



8/1/2023

CA-CITY MODESTO

Building Department

WILSON Residence
3241 Pirelli Ct Modesto CA USA 95355

The following revisions have been made to the plans:

1. Revise the plans to indicate the following, building type and occupancy groups. Also add note that general contractor is to verify dwelling's smoke alarm.
 - a. **Response:** Plans have been corrected, see revision cloud B on PV-1.0
2. Indicate on the plans point of access on the front and back of house. Additionally note that point of access will not be over doors, windows, obstructions.
 - a. **Response:** Plans have been corrected, see revision cloud B on PV-2.0
3. Please provide certification letter that is compliant with 2022 CBC. Please also provide span tables. Also, indicate dimensions of standoffs on both horizontal and vertical plane.
 - a. **Response:** Certification letter and span tables have been included in deliverable folder.
4. Provide anchorage details for the attachment/ anchorage of the ESS at the wall.
 - a. **Response:** Added PV-3.1 page which includes mounting detail of the PW2. See revision cloud B on PV-1.0 and PV-3.1.
5. Please add electrical notes to PV-4.0
 - a. **Response:** Plans have been updated with new notes, see revision cloud B on PV-4.0.

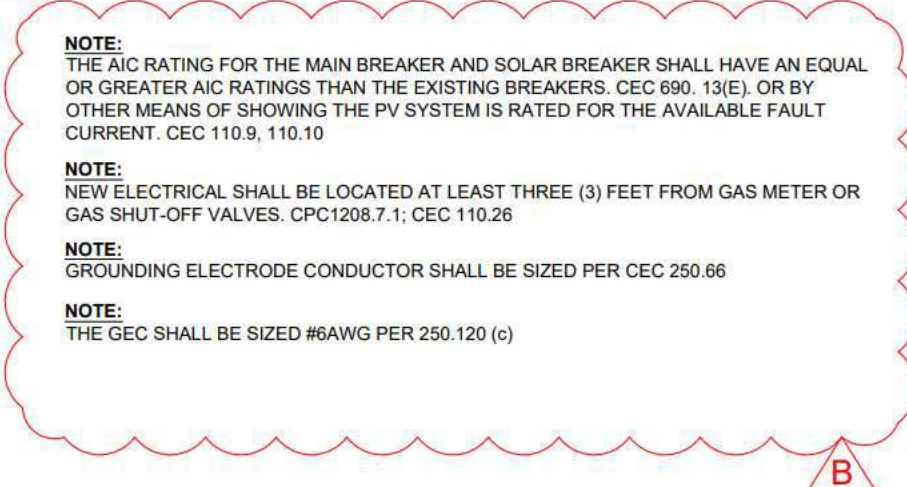
NEMA 3R Type,
UL414

NOTE:
THE AIC RATING FOR THE MAIN BREAKER AND SOLAR BREAKER SHALL HAVE AN EQUAL OR GREATER AIC RATINGS THAN THE EXISTING BREAKERS. CEC 690.13(E). OR BY OTHER MEANS OF SHOWING THE PV SYSTEM IS RATED FOR THE AVAILABLE FAULT CURRENT. CEC 110.9, 110.10

NOTE:
NEW ELECTRICAL SHALL BE LOCATED AT LEAST THREE (3) FEET FROM GAS METER OR GAS SHUT-OFF VALVES. CPC1208.7.1; CEC 110.26

NOTE:
GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED PER CEC 250.66

NOTE:
THE GEC SHALL BE SIZED #6AWG PER 250.120 (c)



6. Please provide ESS label. Label obstructions that are not part of the scope of work as existing.
 - a. Label added to PV-5.0. Placard has been updated. See revision cloud B.

Thank you for your time,
Jesus Castillo
PV System Designer
Sunrun

SHEET INDEX	
PAGE #	DESCRIPTION
PV-1.0	COVER SHEET
PV-2.0	SITE PLAN
PV-3.0	LAYOUT
PV-3.1	MOUNTING DETAIL
PV-4.0	ELECTRICAL
PV-5.0	SIGNAGE

ABBREVIATIONS	
A	AMPERE
AC	ALTERNATING CURRENT
AFC	ARC FAULT CIRCUIT INTERRUPTER
AZIM	AZIMUTH
COMP	COMPOSITION
DC	DIRECT CURRENT
(E)	EXISTING
ESS	ENERGY STORAGE SYSTEM
EXT	EXTERIOR
INT	INTERIOR
MSP	MAIN SERVICE PANEL
(N)	NEW
NTS	NOT TO SCALE
OC	ON CENTER
PRE-FAB	PRE-FABRICATED
PSF	POUNDS PER SQUARE FOOT
PV	PHOTOVOLTAIC
RSD	RAPID SHUTDOWN DEVICE
TL	TRANSFORMERLESS
TYP	TYPICAL
V	VOLTS
W	WATTS
LAN	LANDSCAPE
POR	PORTRAIT

ABBREVIATIONS	
1	COMMUNICATION WIRES
☐	CHIMNEY
△	ATTIC VENT
□	FLUSH ATTIC VENT
○	PVC PIPE VENT
⊗	METAL PIPE VENT
⊞	T-VENT
📡	SATELLITE DISH
▨	FIRE SETBACKS
▨	HARDSCAPE
— PL —	PROPERTY LINE
▭	INTERIOR EQUIPMENT SHOWN AS DASHED
☐	SOLAR MODULES
☐	RAIL
☐	STANDOFFS & FOOTINGS

LEGEND

SE	SERVICE ENTRANCE
MP	MAIN PANEL
SP	SUB-PANEL
LC	PV LOAD CENTER
SM	SUNRUN METER
PM	DEDICATED PV METER
INV	INVERTER(S)
AC	AC DISCONNECT(S)
DC	DC DISCONNECT(S)
CB	IQ COMBINER BOX
⊞	POWERWALL ENERGY STORAGE SYSTEM (ESS)
BG	BACKUP GATEWAY
GP	GENERATION PANEL
1	COMMUNICATION WIRES
☐	CHIMNEY
△	ATTIC VENT
□	FLUSH ATTIC VENT
○	PVC PIPE VENT
⊗	METAL PIPE VENT
⊞	T-VENT
📡	SATELLITE DISH
▨	FIRE SETBACKS
▨	HARDSCAPE
— PL —	PROPERTY LINE
▭	INTERIOR EQUIPMENT SHOWN AS DASHED
☐	SOLAR MODULES
☐	RAIL
☐	STANDOFFS & FOOTINGS

SCOPE OF WORK

SYSTEM SIZE: 5850W DC, 7600W AC
 MODULES: (15) CANADIAN SOLAR: CS3N-390MS
 INVERTERS: (1) SOLAREEDGE TECHNOLOGIES: SE7600H-USSN
 RACKING: ULTRA RAIL SPEEDSEAL FOOT, SEE DRAWING SNR-DC-00438
 ENERGY STORAGE SYSTEM: (1) TESLA: POWERWALL, 13.5KWh, 5KW INVERTER OUTPUT, LITHIUM-ION BATTERY (WEIGHT: 251.3LB EACH)
 MAIN BREAKER DERATE: REPLACE EXISTING 200A MAIN BREAKER WITH NEW 150 AMP MAIN BREAKER.
 BACKUP GATEWAY: (1) 200A TESLA POWERWALL CONTROL PANEL
 EXISTING SOLAR SYSTEM INSTALLED.

VICINITY MAP



GENERAL NOTES

ALL WORK SHALL COMPLY WITH 2022 CRC/CBC/CEBC, MUNICIPAL CODE, AND ALL MANUFACTURERS' LISTINGS AND INSTALLATION INSTRUCTIONS.
 PHOTOVOLTAIC SYSTEM WILL COMPLY WITH 2022 CEC.
 ELECTRICAL SYSTEM GROUNDING WILL COMPLY WITH 2022 CEC.
 PHOTOVOLTAIC SYSTEM IS FUNCTIONALLY GROUNDED. NO CONDUCTORS ARE SOLIDLY GROUNDED IN THE INVERTER. SYSTEM COMPLIES WITH 690.41(A).
 MODULES CONFORM TO AND ARE LISTED UNDER UL 1703.
 INVERTER CONFORMS TO AND IS LISTED UNDER UL 1741.
 RACKING CONFORMS TO AND IS LISTED UNDER UL 2703.
 SNAPRACK RACKING SYSTEMS, IN COMBINATION WITH TYPE I, OR TYPE II MODULES, ARE CLASS A FIRE RATED.
 RAPID SHUTDOWN SYSTEM IN COMPLIANCE WITH CEC 2022 690.12(B)(1) WHERE CONDUCTORS OUTSIDE OF THE ARRAY ARE LIMITED TO LESS THAN 30V IN 30 SECONDS AND CEC 2022 690.12(B)(2)(2) WHERE CONDUCTORS INSIDE THE ARRAY BOUNDARY IS LIMITED TO LESS THAN 80V IN 30 SECONDS
 CONSTRUCTION FOREMAN TO PLACE CONDUIT RUN PER 690.31(D).
 ARRAY DC CONDUCTORS ARE SIZED FOR DERATED CURRENT.
 11.38 AMPS MODULE SHORT CIRCUIT CURRENT.
 17.78 AMPS DERATED SHORT CIRCUIT CURRENT [690.8 (A)(1) & 690.8 (B)].
 ENERGY STORAGE SYSTEM CONFORMS TO AND IS LISTED UNDER UL 9540.
 ENERGY STORAGE SYSTEM LIVE PARTS ARE NOT ACCESSIBLE DURING ROUTINE MAINTENANCE. SYSTEM VOLTAGE IN ACCORDANCE WITH NEC 706.20 AND EXCEPTION 1 NEC 706.20 (B).
 ADDITIONAL DISCONNECTING MEANS SHALL BE INSTALLED WHERE THE CIRCUITS FROM THESE TERMINALS PASS THROUGH A WALL OR PARTITION PER 706.15(D).
 LISTED, COMBINATION TYPE AFCI SHALL BE INSTALLED WHERE BACKED UP CIRCUIT WIRING IS EXTENDED MORE THAN 6FT AND DOES NOT INCLUDE ANY ADDITIONAL OUTLETS OR DEVICES PER NEC 210.12(D).
 THE CAPACITY OF THE STANDALONE SYSTEM SUPPLY SHALL BE EQUAL TO OR GREATER THAN THE LOAD POSED BY THE SINGLE LARGEST UTILIZATION EQUIPMENT CONNECTED TO THE SYSTEM PER NEC ARTICLE 710.15(A)
 ALL PASS-THROUGH CONDUCTORS MUST COMPLY WITH NEC 312.8

BUILDING TYPE OF CONSTRUCTION: VB CBC TABLE 601
 OCCUPANCY GROUP: R3 & U CBC 302.1
 THE GENERAL CONTRACTOR IS TO VERIFY THE DWELLING UNIT'S SMOKE AND CARBON MONOXIDE ALARMS PER CRC SECTIONS R314 AND R315, PRIOR TO THE FINAL INSPECTION

This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto
REVIEWED FOR CODE COMPLIANCE
[Tawab Taeab] 08/11/2023
This set of plans must be kept on the job at all The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law

REV	NAME	DATE	COMMENTS
B	J CASTILLO	8/1/2023	NOTES

CUSTOMER RESIDENCE:
 JASON WILSON
 3241 PIRELLI CT, MODESTO, CA, 95355
 TEL: (253) 245-7586
 APN: 085-065-016-000

PROJECT NUMBER:
 117R-241WLS
 DESIGNER: (415) 580-6920 ex3
 WILLIAM UBREY

SHEET
COVER SHEET
 REV: B 8/1/2023
 PAGE PV-1.0

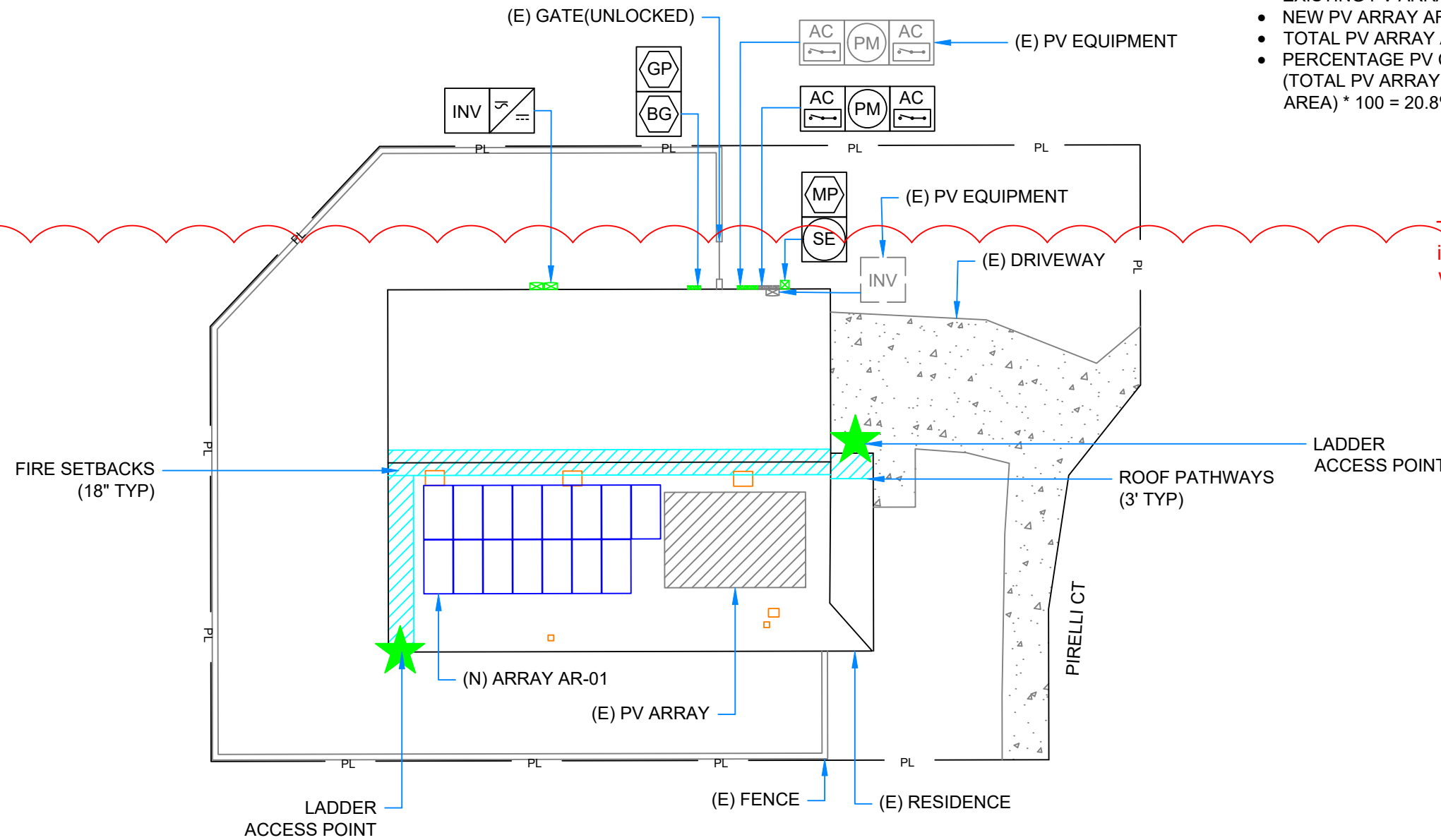


NOTES:

- RESIDENCE DOES NOT CONTAIN ACTIVE FIRE SPRINKLERS.

ARRAY DETAILS:

- TOTAL ROOF SURFACE AREA: 2453 SQFT.
- EXISTING PV ARRAY AREA: 181 SQ FT.
- NEW PV ARRAY AREA: 328.3 SQ FT.
- TOTAL PV ARRAY AREA: 512.3 SQ FT.
- PERCENTAGE PV COVERAGE: (TOTAL PV ARRAY AREA/TOTAL ROOF SURFACE AREA) * 100 = 20.8%



This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto
REVIEWED FOR CODE COMPLIANCE
 [Tawab Taeab] 08/11/2023
 This set of plans must be kept on the job at all The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law
 Occupancy of structure not permitted until final approval

NOTES:

THE POINT OF ACCESS AREA WILL NOT BE OVER ANY DOORS, WINDOWS, OR OTHER OBSTRUCTIONS

	ARRAY PITCH	TRUE AZIM	PV AREA (SQFT)
AR-01	23°	180°	328.3

NOTE - PLACARD WILL BE INSTALLED FOR THE FOLLOWING:
 PV EQUIPMENT SEPARATED BY FENCE/GATE
 MAIN SERVICE PANEL SEPARATED BY FENCE/GATE

SUNRUN

Gilbert Correia
 GILBERT CORREIA, C10, C46

CA CL #750184

1551 STIMSON STREET, STOCKTON, CA 95206
 PHONE 916.949.7885
 FAX 916.285.9154

CUSTOMER RESIDENCE:
 JASON WILSON
 3241 PIRELLI CT, MODESTO, CA, 95355

TEL. (253) 245-7586
 APN: 085-065-016-000

PROJECT NUMBER:
 117R-241WILS

DESIGNER: (415) 580-6920 ex3
 WILLIAM UBREY

SHEET
SITE PLAN

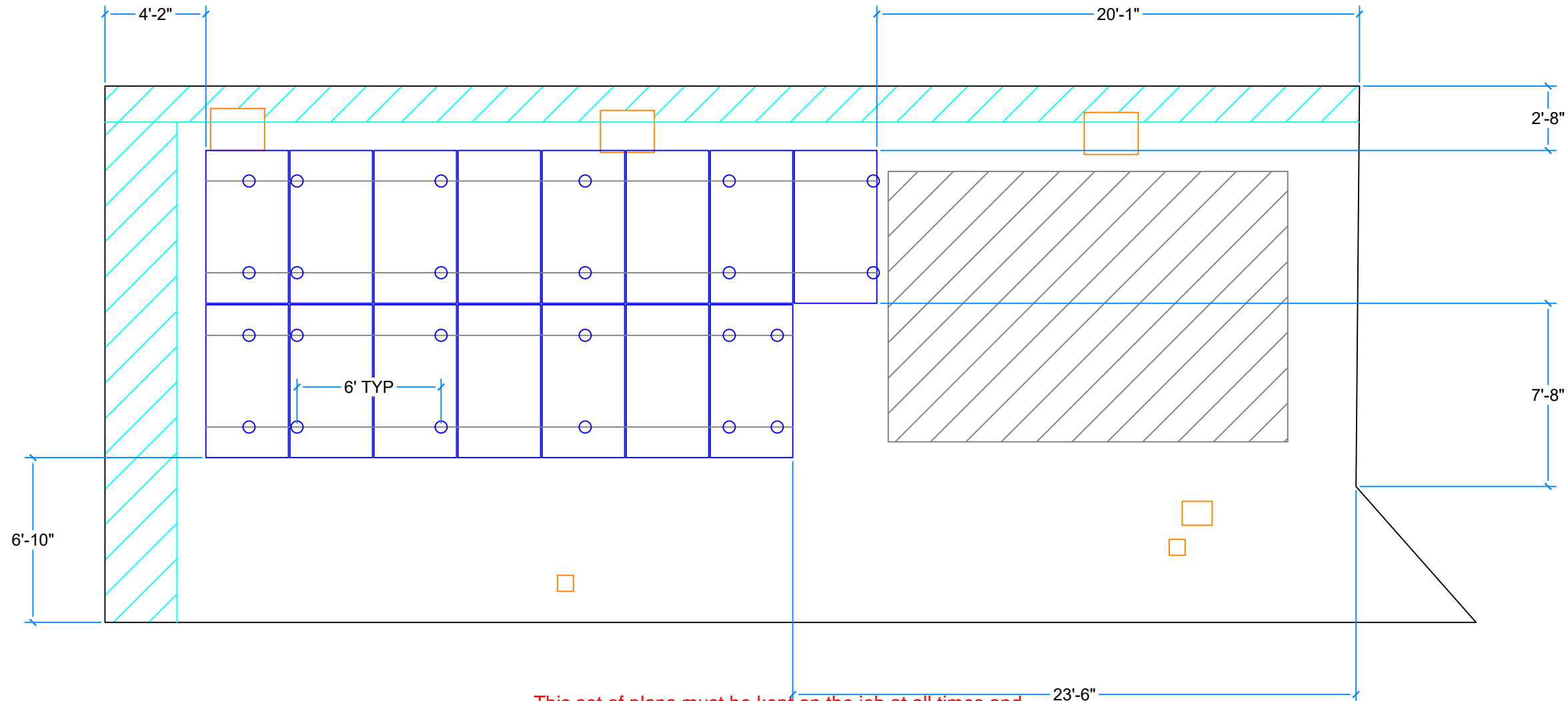
REV: B 8/1/2023

PAGE
 PV-2.0



ROOF INFO			FRAMING INFO			ATTACHMENT INFORMATION					
Name	Type	Height	Type	Max Span	OC Spacing	Detail	Max Landscape OC Spacing	Max Landscape Overhang	Max Portrait OC Spacing	Max Portrait Overhang	Configuration
AR-01	COMP SHINGLE - UR	1-Story	2X4 PRE-FABRICATED TRUSSES	5' - 9"	24"	ULTRA RAIL SPEEDSEAL FOOT, SEE DRAWING SNR-DC-00438	6' - 0"	2' - 4"	6' - 0"	2' - 2"	STACKED

D1 - AR-01 - SCALE: 0.015625
AZIM: 180°
PITCH: 23°



This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto

REVIEWED FOR CODE COMPLIANCE
[Tawab Taeab] 08/11/2023

This set of plans must be kept on the job at all The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law

Occupancy of structure not permitted until final approval

INSTALLERS SHALL NOTIFY ENGINEER OF ANY POTENTIAL STRUCTURAL ISSUES OBSERVED PRIOR TO PROCEEDING W/ INSTALLATION.
 * IF ARRAY (EXCLUDING SKIRT) IS WITHIN 12" BOUNDARY REGION OF ANY ROOF PLANE EDGES (EXCEPT VALLEYS), THEN ATTACHMENTS NEED TO BE ADDED AND OVERHANG REDUCED WITHIN THE 12" BOUNDARY REGION ONLY AS FOLLOWS:
 ** ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS TO BE REDUCED BY 50%.
 ** ALLOWABLE OVERHANG INDICATED ON PLANS TO BE 1/5TH OF ALLOWABLE ATTACHMENT SPACING INDICATED ON PLANS.

DESIGN CRITERIA
MAX DISTRIBUTED LOAD: 3 PSF
SNOW LOAD: 0 PSF
WIND SPEED: 93 MPH 3-SEC GUST.
S.S. LAG SCREW 5/16": 2.5" MIN. EMBEDMENT

SUNRUN

 GILBERT CORREIA, C10, C46
 CA CL #750184
 1551 STIMSON STREET, STOCKTON, CA 95206
 PHONE 916.949.7885
 FAX 916.285.9154

CUSTOMER RESIDENCE:
 JASON WILSON
 3241 PIRELLI CT, MODESTO, CA, 95355

TEL. (253) 245-7586
 APN: 085-065-016-000

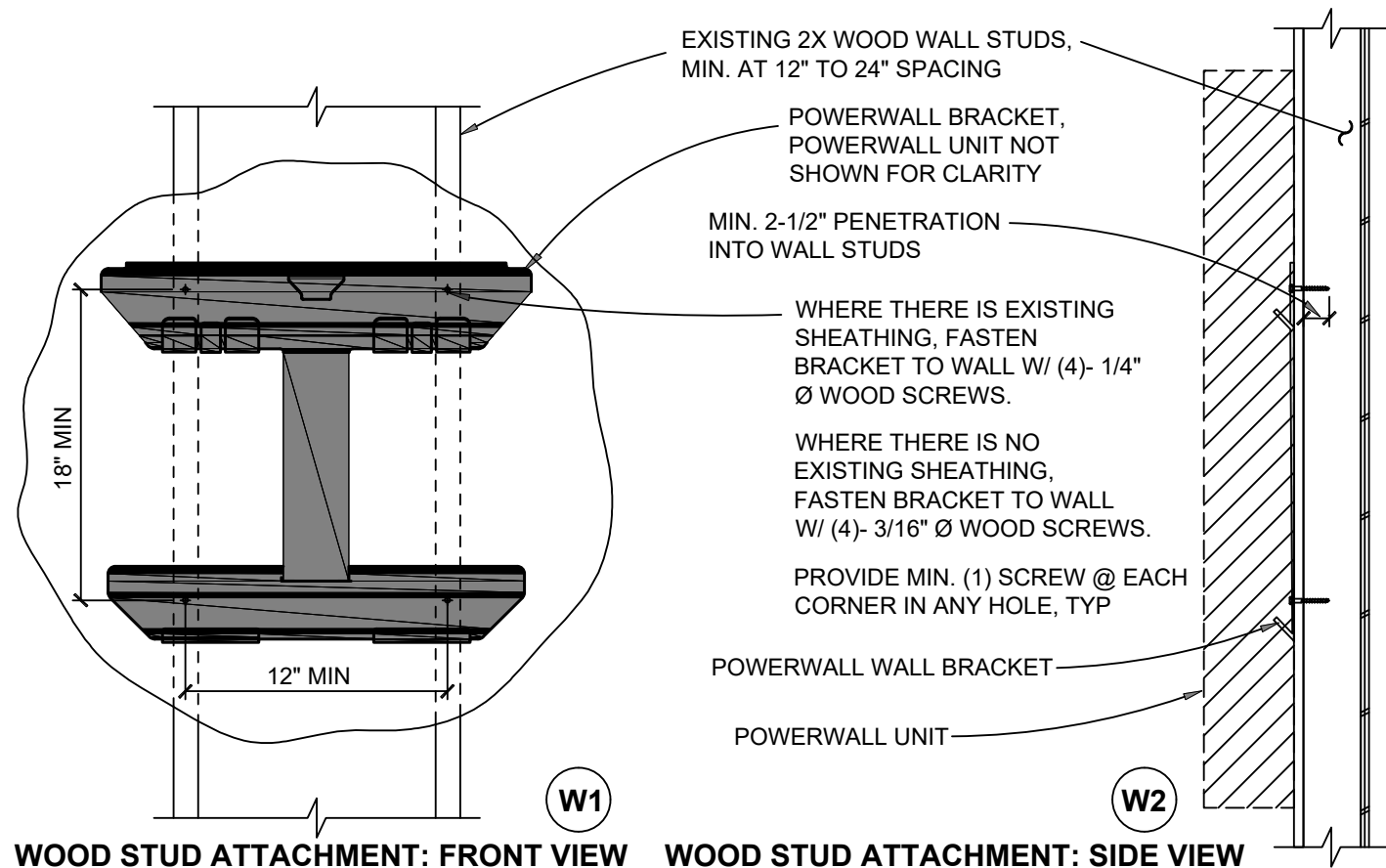
PROJECT NUMBER:
 117R-241WILS

DESIGNER: (415) 580-6920 ex3
 WILLIAM UBREY

SHEET
LAYOUT

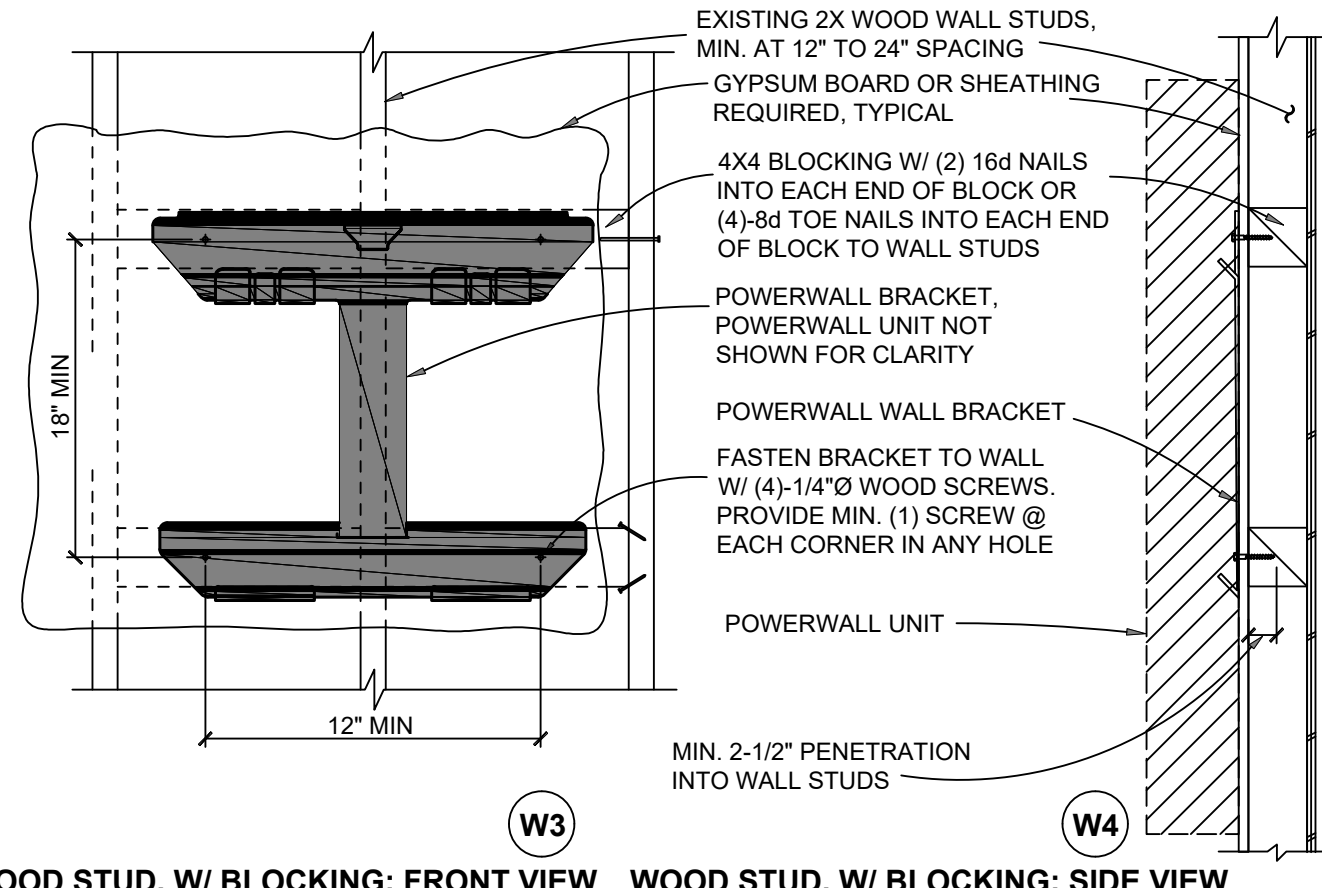
REV: B 8/1/2023

PAGE
PV-3.0



WOOD STUD ATTACHMENT: FRONT VIEW

WOOD STUD ATTACHMENT: SIDE VIEW



WOOD STUD, W/ BLOCKING: FRONT VIEW

WOOD STUD, W/ BLOCKING: SIDE VIEW

NOTE: SEE GENERAL NOTES ON SHEET 2

SCALE: 1"=1'-0"

BRACKET ATTACHMENT TO WOOD STUD

TESLA POWERWALL

This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto

REVIEWED FOR CODE COMPLIANCE

[Tawab Taeab] 08/11/2023

This set of plans must be kept on the job at all The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law

Occupancy of structure not permitted until final approval

SUNRUN

CA CL #750184

1551 STIMSON STREET, STOCKTON, CA 95206
PHONE 916.949.7885
FAX 916.285.9154

CUSTOMER RESIDENCE:
JASON WILSON
3241 PIRELLI CT, MODESTO, CA,
95355

TEL. (253) 245-7586
APN/TMK #: APN: 085-065-016-000

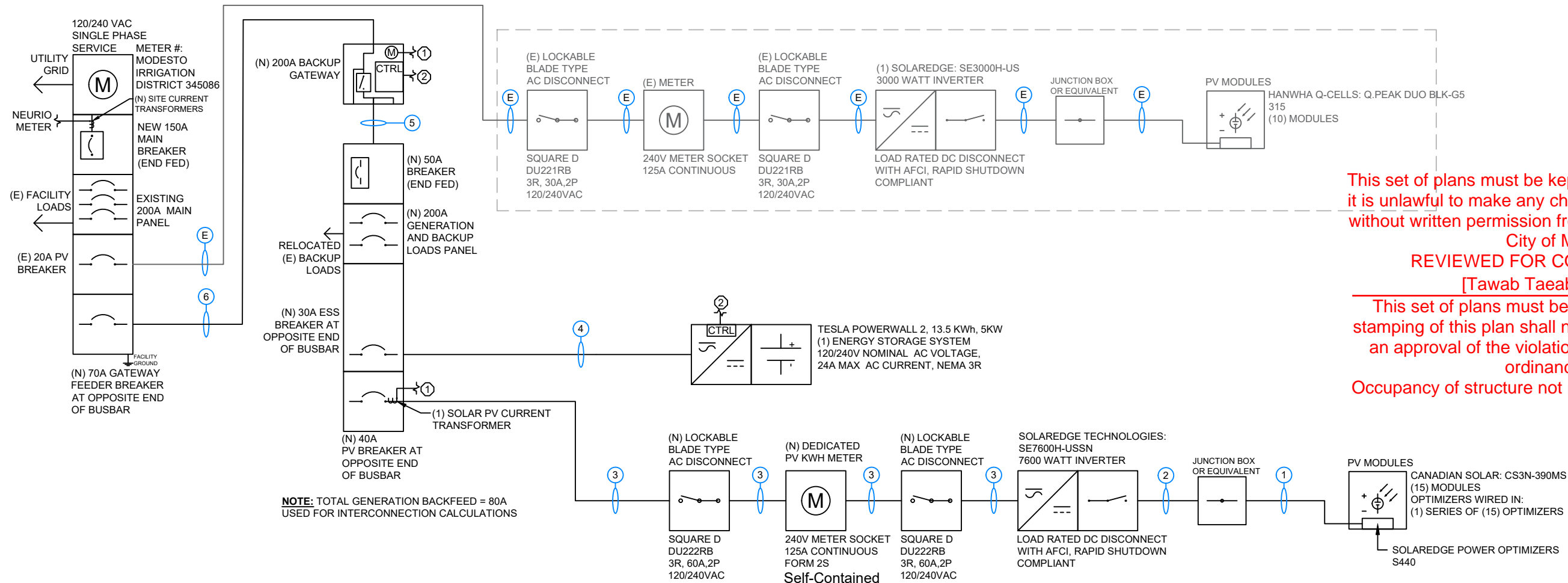
PROJECT NUMBER:
117R-241WILS

DESIGNER: (415) 580-6920 ex3
WILLIAM UBREY

SHEET MOUNTING
DETAIL

REV: B 08/01/23

PAGE PV-3.1



This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto

REVIEWED FOR CODE COMPLIANCE

[Tawab Taeab] 08/11/2023

This set of plans must be kept on the job at all The stamping of this plan shall not be held to permit or to be an approval of the violation of any provisions of any ordinance or law

Occupancy of structure not permitted until final approval

CONDUIT SCHEDULE

#	CONDUIT	CONDUCTOR	NEUTRAL	GROUND
1	NONE	(2) 10 AWG PV WIRE	NONE	(1) 10 AWG BARE COPPER
2	3/4" EMT OR EQUIV.	(2) 10 AWG THHN/THWN-2	NONE	(1) 10 AWG THHN/THWN-2
3	3/4" EMT OR EQUIV.	(2) 10 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2
4	3/4" EMT OR EQUIV.	(2) 10 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2
5	1" EMT OR EQUIV.	(2) 4 AWG THHN/THWN-2	(1) 3 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2
6	1" EMT OR EQUIV.	(2) 4 AWG THHN/THWN-2	(1) 3 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2
E	EXISTING			

MODULE CHARACTERISTICS

CANADIAN SOLAR: CS3N-390MS: 390 W
OPEN CIRCUIT VOLTAGE: 44.1 V
MAX POWER VOLTAGE: 36.8 V
SHORT CIRCUIT CURRENT: 11.38 A

S440 OPTIMIZER CHARACTERISTICS:

MIN INPUT VOLTAGE: 8 VDC
MAX INPUT VOLTAGE: 60 VDC
MAX INPUT ISC: 14.5 ADC
MAX OUTPUT CURRENT: 15 ADC

SYSTEM CHARACTERISTICS - INVERTER 1

SYSTEM SIZE: 5850 W
SYSTEM OPEN CIRCUIT VOLTAGE: 15 V
SYSTEM OPERATING VOLTAGE: 400 V
MAX ALLOWABLE DC VOLTAGE: 480 V
SYSTEM OPERATING CURRENT: 14.63 A
SYSTEM SHORT CIRCUIT CURRENT: 15 A

NOTE:
THE AIC RATING FOR THE MAIN BREAKER AND SOLAR BREAKER SHALL HAVE AN EQUAL OR GREATER AIC RATINGS THAN THE EXISTING BREAKERS. CEC 690. 13(E). OR BY OTHER MEANS OF SHOWING THE PV SYSTEM IS RATED FOR THE AVAILABLE FAULT CURRENT. CEC 110.9, 110.10

NOTE:
NEW ELECTRICAL SHALL BE LOCATED AT LEAST THREE (3) FEET FROM GAS METER OR GAS SHUT-OFF VALVES. CPC1208.7.1; CEC 110.26

NOTE:
GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED PER CEC 250.66

NOTE:
THE GEC SHALL BE SIZED #6AWG PER 250.120 (c)



SUNRUN

GILBERT CORREIA, C10, C46

CA CL #750184

1551 STIMSON STREET, STOCKTON, CA 95206
PHONE 916.949.7885
FAX 916.285.9154

CUSTOMER RESIDENCE:

JASON WILSON
3241 PIRELLI CT, MODESTO, CA,
95355

TEL. (253) 245-7586

APN: 085-065-016-000

PROJECT NUMBER:
117R-241WILS

DESIGNER: (415) 580-6920 ex3
WILLIAM UBREY

SHEET
ELECTRICAL

REV: B 8/1/2023

PAGE
PV-4.0

! WARNING
ELECTRICAL SHOCK HAZARD
TERMINALS ON LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION:
INVERTER(S), AC/DC DISCONNECT(S), AC COMBINER PANEL (IF APPLICABLE).
PER CODE(S): NEC 2020: 690.13(B), CEC 2022: 690.13(B)

! WARNING
THREE POWER SUPPLY
SOURCES: UTILITY GRID, BATTERY AND PV SOLAR ELECTRIC SYSTEM

LABEL LOCATION:
UTILITY SERVICE METER AND MAIN SERVICE PANEL.
PER CODE(S): NEC 2020: 705.12(C), CEC 2022: 705.12(C)

! WARNING
POWER SOURCE OUTPUT CONNECTION
DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL LOCATION:
ADJACENT TO PV BREAKER AND ESS OCPD (IF APPLICABLE).
PER CODE(S): NEC 2020: 705.12(B)(3)(2), CEC 2022: 705.12(B)(3)(2)

! WARNING
THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE SHALL NOT EXCEED AMPACITY OF BUSBAR

LABEL LOCATION:
PV LOAD CENTER (IF APPLICABLE) AND ANY PANEL THAT UTILIZES "THE SUM OF BREAKERS RULE".
PER CODE(S): NEC 2020: 705.12 (B)(3)(3), CEC 2022: 705.12 (B)(3)(3)

PV SYSTEM DISCONNECT
MAXIMUM AC OPERATING CURRENT: 32 AMPS
NOMINAL OPERATING AC VOLTAGE: 240 VAC

LABEL LOCATION:
AC DISCONNECT(S), PHOTOVOLTAIC SYSTEM POINT OF INTERCONNECTION.
PER CODE(S): NEC 2020: 690.54, CEC 2022: 690.54

INVERTER 1

PHOTOVOLTAIC DC DISCONNECT
MAXIMUM SYSTEM VOLTAGE: 480 VDC

LABEL LOCATION:
INVERTER(S), DC DISCONNECT(S).
PER CODE(S): NEC 2020: 690.53, CEC 2022: 690.53

ENERGY STORAGE SYSTEM DISCONNECT

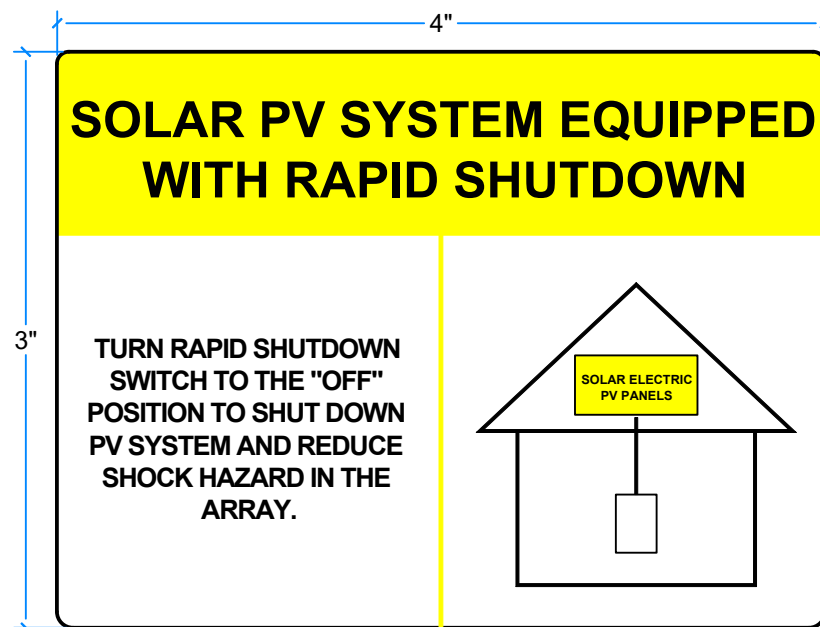
LABEL LOCATION:
ENERGY STORAGE SYSTEM DISCONNECT
PER CODE(S): NEC 2020: 706.15(C), CEC 2022: 706.15(C)

WARNING: PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION:
INTERIOR AND EXTERIOR DC CONDUIT EVERY 10 FT, AT EACH TURN, ABOVE AND BELOW PENETRATIONS, ON EVERY JB/PULL BOX CONTAINING DC CIRCUITS.
PER CODE(S): NEC 2020: 690.31(D)(2), CEC 2022: 690.31(D)(2)

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

LABEL LOCATION:
INSTALLED WITHIN 3' OF RAPID SHUT DOWN SWITCH PER CODE(S): NEC 2020: 690.56(C)(2), CEC 2022: 690.56(C)(2), IFC 2018: 1204.5.3



LABEL LOCATION:
ON OR NO MORE THAT 1 M (3 FT) FROM THE SERVICE DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE CONNECTED.
PER CODE(S): NEC 2020: 690.56(C), CEC 2022: 690.56(C)

**MAIN BREAKER DE-RATED FOR SOLAR BACKFEED
MAX 150A MAIN BREAKER ALLOWED**

LABEL LOCATION:
MAIN SERVICE PANEL ADJACENT TO MAIN SERVICE BREAKER.
PER CODE(S): CEC 2022: 705.12(B)(3)(2), NEC 2020: 705.12(B)(3)(2), NEC 2017: 705.12(B)(2)(3)(b), NEC 2014: 705.12(D)(2)(3)(c), NEC 2011: 705.12(D)(4), CEC 2019: 705.12(B)(2)(3)(b)

NOTE - PLACARD WILL BE INSTALLED FOR THE FOLLOWING:
PV EQUIPMENT SEPARATED BY FENCE/GATE
MAIN SERVICE PANEL SEPARATED BY FENCE/GATE

NOTES AND SPECIFICATIONS:

- SIGNS AND LABELS SHALL MEET THE REQUIREMENTS OF THE 2022 CEC ARTICLE 110.21(B), UNLESS SPECIFIC INSTRUCTIONS ARE REQUIRED BY SECTION 690, OR IF REQUESTED BY THE LOCAL AHJ.
- SIGNS AND LABELS SHALL ADEQUATELY WARN OF HAZARDS USING EFFECTIVE WORDS, COLORS AND SYMBOLS.
- LABELS SHALL BE PERMANENTLY AFFIXED TO THE EQUIPMENT OR WIRING METHOD AND SHALL NOT BE HAND WRITTEN.
- LABEL SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- SIGNS AND LABELS SHALL COMPLY WITH ANSI Z535.4-2011, PRODUCT SAFETY SIGNS AND LABELS, UNLESS OTHERWISE SPECIFIED.
- DO NOT COVER EXISTING MANUFACTURER LABELS.

PW2

BATTERY DISCONNECT
NOMINAL ESS VOLTAGE: 120/240 VAC
MAX AVAIL. SHORT-CIRCUIT FROM ESS: 32 A
ARC FAULT CLEARING TIME FROM ESS: 6 MS
DATE OF CALCULATION: 8/1/23

LABEL LOCATION:
MAIN PANEL.
PER CODE(S): NEC 706.7.D

This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto
REVIEWED FOR CODE COMPLIANCE
[Tawab Taeab] 08/11/2023
This set of plans must be kept on the job at all times and it is unlawful to make any changes or alteration on same without written permission from Building Safety Division, City of Modesto
Occupancy of structure not permitted until final approval

CAUTION: MULTIPLE SOURCES OF POWER

SUNRUN
GILBERT CORREIA, C10, C46
CA CL #750184
1551 STIMSON STREET, STOCKTON, CA 95206
PHONE 916.949.7885
FAX 916.285.9154
CUSTOMER RESIDENCE:
JASON WILSON
3241 PIRELLI CT, MODESTO, CA, 95355
TEL. (253) 245-7586
APN: 085-065-016-000
PROJECT NUMBER:
117R-241WLS
DESIGNER: (415) 580-6920 ex3
WILLIAM UBREY
SHEET SIGNAGE
REV: B 8/1/2023
PAGE PV-5.0