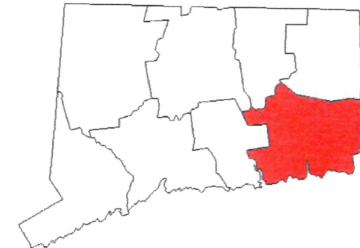


SOLAR PHOTOVOLTAIC TOTAL SYSTEM SIZE:
TOTAL RATED POWER= 1,264 kW DC (1000 kW AC)
(3200) CANADIAN BIHIKU 395W MODULES
(128) PARALLEL STRINGS OF (25) MODULES PER STRING
(8) SOLECTRIA XGI 1500-125/125
POST DRIVEN MOUNTING SYSTEM (2-HIGH PORTRAIT) @ 25° TILT



2 SITE LOCATION MAP
SCALE: N.T.S.



3 STATE COUNTY MAP
NEW LONDON COUNTY, CT



4 SAMPLE GROUND MOUNT IMAGE
SCALE: N.T.S.

REVISIONS			
NO.	DESCRIPTION	BY	DATE
2	FOR PERMIT	AR	05/18/20
1	CLIENT COMMENTS	AR	05/01/20

PROJECT TITLE:
ELMRIDGE GOLF COURSE
SOLAR PHOTOVOLTAIC SYSTEM

SITE:
ELMRIDGE GOLF COURSE
WEST ARRAY - SYSTEM A
INT #33848
229 ELMRIDGE ROAD
PAWCATUCK, CT 06379

OWNER:

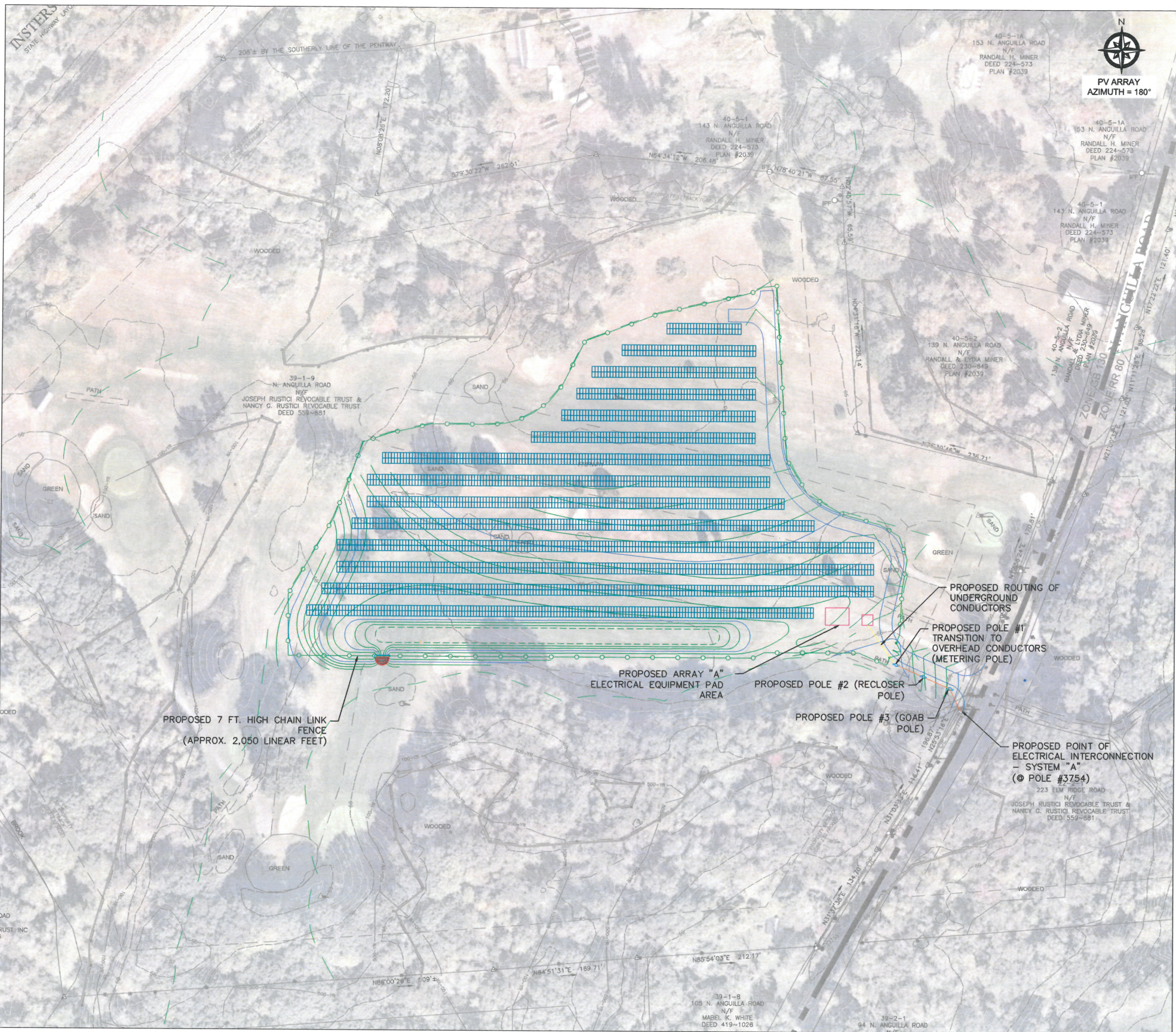
ADVANCED SOLAR PRODUCTS
Dedicated to Building a Sustainable Future
270 SOUTH MAIN STREET
FLEMINGTON, NJ 08822
908-751-5818 (PHONE)
908-751-5819 (FAX)
Me@advancedsolarproducts.com

NJ CERTIFICATE OF AUTHORIZATION LICENSE
NO.: 24GA28102500

DRAWN: DATE: 04/09/2020
REV: DATE:
CHECKED: DATE:

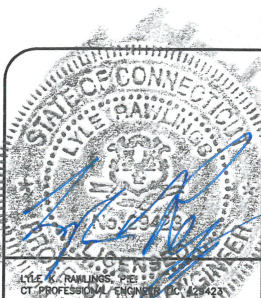
SCALE: NONE **DWG. NO.:** E-2

DRAWING TITLE:
SITE PLAN



1 SITE PLAN
SCALE: 1"=40'
(GRAPHIC SCALE: SHOWN IN FEET)

FOR PERMITTING



NOTES:
A) CODES AND STANDARDS:
ALL EQUIPMENT, MATERIALS, AND METHODS SHALL MEET THE FOLLOWING CODES AND STANDARDS:
- NATIONAL ELECTRICAL CODE, 2017 ED.
- UL 1741
- UL 1703
- UL 1699B
- IEEE 929-2000
- ALL OTHER APPLICABLE NATIONAL, STATE AND LOCAL CODES

B) SIGNAGE NOTES:
1. WARNING: THIS FACILITY IS SERVED BY A PHOTOVOLTAIC GENERATING SOURCE. THE PHOTOVOLTAIC AC DISCONNECT MEANS ARE LOCATED WITHIN THIS PANEL. THE PHOTOVOLTAIC DC DISCONNECT MEANS ARE LOCATED WITHIN THE INVERTERS.
2. ALL AC & DC FUSES & DISCONNECTS TO BE LABELED:
WARNING: ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION.
3. WARNING: IF A GROUND FAULT IS DETECTED, THE NORMALLY GROUNDING CONDUCTORS MAY BE ENERGIZED AND UNGROUNDED.
4. CAUTION - HIGH VOLTAGE - KEEP OUT
DANGER - HIGH VOLTAGE - QUALIFIED PERSONS ONLY
5. WARNING: THIS EQUIPMENT IS FED BY MULTIPLE SOURCES TOTAL RATING OF ALL OVERCURRENT DEVICES, EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE, SHALL NOT EXCEED AMPACITY OF BUSBAR

C) INVERTER PROTECTIVE FUNCTIONS:
1. OVER VOLTAGE, UNDER VOLTAGE, OVER FREQUENCY & UNDER FREQUENCY PROTECTIONS BUILT INTO INVERTER PER UL 1741

D) DESIGN HIGH AMBIENT TEMPERATURE = 32°C
& DESIGN LOW AMBIENT TEMPERATURE = -19°C

SOLAR PHOTOVOLTAIC TOTAL SYSTEM SIZE:
TOTAL RATED POWER= 1,264 kW DC (1000 kW AC)
(3200) CANADIAN BIHIKU 395W MODULES
(128) PARALLEL STRINGS OF (25) MODULES PER STRING
(8) SOLECTRIA XGI 1500-125/125
STRING VALUES: Vmp = 962.5 VDC; Voc = 1175 VDC; Vmax = 1325 VDC

EQUIPMENT SPECIFICATIONS

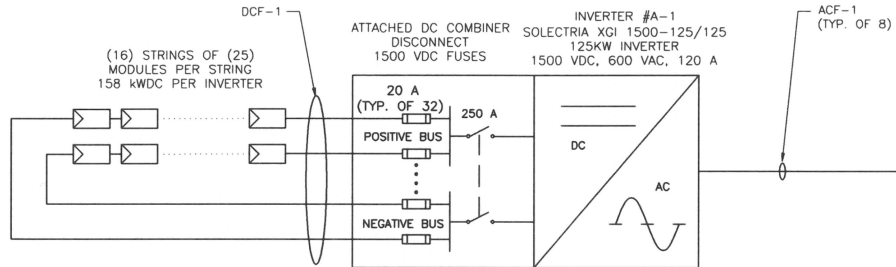
CANADIAN SOLAR CS3W-395PB-AG BIFACIAL HALF-CELL MODULE:				SOLECTRIA XGI 1500-125/125:	
PEAK POWER (+3W-0W)	Pmax	395 W		AC MAXIMUM OUTPUT POWER	125 kW / 125 kVA
OPERATING VOLTAGE	Vmp	38.50 V		AC OUTPUT VOLTAGE (3Φ)	600 VAC
OPERATING CURRENT	Imp	10.26 A		AC MAXIMUM OUTPUT CURRENT	120 A
OPEN CIRCUIT VOLTAGE	Voc	47.00 V		DC MAXIMUM VOLTAGE	1500 VDC
SHORT CIRCUIT CURRENT (RATED)	Isc	10.82 A		DC MAXIMUM CURRENT	320 A
SHORT CIRCUIT CURRENT (5% BOOST)	Isc+	11.36 A		MPPT VOLTAGE RANGE	860-1450 VDC

TABLE 1 - FEEDER SCHEDULE

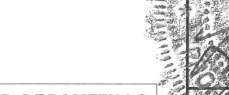
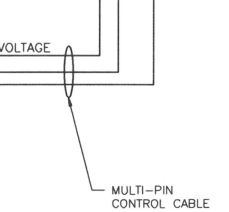
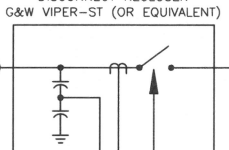
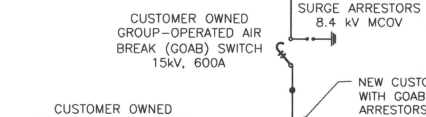
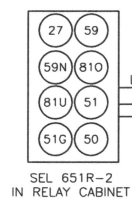
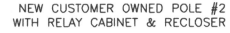
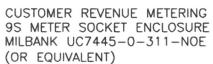
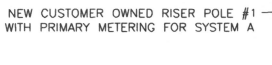
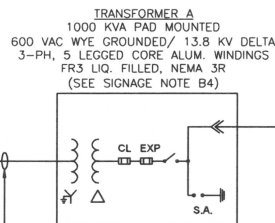
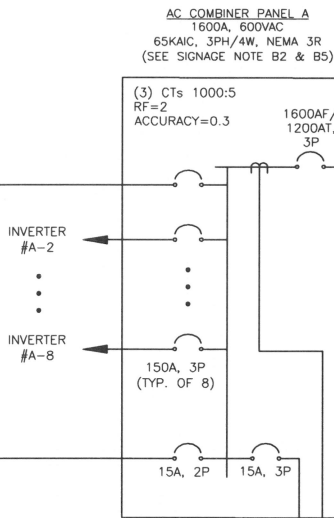
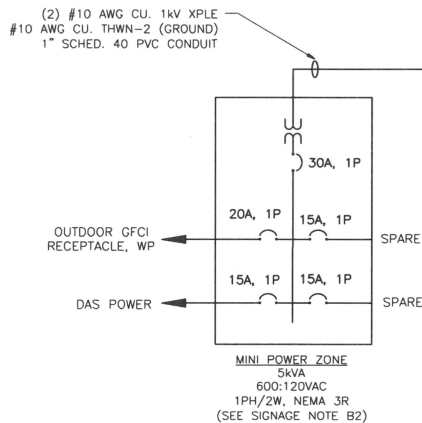
DC FEEDERS					
FEEDER	DC CONDUCTORS	CONDUCTORS PER POLARITY	CONDUCTORS PER INVERTER	EQUIPMENT GROUND	CONDUIT(S) PER INVERTER
DCF-1	#10 AWG CU. 2kV XLPE (PV WIRE)	1	32	#6 AWG CU. BARE	1 2" SCH. 40 PVC
AC FEEDERS					
FEEDER	AC 3Φ CONDUCTORS	CONDUCTORS PER PHASE	NEUTRAL (PER CONDUIT)	EQUIPMENT GROUND (PER CONDUIT)	CONDUIT(S)
ACF-1	#1/0 AWG CU. 1kV XLPE	1	#6 AWG. CU 1kV XPLE	#6 AWG CU. THWN-2	1 2" SCH. 40 PVC
ACF-2	500 KCMIL CU. 1kV XLPE	4	#2/0 AWG. CU 1kV XPLE	#3/0 AWG CU. THWN-2	2 5" SCH. 40 PVC
ACF-3	#2 AWG CU. MV-105, 15kV, 133% EPR SHIELDED PVC JACKET	1	N/A	#4 AWG CU. BARE	1 3" SCH. 40 PVC

TABLE 2 - AC FEEDER CALCULATIONS

FEEDER	CONDUCTORS PER PHASE/POLARITY	CONDUIT FILL %	AMBIENT TEMP. (°C)	TEMP. CORRECTION FACTOR	CURRENT CARRYING CONDUCTORS CORRECTION FACTOR	TOTAL REQUIRED AMPACITY	REQUIRED OCPD (AMPS)	TOTAL 75°C AMPACITY	TOTAL 90°C AMPACITY	TOTAL 105°C AMPACITY	TOTAL ADJUSTED 90°C AMPACITY	TOTAL ADJUSTED 105°C AMPACITY
DCF-1	1	26	32	0.96	0.4	14	20	35	40	N/A	15	N/A
ACF-1	1	29	32	0.96	1	120	150	150	170	N/A	163	N/A
ACF-2	4	28	32	0.96	0.8	960	1200	1520	1720	N/A	1321	N/A
ACF-3	1	33	32	1.04	1	42	60	N/A	195	215	N/A	224



INVERTER SETTINGS		
FREQUENCY		
DEVICE	PICKUP	CLEARING TIME (SECONDS)
UNDER FREQUENCY 2 (81U)	57 Hz	0.16
UNDER FREQUENCY 1 (81U)	59.5 Hz	2.0
OVER FREQUENCY 1 (81O)	60.5 Hz	2.0
OVER FREQUENCY 2 (81O)	62 Hz	0.16
VOLTAGE		
DEVICE	PICKUP	CLEARING TIME (SECONDS)
UNDER VOLTAGE 3 (27)	0.45 p.u.	0.16
UNDER VOLTAGE 2 (27)	0.60 p.u.	1.0
UNDER VOLTAGE 1 (27)	0.88 p.u.	2.0
OVER VOLTAGE 1 (59)	1.10 p.u.	1.0
OVER VOLTAGE 2 (59)	1.20 p.u.	0.16



REVISIONS			
NO.	DESCRIPTION	BY	DATE
2	FOR PERMIT	AR	05/18/20
1	CLIENT COMMENTS	AR	05/11/20

PROJECT TITLE:
ELMRIDGE GOLF COURSE
SOLAR PHOTOVOLTAIC SYSTEM

SITE:
ELMRIDGE GOLF COURSE
WEST ARRAY - SYSTEM A
INT #33848
229 ELMRIDGE ROAD
PAWCATUCK, CT 06479

OWNER:

ADVANCED SOLAR PRODUCTS

270 SOUTH MAIN STREET
FLEMINGTON, NJ 08822
908-751-5818 (PHONE)
908-751-5819 (FAX)
Me@advancedsolarproducts.com

NJ CERTIFICATE OF AUTHORIZATION LICENSE
NO.: 24GA28102500

DRAWN: AR
CHECKED: AR
SCALE: NONE

DATE: 04/06/2020
DWG. NO.: E-3-1

DRAWING TITLE:
SINGLE-LINE AC CIRCUIT

FOR PERMITTING

NOTES:

A) CODES AND STANDARDS:
ALL EQUIPMENT, MATERIALS, AND METHODS SHALL MEET THE FOLLOWING CODES AND STANDARDS:
- NATIONAL ELECTRICAL CODE, 2017 ED.
- UL 1741
- UL 1703
- UL 1699B
- IEEE 929-2000
- ALL OTHER APPLICABLE NATIONAL, STATE AND LOCAL CODES

B) SIGNAGE NOTES:

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3. WARNING: IF A GROUND FAULT IS DETECTED, THE NORMALLY GROUNDING CONDUCTORS MAY BE ENERGIZED AND UNGROUNDED.
4. CAUTION - HIGH VOLTAGE - KEEP OUT
DANGER - HIGH VOLTAGE - QUALIFIED PERSONS ONLY

C) INVERTER PROTECTIVE FUNCTIONS:

1. OVER VOLTAGE, UNDER VOLTAGE, OVER FREQUENCY & UNDER FREQUENCY PROTECTIONS BUILT INTO INVERTER PER UL 1741

D) DESIGN HIGH AMBIENT TEMPERATURE = 33°C
& DESIGN LOW AMBIENT TEMPERATURE = -16°C

SOLAR PHOTOVOLTAIC TOTAL SYSTEM SIZE:
TOTAL RATED POWER= 1,264 kW DC (1000 kW AC)
(3200) CANADIAN BIHIKU 395W MODULES
(128) PARALLEL STRINGS OF (25) MODULES PER STRING
(8) SOLECTRIA XGI 1500-125/125
STRING VALUES: Vmp = 962.5 VDC; Voc = 1175 VDC; Vmax = 1325 VDC

TABLE 1 - FEEDER SCHEDULE

DC FEEDERS					
FEEDER	DC CONDUCTORS	CONDUCTORS PER POLARITY	CONDUCTORS PER INVERTER	EQUIPMENT GROUND	CONDUIT(S) PER INVERTER
DCF-1	#10 AWG CU. 2kV XLPE (PV WIRE)	1	32	#6 AWG CU. BARE	1 2" SCH. 40 PVC
AC FEEDERS					
FEEDER	AC 3Φ CONDUCTORS	CONDUCTORS PER PHASE	NEUTRAL (PER CONDUIT)	EQUIPMENT GROUND (PER CONDUIT)	CONDUIT(S)
ACF-1	#1/0 AWG CU. 1kV XLPE	1	#6 AWG. CU 1kV XPLE	#6 AWG CU. THWN-2	1 2" SCH. 40 PVC
ACF-2	500 KCMIL CU. 1kV XLPE	4	#2/0 AWG. CU 1kV XPLE	#3/0 AWG CU. THWN-2	2 5" SCH. 40 PVC
ACF-3	#2 AWG CU. MV-105, 15kV, 133% EPR SHIELDED PVC JACKET	1	N/A	#4 AWG CU. BARE	1 3" SCH. 40 PVC

TABLE 2 - AC FEEDER CALCULATIONS

FEEDER	CONDUCTORS PER PHASE/POLARITY	CONDUIT FILL %	AMBIENT TEMP. (°C)	TEMP. CORRECTION FACTOR	CURRENT CARRYING CONDUCTORS CORRECTION FACTOR	TOTAL REQUIRED AMPACITY	REQUIRED OCPD (AMPS)	TOTAL 75°C AMPACITY	TOTAL 90°C AMPACITY	TOTAL 105°C AMPACITY	TOTAL ADJUSTED 90°C AMPACITY	TOTAL ADJUSTED 105°C AMPACITY
DCF-1	1	26	32	0.96	0.4	14	20	35	40	N/A	15	N/A
ACF-1	1	29	32	0.96	1	120	150	150	170	N/A	163	N/A
ACF-2	4	28	32	0.96	0.8	960	1200	1520	1720	N/A	1321	N/A
ACF-3	1	33	32	1.04	1	42	60	N/A	195	215	N/A	224

EQUIPMENT SPECIFICATIONS

CANADIAN SOLAR CS3W-395PB-AG BIFACIAL HALF-CELL MODULE:

PEAK POWER (+3W-0W) Pmax 395 W
OPERATING VOLTAGE Vmp 38.50 V
OPERATING CURRENT Imp 10.28 A
OPEN CIRCUIT VOLTAGE Voc 47.00 V
SHORT CIRCUIT CURRENT (RATED) Isc 10.82 A
SHORT CIRCUIT CURRENT (5% BOOST) Isc+ 11.36 A

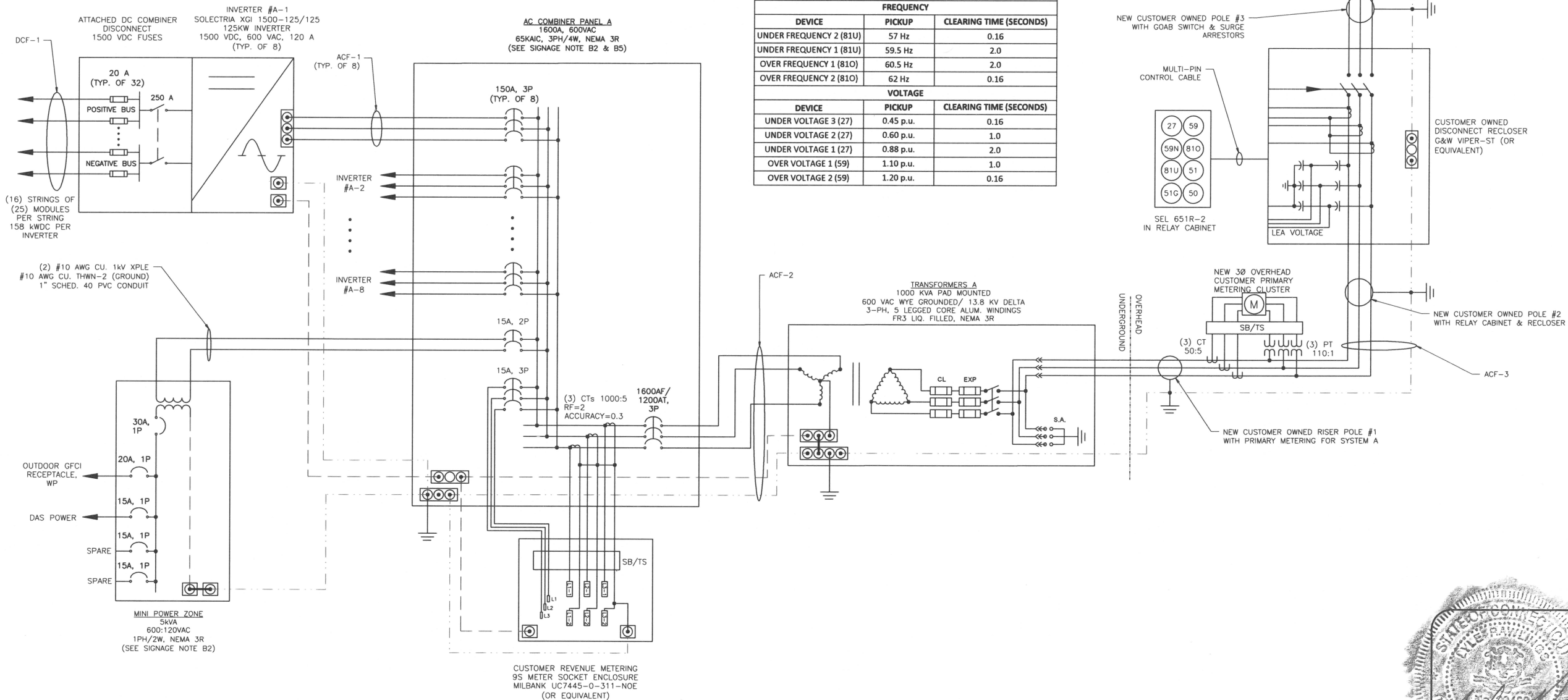
SOLECTRIA XGI 1500-125/125:

AC MAXIMUM OUTPUT POWER 125 kW / 125 kVA
AC OUTPUT VOLTAGE (3Φ) 600 VAC
AC MAXIMUM OUTPUT CURRENT 120 A
DC MAXIMUM VOLTAGE 1500 VDC
DC MAXIMUM CURRENT 320 A
MPPT VOLTAGE RANGE 860-1450 VDC

KEY

NEUTRAL: - - - - -

GROUND: - - - - -



REVISIONS

NO.	DESCRIPTION	BY	DATE
2	FOR PERMIT	AR	05/18/20
1	CLIENT COMMENTS	AR	05/11/20

PROJECT TITLE:
ELMRIDGE GOLF COURSE
SOLAR PHOTOVOLTAIC SYSTEM

SITE:
ELMRIDGE GOLF COURSE
WEST ARRAY - SYSTEM A
INT #33848
229 ELMRIDGE ROAD
PAWCATUCK, CT 06379

OWNER:

ADVANCED SOLAR PRODUCTS

Dedicated to Building a Sustainable Future

270 SOUTH MAIN STREET
FLEXINGTON, NJ 08822
908-751-5818 (PHONE)
908-751-5819 (FAX)
lfe@advancedsolarproducts.com

NY CERTIFICATE OF AUTHORIZATION LICENSE
NO.: 24GA28102500

DRAWN: DATE:
AR 04/06/2020

CHECKED: DATE:

SCALE: DWG. NO.:
NONE E-3-2

DRAWING TITLE:

THREE-LINE AC CIRCUIT

FOR PERMITTING



NOTES:

A) CODES AND STANDARDS:
ALL EQUIPMENT, MATERIALS, AND METHODS SHALL MEET THE FOLLOWING CODES AND STANDARDS:
- NATIONAL ELECTRICAL CODE, 2017 ED.
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- UL 1703
- UL 1699B
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4. CAUTION - HIGH VOLTAGE - KEEP OUT
DANGER - HIGH VOLTAGE - QUALIFIED PERSONS ONLY

C) INVERTER PROTECTIVE FUNCTIONS:
1. OVER VOLTAGE, UNDER VOLTAGE, OVER FREQUENCY & UNDER FREQUENCY PROTECTIONS BUILT INTO INVERTER PER UL 1741

D) DESIGN HIGH AMBIENT TEMPERATURE = 33°C
& DESIGN LOW AMBIENT TEMPERATURE = -16°C

SOLAR PHOTOVOLTAIC TOTAL SYSTEM SIZE:
TOTAL RATED POWER= 1,264 kW DC (1000 kW AC)
(3200) CANADIAN BIHIKU 395W MODULES
(128) PARALLEL STRINGS OF (25) MODULES PER STRING
(8) SOLECTRIA XGI 1500-125/125
STRING VALUES: Vmp = 962.5 VDC; Voc = 1175 VDC; Vmax = 1325 VDC

NEW

CanadianSolar

BiHiKu
SUPER HIGH POWER BIFACIAL POLY PERC MODULE
390 W ~ 410 W
UP TO 30% MORE POWER FROM THE BACK SIDE
CS3N-390 | 395 | 400 | 405 | 410P-B-AG

MORE POWER
Up to 30% more power from the back side
24% more front side power than conventional modules
Low NMOT: -41 to 3°C
Low temperature coefficient (Pmax): -0.31 %/°C
Better shading tolerance

MORE RELIABLE
Lower internal current, lower hot spot temperature
Minimizes micro-cracks and snail trails
Heavy snow load up to 5400 Pa, and load up to 5400 Pa
Fire Class A and Type 1 Type 13

30 linear power output warranty*

12 enhanced product warranty on metalized rear cell connections

MANAGEMENT SYSTEM CERTIFICATION
ISO 9001:2015 Quality management system
ISO 14001:2015 Standards for environmental management system
OHSAS 18001:2007 International standards for occupational health & safety

PRODUCT CERTIFICATION
IEC 61215:2016 IEC 61215:2016 IEC 61215:2016
UL 1703 IEC 61215:2016 IEC 61215:2016 IEC 61215:2016
UL 1703 IEC 61215:2016 IEC 61215:2016 IEC 61215:2016

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. No. 1 module supplier for quality and performance price ratio in 315 Module Customer Design Survey. As a leading PV project developer and manufacturer of solar modules with over 36 GW deployed around the world since 2001.

CANADIAN SOLAR INC.
545 Speedvale Avenue West, Guelph, Ontario N1X 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com

ENGINEERING DRAWING (mm)

Front View

Frame Cross Section

CS3N-400P-B-AG / 1-V CURVES

ELECTRICAL DATA (STC)*

Model	Max. Power (Wp)	Max. Power (Wp) at 33°C	Max. Power (Wp) at -16°C	Max. Power (Wp) at 40°C	Max. Power (Wp) at 50°C	Max. Power (Wp) at 60°C	Max. Power (Wp) at 70°C	Max. Power (Wp) at 80°C	Max. Power (Wp) at 90°C	Max. Power (Wp) at 100°C
CS3N-390P-B-AG	390 W	381 W	400 W	390 W	381 W	372 W	363 W	354 W	345 W	336 W
CS3N-395P-B-AG	395 W	386 W	405 W	395 W	386 W	377 W	368 W	359 W	350 W	341 W
CS3N-400P-B-AG	400 W	391 W	410 W	400 W	391 W	382 W	373 W	364 W	355 W	346 W
CS3N-405P-B-AG	405 W	396 W	415 W	405 W	396 W	387 W	378 W	369 W	360 W	351 W
CS3N-410P-B-AG	410 W	401 W	420 W	410 W	401 W	392 W	383 W	374 W	365 W	356 W

ELECTRICAL DATA (1000h)*

Model	Max. Power (Wp)	Max. Power (Wp) at 33°C	Max. Power (Wp) at -16°C	Max. Power (Wp) at 40°C	Max. Power (Wp) at 50°C	Max. Power (Wp) at 60°C	Max. Power (Wp) at 70°C	Max. Power (Wp) at 80°C	Max. Power (Wp) at 90°C	Max. Power (Wp) at 100°C
CS3N-390P-B-AG	390 W	381 W	400 W	390 W	381 W	372 W	363 W	354 W	345 W	336 W
CS3N-395P-B-AG	395 W	386 W	405 W	395 W	386 W	377 W	368 W	359 W	350 W	341 W
CS3N-400P-B-AG	400 W	391 W	410 W	400 W	391 W	382 W	373 W	364 W	355 W	346 W
CS3N-405P-B-AG	405 W	396 W	415 W	405 W	396 W	387 W	378 W	369 W	360 W	351 W
CS3N-410P-B-AG	410 W	401 W	420 W	410 W	401 W	392 W	383 W	374 W	365 W	356 W

MECHANICAL DATA

Specification	Data
Cell Type	Poly-crystalline
Cell Arrangement	144 (12x12)
Dimensions	2132 ± 0.5 mm (83.5 ± 0.02 in)
Weight	28.2 kg (62.2 lbs)
Front / Back Glass	2.0 mm heat strengthened glass
Frame	Anodized aluminum alloy
J-box	IP68, 3 pieces
Cable	4.5 mm (0.177 in) MC4
Cable Length (meters)	1.5 m (4.92 ft)
Ring Connector	MC4
Per Carrier	182 pieces
Per Carrier	182 pieces

TEMPERATURE CHARACTERISTICS

Specification	Data
Operating Temperature	-40°C ~ +60°C
Max. System Voltage	1500 V (DC) or 1500 V (AC)
Module Fire Performance	UL 954 Class 1, UL 1666 Class 1, UL 1666 Class 1
Application Classification	Class A
Power Efficiency	21.5 %

PACKAGING SECTION

CANADIAN SOLAR INC.
545 Speedvale Avenue West, Guelph, Ontario N1X 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com

YASKAWA

SOLECTRIA XGI™ 1500
Premium 3-Phase Transformerless Utility-Scale Inverters

Specifications

Model	400-1500-125/125	400-1500-125/125	400-1500-125/125	400-1500-125/125
Maximum Power (kW)	1250	1250	1250	1250
Maximum Power (kW) at 33°C	1250	1250	1250	1250
Maximum Power (kW) at -16°C	1250	1250	1250	1250
Maximum Power (kW) at 40°C	1250	1250	1250	1250
Maximum Power (kW) at 50°C	1250	1250	1250	1250
Maximum Power (kW) at 60°C	1250	1250	1250	1250
Maximum Power (kW) at 70°C	1250	1250	1250	1250
Maximum Power (kW) at 80°C	1250	1250	1250	1250
Maximum Power (kW) at 90°C	1250	1250	1250	1250
Maximum Power (kW) at 100°C	1250	1250	1250	1250

Features

- Made in the USA with global components
- Buy American Act (BAA) compliant
- Four models: 1250W/1250VA, 1250W/1500VA, 1250W/1500VA, 1250W/1500VA
- 99.9% peak efficiency
- Flexible solution for distributed and centralized system architecture
- Advanced grid support functionality (IEEE 1547, IEEE 1547A)
- Rugged, dependable and built to last
- Lowest O&M and installation costs
- Access all inverters on site via Web from one location
- Remote diagnostics and firmware upgrades
- SunSpec Modbus Certified

Options

- String combiners for distributed and centralized systems
- Web based monitoring
- Extended warranty

SOLECTRIA SOLAR

YASKAWA

YASKAWA

XGI 1500 COMBINERS
Increased Design Flexibility for SOLECTRIA XGI 1500

Specifications

Model	1500-1500-125/125	1500-1500-125/125
Maximum Power (kW)	1250	1250
Maximum Power (kW) at 33°C	1250	1250
Maximum Power (kW) at -16°C	1250	1250
Maximum Power (kW) at 40°C	1250	1250
Maximum Power (kW) at 50°C	1250	1250
Maximum Power (kW) at 60°C	1250	1250
Maximum Power (kW) at 70°C	1250	1250
Maximum Power (kW) at 80°C	1250	1250
Maximum Power (kW) at 90°C	1250	1250
Maximum Power (kW) at 100°C	1250	1250

Features

- Made in the USA with global components
- Buy American Act (BAA) compliant
- Designed specifically for use with XGI 1500 inverters
- Both poles fused and switched
- 15, 20, 24, 28, and 30 fuse positions
- 15 and 20 A fuse options for all models; 25 and 30 A fuse options for select models only
- Combiner made for comparison terminals
- 90°C universal rating

Option

- Single pole, both pole

SOLECTRIA SOLAR

YASKAWA



FOR PERMITTING

REVISIONS

NO.	DESCRIPTION	BY	DATE
2	FOR PERMIT	AR	05/18/20
1	CLIENT COMMENTS	AR	05/11/20

PROJECT TITLE:
ELMRIDGE GOLF COURSE
SOLAR PHOTOVOLTAIC SYSTEM

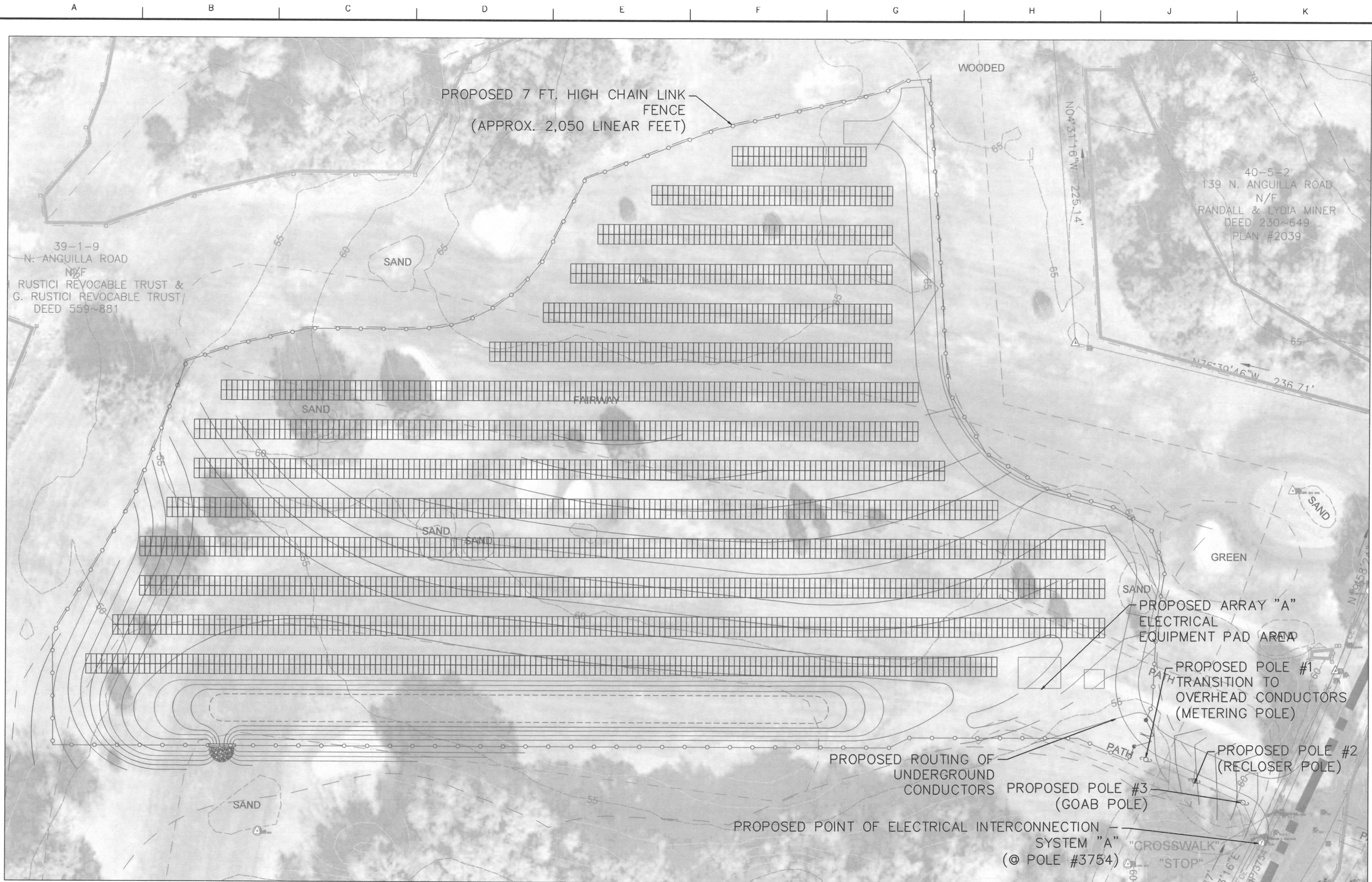
OWNER:

ADVANCED SOLAR PRODUCTS
Dedicated to Building a Sustainable Future

270 SOUTH MAIN STREET
FLEMINGTON, NJ 08822
908-751-5818 (PHONE)
908-751-5819 (FAX)
info@advancedsolarproducts.com

NJ CERTIFICATE OF AUTHORIZATION LICENSE
NO.: 24GA28102500

DRAWN: AR **DATE:** 04/06/2020
CHECKED: AR **DATE:** 04/06/2020
SCALE: NONE **DWG. NO.:** E-3-3
DRAWING TITLE: EQUIPMENT SPEC. SHEETS



1 SITE PLAN
SCALE: 1"=60'
(GRAPHIC SCALE: SHOWN IN FEET)

SOLAR PHOTOVOLTAIC TOTAL SYSTEM SIZE:
TOTAL RATED POWER= 1,264 kW DC (1000 kW AC)
(3200) CANADIAN BIHIKU 395W MODULES
(128) PARALLEL STRINGS OF (25) MODULES PER STRING
(8) SOLECTRIA XGI 1500-125/125
POST DRIVEN MOUNTING SYSTEM (2-HIGH PORTRAIT) @ 25° TILT

FOR PERMITTING



REVISIONS			
NO.	DESCRIPTION	BY	DATE
2	FOR PERMIT	AR	05/18/20
1	CLIENT COMMENTS	AR	05/01/20
PROJECT TITLE: ELMRIDGE GOLF COURSE SOLAR PHOTOVOLTAIC SYSTEM			
SITE: ELMRIDGE GOLF COURSE WEST ARRAY - SYSTEM A INT #33848 229 ELMRIDGE ROAD FAWCATUCK, CT 06379			
OWNER:			
ADVANCED SOLAR PRODUCTS Dedicated to Building a Sustainable Future 270 SOUTH MAIN STREET FLEMINGTON, NJ 08822 908-751-5818 (PHONE) 908-751-5819 (FAX) info@advancedsolarproducts.com			
CT CERTIFICATE OF AUTHORIZATION LICENSE NO.: 24GA28102500			
DRAWN: RES	DATE: 04/09/2020		
CHECKED:	DATE:		
SCALE: NONE	DWG. NO.: E-4		
DRAWING TITLE: ARRAY LAYOUT (ENLARGED)			