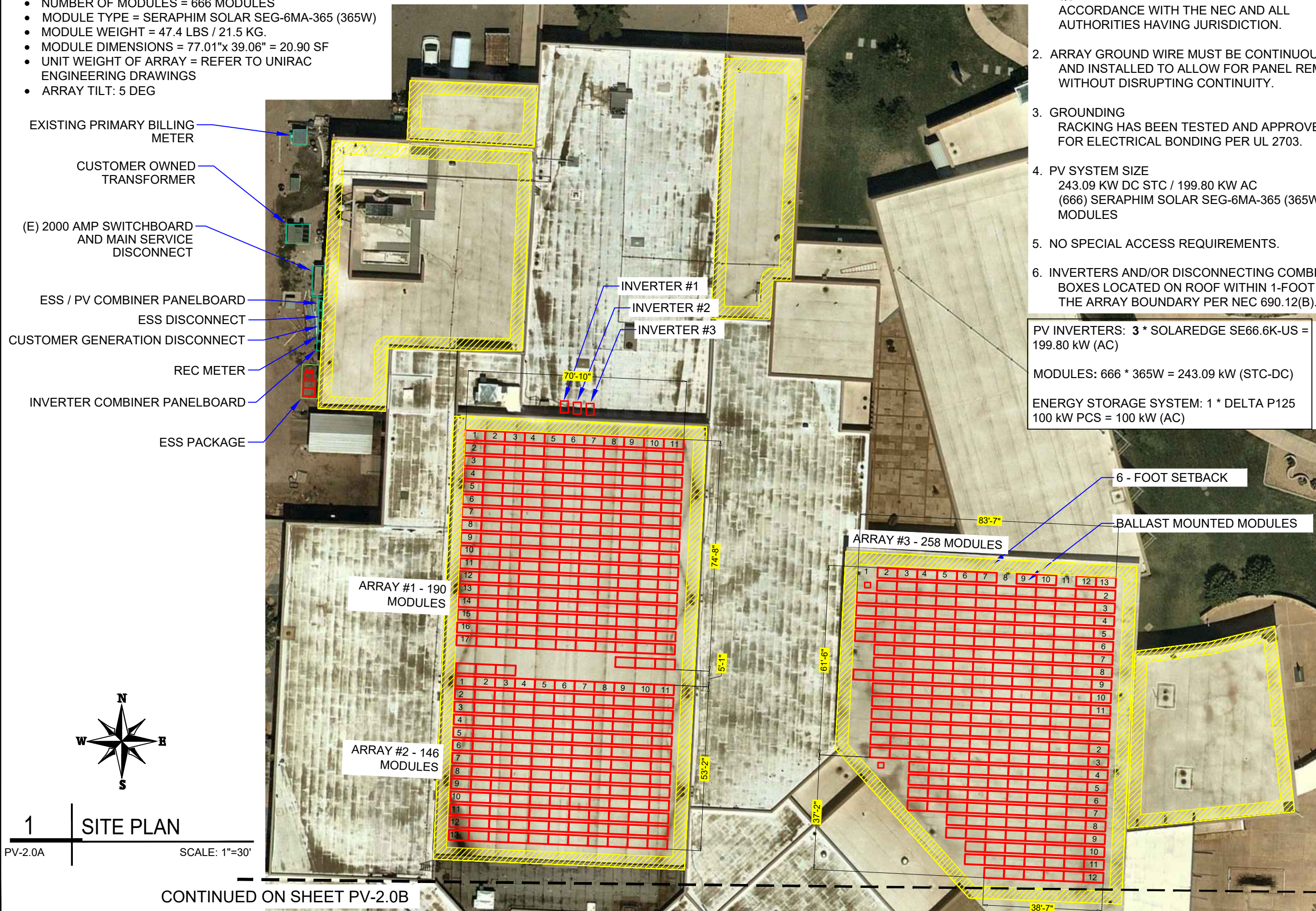


MODULE TYPE, DIMENSIONS & WEIGHT

- NUMBER OF MODULES = 666 MODULES
- MODULE TYPE = SERAPHIM SOLAR SEG-6MA-365 (365W)
- MODULE WEIGHT = 47.4 LBS / 21.5 KG.
- MODULE DIMENSIONS = 77.01"x 39.06" = 20.90 SF
- UNIT WEIGHT OF ARRAY = REFER TO UNIRAC ENGINEERING DRAWINGS
- ARRAY TILT: 5 DEG

- EXISTING PRIMARY BILLING METER
- CUSTOMER OWNED TRANSFORMER
- (E) 2000 AMP SWITCHBOARD AND MAIN SERVICE DISCONNECT
- ESS / PV COMBINER PANELBOARD
- ESS DISCONNECT
- CUSTOMER GENERATION DISCONNECT
- REC METER
- INVERTER COMBINER PANELBOARD
- ESS PACKAGE



NOTES

1. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND ALL AUTHORITIES HAVING JURISDICTION.
2. ARRAY GROUND WIRE MUST BE CONTINUOUS AND INSTALLED TO ALLOW FOR PANEL REMOVAL WITHOUT DISRUPTING CONTINUITY.
3. GROUNDING RACKING HAS BEEN TESTED AND APPROVED FOR ELECTRICAL BONDING PER UL 2703.
4. PV SYSTEM SIZE
243.09 KW DC STC / 199.80 KW AC
(666) SERAPHIM SOLAR SEG-6MA-365 (365W) MODULES
5. NO SPECIAL ACCESS REQUIREMENTS.
6. INVERTERS AND/OR DISCONNECTING COMBINER BOXES LOCATED ON ROOF WITHIN 1-FOOT OF THE ARRAY BOUNDARY PER NEC 690.12(B).

PV INVERTERS: 3 * SOLAREEDGE SE66.6K-US = 199.80 KW (AC)
 MODULES: 666 * 365W = 243.09 KW (STC-DC)
 ENERGY STORAGE SYSTEM: 1 * DELTA P125 100 KW PCS = 100 KW (AC)

RIO GRANDE RENEWABLES
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 RIO GRANDE CONSTRUCTION SERVICES, LLC
 GB-98 #379796

REVISIONS		
DESCRIPTION	DATE	REV
CONSTRUCTION	1-04-2019	3
PANELBOARD UPDATES & DELTA WIRING MODULE LAYOUT UPDATES	2-01-2019	4
	3-21-2019	5
ADDED ROOF DIMENSIONS	4-09-2019	6
ESS UPDATES	8-06-2019	7
CONTROL UPDATES	10-18-2019	8

Signature with Seal

PROJECT NAME
**CITY OF ABQ MUSEUM
 PV AND ESS
 2000 MOUNTAIN RD NW
 ALBUQUERQUE, NM 87104**

SHEET NAME
SITE PLAN

SHEET SIZE
**ANSI B
 11" X 17"**

SHEET NUMBER
PV-2.0A

1 | **SITE PLAN**
 PV-2.0A | SCALE: 1"=30'

CONTINUED ON SHEET PV-2.0B