

SHEET TITLE:

DRAWING NO.

**EQUIPMENT AREA PLAN VIEW** 

Scale: 1"=50'

**ELECTRICAL SITE** 

PLAN

PRINTED: 08/09/25 FILE LOCATION: G:\Shared drives\SR-Clients\DimensionRE\Projects - DRE\Jo

EXPANSION JOINTS.

42" TALL, PER CBC 2022 ARTICLE 1015.6.

1 CONDUIT ROUTING IS DIAGRAMMATIC, CONTRACTOR SHALL DETERMINE BEST CONDUIT ROUTE.

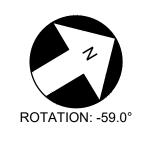
4 ENVIRONMENTAL SENSORS SHALL BE FIELD LOCATED UNLESS DRAWN EXPLICITLY.

2 LOCATE PULL BOXES AND EXPANSION JOINTS AS REQUIRED BY CODE AND THE SPECIFICATIONS. LFMC MAY

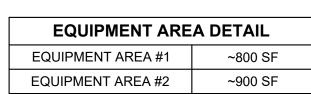
BE USED WHERE APPROPRIATE TO ACCOUNT FOR THERMAL EXPANSION OF STEEL CONDUIT IN LIEU OF

3 KEEP PATHWAYS FREE OF OBSTRUCTIONS BY RUNNING CONDUIT AS CLOSE AS PRACTICAL TO PV ARRAY. LOCATE SERVICEABLE EQUIPMENT MORE THAN 10' FROM THE ROOF EDGE IF PARAPET IS NOT GREATER THAN

5 INVERTERS SHALL BE LOCATED, AS SHOWN ON PLANS, TO MINIMIZE SHADING IMPACT ON PV MODULES



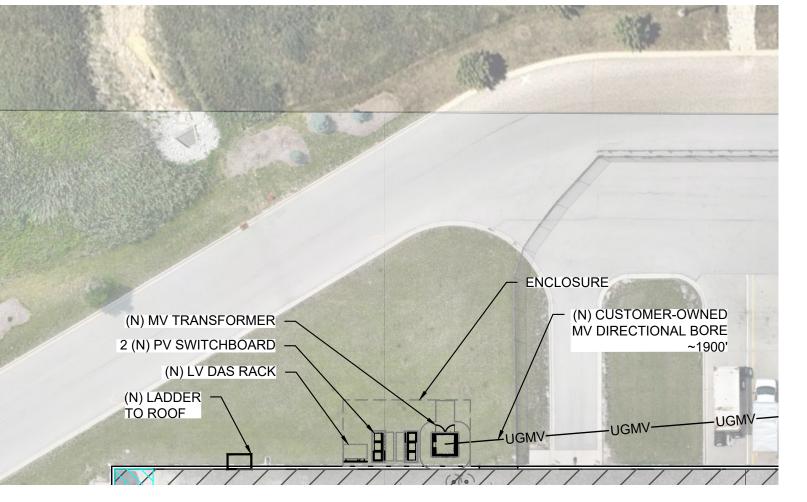
ELECTRICAL SITE PLAN
Scale: 1"=80'



LEGEND	
	PV MODULE
7///,	FIRE SETBACK/ACCESS PATHWAY
	ROOF OBSTRUCTION
	SKYLIGHT (GRAVITY-OPERATED SMOKE AND HEAT VENT)
	OFFSET FROM OBSTRUCTION
	AC CONDUIT/CABLE TRAY PATH
	STRUCTURAL EXCLUSION ZONE

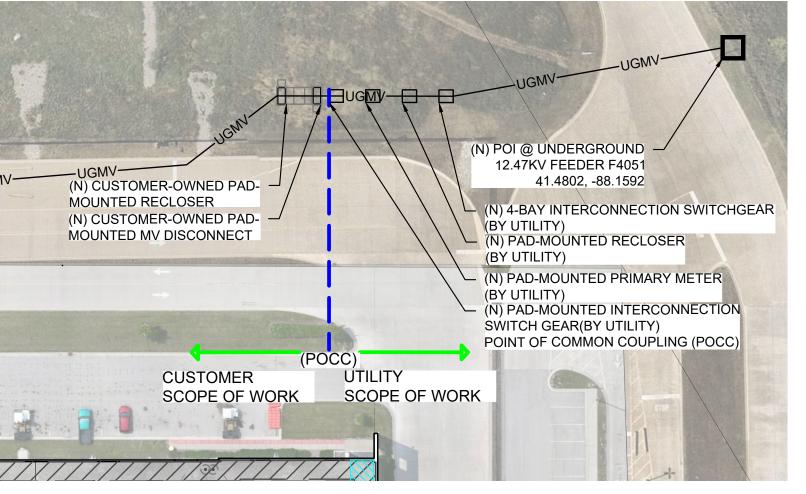
## SHEET NOTES

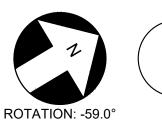
- 1 CONDUIT ROUTING IS DIAGRAMMATIC, CONTRACTOR SHALL DETERMINE BEST CONDUIT ROUTE.
- 2 LOCATE PULL BOXES AND EXPANSION JOINTS AS REQUIRED BY CODE AND THE SPECIFICATIONS. LFMC MAY BE USED WHERE APPROPRIATE TO ACCOUNT FOR THERMAL EXPANSION OF STEEL CONDUIT IN LIEU OF EXPANSION JOINTS.
- 3 KEEP PATHWAYS FREE OF OBSTRUCTIONS BY RUNNING CONDUIT AS CLOSE AS PRACTICAL TO PV ARRAY. LOCATE SERVICEABLE EQUIPMENT MORE THAN 10' FROM THE ROOF EDGE IF PARAPET IS NOT GREATER THAN 42" TALL, PER CBC 2022 ARTICLE 1015.6.
- 4 ENVIRONMENTAL SENSORS SHALL BE FIELD LOCATED UNLESS DRAWN EXPLICITLY.
- 5 INVERTERS SHALL BE LOCATED, AS SHOWN ON PLANS, TO MINIMIZE SHADING IMPACT ON PV MODULES WHEREVER POSSIBLE.





1 EQUIPMENT AREA PLAN VIEW
Scale: 1"=30"





2 EQUIPMENT AREA PLAN VIEW
Scale: 1"=50"



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NOT FOR CONSTRUCTION

OLIET CSG 2 LLC
PV PROJECT
3300 CHANNAHON ROAD

POCC/POI COORDINATES: 41.4802,-88.1592

A 30% SET 8/8/2025 KHI APB
REV.# DESCRIPTION DATE DRAWN BY CHECKE

DRAWING NO.

24" x 36"

**ELECTRICAL SITE** 

PLAN

SCALE:

SHEET TITLE:

E-110

Figure 1: Target distribution facility at 3300 Channahon Road (2025) COMED **EQUIPMENT** AREA EQUIPMENT ENCLOSURE 3500 SOLAR **ARRAY 1** 3300 EQUIPMENT ENCLOSURE SOLAR .

Figure 2: View of 3300 Channahon Road from Channahon Road (Route 6), looking south (May and June 2025)





Figure 3: Other Dimension Energy roof-mounted solar projects (Franklin, New Jersey and Moorestown, New Jersey)





Figure 4: Equipment example: MV Disconnect



Figure 5: Equipment example: Transformer



Figure 6: Equipment example: Switchgear



Figure 7: Building equipment enclosure example: chain-link fence with slats

