



CITY OF CAMPBELL
Community Development Department

October 14, 2021

NOTICE OF ADMINISTRATIVE ACTION

Notice is hereby given that the Planning Division of the Community Development Department of the City of Campbell has received an application for the following project proposal:

Project Address: 591 W. Hamilton Ave

Zoning District: Planned Development (P-D)

Neighborhood Association(s): None

File No.: PLN-2021-124

APN: 305-15-012

Applicant: CalSolar

Property Owner: Spieker Keech Hamilton LLC

Application Type: Minor Planned Development Modification and Tree Removal Permit

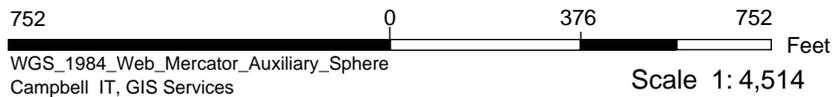
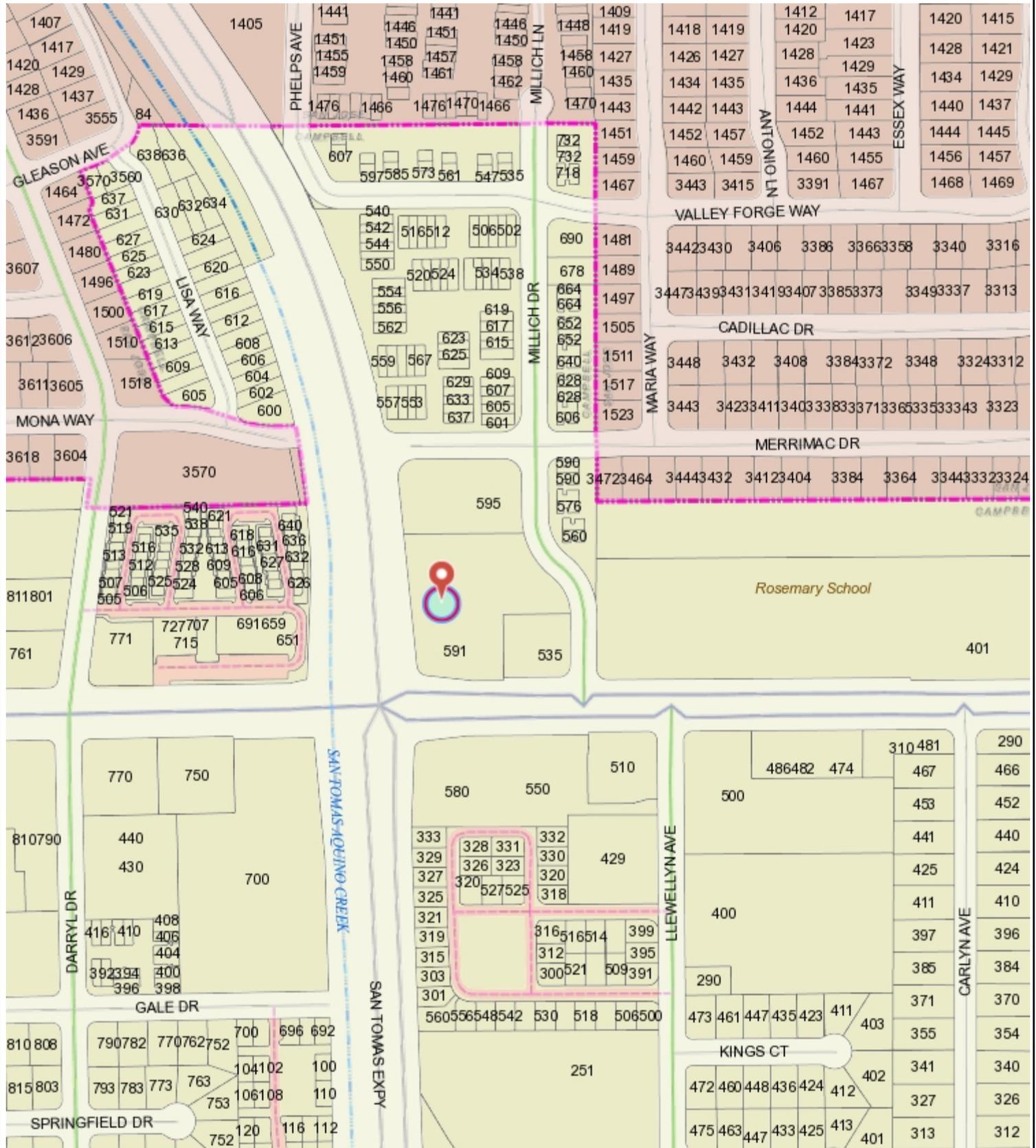
Project Description: Construction of an approximately 5,700 square-foot solar carport structure within an existing commercial parking lot and removal of three parking lot trees.

This project will be decided by the Community Development Director and you have the opportunity to provide comment prior to the Director's decision. The ten-day comment period for this application begins on October 14, 2021 and ends on October 25, 2021. Any comments regarding this application must be submitted in writing (including email) to the Planning Division before 5:00 p.m. on **October 25, 2021**. The Director will then consider all comments submitted within this time period prior to a decision. No additional notice will be provided. Please contact the project planner in a timely manner to determine what decision was reached.

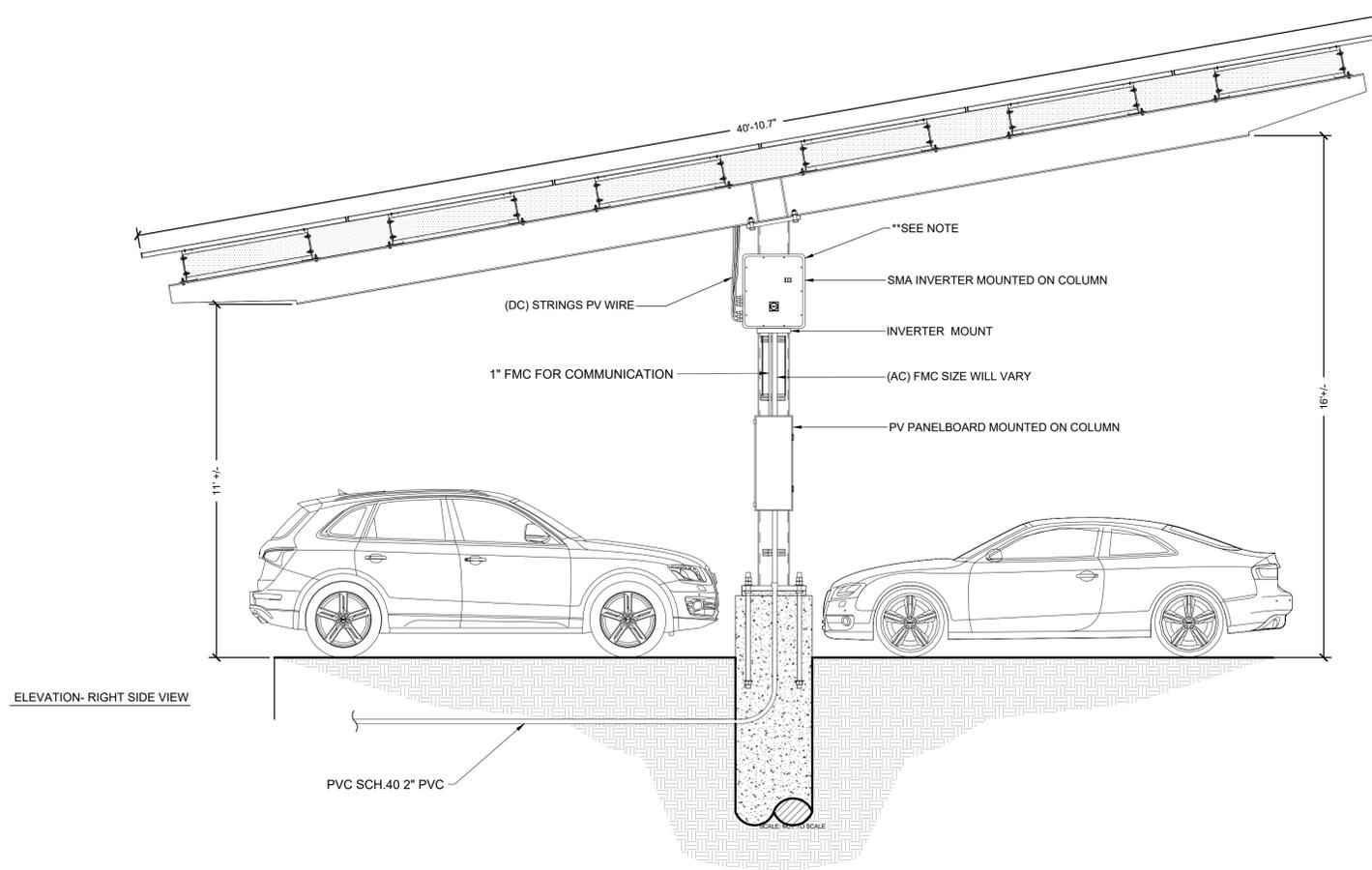
Decisions by the Community Development Director are final in 10 calendar days following the date of approval, unless an appeal is received in writing at the City of Campbell Community Development Department, 70 N. First Street, Campbell, prior to the end of the appeal period. A written appeal must be accompanied with the required \$200 appeal filing fee. Plans and architectural drawings may be viewed at the Planning Division office during normal business hours (8:00 AM – 5:00 PM) and on the City's 'Public Notices' web page (<http://www.cityofcampbell.com/501/Public-Notices>) under 'Administrative Decisions' or by contacting the project planner. Questions or comments regarding this application may be addressed to Daniel Fama, Senior Planner, in the Community Development Department, at (408) 866-2193 or by email at danielf@campbellca.gov.



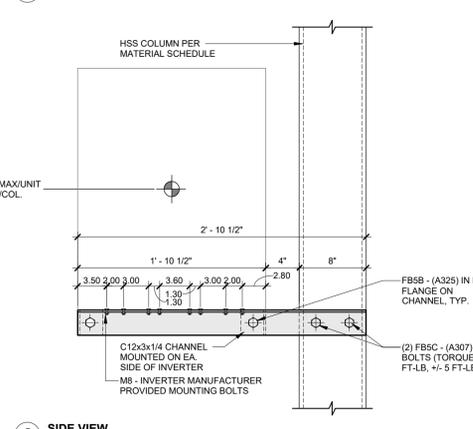
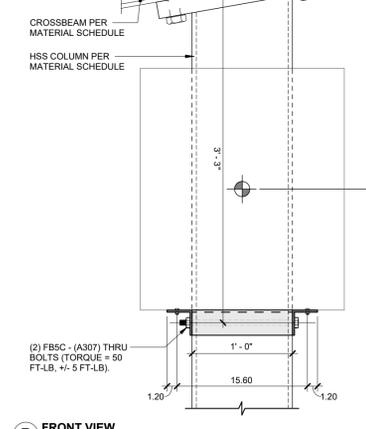
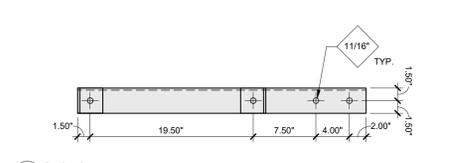
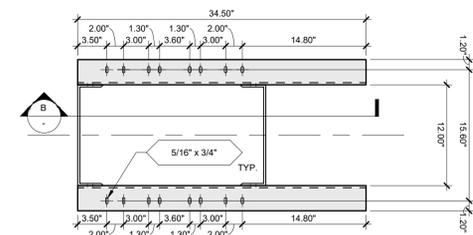
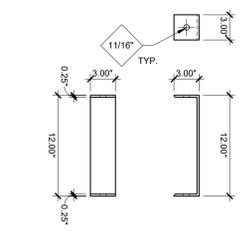
Location Map - 591 W. Hamilton Ave.



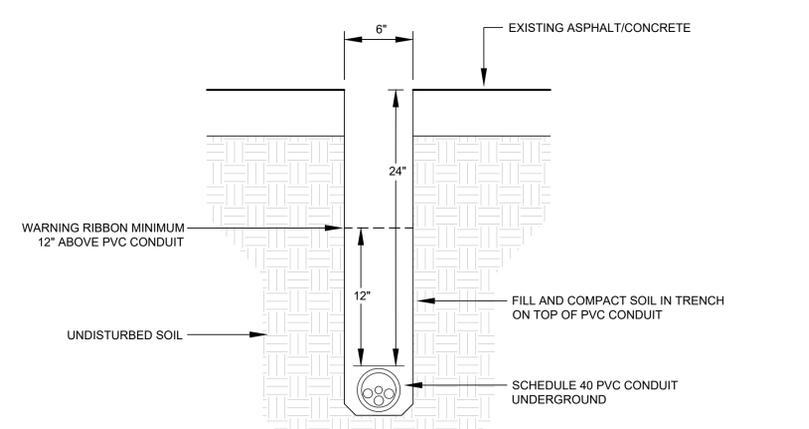
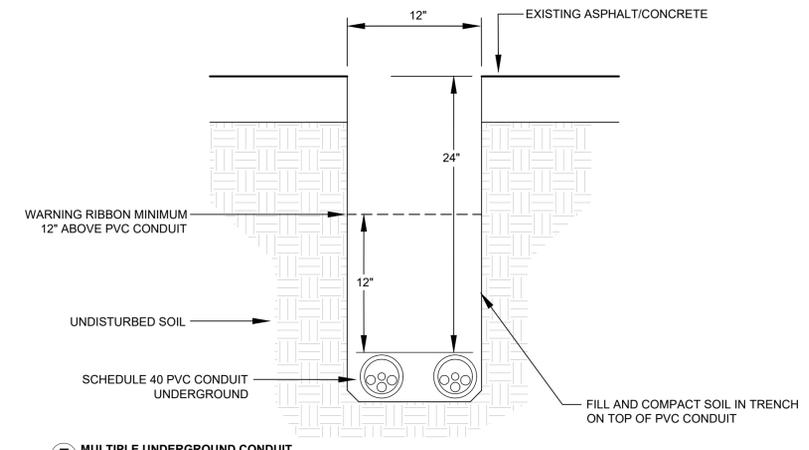
This map is based on GIS Information and reflects the most current information at the time of this printing. The map is intended for reference purposes only and the City and its staff is not responsible for errors.



**NOTE: PV WIRE & CONNECTORS MUST BE AT LEAST 8" ABOVE GRADE OR ENCLOSED PER CEC 110.31 (D)



'SMA' CORE 1 MOUNTING @ HSS COLUMN



CONTRACTOR:



CAL SOLAR
580 N WILMA AVE STE. #H
RIPON, CA 95366
T: 209.596.0350
CAL SOLAR.COM
CSLB #: 980699 CLA. B, C10, C46

CUSTOMER:

SPIEKER INVESTMENTS

SPIEKER INVESTMENTS LLC

3000 SAND HILL ROAD SUITE 100
MENLO PARK, CA 94025
PHONE # (650) 234-1313

PROJECT SITE ADDRESS:

SPIEKER KEECH
HAMILTON LLC
591 W HAMILTON AVE
CAMPBELL, CA 95008
APN:305-15-012

REVISIONS:

REV.	DESCRIPTION	DATE



SCALE:

NA

TITLE:

DETAILS

SHEET NUMBER:

PV2.0

DESIGNED BY:

RUDY GARCIA 4/14/21

GENERAL STRUCTURAL NOTES (G.S.N.)

DESIGN CRITERIA

CODE: 2019 CALIFORNIA BUILDING CODE, REFERRED TO AS "THE CODE"

GOVERNING JURISDICTION: CITY OF CAMPBELL, CA

OCCUPANCY TYPE: S-2

ROOF LIVE LOADS:
DISTRIBUTED.....12 PSF NON-CONCURRENT W/ PV PANEL DEAD LOAD
(NON-CONCURRENT WITH WIND & DOES NOT GOVERN)

POINT LOAD.....300 LBS CONCURRENT W/ PV PANEL DEAD

SNOW LOADS:
MAXIMUM GROUND SNOW LOAD.....0 PSF

WIND ANALYSIS, DIRECTIONAL PROCEEDURE PER ASCE 7, CHAPTER 27

BASIC WIND SPEED.....V = 81 MPH

RISK CATEGORY.....= II

GUST EFFECT FACTOR.....G = 0.85

INTERNAL PRESSURE COEFFICIENT.....GCp = ±0

SEISMIC RISK CATEGORY.....= D

SEISMIC DESIGN CATEGORY.....= D

SEISMIC ANALYSIS: ASCE 7-16 CHAPTER 15 "NONBUILDING STRUCTURES"

NON-BUILDING STRUCTURE TYPE.....= INVERTED PENDULUM

RESPONSE MODIFICATION COEFFICIENT.....R = 2

SYSTEM OVERSTRENGTH FACTOR.....Cb = 2

DEFLECTION AMPLIFICATION FACTOR.....Ca = 2

SEISMIC IMPORTANCE FACTOR.....I = 1.0

REDUNDANCY FACTOR.....p = 1.0 PER ASCE 7-16 §12.3.4.1-4

SEISMIC BASE SHEAR.....Cs = 1.764g
Ss = 0.624g
S1 = 0.707g

SEISMIC BASE SHEAR.....Cv = 0.588W

GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. DO NOT SCALE THE DRAWINGS. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. IN CASE OF CONFLICT, MORE COSTLY REQUIREMENTS GOVERN FOR BIDDING. SUBMIT CLARIFICATION REQUEST PRIOR TO PROCEEDING WITH WORK.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY DEVIATION FROM THE APPROVED SET OF CONTRACT DOCUMENTS SHALL ONLY BE MADE AFTER WRITTEN APPROVAL BY THE ENGINEER OF RECORD. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK UNLESS NOTED OTHERWISE. DETAILS IN STRUCTURAL DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES OR TITLES.
- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES: LOCAL BUILDING CODE, AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK AND THOSE CODES AND STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- ALL REFERENCED STANDARDS (i.e. ACI, AISC, ASTM, ETC.) SHOWN IN THESE DOCUMENTS SHALL BE PER THE LATEST ADOPTED EDITION AS LISTED IN CHAPTER 35 OF THE CODE.
- CONTRACTOR TO PROVIDE A LIST OF ALL PROPOSED SUBSTITUTIONS, WITH APPLICABLE MANUFACTURER'S ICC/ETL REPORTS, TO ARCHITECT, ENGINEER OF RECORD AND GOVERNING JURISDICTION FOR REVIEW AND APPROVAL BEFORE FABRICATION.

STATEMENT OF STRUCTURAL INSPECTION AND TESTING

THE FOLLOWING ELEMENTS OF CONSTRUCTION SHALL REQUIRE SPECIAL INSPECTION PER CHAPTER 17 OF THE CODE, U.N.O.

SPECIAL INSPECTIONS AND TESTING SHALL BE PROVIDED BY AN INSPECTION AGENCY, EMPLOYED BY THE OWNER, AND QUALIFIED BY THE BUILDING OFFICIAL TO INSPECT THE PARTICULAR TYPE OF CONSTRUCTION. TESTS AND INSPECTIONS, AS REQUIRED BY SECTIONS 110 & 1705 OF THE 2019 CBC w/ CA AMENDMENTS, SHALL BE PERFORMED DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW.

INSPECTIONS	TESTING
STEEL CONSTRUCTION SECTION 1705.2	SECTION 1705.13
CONCRETE CONSTRUCTION SECTION 1705.3 & TABLE 1705.3	SECTION 1705.3
SOILS SECTION 1705.6 & TABLE 1705.6	
CAST-IN-PLACE SECTION 1705.8 & TABLE 1705.8	
DEEP FOUNDATIONS	
POST-INSTALLED ANCHORS	MANUFACTURER'S ICC REPORT

- THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY THE GOVERNING JURISDICTION. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF AN INSPECTOR FROM THE GOVERNING JURISDICTION IS SUBJECT TO REMOVAL OR EXPOSURE.
- FOR CONTINUOUS INSPECTION, WHEN WORK IN MORE THAN ONE CATEGORY OF WORK REQUIRING SPECIAL INSPECTION IS TO BE PERFORMED SIMULTANEOUSLY, OR THE GEOGRAPHIC LOCATION OF THE WORK IS SUCH THAT IT CANNOT BE CONTINUOUSLY OBSERVED IN ACCORDANCE WITH THE PROVISIONS OF THE CODE, IT IS THE AGENT'S RESPONSIBILITY TO EMPLOY A SUFFICIENT NUMBER OF INSPECTORS TO ASSURE THAT ALL WORK IS INSPECTED IN ACCORDANCE WITH THOSE PROVISIONS.
- THE SPECIAL INSPECTORS MUST BE CERTIFIED BY THE GOVERNING JURISDICTION IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.

EXCEPTIONS:
1. SOILS INSPECTIONS BY THE SOILS ENGINEER OF RECORD OR PROJECT INSPECTOR.
2. SMOKE CONTROL SYSTEM, BY THE MECHANICAL ENGINEER OF RECORD.
3. WHEN WAIVED BY THE GOVERNING JURISDICTION.

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION IS SUBJECT TO REMOVAL.
- PROVIDE SPECIAL INSPECTION FOR CONNECTIONS BOLTED WITH A325 AND A490 BOLTS. INSPECTIONS SHALL BE DONE PER APPROVED NATIONALLY RECOGNIZED STANDARDS AND THE REQUIREMENTS OF THE CODE AND THE GOVERNING JURISDICTION WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL INSPECT THE BOLTS, NUTS, WASHERS AND PAINT, BOLTED PARTS, AND INSTALLATION AND TIGHTENING MEET THE STANDARDS REQUIREMENTS.
- THE SPECIAL INSPECTOR FOR HIGH STRENGTH BOLTED CONNECTIONS SHALL:
 - OBSERVE THE CALIBRATION PROCEDURES WHEN SUCH PROCEDURES ARE REQUIRED BY THE PLANS OR SPECIFICATIONS.
 - MONITOR THE INSTALLATION OF BOLTS TO DETERMINE THAT ALL PLIES OF CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER.
 - MONITOR THAT THE SELECTED PROCEDURE IS PROPERLY USED TO TIGHTEN ALL BOLTS.
- THE SPECIAL INSPECTOR SHALL PROVIDE WEEKLY REPORTS AND A FINAL REPORT TO THE STRUCTURAL ENGINEER.
- THE SPECIAL INSPECTOR SHALL ENSURE THAT ALL DEFICIENCIES NOTED BY THE STRUCTURAL ENGINEER IN STRUCTURAL OBSERVATION REPORTS ARE CORRECTED. SUCH COMPLIANCE SHALL BE REFERENCED IN SPECIAL INSPECTOR REPORT.
- IF THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE GOVERNING JURISDICTION, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND, EQUIPMENTS.
- PERIODIC INSPECTION SHALL OCCUR FREQUENTLY ENOUGH TO INSPECT ALL OF THE INSTALLED ITEMS AND TO PERIODICALLY WITNESS THE INSTALLATION OF THE ITEMS.

STRUCTURAL OBSERVATION

STRUCTURAL OBSERVATIONS ARE NOT REQUIRED FOR THIS PROJECT PER THE BUILDING CODE.

SHOP DRAWINGS / SUBMITTALS

- THE STRUCTURAL SHOP DRAWING REVIEW IS INTENDED TO HELP THE ENGINEER VERIFY THE DESIGN CONCEPT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THEIR OWN SHOP DRAWINGS.
- THE STRUCTURAL SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF A CURSORY REVIEW SHOWS MAJOR ERRORS WHICH SHOULD HAVE BEEN FOUND BY THE CONTRACTOR'S CHECKING.
- THE FOLLOWING SHOP DRAWINGS ARE NOT REQUIRED FOR SUBMITTAL FOR STRUCTURAL REVIEW:
 - SHORING AND BRACING.
 - UNSPUN REBAR AT SLAB-ON-GRADE AND SPREAD FOOTINGS.
 - FORMWORK.
 - STRUCTURAL STEEL MILL REPORTS.
- THE FOLLOWING SHOP DRAWINGS (AND CALCULATIONS WHEN APPLICABLE) ARE REQUIRED FOR SUBMITTAL FOR STRUCTURAL REVIEW:
 - CONCRETE MIX DESIGNS, INCLUDING STRENGTH TEST RESULTS.
 - REINFORCING STEEL (EXCEPT WHERE NOTED BY NOTE 3 ABOVE).
 - STRUCTURAL STEEL.
 - ANCHOR ROD CUT SHEET WITH DIAMETER, LENGTH, AND MATERIAL STRENGTH.
 - WELDING PROCEDURE SPECIFICATIONS.
- ANY SUBMITTAL OF A DETAIL SHEET WITH ADDED INFORMATION NOT SHOWN ON PLANS SHALL BE ACCOMPANIED BY LOCATION PLAN IDENTIFYING THE MEMBERS INVOLVED AND CLOUDING AROUND ADDED INFORMATION.
- THE SHOP DRAWINGS SHALL REFERENCE THE DATA OF THE DESIGN USED TO PRODUCE THE SUBMITTAL.
- CONTRACTOR/SUBCONTRACTOR TO PROVIDE DIGITAL SET OF SHOP DRAWINGS FOR REVIEW BY SUNPOWER AND KPFF CONSULTING ENGINEERS. DIGITAL SET WILL BE RETURNED TO THE CONTRACTOR WITH REVISIONS FOR REPRODUCTION AND DISTRIBUTION.

FOUNDATION

FOUNDATION DESIGN BASED ON THE FOLLOWING SOILS REPORT:

COMPANY: KRAZAN & ASSOCIATES, INC

DATE: APRIL 12, 2021

REPORT NUMBER: NO. 042-11015

*A 1/3 INCREASE MAY BE APPLIED WHEN CONSIDERING WIND AND/OR SEISMIC LOADS

- DRILLED PIERS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION:
 - ALLOWABLE LATERAL BEARING PRESSURE = 300 PSF
 - ALLOWABLE SKIN FRICTION = 450 PSF
- CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER, OR SEEPAGE, IF REQUIRED.
- FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER, FOUNDATION ELEVATIONS WILL BE ALTERED.
- FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT OR BACKFILLED WITH 2-SACK SAND CEMENT SLURRY AND APPROVED BY THE SPECIAL INSPECTOR. SOILS REPORT SHALL TAKE PRECEDENT WHEN RECOMMENDATION GIVEN.
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTH-WORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- SOIL REMOVAL AND RECOMPACTION SHALL BE PER THE SOILS REPORT AND APPROVED CONTRACT DOCUMENTS.
- EACH DRILLED PIER MUST BE INSPECTED BY THE SOILS ENGINEER PRIOR TO PLACING CONCRETE AND REINFORCING STEEL. ADJUST SHAFT LENGTHS UNDER DIRECTION OF THE SOILS ENGINEER AND THE OWNER'S REPRESENTATIVE BASED ON SOIL CONDITIONS AT TIME OF DRILLING.
- PRECAUTIONS SHOULD BE TAKEN DURING THE INSTALLATION OF PIERS TO MINIMIZE THE POSSIBILITY OF CAVING. CLOSELY SPACED PIERS SHOULD BE DRILLED AND FILLED ALTERNATELY, ALLOWING THE CONCRETE TO SET AT LEAST EIGHT HOURS BEFORE DRILLING AN ADJACENT HOLE. PIER EXCAVATIONS SHOULD BE FILLED WITH CONCRETE AS SOON AFTER DRILLING AND INSPECTION AS POSSIBLE.
- KEEP EXCAVATIONS FREE OF WATER BEFORE PLACING CONCRETE UNLESS OTHERWISE APPROVED BY THE SOILS ENGINEER. IF UNABLE TO SEAL OFF WATER FLOW, PER THE APPROVAL OF THE SOILS ENGINEER, ALLOW WATER LEVEL TO ATTAIN ITS NORMAL LEVEL AND PLACE CONCRETE BY THE TREMIE METHOD OR OTHER APPROVED METHOD.
- PLACE REINFORCING STEEL IN ONE CONTINUOUS UNIT AND ACCURATELY HOLD SECURELY IN FINAL POSITION USING CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
- AN UNREINFORCED HEIGHT OF 24 INCHES AT THE BOTTOM OF THE SHAFT IS ACCEPTABLE.
- CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ACI 336.3R, LATEST EDITION.

CONCRETE

- ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH THE CODE AND WITH THE PROVISIONS OF ACI 318 AND ACI 301.
- CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.
 - MIX DESIGN METHODS (TEST HISTORY OR TRIAL BATCH METHOD) PER THE CODE SHALL BE USED TO PROPORTION CONCRETE. SUBMIT MIX DESIGN METHOD DATA.
 - MIX DESIGNS SHALL SATISFY EITHER THE SHRINKAGE CRITERIA OR THE W/C RATIO AND TOTAL WATER CRITERIA.
- SCHEDULE OF STRUCTURAL CONCRETE PERFORMANCE REQUIREMENTS:

MEMBER	EXPOSURE CLASS: FO, S0, O0, C0		
	Fc 28 DAY (PSI)	MAX W/C	MAX DENSITY (PCF)
ALL FOOTINGS & FOUNDATIONS	5000	0.50	150
EQUIPMENT PADS & MISC CONCRETE	3000	0.50	150

- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150 TYPE II
- AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.
- CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C94.
- PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 301 AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
- ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
- PIPES OR CONDUITS LARGER THAN 4" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY STRUCTURAL ENGINEER. PIPES OR CONDUITS SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS. SPACE THE PIPES OR CONDUITS SUCH THAT PROPER CONCRETE PLACEMENT AND CONSOLIDATION IS ACHIEVED.
- FOAM USED AS STAY-IN-PLACE FORMS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5.8 PSI AT 1% DEFORMATION AND A MINIMUM MODULUS OF 580 PSI PER ASTM D6817.
- PROVIDE MIN 1/4" CHAMFER ON ALL EXPOSED CORNERS UNLESS INDICATED OTHERWISE BY THE OWNER OR SUNPOWER.
- THE STEEL STRUCTURES MAY BE INSTALLED 48 HOURS AFTER THE FOUNDATIONS HAVE BEEN CAST OR AFTER CONCRETE REACHES A MINIMUM COMPRESSIVE STRENGTH OF 2000-PSI, WHICHEVER COMES FIRST. BREAK TESTS NOT REQUIRED IF WAITING UNTIL 48 HOURS TO ERECT.

POST-INSTALLED CONCRETE ANCHORS

- POST-INSTALLED ANCHORAGE SHALL BE AS DETAILED ON THE PLANS. SUBSTITUTION OF PRODUCTS SPECIFICALLY DETAILED IN THESE DRAWINGS SHALL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
- SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS, U.N.O.
- WHERE ANCHOR TYPE IS NOT NOTED OR AN ALTERNATE BRAND IS PREFERRED, THE FOLLOWING PRODUCTS ARE ACCEPTABLE TO BE SUBMITTED FOR A SUBSTITUTION REQUEST:
 - EXPANSION ANCHORS: UNLESS NOTED OTHERWISE, EXPANSION ANCHORS IN CONCRETE SHALL BE ONE OF THOSE LISTED BELOW AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
 - HILTI KWIK BOLT 1Z (ICC ESR-1917)
 - A.2 SIMPSON STRONG-BOLT-2 (ICC ESR-3037)
 - A.3 POWERS POWER-STUD +S02 (ICC ESR-2502)
 - A.4 ALTERNATE APPROVED BY KPFF
- ALL CONCRETE ANCHORS WHICH ARE EXPOSED TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIP GALVANIZED.

REINFORCING STEEL

- REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE, ASTM A615 (A706 WHERE NOTED ON PLANS), GRADE 60 U.N.O.
- BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- REINFORCING BAR SPLICES SHALL, IN CONCRETE, CONFORM TO THE PROVISIONS OF ACI 318. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS.
- BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.
- REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315.
- COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT FOR REVIEW BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION IN ACCORDANCE WITH SPECIFICATIONS AND APPLICABLE CODES. THESE APPROVED DRAWINGS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE.
- REBAR SPACINGS GIVEN ARE MAXIMUM ON CENTER UNLESS OTHERWISE STATED AS "O.C." OR NOT, UNLESS A SPECIFIED LENGTH IS GIVEN. ALL REBAR IS CONTINUOUS UNLESS OTHERWISE STATED AS "CONT." OR NOT.
 - MECHANICAL BAR SPLICES (COUPLERS) SHALL BE USED WHERE SPECIFIED ON PLANS. THEY MAY ALSO BE USED AT THE CONTRACTOR'S OPTION IN LIEU OF LAP SPLICES AND WHERE REINFORCING IS SHOWN CONTINUOUS THROUGH CONSTRUCTION JOINTS. UNLESS NOTED OTHERWISE, ALL MECHANICAL BAR SPLICES SHALL BE TYPE 2" AS DEFINED BY ACI 318 AND BE ONE OF THOSE LISTED BELOW AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS:
 - HRC 500 SERIES MECHANICAL COUPLERS (ICC ESR-2784)
 - LENTON AZ SERIES MECHANICAL SPLICES (APMO ER-0129)
- CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS MAY BE CORRECTED PRIOR TO PLACEMENT OF OVERLYING GRIDS OF REINFORCING STEEL.
- CONCRETE PROTECTION FOR REINFORCEMENT:
 - CAST-IN-PLACE CONCRETE: THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

SHAPE	D (in)	B (in)	L (in)	t (in)	A (in ²)	W (pcf)	lx (in ²)	ly (in ²)
12"x4"x14GA.	12	4.0	1.00	0.0713	1.52	4.85	33.20	3.13

DESCRIPTION	MINIMUM COVER		TOLERANCES + OR -	
	3"	3/8"	2"	3/8"
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH				
B. CONCRETE EXPOSED TO EARTH OR WEATHER:				
NO. 6 THROUGH NO. 18 BAR				
NO. 5 BAR, W31 OR D31 WIRE AND SMALLER				
C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:				
SLABS, WALLS, JOISTS:				
NO. 11 BAR AND SMALLER	3/4"	1/4"		

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC 360 AND AISC 303.
- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION AS INDICATED BELOW (U.N.O.):

DESCRIPTION	ASTM DESIGNATION
ALL BASE PLATES AND LATERAL RESISTING CONNECTION PLATES	A572, GRADE 50
ALL ANGLES AND CHANNELS	A36
ALL WF BEAMS AND WT SECTIONS	A992, GRADE 50
ALL WF COLUMNS	A992, GRADE 50
STRUCTURAL PIPE SECTIONS	A53, GRADE B
HSS SECTIONS	A500 GRADE B
HIGH STRENGTH BOLTS	A325
MACHINE BOLTS AND THREADED RODS	A307
ANCHOR BOLTS	F1554, GRADE 105

- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STEEL FOR ARCHITECTS AND STRUCTURAL ENGINEER'S REVIEW BEFORE FABRICATION.
- HOLES IN STEEL SHALL BE 1/16" LARGER DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED. COLUMN BASE PLATE HOLES MAY BE OVSIZED PER AISC MANUAL OR AS NOTED.
- ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE, MASONRY, OR SPRAY ON FIREPROOFING, OR ARE ENCASED BY BUILDING FINISH, SHALL BE LEFT UNPAINTED.
- ALL STRUCTURAL STEEL AND MISCELLANEOUS METAL EXPOSED TO THE WEATHER SHALL BE HOT DIP GALVANIZED OR PAINTED AFTER FABRICATION, U.N.O. GALVANIZING AT FIELD WELDS SHALL BE REPAIRED WITH A GALVANIZING REPAIR PAINT ACCORDING TO ASTM A780.
- TIGHTEN HIGH STRENGTH BOLTS TO "SNUG-TIGHT" CONDITION PER AISC SPECIFICATION FOR STRUCTURAL JOINTS, U.N.O.
- PROVIDE BEVELED WASHERS PER ANSI B18.23.1 AS REQUIRED ON SLOPED SURFACES.
- WELDING:
 - ALL WELDS SHALL BE IN CONFORMITY WITH THE PROJECT SPECIFICATIONS AND AWS D1.1. SEE SPECIAL INSPECTION SECTION FOR WELDING INSPECTION REQUIREMENTS.
 - ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (U.N.O.).
 - WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC 360.
 - WELDS TERMINATING AT ENDS OR SIDES, WHERE PRACTICAL, SHALL BE RETURNED CONTINUOUSLY AROUND CORNERS A DISTANCE 2 TIMES THE NOMINAL SIZE OF THE WELD PER AISC 360 SECTION J2.2B, U.N.O.
 - ALL FULL-PENETRATION FIELD WELDS SHALL BE ULTRASONICALLY TESTED.
 - ALL TWO-SIDED FILLET WELDS SHOWN SHALL BE WELDED WITH THE SAME (GIVEN) WELD SIZE ON BOTH SIDES.
 - ALL UNSIZED GROOVE OR BUTT WELDS SHOWN SHALL BE COMPLETE PENETRATION. ALL PROVISIONS OF AWS SHALL BE OBSERVED INCLUDING REQUIREMENTS FOR BACK-UP PLATES AND WELD TRANSITIONS WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN.
 - A WRITTEN WELDING PROCEDURE SPECIFICATION SHALL BE SUBMITTED TO THE TESTING LABORATORY. IT SHALL INCLUDE ALL WELDING PROCEDURES TO BE USED AS DESCRIBED IN AWS, CHAPTER 4.
 - WHERE FIELD WELDING IS INDICATED, THE FIELD DESIGNATION IS GIVEN AS A RECOMMENDATION ONLY.
 - GROUT OTHER SHALL BE NON-SHRINK, NON-METALLIC GROUT, MEETING ASTM C-1107, MIXED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - TIGHTEN ANCHOR BOLTS TO "SNUG TIGHT" CONDITION PER AISC SPECIFICATIONS, U.N.O.

COLD-FORMED STEEL

- GENERAL
 - ALL COLD-FORMED METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI S100 "SPECIFICATIONS FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
 - ALL COLD-FORMED STEEL SHALL CONFORM TO THE FOLLOWING (U.N.O.):

43 MIL AND LIGHTER	ASTM A1003 GR 33 OR ASTM 653 GR 33
54 MIL AND HEAVIER	ASTM A1008 GR 55 OR ASTM 653 GR 55
 - ALL COLD-FORMED STEEL MINIMUM COATING PROTECTION SHALL BE LISTED ON THE MATERIAL SCHEDULE ON SHEET S100.
 - WELDING IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY ENGINEER OF RECORD.
 - ALL APPROVED WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED FOR ALL APPROPRIATE DIRECTIONS COMPLYING WITH AWS D1.3. WELDING RODS SHALL CONFORM TO THE FOLLOWING:

43 MIL AND LIGHTER	E60XX
54 MIL AND HEAVIER	E70XX OR E6013
COLD-FORMED TO STRUCTURAL STEEL	E70XX LOW HYDROGEN
 - WIRE TYING OF FRAMING COMPONENTS SHALL NOT BE PERMITTED.
 - TEMPORARY BRACING REQUIREMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL SCREWS SHALL BE FULLY DRIVEN AND PROTRUDE THE LARGER OF 3 THREADS OR 1/4" THROUGH THE LAST MATERIAL JOINED. THERE SHALL BE NO SPACE BETWEEN JOINING MEMBERS AT THE SCREW LOCATION.
 - ALL FIELD CUTTING OF MEMBERS SHALL BE BY SAWING OR SHEARING. TORCH OR PLASMA CUTTING OF MEMBERS SHALL NOT BE PERMITTED.
 - ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED ON AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.
 - SPLICING OF PURLINS OR OTHER LOAD CARRYING MEMBERS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD.
 - WHEN CLIP ANGLES ARE USED TO ATTACH A COMPONENT TO THE PRIMARY STRUCTURE, THE CLIP ANGLE SHALL BE FASTENED TO THE PRIMARY STRUCTURE FIRST, THEN THE COMPONENT SHALL BE BROUGHT TO BEAR ON THE STRUCTURE AND FASTENED TO THE CLIP ANGLE.
 - MEMBERS SHALL BE IDENTIFIED PER SECTION 2203.1 OF 2019 CBC PART 2, VOLUME 2.
 - ALL EXTERIOR SCREWS SHALL BE ELCO DRIL-FLEX (ICC ESR-3332) OR ITW BUILDDEX TEKS SELECT (ICC ESR-3223) UNLESS APPROVED BY THE SEOR.

MINIMUM SECTION PROPERTIES FOR CEE SHAPES

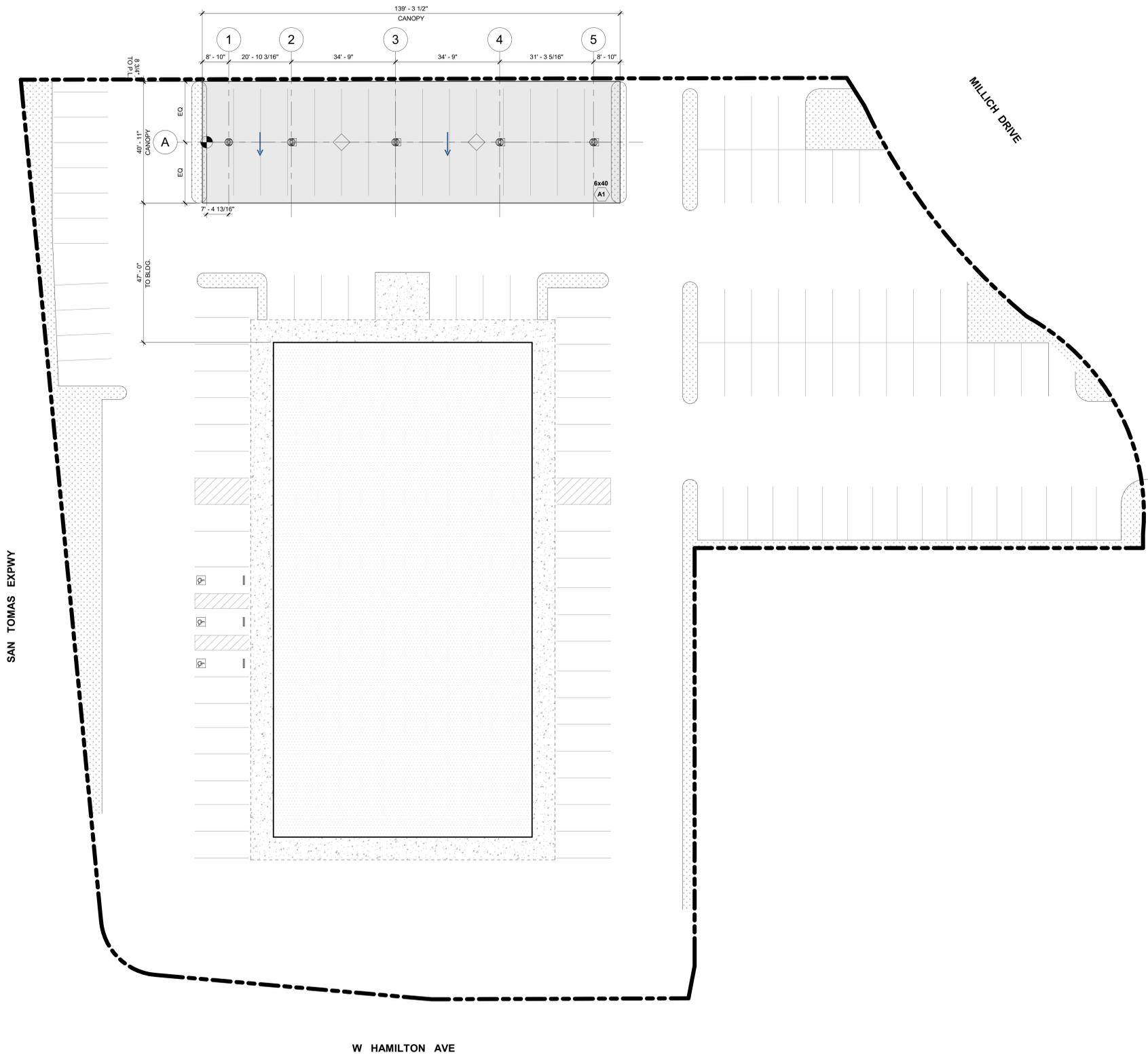
SHAPE	D (in)	B (in)	L (in)	t (in)	A (in ²)	W (pcf)	lx (in ²)	ly (in ²)
12"x4"x14GA.	12	4.0	1.00	0.0713	1.52	4.85	33.20	3.13

DESCRIPTION	MINIMUM THICKNESS	REFERENCE GAUGE	DESIGN THICKNESS
33 MIL	20 GA	0.0346"	
43 MIL	18 GA	0.0451"	
54 MIL	16 GA	0.0566"	
60 MIL	15 GA	0.0673"	
68 MIL	14 GA	0.0713"	
97 MIL	12 GA	0.1017"	
118 MIL	10 GA	0.1242"	



ABBREVIATIONS

A.B.	ANCHOR BOLT(S)	INFO	INFORMATION
@	AT	LG	LONG
ACI	AMERICAN CONCRETE INSTITUTE	LGS	LIGHT GAUGE STEEL
ADDL	ADDITIONAL	LLH	LONG LEG HORIZONTAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LLV	LONG LEG VERTICAL
APPROX.	APPROXIMATE	LOC	LOCATION
ARCH	ARCHITECT or ARCHITECTURAL DOCUMENTS	LWC	LIGHT WEIGHT CONCRETE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MATL	MATERIAL
AWS	AMERICAN WELDING SOCIETY	MAX	MAXIMUM
BLK'G	BLOCKING	MB	MACHINE BOLT
BM	BEAM	MECH	MECHANICAL
BOT OR B.	BOTTOM	MFR or MANUF	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
CANT	CANTILEVER	Mtl	METAL
CBC	CALIFORNIA BUILDING CODE	No. or #	NUMBER
CFS	COLD-FORMED STEEL	N.T.S.	NOT TO SCALE
CIP	CAST IN PLACE	OC or O/C	ON CENTER
CL OR CLR	CLEAR	O.H.	OPPOSITE HAND
¢	CENTER LINE	OPNG	OPENING
COL	COLUMN	OPP	OPPOSITE
CONC	CONCRETE	PCF	POUNDS PER CUBIC FOOT
CONN	CONNECTION	PEN	PENETRATION
CONT	CONTINUOUS or CONTINUOUS	¢	PLATE OR PROPERTY LINE
DIA or ø	DIAMETER	PERP	PERPENDICULAR
DIM	DIMENSION	REINF	REINFORCED or REINFORCING
DL	DEAD LOAD	REQD	REQUIRED
DN	DOWN	SCHED	SCHEDULE



LEGEND

- PROPERTY LINE
- UNDERGROUND UTILITIES
- SETBACK LINE
- (E) BUILDING (N.I.C.)
- CONCRETE PAVING
- LANDSCAPING
- BENCHMARK
- KEYNOTE

- ### SHEET NOTES
- LOCATION OF UTILITIES ARE APPROXIMATE AND ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR BEARS ALL RESPONSIBILITY FOR VERIFYING ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LIN RUNS IN THE FIELD PRIOR TO CONSTRUCTION. ANY DAMAGE TO UTILITIES THAT ARE TO REMAIN SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY UTILITIES NOT SHOWN ON PLANS.
 - ALL PROPOSED AND FINISH GRADES ARE BASED ON INFORMATION PROVIDED BY THE OWNER'S SURVEY. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
 - ILLUSTRATED FRAMING / PV ARRAY LAYOUTS ARE FOR SUNPOWER MODULES. ANY REVISIONS TO EITHER THE PV MODULE OR THE SPECIFIED MODULE SPACING WILL RESULT IN REVISIONS TO THE FRAMING / PV ARRAY LAYOUT PLANS.

ARRAY SUMMARY TABLE

ARRAY NUMBER	TYPE	TILT	CSI	AZIMUTH	SUNPOWER	PANEL QTY	KWP	COLUMN QTY
A1	6x40	10°	180°	0°		240	112.8	5
Grand total: 1								

KEYNOTES



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STRUCTURAL CANOPY LAYOUT PLAN

REVISION SCHEDULE

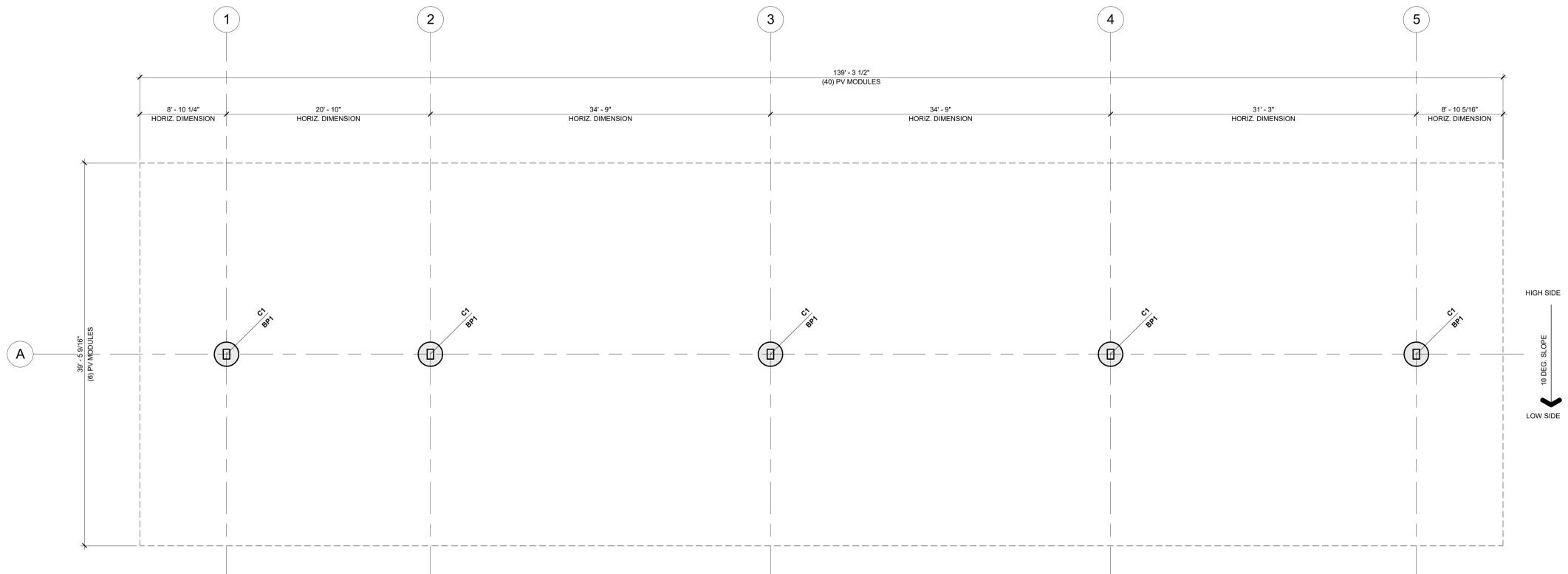
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1	04/27/2021	ISSUED FOR PERMIT	EA	AM

LEGEND

COLUMN MARK BASE PLATE MARK	COLUMN / FOUNDATION IDENTIFICATION MARK
	COLUMN (HSS STEEL)
	COLUMN (W-FLANGE STEEL)
	FOUNDATION OUTLINE
	CANOPY OUTLINE (ABOVE)

SHEET NOTES

1. TOP OF SLAB ON GRADE REFERENCE ELEVATION = 0' - 0", UNLESS OTHERWISE NOTED.
2. SEE SITE SECTIONS FOR TOP OF PIER ELEVATIONS.
3. SEE SHEET S001 FOR STRUCTURAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS.
4. SEE SHEET S400 FOR TYPICAL FOUNDATION DETAILS.
5. SEE SHEET S100 FOR MATERIAL SCHEDULE LISTING MEMBER SIZES AND QUANTITIES.
6. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

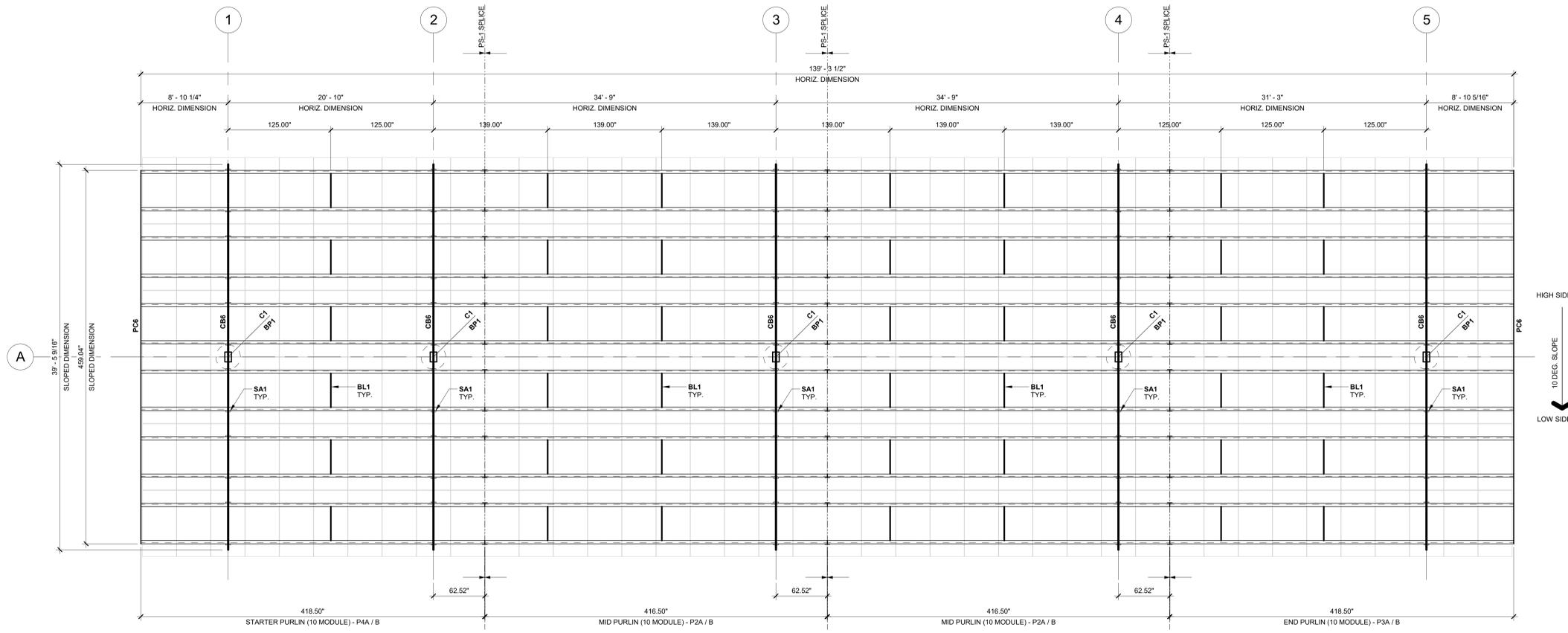


6x40 FOUNDATION PLAN 3/16" = 1'-0" 1

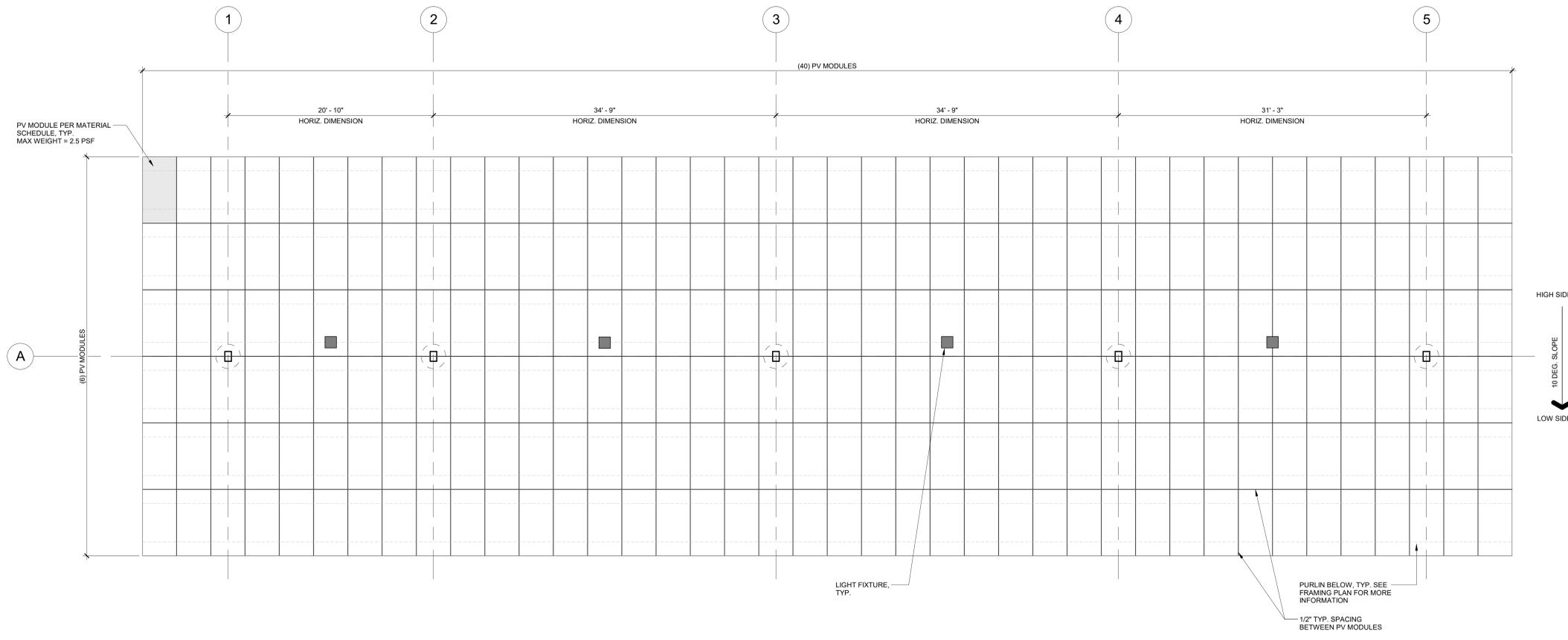
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CAMPBELL, CA 95008
FOUNDATION LAYOUT PLANS

REVISION SCHEDULE	Date	DB / CB / EA / AM
1 ISSUED FOR PERMIT	04/27/2021	EA / AM

CDG PROJECT #	21.0007
DATE	03/22/2021
DRAWN BY	EA
CHECKED BY	BP
SHEET	S210



6x40 FRAMING PLAN 3/16" = 1'-0" 1



6x40 PV MODULE PLAN 3/16" = 1'-0" 2

LEGEND

-  LIGHT GAUGE STEEL PURLIN
-  COLUMN (HSS STEEL)
-  COLUMN (W-FLANGE STEEL)
-  PURLIN SPLICE PLATE
-  HOT ROLLED STEEL CROSS BEAM
-  PV MODULE
-  BEAM BRACE
-  BEAM SPLICE

SHEET NOTES

1. BLOCKING REQUIRED BETWEEN ALL PURLIN PAIRS AT THIRD POINTS OF SPAN. WHERE PURLIN SPAN IS EQUAL TO OR LESS THAN 22'-0" BLOCKING SHALL BE AT MID-BAY, UNLESS NOTED OTHERWISE. SEE STRUCTURAL DETAILS FOR BLOCKING CONNECTION INFORMATION.
2. SEE STRUCTURAL DETAILS FOR PURLIN TO PV PANEL CONNECTION.
3. PURLIN CAPS SHALL HAVE A MAXIMUM LENGTH OF 50'-0".
4. PURLINS SHALL HAVE A MAXIMUM LENGTH OF 60'-0".
5. REFER TO SITE SECTIONS FOR COLUMN PIER DEPTHS AND ELEVATIONS.

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 1414 Harbour Way South
 Richmond, CA 94804 USA
 (510) 540-0550

SUNPOWER PROJECT # 12231

CURRENT DESIGN GROUP
 1925 Palomar Oaks Way #107, Carlsbad, CA 92008
 (760) 932-2800

kpff
 3333 Camino Del Rio North, Suite 1080
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 www.kpff.com
kpff project # 2100187

Professional Engineer
 No. 54800
 Exp. 03/31/22
Stan J. J...

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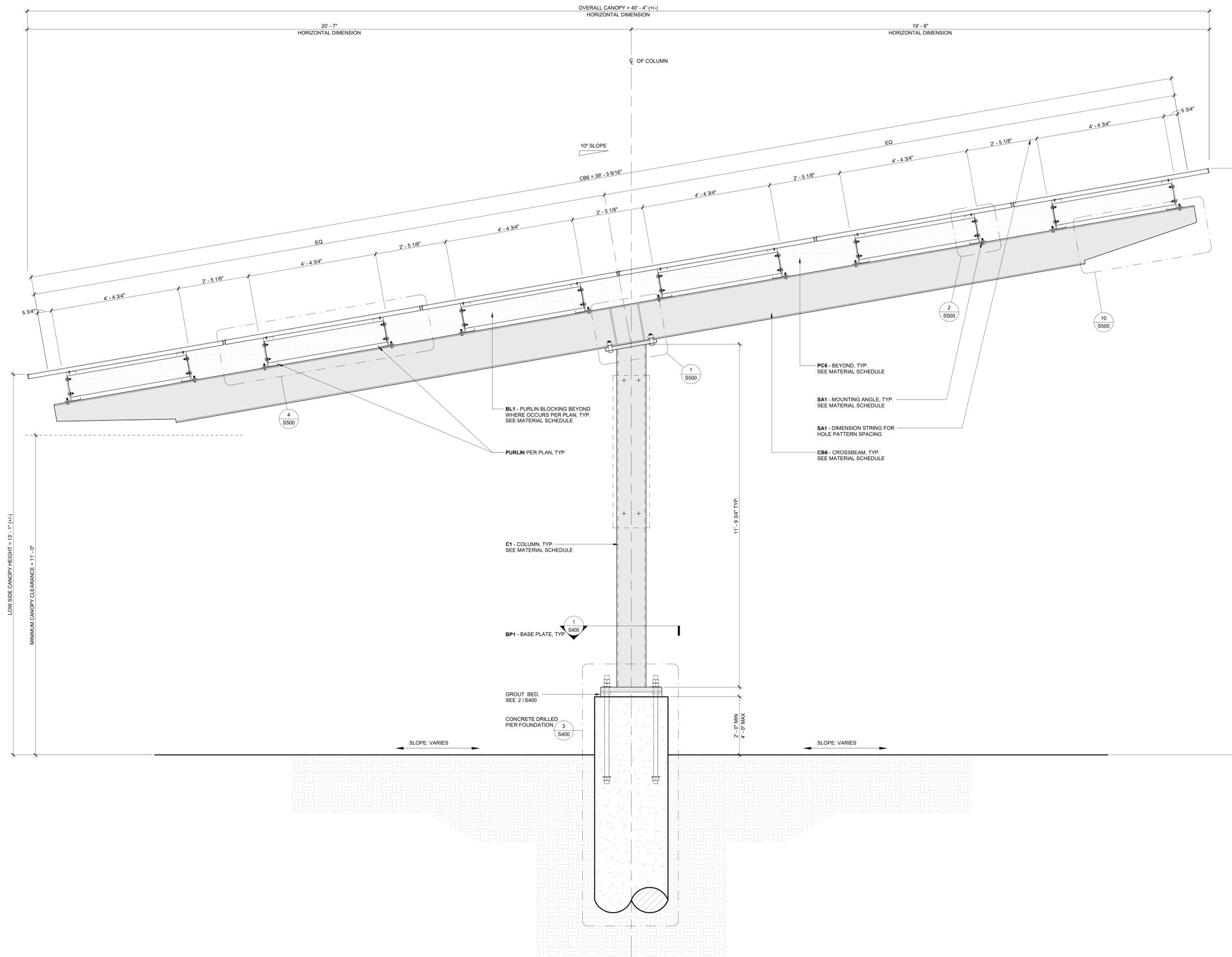
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FRAMING / PV MODULE PLANS

REVISION SCHEDULE	
No.	Description
1	ISSUED FOR PERMIT

Date	By	Checked
04/27/2021	EA	BP

CDG PROJECT # 21.0007
 DATE 03/22/2021
 DRAWN BY EA
 CHECKED BY BP
 SHEET **S220**
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LOW SIDE CANOPY HEIGHT = 13'-1 1/4" (+/-)
 MINIMUM CANOPY CLEARANCE = 11'-0"

HIGH SIDE CANOPY HEIGHT = 20'-2 1/4" (+/-)

TYP. 6x CANOPY SECTION 3/4" = 1'-0" 1

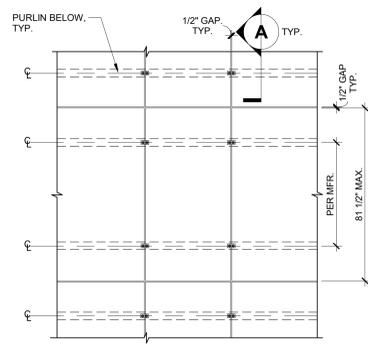
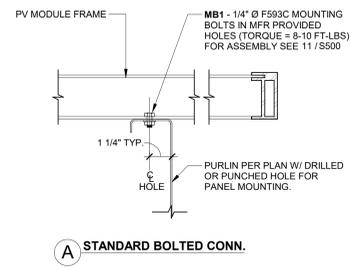


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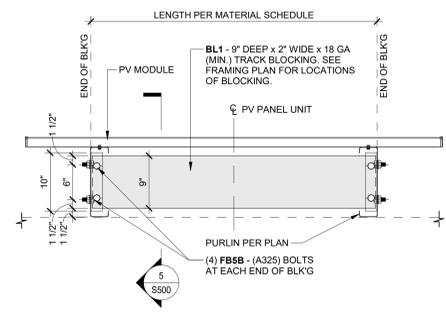
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 TYP. CANOPY SECTIONS (6T)

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1	04/21/2021	ISSUED FOR PERMIT				

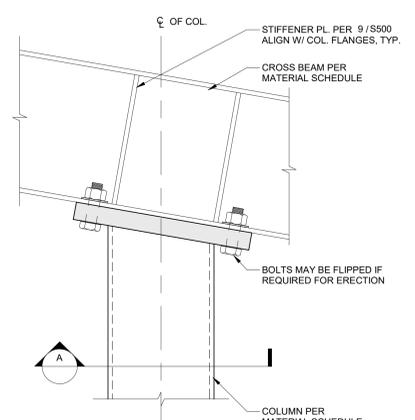
CDG PROJECT #	21.0007
DATE	03/22/2021
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SHEET	S300



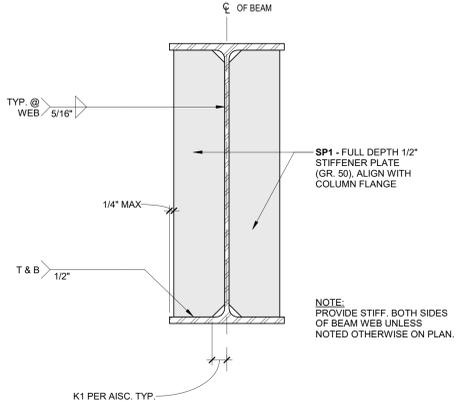
PV MODULE ATTACHMENT DETAIL 3/8" = 1'-0" 8



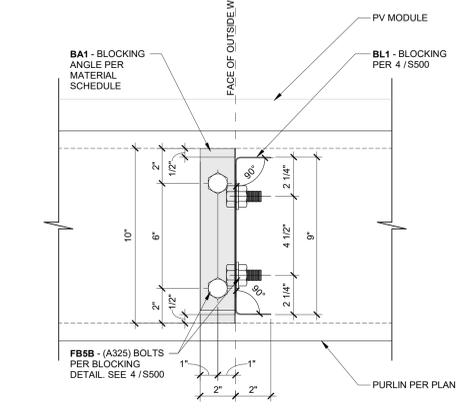
TYP. PV MODULE @ BLOCKING (BL1) 1" = 1'-0" 4



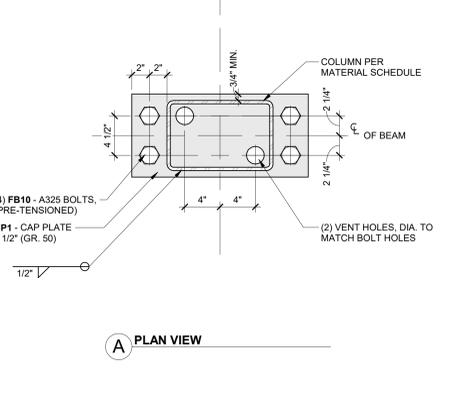
CROSSBEAM TO HSS COLUMN CONNECTION 1 1/2" = 1'-0" 1



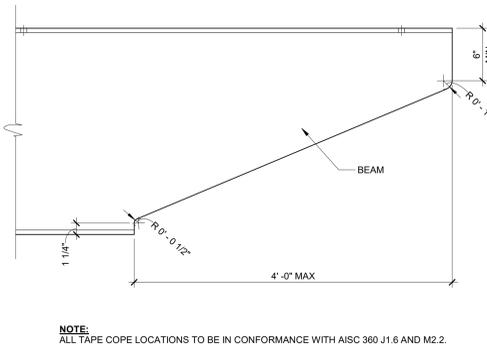
TYPICAL STIFFENER PLATE (SP1) 3" = 1'-0" 9



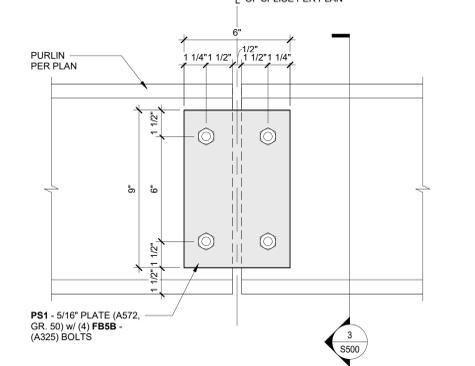
BLOCKING ANGLE (BA1) TO PURLIN CONNECTION 3" = 1'-0" 5



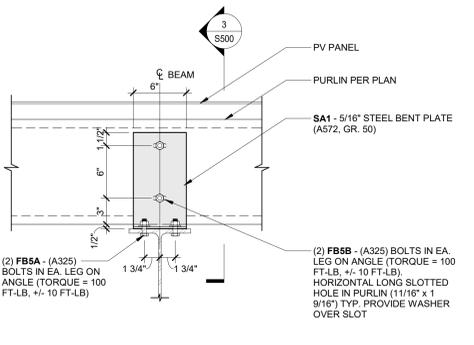
CROSSBEAM TO HSS COLUMN CONNECTION 1 1/2" = 1'-0" 1



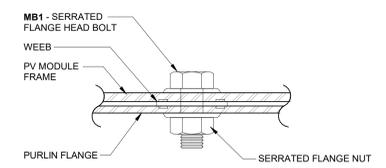
BEAM TAPER DETAIL 1 1/2" = 1'-0" 10



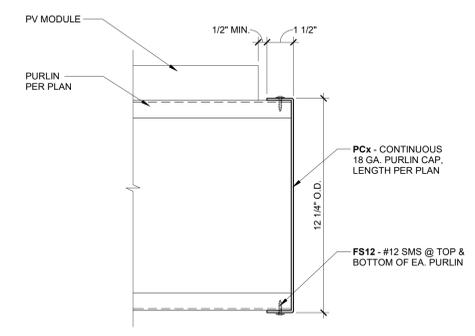
TYPICAL PURLIN SPLICE PLATE (PS1) 3" = 1'-0" 6



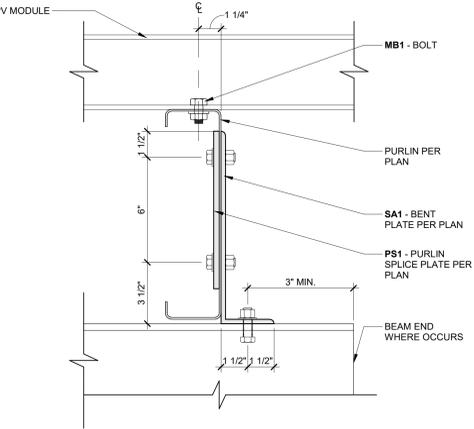
BEAM TO PURLIN CONNECTION (SA1) 1 1/2" = 1'-0" 2



PANEL BOLT ASSEMBLY (MB1) 1/2" = 1'-0" 11



TYPICAL PURLIN CAP CONNECTION (PC) 3" = 1'-0" 7



STEEL ANGLE (SA1) ELEVATION 3" = 1'-0" 3

No.	Date	By	Check	Appr.
1	04/27/2021	EA	AM	

Revision	Description
1	ISSUED FOR PERMIT

CDG PROJECT #	21.0007
DATE	03/22/2021
DRAWN BY	EA
CHECKED BY	BP
SHEET	S500

CDG PROJECT #	21.0007
DATE	03/22/2021
DRAWN BY	EA
CHECKED BY	BP
SHEET	S500

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DATE	03/22/2021
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SHEET	S500

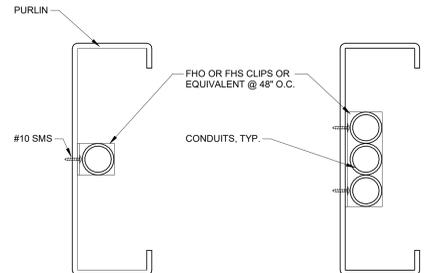
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MISC. STRUCTURAL ATTACHMENTS

REVISION SCHEDULE	Date	DB	CB
Design No. - Description	04/27/2021	EA	AM
No. 1	ISSUED FOR PERMIT		

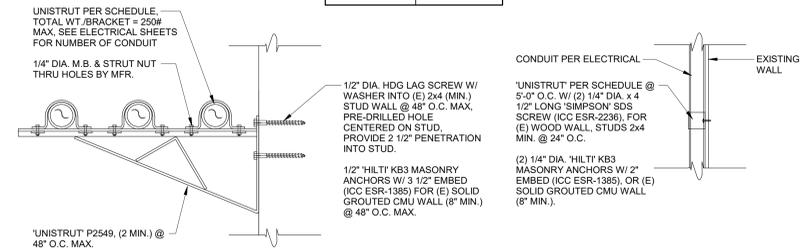
CDG PROJECT #	21.0007
DATE	03/22/2021
DRAWN BY	EA
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SHEET	S600



OPTIONAL CONDUIT SUPPORT | 3" = 1'-0" | 3

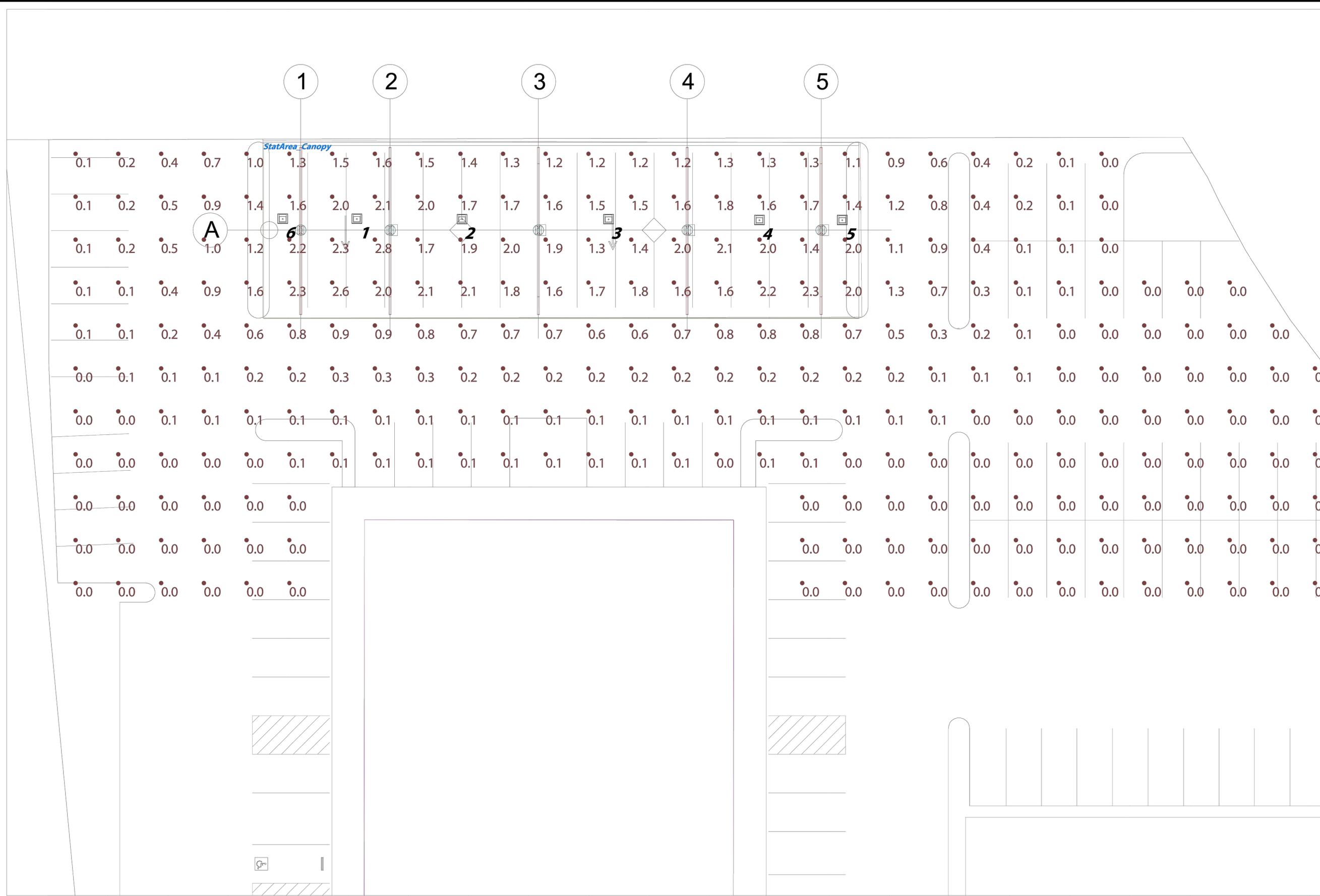
CONDUIT SIZE	UNISTRUT SIZE
1 1/2"	P2558-15
2 1/2"	P2558-25
3"	P2558-30

NOTE:
THE NUMBER OF CONDUIT IS LIMITED BY THE WEIGHT PER BRACKET NOTED AND THE GEOMETRY OF THE BRACKET. THERE IS NO SPECIFIED LIMIT ON THE ACTUAL NUMBER OF CONDUIT OF SIZE OF CONDUIT.



CONDUIT PER ELECTRICAL
EXISTING WALL
'UNISTRUT' PER SCHEDULE @ 5'-0" O.C. W/ (2) 1/4" DIA. x 4 1/2" LONG SIMPSON' SDS SCREW (ICC ESR-2236), FOR (E) WOOD WALL, STUDS 2x4 MIN. @ 24" O.C.
(2) 1/4" DIA. 'HILTI' KB3 MASONRY ANCHORS W/ 2" EMBED (ICC ESR-1385), OR (E) SOLID GROUDED CMU WALL (8" MIN.) @ 48" O.C. MAX.

CONDUIT MOUNTING DETAILS | 1 1/2" = 1'-0" | 4



The Lighting Analysis, Layout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by RAB Lighting Inc. ("RAB") represents an anticipated prediction of lighting system performance based upon design information provided to RAB. It is not a guarantee of performance. RAB does not warrant, and shall not be held liable for, any lighting system that does not conform to the Lighting Design or that does not perform as anticipated. RAB recommends that design parameters and other information be field verified to reduce variation. RAB neither warrants, either implied or stated, nor represents the appropriateness, completeness or suitability of the Lighting Design in compliance with any applicable regulatory code requirements, nor shall RAB be held liable for any claims, damages, costs or expenses, including reasonable attorney's fees, arising out of or in connection with the Lighting Design. The Lighting Design is issued in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

PROJECT # 172300
 CASE # 00619986
 Scale: as noted
 Date: 4/7/2021
 Filename: Spelker Investments - Campbell 00619986.AGI
 Drawn By: Donald G. Andrews

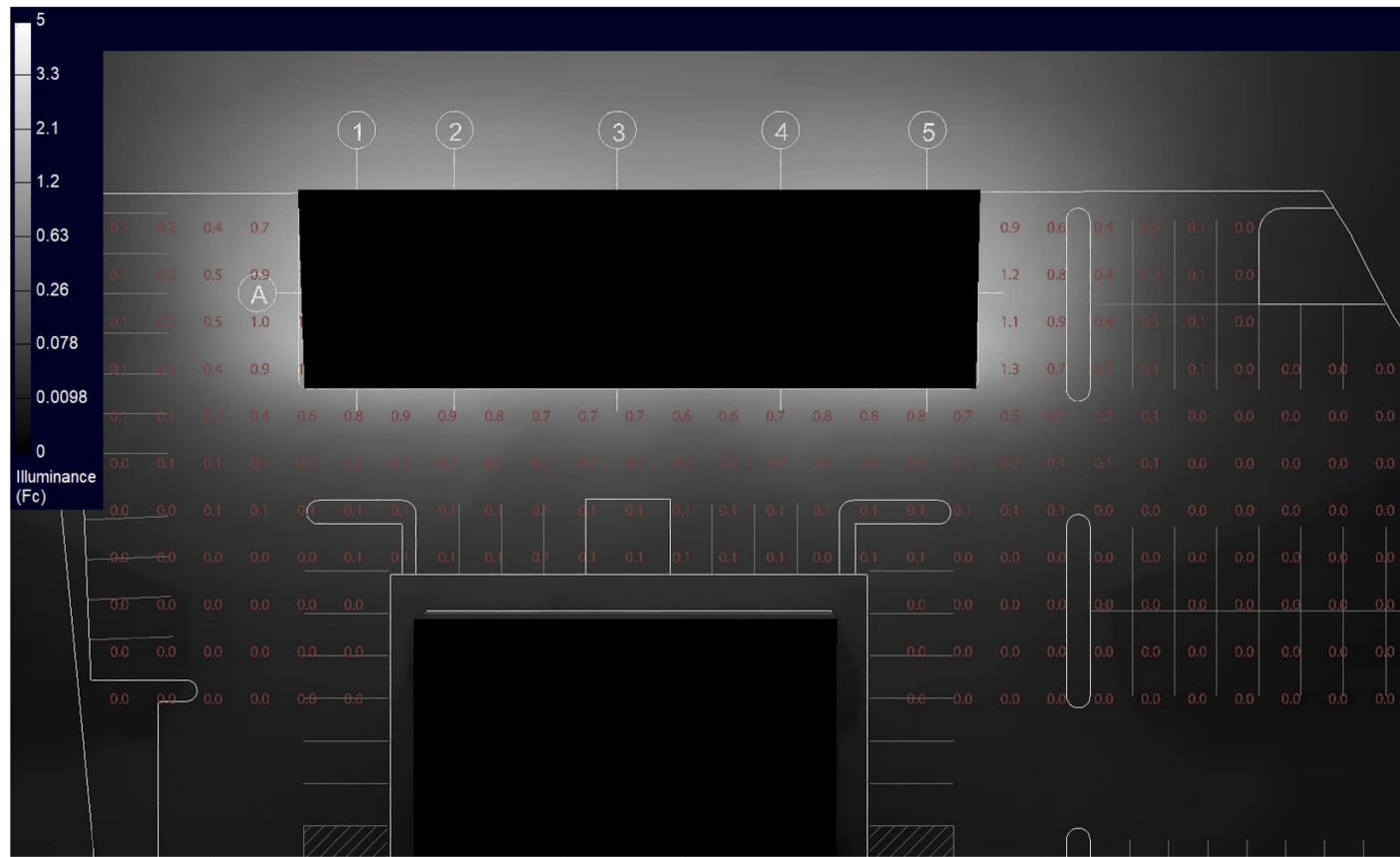
Job Name:
 Spelker Investments - Campbell
 Campbell, CA
 Lighting Layout
 Version A

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 Darmin Sales
 28 Brunswick Avenue
 Edison, NJ 08818-0377
 Tel: 888-839-0590

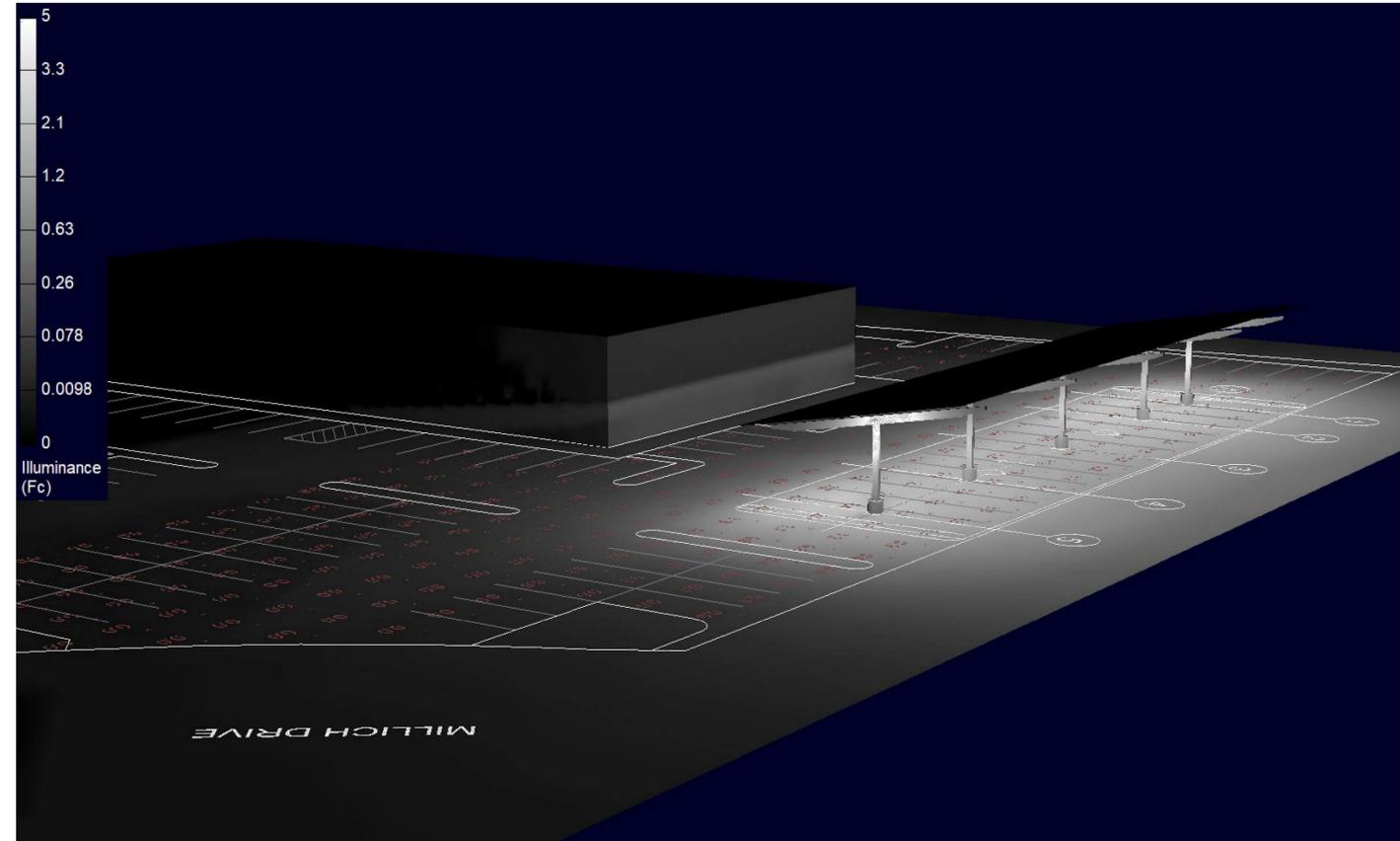
RAB
 1770 Ludlow Avenue, Northvale, NJ 07647
 888-732-1000 • rablighting.com

SHEET NUMBER:
 L1.0

Scale: 1 inch= 10 Ft.



RenderViewpoint_1



RenderViewpoint_2

The Lighting Analysis, Layout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by RAB Lighting Inc. ("RAB") represents an anticipated prediction of lighting system performance based upon design information and other data provided by the client. RAB does not warrant, represent or guarantee that the Lighting Design will be achieved in the field. RAB does not warrant, represent or guarantee that the Lighting Design will be achieved in the field. RAB does not warrant, represent or guarantee that the Lighting Design will be achieved in the field. RAB does not warrant, represent or guarantee that the Lighting Design will be achieved in the field.

PROJECT # 172300
 CASE # 00619986
 Date: 4/12/2021
 Filename: Speiker Investments - Campbell 00619986A.AGI
 Drawn By: Donald G. Andrews

Job Name:
 Speiker Investments - Campbell
 Campbell, CA
 Lighting Layout
 Version A

Prepared For:
 Darrin Sales
 28 Brunswick Avenue
 Edison, NJ 08818-0377
 Tel: 888-839-0590

RAB
 177 Ludlow Avenue, Northvale, NJ 07647
 888-722-1000 • rablighting.com

Calculation Summary												
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	PtSpcLr	PtSpcTb	Meter Type	Grid Z
CalcPts_Parking Lot	Illuminance	Fc	0.48	2.8	0.0	N.A.	N.A.	Readings taken @ 0'-0" AFG	10	10	Horizontal	0
StatArea_Canopy	Illuminance	Fc	1.73	2.8	1.1	1.57	2.55	Readings taken @ 0'-0" AFG				

Luminaire Schedule								All quotes/orders generated from this layout must be forwarded to the Local Rep Agency			
Symbol	Qty	Tag	Label	Arrangement	LLF	Description	BUG Rating				
	6	A	PRT30 D10	SINGLE	1.000	PRT30_D10	B2-U4-G2				

Expanded Luminaire Location Summary						
LumNo	Tag	X	Y	MTG HT	Orient	Tilt
1	A	168.807	375.119	16	90	10
2	A	193.383	375.024	16	90	10
3	A	227.737	375.024	16	90	10
4	A	262.985	374.831	16	90	10
5	A	282.389	374.831	16	90	10
6	A	151.432	375.119	16	90	10
Total Quantity: 6						



PRT30 D10

NOTES:

* The light loss factor (LLF) is a product of many variables, only lamp lumen depreciation (LLD) has been applied to the calculated results unless otherwise noted. The LLD is the result (quotient) of mean lumens / initial lumens per lamp manufacturers' specifications.

* Illumination values shown (in footcandles) are the predicted results for planes of calculation either horizontal, vertical or inclined as designated in the calculation summary. Meter orientation is normal to the plane of calculation.

* The calculated results of this lighting simulation represent an anticipated prediction of system performance. Actual measured results may vary from the anticipated performance and are subject to means and methods which are beyond the control of RAB Lighting Inc.

* Mounting height determination is job site specific, our lighting simulations assume a mounting height (insertion point of the luminaire symbol) to be taken at the top of the symbol for ceiling mounted luminaires and at the bottom of the symbol for all other luminaire mounting configurations.

* It is the Owner's responsibility to confirm the suitability of the existing or proposed poles and bases to support the proposed fixtures, based on the weight and EPA of the proposed fixtures and the owner's site soil conditions and wind zone. It is recommended that a professional engineer licensed to practice in the state the site is located be engaged to assist in this determination.

* The landscape material shown hereon is conceptual, and is not intended to be an accurate representation of any particular plant, shrub, bush, or tree, as these materials are living objects, and subject to constant change. The conceptual objects shown are for illustrative purposes only. The actual illumination values measured in the field will vary.

* Photometric model elements such as buildings, rooms, plants, furnishings or any architectural details which impact the dispersion of light must be detailed by the customer documents for inclusion in the RAB lighting design model. RAB is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies.

* RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.

The Lighting Analysis, eLayout, Energy Analysis and/or Visual Simulation ("Lighting Design") provided by RAB Lighting Inc. ("RAB") represents an anticipated prediction of lighting system performance based upon design information provided by the customer. The Lighting Design is not intended to be used as a construction document. RAB neither warrants, either in writing or orally, nor represents the appropriateness, completeness or suitability of the Lighting Design. The Lighting Design is submitted by RAB. The Lighting Design is issued in whole or in part, as advisory documents for informational purposes and is not intended for construction nor as being part of a project's construction documentation package.

PROJECT # 172300
CASE # 00619986
Scale as noted
Date: 4/7/2021
Filename: Speiker Investments - Campbell 00619986A.AGI
Drawn By: Donald G. Andrews

Job Name:
Speiker Investments - Campbell
Campbell, CA
Lighting Layout
Version A

Prepared For:
Darrin Sales
28 Brunswick Avenue
Edison, NJ 08818-0377
Tel: 888-839-0590

RAB
177 Ludlow Avenue, Northvale, NJ 07647
888-722-1000 x rablighting.com

SHEET NUMBER:
L3.0

PRT30W/D10

RAB



This ultra high efficiency LED garage light delivers up to 118 lumens per Watt. Available in 30, 42 and 55 Watt versions that replace 70 to 175 Watt metal halide fixtures. Fixture measures 14" L x 14" W. Color: White Weight: 10.4 lbs

Project: **Type:**

Prepared By: **Date:**

Driver Info		LED Info	
Type	Constant Current	Watts	30W
120V	0.25A	Color Temp	5000K (Cool)
208V	0.13A	Color Accuracy	78 CRI
240V	0.12A	L70 Lifespan	100,000 Hours
277V	0.11A	Lumens	3,832
Input Watts	29.4W	Efficacy	130.3 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for wet locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: PSB015GJ

Construction

Lens:
Frosted polycarbonate

Gaskets:
High-temperature silicone

IP Rating:

Ingress Protection rating of IP66 for dust and water

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Finish:

Formulated for high durability and long-lasting color

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Housing:

Die-cast aluminum and sheetmetal housing. Polycarbonate is affected by cleaning agents or other liquids containing partial solvents such as low molecular weight aldehydes and ethers, ketones, esters, aromatic hydrocarbons and perchlorinated hydrocarbons. [Click here for a detailed list of damaging chemicals.](#)

Mounting:

Die-cast aluminum backbox with (4) 1/2" conduit openings with plugs. Hinged tether for easy installation and wiring. Also accommodates 1/2" or 3/4" WPS pendants (provided by others).

Reflectors:

Specular polycarbonate

Green Technology:

Mercury and UV free. RoHS-compliant components.

PRT30W/D10

RAB

Technical Specifications (continued)

LED Characteristics

LEDs:
Long-life, high-efficiency, surface-mount LEDs

Color Consistency:
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Equivalency:

Equivalent to 100W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Drivers:

Constant Current, Class 2 100V - 277V, 50/60 Hz, THD <20%

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

7.4% at 120V, 17.1% at 277V

Power Factor:

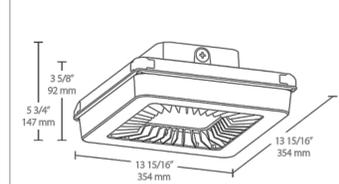
99.2% at 120V, 90.9% at 277V

Sensor Specifications

Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options. [Handheld wireless configuration tool available here.](#)

Dimensions



Features

Ultra-high efficiency
Pendant or surface mount
Low glare, vandal-resistant polycarbonate lens
20% uplight eliminates "cave effect"
100,000-Hour LED lifespan
5-Year, No-Compromise Warranty

PRT30W/D10

RAB

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver Options	Sensor Options	Other Options
PRT	30		W		/PCS	
	30 = 30W (14" x 14")	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V On/Off	Blank = No Option	Blank = Standard
	42 = 42W (14" x 14")	N = 4000K (Neutral)	W = White	/480 = 480V On/Off	/WS = Multi-Level Motion Sensor for 14" ¹	USA = BAA Compliant
	55 = 55W (14" x 14")	Y = 3000K (Warm)		/D10 = 120-277V w/ 0-10V Dimming	/WS2 = Multi-Level Motion Sensor for 18" ¹	
	70 = 70W (18" x 18")			/480/D10 = 480V w/ 0-10V Dimming	/PCS = 120V Swivel Photocell	
	80 = 80W (18" x 18")			/E2 = Battery Backup	/PCS2 = 277V Swivel Photocell	
	105 = 105W (18" x 18")			/D10/E2 = 0-10V Dimming w/ Battery Backup	/PCS4 = 480V Swivel Photocell	
					/LC = Lightcloud® Controller	
					/LCS = Lightcloud® Sensor	

¹ Only available for 120-277V with 0-10V dimming driver.

CONTRACTOR:



CALSOLAR
580 N WILMA AVE STE. #H
RIPON, CA 95366
T: 209.596.0350
CALSOLAR.COM
CSLB #: 980699 CLA. B, C10, C46

CUSTOMER:

SPIEKER INVESTMENTS

SPIEKER INVESTMENTS LLC

3000 SAND HILL ROAD SUITE 100
MENLO PARK, CA 94025
PHONE # (650) 234-1313

PROJECT SITE ADDRESS:

SPIEKER KEECH
HAMILTON LLC
591 W HAMILTON AVE
CAMPBELL, CA 95008

APN:305-15-012

REVISIONS:

Table with 3 columns: REV., DESCRIPTION, DATE



SCALE:

NA

TITLE:

TITLE 24

SHEET NUMBER:

L5.0

DESIGNED BY:

RUDY GARCIA 4/14/21

BUILDING ENERGY ANALYSIS REPORT

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 1 of 7)

Project Name: Spelker Investments Report Page: (Page 1 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

Table with 4 columns: 01 Project Location (city), 02 Climate Zone, 03 Outdoor Lighting Zone per Title 24 Part 1, 04 Total Illuminated Hardscape Area (ft²)

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)(2) for alterations.

My Project Consists of:
01 New Lighting System
02 Altered Lighting System

01 Must Comply with Allowances from §140.7
02 Is your alteration increasing the connected lighting load (Watts)? Yes No

% of Existing Luminaires Being Altered?
01 < 10%
02 >= 10% and < 50%
03 >= 50%

Please proceed to Table F, Outdoor Lighting Fixture Schedule to define the project's luminaires.
FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2021-06-11 15:41:05

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 2 of 7)

Project Name: Spelker Investments Report Page: (Page 2 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: if any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D, Exceptional Conditions for guidance or see applicable Table referenced below.

Table with 10 columns: 01 General Hardship Allowance, 02 Per Application, 03 Sales Frontage, 04 Ornamental Area, 05 Per Specific Area, 06 Existing Power Allowance, 07 Total Allowed (Watts), 08 Total Actual (Watts), 09 Compliance Results, 10 Cutoff Compliance

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2021-06-11 15:41:05

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 3 of 7)

Project Name: Spelker Investments Report Page: (Page 3 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with §140.7, all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)(2), only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (i.e., existing luminaires remaining or existing luminaires being moved are not included).

Table with 10 columns: 01 Name or Item Tag, 02 Complete Luminaire Description, 03 Watts per luminaire(s), 04 How is Wattage determined, 05 Total number luminaires, 06 Luminaire Status, 07 Excluded per §140.7(a), 08 Design Watts, 09 Cutoff Req. > 6,200 initial lumen output §130.2(b) 4, 10 Field Inspector

FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c).

For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b).

G. CUTOFF REQUIREMENTS (BUG)

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2021-06-11 15:41:05

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 4 of 7)

Project Name: Spelker Investments Report Page: (Page 4 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Mandatory Controls

Table with 5 columns: 01 Area Description, 02 Shut-Off §130.2(c)(1), 03 Auto-Schedule §130.2(c)(2), 04 Motion Sensor §130.2(c)(3), 05 Field Inspector

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. Do Not Comply with health & safety to be turned off! EXCEPTION 2 to §130.2(c)

Carport Areas: Photocontrol Yes Exempt*
Luminaires are less than 40 Watts

I. LIGHTING POWER ALLOWANCE (per §140.7)

This table includes areas using allowance calculations per §140.7, General Hardship Allowance as per Table 140.7-2, while "Use it or lose it" Allowances are per Table 140.7-3. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

Table with 10 columns: 01 General Hardship Allowance, 02 Per Application, 03 Sales Frontage, 04 Ornamental Area, 05 Per Specific Area

Calculated General Hardship Lighting Power Allowance per Table 140.7-A (L2.0, 1 & 4)

This section does not apply to this project.

Calculated General Hardship Lighting Power Allowance per Table 140.7-A (L2.2 & 3)

This section does not apply to this project.

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 5 of 7)

Project Name: Spelker Investments Report Page: (Page 5 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

Table with 10 columns: 01 Area Description, 02 Specific Area Type per Table 140.7-B, 03 CALCULATED ALLOWANCE (Watts), 04 Allowed Density (W/ft²), 05 Extra Allowance (Watts), 06 Luminaire Name or Item Tag, 07 Watts per Luminaire, 08 # of Luminaires, 09 Design Watts, 10 Additional Allowance (Watts)

FOOTNOTES: See Table 140.7-B for rules for calculating the specific areas (ft²) for these additional lighting allowances.

For luminaires indicated in Table F as linear, wattage in column 07 is W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2021-06-11 15:41:05

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

NRCC-LTO-E CERTIFICATE OF COMPLIANCE NRCC-LTO-E (Page 6 of 7)

Project Name: Spelker Investments Report Page: (Page 6 of 7)
Project Address: 591 W Hamilton Ave, Date Prepared: 6/11/2021

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E.

Additional Remarks: These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/

Table with 2 columns: Yes/No, Field Inspector

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E.

Additional Remarks: These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Table with 2 columns: Yes/No, Field Inspector

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance
Registration Date/Time: Report Version: 2019.1.003 Schema Version: rev 20200601
Registration Provider: Energysoft
Report Generated: 2021-06-11 15:41:05

TABLE OF CONTENTS

Table with 2 columns: Document Name, Page Number

The EnergySoft computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2019 Building Energy Efficiency Standards. This program developed by EnergySoft Software - www.energysoft.com.



Job Number: 21243

Date: 6/11/2021

Report Prepared by: David Hensel, PE
Hensel Consulting Engineers, Inc.
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Carlsbad, CA 92008
(619) 665-3259

Project Designer: CALSOLAR
580 N Wilma Ave., Suite H
Ripon, CA 95366
(209) 596-0350

PROJECT: Speiker Investments
591 W Hamilton Ave,
Campbell, CA 95008