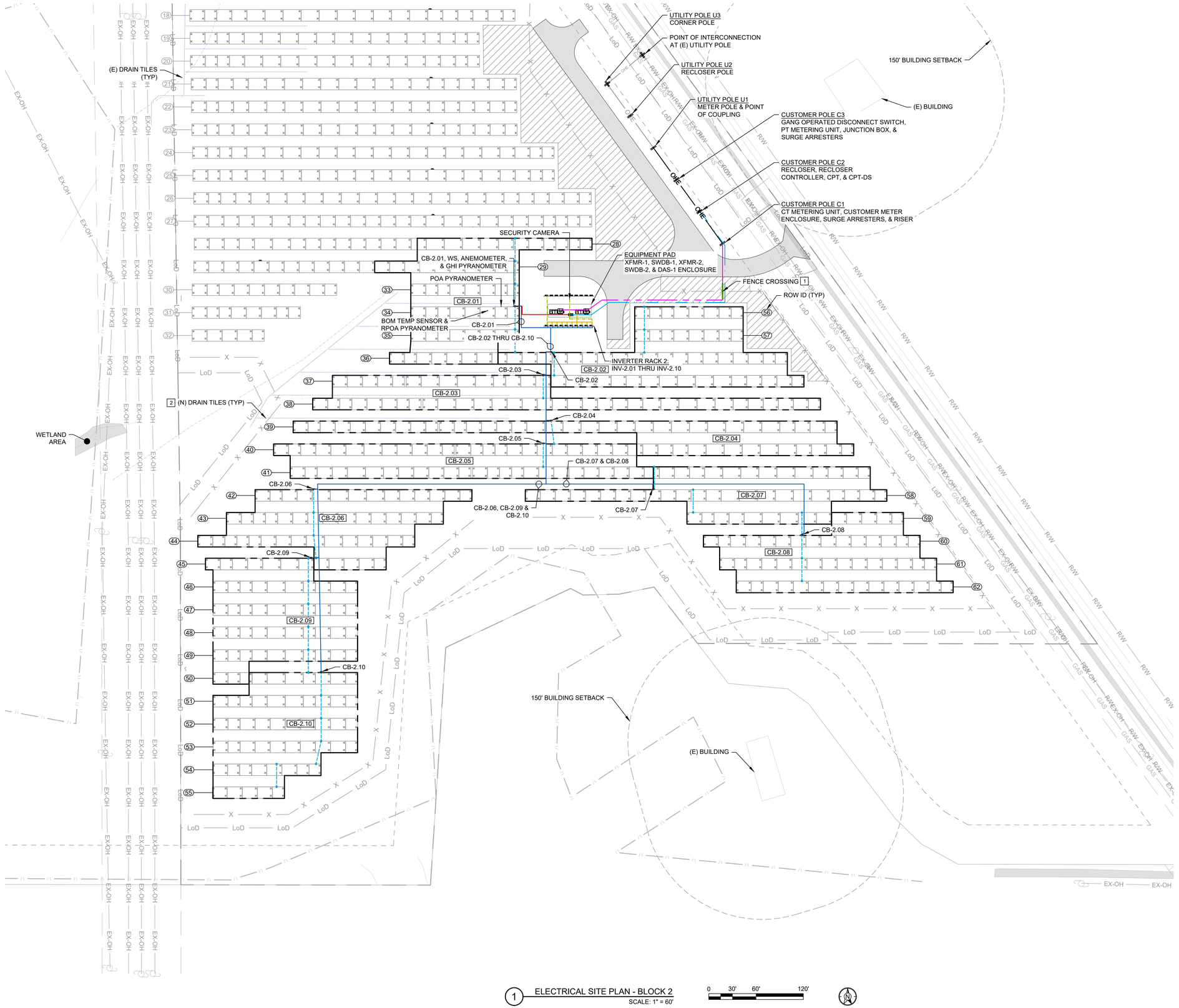
THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING



1 ELECTRICAL SITE PLAN - BLOCK 2
SCALE: 1" = 60'

0 30' 60' 120'

SHEET NOTES:

1. ACCESS ROADS, FENCES, AND OTHER CIVIL WORKS ARE DESIGNED BY OTHERS AND SHOWN FOR REFERENCE ONLY.
2. MOST RACKING COMPONENTS NOT SHOWN FOR CLARITY. REFER TO RACKING MANUFACTURER DRAWINGS BY OTHERS FOR RACKING SYSTEM INSTALLATION DETAILS.
3. DRAWING IS DIAGRAMMATIC AND INDICATES DESIGN INTENT ONLY. CONTRACTOR SHALL COORDINATE EXACT CONDUIT AND CONDUCTOR ROUTING WITH FIELD CONDITIONS WHILE RESPECTING MINIMUM SPACING SHOWN IN TRENCH DETAILS.
4. IF TRENCHING IS REQUIRED NEAR STRUCTURAL PILES, CONSULT STRUCTURAL/GEOTECHNICAL ENGINEER TO CONFIRM GUIDELINES FOR REMEDIATION PRIOR TO EXCAVATION.
5. THE MINIMUM DISTANCE BETWEEN EDGE OF TRENCH AND NEAREST RACKING PILE SHALL BE TWO FEET OR AS DETERMINED BY STRUCTURAL EOR, WHICHEVER IS GREATER.
6. NO MORE THAN A TOTAL OF 360° BENDS ON A CONDUIT RUN. CONTRACTOR SHALL INSTALL PULL BOX AS NECESSARY.
7. A MARKER POST INDICATING THE CABLE LOCATION AND CABLE DEPTH SHALL BE INSTALLED AT BOTH ENDS WHERE CABLES CROSS UNDER THE ACCESS ROAD.
8. ALL UNDERGROUND CONDUITS SHALL BE PVC 40. ALL 90° UNDERGROUND ELBOWS FOR COMMUNICATION CONDUITS SHALL BE RMC. IF A CONDUIT RUN EXCEEDS 100', THE 90° UNDERGROUND ELBOWS AT THE PULLING END OF THE CIRCUIT SHALL BE IMC. ALL OTHER UNDERGROUND ELBOWS AND STUB UPS SHALL BE PVC 80, UON.

KEYED NOTES:

1 MV EGC CROSSING UNDER FENCE SHALL BE ROUTED THROUGH CONDUIT AND EXTENDED 10FT MINIMUM ON EACH SIDE OF FENCE. SEE DETAIL 3 ON E-604.

2 MAINTAIN A 1' SEPARATION BETWEEN TRENCHES AND DRAIN TILES ON ALL SIDES. A 6" MINIMUM SEPARATION MAY BE UTILIZED IN CHALLENGING AREAS. MAINTAIN CABLE DEPTHS SHOWN ON E-604. IF DEEPER DEPTHS ARE REQUIRED, THE ELECTRICAL ENGINEER SHALL BE NOTIFIED FOR AN AMPACITY CHECK.

LEGEND:

- EX-OH — (E) OVERHEAD ELECTRIC
- OHE — (N) OVERHEAD MV CIRCUIT
- OHE — (N) OVERHEAD MV CIRCUIT (BY UTILITY)
- PROPERTY LINE SETBACK
- LAYDOWN AREA
- X — (N) FENCE
- UG MV CIRCUIT (DIRECT BURIED)
- UG FIBER IN CONDUIT
- UG LVAC IN CONDUIT
- UG CAT6 IN CONDUIT
- UG RS485 & 24VDC IN CONDUIT
- UG COMBINER OUTPUT (DIRECT BURIED)
- UG DC STRING CIRCUITS IN CONDUIT
- CROSSING IN CONDUIT
- COMBINER OUTLINE
- PV ARRAYS
- COMBINER BOX

PV SOURCE CIRCUIT CONDUIT SIZING TABLE

CIRCUIT QUANTITY	PVC 40 CONDUIT SIZE
1	1"
2 - 4	1-1/2"

DESIGN COORDINATOR

KNOBELSDORFF

25701 370TH STREET
GOODHUE, MN 55027

PROJECT

138883 CEMETERY SUN, LLC

24638 ADAMS RD,
FREDERICK, IL 62639
40.089020°, -90.442132°

ENGINEER

STELLAVISE
SOLAR ENGINEERING

2535 CAMINO DEL RIO S, STE. 235
SAN DIEGO, CA 92108
IL DESIGN FIRM #184.009162

WWW.STELLAVISE.COM (619) 837-5331

SEAL

LICENSED PROFESSIONAL ENGINEER
BRICE CASEBEER
062-070349
02/27/2026
STATE OF ILLINOIS

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REVISIONS

#	DESCRIPTION	DATE
0	IFC	02/06/2026
1	IFC R1	02/27/2026

ISSUED FOR CONSTRUCTION
FEBRUARY 27, 2026

138883 CEMETERY SUN, LLC
FREDERICK, IL, 62639

SHEET TITLE

ELECTRICAL SITE PLAN - BLOCK 2

SHEET NO.

E-202