

CANOPY	MODULE TYPE	# OF MODULES	AREA (SF)	# OF STRINGS	EST. kWp DC	TILT	# OF COLUMN
C1	SUNPOWER 435	240	5,695 SF	24	104.4	10'	5
C2	SUNPOWER 435	480	11,379 SF	48	208.8	10'	9
TOTAL		720	17,074 SF	72	313.20	-	14

- NOTES:**
1. SURVEY INFORMATION IS SCALED FROM A DIGITAL IMAGE AND MAY NOT BE ACCURATE.
 2. THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED ON THIS DRAWING. KWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON CLIENT VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY AT THE DATE OF ORDER.
 3. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD PRIOR TO FABRICATION.
 4. THIS DESIGN ASSUMES THAT THE SITE WILL BE PREPARED BY THE OWNER AS REQUIRED TO MEET ALL TOLERANCES OF THE PROPOSED ARRAY.
 5. THIS PLAN HAS BEEN PREPARED WITHOUT THE BENEFIT OF COMPLETE UTILITY SURVEY.
 6. LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, COMPANIES AND GOVERNMENT AGENCIES.

1 SITE/FOUNDATION PLAN



SUNPOWER
SUNPOWER JWP # 1147

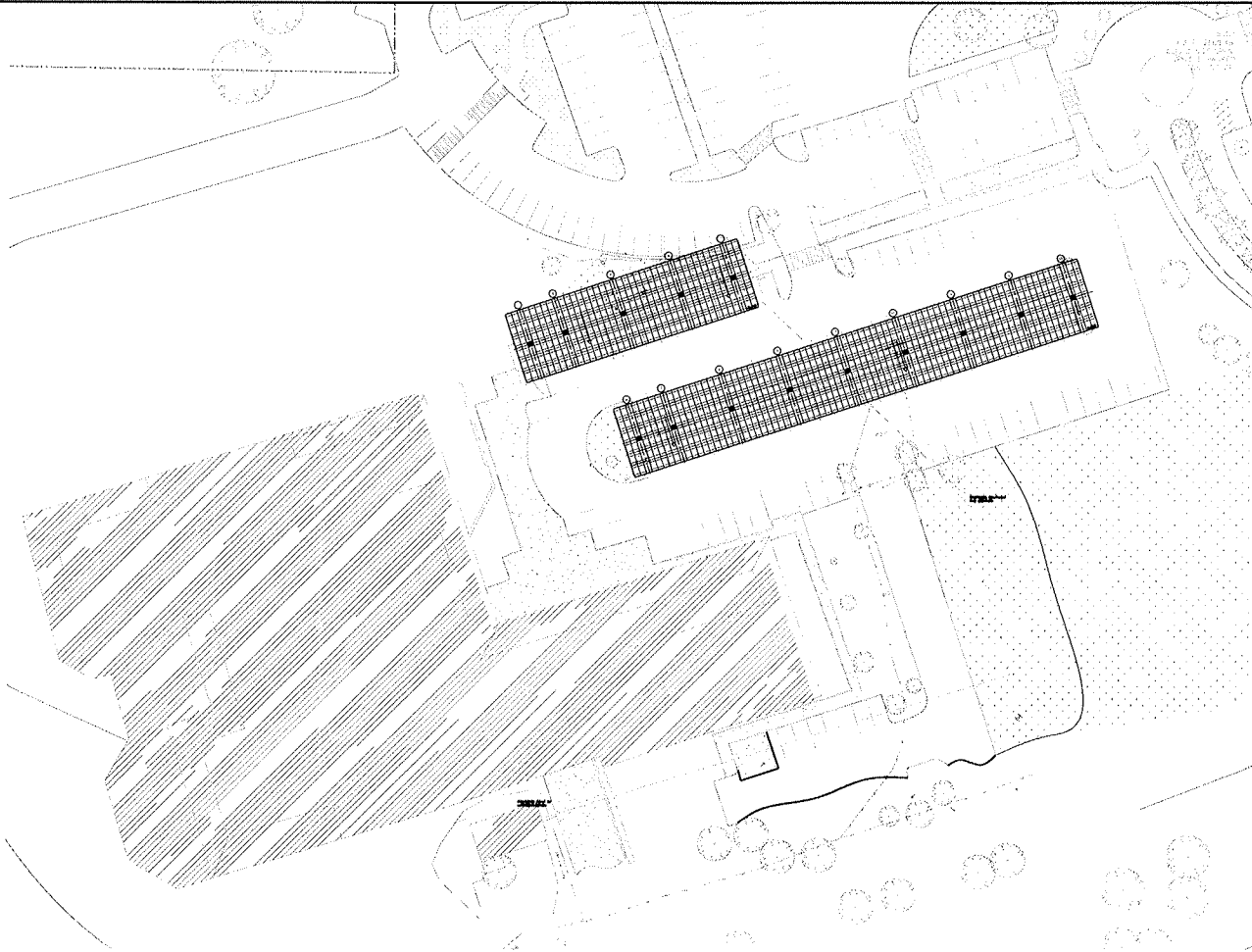
kpff
KAY & PARTNER
P.L.L.C.

SOLAR CANOPIES AT THE
COUNTY WAYNE BROWN JAIL
925 MARDU AVE. NEVADA CITY, CA 95959

SITE / FOUNDATION PLAN

DATE	
REVISED	
APPROVED	

PV-101



CANOPY	MODULE TYPE	# OF MODULES	AREA (SF)	# OF STRINGS	EST. KWp DC	TILT	# OF COLUMN
C1	SUNPOWER 435	240	5,695 SF	24	104.4	10°	5
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TOTAL		720	17,074 SF	72	313.20		14

NOTES:

- SURVEY INFORMATION IS SCALED FROM A DIGITAL IMAGE AND MAY NOT BE ACCURATE.
- THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED ON THIS DRAWING. 400-KWG MODULE QUALITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON CLIENT VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY AT THE DATE OF ORDER.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD PRIOR TO FABRICATION.
- THIS DESIGN ASSUMES THAT THE SITE WILL BE PREPARED BY THE OWNER AS REQUIRED TO MEET ALL TOLERANCES OF THE PROPOSED ARRAY.
- THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF COMPLETE UTILITY SURVEY.
- LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, COMPANIES AND GOVERNMENT AGENCIES.

1 SITE/FOUNDATION PLAN



SUNPOWER
 1000 AVENUE 14
 BAYLAND, TEXAS 77517
 281-880-2600

kpff
 1200 17th Street, Suite 300
 San Francisco, CA 94133
 415-774-2727

SEAL OF THE COUNTY OF MARIQUITA, CALIFORNIA
 Solar Canopies at the
 County Wayne Brown Jail
 925 Maridu Ave. Nevada City, CA 95959

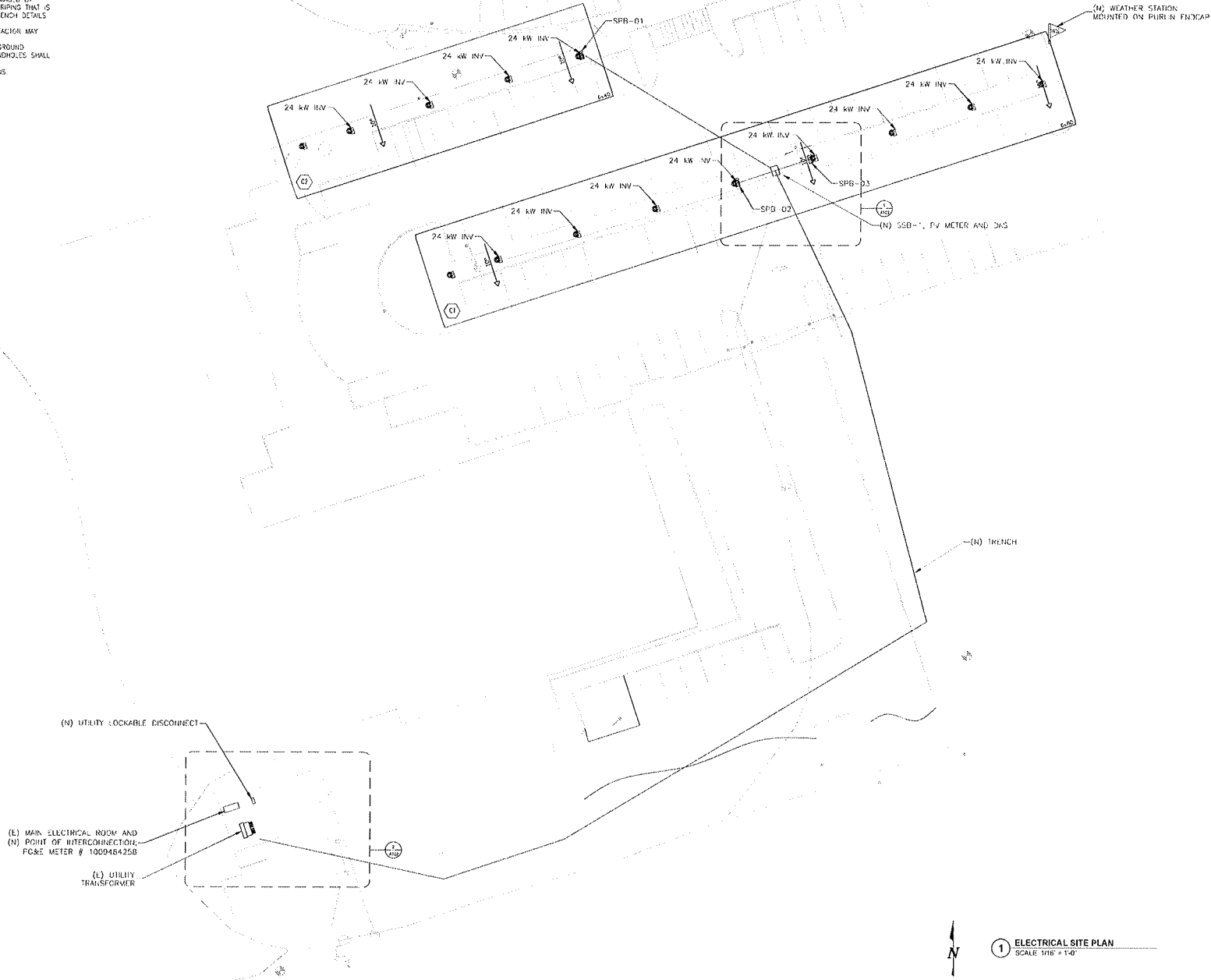
SCHEDULE

NO.	DESCRIPTION	DATE
1	DESIGN OF PERMITS	11/11/24
2	DESIGN OF PERMITS	11/11/24
3	DESIGN OF PERMITS	11/11/24

DATE: 11/11/24
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT NO.: 24-010
 SHEET NO.: PV-102
 TOTAL SHEETS: 102

GENERAL NOTES.

1. THE CONTRACTOR IS RESPONSIBLE FOR INVESTIGATING AND VERIFYING THE ACTUAL LOCATION AND DEPTH OF EXISTING UNDERGROUND FACILITIES.
2. ANY EXISTING UTILITIES THAT ARE DAMAGED BY THE CONTRACTOR'S WORK SHALL BE REPAIRED AT CONTRACTOR'S COST WHETHER OR NOT UTILITIES ARE INDICATED ON SITE PLANS.
3. CONTRACTOR SHALL PATCH AND REPAIR ALL SURFACES DAMAGED BY TRENCHING TO MATCH EXISTING. ANY EXISTING PAVING STRIPING THAT IS CUT BY NEW TRENCH WORK SHALL BE REPAIRED. SEE TRENCH DETAILS FOR PAVEMENT REPAIR DETAIL.
4. TRENCH SLOPING AS SHOWN IS DIAGRAMMATIC, AND CONTRACTOR MAY ADJUST TO SUIT FIELD CONDITIONS.
5. CONTRACTOR SHALL PROVIDE HANDHOLES FOR ALL UNDERGROUND ELECTRICAL RUNS EXCEEDING 350 DEGREES OF BEND. HANDHOLES SHALL BE TRAFFIC RATED WHERE APPROPRIATE.
6. SEE DETAIL 77R-401 FOR INVERTER MOUNTING TO COLUMNS.



1 ELECTRICAL SITE PLAN
SCALE 1/16" = 1'-0"

SUNPOWER
1114 ARBORWAY COURT
SUNNYVALE, CA 94086
TEL: 415.941.5132



COUNTY OF NEVADA
COUNTY JAIL
925 MAIDU AVE. NEVADA CITY, CA
95959

ELECTRICAL SITE PLAN

REV. NO.	DATE	DESCRIPTION

OPPORTUNITY #	1084431
PROJECT #	11546
DATE DRAWN	9-24-18
DRAWN BY	DM

E101

- SPECIFIC ELECTRICAL NOTES:**
- ① NOT USED
 - ② PROVIDE LINE SIDE CONNECTION IN ACCORDANCE WITH NEC ARTICLE 705.12(A). CABLE NOT TO EXCEED 25' TO OVERCURRENT DEVICE UNLESS APPROVED BY THE ENGINEER OF RECORD. CABLE FROM LINE SIDE TO OVERCURRENT PROTECTION SHALL BE INSTALLED IN RIGID STEEL WITH GROUND BUSHINGS IN ACCORDANCE WITH NEC ARTICLE 720.92. INTERCONNECTIONS SHALL BE PERFORMED AS SPECIFIED IN SUNPOWER'S LINE SIDE INTERCONNECTION GUIDELINE DOCUMENT (SUNPOWER DOCUMENT # S11123). EXISTING SERVICE EQUIPMENT SHALL BE RE-LISTED BY UL OR 3RD PARTY TESTING AGENCY AFTER POINT OF INTERCONNECTION IS ESTABLISHED. CONDUCT INTERCONNECTION BY ANY OF THE FOLLOWING THREE METHODS:
 - UTILIZE EXISTING LUGS AT BUS CONNECTION.
 - PROVIDE AN ADDITIONAL BUS LUG KIT SUITABLE FOR TERMINATING BY AC OUTPUT CABLEING.
 - DRILL BUS. CONTRACTOR SHALL COORDINATE WITH EXISTING EQUIPMENT MANUFACTURER ON THE CORRECT BUS DRILLING POINT.
 CONTRACTOR SHALL CARRY COST WITHIN HIS BID, FOR A FACTORY-CERTIFIED TECHNICIAN TO VISIT THE SITE PRIOR TO BUS DRILLING, TO CERTIFY THE FIELD MODIFICATION. UNDER NO CIRCUMSTANCES SHALL THE BUS BE DRILLED WITHOUT FACTORY AUTHORIZATION.
 - ③ NOT USED
 - ④ METERING AND MONITORING SERVICE PROVIDED IN ACCORDANCE WITH CALIFORNIA SOLAR INITIATIVE REQUIREMENTS. REFER TO SHEET 200 FOR CONDUIT AND WIRE REQUIREMENTS AND MONITORING SCHEMATIC DETAILS.
 - ⑤ CONSULT INVERTER INSTALLATION GUIDE FOR WIRING METHODS AND OPERATING PROCEDURES.
 - ⑥ PG&E SHALL PROVIDE THE NEW BI-DIRECTIONAL "XYZ" PULSE METER UPON REQUEST FROM SUNPOWER. OTHERS SHALL PROVIDE AND INSTALL THE EMERNOG ENCLOSURE AND WIRING BETWEEN NEW PG&E METER AND EMERNOG ENCLOSURE.

TOTAL SYSTEM

313.2 KWP

PARKING FIXED TILT SYSTEM

720 MODULES, SUNPOWER SPR-E20-435-COM

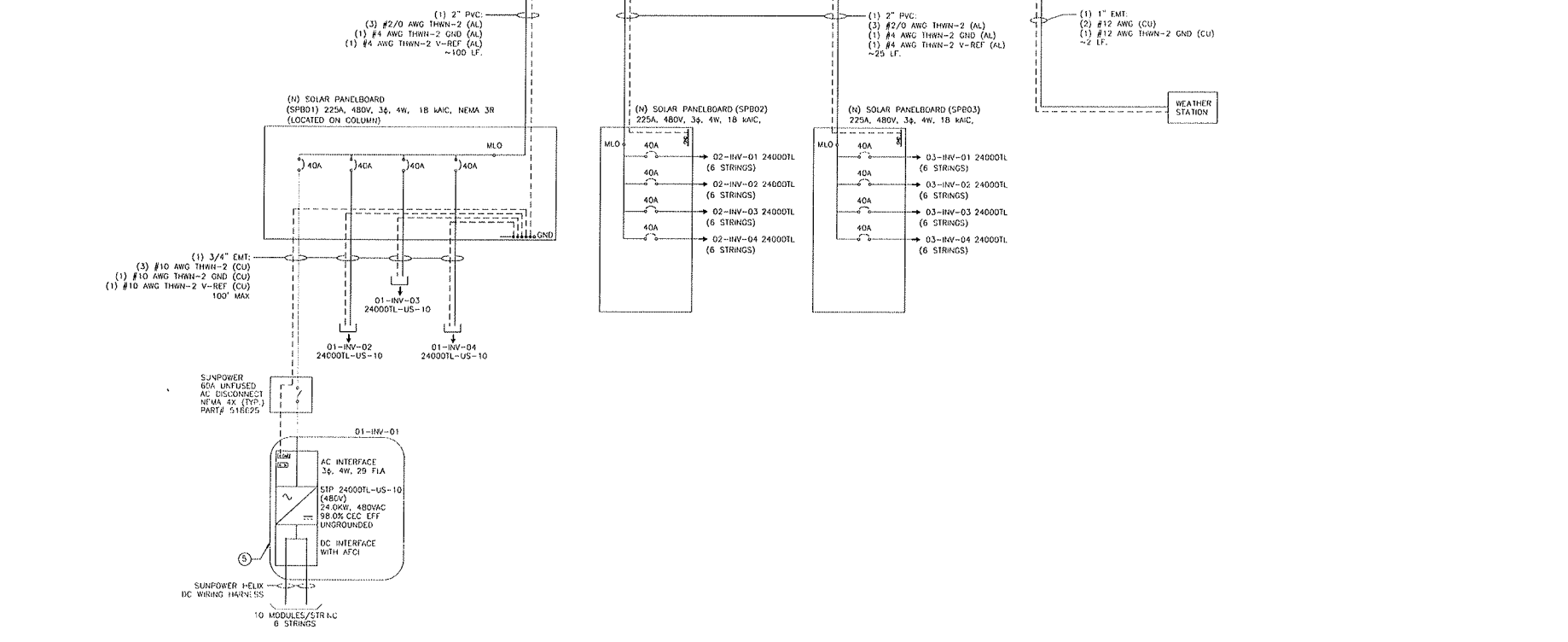
10 MODULES PER STRING, 72 STRINGS

STRING AMPERAGE: 5.97A IMP, 6.43A ISC

STRING VOLTAGE: 729.00V VMP, 909.90V VOC

INVERTER SUMMARY TABLE

ARRAY#	SPB#	KWP	# OF STRINGS	# OF MODULES	24.0KW INVERTER
C2	SPB01	104.400	24	240	4
	SPB02	104.400	24	240	4
C1	SPB03	104.400	24	240	4
TOTAL		313.200	72	720	12



SUNPOWER

11440 WINDY BUSH RD
SUNNYVALE, CA 94089
TEL: 415.434.8555

COUNTY OF NEVADA
COUNTY ENGINEER
925 MAIDU AVE, NEVADA CITY, CA 95959

STATE OF CALIFORNIA

SINGLE LINE

REV	DESCRIPTION	DATE	DRAWN BY

OPFORU14 1054471

PROJECT 11546

DATE DRAWN 5-24-16

DRAWN BY DW

SHEET

E201

FILE: 12/2/2016, FILE NAME: C:\SUNPOWER\2016\05\01\PROJECTS\11546\DRAWING\E201\SSB1\SSB1_SINGLE LINE.DWG