

ELECTR	ICAL ABBREVIATION:						
А	AMPERES	°F	DEGREE FAHRENHEIT	PNL	PANEL	PVC	POLYVINYL CHLORIDE
AF	AMPERE FRAME/AMP FUSE	DISC	DISCONNECT	w	WATT	RGS	RIGID GALVANIZED STEEL
AS	AMP SWITCH	DP	DISTRIBUTION PANEL	W	WIRE	SPDT	SINGLE POLE DOUBLE THROW
AIC	AMPS INTERRUPTING CAPACITY	KCMIL	ONE THOUSAND CIRCULAR MILS	E	EXISTING	SPST	SINGLE POLE SINGLE THROW
AT	AMP TRIP	ку	KILOVOLT	EC	EMPTY CONDUIT/ ELECTRICAL CONTRACTOR	SPEC	SPECIFICATION
ATS	AUTOMATIC TRANSFER SWITCH	KVA	KILOVOLT-AMPERES	EMT	ELECTRICAL METALLIC TUBING	sw	SWITCH
AUTO	AUTOMATIC	ĸw	KILOWATTS	EQUIP	EQUIPMENT	TYP	TYPICAL
AWG	AMERICAN WIRE GAUGE	МСВ	MAIN CIRCUIT BREAKER	FDR	FEEDER	U.O.N.	UNLESS OTHERWISE NOTED
С	CONDUIT	N	NEUTRAL	G	GROUND	V	VOLT/VOLTAGE
СВ	CIRCUIT BREAKER	NIC	NOT IN CONTRACT	GFI	GROUND FAULT INTERRUPTER	VA	VOLT AMPERE
СКТ	CIRCUIT	NTS	NOT TO SCALE	HZ	HERTZ	WP	WEATHERPROOF
СТ	CURRENT TRANSFORMER	Р	POLES	IC	INTERRUPTING CAPACITY	XFMR	TRANSFORMER
°C	DEGREE CELSIUS	Ø	PHASE	PP	POWER PANEL		

INTERCONNECTION APPLICATION SET

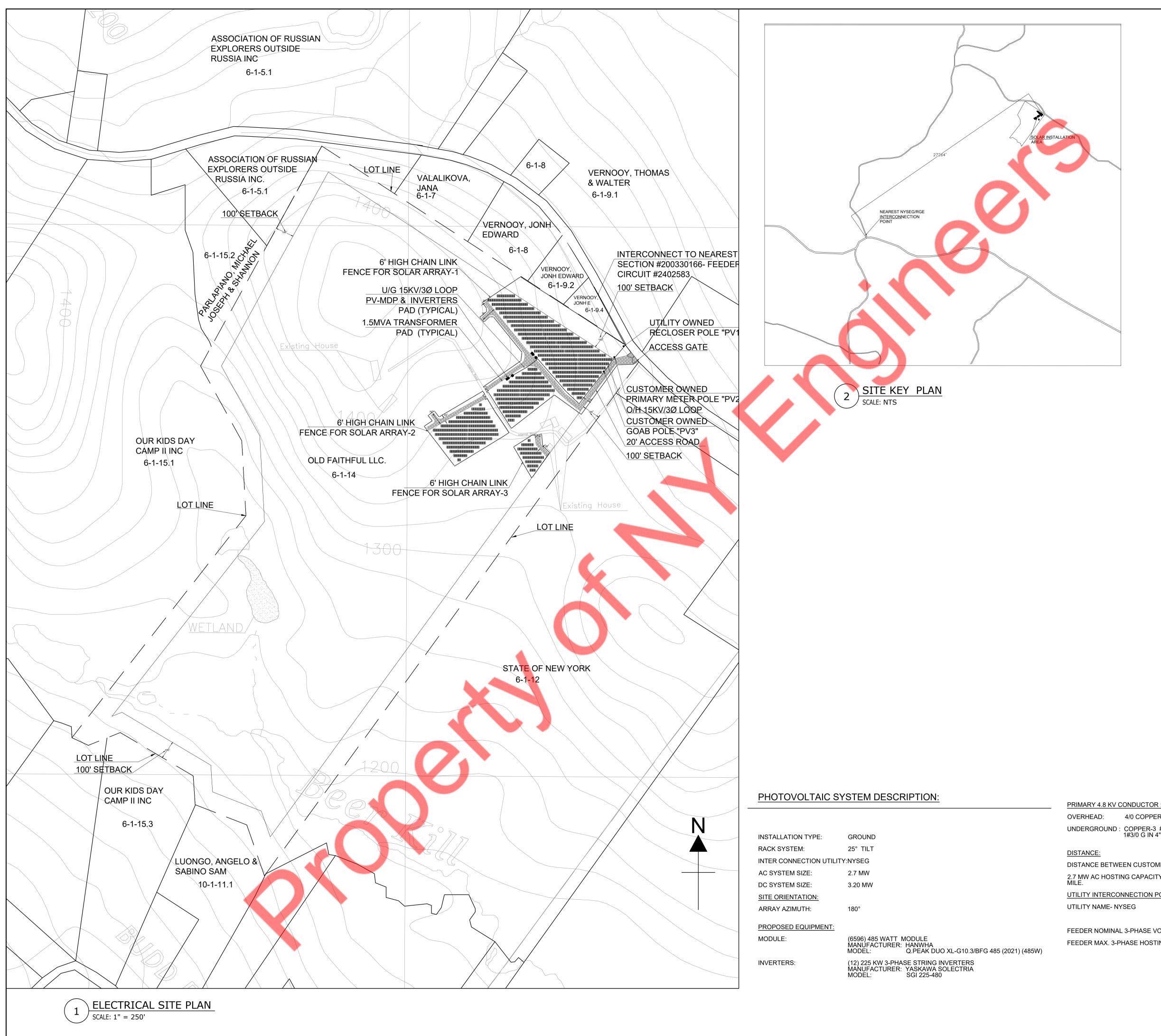
ELECTRICAL NOTES

- 1. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS THAT MAY AFFECT THE WORK. NO ADDITIONAL COMPENSATION WILL BE CONSIDERED FOR FAILURE TO DO SO.
- 2. CONTRACTOR SHALL PROVIDE A WARRANTY ON ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
- 3. ALL ELECTRICAL ACCESSORIES AND EQUIPMENT INSTALLED OUTSIDE OR EXPOSED TO WEATHER SHALL HAVE NEMA 3R ENCLOSURES AND SHALL BE TIGHTLY GASKETED FOR A COMPLETE RAINTIGHT INSTALLATION.

ELECTRICAL SYMBOL LIST								
Y Y	TRANSFORMER, RATING AS INDICATED							
$\langle \cdot \rangle$	CIRCUIT BREAKER, RATING AS INDICATED							
\sum	INVERTER, RATING AS INDICATED							
~	DISCONNECT SWITCH, RATING AS INDICATED							
M	ENERGY METER							
\rightarrow	CURRENT TRANSFORMER							
	MAJOR ELECTRICAL COMPONENT OR DEVICE. RATING AS INDICATED							
\bigotimes	KEYED NOTE REFERENCE							
	UNDERGROUND WIRING SYSTEM							
	OVERHEAD WIRING SYSTEM							
	FUSE, SIZE AS INDICATED							

M DESCRIPTION:
ND LT
G V
W
485 WATT_MODULE FACTURER: HANWHA L: Q.PEAK DUO XL-G10.3/BFG 485 (2021) (485W)
25 KW 3-PHASE STRING INVERTERS FACTURER: YASKAWA SOLECTRIA L: SGI 225-480
TYPE MV-105 4.8KV EPR INSULATED SHIELDED,
WNED STEP UP TRANSFORMER AND NEAREST
E (INTERCONNECTION POINT) IS APPROXIMATELY 5.16
LOCATION DETAILS:
GE: 4.80 KV
APACITY 4.9 MW AC
DES :
(NFPA-70) K STATE
ORK STATE
.TE)7
RS

REQUIREMENT OF THE LOCAL LAW / CODES AND AUTHORITY HAVING JURISDICTION.

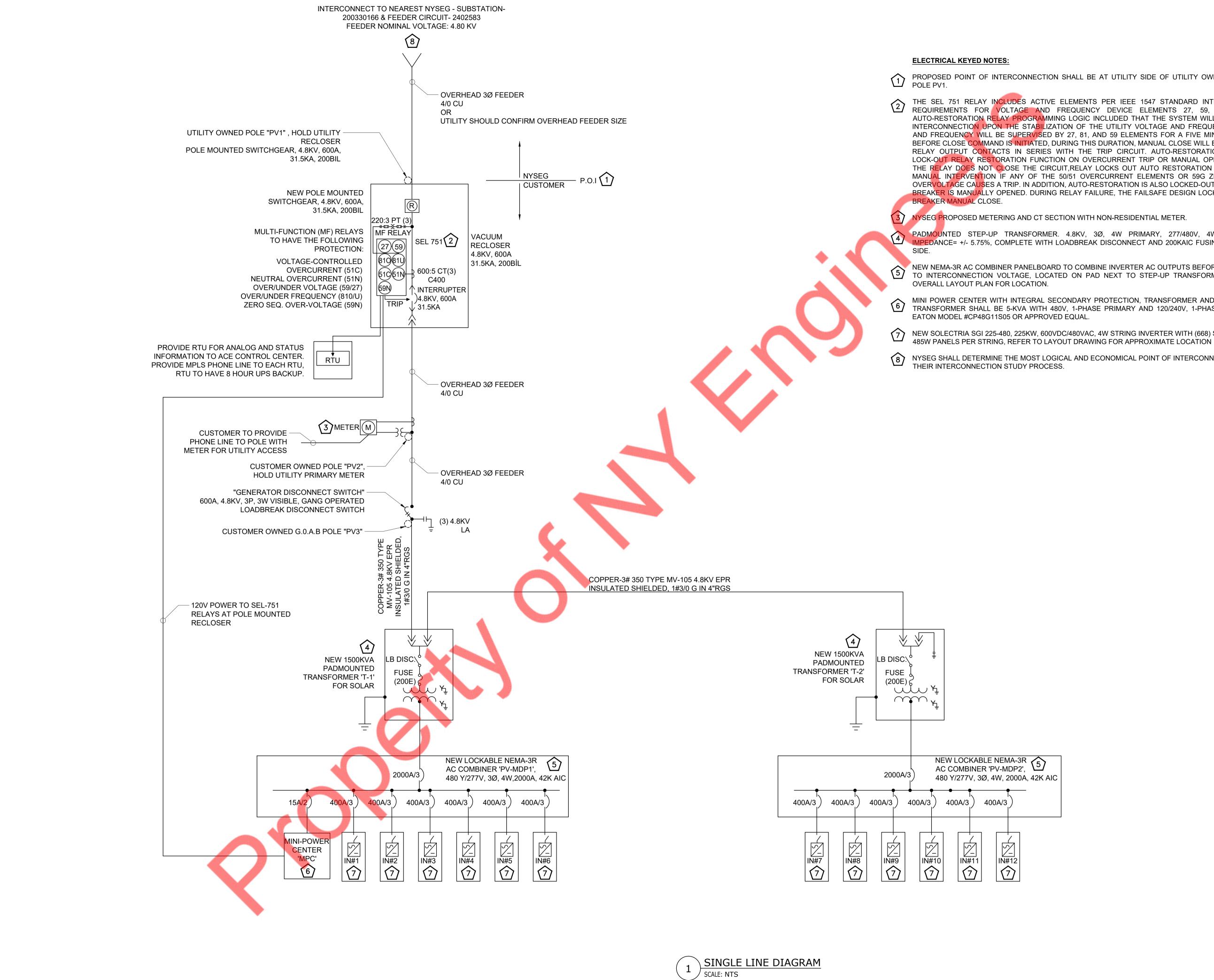


FEEDER NOMINAL 3-PHASE VOLTAGE: 4.80 KV FEEDER MAX. 3-PHASE HOSTING CAPACITY 4.9 MW AC

UTILITY INTERCONNECTION POINT LOCATION DETAILS:

DISTANCE BETWEEN CUSTOMER OWNED STEP UP TRANSFORMER AND NEAREST 2.7 MW AC HOSTING CAPACITY LINE (INTERCONNECTION POINT) IS APPROXIMATELY 5.16 MILE.

4/0 COPPER UNDERGROUND : COPPER-3 # 350 TYPE MV-105 4.8KV EPR INSULATED SHIELDED, 1#3/0 G IN 4"RGS



PROPOSED POINT OF INTERCONNECTION SHALL BE AT UTILITY SIDE OF UTILITY OWNED RECLOSER

THE SEL 751 RELAY INCLUDES ACTIVE ELEMENTS PER IEEE 1547 STANDARD INTERCONNECTION REQUIREMENTS FOR VOLTAGE AND FREQUENCY DEVICE ELEMENTS 27, 59, 81, AND 51C, AUTO-RESTORATION RELAY PROGRAMMING LOGIC INCLUDED THAT THE SYSTEM WILL RESTORE THE INTERCONNECTION UPON THE STABILIZATION OF THE UTILITY VOLTAGE AND FREQUENCY. VOLTAGE AND FREQUENCY WILL BE SUPERVISED BY 27, 81, AND 59 ELEMENTS FOR A FIVE MINUTE DURATION BEFORE CLOSE COMMAND IS INITIATED, DURING THIS DURATION, MANUAL CLOSE WILL BE BLOCKED VIA RELAY OUTPUT CONTACTS IN SERIES WITH THE TRIP CIRCUIT. AUTO-RESTORATION LOGIC WILL LOCK-OUT RELAY RESTORATION FUNCTION ON OVERCURRENT TRIP OR MANUAL OPEN, SUCH THAT THE RELAY DOES NOT CLOSE THE CIRCUIT, RELAY LOCKS OUT AUTO RESTORATION AND REQUIRES MANUAL INTERVENTION IF ANY OF THE 50/51 OVERCURRENT ELEMENTS OR 59G ZERO-SEQUENCE OVERVOLTAGE CAUSES A TRIP. IN ADDITION, AUTO-RESTORATION IS ALSO LOCKED-OUT IF THE CIRCUIT BREAKER IS MANUALLY OPENED. DURING RELAY FAILURE, THE FAILSAFE DESIGN LOCKS-OUT CIRCUIT

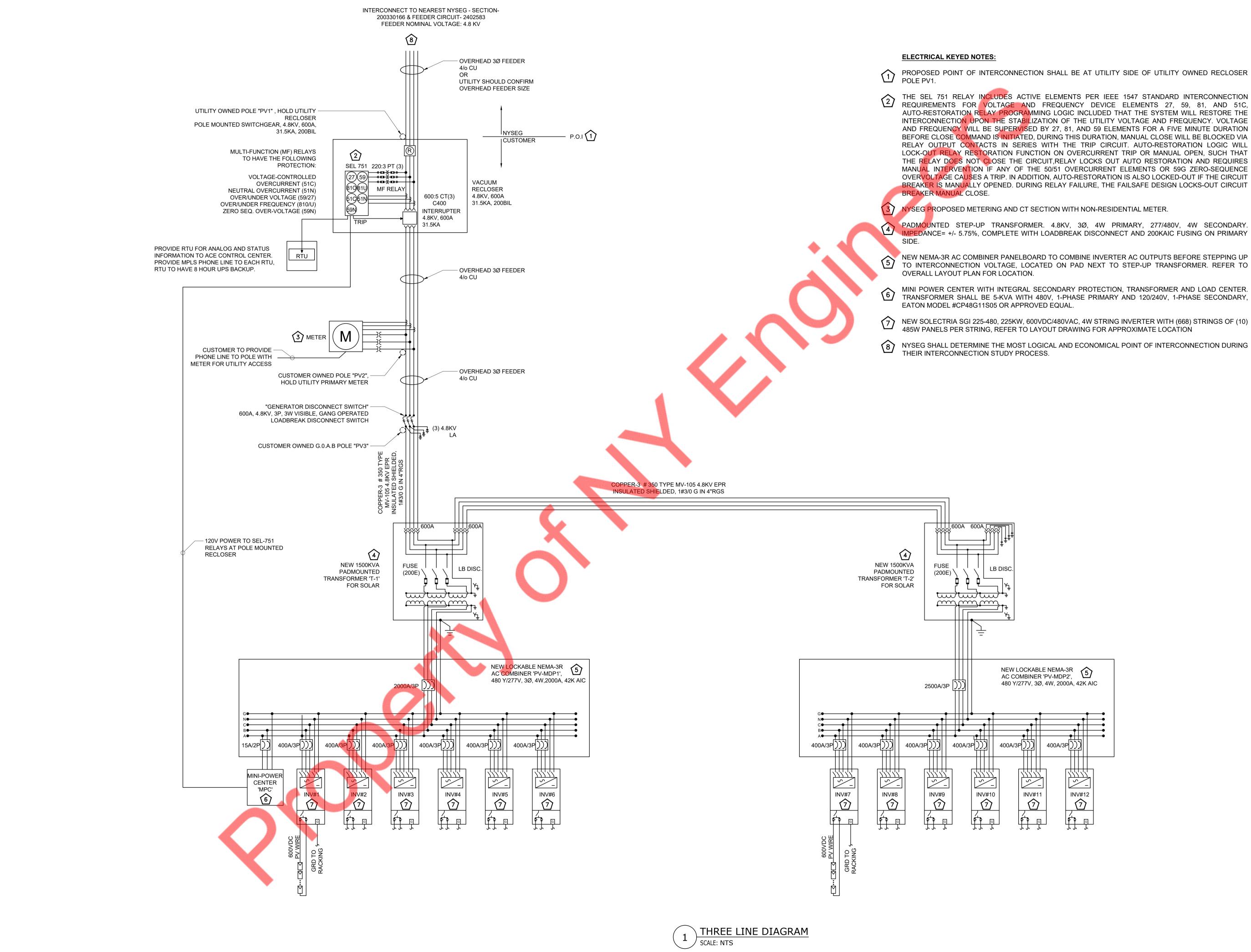
PADMOUNTED STEP-UP TRANSFORMER. 4.8KV, 3Ø, 4W PRIMARY, 277/480V, 4W SECONDARY. 4 IMPEDANCE= +/- 5.75%, COMPLETE WITH LOADBREAK DISCONNECT AND 200KAIC FUSING ON PRIMARY

NEW NEMA-3R AC COMBINER PANELBOARD TO COMBINE INVERTER AC OUTPUTS BEFORE STEPPING UP TO INTERCONNECTION VOLTAGE, LOCATED ON PAD NEXT TO STEP-UP TRANSFORMER. REFER TO

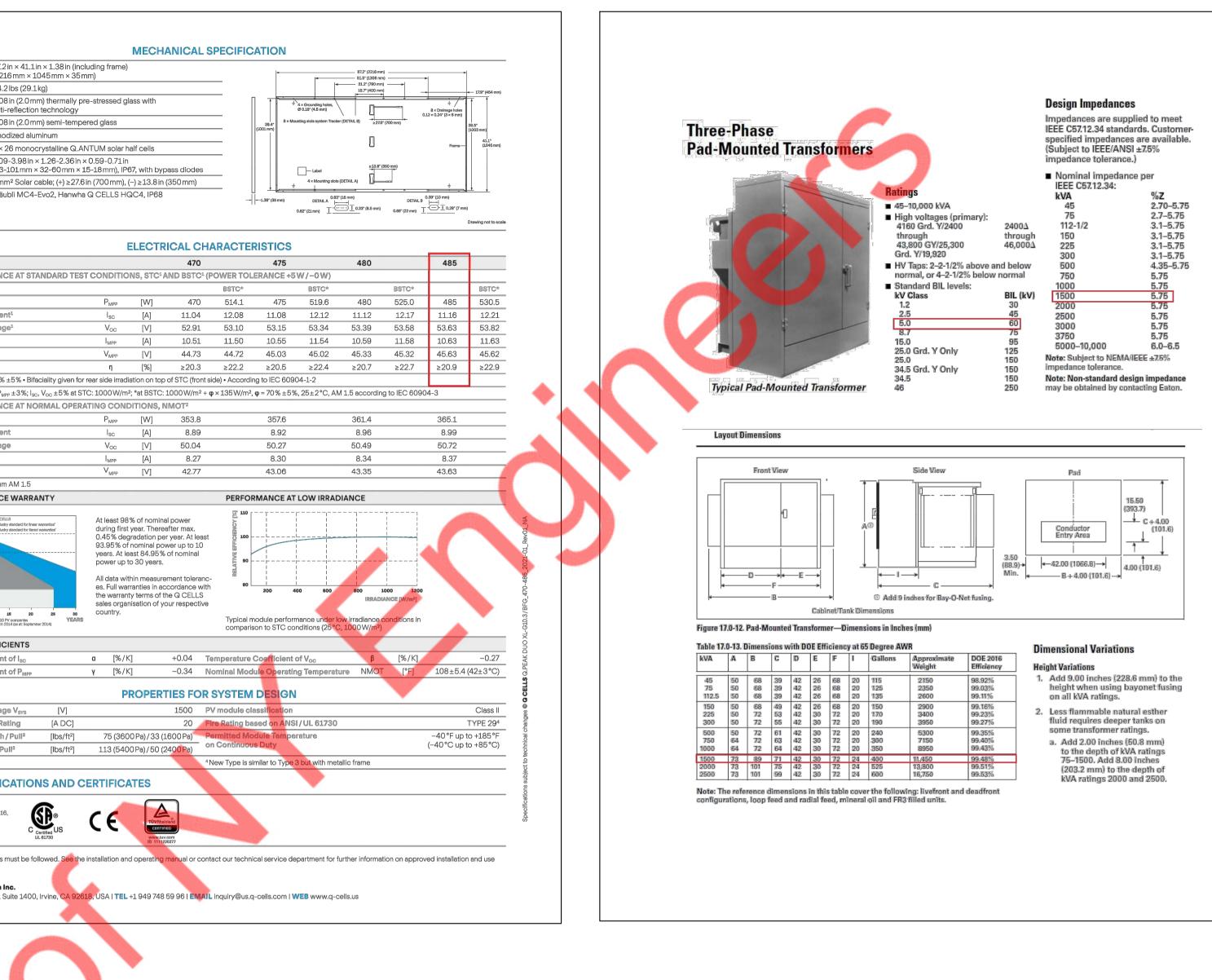
MINI POWER CENTER WITH INTEGRAL SECONDARY PROTECTION, TRANSFORMER AND LOAD CENTER. TRANSFORMER SHALL BE 5-KVA WITH 480V, 1-PHASE PRIMARY AND 120/240V, 1-PHASE SECONDARY,

NEW SOLECTRIA SGI 225-480, 225KW, 600VDC/480VAC, 4W STRING INVERTER WITH (668) STRINGS OF (10)

NYSEG SHALL DETERMINE THE MOST LOGICAL AND ECONOMICAL POINT OF INTERCONNECTION DURING



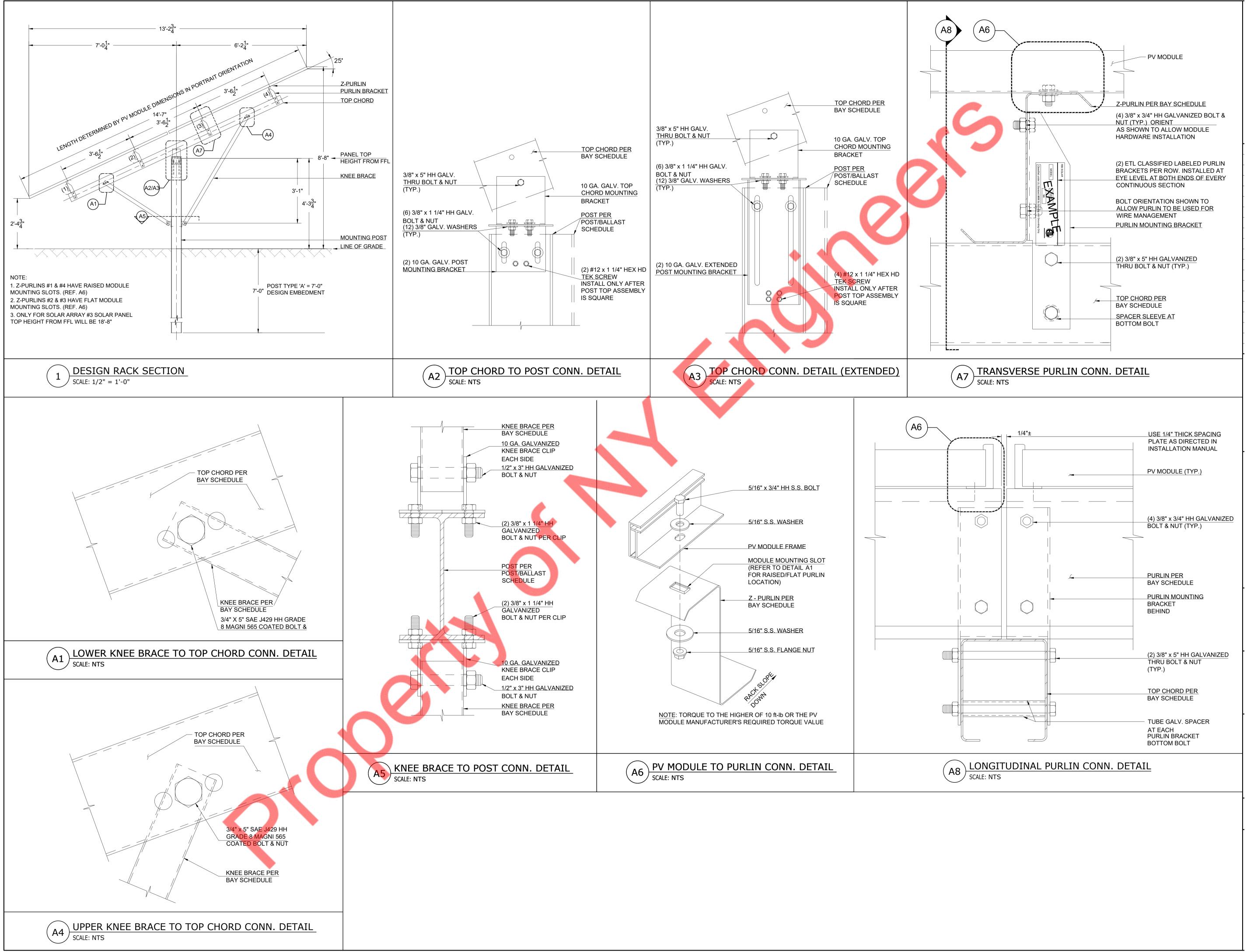
<form></form>			SPECIFICATIONS	SGI 225	SGI 250	SGI 266	SGI 300	SGI 500	SGI 500PE	070243-J	-	Format
						(00)/0	C			5 DOCR-		
	<form></form>		Max Power Input Voltage Range (MPPT)*			300-500	in the second se	1		Contraction of the second s	_	
	<form></form>									lovemb		
			Strike Voltage		202.00					otice. N		
						480 VAC, 3¢	ø+/PE			ithout n	_	
			AC Voltage Range	DOT HW	250 100	-12%/+10	0%	50	1-14/	ange wi		Connector
			Continuous Output Current 480 VAC		301 A					ct to ch	-	
			600 VAC	-	240 A		J	-	_	n subje		
Implicit control control is for the set of the	Important Statutioned	markuret markuret Statute								ormatio		
					Adjustal			at 1		. All info	-	Power
Participandic spring 98.00% 97.0% 98.00% 97.	www.sclucture 98.05% 92.95% 99.5% 90.06% With Michaely (do VXG) 92.95%	Implementation Implementation Implementation Implementation Implementation		325.2 A	361.2 A		432 A	73	2 A	ia Solar		Open
			Performance				-			Solectr		Curren
	Intel dos 28 w 22 w We wanted the second term of th	Interiors 23 W 32 W Anderest Treperature Range (Uul power) 400 His 1227 (400 (50 - 50 (2)) 100 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 400 His 1227 (400 (50 - 50 (2)) 100 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 400 His 1227 (400 (50 - 50 (2)) 100 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 400 His 1227 (400 (50 - 50 (2)) 100 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 101 His 1227 (400 (50 - 50 (2)) 100 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 101 His 1227 (400 (50 - 50 (2)) 101 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 101 His 1227 (400 (50 - 50 (2)) 101 His 1227 (400 (50 - 50 (2)) Steriors Treperature Range (Wul power) 101 His 1227 (400 (50 - 50 (2)) 101 His 1227 (50 (50 His 120 (50 His								skawa -	-	Efficie
Relative fundidity (non-coding) 6.9.9% 6.0.1 Safety Ludge & Cartifications UL12X8/REL15%/CSAC22x3023, RCC part 15.0 0.1 Maintenance Coding Factor 0.1 0.1 0.1 Transformar Standard, fully-integrated 0.1 0.1 Safety Ludge & Safety Coloconnect 0.1 0.1 0.1 0.1 Dimensions (IV va D) 5.970 lbs 0.23 (5.8 g) 0.23 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (7.8 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.7 kg) 0.22 kg) 0.0 A Deficional Consumication 0.25 (5.8 g) 0.20 (5.7 kg) 0.20 kg) 0.0 A Deficional Colume Consumication 0.25 (5.8 g) 0.25 (7.8 kg) 0.0 A 0.0 A Deficional Colume Consumication 0.25 (5.8 g) 0.0 A 0.0 A 0.0 A Deficional Colume Consumication 0.25 (2.9 kg) 0.25 (2.9 kg)	Industry (one-contenting) 6.95% Safery Listings & Certifications UU 27(1)/EE 15%/C5A (2.24017), EC part 15.8 Safery Listings & Certifications UU 27(1)/EE 15%/C5A (2.24017), EC part 15.8 Mathemane Output and participation 0.1 Testing & party 0.1 Automation Output and party 0.1 Mathemane Output and party 0.1 Dimensions (3): KV x 0) 2016; 1580: KK 10: (000 mm 250 ° state relevation Dimensions (2): KV x 0) 2016; 1580: KK 10: (000 mm 250 ° state relevation State of the factor of the	Image: Second			28 V		00C ks 500C)	3	2 W	nt © Yas		
Relative fundidity (non-coding) 6.9.9% 6.0.1 Safety Ludge & Cartifications UL12X8/REL15%/CSAC22x3023, RCC part 15.0 0.1 Maintenance Coding Factor 0.1 0.1 0.1 Transformar Standard, fully-integrated 0.1 0.1 Safety Ludge & Safety Coloconnect 0.1 0.1 0.1 0.1 Dimensions (IV va D) 5.970 lbs 0.23 (5.8 g) 0.23 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (5.7 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.8 g) 0.25 (7.8 kg) 0.22 kg) Texts of Braakers 0.23 (5.8 g) 0.25 (5.7 kg) 0.22 kg) 0.0 A Deficional Consumication 0.25 (5.8 g) 0.20 (5.7 kg) 0.20 kg) 0.0 A Deficional Colume Consumication 0.25 (5.8 g) 0.25 (7.8 kg) 0.0 A 0.0 A Deficional Colume Consumication 0.25 (5.8 g) 0.0 A 0.0 A 0.0 A Deficional Colume Consumication 0.25 (2.9 kg) 0.25 (2.9 kg)	Industry (one-contenting) 6.95% Safery Listings & Certifications UU 27(1)/EE 15%/C5A (2.24017), EC part 15.8 Safery Listings & Certifications UU 27(1)/EE 15%/C5A (2.24017), EC part 15.8 Mathemane Output and participation 0.1 Testing & party 0.1 Automation Output and party 0.1 Mathemane Output and party 0.1 Dimensions (3): KV x 0) 2016; 1580: KK 10: (000 mm 250 ° state relevation Dimensions (2): KV x 0) 2016; 1580: KK 10: (000 mm 250 ° state relevation State of the factor of the	Image: Second								opyrigh	-	
Standard, Integrated 0.1 Definition 0.1 Standard, fully-integrated 0.1 Definition 101 (102 mm) Definition 102 (102 mm) <	Interview	Image: Standard, Integrated 0.1								0		§ Short
The string Agring/ The string Agring/ The string Agring Agring/ The string Agring/ The string Agring Agring/ The string/ The str	Testing across Ti Testing across Timestand (III) (Integrated Testing across Timestand (III) (Integrated Timestand (III) (III) (Station and III) (Station across acros across acros across across across acros across across	Testing Active Testing Active Testing Active Testing Active Active Active Testing Active Active Testing Active Active Testing Active Active Testing Active	Safety Listings & Certifications		UL 1741	1/IEEE 1547, CSA C22.		5 B				E Curre
Marchinel Standard, fully-integrated Concent Transformer Standard, fully-integrated Concent Dimensions (fr. W. K.) Standard, fully-integrated Concent Weight Standard, fully-integrated Concent Weight Standard, fully-integrated Concent Standards Standard Standard, fully-integrated Standard, fully-integrated Standards Standard, fully-integrated Standard, fully-integrated Standard, fully-integrated Optional Standard Standard, fully-integrated Standard, fully-integrated Standard, fully-integrated Optional Standard Standard, fully-integrated Standard, fully-integrated Standard, fully-integrated Standard Optional Standard Standard, fully-integrated Standard Standard Standard Standard Optional Standard Standard Standard Standard Standard <t< td=""><td>Methods Standard, fully-integrated CCCLEPT Transformer July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated Standard, fully-integrated CCCLEPT July-integrated Standard, fully-integrated CCCLEPT Viel pit Standard, fully-integrated CCCLEPT Tures or Breakers Copenhore, 223-400 A is positions; 223-400 A Tures or Breakers Copenhore, 223-400 A is position; 223-400 A Tures or Breakers Copenhore, 223-400 A is position; 223-400 A Standard, Integrated Standard, Integrated Commencedon Data (Standard, Integrated) Standard, Integrated Commencedon Optional Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon Optional Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon <tr< td=""><td>Wence Standard, fully-integrated Construction Transformer Standard, fully-integrated Construction Dimensions (fr. W. x. 0) Standard, fully-integrated Construction Stadard Set Back Standard, fully-integrated Construction Weight State State State State State Construction State set State State State State Construction Construction State set State State State State Construction Construction State set State State</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td><td></td></tr<></td></t<>	Methods Standard, fully-integrated CCCLEPT Transformer July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated July-integrated CCCLEPT July-integrated Standard, fully-integrated CCCLEPT July-integrated Standard, fully-integrated CCCLEPT Viel pit Standard, fully-integrated CCCLEPT Tures or Breakers Copenhore, 223-400 A is positions; 223-400 A Tures or Breakers Copenhore, 223-400 A is position; 223-400 A Tures or Breakers Copenhore, 223-400 A is position; 223-400 A Standard, Integrated Standard, Integrated Commencedon Data (Standard, Integrated) Standard, Integrated Commencedon Optional Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon Optional Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon Standard Standard, Integrated Commencedon <tr< td=""><td>Wence Standard, fully-integrated Construction Transformer Standard, fully-integrated Construction Dimensions (fr. W. x. 0) Standard, fully-integrated Construction Stadard Set Back Standard, fully-integrated Construction Weight State State State State State Construction State set State State State State Construction Construction State set State State State State Construction Construction State set State State</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2</td><td></td></tr<>	Wence Standard, fully-integrated Construction Transformer Standard, fully-integrated Construction Dimensions (fr. W. x. 0) Standard, fully-integrated Construction Stadard Set Back Standard, fully-integrated Construction Weight State State State State State Construction State set State State State State Construction Construction State set State State State State Construction Construction State set State									2	
Af Breaker/0C Disconnect Fully integrated Dimensions (fr. Wr. 10) Ty fir. 10 fully integrated Dimensions (fr. Wr. 20) Storobics Storations (fr. Wr. 20) Storobics Storations (fr. Wr. 20) Storobics Dimensions (fr. Wr. 20) Storobics Storations (fr. Wr. 20) Storobics Storations (fr. Wr. 20) Storobics Projector product coated store) options Type 38 Enclosure finish Polyector product coated store) options, 225-400 A Storobic (Pullows) Storobics, 70-100 A Pares official Storobics, 70-100 A Optional Storobics, 70-100 A Optional Storobics, 70-100 A Optional Storobics, 70-100 A Storobics (fradware Storobics, 70-100 A Storobics, 70-100 A Optional Storobics, 70-100 A Storobics, To Storobics, 70-100 A Storobics, 70-100 A Storobics, To Storobics, 70-100 A Storobics, 70-100 A Storobics, To Storobics, 70-100 A Storobics, 70-100 A Storobics, Trade of Storobics, 70-100 A Storobics, 70-100 A Storobics, Trade of Storobics, 70-100 A Storobics, 70-100 A	AL freske/UC Disconnect Fully-integrated Dimensions (It & W x D) Fully-integrated Prime State State 5320 lbs State State State 5320 lbs Prime State State 5320 lbs Dimensions (It & W x D) 5320 lbs State State State 5320 lbs Disconstruct State 5320 lbs Disconstruct State Fully State State Disconstruct State Fully State State Disconstruct State Fully State State Disconstruct State Fully State State State State State State State Gastae State State State State	Af trasker/IC Disconnect Implementation Dimensions (it W x 0) Storo los Standard set lask Storo los Vieght Storo los Storo los Storo los Partes or Breakers Gostilos, 225-400 A Storo los Storo los Partes or Breakers Gostilos, 225-400 A Storo los Storo los Communication Storo los Storo los Storo los Optional Storo los Storo los Stores Storo lo	Mechanical								100	
Dimensions (H, W, P.) F9 ins (199 mp x1 in, (2007 mm x 2799 mm x1 042 mm) Image: Control of C	Dimensions (H: W x D) Shading Set Back P9 (h, x 10 p/ (h, r 11, r(20) r m x 13/2 p/ m x 10.42 r m) HS7 (h, r(3480 mm) at 30' solar elevation (S550 hS) (S157 kS) (D224 k3) (D157 kS) (D224 k3) Weight Rectosure Rating P3 (b) (S157 kS) (D224 k3) (D157 kS) (D224 k3) P0 (D157 kS) (D224 k3) Stackmarker Rating Palyester pigweler coated steel; optional 316 stainless steel D0224 k3) Stackmarker Rating 0 (D157 kS) (D224 k3) D0224 k3) Stackmarker Rating 0 (D157 kS) (D224 k3) D0224 k3) Stackmarker Rating 0 (D157 kS) (D224 k3) D0224 k3) Stackmarker Rating 0 (D157 kS) (D224 k3) D0224 k3) Stackmarker Rating 0 (D157 kS) (D224 k3) D024 k3) Stacker Rating 0 (D157 kS) (D224 k3) D024 k3) Stacker Rating 0 (D157 kS) (D224 k3) D04 k3) Stacker Rating 0 (D157 kS) (D157 kS) (D224 k3) D04 k3) Stacker Rating 0 (D157 kS) (D157 kS) (D157 kS) (D157 kS) D04 k3) Stacker Rating 0 (D157 kS) (D157 kS) (D157 kS) (D157 kS) (D157 kS) D04 k3) Stacker Rating 0 (D157 kS)	Dimensions (H, W, D) P9 in x 10 proved in (200 cmm x 279 mp. x 1042 mm) Image: Common (100 cmm x 279 mp. x 1042 mm) Bindming Set Back S170 ths S500 ths C100 cmm x 279 mp. x 1042 mm) Image: Common (100 cmm x 279 mp. x 1042 mm) Weight S170 ths S170 ths S170 ths S120 ths S100 ths C100 cmm x 279 mp. x 1042 mm) Tendsaure Finish S170 ths S120 ths S										MER [%]
Weight 5700 bs 5550 bs 6900 bs 7007 bs Inclosure Rating Frye 3R Enclosure Finish Poyrester gowder coated steel; optional 316 stainless steel Subcendinier Options 6 positions, 225-400 Å 8 positions, 225-400 Å Subcendinier Options 6 positions, 225-400 Å 8 positions, 225-400 Å Subcendinier Options 6 positions, 225-400 Å 16 positions, 105-200 Å Subcendinier Options 6 positions, 70-100 Å 32 positions, 70-100 Å Optional Revenue Grade Monitoring Bervice 4000 Å 8000 Å Optional Revenue Grade Monitoring Integrated) 6 somes 8 zomes Optional Sozone" Sub-Array Monitoring Current 6 somes 8 zomes Standard 10, 15, 20 year; extended service agreement; uptime guarantee 10, 4000 ct Virtuaria in verters@solectria.com 978.683.9700 10 states of the social service THREE PHASE STRING INVERTER SPECIFICATION 10 states Specification 10 states of the social service	Weight 5370 bb 5570 bc 6980 bc 7007 bc Inclosure Rating 0246 kg) 10536 kg) (3167 kg) 10224 kg) Inclosure Rating 0290 bc 10224 kg) 10224 kg) Inclosure Rating 0290 bc 10224 kg) 10224 kg) Views of Finals 0290 bc 10224 kg) 10224 kg) Views of Finals 0290 bc 10224 kg) 10224 kg) Views of Finals 0290 bc 0290 bc 10224 kg) Views of Finals 0290 bc 0290 bc 10224 kg) Optional Source 0200 A 800 A 000 A Optional Source 0200 bc 000 A 800 A Optional Source 0200 bc 0200 A 800 A Optional Source 0200 bc 0200 A 800 A Optional 0200 bc 0200 bc 800 A Optional 0200 bc 0200 bc 0200 bc SourceWiew Alls 800 A 000 A 000 A Optional 020 bc 020 bc 020 bc Standard 020 bc 020 bc 020 bc 0	Weight 570 bb 5550 bc 6990 bb 1027 bs Enciosure Rating 102366 kg) 10536 kg) 1025 kg 1022 kg Enciosure Finish Payester powder coated steel: optional 316 stainless steel 1022 kg 1022 kg Subcombiner Options 0 positions, 225-400 Å 8 positions, 225-400 Å 10 positions, 225-400 Å Naces of reakers 0 positions, 225-400 Å 10 positions, 225-400 Å 10 positions, 225-400 Å Subcombiner Options 0 positions, 70-300 Å 10 positions, 70-300 Å 10 positions, 70-300 Å Subcombiner Optional Revenue Grade Monitoring (Integrated) 4000 Å 800 Å 10 mmmer Optional Source SolrentView Al8 800 Å 10 mmmer 10 mmmer Optional Source 10, 15, 20 year; extended service agreement; uptime guarantee 10 mmmer 10 mmmer Warranty Source 978.683.9700 10 mmmer 10 mmmer 10 mmmer Warranty www.solectria.com inverters@solectria.com 978.683.9700 10 mmmer 10 mmmer Warranty www.solectria.com inverters@solectria.com 978.683.9700 10 mmmer 10 mmmer HTREE PHASE STRING INVERTER S	Dimensions (H x W x D)			9 in. x 41 in. (2007 m	m x 2769 mm x 104	2 mm)				NTIVE EFF
Enclosure Rating L300x80 C100 kg) C2x4 kg) Enclosure Finish Polycester powder coated steel: optional 316 stainless steel Subconduiner Options 0 positions, 225-400 Å 8 positions, 225-400 Å Fuses of Breakers 0 positions, 225-400 Å 8 positions, 225-400 Å Fuses of Breakers 0 positions, 225-400 Å 10 positions, 110-200 Å Subconduiner Options 0 positions, 225-400 Å 8 positions, 225-400 Å Subconduiner Options 0 positions, 225-400 Å 8 positions, 225-400 Å Subconduiner Options 0 positions, 110-200 Å 32 positions, 70-100 Å Optional Subcore*/Sub-Array Monitoring (Dicegrated) 0 pointional 0 pointional Optional Culture Communication Interface 8 cones 8 cones Optional 10, 15, 20 year; extended service agreement; uptime guarantee 10 conextended service agreement; uptime guarantee **semaux K-velage www.solectria.com 978.683.9700 Summer Mathematication	Inclosure Rating Inclosure Rating Type 38 Enclosure Finish Pelgester gowder coated steel; optional 316 stainless steel Subcombiner Options 6 positions, 225-400 A 8 positions, 225-400 A Fises of Breakers 6 positions, 225-400 A 8 positions, 225-400 A Det coated steel; optional 316 stainless steel Immediated steel; optional 316 stainless steel Subcombiner Options 6 positions, 70:00 A 32 positions, 70:00 A Data Logger Hardware Standard, Integrated Immediated Optional Staroner*Sub-Array Monitoring (Integrated) 200 A 800 A Optional Staroner*Sub-Array Monitoring (Integrated) 000 A 800 A Optional Staroner*Sub-Array Monitoring (Integrated) 01.15, 20 year; extended service agreement; uptime guarantee Immediated Standard 5 year Immediated service agreement; uptime guarantee Immediated service agreement; uptime guarantee Immediated service agreement; uptime guarantee *** sensentation Inverters@solectria.com 978.683.9700 Immediated service agreement; uptime guarantee Immediated service agreement; uptime guarantee *** sensentation Inverters@solectria.com 978.683.9700 Immediated service agreement; uptime guarantee Immediated service agreement; uptime gua	Inclosure Rating Inclosure Rating Type 38 Enclosure Finish Polycester powder coated steet: optional 316 stainless steel Succombiner Options © positions, 225-400 Å 8 positions, 225-400 Å Fuses of Breakers © positions, 225-400 Å 8 positions, 225-400 Å Puses of Breakers © positions, 225-400 Å 8 positions, 225-400 Å Data Logger Hardware © positions, 205-000 Å 32 positions, 70-100 Å Data Logger Hardware Standard, Integrated Impaired Optional Solzen ("Sub Array Monitoring (Integrated) @ Quo Å 800 Å Optional Solzen ("Sub Array Monitoring (Integrated) @ Quo Å 800 Å Optional Solzen ("Sub Array Monitoring (Integrated) @ Quo Å 800 Å Optional Communication @ Gzeres 8 zones 8 zones Optional Solzen ("Sub Array Monitoring (Integrated) Impaired) Impaired Impaired) Verrange @ Subardware' Modulus Rtru Impaired) Impaired Impaired) Verrange Impaired Impaired) Impaired) Impaired) Impaired) Verrange Impaired Impaired) Impaired) Impaired) Impaired)			13	5650 lbs	solar elevation		7107 lbs			
Enclosure Finish Polyester powder coated steel; optional 316 stainless steel Subcombiner Optional 6 positions, 225-400 A 8 positions, 225-400 A Fuses of Breakers 12 positions, 110-200 A 16 positions, 110-200 A Fuses of Breakers 12 positions, 70-100 A 32 positions, 70-100 A Outcommunication 0 potional 0 potional Optional Celular Communication 6 comes 8 zones Optional Celular Communication 0 soleenView AIR 0 communication Communication Interface RS-485 SunSpec Modulus RTU Max.Deag Warranty SoleenView AIR 0 comes 8 zones Optional 10, 15, 20 year; extended service agreement; uptime guarantee We togottow We togottow We communication inverters@solectria.com 978.683.9700 We togottow We togottow We communication inverters@solectria.com 978.683.9700 We togottow We togottow We communication inverters@solectria.com	Enclosure Finish Polyester powder coated steel; optional 316 stainless steel Subcombiner Options 6.postilons, 225:400 A 8 positions, 110:200 A Fuses on Breakers 6.postilons, 70:00 A 32 positions, 70:00 A Fuses on Breakers 6.postilons, 70:00 A 32 positions, 70:00 A Fuses only 24.positions, 70:00 A 32 positions, 70:00 A Data Logger Hardware Standard, Integrated MaxImum Optional 000 A 800 A Optional Cellular Communication 620nes 8 zones Communication Interface SolrenView AIR	Enclosure Finish Polyester powder coated steel: optional 316 stainless steel Subcombiner Options 6 positions, 225-400 A 8 positions, 125-400 A Fuses on Breakers 12 positions, 110-200 A 16 positions, 110-200 A Fuses on W 22 positions, 70-100 A 32 positions, 70-100 A Optional 000 A 32 positions, 70-100 A Optional 000 A 800 A Optional Cellular Communication 000 A 800 A Optional Cellular Communication 000 A 800 A Communication 000 A 800 A Optional Cellular Communication 000 A 800 A Communication 000 A 800 A Variantiv 8 zenees 90 contal Optional Cellular Communication 00, 5 year 8 zenees Optional 10, 15, 20 year; extended service agreement; uptime guarantee 3.8 contexet ** sense www.solectria.com 978.683.9700 West med Cellular Service agreement; uptime guarantee ** Maximum inverters@solectria.com 978.683.9700 West med Cellular Service agreement; uptime guarantee ** Maximum inverters@solectria.com 978.683.9700 West med Cell		(2346 kg)			R	(3167 kg)	(3224 kg)			ONIPARED
Subscriptions 6 positions, 225:400 Å 8 positions, 225:400 Å Fuses of Breakers 12 positions, 100:200 Å 16 positions, 110:200 Å Fuses of Breakers 12 positions, 70:100 Å 32 positions, 70:100 Å Fuses of Breakers 12 positions, 70:100 Å 32 positions, 70:100 Å Fuses of Ny 24 positions, 70:100 Å 32 positions, 70:100 Å Data Logger Hardware Standard, Integrated Macrimum Optional Celluar Communication 000 Å 8000 Å Optional Celluar Communication Solren/View AlR Macrimum Communication Bis-885 SunSpec Modbus RTU Macrimum Vareabul A: valuer Syger 01:01, 15, 20 year; extended service agreement; uptime guarantee U. 4:030, 0:01, 0:02 does agreement; uptime guarantee V& readeud A: valuer inverters@solectria.com 978.683.9700 Wereaster	Supervision 6 positions, 225-400 Å 8 positions, 225-400 Å Fuses of Breakers 12 positions, 110-200 Å 16 positions, 110-200 Å Fuses only 24 positions, 70-100 Å 32 positions, 70-100 Å Communication 000 Å 900 Å Optional Celluar Communication 000 Å 800 Å Varcanty Solrent/view AIR Rest Rest Varcanty Syster 8 zoines Standard optional 910, 15, 20 year; extended service agreement; uptime guarantee U. 4:000, 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0: 0:	These of Breakers 6 positions, 225:400 Å 8 positions, 225:400 Å Fuses of Breakers 12 positions, 100:200 Å 16 positions, 110:200 Å Fuses only 2 a positions, 70:100 Å 32 positions, 70:100 Å Communication 32 positions, 70:100 Å 32 positions, 70:100 Å Optional Collar Communication 400 Å 800 Å Optional Collar Communication 6 zones 8 zones Optional Collar Communication 5 solren/View AIR Mac. Text Communication 80.4 Å 80.0 Å Optional Collar Communication Solren/View AIR Res. Text Optional Collar Communication Solren/View AIR Res. Text Varcanty Solren/View AIR Res. Text Standard 90:15, 20 year; extended service agreement; uptime guarantee U.s. Rest. Rest. "A conduct Arease Solren/View AIR Res. Add. **revealed Areases 10: 15: 20 year; extended service agreement; uptime guarantee U.s. Rest. Rest. U.s. Rest. Rest. inverters@solectria.com 978.683.9700 Rest. Rest. Communication inverters@solectria.com 978.683.9700 Rest. Rest. Constructure Solren	Enclosure Finish		Polyester po			ss steel				75 0 "Standard with the
These of undexels 12 positions, 110-200 Å 16 positions, 110-200 Å Fues of undexels 12 positions, 70-100 Å 32 positions, 70-100 Å Fues of undexels 24 positions, 70-100 Å 32 positions, 70-100 Å Data Logger Hardware Standard, Integrated MaxImum Optional Revenue Grade Monitoring (Dtc Current) 62 cores 82 reades Optional Cellular Communication Solrenview AIR Max.Tuell Communication Interface R5-485 SunSpec Modbus RTU Max.Tuell Warranty Soleenview AIR Soleenview AIR Soleenview Syear Ut 8179, CC Optional 10, 15, 20 year; extended service agreement; uptime guarantee Ut 8179, CC Versential Ac voltage www.solectria.com 978.683.9700 Were work	Tubes of underess 12 positions, 110-200 Å 16 positions, 110-200 Å Fuses Only 22 positions, 70-100 Å 32 positions, 70-100 Å Data Logger Hardware Standard, Integrated MaxImum Optional Revenue Grade Monitoring (DC Current) 000 Å 800 Å Optional Cellular Communication SoirenView AIR MaxImum Varianty SoirenView AIR Rs-485 Sun5pec Modbus RTU Warranty SoirenView AIR SoirenView AIR SoirenView SoirenView AIR Rs-485 Sun5pec Modbus RTU Warranty SoirenView AIR SoirenView AIR SoirenView SoirenView AIR SoirenView SoirenView Soire	These of obtacles 12 positions, 110-200 A 16 positions, 110-200 A Fuses Only 24 positions, 70-100 A 32 positions, 70-100 A Data Logger Hardware Standard, Integrated 30 and			-			8 position	, 225-400 A			
Communication Data Logger Hardware Solren/Yew TM Monitoring (integrated) Optional Revenue Grade Monitoring (integrated) Optional SolZone TM Sub-Array Monitoring (OC Current) Grade Solren/Yew Sub-Array Monitoring (OC Current) Optional Cellular Communication Communication Interface Warranty Standard Optional Cellular Communication Standard Optional Cellular Communication Warranty Standard Optional Cellular Communication Varianty Standard Optional Cellular Communication Varianty Standard Optional Ust 2000 Cellular Communication Varianty Standard Optional Ust 2000 Cellular Communication Varianty Standard Optional Ust 2000 Cellular Communication Standard Optional Ust 2000 Cellular Communication Varianty Standard Optional Ust 2000 Cellular Communicati	Communication Standard, Integrated Data Logger Hardware Standard, Integrated SolrenView TM Monitoring Service Optional Optional SolZone TM Sub-Array Monitoring (Integrated) 400 A Optional Cellular Communication SolrenView AIR Communication Interface SolrenView AIR Communication Interface RS-A85 SunSpec Modbus RTU Warranty Standard Standard Syear Optional 10, 15, 20 year; extended service agreement; uptime guarantee ***raminal AC wintage www.solectria.com Workstrage www.solectria.com PTREEE PHASE STRING INVERTER SPECIFICATION Solectrification /	Communication Standard, Integrated Data Logger Hardware Standard, Integrated SaternView ³⁴ Monitoring Service Optional Optional Revenue Grade Monitoring (Integrated) 400 A Optional Cellular Communication 6 zones Optional Cellular Communication Solren/View AIR Communication Interface RS-A85 SunSpace Modbus RTU Warranty Standard Standard 5 year Optional 10, 15, 20 year; extended service agreement; uptime guarantee **comminal AE yorkage Wwww.solectria.com 978.683.9700										Temperatu
Solrent/lew ^{an} Monitoring Service Optional Maximum Optional RolZone ^{an} Sub-Array Monitoring (DC Current) 400 A 800 A Optional Clubrar Communication 6 zones 8 zones Optional Clubrar Communication 6 zones 8 zones Varianty 8 zones 9 zones Varianty 8 zones 9 zones Varianty 9 zones </td <td>SoltenView¹⁰ Monitoring Service Optional Maximum Optional Rolzone¹⁰ Sub-Array Monitoring (OC Current) 400 A 800 A Optional Callular Communication 6 zones 8 zones Optional Callular Communication 6 zones 8 zones Optional Callular Communication 6 zones 8 zones Varianty 8 zones 9 zones Varianty 9 zone 9 zones Varianty 9 zones 9 zones Varianty 9 zone 9 zones Varianty 9 zones 9 zones Variantical contrast 10, 15, 20 year; extended service agreement; uptime guarantee Note: installa Variantical contrast 9 zones 9 zones Note: installa Variantical contrast 10, 15, 20 year; extended service agreement; uptime guarantee Note: installa Variantical contrast 9 zones 9 zones Note: installa Variantical contrast 9 zones</td> <td>SolrenView^W Monitoring Service Optional MaxImum Optional Revenue Grade Monitoring (Integrated) 400 A 800 A Optional Cellular Communication 6 zones 8 zones Varianty 8 zones 9 zones Varianty 0 zones 0 zones Variantial Contract 0 zones 0 zones</td> <td>Communication</td> <td></td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>au</td>	SoltenView ¹⁰ Monitoring Service Optional Maximum Optional Rolzone ¹⁰ Sub-Array Monitoring (OC Current) 400 A 800 A Optional Callular Communication 6 zones 8 zones Optional Callular Communication 6 zones 8 zones Optional Callular Communication 6 zones 8 zones Varianty 8 zones 9 zones Varianty 9 zone 9 zones Varianty 9 zones 9 zones Varianty 9 zone 9 zones Varianty 9 zones 9 zones Variantical contrast 10, 15, 20 year; extended service agreement; uptime guarantee Note: installa Variantical contrast 9 zones 9 zones Note: installa Variantical contrast 10, 15, 20 year; extended service agreement; uptime guarantee Note: installa Variantical contrast 9 zones 9 zones Note: installa Variantical contrast 9 zones	SolrenView ^W Monitoring Service Optional MaxImum Optional Revenue Grade Monitoring (Integrated) 400 A 800 A Optional Cellular Communication 6 zones 8 zones Varianty 8 zones 9 zones Varianty 0 zones 0 zones Variantial Contract 0 zones 0 zones	Communication		6						-	au
Optional Revenue Grade Monitoring (Integrated) 400 A 800 A Optional SolZone ^{IIII} Sub-Array Monitoring (DC Current) 6 zones 8 zones Optional Cellular Communication SolrenView AIR Max. Desit Communication Interface RS-485 SunSpec Modbus RTU Max. Test Varianty Standard 5 year U. 6270. Cellular Communication Standard 0.0 15, 20 year; extended service agreement; uptime guarantee U. 6270. Cellular Communication Verseminal AC voltage www.solectria.com 978.683.9700 Mote: Instaliat of this product A00 Spectrum THREE PHASE STRING INVERTER SPECIFICATION THREE PHASE STRING INVERTER SPECIFICATION Xore Streament Yore Streament	Optional Revenue Grade Monitoring (Integrated) 400 Å 800 Å Optional SolZone ^{IIII} Sub-Array Monitoring (IC Current) 6 zones 8 zones Optional Cellular Communication SolrenView AIR Max. Desit Communication Interface Rs-485 SunSpec Modus RTU Max. Test Varianty Standard 5 year U. 6270. Cellular Communication Standard 10, 15, 20 year; extended service agreement; uptime guarantee U. 6270. Cellular Communication *At rominal AC woltage www.solectria.com 978.683.9700 Mote: Installat of this product Allow State of this product and the service agreement; uptime guarantee Mote: Installat of this product allow State of this product allow	Optional Revenue Grade Monitoring (Integrated) 400 Å 800 Å Optional SolZone ¹⁰⁵ Sub-Array Monitoring (DC Current) 6 zones 8 zones Optional Cellular Communication SolrenView AIR Image: Tellular Communication Communication Interface RS-485 SunSpec Modbus RTU Image: Tellular Communication Varianti Sycar Image: Tellular Communication Image: Tellular Communication Standard Sycar Image: Tellular Communication Image: Tellular Communication Standard Sycar Image: Tellular Communication Image: Tellular Communication Variantive Standard Sycar Image: Tellular Communication Image: Tellular Communication Variantive Standard Sycar Image: Tellular Communication Image: Tellular Communication Variantive Standard Sycar Image: Tellular Communication										
Optional Cellular Communication SolrenView AIR SolrenView AIR <td>Optional Cellular Communication SolrenView AIR </td> <td>Optional Cellular Communication SolrenView AIR Image: Communication Image: Communication</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Maximum</td>	Optional Cellular Communication SolrenView AIR	Optional Cellular Communication SolrenView AIR Image: Communication										Maximum
Communication Interface RS-485 SunSpec Modbus RTU Standard Syear Optional 10, 15, 20 year; extended service agreement; uptime guarantee *At nominal AC voltage VARSKANNA SOLECTRIA SOLAR www.solectria.com Www.solectria.com 978.683.9700 THREE PHASE STRING INVERTER SPECIFICATION 00 Spectrum	Communication Interface R5-485 SunSpec Modbus RTU Varianty Syear Optional 6 year U.L. 0120, E20 0, 15, 20 year; extended service agreement; uptime guarantee Variantial AC voltage Www.solectria.com Variantial AC voltage Www.solectria.com VARE PHASE STRING INVERTER SPECIFICATION Variante	Communication Interface R5-485 SunSpec Modbus RTU Varianty Syear Standard Syear Optional 10, 15, 20 year; extended service agreement; uptime guarantee *Armeninal AC voltage VASSKANAA www.solectria.com 978.683.9700 Moter mitrus Moter mitrus THREE PHASE STRING INVERTER SPECIFICATION	Optional Calzena Meuh Arrey Menitaring (DC Current)		6 Z 0 1	les		8 Z	ones			Max. Desig
Standard Syear Optional 10, 15, 20 year; extended service agreement; uptime guarantee *At nominal AC wittage U.6.1720, CE Www.solectria.com inverters@solectria.com 978.683.9700 THREE PHASE STRING INVERTER SPECIFICATION 00 Spectrum	Standard 6 year Optional 10, 15, 20 year; extended service agreement; uptime guarantee *At nominal AC voltage U.6.1720, CE VACE: In the USA U.6.1720, CE *At nominal AC voltage U.6.1720, CE VOLDE: CTRIA SOLE Www.solectria.com inverters@solectria.com 978.683.9700 *HREE PHASE STRING INVERTER SPECIFICATION THREE PHASE STRING INVERTER SPECIFICATION	Standard 5 year Optional 10, 15, 20 year; extended service agreement; uptime guarantee *** nominal AC voltage U.S. Plant Medical AC voltage VALUE TRANSPORT www.solectria.com www.solectria.com 978.683.9700 THREE PHASE STRING INVERTER SPECIFICATION 00 Spectrum		0		SolrenView	v AIR					Max. Test
Optional 10, 15, 20 year; extended service agreement; uptime guarantee UEC 61255.00 **At nominal AC voltage Sector Markov Sector S	Optional 10, 15, 20 year; extended service agreement; uptime guarantee UEC 61255.00 **At nominal AC voitage Schert NG Schert NG VASSEKANDA SOLECTRIA SOLAR inverters@solectria.com 978.683.9700 Note: Installad of this produce 400 Spectrum THREE PHASE STRING INVERTER SPECIFICATION Intervention Intervention	Optional 10, 15, 20 year; extended service agreement; uptime guarantee UEC 4128:200 **At nominal AC voltage Www.solectria.com 10, 15, 20 year; extended service agreement; uptime guarantee UEC 4128:200 VALUE TRIME Www.solectria.com 10, 15, 20 year; extended service agreement; uptime guarantee UEC 4128:200 VALUE TRIME Www.solectria.com 978.683.9700 Wole Trime USA THREE PHASE STRING INVERTER SPECIFICATION 00 Spectrum	Optional Cellular Communication Communication Interface	0								Max. Test
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage	Q	10, 15, 20 yea	RS-485 SunSpec M 5 year ar; extended service a	Modbus RTU greement; uptime ;	guarantee				Max. Test ³ See Install UL 61730, CE IEC 61215:20 U.S. Patent Nk (solar cells); Certification I lote: Installa
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage	om inverters@s	10, 15, 20 yea	RS-485 SunSpec M 5 year ar; extended service a	Modbus RTU greement; uptime ;	guarantee	MADE IN TR	USA		Max. Test ³ See Install UL 61730, CE IEC 61215:20 U.S. Patent No (solar cells); Certification in lote: Installa f this produce lanwha Q C
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage YASKAAWA SOLECTRIA SOLAR www.solectria.co		10, 15, 20 yea	RS-485 SunSpec A 5 year ar; extended service a 1 978.683.97	Modbus RTU greement; uptime	guarantee	MADE IN TR	USA		Max. Test I ³ See Installa UL 61730, CE- IEC 61215:201 U.S. Patent No (solar cells); Certification in Certification in Certification Spectrum
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage *At nominal AC voltage www.solectria.co		10, 15, 20 yea	RS-485 SunSpec A 5 year ar; extended service a 1 978.683.97	Modbus RTU greement; uptime	guarantee	MADE IN TR	USA		Max. Test I ³ See Installa UL 61730, CE- IEC 61215:201 U.S. Patent No. (solar cells); Certification in Iote: Installati f this product lanwha Q CE 00 Spectrum
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage YASKAWA SOLECTRIA SOLAR www.solectria.co		10, 15, 20 yea	RS-485 SunSpec A 5 year ar; extended service a 1 978.683.97	Modbus RTU greement; uptime	guarantee				Max. Test ³ See Install UL 61730, CE IEC 61215:20 U.S. Patent N/k (solar cells); Certification I lote: Installa f this product lanwha Q C 00 Spectrur
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage YASKAWA SOLECTRIA SOLAR www.solectria.co		10, 15, 20 yea	RS-485 SunSpec A 5 year ar; extended service a 1 978.683.97	Modbus RTU greement; uptime	guarantee				Max. Test ³ See Installa ⁹ See Installa ¹⁰ CE 61215:20: U.S. Patent No (solar cells); Certification ir lote: Installat f this produc: lanwha Q CI 00 Spectrum
			Optional Cellular Communication Communication Interface Warranty Standard Optional *At nominal AC voltage *At nominal AC voltage www.solectria.co		10, 15, 20 yea	RS-485 SunSpec A 5 year ar; extended service a 1 978.683.97	Modbus RTU greement; uptime	guarantee				Max. Test I ³ See Installa UL 61730, CE- IEC 61215:201 U.S. Patent No. (solar cells); Certification in Iote: Installati f this product lanwha Q CE 00 Spectrum

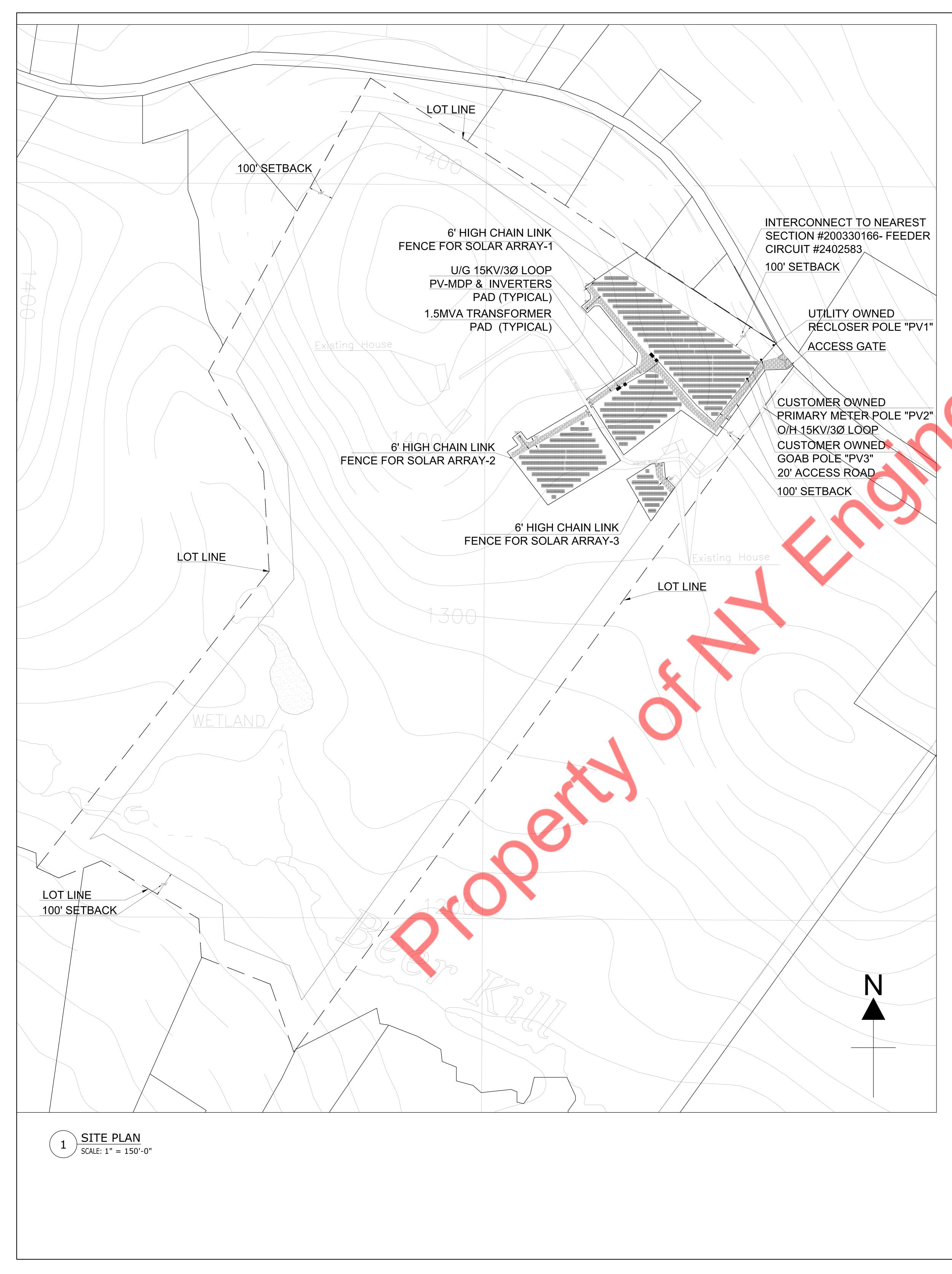


W MODULE SPECIFICATION

PAD MOUNTED TRANSFORMER SPECIFICATION SCALE: NTS

3







BULK REQUIREMENTS:

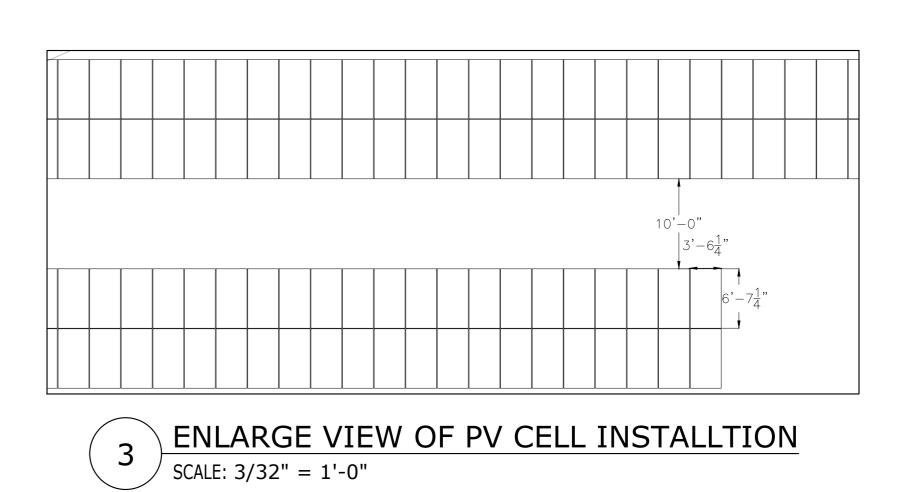
§310-6.3 (S) SOLAR ENERGY SYSTEM, LARGE SCALE.

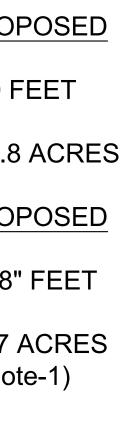
MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROF
SETBACK:	100 FEET	100 F
LOT SIZE:		123.8
MAXIMUM ALLOWABLE	REQUIRED	PROF
HEIGHT:	35 FEET	18'-8"
LOT COVERAGE:		3.37 A
NOTE-1		(Not

ONE SOLAR PANEL AREA = 22.28 SQ. FEET

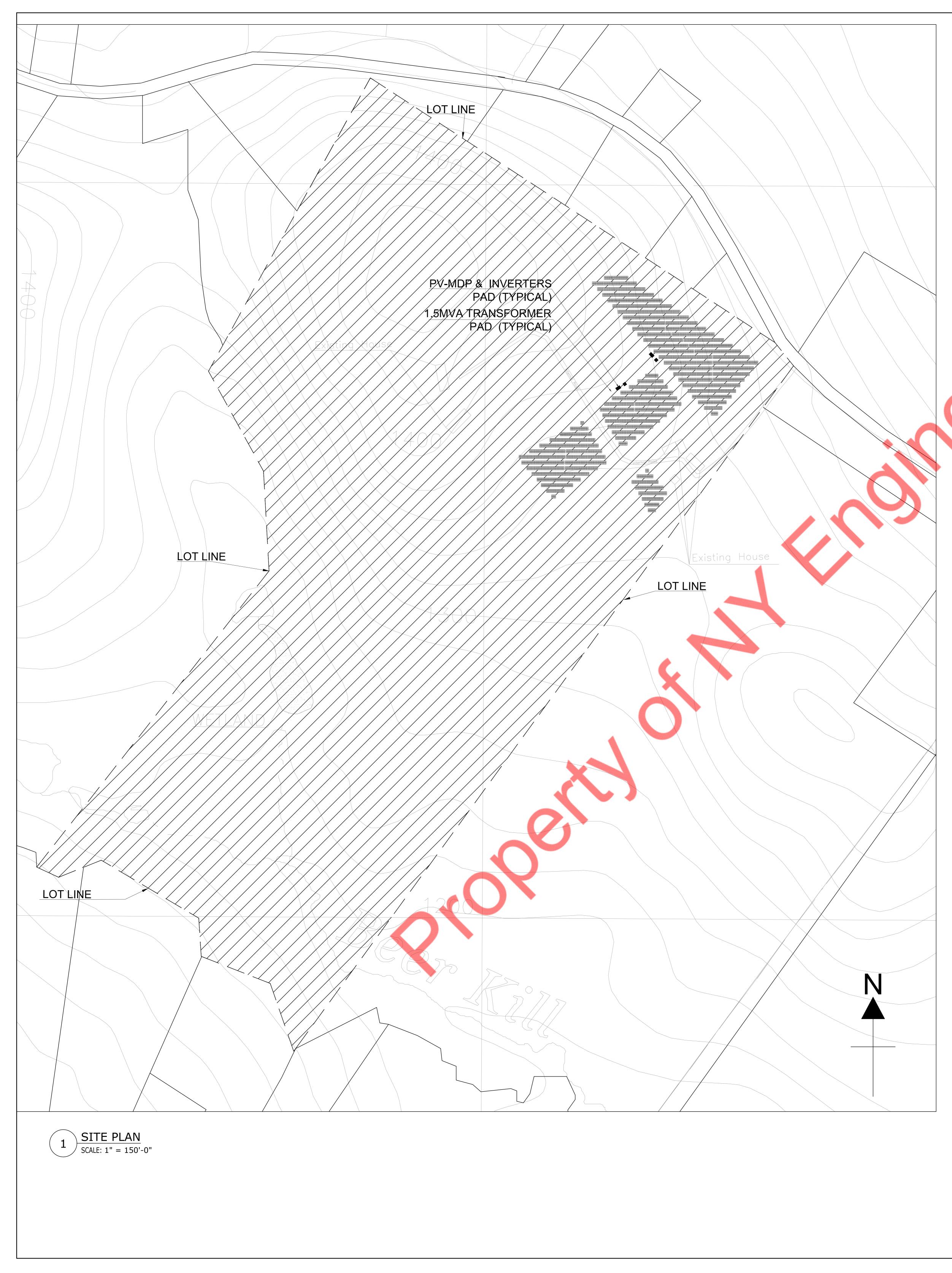
TOTAL 6596 SOLAR PANEL COVERAGE AREA=146959 SQ.FEET = 3.37 ACRES LOT TOTAL AREA= 123.8 ACRES

TOTAL SOLAR PANEL COVERAGE AREA= 3.37 ACRES= 2.7% LOT COVER BY SOLAR PANELS.











BULK REQUIREMENTS:

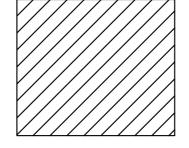
§310-6.3 (S) SOLAR ENERGY SYSTEM, LARGE SCALE.

MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROF
SETBACK:	100 FEET	100 F
LOT SIZE:		123.8
MAXIMUM ALLOWABLE	REQUIRED	PROF
HEIGHT:	35 FEET	18'-8"
LOT COVERAGE:		3.37 A (Note
NOTE-1		

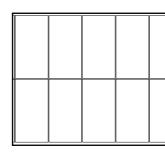
ONE SOLAR PANEL AREA = 22.28 SQ. FEET

TOTAL 6596 SOLAR PANEL COVERAGE AREA=146959 SQ.FEET = 3.37 ACRES LOT TOTAL AREA= 123.8 ACRES

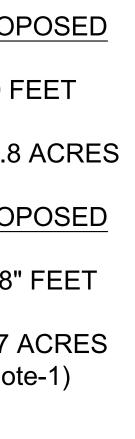
TOTAL SOLAR PANEL COVERAGE AREA= 3.37 ACRES= 2.7% LOT COVER BY SOLAR PANELS.



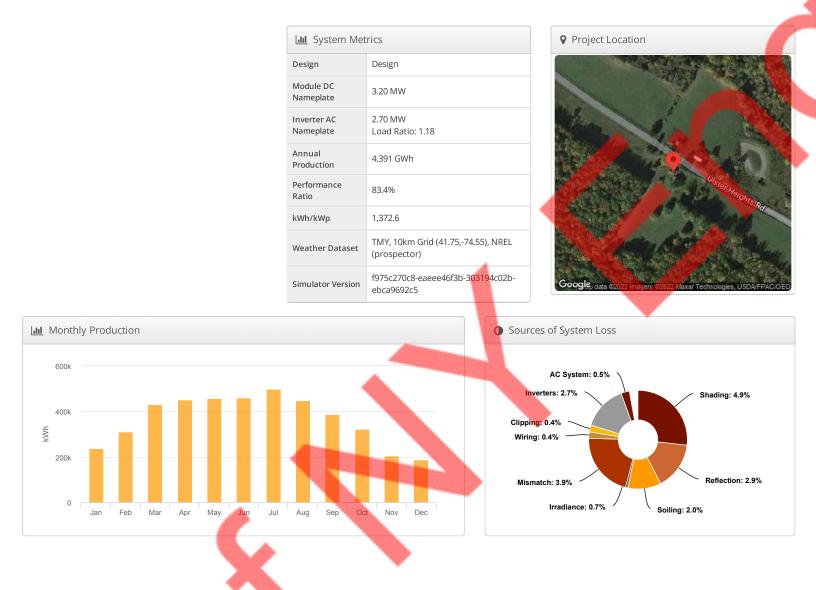
TOTAL OPEN LOT AREA = 120.43ACRES



TOTAL SOLAR SYSTEM COVERAGE AREA = 3.37 ACRES



Helioscope Generation Report



	Description	Output	% Delta	Description	Condition Set 1			
	Annual Global Horizontal Irradiance	1,421.2		Weather Dataset	TMY, 10km Grid	(41.75,-74.55), N	REL (prospector)
	POA Irradiance	1,645.5	15.8%	Solar Angle Location	Meteo Lat/Lng			
rradiance kWh/m²)	Shaded Irradiance	1,564.5	-4.9%	Transposition Model	Perez Model			
	Irradiance after Reflection	1,519.7	-2.9%					
	Irradiance after Soiling	1,489.3	-2.0%	Temperature Model	Sandia Model			
	Total Collector Irradiance	1,489.3	0.0%		Rack Type	a ł	D Tem	perature Delta
	Nameplate	4,764,856.0			Fixed Tilt	-3.56 -	0.075 3°C	
	Output at Irradiance Levels	4,733,388.1	-0.7%	Temperature Model Parameters	Flush Mount	-2.81 -	0.0455 0°C	
	Output at Cell Temperature Derate	4,757,883.6	0.5%	- di di la cono	East-West	-3.56 -	0.075 3°C	
Energy	Output After Mismatch	4,571,607.4	-3.9%		Carport	-3.56 -	0.075 3°C	
(kWh)	Optimal DC Output	4,554,195.2	-0.4%		J F M	A M	A	S O N I
	Constrained DC Output	4,535,168.2	-0.4%	Soiling (%)	2 2 2	2 2	2 2 2	2 2 2 2
	Inverter Output	4,413,174.0	-2.7%	Irradiation Variance	5%			
	Energy to Grid	4,391,108.0	-0.5%	Trradiation variance	5%			
Temperature	Metrics			Cell Temperature Spread	4° C			
	Avg. Operating Ambient Temp		9.0 °C					
	Avg. Operating Cell Temp		16.1 °C	Module Binn <mark>ing</mark> Range	-2.5% to 2.5%			
Simulation M	letrics			AC System Derate	0.50%			
		Operating Hours	4690				Uploaded	
		Solved Hours	4690	Module	Module		Ву	Characterization
				Module Characterizations	Q.PEAK DUO XL (2021) (Hanwha	G10.3/BFG 485 a)	HelioScope	Spec Sheet Characterization, PAN
				Component	Device	Uploaded By	Charact	erization

🖨 Compo	onents	
Component	Name	Count
Inverters	SGI 225-480 (Solectria)	12 (2.70 MW)
Strings	10 AWG (Copper)	668 (153,140.6 ft)
Module	Hanwha, Q.PEAK DUO XL- G10.3/BFG 485 (2021) (485W)	6,596 (3.20 MW)

🔒 Wiring Zoi	nes								
Description		Combiner Poles			String Size	Stringin	g Strateg	у	
Wiring Zone	-	-	2		7-10	Along R	acking		
III Field Segn									
Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Portrait (Vertical)	25°	180°	10.0 ft	2x1	1,732	3,464	1.68 MW
Field Segment 3	Fixed Tilt	Portrait (Vertical)	25°	180°	10.0 ft	2x1	666	1,332	646.0 kW
Field Segment 3	Fixed Tilt	Portrait (Vertical)	25°	180°	10.0 ft	2x1	729	1,458	707.1 kW
Field Segment 4	Fixed Tilt	Portrait (Vertical)	25°	180°	10.0 ft	2x1	171	342	165.9 kW

Oetailed Layout



