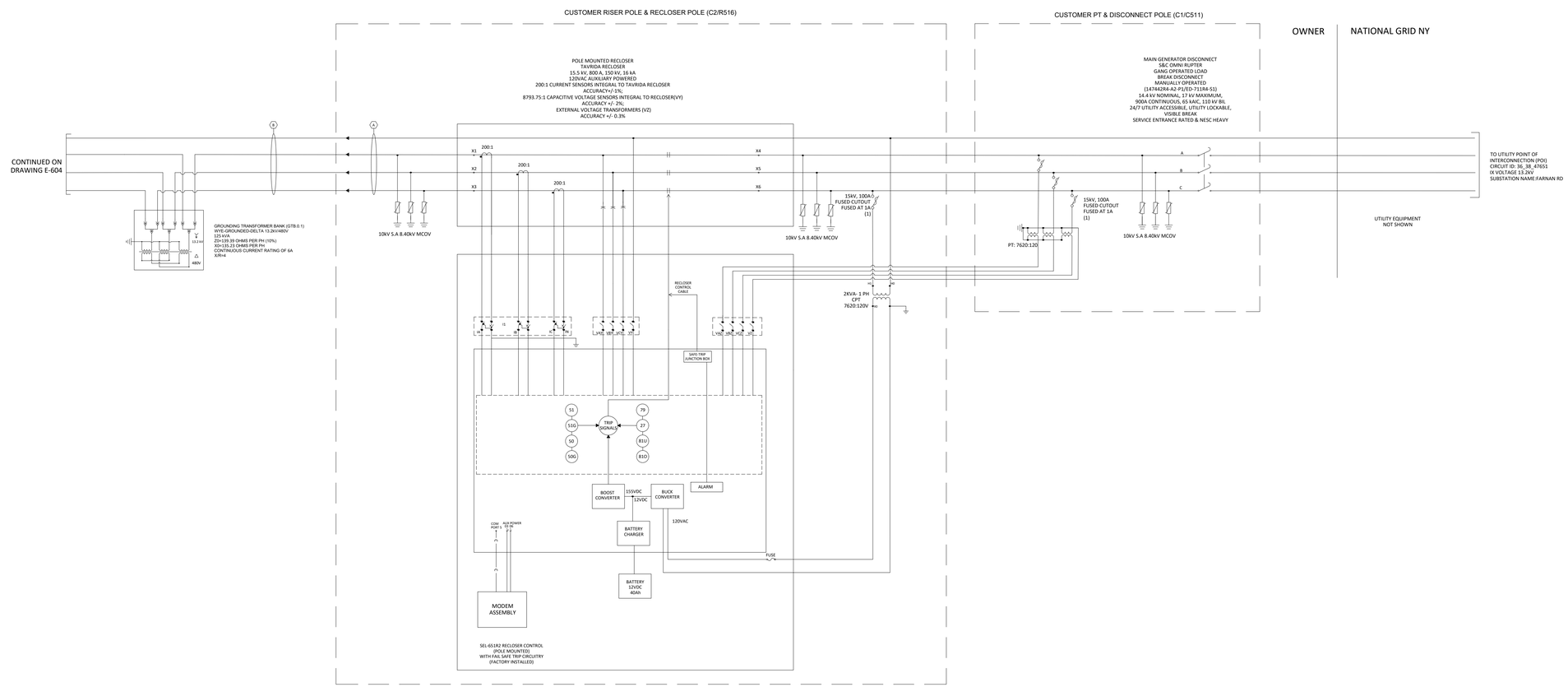
Cable Schedule							
Circuit Id	Voltage Rating	Conductor Quantity, Size and Material	Wire Type	Quantity of Conduits	Size of Conduits	Conduit Type	Notes
A	15kV	(3) #4/0 AWG AL, (1) #4/0 AWG AL N	Covered ACSR	-	-	-	MV Overhead
B	15kV	(3) #350 KCMIL AL Jacketed Concentric Neutral	MV-105	1	5"	PVC	MV Underground TR-XLP/133%
C	-	Flexible Busbar Connection	-	-	-	-	Switchgear (Typ.) to Transformer
D	600V	(3) 500 KCMIL AL, (1) #1 AWG AL G	XHHW-2	1	3.5"	PVC	String Inverter Feeder to Switchgear (Typ.)
E	-	(1) CAT 6 or (1) Fiber Optic	-	1	1"	PVC	Communications

LINE DIAGRAM SYMBOL LEGEND

- KWH METER
- KW INVERTER
- DC/DC CONVERTER
- POTENTIAL TRANSFORMER
- CURRENT TRANSFORMER
- POWER TRANSFORMER
- CABLE TERMINATION
- SEPARABLE CONNECTOR
- SURGE ARRESTER
- FUSE
- FRAME TRIP — CIRCUIT BREAKER
- FUSED CUT OUT
- GANG OPERATED DISCONNECT
- FUSED DISCONNECT
- SOLID BLADE DISCONNECTS
- NORMALLY CLOSED CONTACT
- NORMALLY OPEN CONTACT
- CAPACITIVE DIVIDER VOLTAGE SENSING ELEMENT
- ST — SHUNT TRIP

LINE DIAGRAM LINE STYLE LEGEND

- COMMUNICATION CABLE
- NOT IN SERVICE



GRIT APPROVAL
Reviewed By: S Dudds
Date: 08/05/2026

Approved
WillMoore 08/06/2026

NOTE: NOT FOR CONSTRUCTION. FOR UTILITY INTERCONNECTION APPLICATION PURPOSES ONLY.

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Rev	Issued For	Date	Init
A	UIA	07/03/2020	--
B	UIA	11/25/2020	--
C	UIA	07/03/2025	AS
D	UIA	03/24/2026	AY
E	UIA	08/05/2026	AK

P.E. seal/Consultant:

Project:
17408 - Top Hat Energy PV
2-6 Electric Drive,
Moreau, NY, 12828
43.2877, -73.6001

Drawing Title:
AC Three Line Diagram

Drawn by: A. Khan
Scale: N.T.S

Dwg No: E-603
Size: D
Sheet Rev: E

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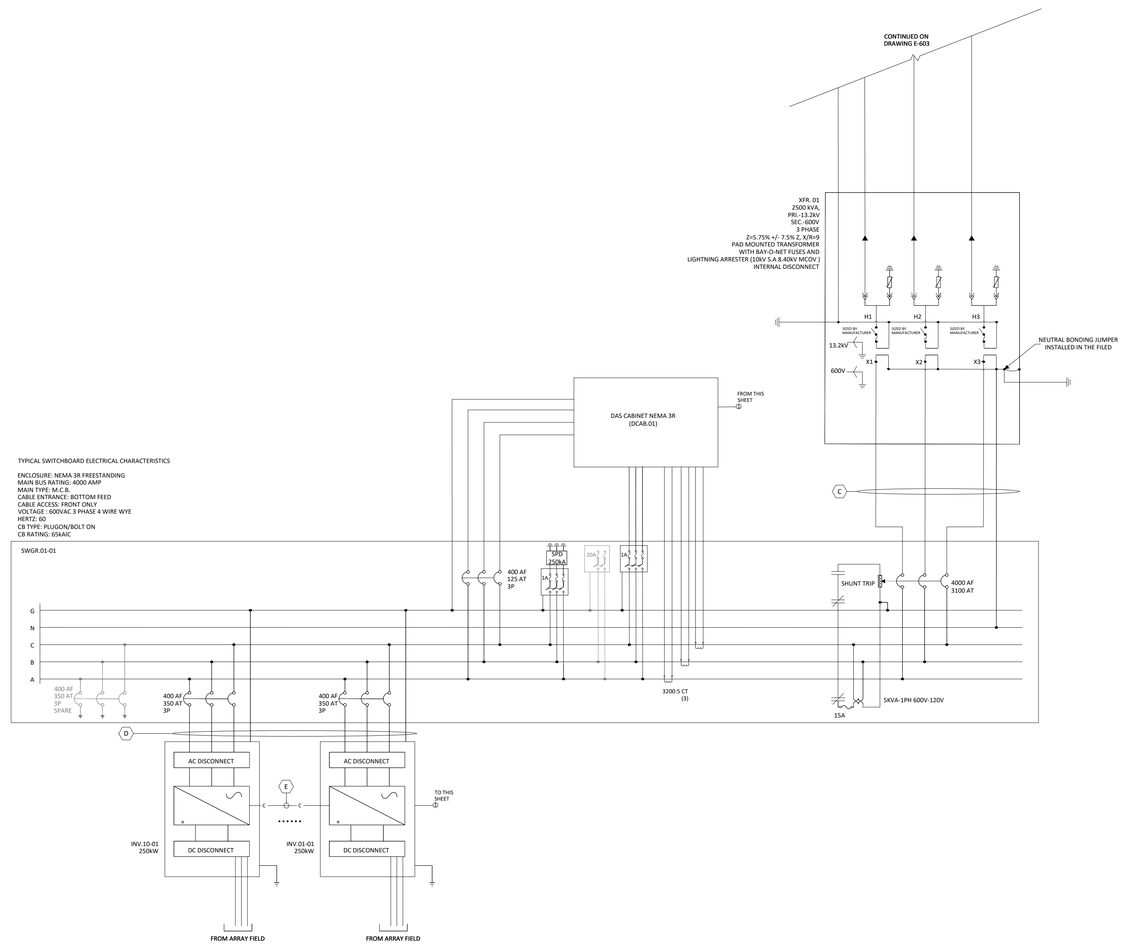

GRIT APPROVAL
Reviewed By: S Dudek
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