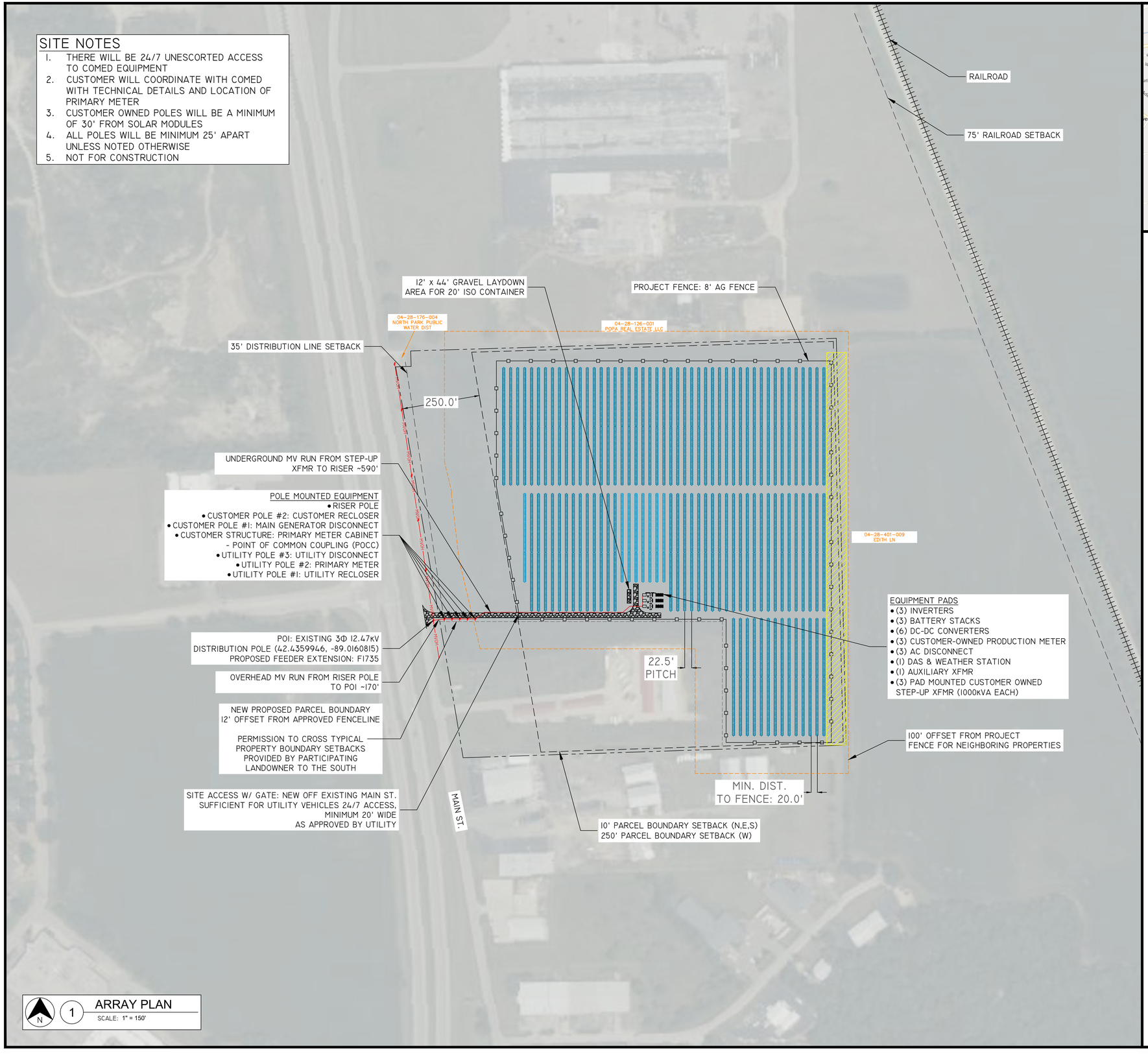
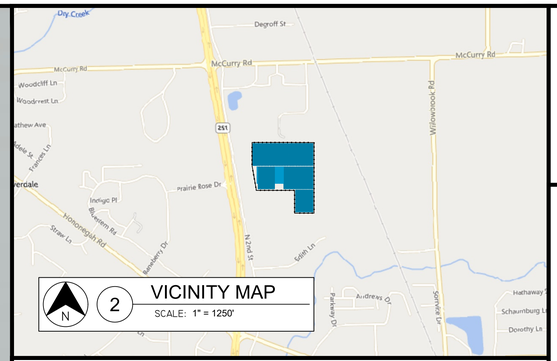
SITE NOTES

1. THERE WILL BE 24/7 UNESCORTED ACCESS TO COMED EQUIPMENT
2. CUSTOMER WILL COORDINATE WITH COMED WITH TECHNICAL DETAILS AND LOCATION OF PRIMARY METER
3. CUSTOMER OWNED POLES WILL BE A MINIMUM OF 30' FROM SOLAR MODULES
4. ALL POLES WILL BE MINIMUM 25' APART UNLESS NOTED OTHERWISE
5. NOT FOR CONSTRUCTION



N 1 ARRAY PLAN
SCALE: 1" = 150'



N 2 VICINITY MAP
SCALE: 1" = 1250'

SYSTEM SPECIFICATIONS

- SYSTEM SIZE: 5974.00kW$_{DC}$ / 2988kW$_{AC}$
- BESS PLATFORM: (3) LG-JF24HRDC-LINK
  - BESS NAMEPLATE CAPACITY: 15330kWh
  - BESS DISCHARGE POWER CAPACITY: 2988kW
- PV MODULE: (10300) SILFAB SIL-580 XM+ 580W
- PV RACKING: (4) ATI DURATRACK SINGLE-AXIS TRACKER
- INVERTER: (3) EPC CABI000/AC-3L.2-600V 1200kW
  - INVERTER POWER CURTAILED TO 996kW
  - POWER FACTOR: 1.0
- GROUND COVERAGE RATIO: 0.33
- FENCED AREA: 23.5acres

SITE SPECIFICATIONS

- JURISDICTION: Winnebago
  - PARCEL ID: 0428176002, 0428176003
  - PARCEL AREA: 40.4acres
  - ZONING CLASSIFICATION: AGRICULTURAL
  - ZONING SETBACKS: ASSUMED 50' FROM PARCEL BOUNDARY
- UTILITY: COMED
  - INTERCONNECTION SERVICE VOLTAGE: 12.47kV
- ASHRAE 2% AVG HIGH TEMP: 32.7°c
- ASHRAE EXTREME LOW TEMP: -25.3°c
- TREE REMOVAL REQUIRED: 1.85acres
- EPC TO DETERMINE DC COMBINER USAGE AND LOCATIONS

LEGEND

- ACCESS ROAD
- AREA OF INTEREST
- HIGH VOLTAGE OVERHEAD ELECTRICAL LINES
- MEDIUM VOLTAGE OVERHEAD ELECTRICAL LINES
- MEDIUM VOLTAGE UNDERGROUND ELECTRICAL LINES
- LOW VOLTAGE ELECTRICAL LINES
- FENCELINE
- PARCEL BOUNDARY
- FIRE ACCESSWAYS
- FLOOD PLAIN
- OBSTRUCTIONS
- SETBACKS
- TREE REMOVAL
- VEGETATIVE BUFFER
- WETLAND AREA

REV	DRWN	DATE	DESCRIPTION
4	NGS	2026.08.31	INCLUDING ADDITIONAL BUFFER FROM PROPERTY LINE
3	NGS	2026.07.09	CLP DESIGN UPDATES
2	NGS	2026.05.28	EQUIPMENT UPDATE. ADDING VEGETATIVE BUFFER.
1	NGS	2025.10.20	INCORPORATING BESS
0	JCL	2025.06.20	PRELIMINARY DESIGN

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Pivot Energy
1601 WEWATTA ST, SUITE 700
DENVER, CO 80202
888-734-0033

ILL0143-MAINST-WINNEBAGO
42.437271, -89.014348
ROSCOE, IL 61073
DATE: 2026.08.31

E100
ARRAY PLAN