0.0
296	8:30 AM	0.25	44.2	17808	4452	44.2	17808	4452	0.0	0.0	0.0

296	8:45 AM	0.25	29.2	11759	2940	29.2	11759	2940	0.0	0.0	0.0
296	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
296	9:15 AM	0.25	19.1	7672	1918	19.1	7672	1918	0.0	0.0	0.0
296	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
296	9:45 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
296	10:00 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
296	10:15 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
296	10:30 AM	0.25	6.5	2611	653	6.5	2611	653	0.0	0.0	0.0
296	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
296	11:00 AM	0.25	6.8	2730	682	6.8	2730	682	0.0	0.0	0.0
296	11:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
296	11:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
296	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
296	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
296	12:15 PM	0.25	5.0	2021	505	5.0	2021	505	0.0	0.0	0.0
296	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
296	12:45 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
296	1:00 PM	0.25	4.3	1711	428	4.4	1785	446	0.2	73.8	18.4
296	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
296	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
296	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
296	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
296	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
296	2:30 PM	0.25	12.2	4898	1225	13.8	5548	1387	1.6	649.2	162.3
296	2:45 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
296	3:00 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
296	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
296	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
296	3:45 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0
296	4:00 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
296	4:15 PM	0.25	32.7	13161	3290	36.4	14651	3663	3.7	1490.2	372.5
296	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
296	4:45 PM	0.25	46.5	18738	4684	52.6	21172	5293	6.0	2434.6	608.6
296	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
296	5:15 PM	0.10	83.1	33463	3288	83.9	33773	3319	0.8	309.9	30.5
296	5:20 PM	0.00	84.0	33832	0	85.3	34348	0	1.3	516.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
297	8:27 AM	0.03	44.2	17808	611	44.2	17808	611	0.0	0.0	0.0
297	8:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
297	8:45 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
297	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
297	9:15 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
297	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
297	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
297	10:00 AM	0.25	9.4	3792	948	9.4	3792	948	0.0	0.0	0.0
297	10:15 AM	0.25	6.9	2789	697	6.9	2789	697	0.0	0.0	0.0
297	10:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
297	10:45 AM	0.25	6.9	2774	693	6.9	2774	693	0.0	0.0	0.0
297	11:00 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
297	11:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
297	11:30 AM	0.25	6.2	2479	620	6.2	2479	620	0.0	0.0	0.0
297	11:45 AM	0.25	5.3	2139	535	5.3	2139	535	0.0	0.0	0.0
297	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
297	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
297	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
297	12:45 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
297	1:00 PM	0.25	4.3	1711	428	4.4	1785	446	0.2	73.8	18.4
297	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
297	1:30 PM	0.25	7.4	2966	741	7.6	3039	760	0.2	73.8	18.4
297	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
297	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
297	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
297	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
297	2:45 PM	0.25	14.2	5710	1427	15.7	6315	1579	1.5	604.9	151.2
297	3:00 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
297	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
297	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
297	3:45 PM	0.25	24.9	10047	2512	27.2	10947	2737	2.2	900.0	225.0

297	4:00 PM	0.25	27.7	11169	2792	31.1	12541	3135	3.4	1372.1	343.0
297	4:15 PM	0.25	38.0	15285	3821	41.5	16731	4183	3.6	1445.9	361.5
297	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
297	4:45 PM	0.25	46.5	18738	4684	52.6	21172	5293	6.0	2434.6	608.6
297	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
297	5:15 PM	0.08	83.1	33463	2594	83.9	33773	2618	0.8	309.9	24.0
297	5:19 PM	0.00	84.0	33832	0	85.3	34348	0	1.3	516.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
298	8:28 AM	0.02	42.4	17085	299	42.4	17085	299	0.0	0.0	0.0
298	8:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
298	8:45 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
298	9:00 AM	0.25	23.8	9590	2398	23.8	9590	2398	0.0	0.0	0.0
298	9:15 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
298	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
298	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
298	10:00 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
298	10:15 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
298	10:30 AM	0.25	6.6	2656	664	6.6	2656	664	0.0	0.0	0.0
298	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
298	11:00 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
298	11:15 AM	0.25	6.9	2759	690	6.9	2759	690	0.0	0.0	0.0
298	11:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
298	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
298	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
298	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
298	12:30 PM	0.25	4.0	1608	402	4.0	1608	402	0.0	0.0	0.0
298	12:45 PM	0.25	3.7	1475	369	3.7	1475	369	0.0	0.0	0.0
298	1:00 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
298	1:15 PM	0.25	6.3	2538	634	6.5	2611	653	0.2	73.8	18.4
298	1:30 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
298	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
298	2:00 PM	0.25	10.5	4220	1055	11.6	4662	1166	1.1	442.6	110.7
298	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
298	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
298	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
298	3:00 PM	0.25	17.0	6861	1715	18.9	7598	1900	1.8	737.7	184.4
298	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
298	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
298	3:45 PM	0.25	25.2	10151	2538	27.7	11154	2789	2.5	1003.3	250.8
298	4:00 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
298	4:15 PM	0.25	38.0	15285	3821	41.5	16731	4183	3.6	1445.9	361.5
298	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
298	4:45 PM	0.25	47.0	18929	4732	52.1	20966	5241	5.1	2036.2	509.1
298	5:00 PM	0.25	54.0	21748	5437	60.3	24271	6068	6.3	2523.1	630.8
298	5:15 PM	0.06	83.1	33463	1910	83.9	33773	1928	0.8	309.9	17.7
298	5:18 PM	0.00	83.1	33463	0	83.9	33773	0	0.8	309.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
299	8:29 AM	0.00	42.4	17085	11	42.4	17085	11	0.0	0.0	0.0
299	8:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
299	8:45 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
299	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
299	9:15 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
299	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
299	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
299	10:00 AM	0.25	10.8	4352	1088	10.8	4352	1088	0.0	0.0	0.0
299	10:15 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
299	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
299	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
299	11:00 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
299	11:15 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
299	11:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
299	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
299	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
299	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
299	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0

299	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
299	1:00 PM	0.25	5.1	2051	513	5.3	2139	535	0.2	88.5	22.1
299	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
299	1:30 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
299	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
299	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
299	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
299	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
299	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
299	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
299	3:15 PM	0.25	19.3	7761	1940	21.0	8469	2117	1.8	708.2	177.0
299	3:30 PM	0.25	22.1	8882	2220	24.0	9649	2412	1.9	767.2	191.8
299	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
299	4:00 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
299	4:15 PM	0.25	38.4	15447	3862	42.2	17011	4253	3.9	1563.9	391.0
299	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
299	4:45 PM	0.25	47.0	18929	4732	52.1	20966	5241	5.1	2036.2	509.1
299	5:00 PM	0.25	64.5	25997	6499	70.2	28254	7064	5.6	2257.5	564.4
299	5:15 PM	0.04	83.1	33463	1237	83.9	33773	1249	0.8	309.9	11.5
299	5:17 PM	0.00	83.1	33463	0	83.9	33773	0	0.8	309.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
300	8:30 AM	0.23	42.4	17085	3992	42.4	17085	3992	0.0	0.0	0.0
300	8:45 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
300	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
300	9:15 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
300	9:30 AM	0.25	14.7	5916	1479	14.7	5916	1479	0.0	0.0	0.0
300	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
300	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
300	10:15 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
300	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
300	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
300	11:00 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
300	11:15 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
300	11:30 AM	0.25	6.0	2420	605	6.0	2420	605	0.0	0.0	0.0
300	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
300	12:00 PM	0.25	5.2	2110	527	5.2	2110	527	0.0	0.0	0.0
300	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
300	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
300	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
300	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
300	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
300	1:30 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
300	1:45 PM	0.25	9.2	3718	930	10.0	4043	1011	0.8	324.6	81.2
300	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
300	2:15 PM	0.25	11.8	4751	1188	12.7	5120	1280	0.9	368.8	92.2
300	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
300	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
300	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
300	3:15 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
300	3:30 PM	0.25	24.9	10018	2504	27.4	11021	2755	2.5	1003.3	250.8
300	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
300	4:00 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
300	4:15 PM	0.25	38.4	15447	3862	42.2	17011	4253	3.9	1563.9	391.0
300	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
300	4:45 PM	0.25	47.0	18929	4732	52.1	20966	5241	5.1	2036.2	509.1
300	5:00 PM	0.25	64.5	25997	6499	70.2	28254	7064	5.6	2257.5	564.4
300	5:15 PM	0.02	83.1	33463	575	83.9	33773	581	0.8	309.9	5.3
300	5:16 PM	0.00	83.1	33463	0	83.9	33773	0	0.8	309.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
301	8:32 AM	0.22	42.4	17085	3701	42.4	17085	3701	0.0	0.0	0.0
301	8:45 AM	0.25	34.3	13810	3452	34.3	13810	3452	0.0	0.0	0.0
301	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
301	9:15 AM	0.25	18.6	7480	1870	18.6	7480	1870	0.0	0.0	0.0
301	9:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
301	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0

301	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
301	10:15 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
301	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
301	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
301	11:00 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
301	11:15 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
301	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
301	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
301	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
301	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
301	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
301	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
301	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
301	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
301	1:30 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
301	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
301	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
301	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
301	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
301	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
301	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
301	3:15 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
301	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
301	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
301	4:00 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
301	4:15 PM	0.25	38.4	15447	3862	42.2	17011	4253	3.9	1563.9	391.0
301	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
301	4:45 PM	0.25	53.7	21644	5411	60.0	24182	6046	6.3	2537.8	634.5
301	5:00 PM	0.25	63.7	25643	6353	70.0	28195	6986	6.3	2552.6	632.4
301	5:14 PM	0.00	83.1	33463	0	83.9	33773	0	0.8	309.9	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
302	8:33 AM	0.20	41.2	16583	3308	41.2	16583	3308	0.0	0.0	0.0
302	8:45 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
302	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
302	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
302	9:30 AM	0.25	14.0	5621	1405	14.0	5621	1405	0.0	0.0	0.0
302	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
302	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
302	10:15 AM	0.25	7.6	3054	764	7.6	3054	764	0.0	0.0	0.0
302	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
302	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
302	11:00 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
302	11:15 AM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
302	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
302	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
302	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
302	12:15 PM	0.25	5.0	2007	502	5.0	2007	502	0.0	0.0	0.0
302	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
302	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
302	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
302	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
302	1:30 PM	0.25	7.8	3143	786	8.2	3290	823	0.4	147.6	36.9
302	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
302	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
302	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
302	2:30 PM	0.25	13.7	5518	1380	15.5	6226	1557	1.8	708.2	177.1
302	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
302	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
302	3:15 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
302	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
302	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
302	4:00 PM	0.25	33.4	13456	3364	37.3	15005	3751	3.8	1549.2	387.3
302	4:15 PM	0.25	38.4	15447	3862	42.2	17011	4253	3.9	1563.9	391.0
302	4:30 PM	0.25	41.7	16790	4198	45.9	18472	4618	4.2	1681.9	420.5
302	4:45 PM	0.25	53.7	21644	5411	60.0	24182	6046	6.3	2537.8	634.5
302	5:00 PM	0.23	63.7	25643	5864	70.0	28195	6447	6.3	2552.6	583.7
302	5:13 PM	0.00	82.4	33183	0	82.7	33301	0	0.3	118.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
303	8:34 AM	0.18	41.2	16583	3022	41.2	16583	3022	0.0	0.0	0.0
303	8:45 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
303	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
303	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
303	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
303	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
303	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
303	10:15 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
303	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
303	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
303	11:00 AM	0.25	7.0	2818	705	7.0	2818	705	0.0	0.0	0.0
303	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
303	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
303	11:45 AM	0.25	5.5	2198	550	5.5	2198	550	0.0	0.0	0.0
303	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
303	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
303	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
303	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
303	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
303	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
303	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
303	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
303	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
303	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
303	2:30 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
303	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
303	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
303	3:15 PM	0.25	21.7	8734	2184	23.8	9590	2398	2.1	855.7	213.9
303	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
303	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
303	4:00 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
303	4:15 PM	0.25	38.4	15447	3862	42.2	17011	4253	3.9	1563.9	391.0
303	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
303	4:45 PM	0.25	53.7	21644	5411	60.0	24182	6046	6.3	2537.8	634.5
303	5:00 PM	0.21	63.7	25643	5383	70.0	28195	5919	6.3	2552.6	535.9
303	5:12 PM	0.00	82.4	33183	0	82.7	33301	0	0.3	118.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
304	8:35 AM	0.16	41.2	16583	2735	41.2	16583	2735	0.0	0.0	0.0
304	8:45 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
304	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
304	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
304	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
304	9:45 AM	0.25	12.2	4913	1228	12.2	4913	1228	0.0	0.0	0.0
304	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
304	10:15 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
304	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
304	10:45 AM	0.25	7.5	3025	756	7.5	3025	756	0.0	0.0	0.0
304	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
304	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
304	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
304	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
304	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
304	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
304	12:30 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
304	12:45 PM	0.25	4.1	1638	409	4.1	1638	409	0.0	0.0	0.0
304	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
304	1:15 PM	0.25	6.9	2774	693	7.1	2848	712	0.2	73.8	18.4
304	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
304	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
304	2:00 PM	0.25	11.7	4707	1177	12.5	5046	1261	0.8	339.4	84.8
304	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
304	2:30 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
304	2:45 PM	0.25	15.9	6389	1597	18.0	7244	1811	2.1	855.7	213.9
304	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
304	3:15 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4

304	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
304	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
304	4:00 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
304	4:15 PM	0.25	43.1	17351	4338	47.4	19077	4769	4.3	1726.2	431.6
304	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
304	4:45 PM	0.25	53.7	21644	5411	60.0	24182	6046	6.3	2537.8	634.5
304	5:00 PM	0.19	63.7	25643	4912	70.0	28195	5401	6.3	2552.6	489.0
304	5:11 PM	0.00	82.4	33183	0	82.7	33301	0	0.3	118.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
305	8:36 AM	0.15	41.2	16583	2447	41.2	16583	2447	0.0	0.0	0.0
305	8:45 AM	0.25	33.2	13382	3345	33.2	13382	3345	0.0	0.0	0.0
305	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
305	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
305	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
305	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
305	10:00 AM	0.25	10.9	4397	1099	10.9	4397	1099	0.0	0.0	0.0
305	10:15 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
305	10:30 AM	0.25	7.2	2907	727	7.2	2907	727	0.0	0.0	0.0
305	10:45 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
305	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
305	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
305	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
305	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
305	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
305	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
305	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
305	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
305	1:00 PM	0.25	6.0	2405	601	6.1	2464	616	0.2	59.0	14.8
305	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
305	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
305	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
305	2:00 PM	0.25	13.2	5311	1328	14.0	5636	1409	0.8	324.6	81.2
305	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
305	2:30 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
305	2:45 PM	0.25	18.4	7407	1852	20.6	8277	2069	2.2	870.5	217.6
305	3:00 PM	0.25	19.5	7864	1966	21.2	8528	2132	1.7	664.0	166.0
305	3:15 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
305	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
305	3:45 PM	0.25	28.4	11434	2859	31.6	12718	3179	3.2	1283.6	320.9
305	4:00 PM	0.25	32.6	13116	3279	36.3	14636	3659	3.8	1519.7	379.9
305	4:15 PM	0.25	43.1	17351	4338	47.4	19077	4769	4.3	1726.2	431.6
305	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
305	4:45 PM	0.25	53.7	21644	5411	60.0	24182	6046	6.3	2537.8	634.5
305	5:00 PM	0.17	63.7	25643	4451	70.0	28195	4894	6.3	2552.6	443.1
305	5:10 PM	0.00	82.4	33183	0	82.7	33301	0	0.3	118.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
306	8:37 AM	0.13	41.2	16583	2158	41.2	16583	2158	0.0	0.0	0.0
306	8:45 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
306	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
306	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
306	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
306	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
306	10:00 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
306	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
306	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
306	10:45 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
306	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
306	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
306	11:30 AM	0.25	6.3	2552	638	6.3	2552	638	0.0	0.0	0.0
306	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
306	12:00 PM	0.25	5.8	2346	586	5.8	2346	586	0.0	0.0	0.0
306	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
306	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
306	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
306	1:00 PM	0.25	6.3	2523	631	6.5	2611	653	0.2	88.5	22.1

306	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
306	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
306	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
306	2:00 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
306	2:15 PM	0.25	12.6	5090	1273	13.6	5474	1368	0.9	383.6	95.9
306	2:30 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
306	2:45 PM	0.25	18.4	7407	1852	20.6	8277	2069	2.2	870.5	217.6
306	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
306	3:15 PM	0.25	22.0	8852	2213	23.8	9590	2398	1.8	737.7	184.4
306	3:30 PM	0.25	25.2	10166	2541	27.6	11095	2774	2.3	929.5	232.4
306	3:45 PM	0.25	33.1	13338	3334	36.7	14769	3692	3.6	1431.1	357.8
306	4:00 PM	0.25	38.6	15551	3888	42.5	17100	4275	3.8	1549.2	387.3
306	4:15 PM	0.25	43.1	17351	4338	47.4	19077	4769	4.3	1726.2	431.6
306	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
306	4:45 PM	0.25	55.0	22161	5540	60.7	24433	6108	5.6	2272.3	568.1
306	5:00 PM	0.16	63.7	25643	4000	70.0	28195	4398	6.3	2552.6	398.2
306	5:09 PM	0.00	82.4	33183	0	82.7	33301	0	0.3	118.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
307	8:38 AM	0.11	39.8	16038	1806	39.8	16038	1806	0.0	0.0	0.0
307	8:45 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
307	9:00 AM	0.25	27.4	11021	2755	27.4	11021	2755	0.0	0.0	0.0
307	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
307	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
307	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
307	10:00 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
307	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
307	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
307	10:45 AM	0.25	7.4	2995	749	7.4	2995	749	0.0	0.0	0.0
307	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
307	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
307	11:30 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
307	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
307	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
307	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
307	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
307	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
307	1:00 PM	0.25	6.3	2523	631	6.5	2611	653	0.2	88.5	22.1
307	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
307	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
307	1:45 PM	0.25	10.0	4013	1003	10.3	4161	1040	0.4	147.5	36.9
307	2:00 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
307	2:15 PM	0.25	14.5	5843	1461	16.1	6492	1623	1.6	649.2	162.3
307	2:30 PM	0.25	15.1	6093	1523	16.9	6802	1700	1.8	708.2	177.1
307	2:45 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
307	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
307	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
307	3:30 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
307	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
307	4:00 PM	0.25	38.6	15551	3888	42.5	17100	4275	3.8	1549.2	387.3
307	4:15 PM	0.25	43.1	17351	4338	47.4	19077	4769	4.3	1726.2	431.6
307	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
307	4:45 PM	0.25	55.0	22161	5540	60.7	24433	6108	5.6	2272.3	568.1
307	5:00 PM	0.14	83.9	33773	4687	84.3	33950	4712	0.4	177.1	24.6
307	5:08 PM	0.00	83.9	33773	0	84.3	33950	0	0.4	177.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
308	8:39 AM	0.10	39.8	16038	1524	39.8	16038	1524	0.0	0.0	0.0
308	8:45 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
308	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
308	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
308	9:30 AM	0.25	18.0	7230	1807	18.0	7230	1807	0.0	0.0	0.0
308	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
308	10:00 AM	0.25	12.5	5016	1254	12.5	5016	1254	0.0	0.0	0.0
308	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
308	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
308	10:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0

308	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
308	11:15 AM	0.25	7.5	3010	752	7.5	3010	752	0.0	0.0	0.0
308	11:30 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
308	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
308	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
308	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
308	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
308	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
308	1:00 PM	0.25	6.3	2523	631	6.5	2611	653	0.2	88.5	22.1
308	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
308	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
308	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
308	2:00 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
308	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
308	2:30 PM	0.25	14.4	5784	1446	16.2	6521	1630	1.8	737.7	184.4
308	2:45 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
308	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
308	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
308	3:30 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
308	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
308	4:00 PM	0.25	38.6	15551	3888	42.5	17100	4275	3.8	1549.2	387.3
308	4:15 PM	0.25	43.8	17631	4408	48.1	19357	4839	4.3	1726.3	431.6
308	4:30 PM	0.25	48.1	19357	4839	53.4	21497	5374	5.3	2139.5	534.9
308	4:45 PM	0.25	55.0	22161	5540	60.7	24433	6108	5.6	2272.3	568.1
308	5:00 PM	0.12	83.9	33773	4120	84.3	33950	4141	0.4	177.1	21.6
308	5:07 PM	0.00	83.9	33773	0	84.3	33950	0	0.4	177.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
309	7:40 AM	0.08	88.6	35691	2764	88.6	35691	2764	0.0	0.0	0.0
309	7:45 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
309	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
309	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
309	8:30 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
309	8:45 AM	0.25	39.8	16038	4009	39.8	16038	4009	0.0	0.0	0.0
309	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
309	9:15 AM	0.25	22.4	9029	2257	22.4	9029	2257	0.0	0.0	0.0
309	9:30 AM	0.25	17.8	7185	1796	17.8	7185	1796	0.0	0.0	0.0
309	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
309	10:00 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
309	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
309	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
309	10:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
309	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
309	11:15 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
309	11:30 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
309	11:45 AM	0.25	6.1	2464	616	6.1	2464	616	0.0	0.0	0.0
309	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
309	12:15 PM	0.25	5.9	2361	590	5.9	2361	590	0.0	0.0	0.0
309	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
309	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
309	1:00 PM	0.25	6.3	2523	631	6.5	2611	653	0.2	88.5	22.1
309	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
309	1:30 PM	0.25	8.5	3408	852	8.8	3556	889	0.4	147.5	36.9
309	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
309	2:00 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
309	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
309	2:30 PM	0.25	14.4	5784	1446	16.2	6521	1630	1.8	737.7	184.4
309	2:45 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
309	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
309	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
309	3:30 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
309	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
309	4:00 PM	0.11	38.6	15551	1642	42.5	17100	1806	3.8	1549.2	163.6
309	4:06 PM	0.00	38.6	15551	0	42.5	17100	0	3.8	1549.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
310	7:41 AM	0.06	88.6	35691	2160	88.6	35691	2160	0.0	0.0	0.0

310	7:45 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
310	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
310	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
310	8:30 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
310	8:45 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
310	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
310	9:15 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
310	9:30 AM	0.25	17.8	7185	1796	17.8	7185	1796	0.0	0.0	0.0
310	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
310	10:00 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
310	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
310	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
310	10:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
310	11:00 AM	0.25	7.8	3143	786	7.8	3143	786	0.0	0.0	0.0
310	11:15 AM	0.25	8.1	3275	819	8.1	3275	819	0.0	0.0	0.0
310	11:30 AM	0.25	7.6	3039	760	7.6	3039	760	0.0	0.0	0.0
310	11:45 AM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
310	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
310	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
310	12:30 PM	0.25	5.6	2272	568	5.6	2272	568	0.0	0.0	0.0
310	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
310	1:00 PM	0.25	6.3	2523	631	6.5	2611	653	0.2	88.5	22.1
310	1:15 PM	0.25	7.9	3187	797	8.0	3216	804	0.1	29.5	7.4
310	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
310	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
310	2:00 PM	0.25	13.0	5223	1306	14.0	5651	1413	1.1	427.9	107.0
310	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
310	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
310	2:45 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
310	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
310	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
310	3:30 PM	0.25	28.0	11257	2814	30.7	12349	3087	2.7	1091.8	272.9
310	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
310	4:00 PM	0.09	38.6	15551	1404	42.5	17100	1544	3.8	1549.2	139.9
310	4:05 PM	0.00	38.6	15551	0	42.5	17100	0	3.8	1549.2	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
311	7:42 AM	0.04	89.7	36119	1546	89.7	36119	1546	0.0	0.0	0.0
311	7:45 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
311	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
311	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
311	8:30 AM	0.25	49.8	20051	5013	49.8	20051	5013	0.0	0.0	0.0
311	8:45 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
311	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
311	9:15 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
311	9:30 AM	0.25	17.8	7185	1796	17.8	7185	1796	0.0	0.0	0.0
311	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
311	10:00 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
311	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
311	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
311	10:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
311	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
311	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
311	11:30 AM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
311	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
311	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
311	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
311	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
311	12:45 PM	0.25	4.5	1830	457	4.5	1830	457	0.0	0.0	0.0
311	1:00 PM	0.25	5.5	2213	553	6.0	2420	605	0.5	206.6	51.6
311	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
311	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
311	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
311	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
311	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
311	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
311	2:45 PM	0.25	17.7	7126	1782	19.7	7923	1981	2.0	796.7	199.2
311	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
311	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3

311	3:30 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
311	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
311	4:00 PM	0.07	38.6	15551	1163	42.5	17100	1278	3.8	1549.2	115.8
311	4:04 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
312	7:43 AM	0.03	89.7	36119	905	89.7	36119	905	0.0	0.0	0.0
312	7:45 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
312	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
312	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
312	8:30 AM	0.25	60.6	24403	6101	60.6	24403	6101	0.0	0.0	0.0
312	8:45 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
312	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
312	9:15 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
312	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
312	9:45 AM	0.25	14.0	5636	1409	14.0	5636	1409	0.0	0.0	0.0
312	10:00 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
312	10:15 AM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
312	10:30 AM	0.25	8.1	3246	811	8.1	3246	811	0.0	0.0	0.0
312	10:45 AM	0.25	7.9	3187	797	7.9	3187	797	0.0	0.0	0.0
312	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
312	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
312	11:30 AM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
312	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
312	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
312	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
312	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
312	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
312	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
312	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
312	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
312	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
312	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
312	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
312	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
312	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
312	3:00 PM	0.25	22.5	9044	2261	24.0	9664	2416	1.5	619.6	154.9
312	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
312	3:30 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
312	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
312	4:00 PM	0.06	38.6	15551	928	42.5	17100	1020	3.8	1549.2	92.4
312	4:03 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
313	7:44 AM	0.01	89.7	36119	263	89.7	36119	263	0.0	0.0	0.0
313	7:45 AM	0.25	89.7	36119	9030	89.7	36119	9030	0.0	0.0	0.0
313	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
313	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
313	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
313	8:45 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
313	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
313	9:15 AM	0.25	26.1	10505	2626	26.1	10505	2626	0.0	0.0	0.0
313	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
313	9:45 AM	0.25	16.9	6802	1700	16.9	6802	1700	0.0	0.0	0.0
313	10:00 AM	0.25	11.8	4751	1188	11.8	4751	1188	0.0	0.0	0.0
313	10:15 AM	0.25	8.8	3526	882	8.8	3526	882	0.0	0.0	0.0
313	10:30 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
313	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
313	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
313	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
313	11:30 AM	0.25	7.1	2862	716	7.1	2862	716	0.0	0.0	0.0
313	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
313	12:00 PM	0.25	6.7	2700	675	6.7	2700	675	0.0	0.0	0.0
313	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
313	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
313	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
313	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3

313	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
313	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
313	1:45 PM	0.25	11.1	4471	1118	11.8	4766	1191	0.7	295.1	73.8
313	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
313	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
313	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
313	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
313	3:00 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
313	3:15 PM	0.25	24.9	10047	2512	27.1	10933	2733	2.2	885.2	221.3
313	3:30 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
313	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
313	4:00 PM	0.04	39.4	15861	714	43.3	17454	785	4.0	1593.4	71.7
313	4:02 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
314	7:45 AM	0.24	89.7	36119	8651	89.7	36119	8651	0.0	0.0	0.0
314	8:00 AM	0.25	90.7	36547	9137	90.7	36547	9137	0.0	0.0	0.0
314	8:15 AM	0.25	77.3	31146	7787	77.3	31146	7787	0.0	0.0	0.0
314	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
314	8:45 AM	0.25	39.1	15728	3932	39.1	15728	3932	0.0	0.0	0.0
314	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
314	9:15 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
314	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
314	9:45 AM	0.25	16.9	6802	1700	16.9	6802	1700	0.0	0.0	0.0
314	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
314	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
314	10:30 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
314	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
314	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
314	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
314	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
314	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
314	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
314	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
314	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
314	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
314	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
314	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
314	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
314	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
314	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
314	2:15 PM	0.25	14.3	5739	1435	15.4	6211	1553	1.2	472.1	118.0
314	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
314	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
314	3:00 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
314	3:15 PM	0.25	28.9	11626	2907	31.5	12703	3176	2.7	1077.1	269.3
314	3:30 PM	0.25	28.8	11597	2899	31.4	12629	3157	2.6	1032.8	258.2
314	3:45 PM	0.25	33.0	13279	3320	35.8	14415	3604	2.8	1136.1	284.0
314	4:00 PM	0.03	44.8	18059	556	48.9	19711	607	4.1	1652.5	50.9
314	4:01 PM	0.00	43.8	17646	0	48.1	19357	0	4.3	1711.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
315	7:46 AM	0.22	89.7	36119	8008	89.7	36119	8008	0.0	0.0	0.0
315	8:00 AM	0.25	91.0	36635	9159	91.0	36635	9159	0.0	0.0	0.0
315	8:15 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
315	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
315	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
315	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
315	9:15 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
315	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
315	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
315	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
315	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
315	10:30 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
315	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
315	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
315	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0

315	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
315	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
315	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
315	12:15 PM	0.25	6.2	2493	623	6.2	2493	623	0.0	0.0	0.0
315	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
315	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
315	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
315	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
315	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
315	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
315	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
315	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
315	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
315	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
315	3:00 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
315	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
315	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
315	3:45 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
315	4:00 PM	0.02	44.8	18059	308	48.9	19711	336	4.1	1652.5	28.2
315	4:01 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
316	7:47 AM	0.20	89.7	36119	7365	89.7	36119	7365	0.0	0.0	0.0
316	8:00 AM	0.25	91.0	36635	9159	91.0	36635	9159	0.0	0.0	0.0
316	8:15 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
316	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
316	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
316	9:00 AM	0.25	31.0	12467	3117	31.0	12467	3117	0.0	0.0	0.0
316	9:15 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
316	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
316	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
316	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
316	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
316	10:30 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
316	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
316	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
316	11:15 AM	0.25	8.3	3349	837	8.3	3349	837	0.0	0.0	0.0
316	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
316	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
316	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
316	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
316	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
316	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
316	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
316	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
316	1:30 PM	0.25	9.8	3939	985	10.2	4087	1022	0.4	147.5	36.9
316	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
316	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
316	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
316	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
316	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
316	3:00 PM	0.25	25.3	10180	2545	27.1	10903	2726	1.8	722.9	180.7
316	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
316	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
316	3:45 PM	0.25	38.9	15669	3917	42.5	17129	4282	3.6	1460.6	365.2
316	4:00 PM	0.00	44.8	18059	69	48.9	19711	75	4.1	1652.5	6.3
316	4:00 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
317	7:48 AM	0.19	91.0	36635	6818	91.0	36635	6818	0.0	0.0	0.0
317	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
317	8:15 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
317	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
317	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
317	9:00 AM	0.25	37.8	15226	3807	37.8	15226	3807	0.0	0.0	0.0
317	9:15 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
317	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0

317	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
317	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
317	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
317	10:30 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
317	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
317	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
317	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
317	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
317	11:45 AM	0.25	7.0	2803	701	7.0	2803	701	0.0	0.0	0.0
317	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
317	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
317	12:30 PM	0.25	6.6	2671	668	6.6	2671	668	0.0	0.0	0.0
317	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
317	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
317	1:15 PM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
317	1:30 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
317	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
317	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
317	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
317	2:30 PM	0.25	17.1	6890	1723	18.9	7613	1903	1.8	722.9	180.7
317	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
317	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
317	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
317	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
317	3:45 PM	0.24	37.8	15211	3667	41.4	16672	4019	3.6	1460.6	352.1
317	3:59 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
318	7:49 AM	0.17	91.0	36635	6167	91.0	36635	6167	0.0	0.0	0.0
318	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
318	8:15 AM	0.25	75.6	30453	7613	75.6	30453	7613	0.0	0.0	0.0
318	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
318	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
318	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
318	9:15 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
318	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
318	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
318	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
318	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
318	10:30 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
318	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
318	11:00 AM	0.25	8.7	3511	878	8.7	3511	878	0.0	0.0	0.0
318	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
318	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
318	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
318	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
318	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
318	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
318	12:45 PM	0.25	5.5	2228	557	5.5	2228	557	0.0	0.0	0.0
318	1:00 PM	0.25	6.3	2523	631	6.7	2700	675	0.4	177.1	44.3
318	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
318	1:30 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
318	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
318	2:00 PM	0.25	14.4	5798	1450	15.4	6197	1549	1.0	398.4	99.6
318	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
318	2:30 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
318	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
318	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
318	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
318	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
318	3:45 PM	0.23	37.8	15211	3480	41.4	16672	3814	3.6	1460.6	334.1
318	3:58 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
319	7:50 AM	0.15	91.0	36635	5516	91.0	36635	5516	0.0	0.0	0.0
319	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
319	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0

319	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
319	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
319	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
319	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
319	9:30 AM	0.25	20.9	8410	2102	20.9	8410	2102	0.0	0.0	0.0
319	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
319	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
319	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
319	10:30 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
319	10:45 AM	0.25	8.5	3408	852	8.5	3408	852	0.0	0.0	0.0
319	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
319	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
319	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
319	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
319	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
319	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
319	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
319	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
319	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
319	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
319	1:30 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
319	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
319	2:00 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
319	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
319	2:30 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
319	2:45 PM	0.25	21.2	8528	2132	23.1	9310	2327	1.9	781.9	195.5
319	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
319	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
319	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
319	3:45 PM	0.22	37.8	15211	3300	41.4	16672	3617	3.6	1460.6	316.9
319	3:58 PM	0.00	44.8	18059	0	48.9	19711	0	4.1	1652.5	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
320	7:52 AM	0.13	91.0	36635	4867	91.0	36635	4867	0.0	0.0	0.0
320	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
320	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
320	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
320	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
320	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
320	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
320	9:30 AM	0.25	25.0	10062	2516	25.0	10062	2516	0.0	0.0	0.0
320	9:45 AM	0.25	16.9	6816	1704	16.9	6816	1704	0.0	0.0	0.0
320	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
320	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
320	10:30 AM	0.25	9.1	3644	911	9.1	3644	911	0.0	0.0	0.0
320	10:45 AM	0.25	9.3	3733	933	9.3	3733	933	0.0	0.0	0.0
320	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
320	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
320	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
320	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
320	12:00 PM	0.25	7.6	3069	767	7.6	3069	767	0.0	0.0	0.0
320	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
320	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
320	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
320	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
320	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
320	1:30 PM	0.25	11.5	4618	1155	11.9	4810	1202	0.5	191.8	48.0
320	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
320	2:00 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
320	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
320	2:30 PM	0.25	19.9	8011	2003	21.8	8779	2195	1.9	767.2	191.8
320	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
320	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
320	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
320	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
320	3:45 PM	0.21	37.8	15211	3129	41.4	16672	3429	3.6	1460.6	300.4
320	3:57 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		

DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
321	7:53 AM	0.12	91.0	36635	4220	91.0	36635	4220	0.0	0.0	0.0
321	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
321	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
321	8:30 AM	0.25	59.0	23754	5939	59.0	23754	5939	0.0	0.0	0.0
321	8:45 AM	0.25	48.1	19372	4843	48.1	19372	4843	0.0	0.0	0.0
321	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
321	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
321	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
321	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
321	10:00 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
321	10:15 AM	0.25	12.1	4884	1221	12.1	4884	1221	0.0	0.0	0.0
321	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
321	10:45 AM	0.25	9.3	3733	933	9.3	3733	933	0.0	0.0	0.0
321	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
321	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
321	11:30 AM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
321	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
321	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
321	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
321	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
321	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
321	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
321	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
321	1:30 PM	0.25	11.0	4411	1103	11.3	4559	1140	0.4	147.5	36.9
321	1:45 PM	0.25	12.9	5208	1302	13.5	5444	1361	0.6	236.1	59.0
321	2:00 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
321	2:15 PM	0.25	16.2	6507	1627	17.9	7200	1800	1.7	693.4	173.4
321	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
321	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
321	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
321	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
321	3:30 PM	0.25	32.9	13234	3309	36.2	14562	3641	3.3	1327.8	332.0
321	3:45 PM	0.19	37.8	15211	2965	41.4	16672	3250	3.6	1460.6	284.7
321	3:56 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
322	7:54 AM	0.10	91.0	36635	3575	91.0	36635	3575	0.0	0.0	0.0
322	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
322	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
322	8:30 AM	0.25	75.1	30232	7558	75.1	30232	7558	0.0	0.0	0.0
322	8:45 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
322	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
322	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
322	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
322	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
322	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
322	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
322	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
322	10:45 AM	0.25	9.3	3733	933	9.3	3733	933	0.0	0.0	0.0
322	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
322	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
322	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
322	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
322	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
322	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
322	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
322	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
322	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
322	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
322	1:30 PM	0.25	11.0	4411	1103	11.3	4559	1140	0.4	147.5	36.9
322	1:45 PM	0.25	15.0	6020	1505	15.8	6359	1590	0.8	339.3	84.8
322	2:00 PM	0.25	16.0	6448	1612	17.1	6890	1723	1.1	442.6	110.7
322	2:15 PM	0.25	16.1	6477	1619	17.4	7023	1756	1.4	545.9	136.5
322	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
322	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
322	3:00 PM	0.25	25.3	10180	2545	27.1	10918	2729	1.8	737.7	184.4
322	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6

322	3:30 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
322	3:45 PM	0.18	37.8	15211	2809	41.4	16672	3079	3.6	1460.6	269.8
322	3:56 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
323	7:55 AM	0.08	91.0	36650	2933	91.0	36650	2933	0.0	0.0	0.0
323	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
323	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
323	8:30 AM	0.25	75.1	30232	7558	75.1	30232	7558	0.0	0.0	0.0
323	8:45 AM	0.25	46.1	18575	4644	46.1	18575	4644	0.0	0.0	0.0
323	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
323	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
323	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
323	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
323	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
323	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
323	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
323	10:45 AM	0.25	9.3	3733	933	9.3	3733	933	0.0	0.0	0.0
323	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
323	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
323	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
323	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
323	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
323	12:15 PM	0.25	8.0	3202	800	8.0	3202	800	0.0	0.0	0.0
323	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
323	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
323	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
323	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
323	1:30 PM	0.25	11.0	4411	1103	11.3	4559	1140	0.4	147.5	36.9
323	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
323	2:00 PM	0.25	15.6	6270	1568	16.6	6698	1675	1.1	427.9	107.0
323	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
323	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
323	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
323	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
323	3:15 PM	0.25	28.4	11449	2862	31.1	12511	3128	2.6	1062.3	265.6
323	3:30 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
323	3:45 PM	0.17	37.8	15211	2661	41.4	16672	2917	3.6	1460.6	255.5
323	3:55 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
324	7:56 AM	0.06	91.0	36650	2294	91.0	36650	2294	0.0	0.0	0.0
324	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
324	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
324	8:30 AM	0.25	75.1	30232	7558	75.1	30232	7558	0.0	0.0	0.0
324	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
324	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
324	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
324	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
324	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
324	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
324	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
324	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
324	10:45 AM	0.25	9.3	3733	933	9.3	3733	933	0.0	0.0	0.0
324	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
324	11:15 AM	0.25	8.9	3571	893	8.9	3571	893	0.0	0.0	0.0
324	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
324	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
324	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
324	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
324	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
324	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
324	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
324	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
324	1:30 PM	0.25	11.0	4411	1103	11.3	4559	1140	0.4	147.5	36.9
324	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
324	2:00 PM	0.25	15.6	6270	1568	16.6	6698	1675	1.1	427.9	107.0

324	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
324	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
324	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
324	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
324	3:15 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
324	3:30 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
324	3:45 PM	0.17	37.8	15211	2522	41.4	16672	2764	3.6	1460.6	242.1
324	3:54 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
325	7:57 AM	0.05	91.0	36650	1657	91.0	36650	1657	0.0	0.0	0.0
325	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
325	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
325	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
325	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
325	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
325	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
325	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
325	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
325	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
325	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
325	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
325	10:45 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
325	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
325	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
325	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
325	11:45 AM	0.25	8.2	3305	826	8.2	3305	826	0.0	0.0	0.0
325	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
325	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
325	12:30 PM	0.25	8.2	3290	823	8.2	3290	823	0.0	0.0	0.0
325	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0
325	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
325	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
325	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
325	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
325	2:00 PM	0.25	15.6	6270	1568	16.6	6698	1675	1.1	427.9	107.0
325	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
325	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
325	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
325	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
325	3:15 PM	0.25	32.6	13131	3283	35.7	14385	3596	3.1	1254.1	313.5
325	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
325	3:45 PM	0.16	37.8	15211	2390	41.4	16672	2619	3.6	1460.6	229.5
325	3:54 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
326	7:58 AM	0.03	91.0	36650	1024	91.0	36650	1024	0.0	0.0	0.0
326	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
326	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
326	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
326	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
326	9:00 AM	0.25	36.5	14680	3670	36.5	14680	3670	0.0	0.0	0.0
326	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
326	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
326	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
326	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
326	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
326	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
326	10:45 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
326	11:00 AM	0.25	9.1	3674	918	9.1	3674	918	0.0	0.0	0.0
326	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
326	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
326	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
326	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
326	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
326	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
326	12:45 PM	0.25	6.8	2744	686	6.8	2744	686	0.0	0.0	0.0

326	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
326	1:15 PM	0.25	9.9	3984	996	10.1	4057	1014	0.2	73.8	18.5
326	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
326	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
326	2:00 PM	0.25	15.6	6270	1568	16.6	6698	1675	1.1	427.9	107.0
326	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
326	2:30 PM	0.25	19.9	8026	2007	21.5	8661	2165	1.6	634.4	158.6
326	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
326	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
326	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
326	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
326	3:45 PM	0.15	45.5	18310	2728	49.7	20006	2981	4.2	1696.8	252.8
326	3:53 PM	0.00	45.6	18369	0	50.2	20228	0	4.6	1859.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
327	7:59 AM	0.01	91.0	36650	396	91.0	36650	396	0.0	0.0	0.0
327	8:00 AM	0.25	91.0	36650	9163	91.0	36650	9163	0.0	0.0	0.0
327	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
327	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
327	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
327	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
327	9:15 AM	0.25	30.0	12084	3021	30.0	12084	3021	0.0	0.0	0.0
327	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
327	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
327	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
327	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
327	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
327	10:45 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
327	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
327	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
327	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
327	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
327	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
327	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
327	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
327	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
327	1:00 PM	0.25	7.9	3172	793	8.4	3364	841	0.5	191.8	48.0
327	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
327	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
327	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
327	2:00 PM	0.25	15.6	6270	1568	16.6	6698	1675	1.1	427.9	107.0
327	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
327	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
327	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
327	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
327	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
327	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
327	3:45 PM	0.14	45.5	18310	2590	49.7	20006	2830	4.2	1696.8	240.0
327	3:53 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
328	8:00 AM	0.24	91.0	36650	8935	91.0	36650	8935	0.0	0.0	0.0
328	8:15 AM	0.25	92.3	37181	9295	92.3	37181	9295	0.0	0.0	0.0
328	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
328	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
328	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
328	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
328	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
328	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
328	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
328	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
328	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
328	10:45 AM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
328	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
328	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
328	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
328	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0

328	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
328	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
328	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
328	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
328	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
328	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
328	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
328	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
328	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
328	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
328	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
328	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
328	3:00 PM	0.25	28.6	11538	2884	30.8	12408	3102	2.2	870.5	217.6
328	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
328	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
328	3:45 PM	0.13	46.1	18560	2495	50.0	20139	2708	3.9	1578.8	212.3
328	3:53 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
329	8:01 AM	0.23	91.0	36650	8317	91.0	36650	8317	0.0	0.0	0.0
329	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
329	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
329	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
329	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
329	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
329	9:30 AM	0.25	24.3	9797	2449	24.3	9797	2449	0.0	0.0	0.0
329	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
329	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
329	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
329	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
329	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
329	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
329	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
329	11:30 AM	0.25	9.1	3659	915	9.1	3659	915	0.0	0.0	0.0
329	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
329	12:00 PM	0.25	8.5	3423	856	8.5	3423	856	0.0	0.0	0.0
329	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
329	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
329	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
329	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
329	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
329	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
329	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
329	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
329	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
329	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
329	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
329	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
329	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
329	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
329	3:45 PM	0.13	46.1	18560	2376	50.0	20139	2578	3.9	1578.8	202.1
329	3:52 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
330	8:02 AM	0.21	92.6	37285	7838	92.6	37285	7838	0.0	0.0	0.0
330	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
330	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
330	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
330	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
330	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
330	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
330	9:45 AM	0.25	20.3	8159	2040	20.3	8159	2040	0.0	0.0	0.0
330	10:00 AM	0.25	16.5	6654	1664	16.5	6654	1664	0.0	0.0	0.0
330	10:15 AM	0.25	14.1	5680	1420	14.1	5680	1420	0.0	0.0	0.0
330	10:30 AM	0.25	10.8	4338	1084	10.8	4338	1084	0.0	0.0	0.0
330	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
330	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0

330	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
330	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
330	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
330	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
330	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
330	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
330	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
330	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
330	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
330	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
330	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
330	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
330	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
330	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
330	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
330	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
330	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
330	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
330	3:45 PM	0.12	46.1	18560	2267	50.0	20139	2460	3.9	1578.8	192.8
330	3:52 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
331	8:03 AM	0.19	92.6	37285	7221	92.6	37285	7221	0.0	0.0	0.0
331	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
331	8:30 AM	0.25	75.8	30512	7628	75.8	30512	7628	0.0	0.0	0.0
331	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
331	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
331	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
331	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
331	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
331	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
331	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
331	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
331	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
331	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
331	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
331	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
331	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
331	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
331	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
331	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
331	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
331	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
331	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
331	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
331	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
331	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
331	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
331	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
331	2:45 PM	0.25	24.2	9738	2434	26.4	10638	2659	2.2	900.0	225.0
331	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
331	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
331	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
331	3:45 PM	0.12	46.1	18560	2168	50.0	20139	2353	3.9	1578.8	184.4
331	3:52 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
332	8:04 AM	0.18	92.6	37285	6612	92.6	37285	6612	0.0	0.0	0.0
332	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
332	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
332	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
332	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
332	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
332	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
332	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
332	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
332	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0

332	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
332	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
332	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
332	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
332	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
332	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
332	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
332	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
332	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
332	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
332	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
332	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
332	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
332	1:45 PM	0.25	14.3	5754	1439	14.8	5946	1486	0.5	191.8	48.0
332	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
332	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
332	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
332	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
332	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
332	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
332	3:30 PM	0.25	38.0	15300	3825	41.3	16628	4157	3.3	1327.8	332.0
332	3:45 PM	0.11	46.1	18560	2080	50.0	20139	2257	3.9	1578.8	177.0
332	3:51 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
333	8:05 AM	0.16	92.6	37285	6010	92.6	37285	6010	0.0	0.0	0.0
333	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
333	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
333	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
333	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
333	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
333	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
333	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
333	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
333	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
333	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
333	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
333	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
333	11:15 AM	0.25	9.9	3984	996	9.9	3984	996	0.0	0.0	0.0
333	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
333	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
333	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
333	12:15 PM	0.25	8.4	3379	845	8.4	3379	845	0.0	0.0	0.0
333	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
333	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
333	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
333	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
333	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
333	1:45 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
333	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
333	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
333	2:30 PM	0.25	23.4	9413	2353	25.5	10284	2571	2.2	870.5	217.6
333	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
333	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
333	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
333	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
333	3:45 PM	0.11	46.1	18560	2003	50.0	20139	2174	3.9	1578.8	170.4
333	3:51 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
334	8:06 AM	0.15	92.6	37285	5416	92.6	37285	5416	0.0	0.0	0.0
334	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
334	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
334	8:45 AM	0.25	56.6	22780	5695	56.6	22780	5695	0.0	0.0	0.0
334	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
334	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
334	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0

334	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
334	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
334	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
334	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
334	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
334	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
334	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
334	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
334	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
334	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
334	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
334	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
334	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
334	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
334	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
334	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
334	1:45 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
334	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
334	2:15 PM	0.25	19.4	7805	1951	20.9	8410	2102	1.5	604.9	151.2
334	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
334	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
334	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
334	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
334	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
334	3:45 PM	0.10	46.1	18560	1937	50.0	20139	2101	3.9	1578.8	164.7
334	3:51 PM	0.00	45.5	18310	0	49.7	20006	0	4.2	1696.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
335	8:07 AM	0.13	92.6	37285	4830	92.6	37285	4830	0.0	0.0	0.0
335	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
335	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
335	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
335	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
335	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
335	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
335	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
335	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
335	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
335	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
335	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
335	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
335	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
335	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
335	11:45 AM	0.25	9.2	3689	922	9.2	3689	922	0.0	0.0	0.0
335	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
335	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
335	12:30 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
335	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
335	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
335	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
335	1:30 PM	0.25	12.7	5120	1280	13.1	5267	1317	0.4	147.5	36.9
335	1:45 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
335	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
335	2:15 PM	0.25	23.4	9428	2357	25.1	10092	2523	1.6	664.0	166.0
335	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
335	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
335	3:00 PM	0.25	28.5	11464	2866	30.9	12452	3113	2.5	988.5	247.1
335	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
335	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
335	3:45 PM	0.10	46.1	18560	1881	50.0	20139	2041	3.9	1578.8	160.0
335	3:51 PM	0.00	46.1	18560	0	50.0	20139	0	3.9	1578.8	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
336	8:08 AM	0.11	92.6	37285	4253	92.6	37285	4253	0.0	0.0	0.0
336	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
336	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
336	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0

336	9:00 AM	0.25	44.4	17897	4474	44.4	17897	4474	0.0	0.0	0.0
336	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
336	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
336	9:45 AM	0.25	23.5	9457	2364	23.5	9457	2364	0.0	0.0	0.0
336	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
336	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
336	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
336	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
336	11:00 AM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
336	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
336	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
336	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
336	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
336	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
336	12:30 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
336	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
336	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
336	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
336	1:30 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
336	1:45 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
336	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
336	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
336	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
336	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
336	3:00 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
336	3:15 PM	0.25	33.2	13382	3345	36.4	14651	3663	3.2	1268.9	317.2
336	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
336	3:45 PM	0.10	46.1	18560	1836	50.0	20139	1992	3.9	1578.8	156.2
336	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
337	8:09 AM	0.10	92.6	37285	3686	92.6	37285	3686	0.0	0.0	0.0
337	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
337	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
337	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
337	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
337	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
337	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
337	9:45 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
337	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
337	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
337	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
337	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
337	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
337	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
337	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
337	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
337	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
337	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
337	12:30 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
337	12:45 PM	0.25	8.5	3438	859	8.5	3438	859	0.0	0.0	0.0
337	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
337	1:15 PM	0.25	12.0	4825	1206	12.0	4839	1210	0.0	14.8	3.7
337	1:30 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
337	1:45 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
337	2:00 PM	0.25	18.2	7333	1833	19.5	7834	1959	1.2	501.6	125.4
337	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
337	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
337	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
337	3:00 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
337	3:15 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
337	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
337	3:45 PM	0.10	46.1	18560	1802	50.0	20139	1955	3.9	1578.8	153.3
337	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
338	8:09 AM	0.08	92.6	37285	3130	92.6	37285	3130	0.0	0.0	0.0

338	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
338	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
338	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
338	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
338	9:15 AM	0.25	35.4	14267	3567	35.4	14267	3567	0.0	0.0	0.0
338	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
338	9:45 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
338	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
338	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
338	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
338	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
338	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
338	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
338	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
338	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
338	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
338	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
338	12:30 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
338	12:45 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
338	1:00 PM	0.25	9.9	3969	992	10.2	4087	1022	0.3	118.0	29.5
338	1:15 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
338	1:30 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
338	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
338	2:00 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
338	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
338	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
338	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
338	3:00 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
338	3:15 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
338	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
338	3:45 PM	0.10	46.1	18560	1779	50.0	20139	1930	3.9	1578.8	151.3
338	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
339	8:10 AM	0.07	92.9	37403	2592	92.9	37403	2592	0.0	0.0	0.0
339	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
339	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
339	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
339	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
339	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
339	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
339	9:45 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
339	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
339	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
339	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
339	10:45 AM	0.25	10.6	4249	1062	10.6	4249	1062	0.0	0.0	0.0
339	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
339	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
339	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
339	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
339	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
339	12:15 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
339	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
339	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
339	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
339	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
339	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
339	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
339	2:00 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
339	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
339	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
339	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
339	3:00 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
339	3:15 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
339	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
339	3:45 PM	0.10	45.2	18192	1731	48.9	19711	1876	3.8	1519.7	144.6
339	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

	EXISTING CONDITIONS	PROPOSED CONDITIONS	NET CHANGE

DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
340	8:11 AM	0.05	92.9	37403	2055	92.9	37403	2055	0.0	0.0	0.0
340	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
340	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
340	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
340	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
340	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
340	9:30 AM	0.25	28.8	11582	2895	28.8	11582	2895	0.0	0.0	0.0
340	9:45 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
340	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
340	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
340	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
340	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
340	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
340	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
340	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
340	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
340	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
340	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
340	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
340	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
340	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
340	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
340	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
340	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
340	2:00 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
340	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
340	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
340	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
340	3:00 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
340	3:15 PM	0.25	32.6	13146	3286	35.8	14400	3600	3.1	1254.1	313.5
340	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
340	3:45 PM	0.10	45.2	18192	1730	48.9	19711	1874	3.8	1519.7	144.5
340	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
341	8:12 AM	0.04	92.9	37403	1530	92.9	37403	1530	0.0	0.0	0.0
341	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
341	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
341	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
341	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
341	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
341	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
341	9:45 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
341	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
341	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
341	10:30 AM	0.25	13.5	5430	1357	13.5	5430	1357	0.0	0.0	0.0
341	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
341	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
341	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
341	11:30 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
341	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
341	12:00 PM	0.25	9.9	3998	1000	9.9	3998	1000	0.0	0.0	0.0
341	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
341	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
341	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
341	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
341	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
341	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
341	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
341	2:00 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
341	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
341	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
341	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
341	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
341	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
341	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
341	3:45 PM	0.10	45.2	18192	1739	48.9	19711	1884	3.8	1519.7	145.2

341	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
342	8:13 AM	0.03	92.9	37403	1018	92.9	37403	1018	0.0	0.0	0.0
342	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
342	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
342	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
342	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
342	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
342	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
342	9:45 AM	0.25	27.7	11154	2789	27.7	11154	2789	0.0	0.0	0.0
342	10:00 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
342	10:15 AM	0.25	16.2	6536	1634	16.2	6536	1634	0.0	0.0	0.0
342	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
342	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
342	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
342	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
342	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
342	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
342	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
342	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
342	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
342	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
342	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
342	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
342	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
342	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
342	2:00 PM	0.25	18.1	7274	1818	19.2	7716	1929	1.1	442.6	110.7
342	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
342	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
342	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
342	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
342	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
342	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
342	3:45 PM	0.10	45.2	18192	1758	48.9	19711	1905	3.8	1519.7	146.9
342	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
343	8:14 AM	0.01	92.9	37403	518	92.9	37403	518	0.0	0.0	0.0
343	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
343	8:30 AM	0.25	94.7	38126	9531	94.7	38126	9531	0.0	0.0	0.0
343	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
343	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
343	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
343	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
343	9:45 AM	0.25	27.7	11154	2789	27.7	11154	2789	0.0	0.0	0.0
343	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
343	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
343	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
343	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
343	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
343	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
343	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
343	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
343	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
343	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
343	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
343	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
343	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
343	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
343	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
343	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
343	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
343	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
343	2:30 PM	0.25	23.2	9325	2331	24.9	10047	2512	1.8	723.0	180.7
343	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
343	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4

343	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
343	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
343	3:45 PM	0.10	45.2	18192	1789	48.9	19711	1938	3.8	1519.7	149.4
343	3:50 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
344	8:14 AM	0.00	92.9	37403	32	92.9	37403	32	0.0	0.0	0.0
344	8:15 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
344	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
344	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
344	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
344	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
344	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
344	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
344	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
344	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
344	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
344	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
344	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
344	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
344	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
344	11:45 AM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
344	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
344	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
344	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
344	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
344	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
344	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
344	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
344	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
344	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
344	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
344	2:30 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
344	2:45 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
344	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
344	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
344	3:30 PM	0.25	37.6	15152	3788	41.2	16598	4150	3.6	1445.9	361.5
344	3:45 PM	0.10	45.2	18192	1829	48.9	19711	1982	3.8	1519.7	152.8
344	3:51 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
345	8:15 AM	0.24	92.9	37403	8910	92.9	37403	8910	0.0	0.0	0.0
345	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
345	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
345	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
345	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
345	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
345	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
345	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
345	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
345	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
345	10:45 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
345	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
345	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
345	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
345	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
345	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
345	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
345	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
345	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
345	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
345	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
345	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
345	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
345	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
345	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
345	2:30 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1

345	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
345	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
345	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
345	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
345	3:45 PM	0.10	45.2	18192	1881	48.9	19711	2038	3.8	1519.7	157.1
345	3:51 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
346	8:16 AM	0.23	92.9	37403	8452	92.9	37403	8452	0.0	0.0	0.0
346	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
346	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
346	9:00 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
346	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
346	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
346	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
346	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
346	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
346	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
346	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
346	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
346	11:15 AM	0.25	10.9	4382	1096	10.9	4382	1096	0.0	0.0	0.0
346	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
346	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
346	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
346	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
346	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
346	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
346	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
346	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
346	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
346	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
346	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
346	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
346	2:30 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
346	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
346	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
346	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
346	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
346	3:45 PM	0.11	45.2	18192	1942	48.9	19711	2105	3.8	1519.7	162.3
346	3:51 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
347	8:17 AM	0.21	92.9	37403	8009	92.9	37403	8009	0.0	0.0	0.0
347	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
347	8:45 AM	0.25	74.1	29848	7462	74.1	29848	7462	0.0	0.0	0.0
347	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
347	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
347	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
347	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
347	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
347	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
347	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
347	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
347	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
347	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
347	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
347	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
347	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
347	12:15 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
347	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
347	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
347	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
347	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
347	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
347	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
347	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
347	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5

347	2:30 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
347	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
347	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
347	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
347	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
347	3:45 PM	0.11	45.2	18192	2014	48.9	19711	2183	3.8	1519.7	168.3
347	3:51 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
348	8:17 AM	0.20	92.9	37403	7581	92.9	37403	7581	0.0	0.0	0.0
348	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
348	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
348	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
348	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
348	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
348	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
348	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
348	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
348	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
348	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
348	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
348	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
348	11:30 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
348	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
348	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
348	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
348	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
348	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
348	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
348	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
348	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
348	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
348	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
348	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
348	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
348	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
348	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
348	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
348	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
348	3:45 PM	0.12	45.2	18192	2097	48.9	19711	2272	3.8	1519.7	175.1
348	3:51 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
349	8:18 AM	0.19	92.9	37403	7169	92.9	37403	7169	0.0	0.0	0.0
349	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
349	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
349	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
349	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
349	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
349	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
349	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
349	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
349	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
349	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
349	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
349	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
349	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
349	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
349	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
349	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
349	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
349	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
349	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
349	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
349	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
349	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
349	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1

349	2:15 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
349	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
349	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
349	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
349	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
349	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
349	3:45 PM	0.12	45.2	18192	2189	48.9	19711	2372	3.8	1519.7	182.9
349	3:52 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
350	8:19 AM	0.18	92.9	37403	6773	92.9	37403	6773	0.0	0.0	0.0
350	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
350	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
350	9:00 AM	0.25	55.1	22175	5544	55.1	22175	5544	0.0	0.0	0.0
350	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
350	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
350	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
350	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
350	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
350	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
350	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
350	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
350	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
350	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
350	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
350	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
350	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
350	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
350	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
350	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
350	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
350	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
350	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
350	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
350	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
350	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
350	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
350	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
350	3:15 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
350	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
350	3:45 PM	0.13	45.2	18192	2291	48.9	19711	2483	3.8	1519.7	191.4
350	3:52 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
351	8:19 AM	0.17	92.9	37403	6394	92.9	37403	6394	0.0	0.0	0.0
351	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
351	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
351	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
351	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
351	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
351	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
351	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
351	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
351	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
351	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
351	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
351	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
351	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
351	11:45 AM	0.25	10.4	4190	1048	10.4	4190	1048	0.0	0.0	0.0
351	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
351	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
351	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
351	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
351	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
351	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
351	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
351	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4

351	2:00 PM	0.25	20.5	8248	2062	21.8	8764	2191	1.3	516.4	129.1
351	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
351	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
351	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
351	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
351	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
351	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
351	3:45 PM	0.13	45.2	18192	2404	48.9	19711	2605	3.8	1519.7	200.8
351	3:52 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
352	8:20 AM	0.16	92.9	37403	6032	92.9	37403	6032	0.0	0.0	0.0
352	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
352	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
352	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
352	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
352	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
352	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
352	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
352	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
352	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
352	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
352	11:00 AM	0.25	10.8	4367	1092	10.8	4367	1092	0.0	0.0	0.0
352	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
352	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
352	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
352	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
352	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
352	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
352	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
352	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
352	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
352	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8
352	1:45 PM	0.25	15.5	6226	1557	16.1	6492	1623	0.7	265.6	66.4
352	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
352	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
352	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
352	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
352	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
352	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
352	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
352	3:45 PM	0.14	45.2	18192	2526	48.9	19711	2737	3.8	1519.7	211.0
352	3:53 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
353	8:20 AM	0.15	92.9	37403	5688	92.9	37403	5688	0.0	0.0	0.0
353	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
353	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
353	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
353	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
353	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
353	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
353	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
353	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
353	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
353	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
353	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
353	11:15 AM	0.25	12.4	5002	1250	12.4	5002	1250	0.0	0.0	0.0
353	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
353	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
353	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
353	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
353	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
353	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
353	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
353	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
353	1:30 PM	0.25	13.5	5444	1361	13.8	5548	1387	0.3	103.3	25.8

353	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
353	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
353	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
353	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
353	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
353	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
353	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
353	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
353	3:45 PM	0.15	45.2	18192	2658	48.9	19711	2880	3.8	1519.7	222.0
353	3:53 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
354	8:21 AM	0.14	92.9	37403	5361	92.9	37403	5361	0.0	0.0	0.0
354	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
354	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
354	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
354	9:15 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
354	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
354	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
354	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
354	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
354	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
354	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
354	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
354	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
354	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
354	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
354	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
354	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
354	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
354	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
354	1:00 PM	0.25	9.7	3910	977	10.0	4013	1003	0.3	103.3	25.8
354	1:15 PM	0.25	12.0	4839	1210	12.2	4913	1228	0.2	73.8	18.4
354	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
354	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
354	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
354	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
354	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
354	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
354	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
354	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
354	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
354	3:45 PM	0.15	44.9	18088	2784	48.6	19593	3015	3.7	1504.9	231.6
354	3:54 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
355	8:21 AM	0.14	92.9	37403	5053	92.9	37403	5053	0.0	0.0	0.0
355	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
355	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
355	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
355	9:15 AM	0.25	54.6	21998	5500	54.6	21998	5500	0.0	0.0	0.0
355	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
355	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
355	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
355	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
355	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
355	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
355	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
355	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
355	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
355	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
355	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
355	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
355	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
355	12:45 PM	0.25	9.0	3615	904	9.0	3615	904	0.0	0.0	0.0
355	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
355	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5

355	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
355	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
355	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
355	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
355	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
355	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
355	3:00 PM	0.25	33.0	13308	3327	35.5	14282	3570	2.4	973.7	243.4
355	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
355	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
355	3:45 PM	0.16	44.9	18088	2934	48.6	19593	3178	3.7	1504.9	244.1
355	3:54 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
356	8:22 AM	0.13	92.9	37403	4764	92.9	37403	4764	0.0	0.0	0.0
356	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
356	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
356	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
356	9:15 AM	0.25	54.6	21998	5500	54.6	21998	5500	0.0	0.0	0.0
356	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
356	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
356	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
356	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
356	10:30 AM	0.25	16.3	6551	1638	16.3	6551	1638	0.0	0.0	0.0
356	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
356	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
356	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
356	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
356	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
356	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
356	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
356	12:30 PM	0.25	9.5	3821	955	9.5	3821	955	0.0	0.0	0.0
356	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
356	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
356	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
356	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
356	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
356	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
356	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
356	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
356	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
356	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
356	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
356	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
356	3:45 PM	0.17	44.9	18088	3093	48.6	19593	3350	3.7	1504.9	257.3
356	3:55 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
357	8:22 AM	0.12	92.9	37403	4493	92.9	37403	4493	0.0	0.0	0.0
357	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
357	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
357	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
357	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
357	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
357	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
357	10:00 AM	0.25	23.2	9354	2339	23.2	9354	2339	0.0	0.0	0.0
357	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
357	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
357	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
357	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
357	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
357	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
357	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
357	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
357	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
357	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
357	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
357	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0

357	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
357	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
357	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
357	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
357	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
357	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
357	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
357	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
357	3:15 PM	0.25	37.3	15005	3751	39.9	16067	4017	2.6	1062.3	265.6
357	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
357	3:45 PM	0.18	44.9	18088	3261	48.6	19593	3532	3.7	1504.9	271.3
357	3:55 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
358	8:23 AM	0.11	92.9	37403	4242	92.9	37403	4242	0.0	0.0	0.0
358	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
358	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
358	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
358	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
358	9:30 AM	0.25	34.4	13854	3464	34.4	13854	3464	0.0	0.0	0.0
358	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
358	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
358	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
358	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
358	10:45 AM	0.25	12.5	5031	1258	12.5	5031	1258	0.0	0.0	0.0
358	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
358	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
358	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
358	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
358	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
358	12:15 PM	0.25	10.7	4323	1081	10.7	4323	1081	0.0	0.0	0.0
358	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
358	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
358	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
358	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
358	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
358	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
358	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
358	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
358	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
358	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
358	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
358	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
358	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
358	3:45 PM	0.19	44.9	18088	3438	48.6	19593	3724	3.7	1504.9	286.0
358	3:56 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
359	8:23 AM	0.11	92.9	37403	4010	92.9	37403	4010	0.0	0.0	0.0
359	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
359	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
359	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
359	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
359	9:30 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
359	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
359	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
359	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
359	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
359	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
359	11:00 AM	0.25	12.2	4898	1225	12.2	4898	1225	0.0	0.0	0.0
359	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
359	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
359	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
359	12:00 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
359	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
359	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
359	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0

359	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
359	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
359	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
359	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
359	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
359	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
359	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
359	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
359	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
359	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
359	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
359	3:45 PM	0.20	44.9	18088	3623	48.6	19593	3925	3.7	1504.9	301.5
359	3:57 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
360	8:23 AM	0.10	92.9	37403	3798	92.9	37403	3798	0.0	0.0	0.0
360	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
360	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
360	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
360	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
360	9:30 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
360	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
360	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
360	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
360	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
360	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
360	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
360	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
360	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
360	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
360	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
360	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
360	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
360	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
360	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
360	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
360	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
360	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
360	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
360	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
360	2:30 PM	0.25	27.1	10933	2733	29.1	11729	2932	2.0	796.7	199.2
360	2:45 PM	0.25	27.8	11198	2800	29.7	11980	2995	1.9	781.9	195.5
360	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
360	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
360	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
360	3:45 PM	0.21	44.9	18088	3817	48.6	19593	4135	3.7	1504.9	317.6
360	3:57 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
361	8:24 AM	0.10	92.9	37403	3607	92.9	37403	3607	0.0	0.0	0.0
361	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
361	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
361	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
361	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
361	9:30 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
361	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
361	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
361	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
361	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
361	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
361	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
361	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
361	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
361	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
361	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
361	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
361	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0

361	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
361	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
361	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
361	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
361	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
361	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
361	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
361	2:30 PM	0.25	23.4	9428	2357	25.1	10092	2523	1.6	664.0	166.0
361	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
361	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
361	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
361	3:30 PM	0.25	37.9	15270	3818	41.4	16687	4172	3.5	1416.4	354.1
361	3:45 PM	0.22	44.9	18088	4020	48.6	19593	4354	3.7	1504.9	334.4
361	3:58 PM	0.00	52.9	21290	0	57.3	23090	0	4.5	1800.1	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
362	8:24 AM	0.09	92.9	37403	3435	92.9	37403	3435	0.0	0.0	0.0
362	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
362	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
362	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
362	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
362	9:30 AM	0.25	41.8	16834	4209	41.8	16834	4209	0.0	0.0	0.0
362	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
362	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
362	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
362	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
362	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
362	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
362	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
362	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
362	11:45 AM	0.25	11.7	4707	1177	11.7	4707	1177	0.0	0.0	0.0
362	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
362	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
362	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
362	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
362	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
362	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
362	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
362	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
362	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
362	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
362	2:30 PM	0.25	23.4	9428	2357	25.1	10092	2523	1.6	664.0	166.0
362	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
362	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
362	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
362	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
362	3:45 PM	0.23	44.9	18088	4230	48.6	19593	4582	3.7	1504.9	351.9
362	3:59 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

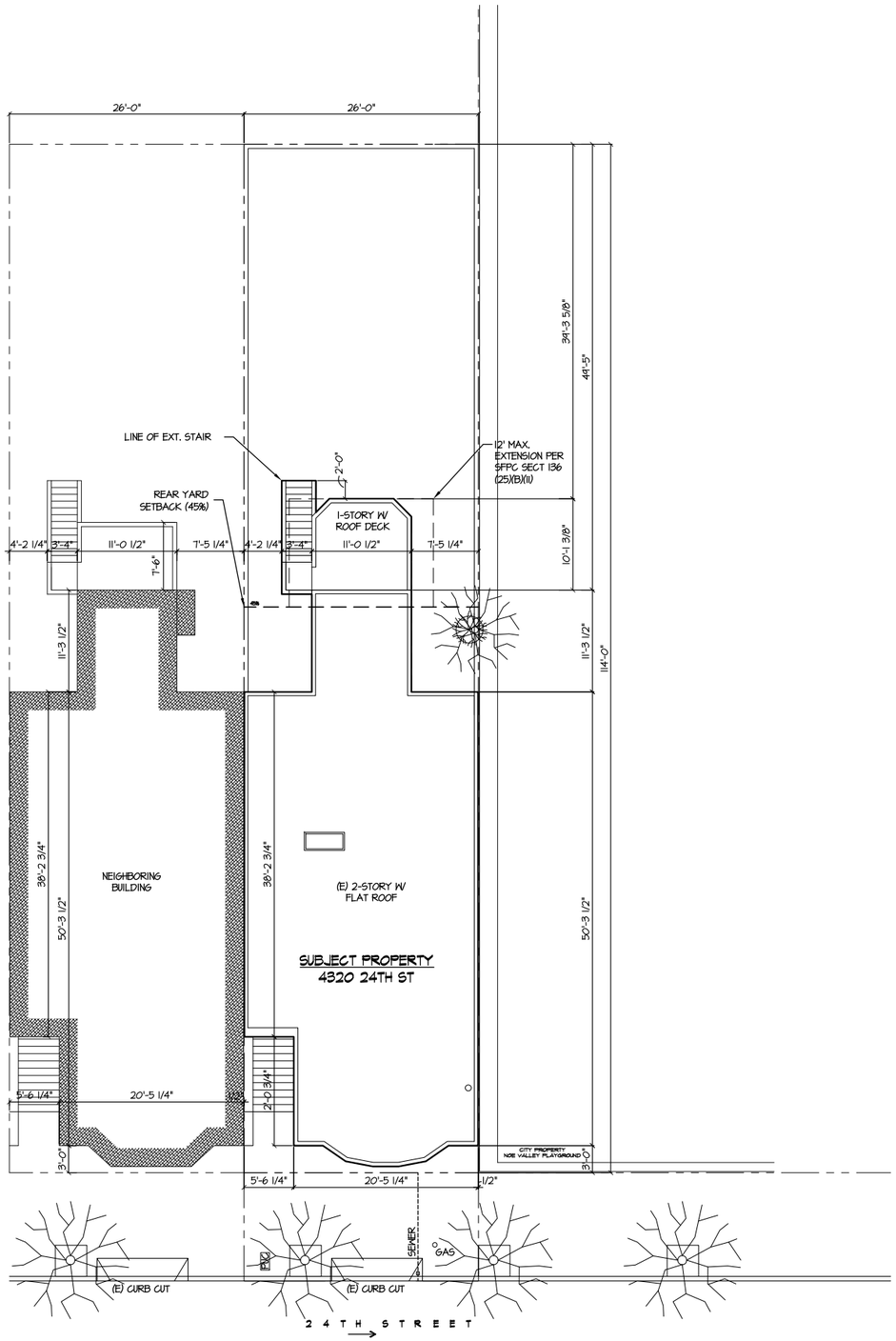
			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
363	8:24 AM	0.09	92.9	37403	3284	92.9	37403	3284	0.0	0.0	0.0
363	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
363	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
363	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
363	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
363	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
363	9:45 AM	0.25	28.8	11611	2903	28.8	11611	2903	0.0	0.0	0.0
363	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
363	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
363	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
363	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
363	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
363	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
363	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
363	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
363	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
363	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0

363	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
363	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
363	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
363	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
363	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
363	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
363	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
363	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
363	2:30 PM	0.25	23.4	9428	2357	25.1	10092	2523	1.6	664.0	166.0
363	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
363	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
363	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
363	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
363	3:45 PM	0.25	44.9	18088	4448	48.6	19593	4818	3.7	1504.9	370.1
363	3:59 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

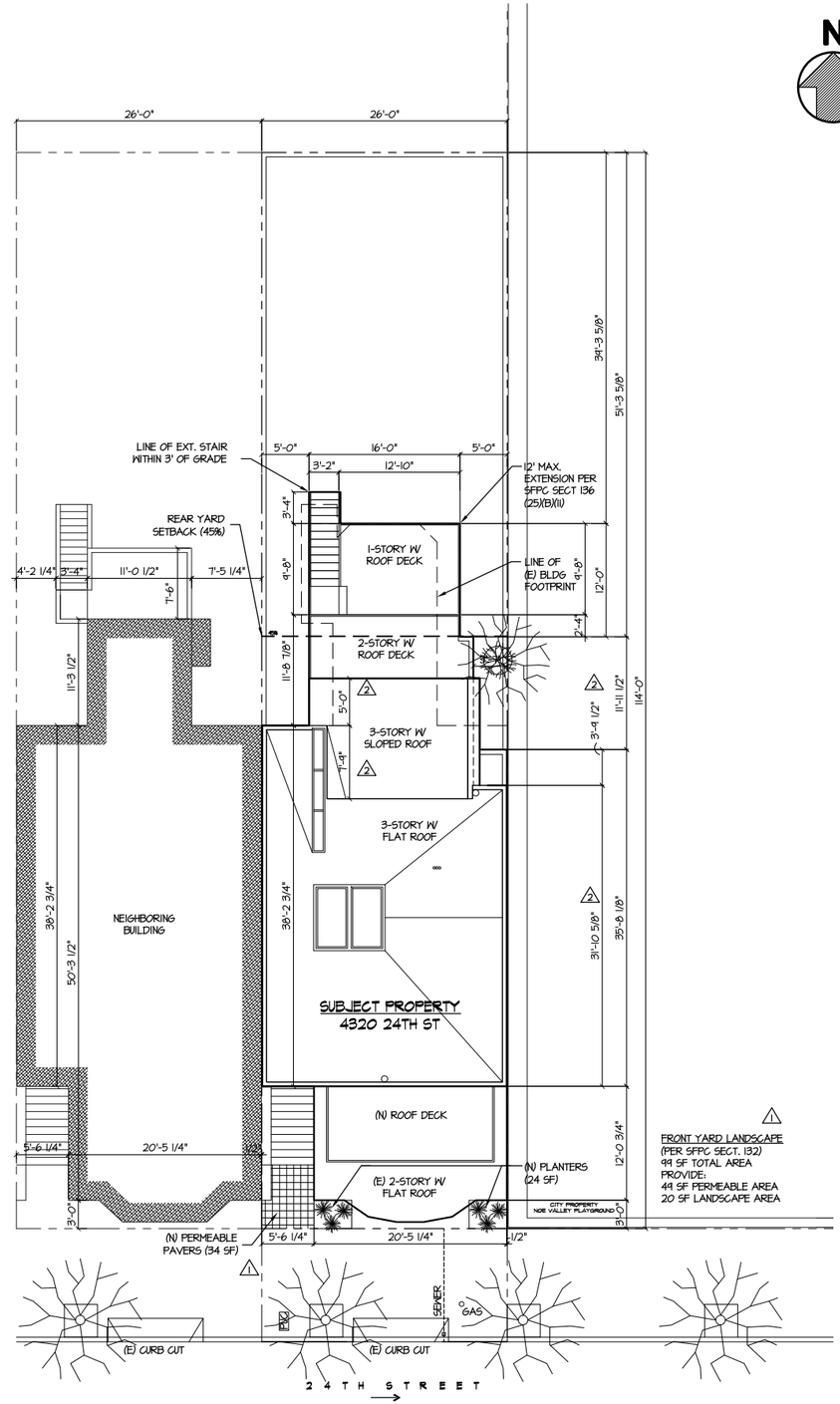
			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
364	8:24 AM	0.08	92.9	37403	3154	92.9	37403	3154	0.0	0.0	0.0
364	8:30 AM	0.25	95.3	38391	9598	95.3	38391	9598	0.0	0.0	0.0
364	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
364	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
364	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
364	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
364	9:45 AM	0.25	33.4	13470	3368	33.4	13470	3368	0.0	0.0	0.0
364	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
364	10:15 AM	0.25	19.6	7908	1977	19.6	7908	1977	0.0	0.0	0.0
364	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
364	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
364	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
364	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
364	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
364	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0
364	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
364	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
364	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
364	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
364	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
364	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
364	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
364	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
364	2:00 PM	0.25	20.0	8056	2014	21.1	8513	2128	1.1	457.4	114.3
364	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
364	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
364	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
364	3:00 PM	0.25	32.5	13072	3268	34.7	13972	3493	2.2	900.0	225.0
364	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
364	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
364	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
364	4:00 PM	0.01	52.4	21113	176	57.3	23075	193	4.9	1962.4	16.4
364	4:00 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0

			EXISTING CONDITIONS			PROPOSED CONDITIONS			NET CHANGE		
DAY	TIME	HOURS	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR	SHADE	SQFT	SQFT-HR
365	8:25 AM	0.08	92.9	37403	3045	92.9	37403	3045	0.0	0.0	0.0
365	8:30 AM	0.25	92.9	37403	9351	92.9	37403	9351	0.0	0.0	0.0
365	8:45 AM	0.25	94.8	38199	9550	94.8	38199	9550	0.0	0.0	0.0
365	9:00 AM	0.25	73.2	29494	7373	73.2	29494	7373	0.0	0.0	0.0
365	9:15 AM	0.25	55.4	22293	5573	55.4	22293	5573	0.0	0.0	0.0
365	9:30 AM	0.25	42.4	17085	4271	42.4	17085	4271	0.0	0.0	0.0
365	9:45 AM	0.25	33.4	13470	3368	33.4	13470	3368	0.0	0.0	0.0
365	10:00 AM	0.25	22.9	9221	2305	22.9	9221	2305	0.0	0.0	0.0
365	10:15 AM	0.25	19.5	7864	1966	19.5	7864	1966	0.0	0.0	0.0
365	10:30 AM	0.25	16.5	6625	1656	16.5	6625	1656	0.0	0.0	0.0
365	10:45 AM	0.25	15.8	6344	1586	15.8	6344	1586	0.0	0.0	0.0
365	11:00 AM	0.25	11.9	4810	1202	11.9	4810	1202	0.0	0.0	0.0
365	11:15 AM	0.25	11.5	4633	1158	11.5	4633	1158	0.0	0.0	0.0
365	11:30 AM	0.25	11.3	4559	1140	11.3	4559	1140	0.0	0.0	0.0
365	11:45 AM	0.25	11.4	4589	1147	11.4	4589	1147	0.0	0.0	0.0

365	12:00 PM	0.25	10.3	4161	1040	10.3	4161	1040	0.0	0.0	0.0
365	12:15 PM	0.25	10.7	4308	1077	10.7	4308	1077	0.0	0.0	0.0
365	12:30 PM	0.25	9.7	3910	977	9.7	3910	977	0.0	0.0	0.0
365	12:45 PM	0.25	10.4	4175	1044	10.4	4175	1044	0.0	0.0	0.0
365	1:00 PM	0.25	9.6	3866	966	9.6	3866	966	0.0	0.0	0.0
365	1:15 PM	0.25	11.3	4530	1132	11.5	4648	1162	0.3	118.0	29.5
365	1:30 PM	0.25	12.8	5149	1287	12.9	5193	1298	0.1	44.3	11.1
365	1:45 PM	0.25	14.4	5813	1453	15.0	6034	1509	0.6	221.3	55.3
365	2:00 PM	0.25	16.7	6728	1682	17.6	7082	1770	0.9	354.1	88.5
365	2:15 PM	0.25	21.2	8543	2136	22.6	9103	2276	1.4	560.6	140.2
365	2:30 PM	0.25	22.6	9103	2276	24.0	9649	2412	1.4	545.9	136.5
365	2:45 PM	0.25	26.3	10579	2645	28.7	11567	2892	2.5	988.5	247.1
365	3:00 PM	0.25	28.4	11449	2862	30.4	12261	3065	2.0	811.4	202.9
365	3:15 PM	0.25	32.9	13234	3309	35.5	14282	3570	2.6	1047.5	261.9
365	3:30 PM	0.25	38.0	15315	3829	41.0	16495	4124	2.9	1180.3	295.1
365	3:45 PM	0.25	44.9	18088	4522	48.6	19593	4898	3.7	1504.9	376.2
365	4:00 PM	0.02	52.4	21113	448	57.3	23075	490	4.9	1962.4	41.7
365	4:01 PM	0.00	52.4	21113	0	57.3	23075	0	4.9	1962.4	0.0



1 EXISTING SITE PLAN
SCALE: 1/16" = 1'-0"



FRONT YARD LANDSCAPE
(PER SFPC SECT. 132)
99 SF TOTAL AREA
PROVIDE:
44 SF PERMEABLE AREA
20 SF LANDSCAPE AREA

2 PROPOSED SITE PLAN
SCALE: 1/16" = 1'-0"

4' 16'
8'

N

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Charmatz Witt Residence
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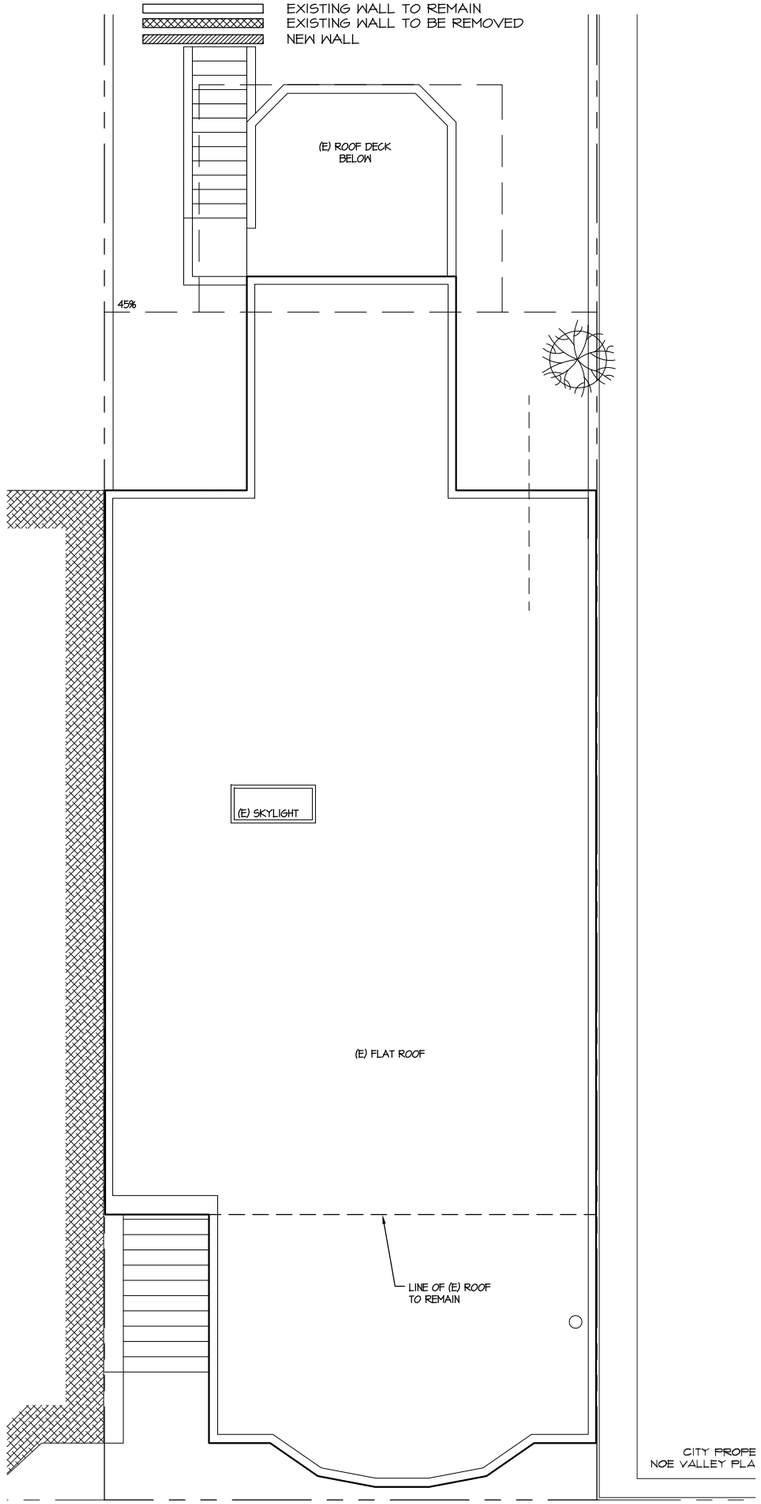
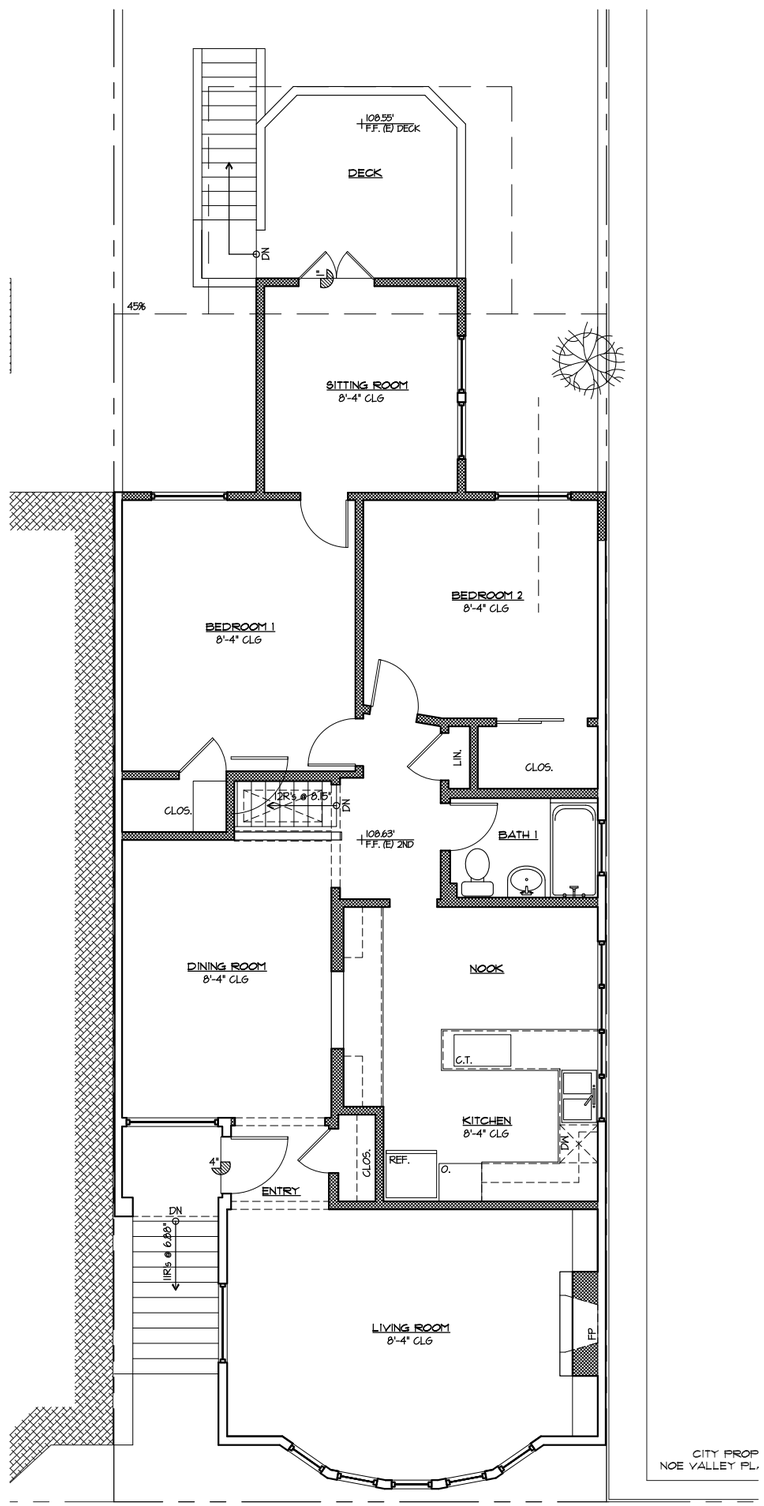
San Francisco, CA 94114
Block # 2829 Lot # 030

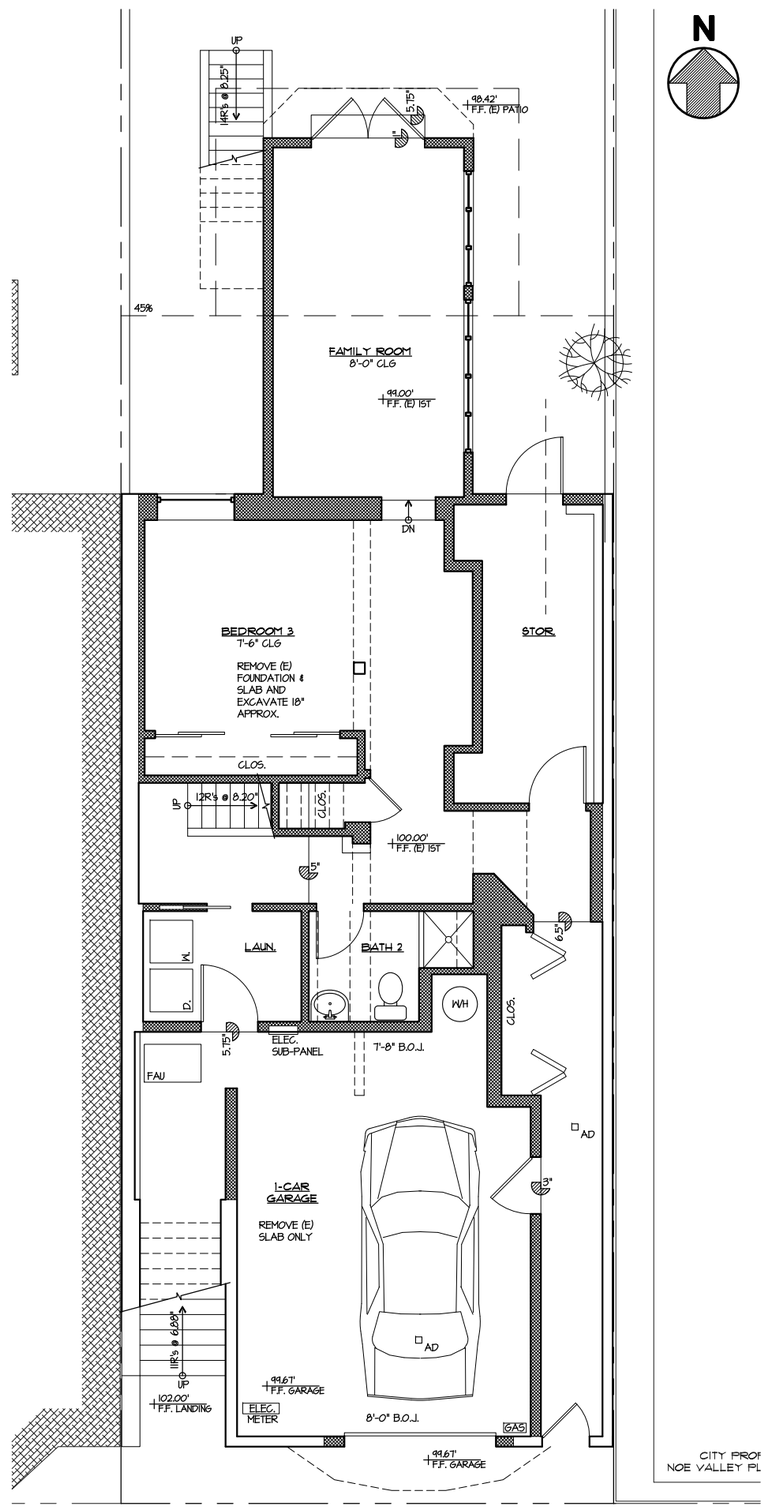
Description	SITE PLANS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	1



3 EXISTING ROOF PLAN
SCALE: 1/8" = 1'-0"



2 EXISTING SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 EXISTING FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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Block # 2829 Lot # 030

Description	EXISTING FLOOR PLANS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	2

EXISTING WALL TO REMAIN
EXISTING WALL TO BE REMOVED
NEW WALL

5'-0" 17'-5" 3'-7"
16'-0" 1'-5"
45%
6'-8 7/8"
BACK DECK
LINE OF OVERHANG
36" x 72" TUB
MASTER BEDROOM
VLTD CLG
3'-4 1/2"
LINE OF SKYLIGHT ABV.
CHASE FOR HOOD
MASTER BATH
9'-0" CLG
W.I.C.
9'-0" CLG
LINEN
36"X72" SHWR
BENCH
W/C
36" x 72" TUB SHWR
LINEN
HALL
9'-0" CLG
120.80'
T.F.F. 3RD
BATH 1
14R's @ 7.88"
DN
CLOS.
CLOS.
BEDROOM 1
9'-0" CLG
BEDROOM 2
9'-0" CLG
CHASE FOR FLUE
3'-2 5/8"
25'-11"
FRONT DECK
30" H. 1-HOUR FIRE RATED PARAPET
1'-4" 17'-9 1/4" 1'-4"
(E) FLAT ROOF
118.71'
T.O. ROOF
CITY PROPERTY
NOE VALLEY PLAYG

3'-4"
STAIR WITHIN 3' OF GRADE
DECK
108.51'
T.F.F. (N) DECK
15R's @ 7.71"
DN
LINE OF OVERHANG, ABV.
3'-7"
45%
11'-8 7/8"
LIVING
11'-0" CLG
LINE OF WRAPPED ROOF OVERHANG
TV
NOOK
11'-0" CLG
KITCHEN
11'-0" CLG
ISLAND
DW
TALL CAB'T
19R's @ 7.68"
UP
108.63'
T.F.F. (E) 2ND
14R's @ 7.4"
DN
REF.
36" H.
42"
½ BATH
WET BAR
CLOSET
DINING
11'-0" CLG
(E) WINDOWS TO BE RETROFITTED W/ INSUL. GLASS
ENTRY
11'-0" CLG
LINE OF CLG CHANGE
F.P.
DN.
FRONT ROOM
+/-9'-0" CLG
CITY PROPER
NOE VALLEY PLAY

UP
3'-4"
STAIR WITHIN 3' OF GRADE
3'-4"
CLOS.
3'-7"
45%
HOME OFFICE
9'-0" CLG
TALL CAB'T
CLOS.
CAB'T
98.50'
T.F.F. (N) 1ST
BEDROOM 3
9'-0" CLG
BATH 2
3R's @ 6"
DN
CURBLESS SHWR 36"x66"
LINEN
BENCH
W
D
LAUNDRY
100.00'
T.F.F. (E) 1ST
14R's @ 7.4"
UP
CAB'T
20 MIN.
(1) BICYCLE PARKING
FAU ABV.
20 MIN.
REF.
WH
CAB'T
SHELV.
2-CAR GARAGE
(E) STAIR
UP
CAB'T
SOLAR
ELEC
99.6T
T.F.F. GARAGE
(N) 10' W. GARAGE DOOR
RELOCATE METER
GAS
(N) WARPED DRIVE
(N) PERMEABLE PAVERS
4'-0"
(N) PLANTER
4'-0"
CITY PROPERTY
NOE VALLEY PLA

N

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Block # 2829 Lot # 030

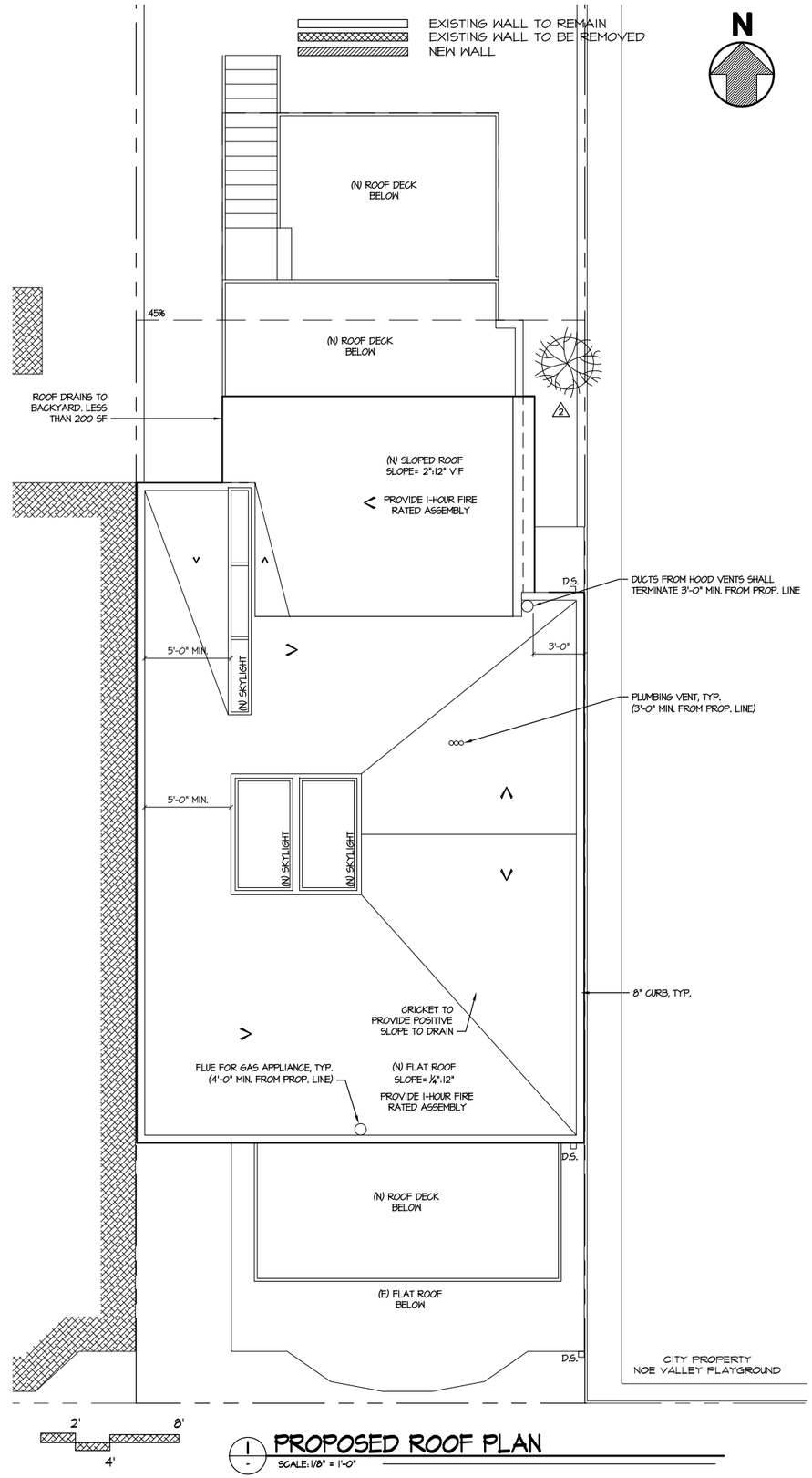
Description	PROPOSED FLOOR PLANS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	3

3 PROPOSED THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

2 PROPOSED SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

1 PROPOSED FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

2' 8' 4'



1 PROPOSED ROOF PLAN
SCALE: 1/8" = 1'-0"

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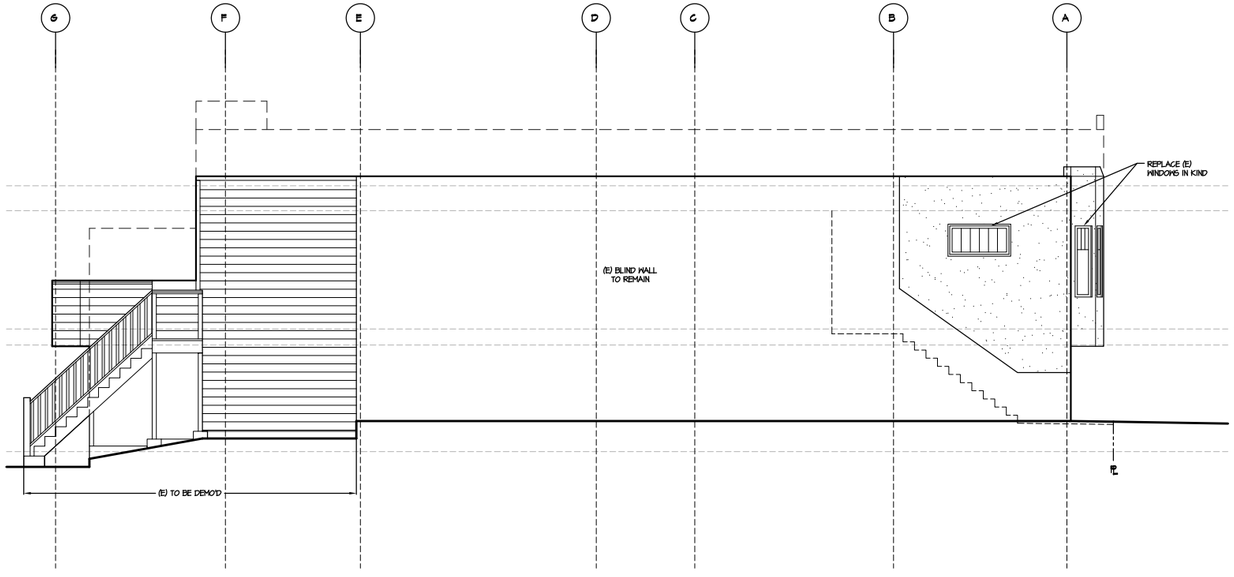
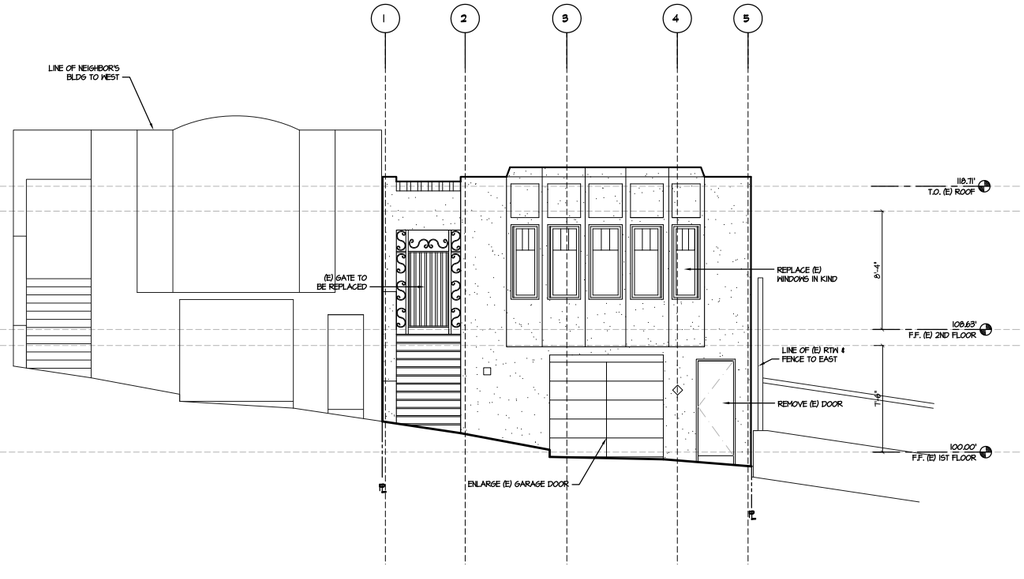
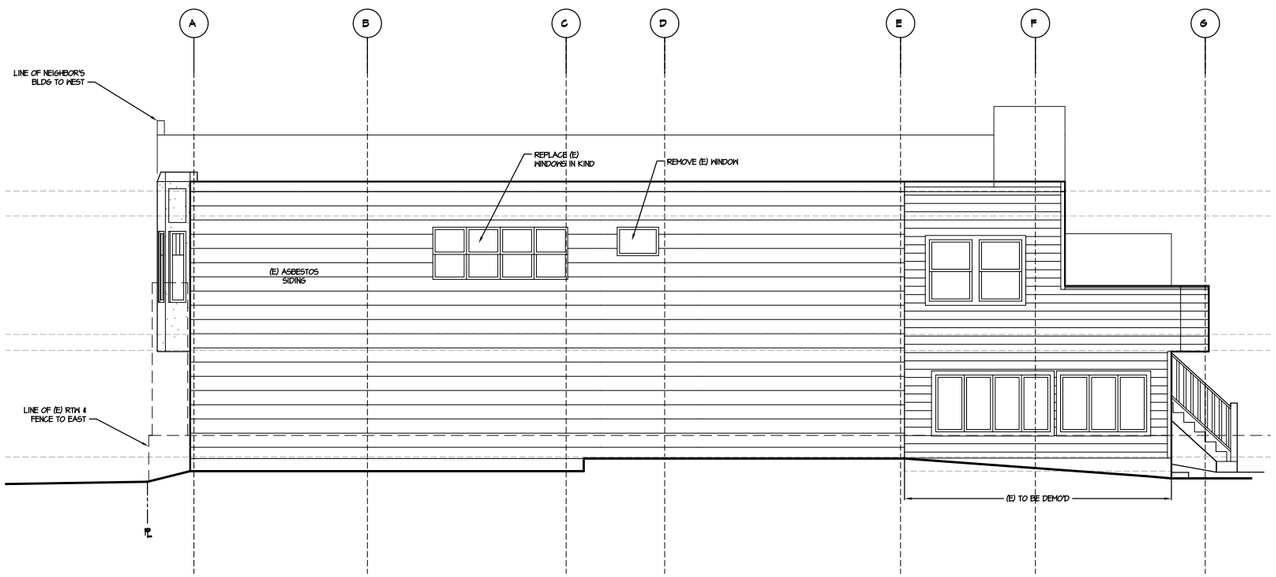
Description	PROPOSED FLOOR PLANS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	4



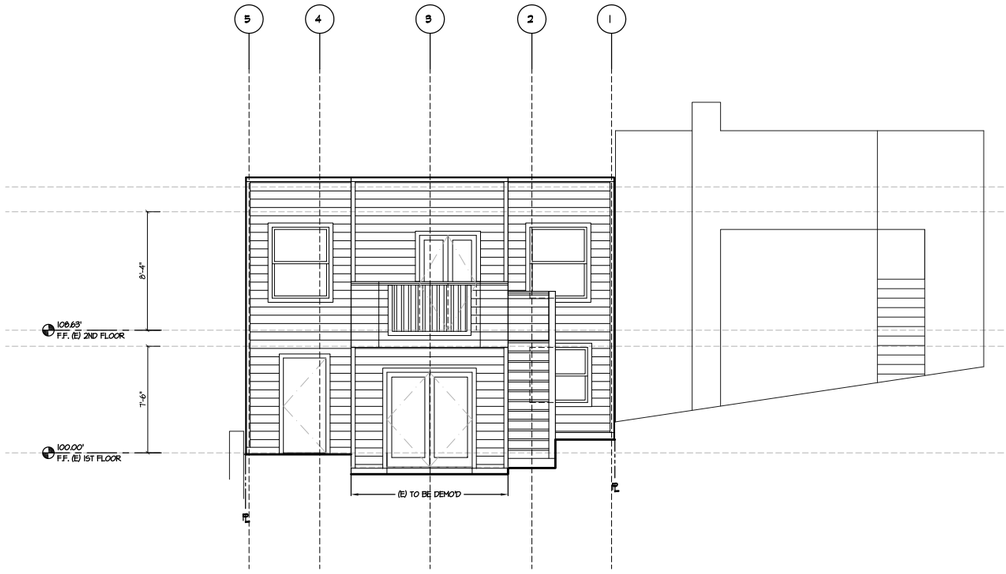
2 EXISTING WEST ELEVATION
SCALE: 3/32" = 1'-0"



1 EXISTING SOUTH ELEVATION (STREET)
SCALE: 3/32" = 1'-0"



4 EXISTING EAST ELEVATION
SCALE: 3/32" = 1'-0"



3 EXISTING NORTH ELEVATION (REAR)
SCALE: 3/32" = 1'-0"

1' 10'
5'

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151 Potrero Ave. STE 200
San Francisco, CA 94103
415.641.7320
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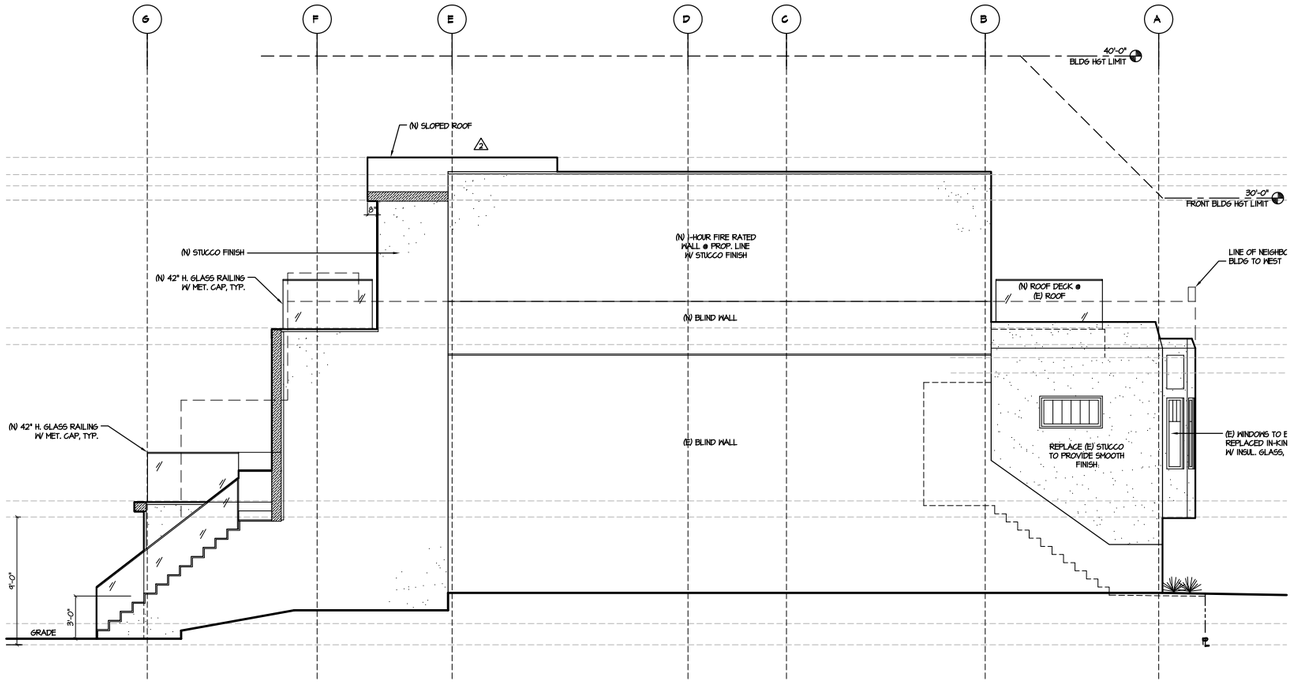
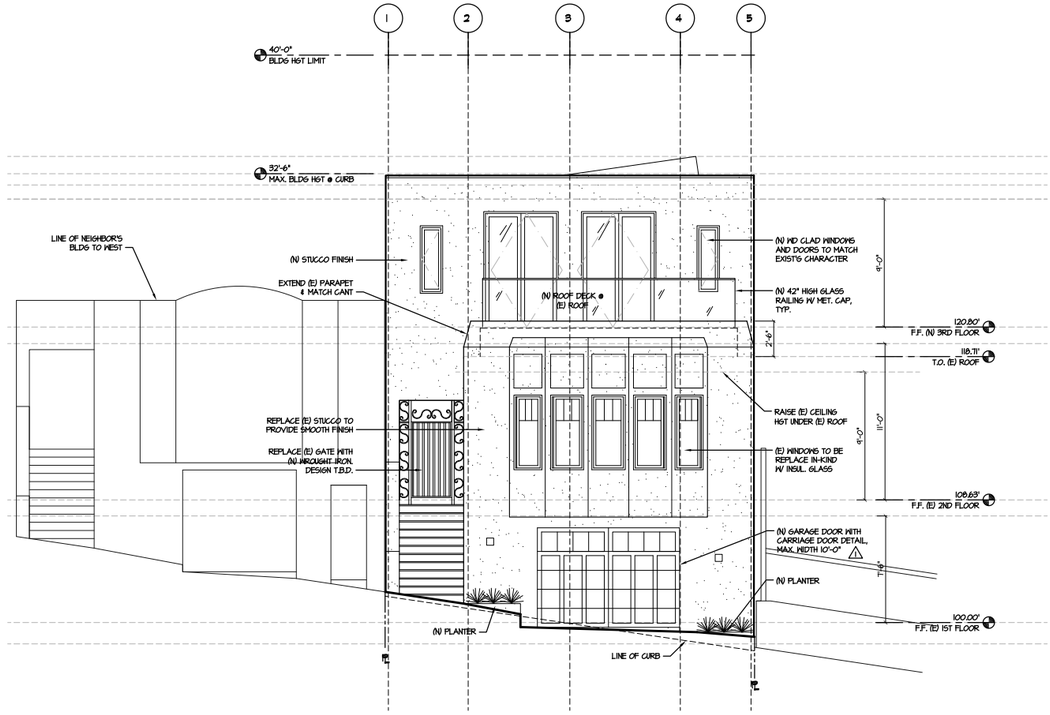
Charmatz Witt Residence
4320 24th Street
San Francisco, CA 94114
Block # 2829 Lot # 030

Description	EXISTING ELEVATIONS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	5



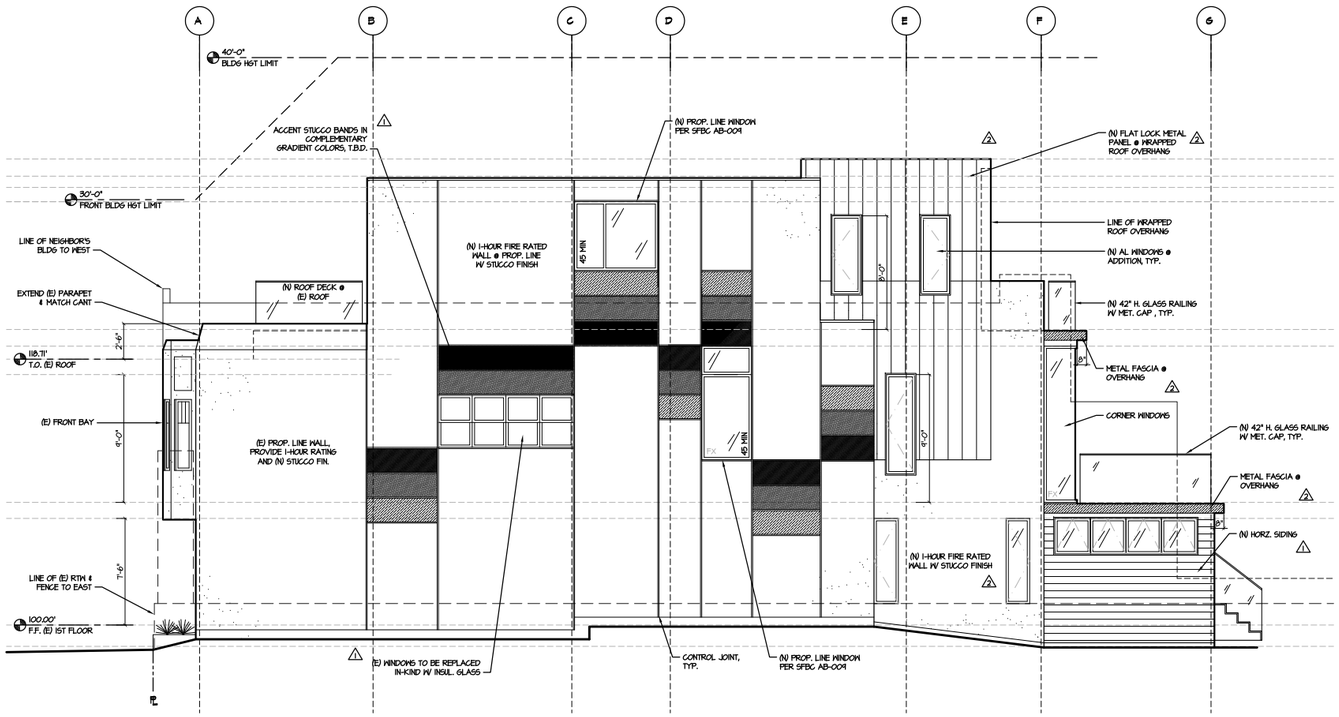
2 PROPOSED WEST ELEVATION

SCALE: 3/32" = 1'-0"



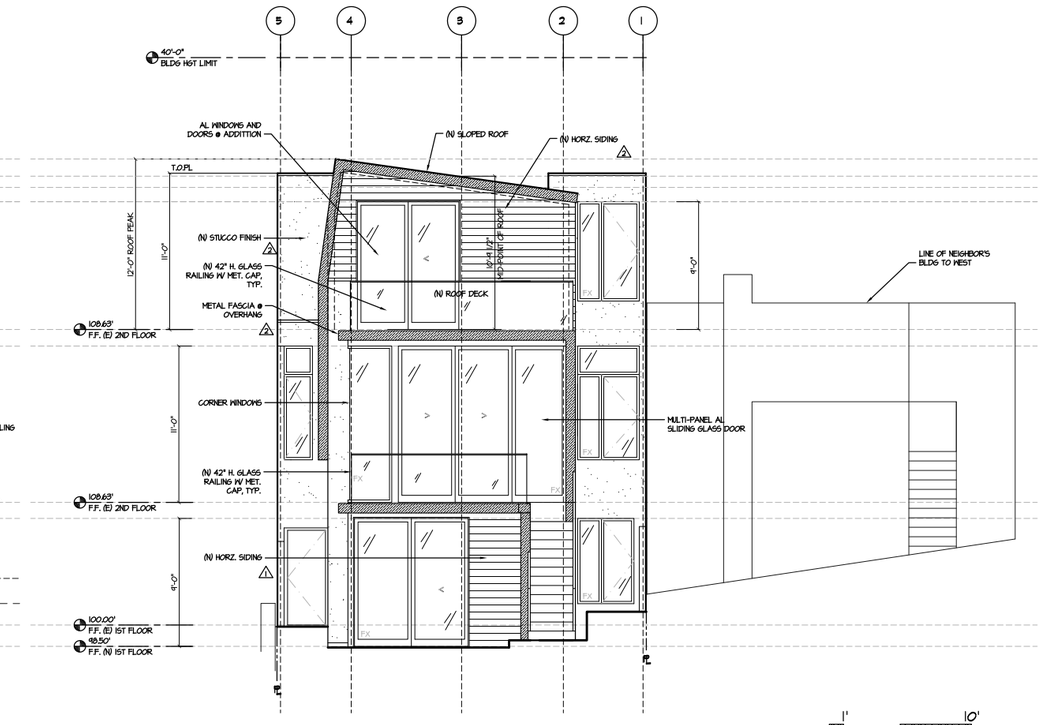
1 PROPOSED SOUTH ELEVATION (STREET)

SCALE: 3/32" = 1'-0"



4 PROPOSED EAST ELEVATION

SCALE: 3/32" = 1'-0"



3 PROPOSED NORTH ELEVATION (REAR)

SCALE: 3/32" = 1'-0"

1' 10' 5'

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Description	PROPOSED ELEVATIONS
Date:	04.05.2016
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	6

ABBREVIATIONS

@	AT
℄	CENTERLINE
#	NUMBER
°	DEGREE(S)
ø	DIAMETER
±	PLUS or MINUS
A/C	AIR CONDITIONING
ACOUS.	ACOUSTICAL
AD	AREA DRAIN
ADJ.	ADJACENT
ADJS.	ADJUSTABLE
A.F.F.	ABOVE FINISH FLOOR
ALT.	ALTERNATE
APPROX.	APPROXIMATE
ARCH.	ARCHITECT
BD	BOARD
BET.	BETWEEN
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOT.	BOTTOM
BU.	BUILT UP
CAB.	CABINET
CER.	CERAMIC
CIRC.	CIRCLE
CLG	CEILING
CLR.	CLEAR(ANCE)
CNTR	COUNTER
COL.	COLUMN
CONC.	CONCRETE
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CPT	CARPET
C.T.	CERAMIC TILE
CTR	CENTER
DEMO.	DEMOLITION
DET.	DETAIL
DF	DOUGLAS FIR
DIA.	DIAMETER
DIM.	DIMENSION
DN	DOWN
DS	DOWN SPOUT
DR.	DOOR
DWG	DRAWING
DWR	DRAWER
EA.	EACH
EL.	ELEVATOR
ELEV.	ELEVATION
ENCL.	ENCLOSE(URE)
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST.	ESTIMATE
EXH.	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
FIN.	FINISH(ED)
F.F.	FINISH FLOOR
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.O.S.	FACE OF STUD(S)
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
FT	FOOT/FEET
FURR.	FURRED/FURRING
FUT.	FUTURE
GA.	GAGE
G.C.	GENERAL CONTRACTOR
GEN.	GENERAL
G.F.I.	GROUND FAULT INTERRUPT
GL.	GLASS/GLAZING
GYP.	GYPSUM
H.C.	HOLLOW CORE
HD	HEAD
HDR	HEADER
HDWR.	HARDWARE
HORIZ.	HORIZONTAL
HGT	HEIGHT
H.V.A.C.	HEATING VENTILATING AIR CONDITIONING
INSUL.	INSULATION
INT.	INTERIOR
JT	JOINT
JST	JOIST
KIT.	KITCHEN
KPL.	KICKPLATE
LAM.	LAMINATED
LVR.	LOUVER
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MFR	MANUFACTURER(R)
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MTD	MOUNTED
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S	NOT TO SCALE
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPP.	OPPOSITE
P.BD	PARTICLE BOARD
P-LAM	PLASTIC LAMINATE
PLY WD	PLYWOOD
PNL	PANEL
REF.	REFERENCE
REFL.	REFLECTED
REFR	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCING
REQ.	REQUIRED
REV.	REVISION
RM	ROOM
R.O.	ROUGH OPENING
R.T.W.	RETAINING WALL
S.C.	SOLID CORE
S.E.	STRUCTURAL ENGINEERING
SECT.	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
SQ.	SQUARE
STD	STANDARD
ST.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
T.B.D.	TO BE DETERMINED
TEL.	TELEPHONE
TEMP.	TEMPERED
T&G	TONGUE & GROOVE
THK.	THICKNESS
THRESH.	THRESHOLD
T.O.	TOP OF
T.V.	TELEVISION
TYP.	TYPICAL
UNFIN.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
VCT	VINYL COMPOSITE. TILE
VEN.	VENEER
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
WH	WATER HEATER
W.P.	WATER PROOF
WD	WOOD
WT	WEIGHT

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH, UNLESS OTHERWISE NOTED.

2. CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS TO COORDINATE WITH EXISTING BUILDING CONDITIONS. ANY VARIANCES AND / OR DISCREPANCIES THAT ARISE IN THE ABOVE REVIEW SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

3. DISCREPANCIES IN DIMENSION OR LAYOUT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.

4. DO NOT SCALE DRAWINGS!

5. DESIGN AND CONSTRUCTION SHALL CONFORM TO ALL GOVERNMENT CODES AND ORDINANCES: 2013 CALIFORNIA & SAN FRANCISCO CODES, INCLUDING BUILDING, ELECTRICAL, MECHANICAL, PLUMBING, ENERGY, AND PLANNING.

6. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED, ADJUSTED, AND CONDITIONED AS DIRECTED BY THE MANUFACTURER UNLESS HEREIN SPECIFIED TO THE CONTRARY.

7. ALL MATERIALS SHALL BE NEW AND UNUSED, UNLESS OTHERWISE NOTED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT. ALL WORK SHALL BE DONE IN A THOROUGH, WORKMANLIKE MANNER COMPLYING WITH ALL APPLICABLE CODES AND ORDINANCES. WORKMANSHIP SHALL BE EQUAL TO THE BEST STANDARDS OF PRACTICE.

8. ALL DIMENSIONS NOTED "VERIFY" SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND REPORTED TO THE ARCHITECT.

9. FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.

10. ELECTRICAL SUBCONTRACTOR SHALL FURNISH AND INSTALL, COMPLETE, ALL MATERIALS, EQUIPMENT AND LABOR AS SHOWN AND IS NECESSARY FOR A COMPLETE WORKABLE SYSTEM. ALL MATERIALS SHALL BE NEW AND FREE FROM ANY DEFECTS. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES.

11. EXHAUST SYSTEM SHALL CONFORM TO ALL GOVERNMENT CODES AND ORDINANCES.

12. MECHANICAL SUBCONTRACTOR SHALL PERFORM ALL TESTING REQUIRED BY CODES.

13. ELECTRICAL AND PLUMBING CONTRACTORS ARE RESPONSIBLE FOR FOR THE FILING OF THEIR OWN PERMITS.

14. THE BUILDING, ITS GROUNDS AND THE NEIGHBORING BUILDINGS, PROPERTIES AND STREET SHALL BE PROTECTED FROM ANY DAMAGE THAT MAY OCCUR DUE TO THIS WORK. ANY DAMAGES THAT OCCUR ARE THE FINANCIAL RESPONSIBILITY OF THE GENERAL CONTRACTOR.

15. ALL WASTE AND REFUSE CAUSED BY THE WORK SHALL BE REMOVED FROM THE PREMISES AND DISPOSED OF BY THE CONTRACTOR. THE PREMISES SHALL BE LEFT CLEAN AND CLEAR TO THE SATISFACTION OF THE ARCHITECT.

16. GENERAL CONTRACTOR GUARANTIES ALL MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION.

CAL GREEN BUILDING STANDARDS CODE

CAL GREEN REQUIRED MEASURES - THE CA GREEN BUILDING CODE (TITLE 24 PART 11) REQUIRES:

1. INDOOR AIR QUALITY MANAGEMENT DURING CONSTRUCTION - DUCT OPENINGS AND AIR DISTRIBUTION COMPONENT OPENINGS MUST COVERED DURING ALL PHASES OF CONSTRUCTION. TAPE, PLASTIC, SHEET METAL OR OTHER ACCEPTABLE METHODS MAY BE USED TO REDUCE THE AMOUNT OF WATER, DUST, AND DEBRIS ENTERING THE SYSTEM.

2. SMART IRRIGATION CONTROLLER - AUTOMATICALLY ADJUST IRRIGATION BASED ON WEATHER AND SOIL MOISTURE. CONTROLLERS MUST HAVE EITHER AN INTEGRAL OR SEPARATE RAIN SENSORS THAT CONNECTS OR COMMUNICATES WITH THE CONTROLLER.

3. INDOOR WATER EFFICIENCY - PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH THE FOLLOWING: WATER CLOSETS ≤ 1.28 GAL/FLUSH; URINALS ≤ 0.5 GAL/FLUSH, SHOWERHEADS ≤ 2.0 GPM @ 80 PSI; RESIDENTIAL LAVATORY FAUCET ≤ 1.5 GPM; LAVATORY FAUCETS IN COMMON AND PUBLIC USE AREAS ≤ 0.5 GPM @ 60 PSI; METERING FAUCETS ≤ 0.25 GAL/CYCLE; AND KITCHEN FAUCETS ≤ 1.8 GPM @ 60 PSI (TEMPORARY INCREASE TO 2.2 GPM ALLOWED, BUT MUST DEFAULT TO < 1.8 GPM).

4. BATHROOM EXHAUST FANS - MUST BE ENERGY STAR COMPLIANT, DUCTED TO TERMINATE OUTSIDE THE BUILDING, AND CONTROLLED BY HUMIDISTAT CAPABLE OF ADJUSTMENT BETWEEN RELATIVE HUMIDITY OF LESS THAN 50% TO MAXIMUM OF 80%. HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT FROM THE EXHAUST FAN.

5. LOW-VOC WALL/CEILING PAINTS - CARB VOC LIMITS (CAL GREEN TABLE 4.504.3)

6. LOW-VOC AEROSOL PAINTS AND COATING - MEET BAAQMD VOC LIMITS (REGULATION 8, RULE 49) AND PRODUCT-WEIGHTED MIR LIMITS FOR ROC (CCR TITLE 17, SECTION 94520)

7. LOW-VOC CAULKS, CONSTRUCTION ADHESIVES, AND SEALANTS - MEET SCAQMD RULE 1168, SEE CAL GREEN TABLES 4.504.1 AND 4.504.2.

8. LOW-EMITTING COMPOSITE WOOD - MEET CALIFORNIA AIR RESOURCES BOARD AIRBORNE TOXIC CONTROL MEASURE FORMALDEHYDE LIMITS FOR COMPOSITE WOOD. SEE CAL GREEN TABLE 4.504.5

9. LOW-EMITTING FLOORING: ALL CARPET SYSTEMS, CARPET CUSHION, CARPET ADHESIVE, AND AT LEAST 80% OF RESILIENT FLOORING MUST BE LOW-EMITTING.

10. OPERATIONS AND MAINTENANCE MANUALS AND TRAINING - PROVIDE O&M MANUAL TO BUILDING MAINTENANCE STAFF DUE AT THE TIME OF FINAL INSPECTION.

11. SURFACE DRAINAGE: CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE SURFACE WATER FLOWS.

12. PEST PROTECTION - ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE CLOSED WITH CEMENT MORTAR, CONCRETE MASONRY, OR A SIMILAR METHOD ACCEPTABLE TO DBI FOR PROTECTION AGAINST RODENTS.

13. FIREPLACES AND WOODSTOVES - INSTALL ONLY DIRECT-VENT OR SEALED-COMBUSTION APPLIANCES; COMPLY WITH US EPA PHASE II LIMITS.

14. CAPILLARY BREAK FOR CONCRETE SLAB ON GRADE - CONCRETE SLAB ON GRADE FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER MUST ALSO HAVE A CAPILLARY BREAK, INCLUDING AT LEAST ONE OF THE FOLLOWING: 1) A 4" THICK BASE OF ¾" OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN WHICH WILL ADDRESS BLEEDING, SHRINKAGE AND CURLING SHALL BE USED. FOR ADDITIONAL INFORMATION, SEE AMERICAN CONCRETE INSTITUTE, ACI 302.2R06. 2) A SLAB DESIGN SPECIFIED BY A LICENSED DESIGN PROFESSIONAL.

15. MOISTURE CONTENT OF BUILDING MATERIALS - VERIFY WALL AND FLOOR FRAMING DOES NOT EXCEED 19% MOISTURE CONTENT PRIOR TO ENCLOSURE. MATERIALS WITH VISIBLE SIGNS OF MOISTURE DAMAGE SHALL NOT BE INSTALLED. MOISTURE CONTENT SHALL BE VERIFIED IN COMPLIANCE WITH THE FOLLOWING: 1) MOISTURE CONTENT SHALL BE DETERMINED WITH EITHER A PROBE-TYPE OR A CONTACT-TYPE MOISTURE METER. EQUIVALENT MOISTURE VERIFICATION METHODS MAY BE APPROVED BY THE ENFORCING AGENCY AND SHALL SATISFY REQUIREMENTS IN SECTION 101.8. 2) MOISTURE READINGS SHALL BE TAKEN AT A POINT 2 FEET TO 4 FEET FROM GRADE-STAMPED END OF EACH PIECE TO BE VERIFIED. 3) AT LEAST THREE RANDOM MOISTURE READINGS SHALL BE PERFORMED ON WALL AND FLOOR FRAMING WITH DOCUMENTATION ACCEPTABLE TO THE ENFORCING AGENCY PROVIDED AT THE TIME OF APPROVAL TO ENCLOSE THE WALL AND FLOOR FRAMING. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. MANUFACTURERS' DRYING RECOMMENDATIONS SHALL BE FOLLOWED FOR WET-APPLIED INSULATION PRODUCTS PRIOR TO ENCLOSURE.

16. HVAC INSTALLER QUALIFICATIONS - HVAC SYSTEM INSTALLERS MUST BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS, SUCH AS VIA A STATE CERTIFIED APPRENTICESHIP PROGRAM, PUBLIC UTILITY TRAINING PROGRAM (WITH CERTIFICATION AS INSTALLER QUALIFICATION), OR OTHER PROGRAM ACCEPTABLE TO THE DEPARTMENT OF BUILDING INSPECTION.

SAN FRANCISCO GREEN BUILDING CODE

1. CONSTRUCTION AND DEMOLITION DEBRIS DIVERSION - 100% OF MIXED DEBRIS MUST BE TRANSPORTED BY A REGISTER HAULER TO A REGISTER FACILITY AND BE PROCESSED FOR RECYCLING.

2. RECYCLING BY OCCUPANTS: PROVIDE ADEQUATE SPACE AND EQUAL ACCESS FOR STORAGE, COLLECTION AND LOADING OF COMPOSTABLE, RECYCLABLE AND LANDFILL MATERIALS.

3. CONSTRUCTION SITE RUNOFF POLLUTION PREVENTION - PROVIDE A CONSTRUCTION SITE STORMWATER POLLUTION PREVENTION PLAN AND IMPLEMENT SFPUC BEST MANAGEMENT PRACTICES.

4. STORMWATER CONTROL PLAN - PROJECTS DISTURBING ≥ 5,000 SF OF GROUND SURFACE MUST IMPLEMENT A STORMWATER CONTROL PLAN MEETING SFPUC STORMWATER DESIGN GUIDELINES.

5. WATER EFFICIENT IRRIGATION - PROJECTS THAT INCLUDE 1,000 SF OR MORE OF NEW OR MODIFIED LANDSCAPE MUST COMPLY WITH THE SAN FRANCISCO WATER EFFICIENT IRRIGATION ORDINANCE.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- PROPOSED WALL
- FIRE RATED WALL (1-HOUR U.O.N.)
- (1) DOOR SYMBOL
- (13) WINDOW SYMBOL
- 1 REVISION
- PL PROPERTY LINE
- A REFERENCE GRID LINE
- 3 / A8 SECTION REFERENCE / SHEET NUMBER
- 2 / A6 DETAIL REFERENCE / SHEET NUMBER

PROJECT DATA

OWNER:	ANDY CHARMATZ & SARA WITT 3635 20TH STREET SAN FRANCISCO, CA 94110 415-830-1110
ARCHITECT:	LEVY ART & ARCHITECTURE INC 1286 SANCHEZ STREET SAN FRANCISCO, CA 94114 415-641-7320 FAX: 415-641-1710
PROJECT ADDRESS:	4320 24TH STREET SAN FRANCISCO, CA 94114
ASSESSOR'S BLOCK:	2829 LOT 030
ZONING:	RH-2
OCCUPANCY:	R3
TYPE CONSTRUCTION:	V B
ALLOW. BLDG HGT: ALLOW. BLDG AREA:	3 STORY UNLIMITED — PER TABLE 503 OF THE 2013 CBC
EXIST STORY / BASEMENT: PROPOSED STORY / BASEMENT:	2 STORY / 0 BASEMENT 3 STORY / 0 BASEMENT
NO. OF UNITS:	EXISTING = 1 / PROPOSED = 1

BUILDING EQUIPPED THROUGHOUT TO NFPA 13R WITH AUTO. SPRINKLER SYSTEM IN ACCORDANCE W/ CBC SECT 903.3.1.2

PROJECT DESCRIPTION:

RENOVATION OF (E) SINGLE FAMILY DWELLING, INCLUDING:

1. (N) 3RD STORY VERTICAL ADDITION W/ 3 BEDROOMS AND 2 BATHS
2. EXPAND WIDTH OF (E) 1ST STORY ROOM AND DECK IN REAR
3. INTERIOR REMODEL OF (E) FLOORS
4. STRUCTURAL WORK AS REQ'D
5. FIRE SPRINKLER, PLUMBING & ELECTRICAL WORK (VIA SEPARATE PERMIT)

BUILDING AREA:

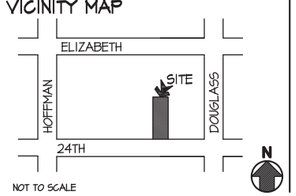
CONDITIONED AREA	EXISTING	PROPOSED
FIRST FLOOR:	1034 SF	855 SF
SECOND FLOOR:	1360 SF	1434 SF
THIRD FLOOR:	0 SF	1015 SF
TOTAL:	2394 SF	3304 SF
INCREASE IN AREA:		+905 SF
UNCONDITIONED AREA		
GARAGE:	401 SF	115 SF
DECK:	108 SF	381 SF

3

SHEET INDEX

A0.1	PROJECT DATA & NOTES, & PROPOSED SITE PLAN
A0.2	EXISTING SITE PLAN
A1.1	EXISTING 1ST & 2ND FLOOR PLANS
A1.2	EXISTING ROOF PLAN
A1.3	EXISTING SOUTH & EAST ELEVATIONS
A1.4	EXISTING NORTH & WEST ELEVATIONS
A2.1	PROPOSED 1ST & 2ND FLOOR PLANS
A2.2	PROPOSED 3RD FLOOR & ROOF PLANS
A3.1	PROPOSED SOUTH ELEVATION
A3.2	PROPOSED EAST ELEVATION
A3.3	PROPOSED NORTH ELEVATION
A3.4	PROPOSED WEST ELEVATION
A4.1	PROPOSED BUILDING SECTION A-A
A4.2	PROPOSED BUILDING SECTION B-B

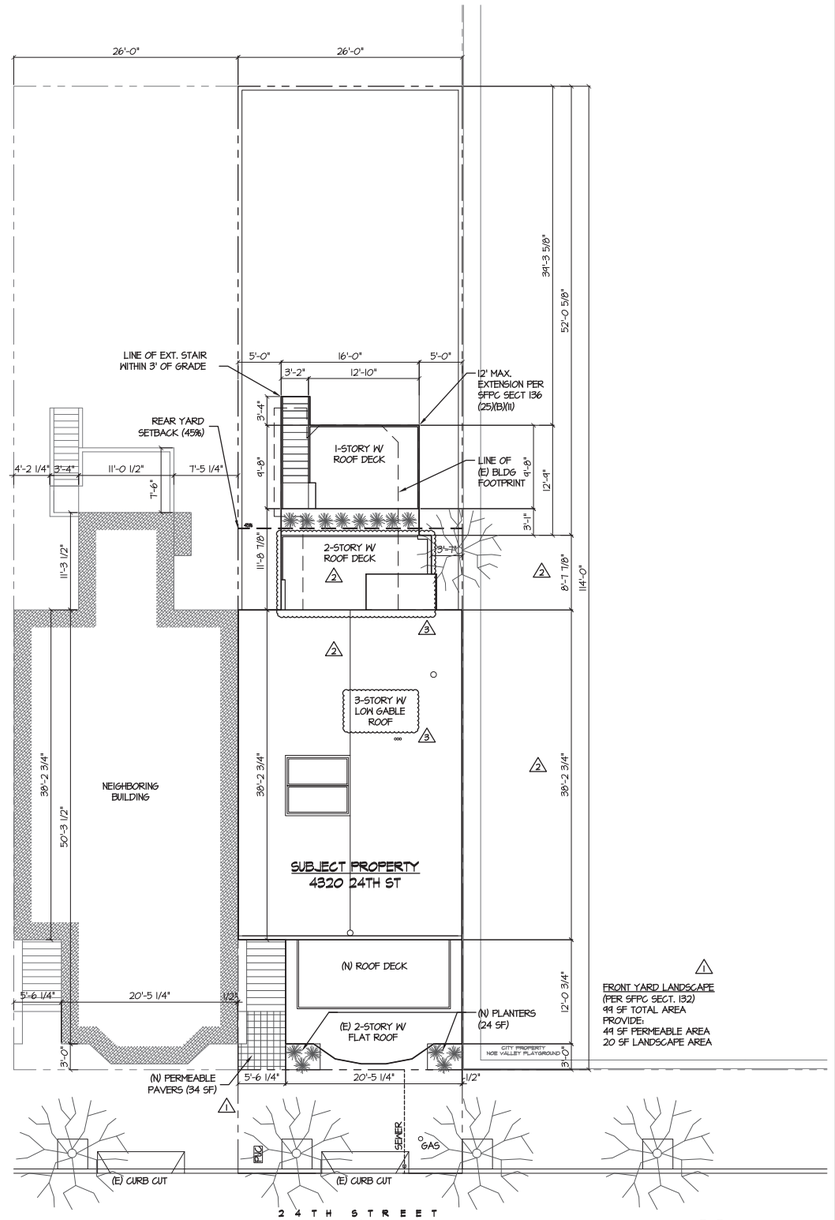
VICINITY MAP



NOT TO SCALE

OCCUPANT LOAD CALC 3

FLOOR AREA:		O.L. FACTOR	O.L.
1ST STORY			
DWELLING GROSS	710 SF	200	3
2ND STORY			
DWELLING GROSS	1350 SF	200	6
3RD STORY			
DWELLING GROSS	954 SF	200	4
		TOTAL	13



1 / - PROPOSED SITE PLAN

SCALE: 1/8" = 1'-0"

4" 8"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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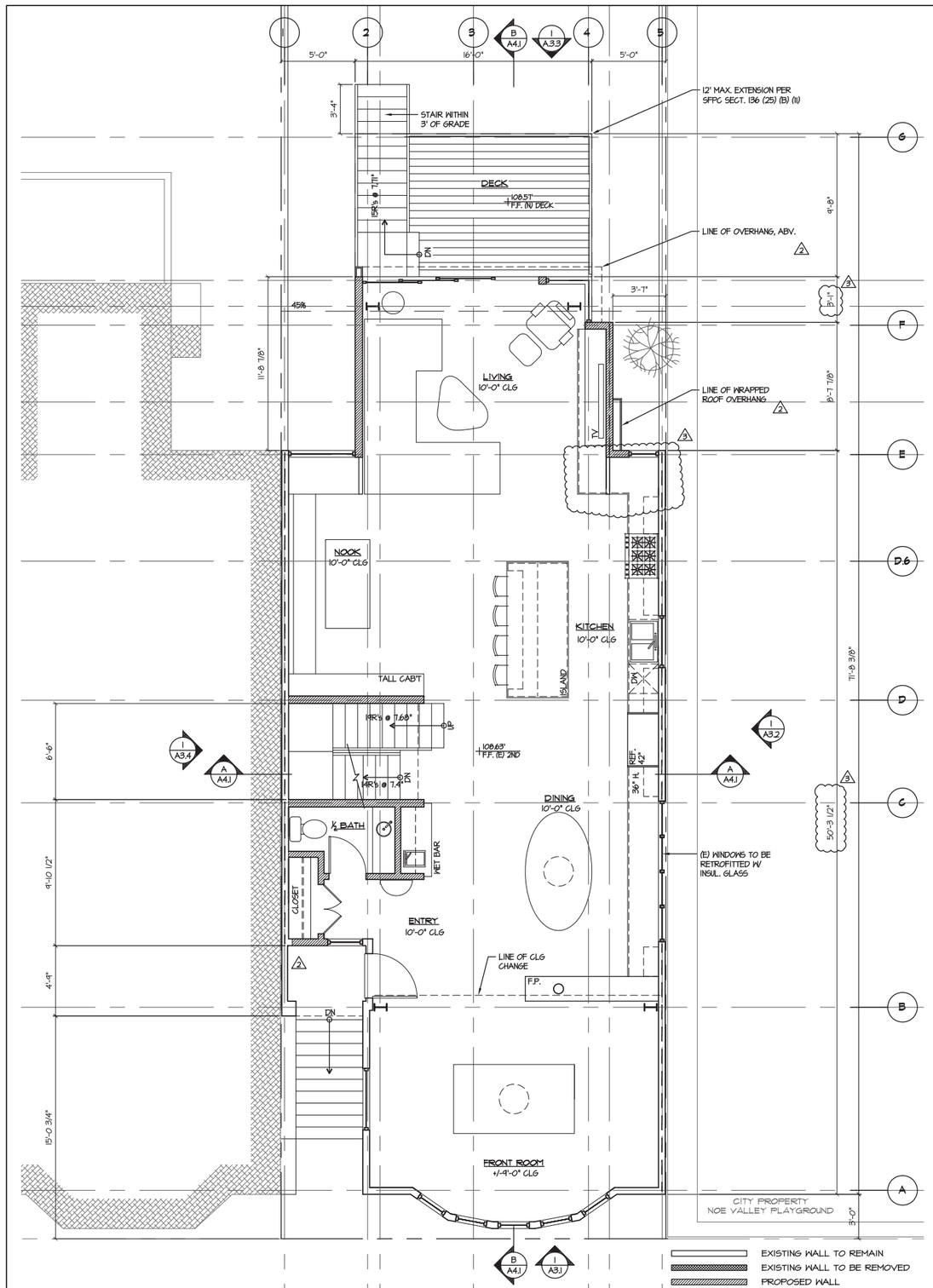
LICENSED ARCHITECT ROSS M LEVY C 25660 12/31 RENEWAL STATE OF CALIFORNIA

Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

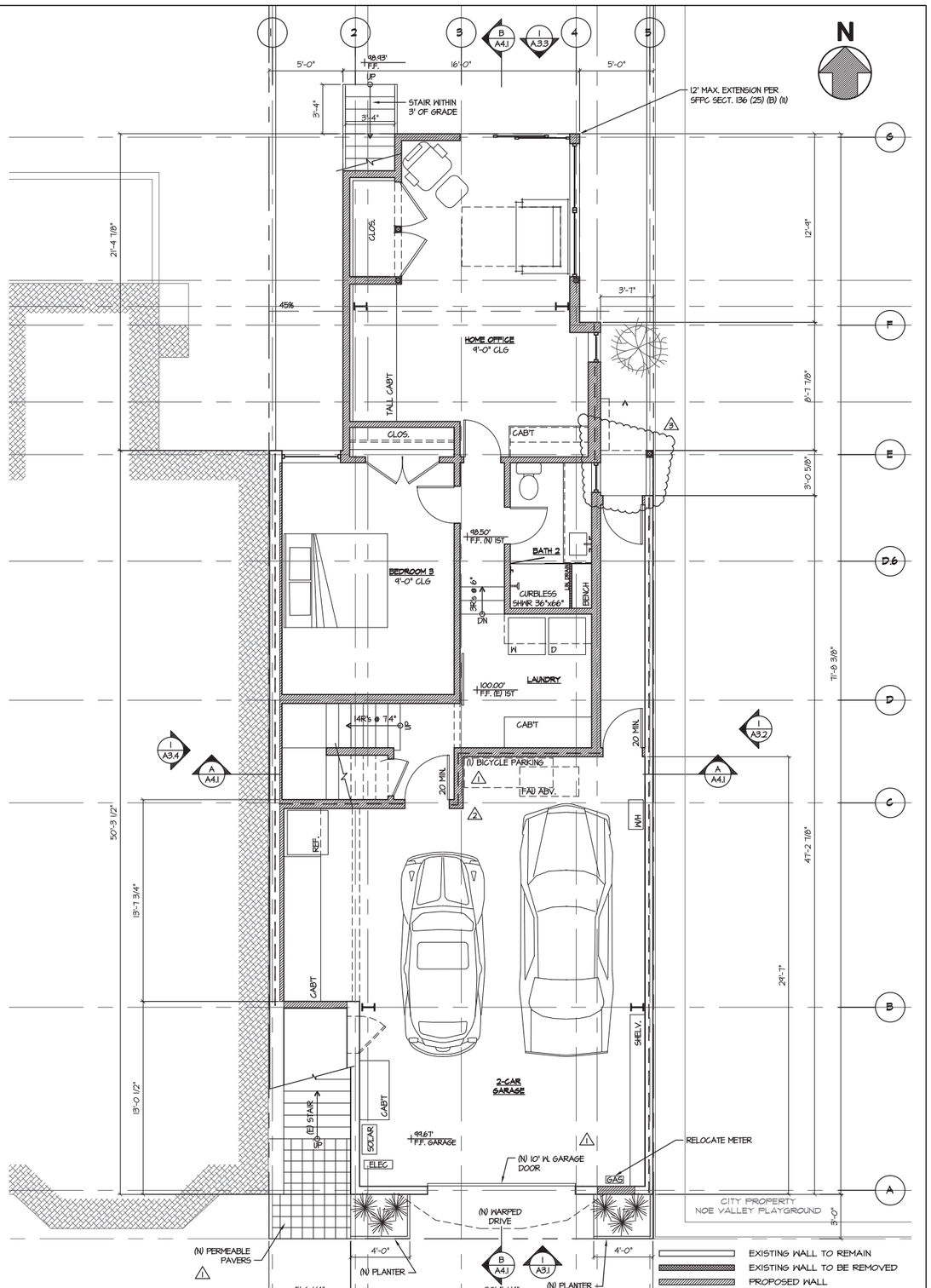
Description: PROJECT DATA & SITE PLAN

Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A0.1



2 PROPOSED SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"



1 PROPOSED FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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LICENSED ARCHITECT ROSS M LEVY C 25660 RENEWAL DATE STATE OF CALIFORNIA

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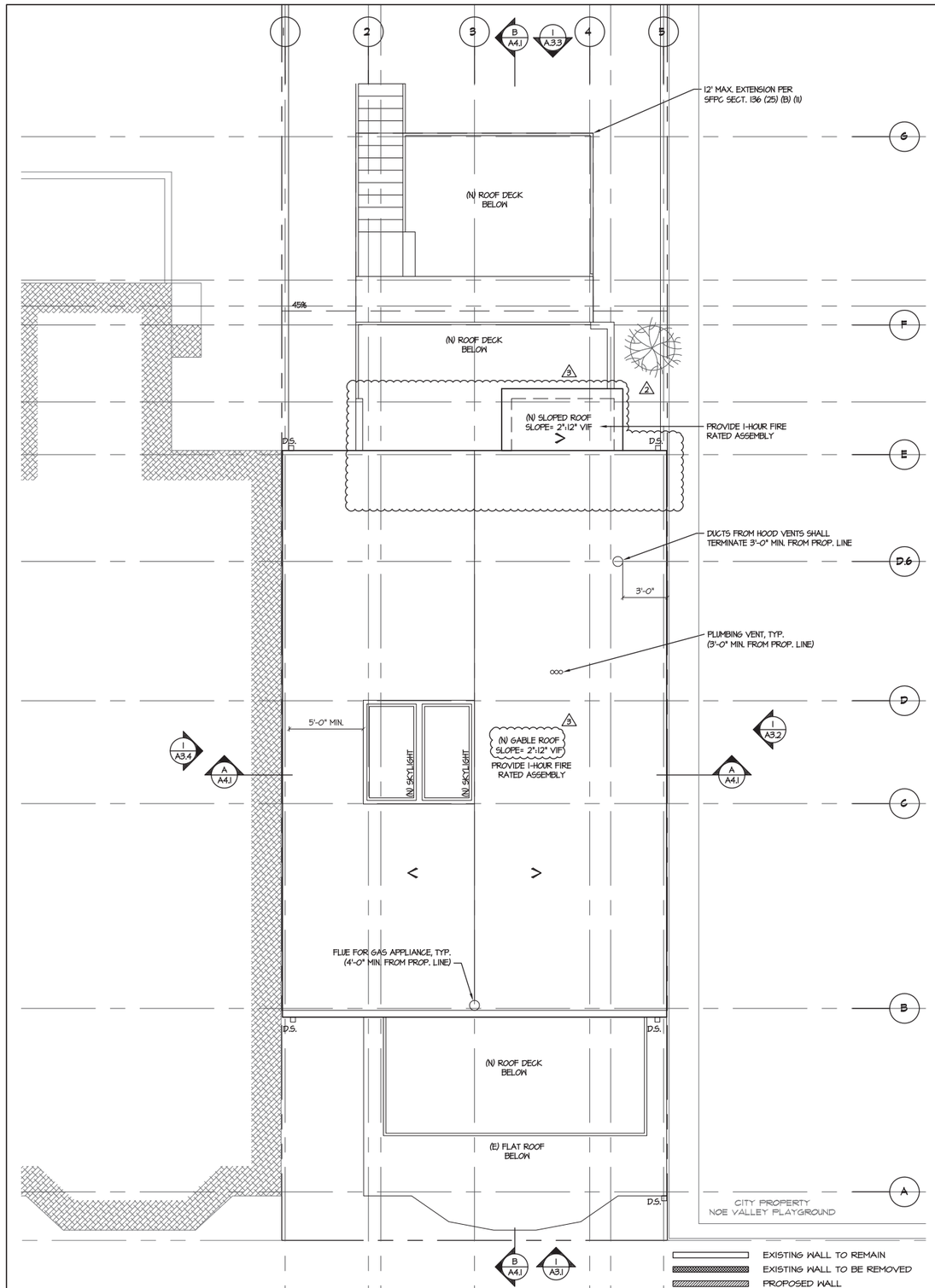
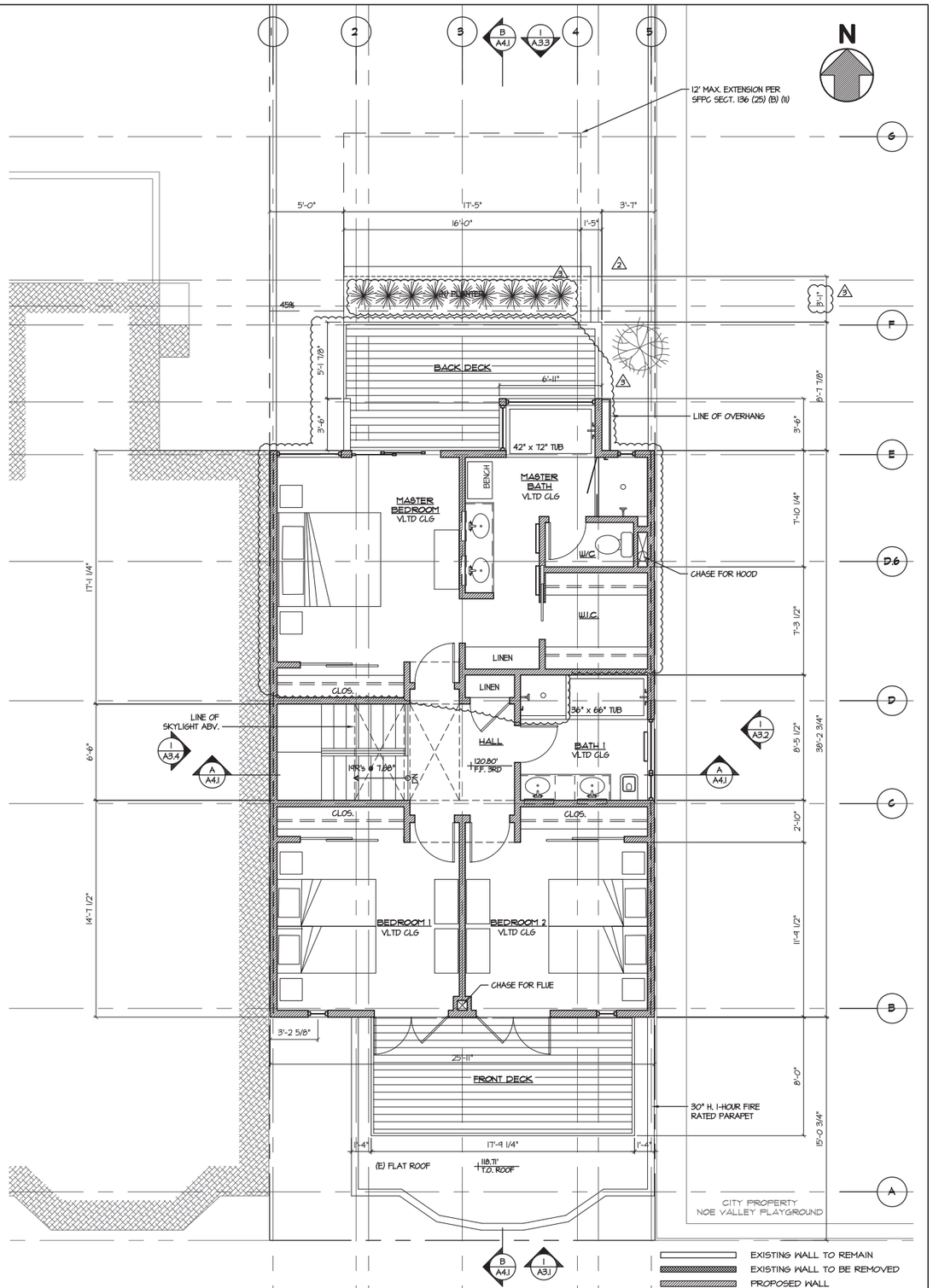
Block 2829 Lot 030

Description	PROPOSED FLOOR PLANS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A2.1



2 PROPOSED ROOF PLAN

SCALE: 1/4" = 1'-0"



1 PROPOSED THIRD FLOOR PLAN

SCALE: 1/4" = 1'-0"

REVISIONS		BY
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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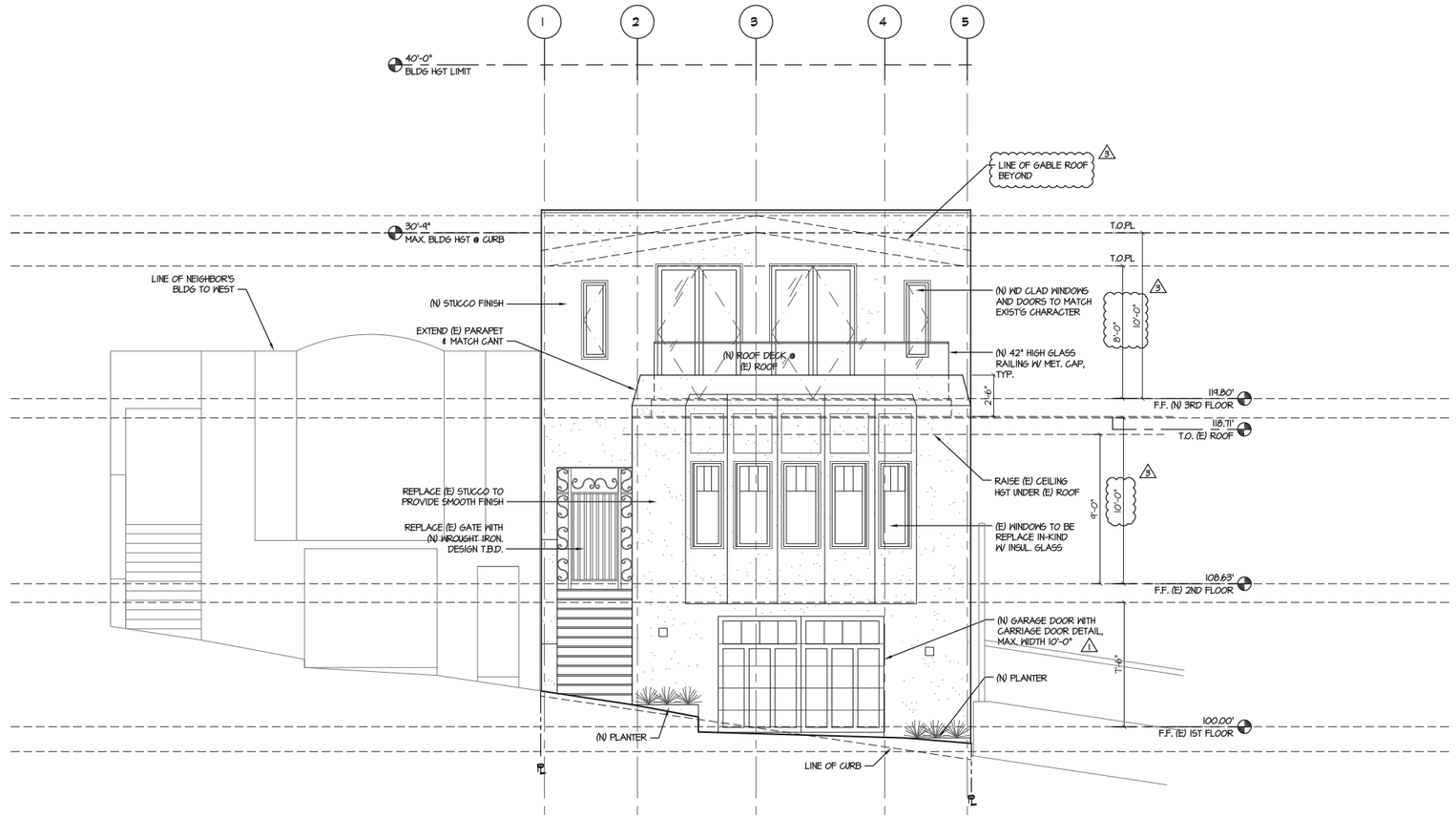
Charmatz-Witt Residence
4320 24th Street
San Francisco, CA 94114
Block 2829 Lot 030

Description	PROPOSED FLOOR PLANS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A2.2



1 - PROPOSED SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	06.06.2016 DR	KMA

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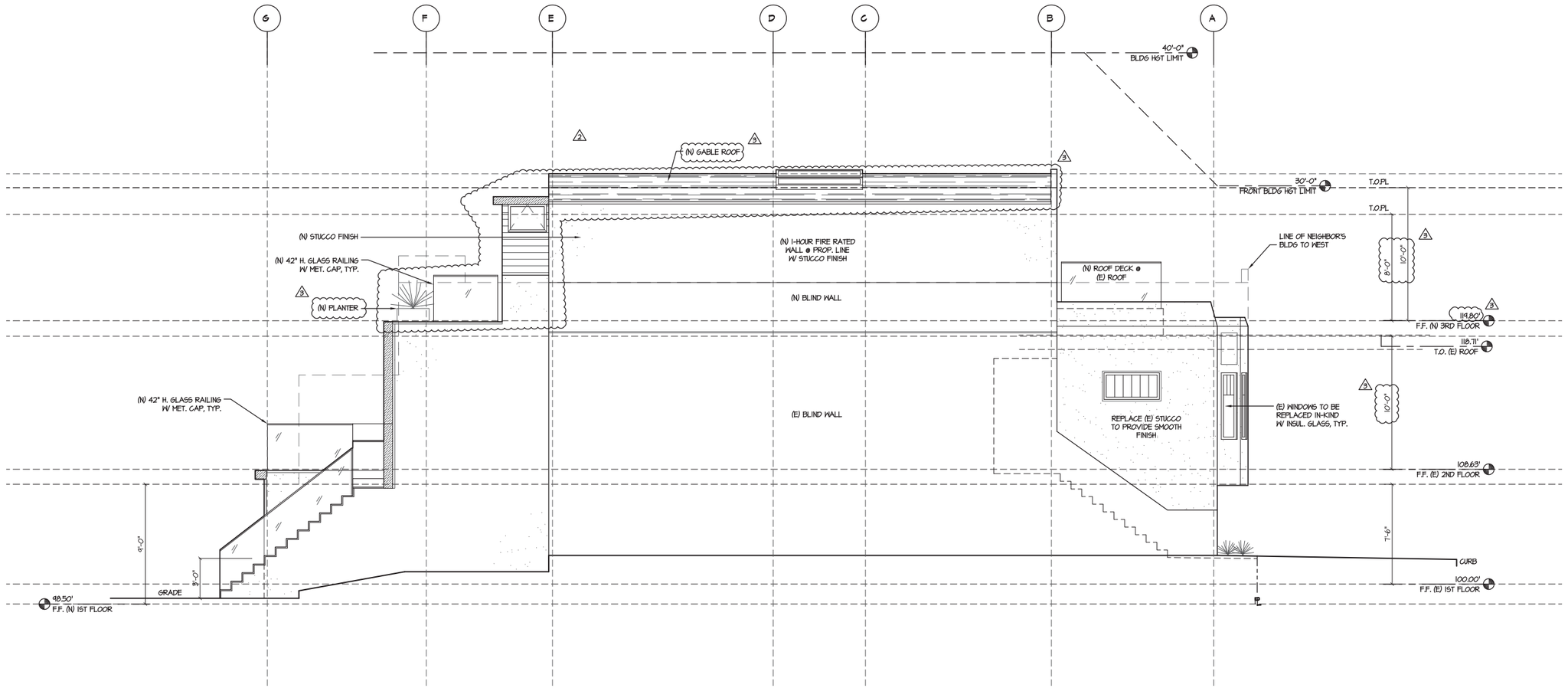
Block 2829 Lot 030

Description	PROPOSED ELEVATIONS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.1



1 PROPOSED WEST ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS		BY
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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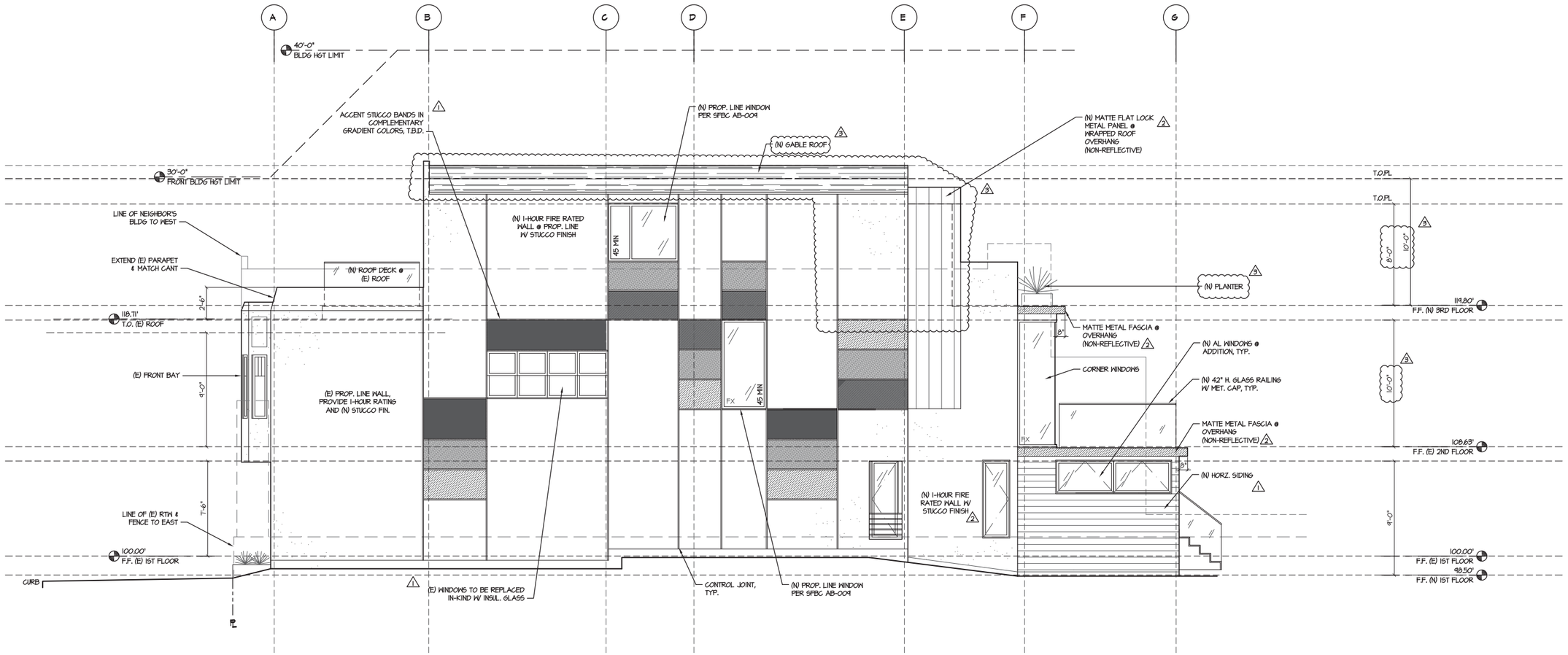
Block 2829 Lot 030

Description
PROPOSED ELEVATIONS

Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.4



1 PROPOSED EAST ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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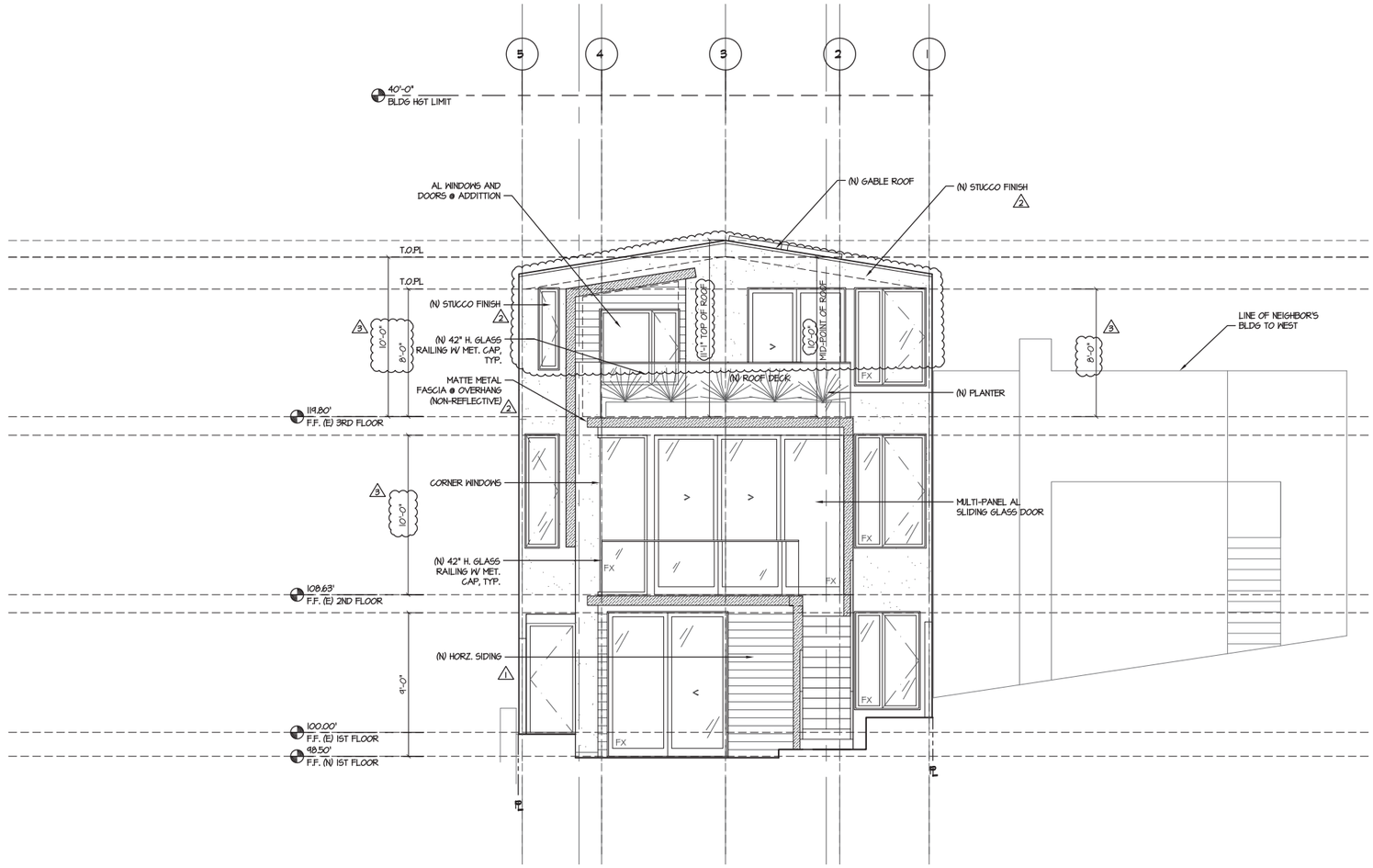
Description	PROPOSED ELEVATIONS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.2



1 PROPOSED NORTH ELEVATION

SCALE: 1/4" = 1'-0"

REVISIONS		BY
1	01.04.2016 NOPDR #1	KMA
2	03.07.2016 NOPDR #2	KMA
3	06.06.2016 DR	KMA

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12/17
REN DATE
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Block 2829 Lot 030

Description	PROPOSED ELEVATIONS
Date:	09.07.2016 SITE PERMIT
Scale:	AS NOTED
Drawn:	KMA
Job	WITT
Sheet	A3.3