

4

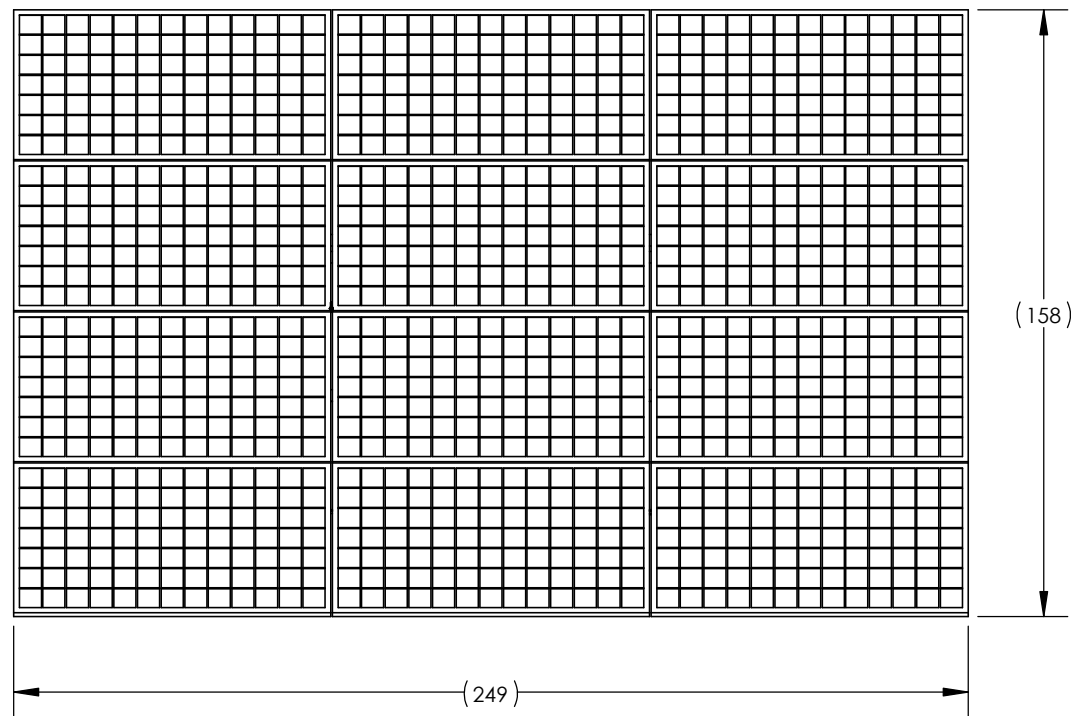
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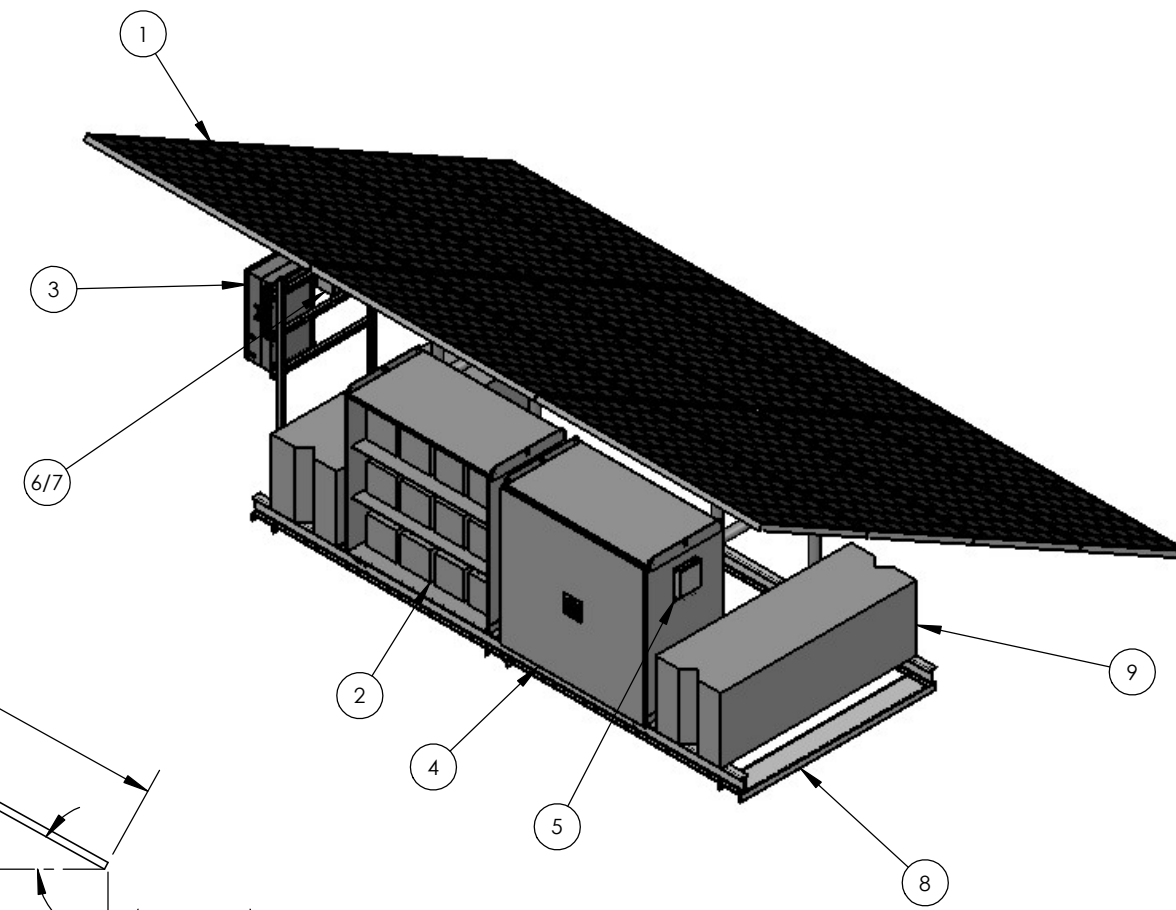
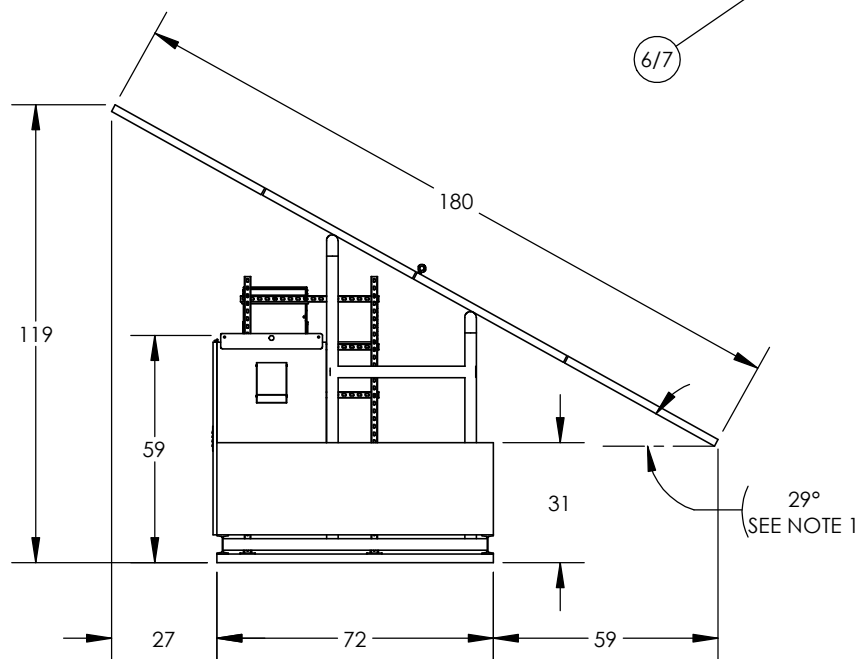
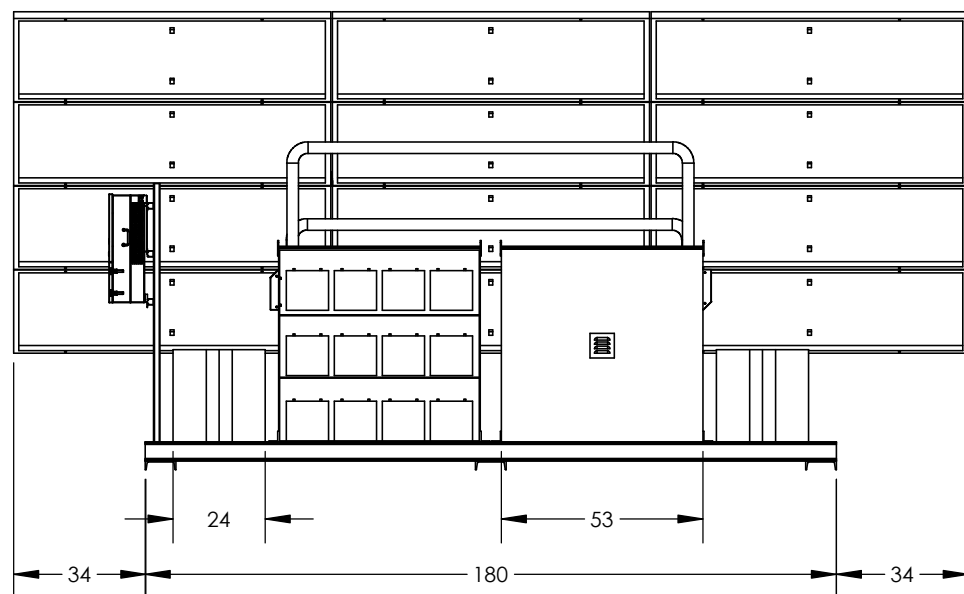
ITEM	QUANTITY	DESCRIPTION	MFG	PART #
1	12	500W 24VDC SOLAR PANEL (~456W PTC)	SILFAB	SIL-500-HM
2	24	265AH 12V AGM DEEP CYCLE BATTERY	DEKA	8G8D
3	1	8000W 240VAC 1PH 60HZ INVERTER WITH MPPT SOLAR CHARGE CONTROLLERS, GENERATOR HOOKUP, AND GRID BATTERY CHARGER	SOL-ARK	SOLAR-ARK 8K-P
4	2	55" X 49" X 25" NEMA 3R ALUMINUM ENCLOSURE	AMERESCO	TGPL-8
5	2	VENTILATION FILTER FAN WITH COVER/GRILL, NEMA 3R	HAMMOND	PF11000T12BK24 RHA20000G RH20000GY
6	1	NEMA 4X CONNECTIONS ENCLOSURE	HAMMOND	TBD
7	1	24VDC 10A POWER SUPPLY (LOCATED INSIDE ITEM 6)	PULS	CP10.241
8	1	SKID	-	-
9	2	[OPTIONAL] 2' X 2' X 6' CONCRETE WEIGHT BLOCK	-	-

B



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REVISION NOTES:
 REV 0 - INITIAL RELEASE
 REV 1 - COMPONENT CHANGE TO MEET PROJECT REQUIREMENTS

- NOTES:
1. PRESET SOLAR PANEL ANGLE WILL VARY BY ORDER.
 2. LEFTMOST BATTERY ENCLOSURE DOOR HIDDEN FROM VIEW FOR BATTERY VISIBILITY.
 3. CONCRETE WEIGHTS OPTIONAL DEPENDING ON WIND LEVELS AT LOCATION.
 4. SYSTEM IS NOT INTENDED FOR USE IN HAZARDOUS AREA (NON-C1D2).

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ± 1/16
 ONE PLACE DECIMAL ± .030
 TWO PLACE DECIMAL ± .015
 THREE PLACE DECIMAL ± .005

BREAK ALL SHARP EDGES AND REMOVE ALL BURRS
 THIRD ANGLE PROJECTION

 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN BY	MPF	9/17/24
CHECKED BY		



TITLE:
6000W SOLAR ASSEMBLY WITH 8000W 240VAC 1PH 60HZ INVERTER AND 1590AH 48VDC BATTERY BANK

SIZE	DWG. NO.	REV
B	10967	1
SCALE: 1:50	WEIGHT: 7638.0 LBS	SHEET # OF #

4

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