



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)

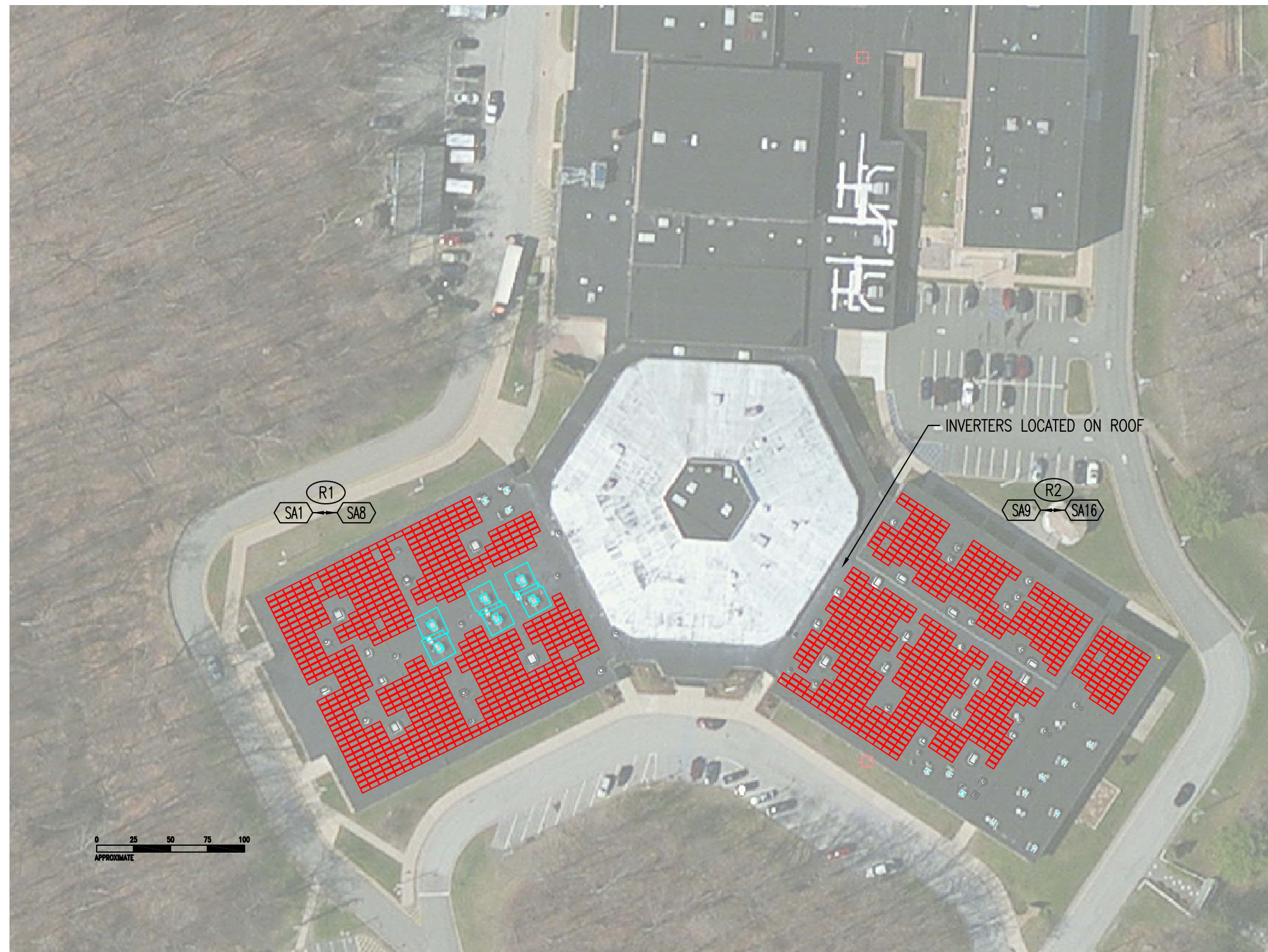
SYMBOL LEGEND

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

APPROVAL SIGN OFF

LAYOUT COMPLETED

C. DUHAIME DATE:	
ESTIMATE REVIEW	
P. OSOWSKI DATE:	
LOCAL CONSTRUCTION REVIEW	
DATE:	
REGIONAL CONSTRUCTION REVIEW	
DATE:	
OWNER REVIEW	
DATE:	
PLEASE SIGN AND DATE:	



AREA INFORMATION						
LOCATION	TYPE	PANELS	kW	TILT	AZIMUTH	TOTAL AREA
R1	-	690	202.75	-	-	- SQFT
R2	-	666	194.90	-	-	- 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)	
295W	SA1	5" BALLASTED ROOF	90	30	3	26.55	31289	90	26.55	31289	5	5	153	2300 SQFT	(1) SOLAREEDGE 20	
	SA2-SA6	5" BALLASTED ROOF	88	30/30/28	3	25.96	30594	440	129.80	152970	5	5	153	11000 SQFT	(5) SOLAREEDGE 20	
290W	SA7-SA8	5" BALLASTED ROOF	80	40	2	23.20	27312	160	46.40	54624	5	5	153	4000 SQFT	(2) SOLAREEDGE 20	
290W	SA9	5" BALLASTED ROOF	80	40	2	23.20	27208	80	23.20	27208	5	5	214	2000 SQFT	(1) SOLAREEDGE 20	
295W	SA10-SA12	5" BALLASTED ROOF	78	26	3	22.62	26520	234	67.86	79560	5	5	214	5900 SQFT	(3) SOLAREEDGE 20	
	SA13-SA16	5" BALLASTED ROOF	88	30/30/28	3	25.96	30478	352	103.84	121912	5	5	214	8800 SQFT	(4) SOLAREEDGE 20	

GENERAL NOTES

NOT FOR CONSTRUCTION

REVISIONS

REV.	DESCRIPTION	DATE
△		
2	REVISED INVERTER STRINGING	10/12/15
1	ISSUED	6/4/15



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CUSTOMER

SUSSEX - KITTATINNY HIGH

77 HALSEY ROAD

NEWTON, NJ 07860

TITLE
PROPOSED PANEL OVERLAY

SYSTEM TYPE
5" BALLASTED ROOF

PANEL QTY.	PANEL MANUFACTURER	PANEL SIZE
1356	CANADIAN	290&295

TOTAL SYSTEM SIZE		
397.65 kW DC	320 kW AC	467563 kWh

JOB NUMBER	DRAWN BY	DATE
15-0021	DUHAIME	1/22/15

DRAWING NUMBER
15-0021-302
1.18