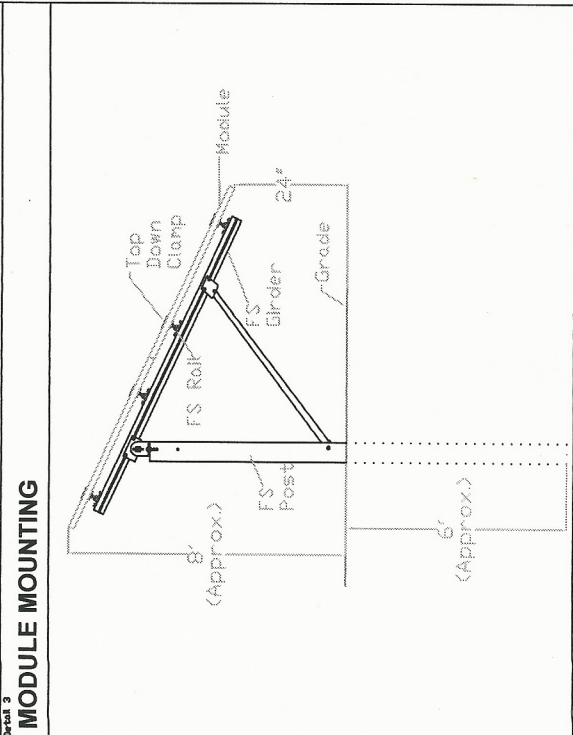
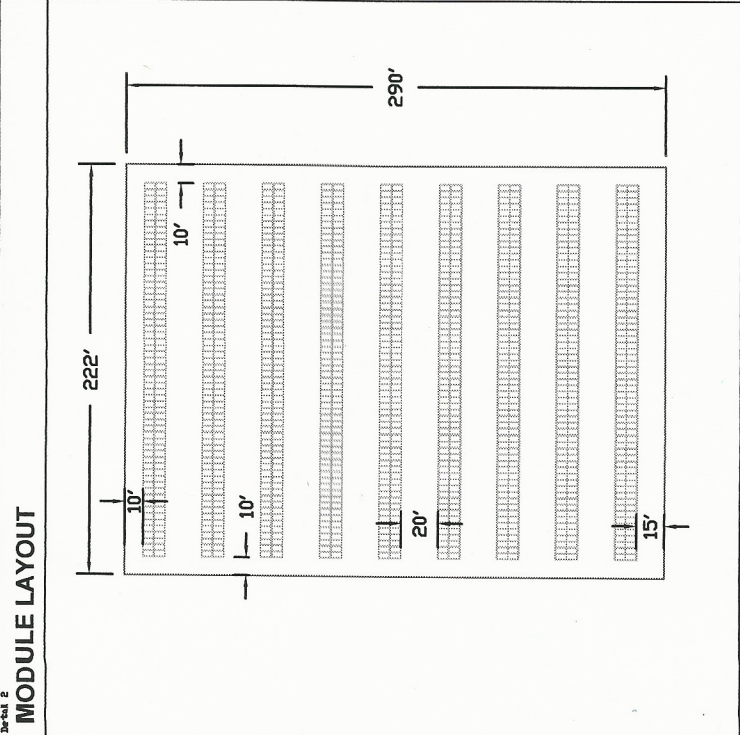
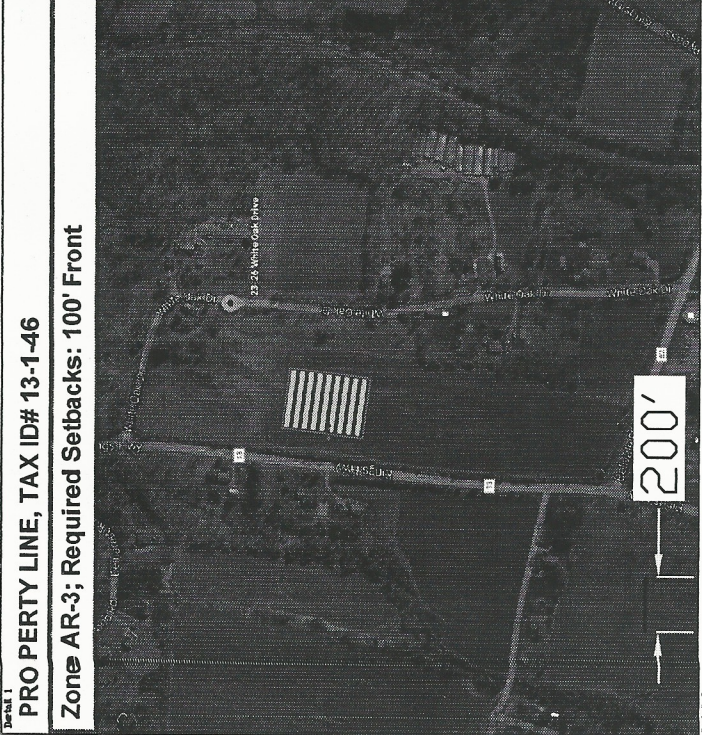
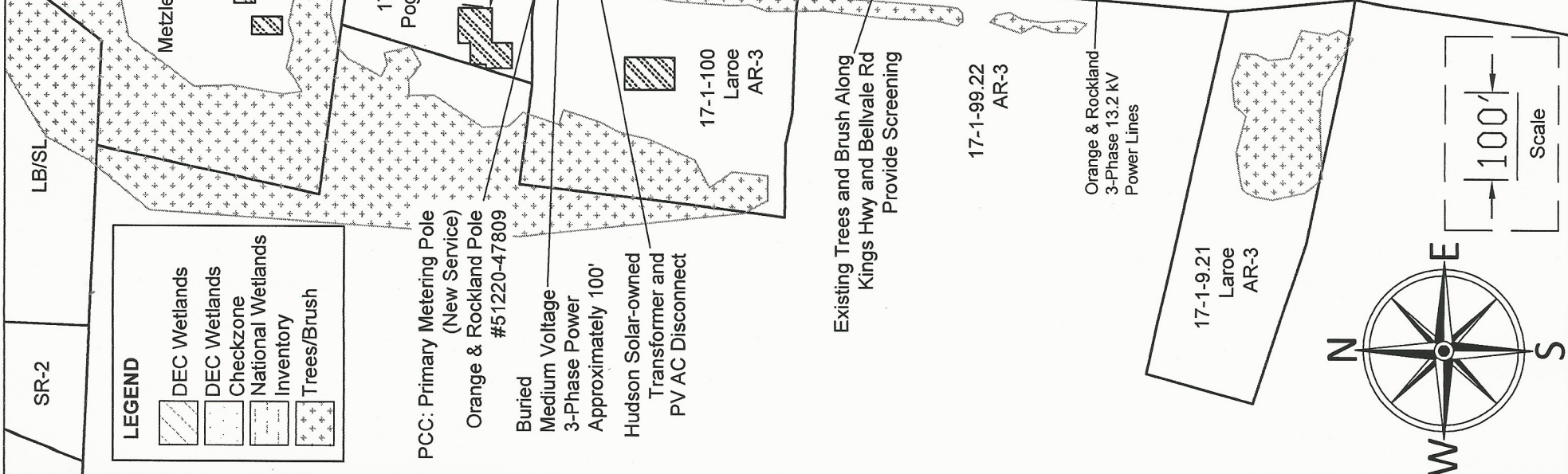


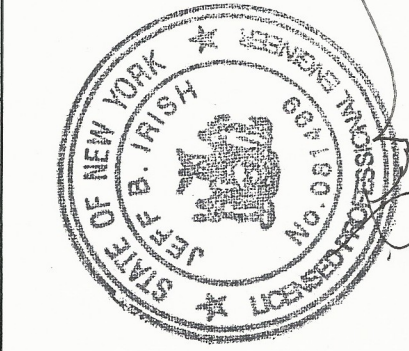


Detail 4

PHOTOVOLTAIC (SOLAR ELECTRIC) SITE PLAN



HUDSON SOLAR CONFIDENTIAL & PROPRIETARY	
HUDSON SOLAR	
13 Hook Road, Rhinebeck, NY 12572	www.hudsonsolar.com
Project Location	
23-26 White Oak Dr Chester, NY 10918 Orange County Town of Chester	
Preliminary Site Map - 388,800WpDC; 299,700WAC	
Array Area Dimensions	
• N-S (Fenced Area): 290'	
• E-W (Fenced Area): 222'	
• Enclosed Area: 1.48 acres	
• Perimeter: 1024'	
Equipment Notes	
• (1080) LG 360W, Q-Cell 360W or Equivalent	
• (540) SolarEdge P730 Optimizers	
• (9) SolarEdge SE33.3kUS Inverters	
Racking Notes	
• 25° Racking Tilt	
• 188° Azimuth	
• 20' Inter-row Spacing	
Array Notes	
• 497,061 kWh Annual Estimated Energy Production	
• 1.28 kWh/Wp	
Disturbed Earth (approx. ft ²)	
Access Rd Extension: N/A	
Transformer: 48	
AC (Utility) Trench/Pole: 200	
AC (PV) Trench: 80	
DC Trench: 580	
PV Equipment: 5	
Array Perimeter Fence Posts: 34	
Array Racking Posts: 162	
Screening Trees: N/A	
TOTAL = 0.03 acres = 1109 ft ²	
Lot Coverage	
54.4 acre lot	
Structure	ft ² acres %
Offices	5,996 0.138
Solar System	21,222 0.487
TOTALS:	27,218 0.625 1.15
SHEET 1 of 1	
Revision A	Drawn JL Date 110316
Revision B	Drawn JL Date 020817
Revision C	Drawn JL Date 022717
Revision D	Drawn JL Date 032217
Revision E	Drawn JL Date 040417
Revision F	Drawn JL Date 042617
Revision	Drawn



It is a violation of New York State Education Law Article 145 for any person, unless acting under the direct supervision of a licensed professional engineer, to alter this drawing in any way.