



**Suneast
Flat Creek Solar Project
Phase IA Archaeological Assessment**



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Photo 18 (above). Area C, P-10A, Rise overlooking wetland to SE, view E.

Photo 19 (below). Area C, P-10A, Slight rise overlooking wetland to NE, view NE.



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Photo 20 (above). Area C, P-9, Terrace overlooking wetland to N, view W.

Photo 21 (below). Area C, P-9 , Lower portion of terrace overlooking wetland to N, view W.



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Photo 22 (above). Area C, P-10C, Series of rises overlooking wetlands, view SE.

Photo 23 (below). Area C, P-10C, Rise north of series of rises, view W.



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Photo 24 (above). Area D, H-11, no building, view N.

Photo 25 (below). Area D, H-12, no building, view W.



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Photo 26 (above). Area D, H-13, no building, view NW.

Photo 27 (below). Area D, H-14, no building, view W.



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Photo 28 (above). Area D, H-W2, cleared field, view E.

Photo 29 (below). Area D, H-W2, collapsed foundation and stone piles, view E.



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Photo 30 (above). Area D, P-11, Low and wet drainage,
view W.

Photo 31 (below). Area D, P-11, Drainage and fields, view N.



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Photo 32 (above). Area D, P-12, Low and wet drainage, view W.

Photo 33 (below). Area D, P-12, Slight rise and fields, view SW.



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Photo 34. Area D, P-13, Low and wet, view E.



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Photo 35 (above). Area D, P-13, High rise overlooking wetland to S, view E.

Photo 36 (below). Area D, P-13, High rise overlooking wetland to S, view E.



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Photo 37 (above). Area D, P-13, Rise overlooking wetland to N, view E.

Photo 38 (below). Area D, P-13, Rise overlooking wetland to E, view N.



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Photo 39. Area D, P-14, Rise overlooking wetland, view NE.



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Photo 40. Area E, H-15, no structure, view NE.



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Photo 41 (above). Area E, P-15, Potential trails, view S.

Photo 42 (below). Area E, P-16, Rise overlooking stream,
view SW.



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Photo 43 (above). Area E, P-17, Terrace running E-W, view NW.

Photo 44 (below). Area E, P-18, Rise overlooking stream, view N.



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Photo 45 (above). Area F, H-W3, Collapsed foundation, view N.

Photo 46 (below). Area F, H-W4, Foundation, view N.



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Photo 47 (above). Area F, P-19, Rise overlooking Flat Creek tributaries, view W.

Photo 48 (below). Area F, P-19, Rise overlooking unnamed stream, view S.



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Photo 49 (above). Area F, P-20, High rise overlooking stream tributaries, view NE.

Photo 50 (below). Area F, P-20, High plateau break in slope, view E.



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Photo 51 (above). Area F, P-21, Terrace overlooking Flat Creek, view NE.

Photo 52 (below). Area F, P-21, Terrace overlooking Flat Creek, view SW.



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Photo 53. Area F, P-22, High terrace overlooking Flat Creek,
view S.



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Photo 54 (above). Area F, P-20, Sloped field view W.

Photo 55 (below). Area F, P-21, Low and wet and undulating, view S.



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Photo 56 (above). Areas G, H-16, Modern industrial building, view W.

Photo 57 (below). Area G, H-17, No building, view E.



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Photo 58. Area G, H-22, Landform by Site 05709.000121,
view S.



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Photo 59 (above). Area G, P-23, High terrace, view N.

Photo 60 (below). Area G, P-23, Top of plateau with high terraces, view SW.



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Photo 61 (above). Area G, P-23, Low, wet and undulating terrain, view S.

Photo 62 (below). Area G, P-23, Sloped terrain, view W.



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Photo 63 (above). Area H, H-18, No building, view S.

Photo 64 (below). Area H, H-19, Modern structure, view W.



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Photo 65 (above). Area H, P-24, Rise overlooking Lasher Creek, view NE.

Photo 66 (below). Area H, P-24, Rise overlooking Lasher Creek, view SE.



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Photo 67 (above). Area H, P-24, Low and wet, view N.

Photo 68 (below). Area H, P-24, Sloped and wet, view SW.



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Photo 69 (above). Area I, H-20, No building, view N.

Photo 70 (below). Area I, H-21, Standing building (142 Flat Creek Rd), view N.



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Photo 71 (above). Area I, P-25, Terrace, view NE.

Photo 72 (below). Area I, P-26, Rise overlooking wetland,
view N.



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Photo 73. Area I, P-27, Slight rise overlooking wetland, view N.



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Photo 74 (above). Area I, P-25, Low and wet, view E.

Photo 75 (below). Area I, P-27, Sloped terrain, view E.



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Photo 76. Area A, P-1, Level flat terrain, view N.



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Photo 77 (above). Area A, P-2, Level flat terrain, view NW.

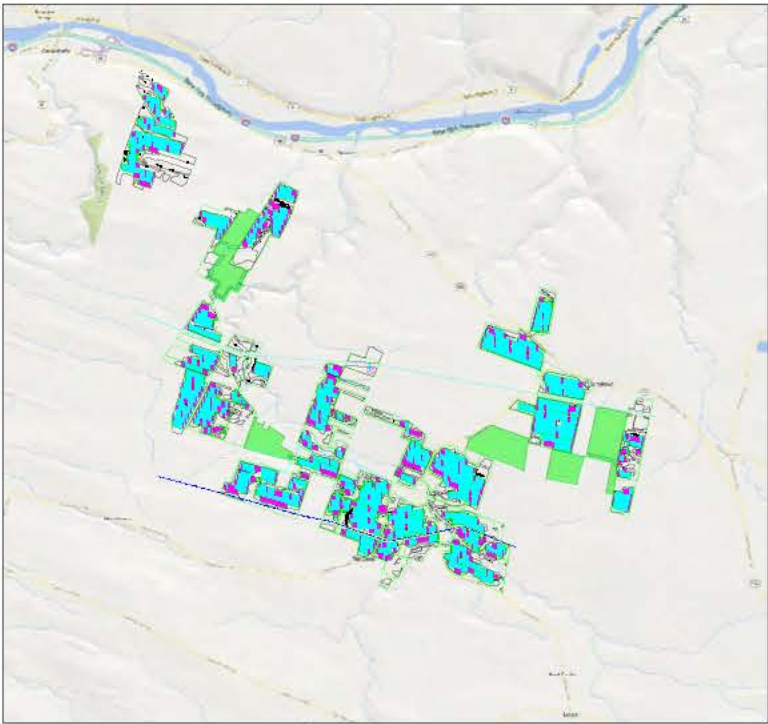
Photo 78 (below). Area A, P-2, Drainage low and wet, view E.

APPENDIX 1

Project Plans

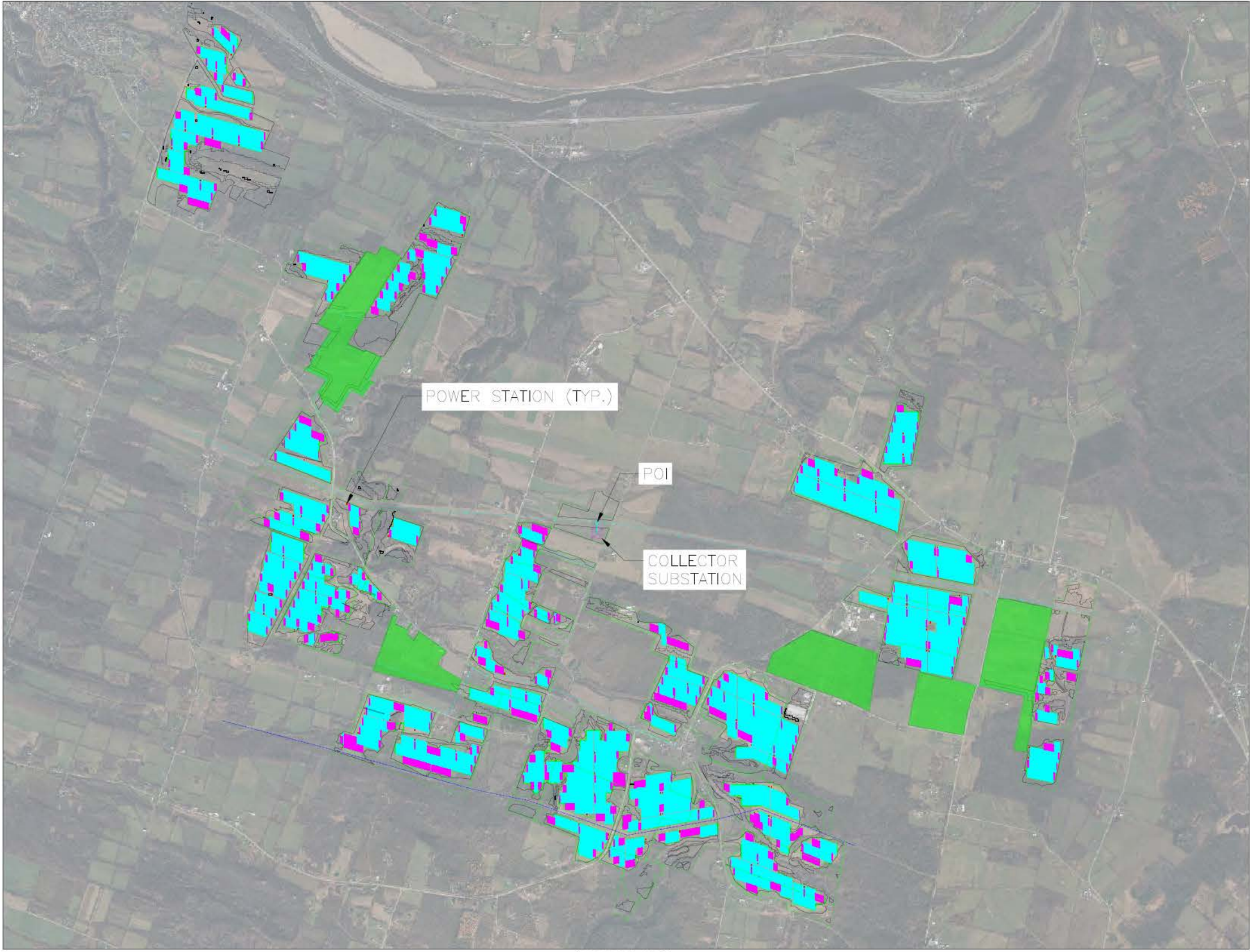
SYSTEM SPECIFICATIONS:	
SYSTEM SIZE DC	403,297.00 KW
SYSTEM SIZE AC @INVERTER	336,000.00
DC/AC RATIO @INVERTER	1.20
SYSTEM SIZE AC @POI	300,000.00
DC/AC RATIO @POI	1.34
MODULE MODEL	CANADIAN SOLAR CS6Y-565MB-AG
MODULE RATING	565 W
TOTAL MODULE QUANTITY	713,800
INVERTER MODEL	TMEIC NINJA PVU-L0840GR
INVERTER RATING	840 KW
TOTAL INVERTER QUANTITY	400
TOTAL NUMBER OF STRINGS	28,552
STRINGS PER INVERTER	71.38
MODULES PER STRING	25
INPUTS PER INVERTER	6
RACKING	SINGLE AXIS TRACKING, NEXTRACKER NX HORIZON OR EQUIVALENT
TILT	-60° TO 60°
AXIS AZIMUTH	0°
PITCH	20°-0°
GROUND COVERAGE RATIO	0.397
TOTAL FENCED AREA	APPROXIMATELY 1,572.1 ACRES
TOTAL BUILDABLE AREA	APPROXIMATELY 2,215.7 ACRES

LEGEND:	
	1 PORTRAIT x 75 MODULES, SINGLE AXIS TRACKER, HORIZONTAL N-S AXIS
	1 PORTRAIT x 50 MODULES, SINGLE AXIS TRACKER, HORIZONTAL N-S AXIS
	POWER STATION
	OVERHEAD HIGH VOLTAGE CABLE
	PROJECT SITE SECURITY FENCE
	PARCEL BOUNDARIES



1 SITE LOCATION
SCALE 1" = 5000'

- NOTES:
1. PRELIMINARY DRAWING. NOT FOR CONSTRUCTION.
 2. INSTALLATION TO COMPLY WITH NEC 2017 ARTICLE 690 AND ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES OR REGULATIONS.
 3. EQUIPMENT SHALL BE LABELED AS PER NEC 690.
 4. ACCESS ROAD SHALL BE DESIGNED TO ACCOMMODATE ALL CONSTRUCTION, OPERATION, MAINTENANCE, AND UTILITY TRAFFIC THROUGH THE SITE.
 5. DIMENSIONS OF THE PARCEL BOUNDARIES AND EXISTING FEATURES ARE APPROXIMATE, PENDING SURVEY.



2 ARRAY LAYOUT
SCALE 1" = 1600'

PROJECT ADDRESS:
FLAT CREEK SOLAR
FLAT CREEK, NY
LAT: 42.859800°
LONG: -74.510914°

		670 NORTH COMMERCIAL STREET SUITE 203 MANCHESTER, NH 03101		PROJECT NO: 494153	
REV	DESCRIPTION	DATE	DES	CHK	APP
0	ISSUED FOR REVIEW	06/15/22	N/P	40	BAT

 NIP-TRC DESIGNED NIP-TRC DRAWN A0-TRC CHECKED BAT-TRC APPROVED	PRELIMINARY LAYOUT						PV-1.0	REV: 0	
	SUN-EAST								
	FLAT CREEK SOLAR								
	FLAT CREEK								
REVIEW 1	DATE	03/28/2022						SCALE	
REVIEW 2	DATE								