

SITE DATA	
SYSTEM PRODUCTION SUMMARY	
40 Nys Route 197	
PLANT PEAK PRODUCTION (AC):	4.11 MW
PLANT PEAK PRODUCTION (DC):	3.00 MW
DC/AC POWER RATIO:	1.37
INTERCONNECTING UTILITY INFORMATION	
UTILITY:	NATIONAL GRID
SUBSTATION:	BUTLER TB 1
CIRCUIT #:	36_38_36253
LINE VOLTAGE:	13.2 kV
EQUIPMENT SUMMARY	
SOLAR PV MODULE	
MANUFACTURER:	JINKO SOLAR
MODEL:	JKM600N-78HL4-BDV
NOMINAL MAX DC POWER:	600 W
VOLTAGE (STC), V _{OC} , V _{MPP} :	55.03 V, 45.25 V
CURRENT (STC), I _{SC} , I _{MPP} :	13.87 A, 13.26 A
RACKING:	SINGLE AXIS TRACKER
TILT ANGLE:	+/-60°
SYSTEM HEIGHT:	TBD
STRING SIZE (TYPICAL):	TBD
TOTAL PV MODULE QUANTITY:	6,864
SOLAR INVERTER	
MANUFACTURER:	CHINT POWER SYSTEMS
MODEL:	CPS SCH275KTL
NOMINAL MAX. AC POWER:	250 kW/ 250 kVA
NOMINAL AC VOLTAGE:	800 V
MAX AC CURRENT:	198.5 A
TOTAL INVERTER QUANTITY:	12
GENERATOR STEP-UP TRANSFORMER	
MANUFACTURER:	TBD
MODEL:	TBD
TRANSFORMER SIZE:	2 x 1.5MVA
HIGH SIDE:	13.2kV GROUNDED WYE
LOW SIDE:	800V, WYE
TOTAL TRANSFORMER QUANTITY:	2
GENERAL NOTES:	
A. TECHNICAL DETAILS RELATED TO SOLAR PANELS, INVERTERS AND RACKING SYSTEMS IDENTIFIED ABOVE WILL CHANGE BECAUSE OF EVOLVING TECHNOLOGY AND AVAILABILITY AT THE TIME OF DETAILED DESIGN AND CONSTRUCTION. THE DATA SHOWN IS REPRESENTATIVE OF THE FINAL DESIGN DETAILS.	
B. APPROXIMATE LOCATIONS OF ALL MEDIUM VOLTAGE EQUIPMENT SHOWN FOR PURPOSES OF INTERCONNECT APPLICATION. STRING INVERTER AND COMBINER BOX LOCATIONS NOT SHOWN.	
C. CUSTOMER OWNED OVERHEAD LINE POLES ARE SPACED AT LEAST 25'-0" APART	
D. PANEL LAYOUT WITH SOLAR MODULES AT MAXIMUM TILT (60D).	
SYMBOL LIST	
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---	SETBACK - HIGH VOLTAGE(CORRIDOR)
---	ROAD

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REV.	BY:	DESCRIPTION:	DATE:
0	DO		06-23



SOLAR POWER NETWORK®

90 STATE ST.
ALBANY, NEW YORK 12207
TEL: (416) 479 0333
WWW.SOLARPOWERNETWORK.CA

DRAWING TITLE:
Site Plan - SPNNY 068 - 40 Nys Route 197

PROJECT ADDRESS:
40 Nys Route 197, Fort Edward, NY

SITE COORDINATES:
43.261097, -73.573075

SHEET NUMBER:
S-1

DRAWN BY: DO
CHECKED BY: LJ

SCALE:
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Site Plan - SPNNY 068 - 40 Nys Route 197

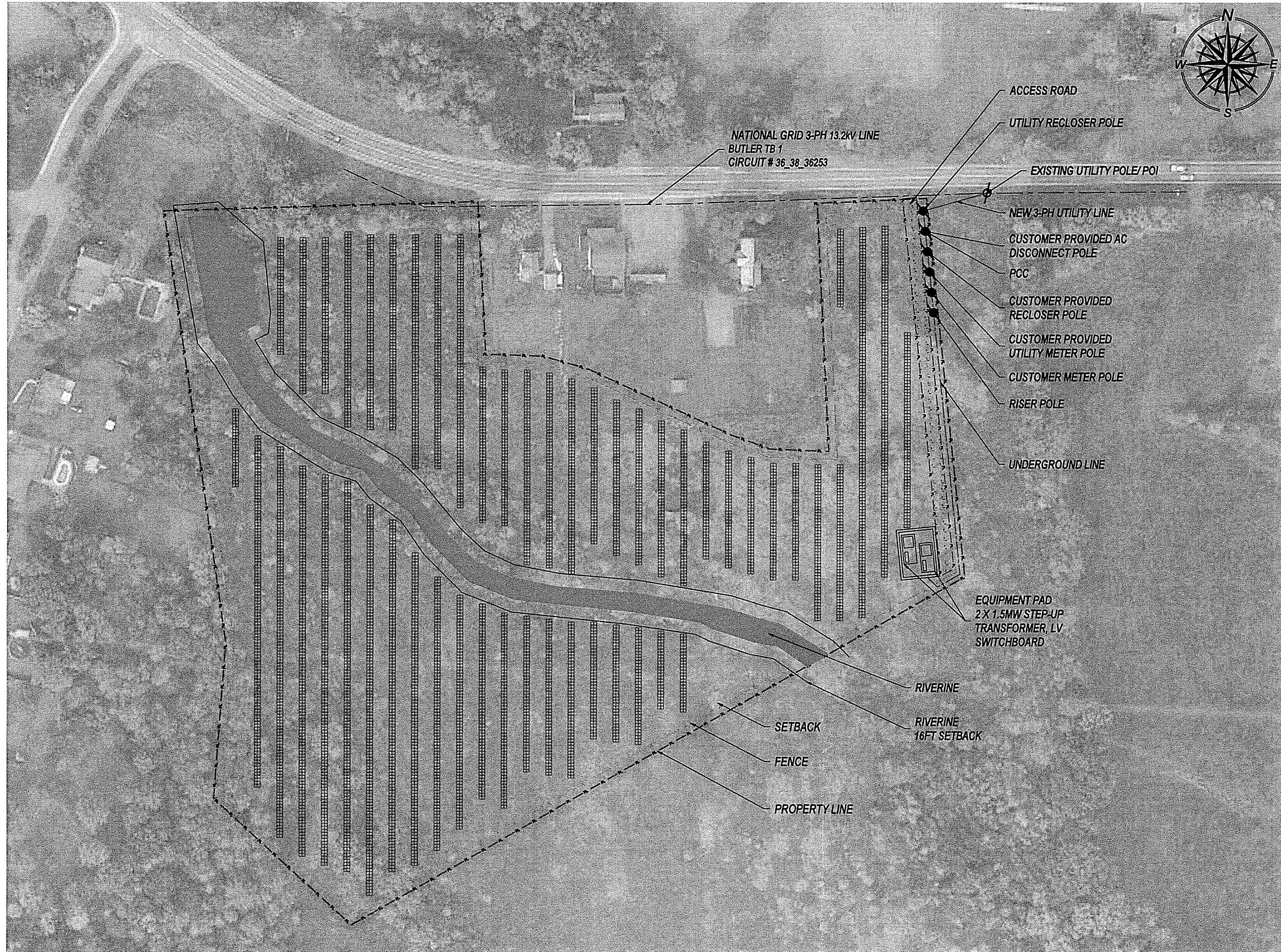
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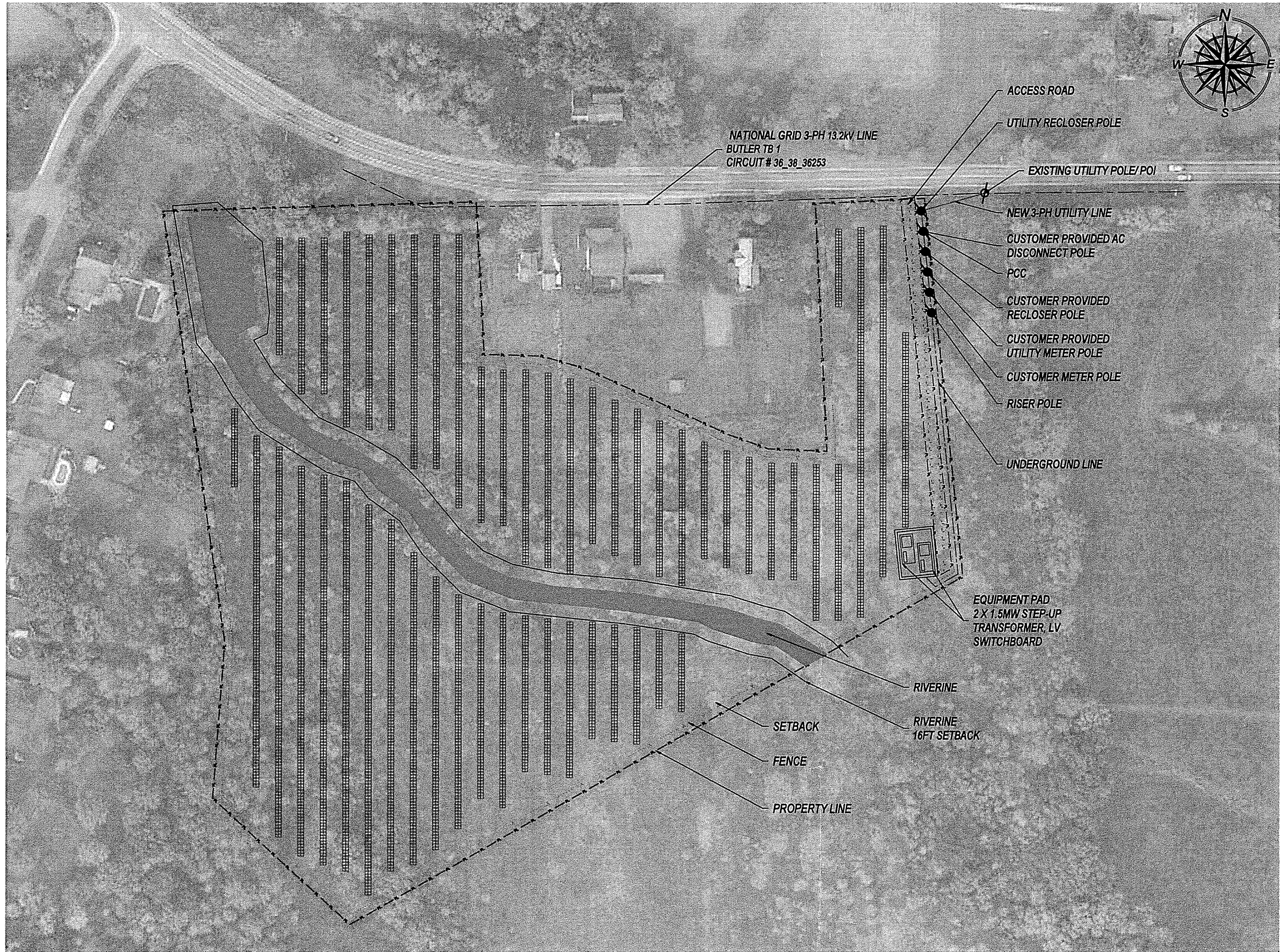
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