

OVERVIEW:
6,631.92 kW-DC (STC), 4,950 kW-AC PV SYSTEM CONTAINING (18) CHINT POWER SYSTEMS 275 kW INVERTERS WITH (10,872) VSUN 610W MODULES.

GENERAL NOTES:
A. ALL DESIGNS WERE CREATED IN ACCORDANCE WITH 2017 NEC (NFPA 70) AND 2020 NYS FIRE CODE
B. ALL EQUIPMENT TO BE LABELED PER NEC ARTICLE 690 AND 705 REQUIREMENTS
C. ALL 800V WIRING TO UTILIZE 1000V RATED XHHW-2 CONDUCTOR INSULATION



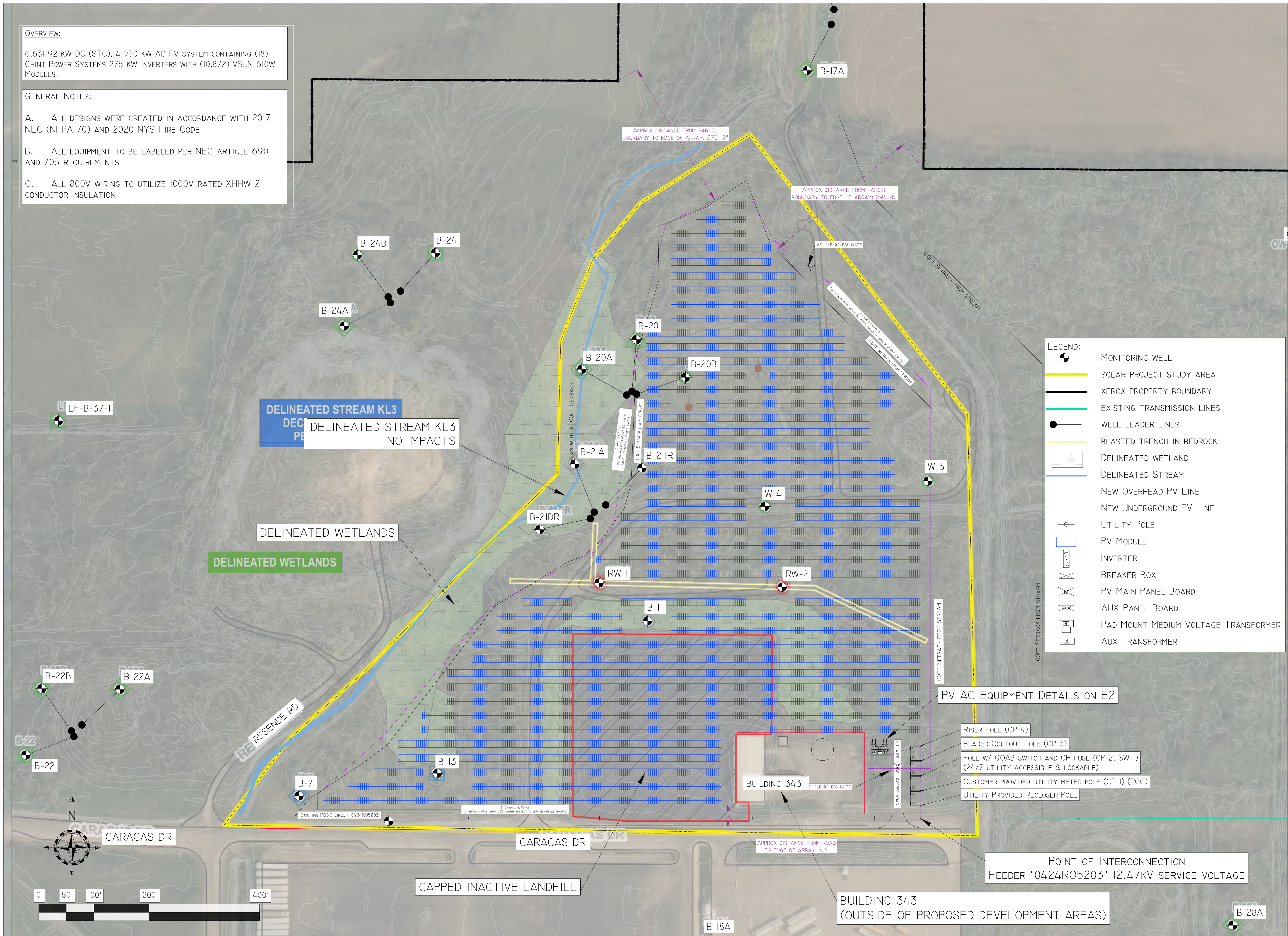
Montante Solar
2760 Kenmore Avenue
Tonawanda, NY 14150

ENGINEERING STAMP NO. _____



UNAUTHORIZED ALTERATION OR ADDITION TO THIS ENGINEERING DRAWING IS A VIOLATION OF SECTION 7209, PROVISION 2 OF NEW YORK STATE EDUCATION LAW

XEROX CORPORATION SOLAR ARRAY
6.6 MWDC / 4.95 MWAC PHOTOVOLTAIC SYSTEM
139 CARACAS DR, WEBSTER, NY 14580



- LEGEND:
- MONITORING WELL
 - SOLAR PROJECT STUDY AREA
 - XEROX PROPERTY BOUNDARY
 - EXISTING TRANSMISSION LINES
 - WELL LEADER LINES
 - BLASTED TRENCH IN BEDROCK
 - DELINEATED WETLAND
 - DELINEATED STREAM
 - NEW OVERHEAD PV LINE
 - NEW UNDERGROUND PV LINE
 - UTILITY POLE
 - PV MODULE
 - INVERTER
 - BREAKER BOX
 - PV MAIN PANEL BOARD
 - AUX PANEL BOARD
 - PAD MOUNT MEDIUM VOLTAGE TRANSFORMER
 - AUX TRANSFORMER

PV AC EQUIPMENT DETAILS ON E2

- RISER POLE (CP-4)
- BLADED COUTOUT POLE (CP-3)
- POLE W/ GOAB SWITCH AND OH FUSE (CP-2, SW-1) (24/7 UTILITY ACCESSIBLE & LOCKABLE)
- CUSTOMER PROVIDED UTILITY METER POLE (CP-1) (PCC)
- UTILITY PROVIDED RECLOSER POLE

POINT OF INTERCONNECTION
FEEDER "0424R05203" 12.47KV SERVICE VOLTAGE

BUILDING 343
(OUTSIDE OF PROPOSED DEVELOPMENT AREAS)

REVISIONS	
#	CHANGE LOG
1.0	INITIAL DESIGN OF PROJECT
1.1	POLE LINE-UP MODIFIED PER UTILITY COMMENTS
1.2	LAYOUT MODIFIED FOLLOWING ENVIRONMENTAL SURVEY
1.3	ADDED FENCE AND REMOVED MODULES ABOVE BLASTED TRENCH
1.4	UPDATED MODULE SPEC, ADDED SCALE WARNINGS AND DISTANCE TO PROPERTY BOUNDARIES
1.5	PROJECT STUDY ADDED, REMOVED ARRAY OVER WENT PIPES CONCRETE DRAINAGE FIELD
1.6	

SCALE: No SCALE
DRAWN BY: JPG
DATE: 2025-03-31

SHEET #
EI

ELECTRICAL LAYOUT