



**AREA LOCATION**

- R? - ROOF
- CC? - CAR CANOPY
- CN? - CANOPY
- GM? - GROUND
- PU? - POST-UP

**AREA TYPE**

- RT1 - BUR SMOOTH
- RT2 - BUR SLAG / STONE
- RT3 - MODIFIED CAP SHEET
- RT4 - EPDM (BLACK)
- RT5 - TPO (WHITE)
- RT6 - PVC (WHITE)
- RT7 - CPE/CSPE (WHITE)
- RT8 - METAL SS STRUCTURAL
- RT9 - METAL SS ARCHITECTURAL
- RT10 - METAL RIB (EXPOSED FASTENER)
- RT11 - SHINGLE (METAL FRAME)
- RT12 - SHINGLE (WOOD FRAME)
- RT13 - PUF FOAM COATING
- RT14 - PUF FOAM STONES
- RT15 - IRMA SYSTEMS PAVERS
- GT1 - GRASS
- GT2 - ASPHALT
- GT3 - CONCRETE/ROCK
- GT4 - HILL
- OTHER

**INSTALLATION CODES**

- INST1 - ROOF BALLASTED
- INST2 - ROOF S5 ONLY
- INST3 - ROOF S5 & UNISTRUT
- INST4 - ROOF S5 & SS RACK
- INST5 - ROOF S5, UNISTRUT, SS RACK
- INST6 - ROOF FASTENED
- INST7 - ROOF POWER RAIL
- INST8 - CARPORT BEAM N-S
- INST9 - CARPORT TUBE E-W
- INST10 - POST-UP BEAM N-S
- INST11 - POST-UP TUBE E-W
- INST12 - GROUND DRIVEN POST
- INST13 - GROUND BALLASTED 1 HIGH
- INST14 - GROUND BALLASTED 2 HIGH
- INST15 - CUSTOM (SEE NOTES)

**SYMBOL LEGEND**

- (?) AREA IDENTIFIER
- (SA?) SUB-ARRAY IDENTIFIER
- (A) ITEM CALL OUT
- [I] PROPOSED INVERTER LOCATION
- [M] PROPOSED COMBINER BOX LOCATION
- [T] PROPOSED TRANSFORMER LOCATION
- [---] PROPERTY LINE
- [---] FENCE LINE

**APPROVAL SIGN OFF**

LAYOUT COMPLETED

C. DUHAME DATE:

ESTIMATE REVIEW

P. OSOWSKI DATE:

LOCAL CONSTRUCTION REVIEW

DATE:

REGIONAL CONSTRUCTION REVIEW

DATE:

OWNER REVIEW

PLEASE SIGN AND DATE:

AREA INFORMATION						
LOCATION	TYPE	PANELS	KW	TILT	AZIMUTH	TOTAL AREA
R1	-	264	76.56	-	-	- SQFT
GM2	-	864	250.56	-	-	- SQFT
GM1	-	1956	577.02	-	-	- SQFT

SUB-ARRAY INFORMATION														
SUB-ARRAY	INSTALLATION CODES	PANELS	STRINGING	STRINGS	KW/INV	KWh/INV	TOTAL PANELS	TOTAL KW	TOTAL KWh	RACK TILT	PANEL TILT	PANEL AZIMUTH	ARRAY AREA	INVERTER(S)
290W	SA1-SA4	5' BALLASTED ROOF (R1)	66	22	3	19.14	22448	264	76.56	89792	5	5	142	6790 SQFT (4) SOLAREDGE 14.4
295W	SA5-SA6	5' GROUND MOUNT (GM2)	432	12	36	125.28	141347	864	250.56	282694	5	5	169	21000 SQFT (2) SOLECTRIA 95
295W	SA7	5' GROUND MOUNT (GM1)	1956	12	163	577.02	667829	1956	577.02	667829	5	5	180	50600 SQFT (1) SOLECTRIA 500

METER INFORMATION			
METER NUMBER	ARRAY(S)	FEEDING METER	CONSUMPTION
100 003 809 173	R1, GM1, GM2		1481600

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GENERAL NOTES

NOT FOR CONSTRUCTION

REVISIONS

REV.	DESCRIPTION	DATE
3	REVISED INVERTER SOLUTION	10/9/15
2	REVISED FENCE	9/25/15
1	CHANGED INVERTER SOLUTION ON R1	8/28/15



**VANGUARD**  
ENERGY PARTNERS, LLC

1 COMMERCE STREET  
BRANCHBURG, NJ 08876 USA  
PHONE: 908.534.1302 FAX: 908.534.1304  
www.vanguardenergypartners.com

CUSTOMER

**SUSSEX - SUSSEX TECH**  
105 NORTH CHURCH ROAD  
SPARTA, NJ 07871

TITLE  
**PROPOSED PANEL OVERLAY**

SYSTEM TYPE  
**5° GROUND & 5° ROOF**

PANEL QTY.	PANEL MANUFACTURER	PANEL SIZE
3084	CANADIAN	295&290

TOTAL SYSTEM SIZE  
**904.14 kW DC | 747.6 kW AC | 1040315 kWh**

JOB NUMBER	DRAWN BY	DATE
15-0021	CD YW	8/21/15

DRAWING NUMBER  
**15-0021-305**      1.15