



CITY OF CAMPBELL
Community Development Department

June 28, 2019

NOTICE OF PUBLIC HEARING

Notice is hereby given that the Planning Commission of the City of Campbell has set the time of 7:30 p.m., or shortly thereafter, on Tuesday, **July 9, 2019**, in the City Hall Council Chambers, 70 North First Street, Campbell, California, for a Public Hearing to consider the application of Vista Solar, Inc. for a Modification (PLN2019-31) to a previously approved Conditional Use Permit with Site and Architectural Review (PLN2011-202) to allow construction of two approximately 2,500 square-foot photo-voltaic (solar) carport structures within an existing church/private school parking lot on property located at **1075 W. Campbell Avenue**. Staff is recommending that this item be deemed Categorical Exempt under CEQA.

Interested persons may appear and be heard at this hearing. Please be advised that if you challenge the nature of the above project in court, you may be limited to raising only those issues you or someone else raised at the Public Hearing described in this Notice, or in written correspondence delivered to the City of Campbell Planning Commission at, or prior to, the Public Hearing. Questions may be addressed to the Community Development Department at (408) 866-2140.

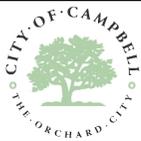
Plans and architectural drawings may be viewed at the Planning Division office during normal business hours (8:00 a.m. – 5:00 p.m.) and on the City's 'Public Notices' web page (<http://www.cityofcampbell.com/501/Public-Notices>) under 'Planning Commission'.

Decisions of the Planning Commission may be appealed to the City Council. Appeals must be submitted to the City Clerk in writing within 10 calendar days of an action by the Commission.

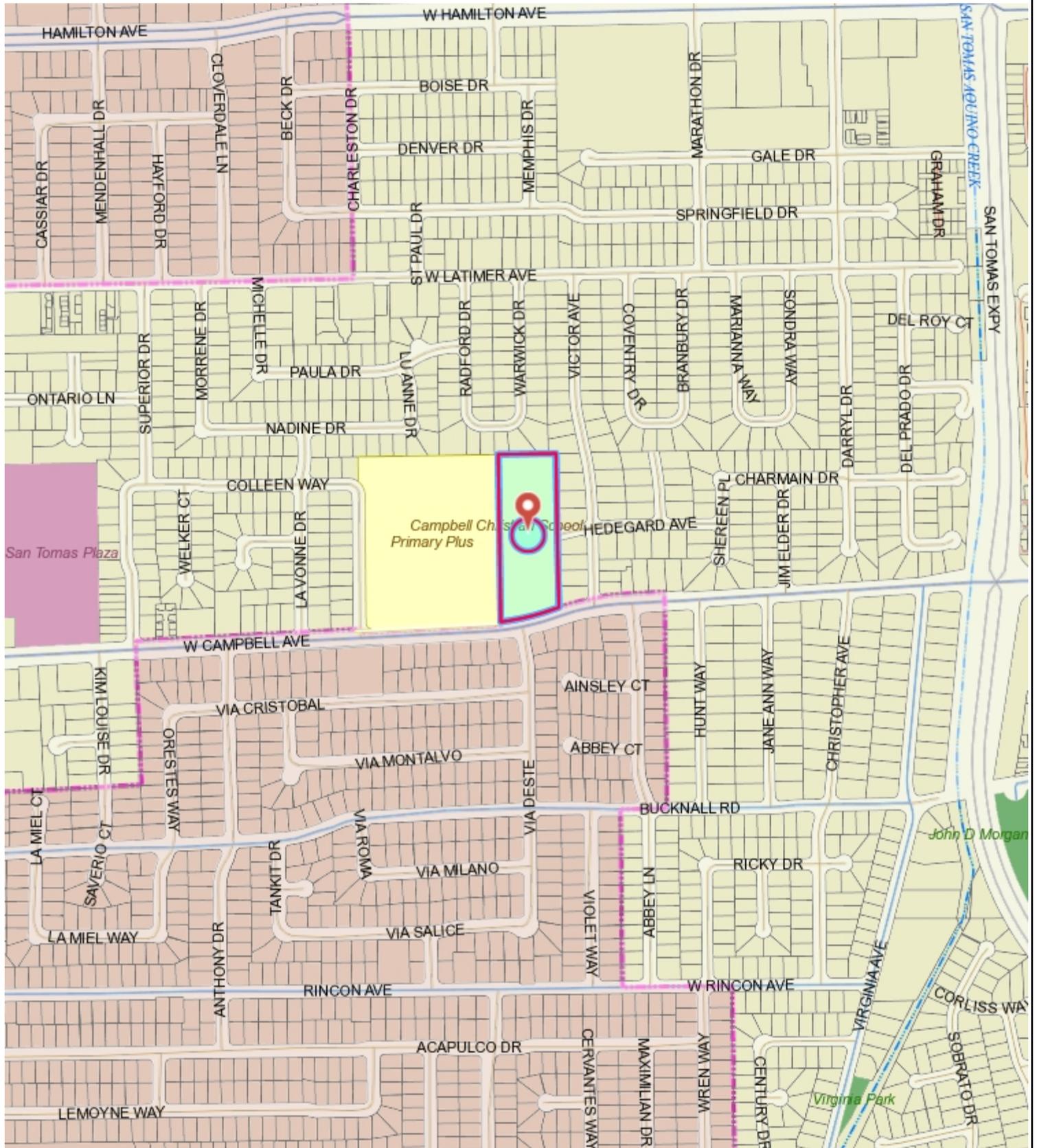
In compliance with the Americans with Disabilities Act, listening assistive devices are available for all meetings held in the Council Chambers. If you require accommodation, please contact the Community Development Department at (408) 866-2140, at least one week in advance of the meeting.

PLANNING COMMISSION
CITY OF CAMPBELL
PAUL KERMOYAN
SECRETARY

PLEASE NOTE: When calling about this Notice,
please refer to: **1075 W. Campbell Avenue**



Location Map - 1075 W. Campbell



Scale 1: 9,028

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.

ELECTRICAL SPECIFICATIONS

SCOPE OF WORK

1. THE PROJECT IS NEW PHOTOVOLTAIC SYSTEM CONSISTING OF SOLAR ARRAY(S) AND ASSOCIATED POWER CONDITIONING EQUIPMENT.
2. ALL CONSTRUCTION SHALL COMPLY WITH THE ADOPTED EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND CALIFORNIA ELECTRIC CODE (2016 CEC) AS SPECIFIED IN THE PROJECT SPECIFIC NOTES.
3. IT SHALL ALSO COMPLY WITH ALL APPLICABLE CITY, COUNTY, STATE AND LOCAL ELECTRICAL UTILITY CODES, RULES AND REGULATIONS.
4. THE SYSTEM WILL BE INTERCONNECTED TO THE ELECTRICAL UTILITY GRID IN ACCORDANCE WITH THE REQUIREMENTS OF THE ADOPTED CEC AND THE ELECTRICAL UTILITY COMPANY.
5. THE CONTRACTOR SHALL PROVIDE LABOR FOR CONSTRUCTION OF THE ARRAY AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT. THE CONTRACTOR WILL PROVIDE COMPETENT SUPERVISION FOR THE WORK TO BE ACCOMPLISHED. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BY OWNER AS REQUESTED.
6. THERE WILL BE NO SUBMISSION FOR ANY EQUIPMENT WITH THE VENDOR PART NUMBER ON THE DRAWING WITHOUT WRITTEN APPROVAL OF THE PROFESSIONAL ENGINEER. COMMON ITEMS SUCH AS CONDUITS, WIRE, FITTINGS, ETC. ARE NOT SPECIFIED BY VENDOR BUT THE SIZES CANNOT BE REDUCED.
7. THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE SAFETY OF ALL PERSON AND PROPERTY, AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS.
8. CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE DESIGN PROFESSIONAL FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PERSONNEL.
9. CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO REPAIR ANY DAMAGE DONE TO BUILDINGS, GROUNDS OR UTILITIES AT NO ADDITIONAL COST TO THE CUSTOMER. DEFECTIVE MATERIAL OR WORKMANSHIP WILL NOT BE ALLOWED ON THIS PROJECT. REASONABLE HOUSEKEEPING AND CLEAN UP SHALL BE CONDUCTED BOTH DURING THE EXECUTION OF AND AT THE CONCLUSION OF THE PROJECT.

GENERAL

1. THE ACTUAL SYSTEM EQUIPMENT SPECIFICATIONS FOR THE PHOTOVOLTAIC SYSTEM ARE INCLUDED IN THE PV SYSTEM SPECIFICATION ON THE TITLE PAGE AND THROUGHOUT THE DRAWING AS NECESSARY FOR CLARITY. IN ADDITION THE ACTUAL VENDOR SPECIFICATION DATA SHEET WILL BE INCLUDED AS PART OF THE PERMIT SUBMITTAL.
2. ALL NEW MATERIAL WILL BE INSTALLED AS PART OF THE PROJECT. ALL NEW INSTALLED EQUIPMENT WILL BE APPROPRIATELY LISTED AND NEMA RATED. ALL NEW EQUIPMENT SHALL HAVE PERMANENT PLASTIC ENGRAVED IDENTIFICATION TAGS INSTALLED.
3. ALL CUTTING AND PATCHING REQUIRED FOR INSTALLATION OF NEW RACEWAYS AND EQUIPMENT SHALL BE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL WORK SHALL BE PERFORMED BY TRADESMAN EXPERIENCED IN WORK REQUIRED. ALL FINISHES SHALL MATCH THE EXISTING ADJACENT FINISHES. OPENING IN FIRE RATED WALLS WILL BE PATCHED IN A MANNER MAINTAINING THE ORIGINAL FIRE AND SMOKE RATING. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND CANNOT SHOW EVERY CONNECTION, JUNCTION BOX, WIRE, CONDUIT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM.
5. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH THE OWNER'S REPRESENTATIVE IN ADVANCE. PANEL DESIGNATIONS SHOWN ON THESE DRAWINGS ARE GIVEN FOR CLARIFICATION OF THE CIRCUITING ONLY AND MAY NOT CORRESPOND TO THE DESIGNATIONS FOUND IN THE FIELD.
7. ELECTRICAL TESTING SHALL BE IN COMPLIANCE WITH NFPA 70E.

CONDUIT AND WIRE

1. ALL EXISTING CONDUIT RUNS ARE IN SHOW. CONTRACTOR SHALL VERIFY EXISTING CONDUIT LOCATIONS IN FIELD.
2. ALL CONDUCTORS SHALL BE INSTALLED IN A RACEWAY AS SPECIFIED IN THE DRAWINGS. THE EXCEPTION IS PV SOURCE CIRCUIT CONDUCTORS MADE OF PV WIRE CABLE. THESE CONDUCTORS MAY BE EXPOSED WITHIN THE PV ARRAY.
3. INDOOR EMT FITTINGS MAY BE COMPRESSION TYPE OR STEEL SET SCREW TYPE. OUTDOOR EMT FITTINGS MUST BE COMPRESSION RAINTIGHT TYPE.
4. A PULL ROPE SHALL BE INSTALLED IN ALL EMPTY CONDUITS.
5. CONDUCTORS MATERIAL, EITHER COPPER OR ALUMINUM IN SPECIFIED IN THE DRAWINGS. CONDUCTOR INSULATION TYPE SHALL BE XHHW-2 UNLESS OTHERWISE NOTED.
6. ALL SERVICE FEEDERS AND BRANCH CONDUITS SHALL BE IDENTIFIED TO MATCH THE EXISTING BUILDING OR STRUCTURE IDENTIFICATION SCHEME PER CEC 200.6, 210.5 AND 215.12. WHERE MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXIST IN A BUILDING OR STRUCTURE, EACH UNGROUNDED CONDUCTOR SHALL BE IDENTIFIED BY PHASE AND SYSTEM. THE IDENTIFICATION SCHEME SHALL BE PERMANENTLY POSTED AT EACH PANELBOARD OR SWITCHBOARD. IF THE BUILDING OR STRUCTURE DOES NOT HAVE AN EXISTING SCHEME, USE THE FOLLOWING.

PHASE	240/120 VOLT (SINGLE-PHASE)	240/120 VOLT (THREE-PHASE) 208 V STINGER-LEG	208/120 VOLT (THREE-PHASE)	480/277 VOLT (THREE-PHASE)
A	BLACK	BLACK	BLACK	BROWN
B	RED	RED	RED	PURPLE
C	NA	ORANGE	BLUE	YELLOW
NEUTRAL	WHITE	WHITE	WHITE	WHITE
GROUND	GREEN	GREEN	GREEN	GREEN
PHASE	DC (600 V)	DC (1000 V)	DC (1500 V)	DC (2000 V)
POSITIVE	RED	RED	RED	RED
NEGATIVE	BLACK	BLACK	BLACK	BLACK
GROUND	GREEN	GREEN	GREEN	GREEN

7. CONDUCTORS SIZED #6 AWG AND BELOW SHALL BE COLOR CODED WITH COLORED INSULATION. CONDUCTORS SIZED #4 AWG AND LARGER SHALL BE IDENTIFIED WITH COLORED TAPE AT ALL TERMINATIONS, JUNCTIONS BOXES AND PULL BOXES. ALL CURRENT CARRYING CONDUCTORS #10 AWG AND LARGER SHALL BE STRANDED.
8. ALL ELECTRICAL WIRING AND EQUIPMENT HAS BEEN PROPERLY DESIGNED FOR OVERLOAD PROTECTION
9. WHERE WIRING AND CONDUIT SIZES ARE INDICATED FOR HOMERUNS, THESE SIZES APPLY TO THE ENTIRE LENGTH FROM THE PROTECTIVE DEVICE IN THE PANEL TO THE EQUIPMENT OR LAST WIRING DEVICE.
10. ALL CONDUIT PENETRATIONS THROUGH ROOFS, FLOORS OR WALLS SHALL BE MADE WATER TIGHT BY PROPER FLASHING, CAULKING OR SEALING.
11. WHERE PORTIONS OF A RACEWAY ARE PASSING FROM INTERIOR TO THE EXTERIOR OF A BUILDING OR UNDERGROUND TO ABOVEGROUND, THE RACEWAY SHALL BE FILLED WITH A LISTED PRODUCT THAT IS INTENDED FOR THE APPLICATION NEAR THE TRANSITION TO PREVENT THE CIRCULATION OF AIR, MOISTURE, AND WATER PER CEC 300.7
12. ALL FIXTURES AND DEVICES SHALL BE PROVIDED WITH SUITABLE METAL OUTLET BOXES, CONFORMING TO CEC ARTICLE 314. BOXES SHALL BE SUPPORTED RIGIDLY FROM THE STRUCTURE.
13. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC. PVC CONDUIT SHALL NOT BE INSTALLED ABOVE GRADE. THE TRANSITION FROM PVC TO METALLIC CONDUIT SHALL BE LOCATED AT GRADE LEVEL. ALL METALLIC CONDUIT AND FITTINGS INSTALLED BELOW GRADE SHALL BE WRAPPED WITH THE LISTED, 20ML THICK, 2" WIDE TAPE. WRAP TAPE WITH 1" OVERLAP.
14. RACEWAYS SUBJECT TO PHYSICAL DAMAGE SHALL BE RIGID GALVANIZED STEEL CONDUIT.
15. THE CONDUIT ROUTES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE BEST CONDUIT ROUTE BASED ON THE SITE CONDITIONS. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF THE CONTRACTOR'S PREFERRED CONDUIT ROUTES ARE OTHER THAN WHAT ARE INDICATED ON THE DRAWINGS.

GROUNDING

1. THE GROUNDING SYSTEM SHALL MEET THE REQUIREMENTS OF THE CEC AND THE LOCAL ADOPTED CODE. ALL ELECTRICAL EQUIPMENT AND RACEWAYS SHALL BE PROPERLY GROUNDED.
2. AN INSULATED EQUIPMENT GROUNDING CONDUCTOR, IN ACCORDANCE WITH CEC 250.122 AND 690.47, SHALL BE PROVIDED IN ALL CONDUITS WITH CURRENT CARRYING CONDUCTORS. ALL LUGS AND CONNECTORS SHALL BE RATED FOR THE CONDUCTOR MATERIAL AND THE CONDITIONS OF USE.
3. THE GROUNDING RESISTIVITY WILL BE TESTED AFTER INSTALLATION TO CONFIRM 5 OHM OR LESS RESISTANCE FROM PAGING TO GROUND. IF GROUND RESISTANCE IS GREATER THAN 5 OHMS ADDITIONAL GROUNDING WILL BE INSTALLED UNTIL RESISTANCE IS LESS THAN 5 OHMS.

EQUIPMENT

1. ALL ELECTRICAL COMPONENTS INSTALLED OUTDOORS, EXPOSED TO WEATHER OR IN DAMP LOCATIONS SHALL BE RATED FOR NEMA 3R OR GREATER. INSTALLATION OF THESE COMPONENTS MUST COMPLY WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL RACEWAYS, CABINETS, BOXES, FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN AN APPROVED MANNER.
3. AT THE COMPLETION OF THE PROJECT NEATLY TYPED ACCURATE PANEL BOARD DIRECTORIES INDICATING ALL BRANCH CIRCUITS AND SPARES WILL BE PROVIDED. ALL SPARES SHALL BE LEFT IN THE OFF POSITION.
4. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY TYPE WITH COVER INTERLOCK AND HANDLE LOCK OFF PROVISIONS. SWITCHES SHALL BE MANUFACTURED BY A COMPANY CONSISTENT WITH OTHER INSTALLED EQUIPMENT WHENEVER POSSIBLE. Part NUMBERS, RATING AND FUSING SHALL BE AS SHOWN ON THE DRAWINGS.
5. CONTRACTOR SHALL ENSURE ALL CEC AND MAINTENANCE CLEARANCE REQUIREMENTS ARE MET FOR NEW EQUIPMENT AND MAINTAINED FOR EXISTING EQUIPMENT.
6. CONTRACTOR SHALL FIELD VERIFY EQUIPMENT CLEARANCE AND PLACEMENTS WHILE COORDINATING LOCATORS WITH OTHER TRADES, CONSTRUCTION MANAGERS, AND SITE SUPERVISORS PRIOR TO PURCHASING AND INSTALLING EQUIPMENT.
7. EVERY STRUCTURE AND PORTION THEREOF, INCLUDING NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7, EXCLUDING CHAPTER 14 AND APPENDIX 11A. THE SEISMIC DESIGN CATEGORY FOR A STRUCTURE IS PERMITTED TO BE DETERMINED IN ACCORDANCE WITH SECTION 1613 OR ASCE 7.
8. ALL CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCE AND COOLING, HEATING OR VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE JUNCTION OR DEVICE BOX NOR LESS THAN 15 INCHES MEASURED TO THE BOTTOM OF THE JUNCTION OR DEVICE BOX ABOVE THE FINISHED FLOOR.
9. ALL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30- AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15 INCHES MEASURED TO THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING ABOVE FINISHED FLOOR.

WIRING DEVICES

1. RECEPTACLES SHALL BE AS DESIGNED ON THE DRAWINGS AND SHOULD BE A BRAND CONSISTENT WITH OTHERS IN THE VICINITY WHENEVER POSSIBLE.
2. ALL WIRING DEVICES SHALL BE PROVIDED WITH APPROPRIATE COVER-PLATES. ANY EMPTY BOXES SHALL HAVE BLANK COVER PLATES. COVER-PLATES SHALL BE LEXAN, PLASTIC OR STAINLESS STEEL IN FINISHED AREA. GALVANIZED COVER-PLATES MAY BE USED IN EQUIPMENT ROOMS.

LABELING AND PHASING

1. FOR LABELING USE NUMBERED UV RATED LABELS TO INDICATE STRING NUMBER.
2. AS A SUBSTITUTE FOR LABELS YELLOW TAPE MAY BE USED FOR PHASING
3. EACH METHOD DESCRIBED ABOVE WILL NEED TO BE PERFORMED ON BOTH POSITIVE AND NEGATIVE AT POINTS WHERE CONDUCTORS ARE TERMINATED

ELECTRICAL ABBREVIATIONS, SYMBOLS AND LINE TYPE LEGEND

NOT ALL ABBREVIATIONS, SYMBOLS AND LINE TYPES ARE USED IN THIS PROJECT

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
AL	ALUMINUM
AWG	AMERICAN WIRE GAUGE
CB#	COMBINER BOX
CT	CURRENT TRANSFORMER
CU	COPPER
DC	DIRECT CURRENT
DIA	DIAMETER
E	ELECTRICAL
(E)	EXISTING
EMT	ELECTRICAL METAL CONDUIT
ES	ENERGY STORAGE
FO	FIBER OPTIC
G	GROUND
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER
GFDI	GROUND-FAULT DETECTION AND INTERRUPTION
IMC	INTERMEDIATE METAL CONDUIT
IMP	CURRENT AT MAXIMUM POWER
J	CURRENT AT SHORT CIRCUIT
ISC	JUNCTION BOX
M	METER
MET	METER
MONO	MONOCRYSTALLINE SOLAR CELL
N	NEUTRAL
(N)	NEW
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
N/S	NORTH-SOUTH
P	PHASE
PLC	PROGRAMMABLE LOGIC CONTROLLER
POLY	POLYCRYSTALLINE SOLAR CELL
PT	POTENTIAL TRANSFORMER
PTC	PV USE TEST CONDITIONS (RATING)
PV	PHOTOVOLTAIC
PVC	RIGID POLYVINYL CHLORIDE CONDUIT
RMC	RIGID METAL CONDUIT
RPVT	REMOTE PV TIE
S	STRUCTURAL
SCH	SCHEDULE
SKID	REFERENCES ALL COMPONENTS LOCATED ON INVERTER AND TRANSFORMER SHK
SS	STAINLESS STEEL
STC	FACTORY STANDARD TEST CONDITIONS (RATING)
TYP	TYPICAL
VMP	VOLTAGE AT MAXIMUM POWER
V	VOLTAGE AT OPEN CIRCUIT
XFMR	TRANSFORMER
+	POSITIVE
-	NEGATIVE
Ø	PHASE

UNITS OF MEASUREMENT

A	AMPERES
C	CELCIUS
FT	FEET
IN	INCHES
MW	MEGAWATT
KV	KILOVOLTS
KVA	KILOVOLTS - AMPHERES
KW	KILOWATTS
KVHR	KILOWATTS - HOUR
V	VOLT
VAC	VOLTS IN AC
VDC	VOLTS IN DC
W	WATT

GENERAL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LABEL		LIGHT
	DETAIL REFERENCING SHEET NUMBER		REMOTE PV TIE
	KEYNOTE		TRANSFORMER (XFMR)
	REVISION		WEATHER STATION
	SECTION		GENERATOR
	LABELS AND WARNINGS REFERENCING SHEET NUMBER		BATTERY
	KEYNOTE REFERENCING SHEET NUMBER		AUTOMATIC TRANSFER SWITCH (ATS)
	METER		DELTA TRANSFORMER WINDINGS
	INVERTER		WYE GROUNDING TRANSFORMER WINDING
	CIRCUIT BREAKER		NEUTRAL
	FUSE		GROUNDING
	SWITCH		NEUTRAL BUS
	FUSE SWITCH		NEGATIVE
	TAP		GROUND
	ARRESTER		NEGATIVE BUS
	TRANSFORMER		GROUND BUS
	CURRENT TRANSFORMER		CABLE LIMITER
	AC POWER BUS		DC COMBINER BOX
	CONTROL UNIT		ELECTRICAL PANEL
	PV MODULE		EXPANSION JOINT
	JUNCTION BOX		



DATE	DRAWN	CHECKED	BY	DATE	DESCRIPTION
1/20/20	GP	GP	GP	1/20/20	PERMIT SET
1/20/20	GP	GP	GP	1/20/20	REVISED PER COMMENTS
1/20/20	GP	GP	GP	1/20/20	REVISED PER COMMENTS
1/20/20	GP	GP	GP	1/20/20	REVISED PER COMMENTS

PROJECT NAME	CAMPBELL CHURCH OF CHRIST - PHASE 2
PROJECT ADDRESS	1075 W CAMPBELL AVE
CITY	CAMPBELL
STATE	CA
ZIP	95008

DATE	SCALE	PLotted	DATE	DATE	SHEET SIZE
1/20/20	AS NOTED	1/20/20	1/20/20	1/20/20	24" x 36"



CLIENTS INITIAL

E-000

LEGEND

-  PV MODULES
-  HVAC
-  SKYLIGHT
-  VENTS
-  HATCH
-  DISH

CAMPBELL CHURCH OF CHRIST - PHASE 2

	Equipment	Dimension	Tilt Angle (Degree)	Azimuth (Degree)	Count	Total Size (kW)	Total Area (ft ²)
(N) CARPORT ARRAY 1	SPR-X21-345-COM FRONIUS SYMO 15.0-3 208	61.3' x 41.2'	7 NA	179 NA	154 3	53.130 NA	2701 NA
(N) CARPORT ARRAY 2	SPR-X21-345-COM FRONIUS SYMO 15.0-3 208	61.3' x 41.2'	7 NA	179 NA	147 3	50.715 NA	2578 NA
(N) ROOFTOP ARRAY - FLUSH MOUNT	SPR-X21-345-COM FRONIUS SYMO 15.0-3 208	61.3' x 41.2'	7 NA	179 NA	192 4	66.240 NA	3367 NA
TOTAL	SPR-X21-345-COM FRONIUS SYMO 15.0-3 208	61.3' x 41.2'	7 NA	179 NA	493 10	170.085 NA	8647 NA



REV	DESCRIPTION	DATE	DRAWN	CHECKED	BY
0	PERMIT SET	1/20/24	PL	GP	...
1	PERMIT COMMENTS	1/23/24	PL	GP	...
2	CD COMMENTS	1/23/24	GP	GP	...

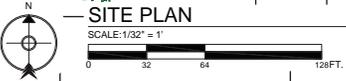
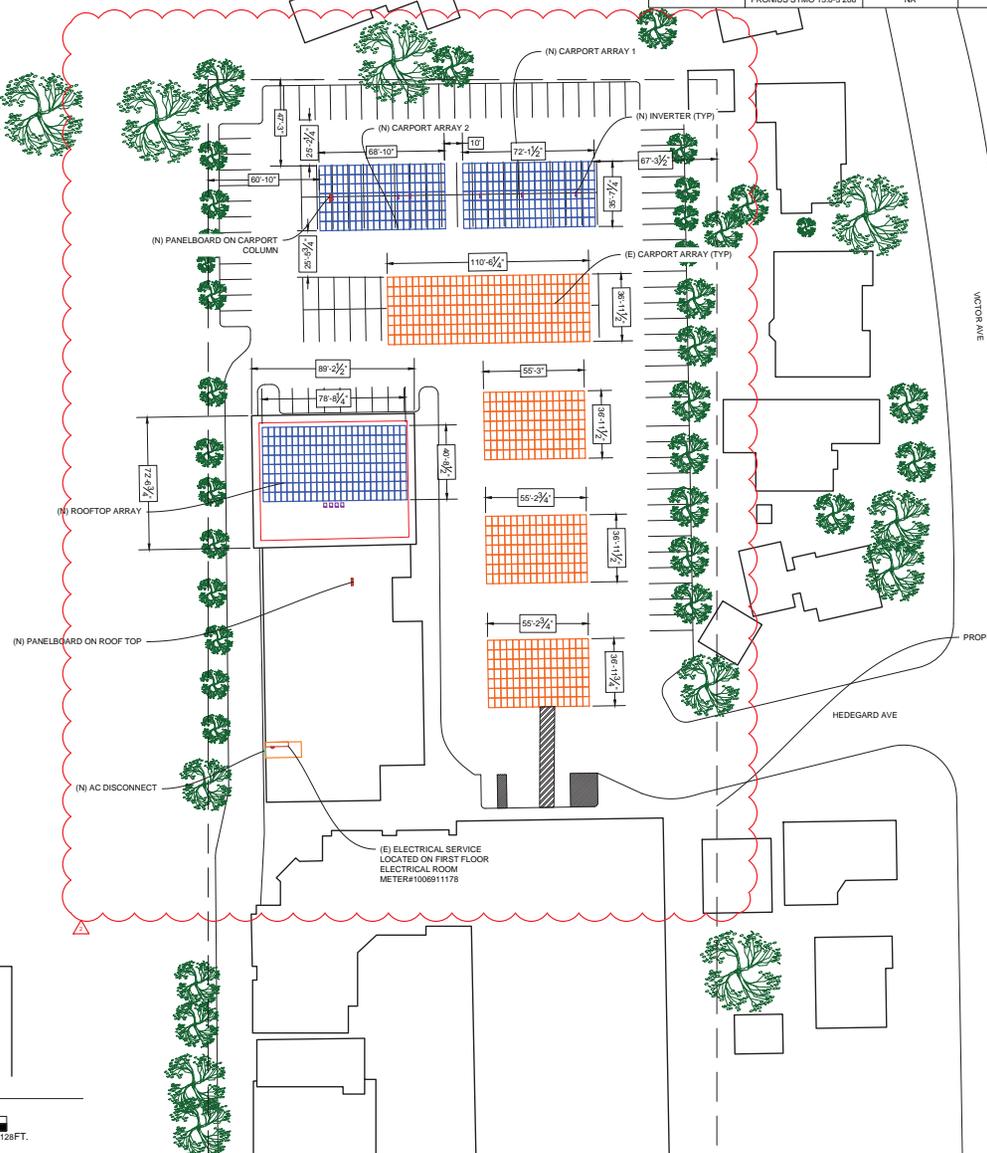
PROJECT NAME CAMPBELL CHURCH OF CHRIST - PHASE 2	1071 W CAMPBELL AVE CAMPBELL CA 95008
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DATE	SCALE	PLotted	AS NOTED
1/20/24	1/32" = 1'	1/20/24	1/20/24



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E-101



PROJECT INFORMATION		
INTERCONNECTION VOLTAGE	METER NUMBER	UTILITY NAME = PG&E
208/120 V	1086911178	AZIMUTH (DEGREE) = 179
---	---	MIN. AMBIENT TEMP = 0°C
---	---	MAX. AMBIENT TEMP = 36°C
---	---	APN = 307-51-009
---	---	---

Campbell Church of Christ
 1075 W. Campbell Ave. Campbell, CA 95008
 170.08 KW

Meter: # 1006911178
 Interconnection Type: Supply Side Connection
 Power Type: 3 Phase, 4W, 208Y/120V
 Main Breaker: PowerPac 1200A, 65KAIC @ 240
 Breaker Brand: SquareD
 Section Bus Rating: 1200A Maximum
 Modules: (493) SunPower 345W Solar Panel
 Inverters: (10) Fronius 15kW String Inverter
 Roof Racking System: Unirac Solar Mount Roll
 Carport Structure Type: Full Cantilever "T" Steel Carport Structure
 Tilt Angle(s): Rooftop 7"; Carports 7"
 Building Department County: City of Campbell

CONNECTION INFORMATION
 SCALE N.T.S.



CAMPBELL CHURCH OF CHRIST LAYOUT
 SCALE N.T.S.



PV LAYOUT AND MOBILIZATION PLAN
 SCALE N.T.S.



PV LAYOUT AND MOBILIZATION PLAN
 SCALE N.T.S.



2885 LEPER ROAD
 SAN JUAN CAPISTRANO, CA 92675
 T: 408 997-7144
 WWW.VISTA-SOLAR.COM

REV	DESCRIPTION	DATE	DRAWN	CHECKED
0	PERMIT SET	1/20/18	PL	DP
1	ADD COMMENTS	04/20/19	DP	DP
2	ADD COMMENTS	04/20/19	DP	DP
...

PROJECT NAME
 CAMPBELL CHURCH OF CHRIST - PHASE 2
 ADDRESS
 1075 W CAMPBELL AVE
 CAMPBELL
 CA 95008

EQUIPMENT CONFIGURATION PART I			
DESIGNER	CLARENCE A.	DATE	1/20/18
DRAWER	PAULINE JAKOBINS	SCALE	AS NOTED
CHECK	TRIPP HOYE	PLOT DATE	04/20/19
SIGNATURE	TRIPP HOYE	SHEET SIZE	24" X 36"



CLIENTS INITIAL

E-701

ABBREVIATIONS

ABBREVIATION	MEANING
NOTE:	ABBREVIATIONS MAY BE NOT HAVE IDENTICAL, BUT SHALL BE READ AS SAME.
A.B.	ANCHOR BOLT
A.B.C.	ADDITIONAL BASE COURSE
AI	AMERICAN CONCRETE INSTITUTE
A.C.	AIR CONDITIONER
A.F.	ASBESTOS-FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ANSI	AMERICAN IRON AND STEEL INSTITUTE
ATC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APL	AMERICAN PLYWOOD ASSOCIATION
AR	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
A.W.S.S.	AUTOMATIC WELDED HEAD
A.W.S.T.S.	AUTOMATIC WELDED THREADED STUDS
BM	BEAM
B.F.F.	BETWEEN FINISHED FLOOR
B.O.B.	BOTTOM OF BEAM
B.O.D.	BOTTOM OF DECK
B.O.F.	BOTTOM OF FOOTING
B.R.	BROW
C	CAMBER
C.C.	CENTERLINE TO CENTERLINE
C.F.S.	CENTRAL FINISHED SURFACE
C.G.	CENTER OF GRAVITY
C.I.P.	CENTERLINE TO CENTERLINE
C.L.	CENTERLINE
C.L.B.	CENTERLINE OF BEAM
C.L.C.	CENTERLINE OF COLUMN
C.L.F.	CENTERLINE OF FOOTING
C.L.W.	CENTERLINE OF WALL
CL	CLEAR
CONC	CONCRETE
CONC. C.U.	CONCRETE CONTROL JOINT
CONC. S.A.	CONCRETE SURFACE
C.M.U.	CONCRETE MASONRY UNIT
CONN.	CONNECTION
CONT.	CONTINUOUS
CONCR.	CONCRETE REINFORCING STEEL
COR.	CORNER
D.F. (D.F.L.)	DIAPHRAGM FOR LARCHE
D.L.	DEAD LOAD
DIA.	DIAMETER
DN	DOWN
DRW(S)	DRAWING(S)
E.C.	END TO CENTERLINE
E.C.S.	END TO END
E.O.	EDGE OF SLAB
EQU.	EQUAL
EQUIP.	EQUIPMENT
EXP. BOLT (E.B.)	EXPANSION BOLT
EXP. JT (E.J.)	EXPANSION JOINT
E.W.	END WALL
F.F.	FINISHED FLOOR
F.A.M.	FACE OF MEMBER
F.S.	FACE OF STEEL
F.M.	FACE OF MEMBER
G.A.	GAGE (UNIT OF MEASUREMENT)
GALL.	GALLERIES
G.S.	GENERAL STRUCTURE NOTES
GLU (GLUAW)	GLUE LAMINATED BEAM
H.C.F.	HEAVY CONCRETE
H.R.P.	HORIZONTAL REINFORCING
I.B.	INTERNATIONAL BUILDING CODE
IBC	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ICC	INTERNATIONAL CODE COUNCIL
INS.	INSULATED CONCRETE FORMS
I.O.D.	INTERPRETATION OF DRAWINGS
INT.	INTERIOR
K(R)P	1000 POUNDS
K(R)P	POUNDS PER LINEAR FOOT
LBS (s)	POUNDS
LOG	LOGS
LIGHT	LIGHT GAGE STEEL
LOGEA	LIGHT GAGE STEEL ENGINEERS ASSOCIATION
L.O.D.	LONG LENGTH DETAILS
LL	LIVE LOAD
LLV	LONG LENGTH VERTICAL
LV	LONG LEG HORIZONTAL
M	MASONRY
M.S.C.	MASONRY CONTROL JOINT
MAX.	MAXIMUM
M.B.M.	METAL BUILDING MANUFACTURERS ASSOCIATION
M.E.C.H.	MECHANICAL
M.F.P.D.	MANUFACTURED
M.F.F.'(S)	MANUFACTURER(S)
M.N.	MINIMUM
N/A	NOT APPLICABLE
NOT	NOT TO SCALE
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.P.P.	OUTSIDE FACE OF WALL
OPP.	OPPOSITE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P.C.I.	PRECAST/PRESTRESSED CONCRETE INSTITUTE
P.C.	PRECAST CONCRETE
P.C.F.	POUNDS PER CUBIC FOOT
P.F.F.	POUNDS PER LINEAR FOOT
P.F.	PLUS OR MINUS
PREFAB	PRE-FABRICATED
P.S.F.	POUNDS PER SQUARE FOOT
P.S.	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
P.T.	POST-TENSIONING INSTITUTE
REIN.	REINFORCING
SDI	STEEL DECK INSTITUTE
SH	SHORT LEG HORIZONTAL
SLV	SHORT LEG VERTICAL
SL	SIMILAR
S.S.	SQUARE
SSM	STEEL STUD MANUFACTURERS ASSOCIATION
STD.	STANDARD
STL	TOP OF
T.O.B.	TOP OF BEAM
T.O.C.T.	TOP OF CONCRETE TOPPING
T.O.D.	TOP OF DECK
T.O.F.	TOP OF FOOTING
T.O.L.	TOP OF LATEL
T.O.M.	TOP OF MASONRY
T.O.P.	TOP OF PLATE
T.O.P.C.	TOP OF PRECAST CONCRETE
T.O.S.	TOP OF WALL
T.W.	TOP OF WASTE INSTITUTE
TYP.	TYPICAL
UNIF.	UNIFORM
UNB.	UNIFORM BUILDING CODE
UNDO	UNLESS NOT OTHERWISE
VERT.	VERTICAL REINFORCING
W.C.A.	WEST COAST LUMBER ASSOCIATION
W.C.I.	WEST COAST LUMBER INSPECTION BUREAU
W.K.T.	WELDED WIRE FABRIC
W.M.P.A.	WESTERN WOOD PRODUCTS ASSOCIATION
W/P	WITH
W/C	WATER TO CEMENT RATIO
W/O	WITHOUT

GENERAL STRUCTURAL NOTES

BUILDING CODE:
2016 EDITION OF THE CALIFORNIA BUILDING CODE.

LOADS:

CRANEY DEAD LOAD = ACTUAL WEIGHT OF MEMBER.
 PAN PLATE, ETC. = 3.0 PSF (MAX)
 PURIN = 4.0 PSF
 COLUMN = 22.5 PLF

WIND:
 UNLESS NOTED OTHERWISE, ALL WINDS PER LATEST EDITION OF THE AWS STANDARDS. ALL CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON DRAWINGS IS OBSERVED.
 MAPED WIND SPEED (3-SECOND GUST), V = 110 MPH. (CASE 7-10)
 BASIC DESIGN WIND SPEED (3-SECOND GUST), V = 110 MPH. (CASE 7-10)
 RISK CATEGORY, II. (CASE 7-10)
 EXPOSURE B.

WIND LOAD FOR 10 DEGREE MAX SLOPE. (THESE VALUES ARE BEFORE MULTIPLYING BY 0.6 FACTOR IN LOAD COMBINATIONS)
 CASE WIND LOAD = 30.8 PSF (TOWARD THE SURFACE).
 CASE WIND LOAD = -35.6 PSF (AWAY FROM THE SURFACE).
 WINDS WIND LOAD = 19.3 PSF / 29.2 PSF (TOWARD THE SURFACE).
 WINDS WIND LOAD = -35.0 PSF / -14.0 PSF (AWAY FROM THE SURFACE).

SEISMIC:

SEISMIC IMPORTANCE FACTOR, I = 1.0
 RISK CATEGORY II. (CASE 7-10)
 MAPPED SEISMIC HAZARD SPECTRAL ACCELERATION, S_a = 1.78/g
 SOIL SITE CLASS, S_w = 1.0
 BASIC SEISMIC FORCE-RESISTING SYSTEM = CANTILEVERED COLUMN SYSTEMS DETAIL TO CONFORM TO THE REQUIREMENTS FOR DUCTILE STEEL MOMENT FRAMES.
 DESIGN SECOND SPECTRAL ACCELERATION, S_d = 0.94/g
 DESIGN SECOND SPECTRAL ACCELERATION, S_d = 0.94/g
 DESIGN MODIFICATION FACTOR, I = 1.25
 ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE PROCEDURE

FOUNDATIONS:

SOIL REPORT BY BERLOGAR STEVENS & ASSOCIATES, JOB NO. 361.200.
 ALLOWED LATERAL BEARING PRESSURE = 350 PSF/FT FOR DRILLED PIER FOOTINGS. THE DRILLED PIER FOOTINGS ARE DESIGNED AS UNRESTRAINED (SECTION 1807.3.2.2 (1805.7.2.2.06 IBC)). FLAGLATION IS 33 WHERE PLACED IN CONCRETE AREAS, AS PARTIALLY CONFINED (BRIDGE OF CONCRETE AND UNCONFINED) WHERE PLACED IN ASPHALT AREAS AND AS UNCONFINED (CONCRETE) WHEN NOT PLACED IN CONCRETE OR ASPHALT AREAS.
 SPREAD FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL 2'-0" FEET MINIMUM BELOW ADJACENT EXISTING GRADE. DESIGN SOIL BEARING VALUE = 2,000 PSF. REFER TO SOILS REPORT FOR ADDITIONAL INFORMATION PRIOR TO COMMENCEMENT OF EARTHWORK. SOILS ENGINEER SHALL INSPECT FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE:

SPECIFIED 28 DAY COMPRESSIVE STRENGTH F_c
 FOUNDATIONS ----- 2,500 PSI

GENERAL:
 ALL CAST-IN-PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE ACI 318. REINFORCING BARS SHALL BE PLACED AS SHOWN UNLESS NOTED OTHERWISE. CONCRETE MIXTURES CONTAINING ADMIXTURES SHALL NOT BE USED. NO OTHER ADMIXTURES PERMITTED WITHOUT APPROVAL. FOR CONCRETE MIXTURES PLACED IN MAXIMUM SLUMP 4" 1/2" AT POINT OF PLACEMENT UNLESS, IF PLASTICIZER IS USED, A HIGHER FINAL SLUMP MAY BE ALLOWED UPON THE ENGINEER'S APPROVAL.
 FOR REINFORCING INFORMATION, SEE REINFORCING SECTION OF G.S.N., PLANS, SCHEDULES AND DETAILS.
 FLY ASH - SHALL BE LIMITED TO 50% OF TOTAL CEMENTITIOUS MATERIALS BY WEIGHT.
 TEST DATA FOR EACH CONCRETE MIX SHALL BE SUBMITTED FOR REVIEW PER CHAPTER 8 OF ACI 318. REFERENCE TO ACI 318 FOR SUBMITTAL REQUIREMENTS AND OPTIONS. CONCRETE MIX DESIGNS THAT ARE SUBMITTED WITHOUT THE APPROPRIATE TEST DATA CANNOT BE REVIEWED.
 IT IS ACCEPTABLE AND INTENDED TO USE START OUTS FOR THE DRILLED PIER FOOTING AND PIER FOUNDATIONS. THE FOOTING DESIGNS INDICATED IN THESE DRAWINGS DO NOT APPLY IF THE EARTH OUTS ARE UNSTABLE AND/OR DO NOT EXCEED ON THEIR OWN.
 NO FOOTINGS INDICATED IN THESE DRAWINGS DO NOT APPLY WHERE ORGANIC FILL MATERIALS EXIST.
 CONCRETE SHALL BE ADEQUATELY VIBRATED AROUND THE EMBEDDED STEEL COLUMN TO ENSURE THE CONCRETE IS COMPLETELY SURROUNDING THE STEEL COLUMN. CONCRETE SHALL SLOPE UP SLIGHTLY TOWARDS COLUMN TO PREVENT WATER FROM PENETRATING AROUND COLUMNS.
 SLABS ON GRADE AND SLAB FOOTINGS AT GRADE (E.G. INVERTER SLAB/FOUNDATION) SHALL BE VIBRATED ONLY AT TRENCHES, FLOOR CUTS, TURNINGS, ETC. MIX DESIGNS SHALL TAKE CARE TO PROVIDE THE LARGEST POSSIBLE SIZE OF COURSE AGGREGATE WHILE MAINTAINING CONCRETE WORKABILITY. NOMINAL MAXIMUM AGGREGATE SIZE SHALL NOT BE LESS THAN 3/4 INCH NOR MORE THAN 1/3 THE DEPTH OF THE SLAB. MIX DESIGNERS SHALL SUBMIT SLAB ON GRADE DESIGNS WITH SHRINKAGE CHARACTERISTICS NOT EXCEEDING 0.00075 IN/IN TO MEET THE REQUIREMENTS OF AC 308R OR 708G FOR TYPICAL CONCRETE. SLABS SHALL BE PLACED ON A FLAT, SMOOTH, FIRM, COMPACTED SUBGRADE.
 IT IS ACCEPTABLE FOR CONCRETE TO FREE FILL INTO THE DRILLED PIER OR SPREAD FOOTINGS. THE GOAL OF THE CONSTRUCTION WITH DRILLED PIERS AND SPREAD FOOTINGS IS TO HAVE CONCRETE WELL PLACED WITH MINIMAL VOIDS AND GOOD CONSOLIDATION (i.e. MINIMAL SEGREGATION OF THE AGGREGATE).

MES	GAGE NO.	MIN DELIVERED THICKNESS	DESIGN THICKNESS	OTHER RADII(S)
12	30	0.0120"	0.0128"	(0.0500"/0.1250")
13	28	0.0130"	0.0139"	(0.0500"/0.1250")
16	28	0.0174"	0.0183"	(0.0500"/0.1250")
33	25	0.0236"	0.0254"	(0.0500"/0.1250")
43	18	0.0447"	0.0470"	(0.0008"/0.1410")
54	18	0.0561"	0.0590"	(0.0750"/0.1700")
68	14	0.0713"	0.0750"	(0.0938"/0.2300")
97	12	0.0988"	0.1050"	(0.1213"/0.3100")
118	10	0.1283"	0.1350"	(0.1688"/0.4000")
130	9	0.1500"	0.1500"	(0.1875"/0.4000")

REINFORCING:
 ALL REINFORCING PER DSS SPECIFICATIONS AND HANDBOOK. ASTM A615 (F_y = 60 KSI / GRADE 60) DEFORMED BARS FOR ALL BARS, UNLESS SHOWN ON DRAWINGS ALL GRADE 60 REINFORCING TO BE USED. REINFORCING BARS SHALL BE 1/2" TACK WELDING OF REINFORCING BARS ALLOWED WITHOUT PERFORMING PROCEDURE WITH THE STRUCTURAL ENGINEER. LATEST ACI CODE AND INSTALLING MANUAL APPLY. CLEAR CONCRETE COVERAGES AS FOLLOWS:
 CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ----- 3"
 EXPOSED TO EARTH OR WEATHER ----- 1 1/2"
 #6 AND SMALLER ----- 1 1/2"
 ALL OTHER PER LATEST EDITION OF ACI 308.
 ALL REINFORCING SHALL BE CHANGED TO ENSURE PROPER CLEARANCES, SUPPORT OF FOUNDATION REINFORCING MUST PROVIDE PROTECTION FROM MOISTURE/CORROSION BY USE OF A PLASTIC OR CONCRETE CHAIR. CHAIR-TYPE COVERING IS NOT AN ACCEPTABLE CHAIR.
 ALL DIMENSIONS REFERENCED IN DRAWINGS AS "CLEAR" SHALL BE FROM FACE OF STRUCTURE TO EDGE OF REINFORCING, AND SHALL NOT BE LESS THAN 1" MINUS 1/4" TYPICAL UNLESS NOTED OTHERWISE.
 FILL BENDING OR STRAIGHTENING OF DEFORMED BARS SHALL BE LIMITED TO #6 BARS AND SMALLER AND SHALL BE FIELD BENT OR STRAIGHTENED ONLY. ANY BEND SHALL BE LIMITED TO 90 DEGREES. IF FIELD BENDING OR STRAIGHTENING OF #6 BARS OR LARGER IS APPLIED FOR BENDING OR STRAIGHTENING, CONTRACTOR SHALL SUBMIT PROCEDURE FOR APPLYING TO AN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BENDING OR STRAIGHTENING BARS.

STRUCTURAL STEEL:
GENERAL:
 ALL CONSTRUCTION PER LATEST AISC STEEL CONSTRUCTION MANUAL. ALL MISCELLANEOUS STEEL UNLESS NOTED OTHERWISE SHALL BE ASTM A36 (F_y = 36 KSI). IF CALLED OUT ON PLANS, F_y = 50 KSI PLATE STEEL SHALL BE ASTM A572 OR A572.
 ALL STRUCTURAL ROLLED STEEL MEMBERS WITH F_y GREATER THAN 36 KSI ARE TO BE IDENTIFIED WITH AN AISC SPECIFICATION MARK OR THE PER ACI 308.2003.
 PROTECT ALL EXPOSED STEEL BELOW GRADE WITH 10% ASPHALT EMULSION PRODUCT. ENSURE A MINIMUM OF 2 INCHES ABOVE FINISHED GRADE.

BOLTS:

ALL BOLTS SHALL BE ASTM A325 (TYPE I) OR ASTM A490 (TYPE II) SHALL BE TESTED AND INSTALLED AS SLIP CRITICAL CONNECTIONS WITH THREADS INCLUDED IN SHEAR PLANE. BOLT INSTALLATION SHALL BE PER THE 2009 AISC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS. HIGH STRENGTH WASHERS WHERE NOTED SHALL BE PER ASTM F436 (TYPE 1), D7 WASHERS SHALL BE PER ASTM F596. NUTS SHALL BE PER ASTM A663 GRADE 4 OR ASTM A308 GRADE 4. IT IS ACCEPTABLE TO USE OVERSIZE HOLES OR SLIGHT HOLES PER AISC SPECIFICATIONS.
 WHERE THE ASTM A308 BOLTS ARE TO BE GALVANIZED, THE BOLT AND NUTS SHALL BE GALVANIZED WITH THE SAME PROCESS TO ENSURE THE THREADS MATCH.
WELDING:
 UNLESS NOTED OTHERWISE, ALL WELDS PER LATEST EDITION OF THE AWS STANDARDS. ALL CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON DRAWINGS IS OBSERVED. ALL WELDING SHALL BE PER THE LATEST EDITION OF THE AWS STANDARDS. ALL WELDING SHALL BE PER THE LATEST EDITION OF THE AWS STANDARDS. ALL WELDING SHALL BE PER THE LATEST EDITION OF THE AWS STANDARDS. ALL WELDING SHALL BE PER THE LATEST EDITION OF THE AWS STANDARDS.

LATERAL:

ALL DIMENSIONS REFERENCED IN DRAWINGS AS "CLEAR" SHALL BE FROM FACE OF STRUCTURE TO EDGE OF REINFORCING, AND SHALL NOT BE LESS THAN 1" MINUS 1/4" TYPICAL UNLESS NOTED OTHERWISE.
 FILL BENDING OR STRAIGHTENING OF DEFORMED BARS SHALL BE LIMITED TO #6 BARS AND SMALLER AND SHALL BE FIELD BENT OR STRAIGHTENED ONLY. ANY BEND SHALL BE LIMITED TO 90 DEGREES. IF FIELD BENDING OR STRAIGHTENING OF #6 BARS OR LARGER IS APPLIED FOR BENDING OR STRAIGHTENING, CONTRACTOR SHALL SUBMIT PROCEDURE FOR APPLYING TO AN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BENDING OR STRAIGHTENING BARS.

SCREW FASTENERS:

ALL SCREWS 1/4" MIN. LENGTH U.N.O.
 ALL SCREWS SHALL BE RATED FOR EXTERIOR EXPOSURE (E. MECHANICAL PLATED, GALVANIZED OR METALIZING).
 ALL STEEL SCREWS SHALL BE IN ACCORDANCE WITH AISI-GENERAL AND AISI-NAM. F_y = 50 ksi AND FT = 70 ksi FOR ALL SCREWS.

MINIMUM SPACING OF SCREWS SHALL NOT BE LESS THAN 3 TIMES THE NOMINAL DIAMETER. MINIMUM EDGE DISTANCE FOR SCREWS SHALL NOT BE LESS THAN 1.5 TIMES THE NOMINAL SCREW DIAMETER.
 THE HEAD OF THE SCREW OR WASHER SHALL HAVE A DIAMETER, D.W. OF NOT LESS THAN 5/16". WASHERS SHALL BE AT LEAST 0.02" THICK.
 SCREW NUMBER DESIGNATION: 8 10 (12-14) 14
 NOMINAL DIAMETER: 0.164" 0.197" 0.218" 0.250"

COLD FORMED STRUCTURAL STEEL FRAMING:

ALL COLD FORMED STRUCTURAL STEEL FRAMING AND COMPONENTS INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE FABRICATED AND ERCTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE LATEST EDITION OF AISC'S "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
GENERAL:
 ALL STEEL PILES AND STEEL PLATE WASHERS SHALL BE HOT DIP GALVANIZED PER ASTM A653/A655, WITH A MINIMUM G60 THICKNESS.
 STEEL SHEETS USED FOR PURLINS AND RAFTER SHALL BE GALVANIZED PER ASTM A653/A655, WITH A MINIMUM G60 THICKNESS.
 ALL WELDING TO BE PERFORMED BY WELDERS HOLDING A VALID CERTIFICATE AND HAVING CURRENT EXPERIENCE IN LIGHT GAUGE STEEL. CERTIFICATES SHALL BE ISSUED BY AN ACCEPTED TESTING AGENCY. DO NOT NOTCH FLANGES OF MEMBERS WITHOUT EXPRESSED APPROVAL OF THE ENGINEER OF RECORD. ALL WELDING TO BE PERFORMED IN AN APPROVED FABRICATORS SHOP.
 COLD FORMED STRUCTURAL STEEL MEMBERS SHALL HAVE A MINIMUM YIELD STRENGTH OF F_y = 50,000 PSI. COLD FORM STRUCTURAL STEEL SHALL BE GALVANIZED PER ASTM A653 WITH A MINIMUM COATING DESIGNATION OF G60. THE GRADE AND THE ASTM SPECIFICATION NUMBER OR OTHER SPECIFICATION DESIGNATION SHALL BE INDICATED BY PAINTING, DECAL, TAGGING OR OTHER SUITABLE MEANS ON EACH MEMBER OF FABRICATED ELEMENTS. IT IS ACCEPTABLE TO USE THE F_y SYMBOL ON THE MILL CERTIFICATION IN LIEU OF THE "DESIGN" F_y.
 THE STEEL PURLINS DO NOT HAVE TO BEAR DIRECTLY ON THE STEEL BEAMS. IT IS ACCEPTABLE AND COMMON FOR THE PURLINS TO NEED TO BE RAISED A LITTLE (1/2" MAXIMUM) TO ASSIST IN LEVING AND TRUSSING THE STRUCTURE. THE LOAD BETWEEN THE PURLIN AND THE BEAM IS TRANSFERRED ENTIRELY THROUGH THE SCREWS CONNECTING THE PURLIN TO THE PURLIN CLIP. THE PURLIN DOES NOT NEED TO BEAR ON THE BEAM.

GENERAL NOTES:

THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. EXCEPT WHERE NOTED, 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. THE STRUCTURAL ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO UNLESS SHOWN OTHERWISE IN WRITTEN INSTRUMENTS OF SERVICE. INSPECTION OF THESE ITEMS).
 WHERE REFERENCE IS MADE TO HANDBOOK TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDA. ANY ENGINEERING DESIGN, PROVIDED BY THE CONTRACTOR AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A REGISTERED ENGINEER RECOGNIZED BY THE BUILDING CODE JURISDICTION OF THIS PROJECT.
 NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.
 CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS AND SHALL RESOLVE ANY DISCREPANCY PRIOR TO START OF CONSTRUCTION. WITH THE ARCHITECT, ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR CIVIL, PLUMBING AND ELECTRICAL TRADES WITH THE APPROPRIATE TRADE DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.
 TYPICAL DETAILS MAY NOT NECESSARILY BE OUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.
 CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAME CONSTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
 OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, APPROVALS AND THE COORDINATION OF THE WORK WITH RELATED TRADES AND SUPPLIERS.
 DESIGN MODIFICATION FACTOR, I = 1.25
 ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE PROCEDURE

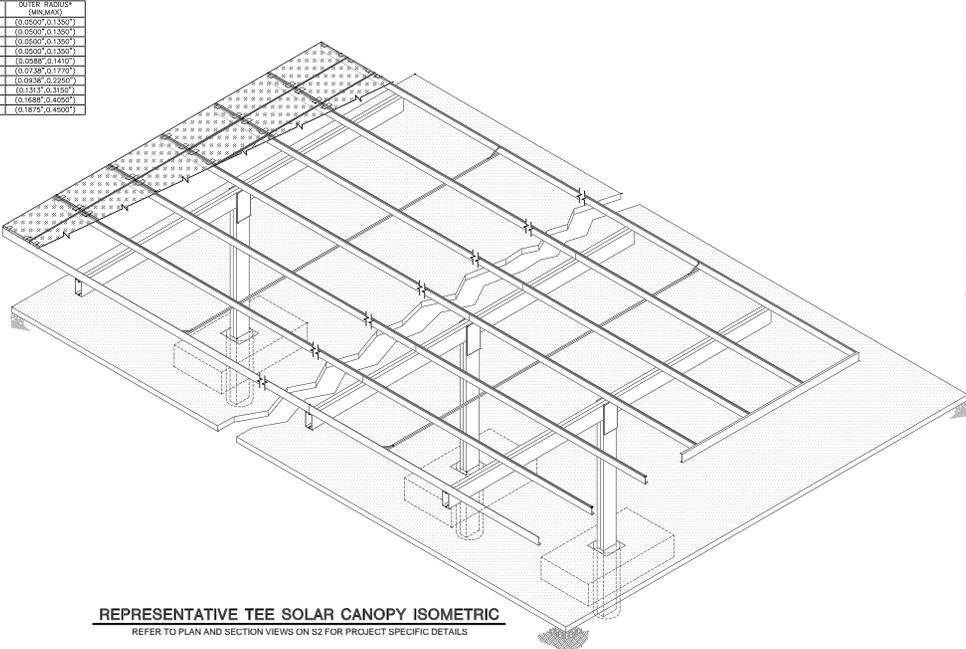
SPECIAL INSPECTION - STRUCTURAL ONLY:

FOR SPECIAL STRUCTURAL INSPECTIONS:
 CONTACT CARUSO TURLEY SCOTT, INC. AT 480-774-1700 PRIOR TO CONSTRUCTION.
 SPECIAL INSPECTION IS TO BE PROVIDED FOR THE ITEMS LISTED BELOW IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE BUILDING INSPECTOR. "SPECIAL STRUCTURAL INSPECTION" SHALL NOT BE THE OWNER OR THEIR AGENT FROM REQUESTING THE BUILDING INSPECTION CONDUCTED BY SECTION 199 OF THE INTERNATIONAL BUILDING CODE. SPECIAL INSPECTION IS REQUIRED PER CHAPTER 17 FOR THE FOLLOWING:
CONCRETE CONSTRUCTION:
 1. CONCRETE/SEAL EXCEPTION BASED ON F_c = 2,500 PSI.
 A. NO INSPECTION IS REQUIRED FOR THE PLACEMENT OF FOUNDATION CONCRETE. INSPECTION OF FOUNDATION REINFORCING AND ANCHOR BOLTS IS REQUIRED PER "FOUNDATION STEEL" SECTION BELOW.
 2. REINFORCING STEEL: INSPECTION OF IN-PLACE REINFORCING FOR CONFORMANCE PRIOR TO THE CLOSING OF FORMS OR THE DELIVERY OF CONCRETE TO THE JOBSITE FOR THE FOLLOWING:
 A. REINFORCING FOR ALL CONCRETE REQUIRED TO HAVE INSPECTION NOTED ABOVE.
 B. REINFORCING FOR SPREAD FOOTING CONCRETE FOUNDATIONS.

STEEL CONSTRUCTION:

1. WELDING:
 A. PERIODIC VISUAL INSPECTION OF ALL FIELD WELDS.
 B. CONTINUOUS INSPECTION OF ALL MULTIPASS FILLET WELDS OR SINGLE PASS FILLET WELDS LARGER THAN 5/16".
 C. NON-DESTRUCTIVE TESTING OF ALL COMPLETE PENETRATION WELDS BY AN AWS CERTIFIED INDEPENDENT TESTING LABORATORY AT THE CONTRACTOR'S EXPENSE.
 D. VERIFICATION OF VALID WELDER'S CERTIFICATES.
 E. ALL STRUCTURAL STEEL FABRICATORS SHALL EMPLOY AN AWS CERTIFIED INDEPENDENT TESTING LAB TO PROVIDE SHOP WELD INSPECTION PER CODE. INSPECTION REPORTS SHALL BE SUBMITTED TO ENGINEER OF RECORD PRIOR TO STEEL INSTALLATION.
 2. STEEL FRAMES: VERIFICATION OF BRACING, SHIFTTING, MEMBER LOCATIONS, AND PROPER JOINT DETAIL APPLICATION AT ALL STEEL FRAME CONNECTIONS.
 3. HIGH STRENGTH BOLTING:
 A. VERIFICATION OF PROPER BOLT INSTALLATION AND PRETENSIONING FOR ASTM A325 SLIP CRITICAL BOLTS.
DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN IT CONFORMS TO THE APPROVED DESIGN DRAWINGS AND SPECIFICATION.
 B. THE SPECIAL INSPECTOR IS NOT AUTHORIZED TO APPROVE DEVIATIONS FROM THE DESIGN DRAWINGS OR SPECIFICATIONS, AND ALL DEVIATIONS MUST BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PROCEEDING WITH THE WORK.
 C. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ENGINEER OR ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, TO THE DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
 D. CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR ACCESS TO ALL ITEMS REQUIRED FOR SPECIAL INSPECTION. ACCESS SHALL BE PROVIDED BY IN-PLACE LADDERS, SCAFFOLDS, LIFTS AND/OR OTHER EQUIPMENT OPERATED BY THE CONTRACTOR'S PERSONNEL AS REQUIRED FOR SAFE OBSERVATION. INSPECTOR IS NOT RESPONSIBLE OR AUTHORIZED TO OPERATE CONTRACTOR'S EQUIPMENT.
 E. UPON COMPLETION OF THE ASSIGNED WORK, THE ENGINEER OR ARCHITECT SHALL COMPLETE AND SIGN THE APPROPRIATE FORMS CERTIFYING THAT TO THE BEST OF THEIR KNOWLEDGE THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

Applies unless noted otherwise on drawings



REPRESENTATIVE TEE SOLAR CANOPY ISOMETRIC

REFER TO PLAN AND SECTION VIEWS ON S2 FOR PROJECT SPECIFIC DETAILS

THESE DRAWINGS CALCULATIONS ARE CONSIDERED PRELIMINARY - NOT FOR CONSTRUCTION OR RECORDING, UNLESS THE STRUCTURAL ENGINEER OF RECORD'S SEAL IS APPLIED WITH WRITTEN SIGNATURE.

GENERAL STRUCTURAL NOTES

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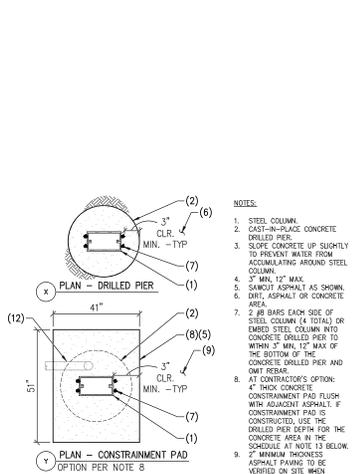
1963 - 2018

55 YEARS OF EXCELLENCE

CARUSO-TURLEY-SCOTT

STEEL CANOPY STRUCTURE
 CAMPBELL CHURCH PHASE II
 1075 W. CAMPBELL AVE
 CAMPBELL, CA. 95008

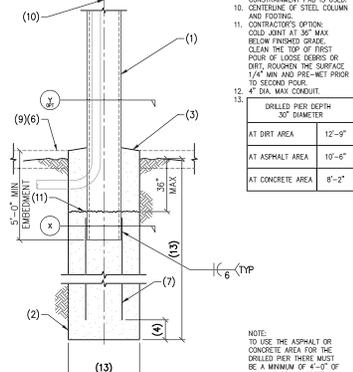
JOB NUMBER: 18-1858
 DRAWN BY: ELG
 ENGINEER: ATB
 (CHECKED) SCALE:
 TET AS NOTED
 DATE: 12.06.2018
 SHEET: S1



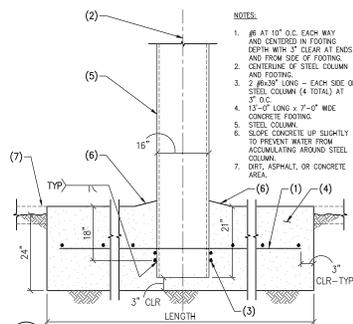
- NOTES:**
- STEEL COLUMN.
 - CAST-IN-PLACE CONCRETE DRILLED PIER.
 - SLOPE CONCRETE UP SLIGHTLY TO PREVENT WATER FROM ACCUMULATING AROUND STEEL COLUMN.
 - 3" MIN. 12" MAX.
 - SMOOT ASPHALT AS SHOWN.
 - DIRT, ASPHALT OR CONCRETE AREA.
 - 2 #8 BARS EACH SIDE OF STEEL COLUMN (4 TOTAL) OR EMBED STEEL COLUMN INTO CONCRETE DRILLED PIER TO WITHIN 3" MIN. 12" MAX OF THE BOTTOM OF THE CONCRETE DRILLED PIER AND GIRT BEAM.
 - AT CONTRACTOR'S OPTION: 4" THICK CONCRETE CONSTRAINT PAD FLUSH WITH ADJACENT ASPHALT IF CONSTRAINT PAD IS CONSTRUCTED, USE THE DRILLED PIER DEPTH FOR THE CONCRETE AREA IN THE SCHEDULE AT NOTE 13 BELOW.
 - 2" MINIMUM THICKNESS ASPHALT FINISH TO BE VERIFIED ON SITE WHEN CONSTRAINT PAD IS USED.
 - CENTRALISE OF STEEL COLUMN AND FOOTING.
 - CONTRACTOR'S OPTION: GILD JOINT AT TOP OF FIRST POUR OF LOOSE UBERS OR DIRT, ROUGHEN THE SURFACE 1/4" MIN AND PRE-NET PRIOR TO SECOND POUR.
 - 4" DIA. MAX CONDUIT.
 - DRILLED PIER DEPTH 30" DIAMETER

AT DIRT AREA	12'-9"
AT ASPHALT AREA	10'-6"
AT CONCRETE AREA	8'-2"

NOTE:
TO USE THE ASPHALT OR CONCRETE AREA FOR THE DRILLED PIER THERE MUST BE A MINIMUM OF 4'-0" OF ASPHALT OR CONCRETE OUTSIDE OF THE DRILLED PIER OR CONSTRAINT PAD.

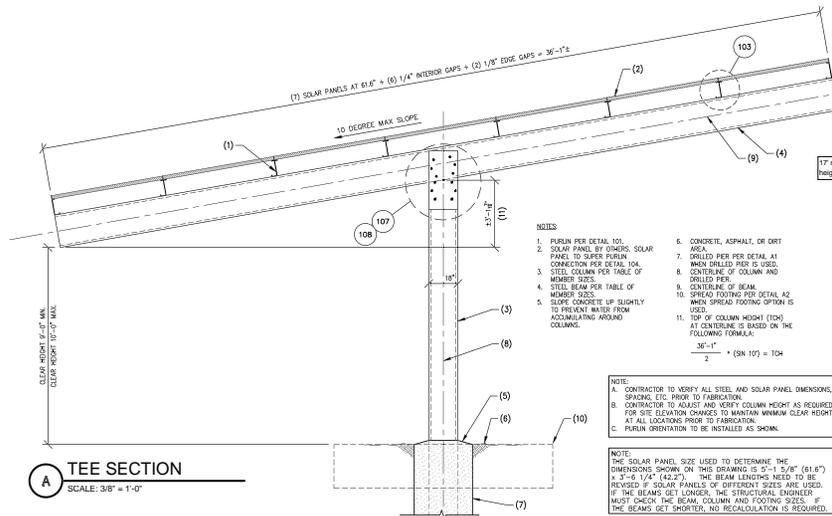


18-1858 NO SCALE



- NOTES:**
- #8 AT 10" O.C. EACH WAY AND CENTERED IN FOOTING DEPTH WITH 3" CLEAR AT ENDS AND FROM SIDE OF FOOTING.
 - CENTRALISE OF STEEL COLUMN AND FOOTING.
 - 2 #8@30" LONG - EACH SIDE OF STEEL COLUMN (4 TOTAL) AT 3" O.C.
 - 12'-0" LONG x 7'-0" WIDE CONCRETE FOOTING.
 - STEEL COLUMN.
 - SLOPE CONCRETE UP SLIGHTLY TO PREVENT WATER FROM ACCUMULATING AROUND STEEL COLUMN.
 - DIRT, ASPHALT, OR CONCRETE AREA.

18-1858 NO SCALE



- NOTES:**
- PURLIN PER DETAIL 101.
 - SOLAR PANEL BY OTHERS, SOLAR PANEL TO SUPER PURLIN CONNECTION PER DETAIL 104.
 - STEEL COLUMN PER TABLE OF MEMBER SIZES.
 - STEEL BEAM PER TABLE OF MEMBER SIZES.
 - SLOPE CONCRETE UP SLIGHTLY TO PREVENT WATER FROM ACCUMULATING AROUND COLUMN.
 - CONCRETE, ASPHALT, OR DIRT AREA.
 - DRILLED PIER PER DETAIL AS WHEN DRILLED PIER IS USED.
 - CENTRALISE OF COLUMN AND DRILLED PIER.
 - CENTRALISE OF COLUMN AND DRILLED PIER.
 - SPREAD FOOTING PER DETAIL AS WHEN SPREAD FOOTING OPTION IS USED.
 - TOP OF COLUMN HOIST (TCH) AT CENTRALISE IS BASED ON THE FOLLOWING FORMULA:
$$\frac{36'-1"}{2} + (SN 107) = 104$$

NOTE:
A. CONTRACTOR TO VERIFY ALL STEEL AND SOLAR PANEL DIMENSIONS, SPACING, ETC. PRIOR TO FABRICATION.
B. CONTRACTOR TO ADJUST AND VERIFY COLUMN HEIGHT AS REQUIRED FOR SITE ELEVATION CHANGES TO MAINTAIN MINIMUM CLEAR HEIGHT AT ALL LOCATIONS PRIOR TO FABRICATION.
C. PURLIN ORIENTATION TO BE INSTALLED AS SHOWN.

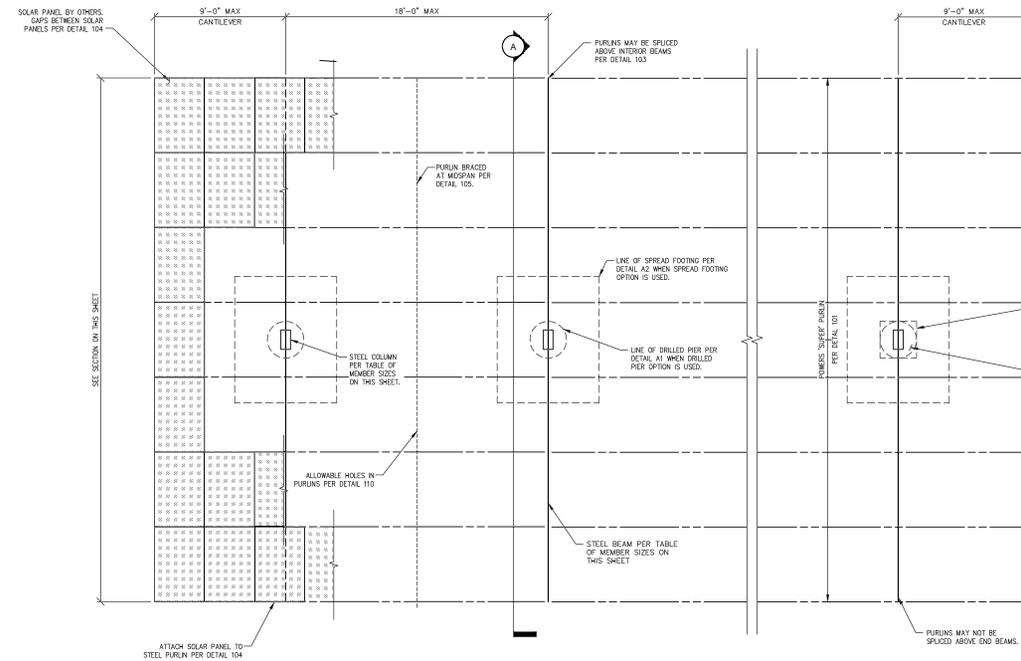
NOTE:
THE SOLAR PANEL SIZE USED TO DETERMINE THE DIMENSIONS SHOWN ON THIS DRAWING IS 5'-1 5/8" (61.6") x 3'-6 1/4" (42.2"). THE BEAM LENGTHS NEED TO BE REVISED IF SOLAR PANELS OF DIFFERENT SIZES ARE USED. IF THE BEAMS GET LONGER, THE STRUCTURAL ENGINEER MUST CHECK THE BEAM, COLUMN AND FOOTING SIZES, IF THE BEAMS GET SHORTER, NO RECALCULATION IS REQUIRED.

TABLE OF MEMBER SIZES
(NO SCALE)

BEAM SIZE

COLUMN SIZE

NOTE: NO WELD IS REQUIRED AT END OF COLUMN WHERE THE COLUMN CONNECTS WITH THE BEAM AND NO WELD IS REQUIRED AT THE END OF THE BEAM WHERE THE PURLIN CLIP OCCURS.



SOLAR PANEL BY OTHERS, GAPS BETWEEN SOLAR PANELS PER DETAIL 104

9'-0" MAX CANTILEVER

18'-0" MAX

9'-0" MAX CANTILEVER

PURLINS MAY BE SPLICED ABOVE INTERIOR BEAMS PER DETAIL 103

PURLIN BRACED AT MIDSPAN PER DETAIL 105

LINE OF SPREAD FOOTING PER DETAIL AS WHEN SPREAD FOOTING OPTION IS USED.

STEEL COLUMN PER TABLE OF MEMBER SIZES ON THIS SHEET.

ALLOWABLE HOLES IN PURLINS PER DETAIL 110

ATTACH SOLAR PANEL TO STEEL PURLIN PER DETAIL 104

STEEL BEAM PER TABLE OF MEMBER SIZES ON THIS SHEET

PURLINS MAY NOT BE SPLICED ABOVE END BEAMS.

CONTRACTOR'S OPTION: 30" SQUARE TOP OF DRILLED PIER DUE TO SAW CUTTING ASPHALT TO ALLOW DRILLING OF FOOTING.

SLOPE CONCRETE UP SLIGHTLY TO PREVENT WATER FROM ACCUMULATING AROUND COLUMNS.

SEE DETAIL 100 FOR END CAP AT BOTH ENDS OF STRUCTURE.

THESE DRAWINGS CALCULATIONS ARE CONSIDERED PRELIMINARY - NOT FOR CONSTRUCTION OR RECORDS, UNLESS THE STRUCTURAL ENGINEER OF RECORD'S SEAL IS APPLIED WITH WRITTEN SIGNATURE.

PLAN AND SECTIONS

CAMPBELL CHURCH PHASE II
1075 W CAMPBELL AVE
CAMPBELL, CA 95008

CIVISTA SOLAR

REVISIONS:

JOB NUMBER: 18-1858
DRAWN BY: ELG
CHECKED BY: ATB
DESIGNED BY: TET
SCALE: AS NOTED
DATE: 12.06.2018
SHEET: S2

CARUSO TURLEY SCOTT INC.
consulting structural engineers
1215 W. Rio Salado Pkwy
Suite 200
Tempe, Arizona 85281
(480) 714-1700
(480) 714-1701 FAX
www.ctsaz.com

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CARUSO - TURLEY - SCOTT

1075 W. CAMPBELL AVE REVISED PLANS

BLD2011-01227

307-51-009

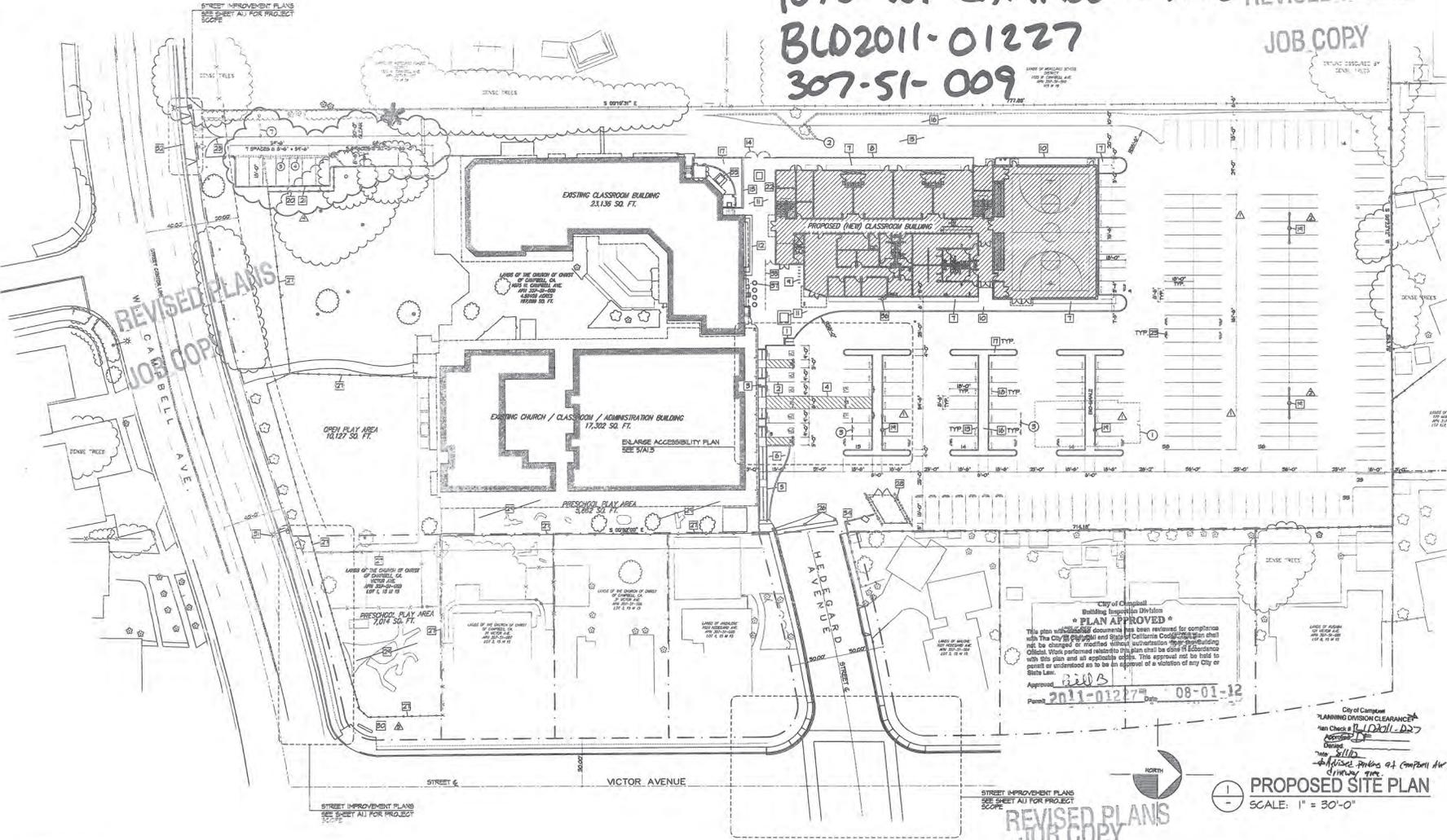
JOB COPY

CAMPBELL
CHRISTIAN SCHOOLS

1075 WEST CAMPBELL AVENUE
CAMPBELL, CALIFORNIA 95008



THE WILLIAMS GROUP ARCHITECTS
ARCHITECTURE AND INTERIOR DESIGN
111 WEST ST. JOHN STREET
SUITE 950
SAN JOSE, CALIFORNIA 95113
408.298.7800 FAX 408.298.4245



NO.	DESCRIPTION	DATE
1	PLANNING SUBMITTAL	08-01-12
2	PLANNING SUBMITTAL	08-01-12
3	BUILDING SUBMITTAL	08-01-12
4	BUILDING DEPARTMENT COMMENTS	08-01-12
5	PLAN CHECK COMMENTS #2	08-01-12
6	REVISION	08-01-12
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City of Campbell
Building Inspection Division
PLAN APPROVED
This plan and all associated documents have been reviewed for compliance with the City of Campbell and State of California Code of Ordinances and shall not be changed or modified without authorization from the Building Inspection Division. Obsolete work performed relative to this plan shall be done in accordance with this plan and all applicable codes. This approval shall be void if not used as intended or as a result of a violation of any City or State Law.
Approved: *[Signature]*
Printed: 2011-01227 Date: 08-01-12

City of Campbell
LAWRENCE SIMON CLEARANCE
New Check # BLD2011-027
Approved
Date: 08-01-12
Approved Parking at Campbell Ave.
 driveway area.

PROPOSED SITE PLAN
SCALE: 1" = 30'-0"

GENERAL SHEET NOTES

- REFER TO SHEET A-1 (EMPHASIZED SITE PLAN - STREET IMPROVEMENT PLANS) FOR STREET AND SIDEWALK IMPROVEMENT DIMENSIONS AND IDENTIFICATION
- REFER TO SHEET A-2A (ENLARGE SITE PLAN - BUILDING PERIMETERS) FOR ADDITIONAL SIDEWALK AND PLANTING INFORMATION

REVISION NOTES

1. REMOVE AND RELOCATE EXISTING STORAGE BUILDING CLEAR ROADWAY AND REMOVE OR CAN ALL UTILITIES TO STRUCTURE. PREPARE GROUND FOR IN ASPHALT CONC. PAVING.
2. REMOVE AND RELOCATE EXISTING CONC. CURBS AND ASPHALT PAVING FOR CONSTRUCTION OF NEW PER PLAN.
3. REMOVE AND RELOCATE EXISTING CONC. DRIVE LIGHT STANDARD, CONG. BASE AND FOUNDATION. REMOVE ELEC. RINGS. SERVICE PER NEW STANDARD LOCATION.
4. REMOVE AND RELOCATE (B) CONC. CURBS.
5. REMOVE (B) STEEL FENCE. SAVE TO BE REINSTALLED PER PLAN. REMOVE AND REMOVE (B) CONC. FOOTINGS.
6. REMOVE AND REMOVE (B) CONC. SLAB.
7. REMOVE AND RELOCATE (B) GATE AND POSTS TO NEW LOCATION INDICATED.

CONSTRUCTION NOTES

1. ACCESSIBLE CURB CUT, 8.5% MAX. SLOPE AT RAMP, 2% MAX. SLOPE AT LANDINGS. PROVIDE TRUNCATED DOME SURFACE AT DRIVE ACCESS, 12" WIDE GROOVED BAND AT TOP LANDINGS.
2. ACCESSIBLE PARKING 5' WALKWAY ACCESSIBLE PARKING LEGS, SIGNAGE (POLE MOUNTED), 5" WIDE STRIPES IN (24" LETTERS READING "NO PARKING - CONCRETE WHEEL STOP).
3. ACCESSIBLE PARKING 5' WALKWAY TO SIDEWALK LEVEL. MAX. SLOPE 8.30%.
4. ACCESSIBLE PATH OF TRAVEL. MARKINGS: 5" WIDE STRIPES AT 20' O.C. PAINTED IN CONTRASTING COLOR.
5. ACCESSIBLE RAMP, MAX. SLOPE 8.30%, 1 1/2" TUBE STEEL GUARD RAIL AT BOTH SIDES.
6. LANDSCAPING PLANTER AREA - SEE LANDSCAPE PLANS.
7. LANDSCAPING PLANTER AREA ALONG BUILDING - SEE LANDSCAPE PLANS.
8. 3'-4" HIGH (1 1/2" DIA.) TUBE STEEL GUARDRAIL - SEE DETAIL 4/A1.5
9. 1/2" SHARP IN CONC. MOUNTED STAINLESS STEEL BICYCLE RACK, NELLE SERIES PH8200-16-0 (8 TUBS, 12 BICYCLE CAPACITY), SPACE AT 24" APART. SEE DETAIL 10/A1.5
10. CONCRETE WALKING SURFACE, 5% MAX. SLOPE ALL DIRECTIONS, 2% MAX. SLOPE AT LANDINGS.
11. CONCRETE PAVEMENT SURFACE, 5% MAX. SLOPE ALL DIRECTIONS, 2% MAX. SLOPE AT LANDINGS.
12. CONCRETE RAISED PLANTER BENCH, 6" HIGH X WIDTH SHOWN ON PLAN. SEE DETAIL 4/A1.5.
13. FLUSH CONCRETE CURB TO ASPHALT PAVING AT 80-SHALE.
14. 3" HIGH X 4" WIDE DECORATIVE STEEL FENCE GATE (DOUBLE GATE). SEE DETAIL 7/A1.5.
15. 20" WIDE ASPHALT TO CONCRETE TIRE LAINE, NO CURB AT WEST SIDE BIO-SHALE FLUSH EDGE.

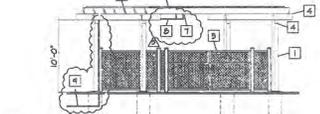
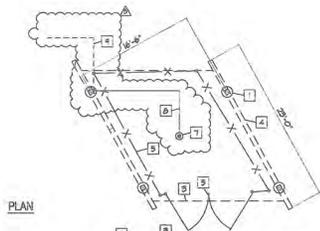
16. BIO-SHALE - SEE CIVIL / LANDSCAPE DRAWINGS.
17. LANDSCAPE PLANTING AREA, 6" RAISED CONCRETE CURB AROUND PLANTING.
18. 6" X 26" CONCRETE WHEEL STOP.
19. NEW PARKING LOT LIGHT STANDARD ON CONCRETE BASE - SEE ELECTRICAL SITE PLAN.
20. RELOCATED (B) STEEL FENCING, MOUNT IN CONCRETE FOOTINGS.
21. CONTINUOUS CONCRETE CURBS.
22. BICYCLE STORAGE ROOM WITH RACK (RACK CAPACITY MIN. 10 BICYCLES).
23. PARKING SPACES LABELED WITH WHITE PAINT ON PARKING SURFACE STATING "CLEAN AIR VEHICLE".
24. NOT USED.
25. RELOCATED STEEL DRIVEWAY GATE AND POSTS. INSTALL END POSTS IN IN CONC. FOOTINGS.
26. EXISTING PARKING LOT GATE - STEEL BOLLARDS WITH STEEL DOUBLE GATE.
27. EXISTING HIGH STEEL FENCE.
28. NEW ROOF STRUCTURE OVER EXISTING TRASH ENCLOSURE. SEE DETAIL 8/A1.5.
29. EXISTING PRESCHOOL PLAYGROUND AREA (A) APPARATUS TO REMAIN.
30. EXISTING STREET MONUMENT SIGN RELOCATED PER SEPARATE PERMIT (AUG.).

31. EXISTING STREET LIGHT AND STANDARD TO BE REMOVED AND REPLACED WITH NEW STREET LIGHT PER CITY OF CAMPBELL STANDARD PLACEMENT. VERIFY BASE BOLLARD PATTERN PRIOR TO ORDERING NEW.
32. REMOVE EXISTING CONC. DRIVE APRON, REPLACE WITH IN PER CITY OF CAMPBELL PUBLIC WORKS DEPARTMENT CONCRETE DRIVEWAY DETAIL, STANDARDS AND GEOMETRY ACCESSIBILITY STANDARDS.
33. EXISTING POLE TRANSFORMER TO REMAIN.
34. NEW TOW-AWAY SIGNAGE AND POLE - SEE DETAIL 5/A1.5.
35. 3'-4" HIGH DECORATIVE STEEL FENCE. SEE DETAIL 7/A1.5.
36. NEW GAS MAIN CONNECTION TO BUILDING WITH METER AND SHUT-OFF.
37. PLANTER TREES IN PORTABLE POT (4 THIS). SEE LANDSCAPE PLANS.
38. CONCRETE RAISED PLANTER BENCH, 18" HIGH X WIDTH SHOWN ON PLAN. SEE DETAIL 4/A1.5.



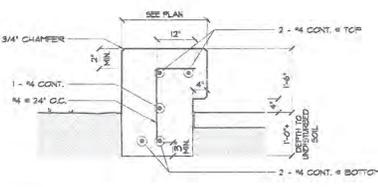
PROPOSED SITE PLAN

A 1.2

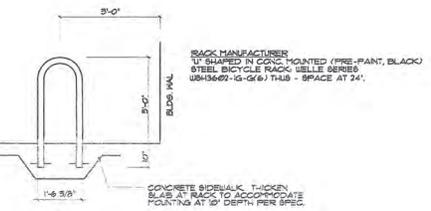


- WEST (FRONT) ELEVATION**
- 1 6x6 REDWOOD POST (TYP. CP 4) 18" DIA. X 3'-4" DEEP CONC. FOOTING.
 - 2 REDWOOD TRUSS (2x2 & 2x4 O.C.)
 - 3 24 GA. CORRUGATED STEEL ROOF PANEL FASTENED W/ 1/2" TOR SCREWS INTO EACH TRUSS. COAT W/ P.C.
 - 4 6x6 REDWOOD BEAM.
 - 5 EXISTING TRASH ENCLOSURE.
 - 6 6x6 REDWOOD POST (TYP. CP 4) 18" DIA. X 3'-4" DEEP CONC. FOOTING.
 - 7 1" SPRINKLER COVERING TO MATCH EXISTING PROTECTIVE FILM FROM AIR COMPARTMENT TO TRASH ENCLOSURE. REFER TO SPRINKLER SUBMITTAL 06/25/13 OR 06/25/15. (REFER TO SPRINKLER SUBMITTAL 06/25/13 OR 06/25/15.)
 - 8 UPRIGHT SPRINKLER HEAD.
 - 9 1" SPRINKLER PIPE (PANT) WITH HANGERS UNDERWOOD CONNECTION TO EXISTING WATER SERVICE AT FENCE LINE.

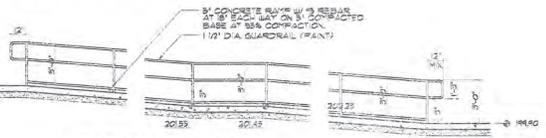
TRASH ENCLOSURE
SCALE: 1/8" = 1'-0"



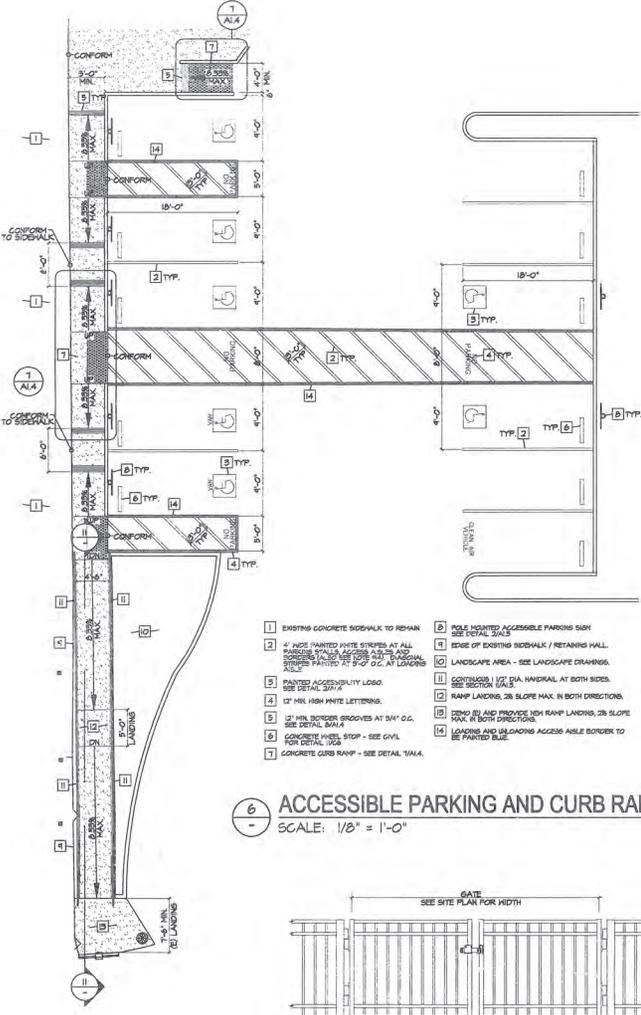
DETAIL - CONCRETE BENCH
SCALE: 3/4" = 1'-0"



DETAIL - BICYCLE RACK
SCALE: 1/2" = 1'-0"

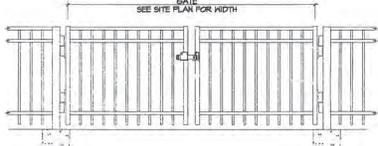


RAMP GUARDRAIL
SCALE: 1/4" = 1'-0"

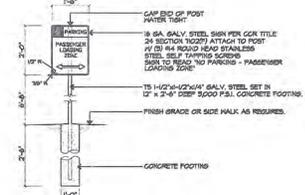


- 1 EXISTING CONCRETE SIDEWALK TO REPAIR.
- 2 4" HIGH WHITE PAINT STRIPES AT ALL EDGES TO INDICATE ACCESSIBLE SIDEWALK STRIPES PAINTED AT 2'-0" O.C. AT LANDINGS.
- 3 PAINTED ACCESSIBILITY LOGO. SEE DETAIL 2014.
- 4 12" MIN. HIGH WHITE LETTERING.
- 5 12" MIN. BORDER GROOVES AT 24" O.C. SEE DETAIL 2014.
- 6 CONCRETE WHEEL STOP - SEE CIVIL FOR DETAIL 1024.
- 7 CONCRETE CURB RAMP - SEE DETAIL 2014.
- 8 6x6 HEAVY DUTY ACCESSIBLE PARKING SIGN SEE DETAIL 2013.
- 9 EDGE OF EXISTING SIDEWALK / RETAINING WALL.
- 10 LANDSCAPE AREA - SEE LANDSCAPE DRAWINGS.
- 11 CONTINUOUS 1/2" DIA. HANDRAIL AT BOTH SIDES.
- 12 RAMP LANDINGS, 2% SLOPE MAX. IN BOTH DIRECTIONS.
- 13 2x4x8 PL. AND PROVIDE 2% RAMP LANDINGS, 2% SLOPE MAX. IN BOTH DIRECTIONS.
- 14 LANDINGS AND DELOADING ACCESSIBLE BORDER TO BE PAINTED BLUE.

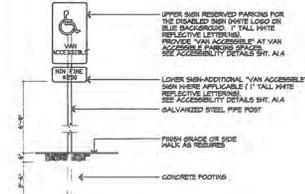
ACCESSIBLE PARKING AND CURB RAMPS
SCALE: 1/8" = 1'-0"



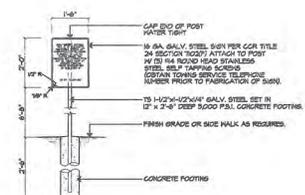
SIDEWALK / GUARDRAIL (WEST SIDE)
SCALE: 1/2" = 1'-0"



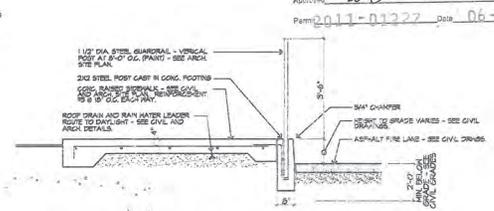
PASSENGER LOADING ZONE
NOT TO SCALE



POLE MOUNTED SIGN
NOT TO SCALE



SITE ENTRY SIGN (TOW-AWAY)
NOT TO SCALE



SIDEWALK / GUARDRAIL (WEST SIDE)
SCALE: 1/2" = 1'-0"

CAMPBELL CHRISTIAN SCHOOLS

1075 WEST CAMPBELL AVENUE
CAMPBELL, CALIFORNIA 95008

WILLIAMS GROUP ARCHITECTS

THE WILLIAMS GROUP ARCHITECTS
ARCHITECTURE AND INTERIOR DESIGN
111 WEST ST. JOHN STREET
SUITE 950
SAN JOSE, CALIFORNIA 95113
408.298.7800 FAX 408.298.4245

NO.	DESCRIPTION	DATE
1	BUILDING SUBMITTAL	02.09.17
2	BUILDING DEPARTMENT COMMENTS	05.15.17
3	PLAN CHECK COMMENTS #2	05.15.17
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DRAWN BY: [Signature]
SCALE: AS NOTED
PROJECT NUMBER: 1050
DATE: 06-20-17

DEVEL CONSTRUCTION, INC.

1500 California Street, Suite 101
San Jose, CA 95128
Telephone: (408) 934-4400
Fax: (408) 934-4400
www.develconstruction.com

City of Campbell
Building Inspectors Division

PLAN APPROVED

This plan with attached documents has been reviewed for compliance with the City of Campbell and State of California Codes. This plan shall not be changed or modified without notification from the Building Official. Work performed related to this plan shall be done in accordance with this plan and all applicable codes. This approval not be valid to permit or subdivide as to be an approval of a violation of any City or State Law.

Approved: *REB*
Permit: 2017-01227 Date: 06-20-17

VIEW ACCEPTANCE

SITE DETAILS 10 2017

WEST COAST CODE CONSULTANTS

A 1.3