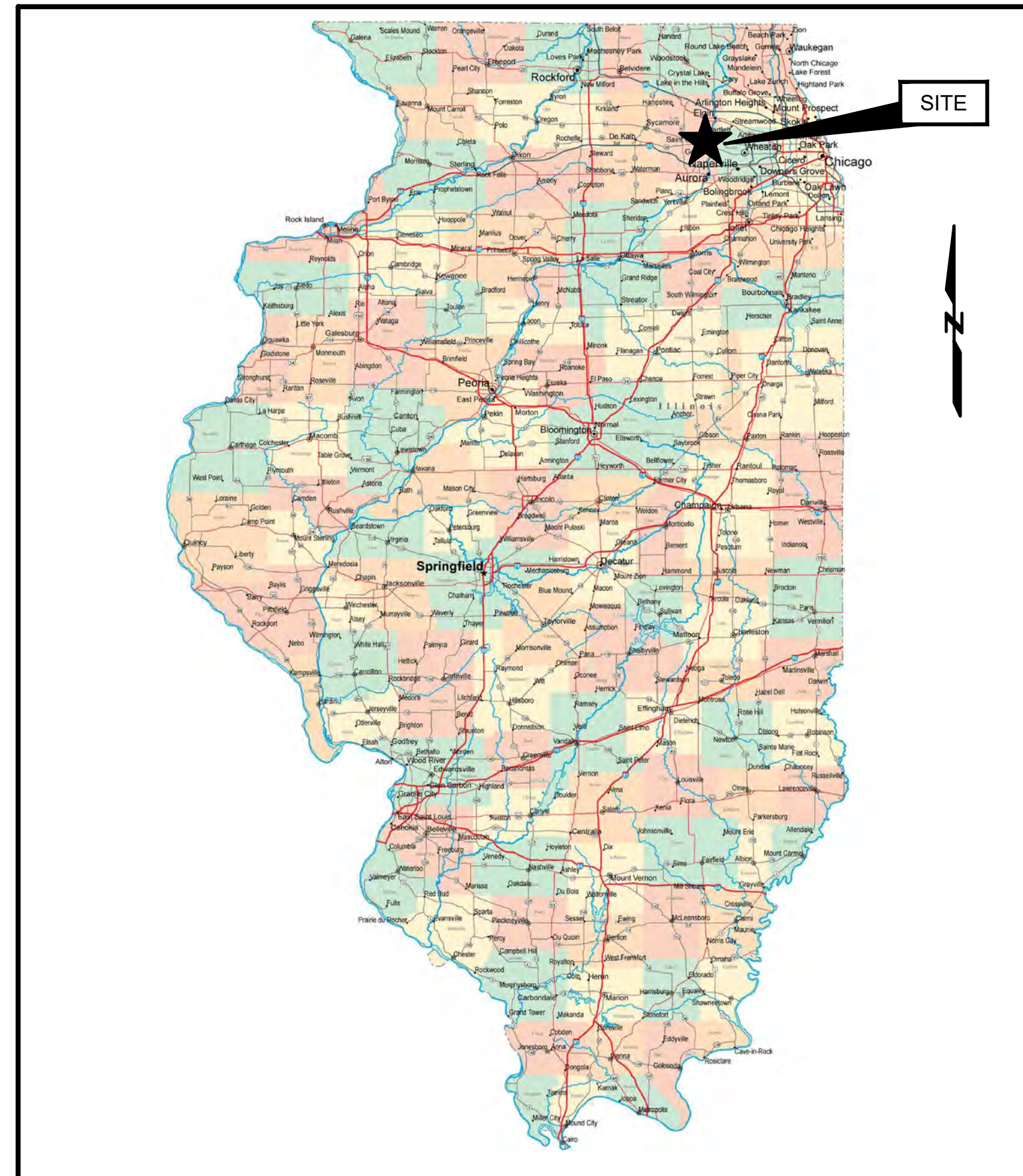
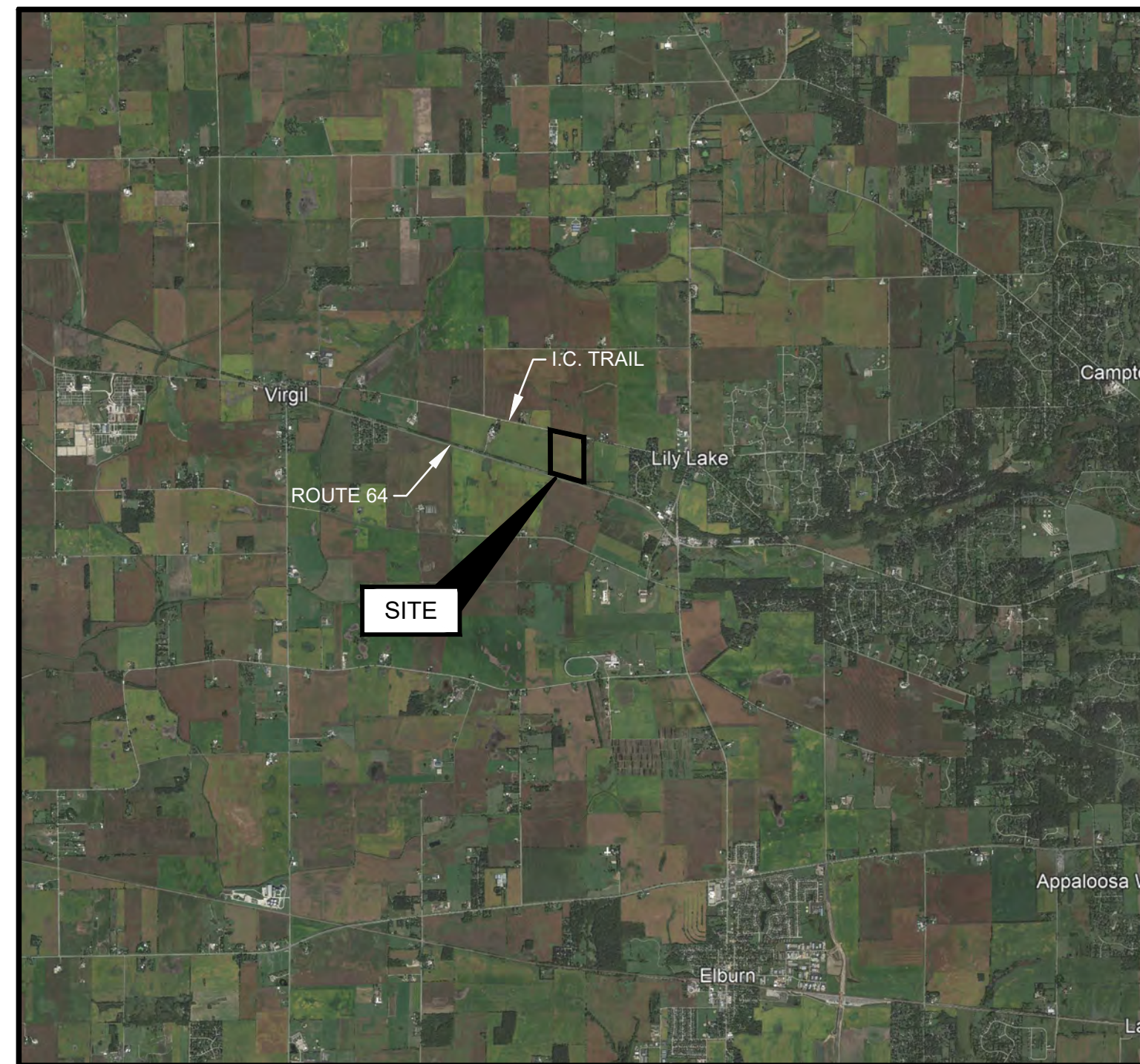


5.0 MW AC GROUND MOUNTED SOLAR FARM

ILSOLARO5 LLC - HARTMANN FARM SOLAR
45W531 IC TRAIL, MAPLE PARK, ILLINOIS 60151

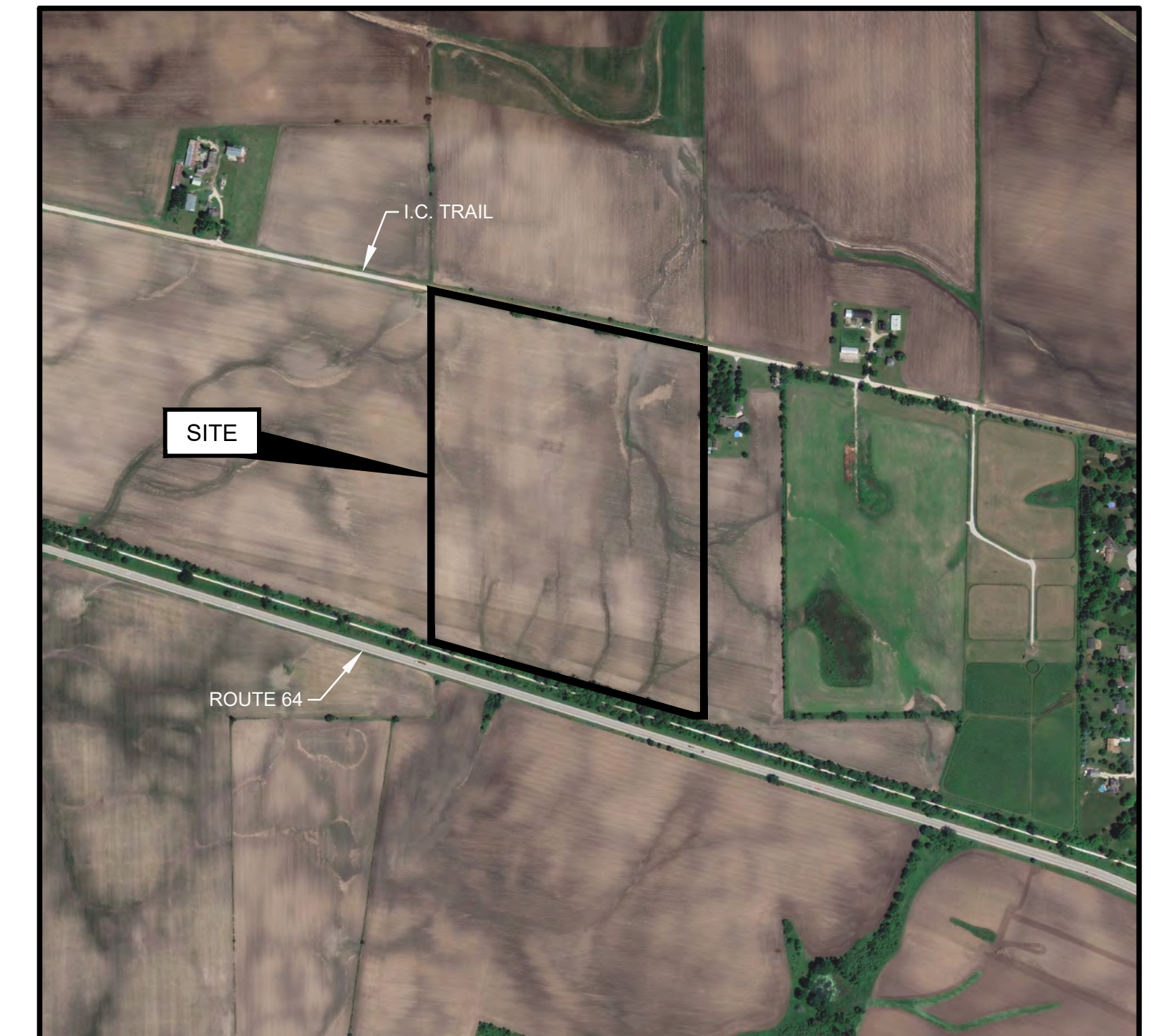


ILLINOIS STATE MAP
(NOT TO SCALE)



SOURCE:
GOOGLE EARTH

SITE VICINITY MAP
(NOT TO SCALE)



SOURCE:
GOOGLE EARTH

SITE LOCATION MAP
(NOT TO SCALE)

PROJECT DATA	
MODULE TYPE	TRINA TSM-DEG20C.20 - 585W MODULE
MODULE DIMENSIONS (INXIN)	85.51"(L) x 51.30"(W) x 1.57"(H)
MODULE WATTAGE (W STC)	585
#MODULES	12800
SYSTEM SIZE (MWDC STC)	7.49
ARRAY TILT (DEGREES)	SINGLE AXIS TRACKER
AZIMUTH (DEGREES)	180°
INVERTER TYPE	CHINT CPS SCH125KTL-DO/US-600
#INVERTERS	40
GROSS NAMEPLATE RATING (MWAC)	5.00
SERVICE VOLTAGE OF MAIN PANEL	13800V
SYSTEM AC OUTPUT CURRENT	209.19A

PREPARED FOR:

ILSOLARO5 LLC
330 W. GOETHE ST.
CHICAGO, IL 60610

LANDOWNER INFO
DALE & JENNIFER HARTMANN
7N425 SAUBER ROAD
MAPLE PARK, IL 60151

PREPARED BY:

GEI CONSULTANTS, INC.
8615 W. BRYN MAWR AVE.
SUITE 406
CHICAGO, IL 60631
(312)985-0365



SHEET INDEX		
SHEET NO.	DRAWING NO.	SHEET TITLE
1	C-1	TITLE & SHEET LIST
2	C-2	EXISTING SITE CONDITIONS - IMAGERY
3	C-3	EXISTING SITE CONDITIONS - TOPOGRAPHY
4	C-4	AREA PROPERTIES & ZONING
5	C-5	AREA DRAINAGE, FLOODWAY & WETLANDS
6	C-6	SOLAR PANEL LAYOUT PLAN
7	C-7	TYPICAL DETAILS
8	C-8	LANDSCAPING PLAN

NOT FOR CONSTRUCTION

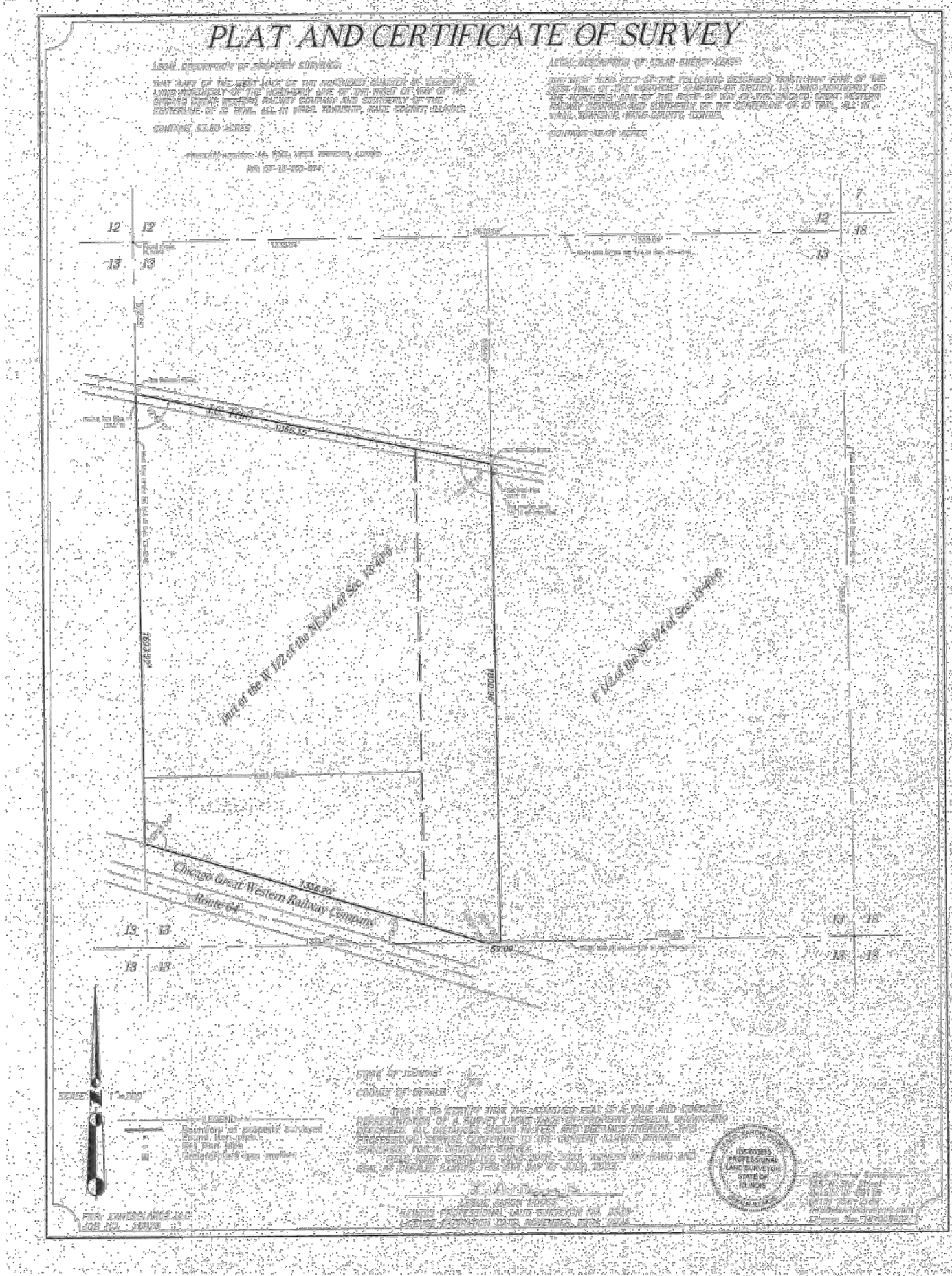


DWG. NO. C-1
SHEET NO. 1 OF 8
REV NO. 0

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GEI PROJECT NO. 2303049
AUGUST 24, 2023

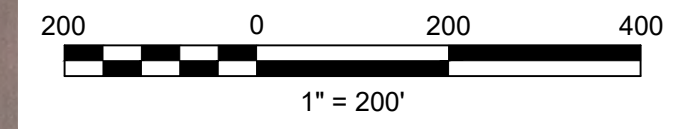


PLAT OF SURVEY
NOT TO SCALE

- LEGEND**
- SITE PROPERTY BOUNDARY (APPROXIMATE)
 - PROPERTY LEASED FOR SOLAR FACILITY
 - PROPERTY BOUNDARY SETBACK, 50'
 - ADJACENT PARCEL LINES
 - 45W100 PROPERTY ADDRESS

NOTES (APPLICABLE TO ALL SHEETS)

- 1) PROPERTY/PARCEL LINES, PARCEL ID NUMBERS, ADDRESSES, AND ZONING CLASSIFICATIONS SHOWN ARE FROM KANE COUNTY, ILLINOIS, GIS DATA >> https://gitech.countyofkane.org/gisims/kanemap/kanegis4_agox.html
- 2) ALL PROPERTY/PARCEL LINE LOCATIONS ARE APPROXIMATE ONLY AND DO NOT REPRESENT A SURVEY. SEE THE RECORDED DOCUMENTS FOR MORE DETAILED LEGAL INFORMATION.
- 3) IMAGE SOURCE: GOOGLE EARTH, JUNE 14, 2020
- 4) TOPOGRAPHIC CONTOURS FROM LIDAR SURVEY IN APRIL & MAY, 2017



NOT FOR CONSTRUCTION

E:\Landing\Hartmann-Solar_Hartmann2_Existing-Site-Conditions_Imagery.dwg - 8/25/2023

<p>Attention:</p> <p>If this scale bar does not measure 1" then drawing is not original scale.</p>	Designed: FZW
	Drawn: KJC
	Checked: MFS
	Approved: KAP
	P.E. No: 062.072571
GEI Project 2303049	



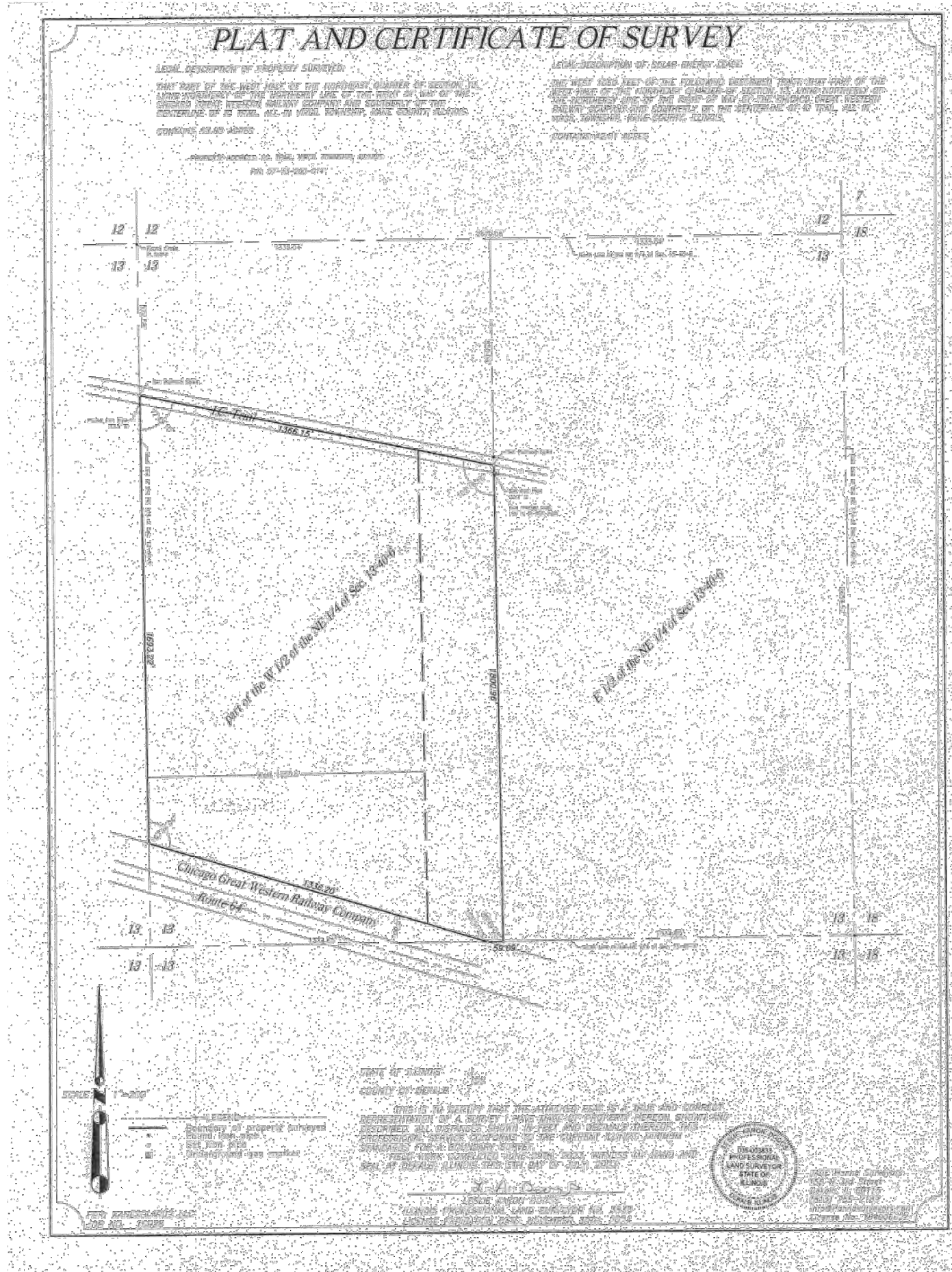
ILSOLAR05 LLC
330 W. GOETHE ST.
CHICAGO, IL 60610

5.0 MW AC GROUND MOUNTED SOLAR FARM
ILSOLAR05 LLC
HARTMANN FARM SOLAR
45W531 IC TRAIL
MAPLE PARK, IL 60151

NO	DATE	ISSUE/REVISION	APP
0	8/25/2023	SPECIAL USE APPLICATION	KAP
		ISSUE/REVISION	APP

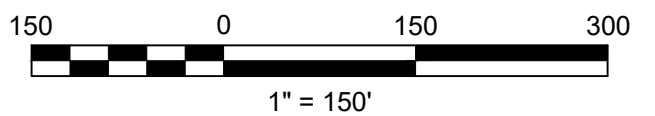
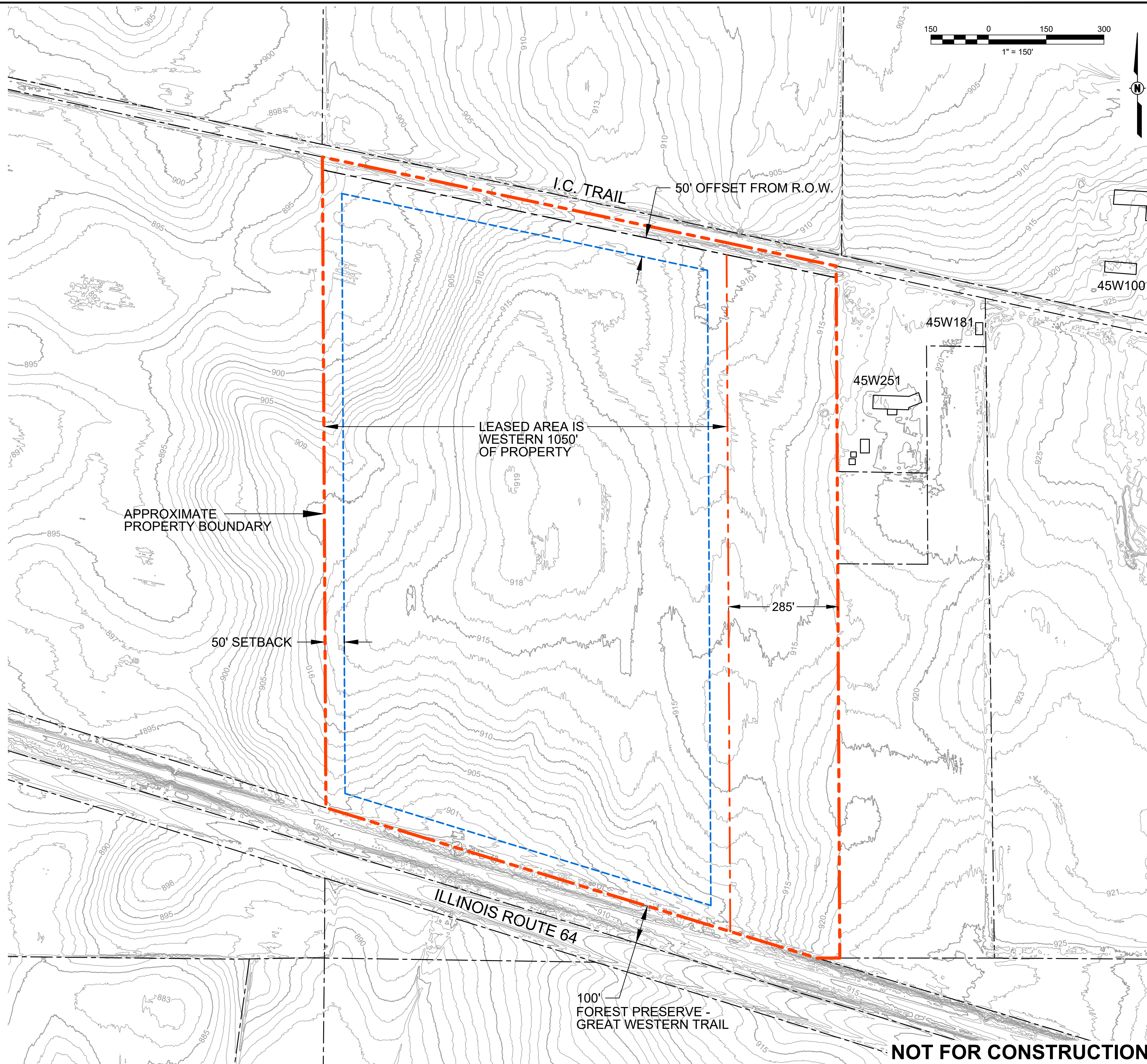
SHEET NAME
EXISTING SITE CONDITIONS - IMAGERY

DRAWING NO.
C-2



PLAT OF SURVEY
NOT TO SCALE

- LEGEND**
- SITE PROPERTY BOUNDARY (APPROXIMATE)
 - PROPERTY BOUNDARY SETBACK, 50'
 - ADJACENT PARCEL LINES
 - PROPERTY ADDRESS
 - GROUND SURFACE CONTOUR
 - BUILDING



Attention:

 If this scale bar does not measure 1" then drawing is not original scale.

Designed: FZW
 Drawn: KJC
 Checked: MFS
 Approved: KAP
 P.E. No: 062.072571
 GEI Project: 2303049



ILSOLAR05 LLC
 330 W. GOETHE ST.
 CHICAGO, IL 60610

5.0 MW AC GROUND MOUNTED SOLAR FARM

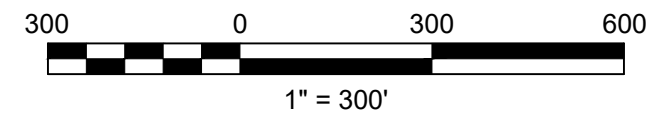
ILSOLAR05 LLC
 HARTMANN FARM SOLAR
 45W531 IC TRAIL
 MAPLE PARK, IL 60151

NO	DATE	ISSUE/REVISION	APP
0	8/25/2023	SPECIAL USE APPLICATION	KAP
		ISSUE/REVISION	APP

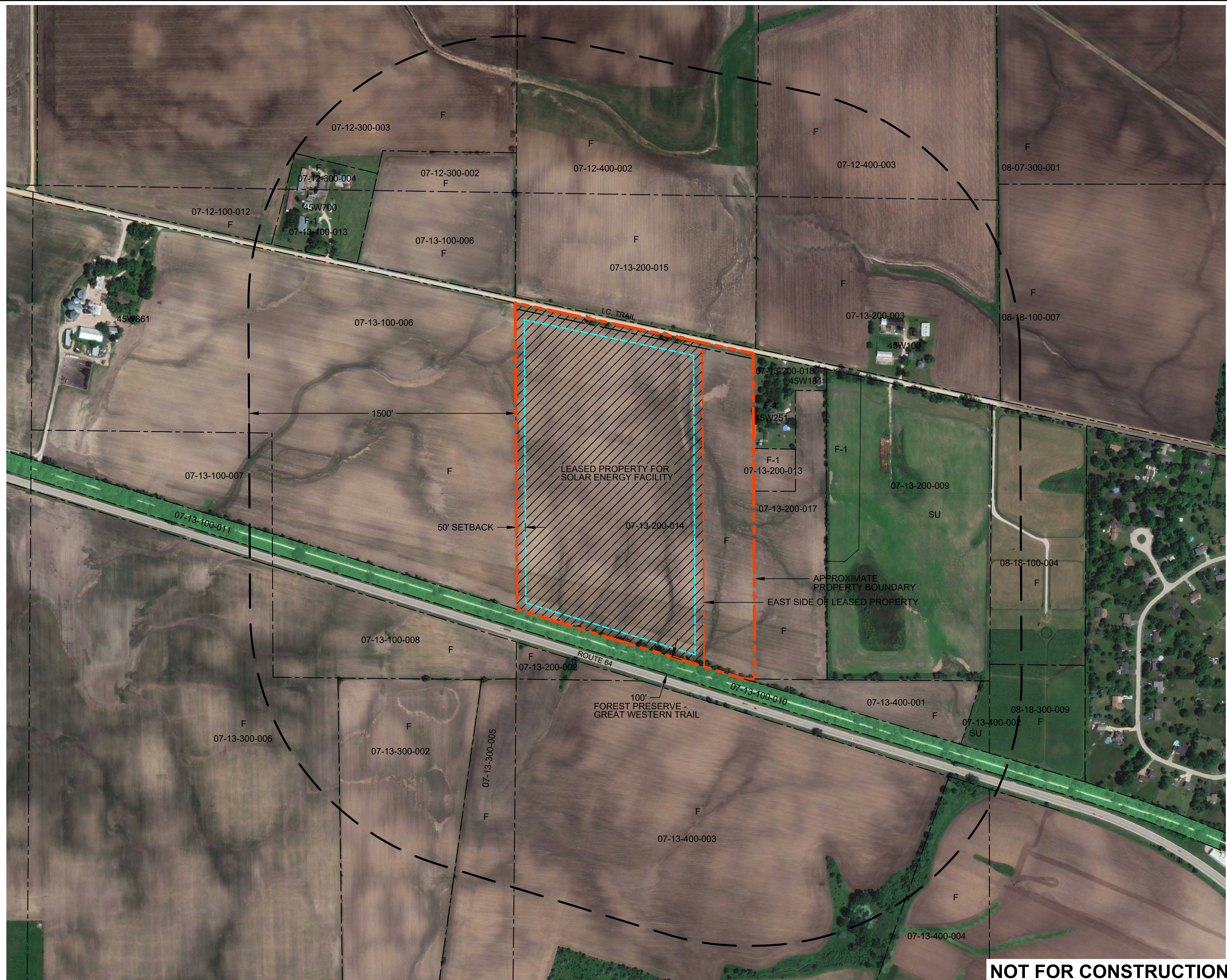
SHEET NAME
EXISTING SITE CONDITIONS - TOPOGRAPHY

DRAWING NO.
C-3

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- LEGEND**
- SITE PROPERTY BOUNDARY (APPROXIMATE)
 - PROPERTY BOUNDARY SETBACK, 50'
 - ADJACENT PARCEL LINES
 - PARCEL ID NUMBER
 - RESIDENTIAL ADDRESS NUMBER (I.C. TRAIL)
 - ZONING CLASSIFICATION
F - FARMING, F-1 RURAL RESIDENTIAL, SU - SPECIAL USE
 - 1500' RADIUS AROUND PROPERTY BOUNDARY



NOT FOR CONSTRUCTION

Attention:

 If this scale bar does not measure 1" then drawing is not original scale.

Designed:	FZW
Drawn:	KJC
Checked:	MFS
Approved:	KAP
P.E. No:	062.072571
GEI Project	2303049



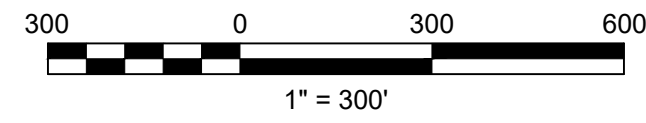
ILSOLAR05 LLC
 330 W. GOETHE ST.
 CHICAGO, IL 60610

5.0 MW AC GROUND MOUNTED SOLAR FARM
 ILSOLAR05 LLC
 HARTMANN FARM SOLAR
 45W531 IC TRAIL
 MAPLE PARK, IL 60151

NO	DATE	ISSUE/REVISION	APP
0	8/25/2023	SPECIAL USE APPLICATION	KAP
			APP

SHEET NAME
AREA PROPERTIES AND ZONING

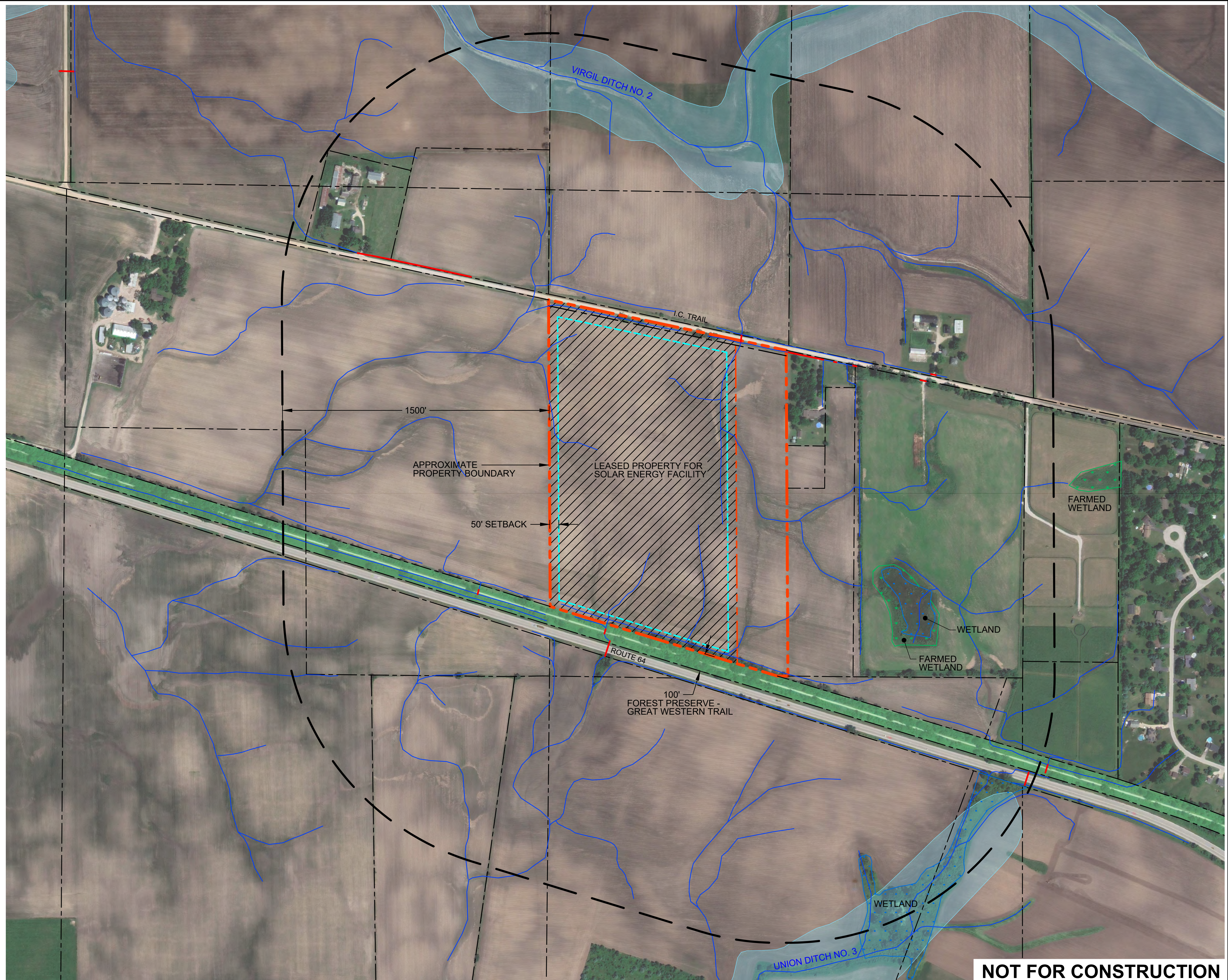
DRAWING NO.
C-4



LEGEND	
	SITE PROPERTY BOUNDARY (APPROXIMATE)
	PROPERTY LEASED FOR SOLAR FACILITY
	PROPERTY BOUNDARY SETBACK, 50'
	ADJACENT PARCEL LINES
	SURFACE DRAINAGE
	CULVERT
	FLOODPLAIN, ZONE A (1% ANNUAL CHANCE)
	WETLAND
	NRCS FARMED WETLAND
	1500' RADIUS AROUND PROPERTY BOUNDARY

NOTES

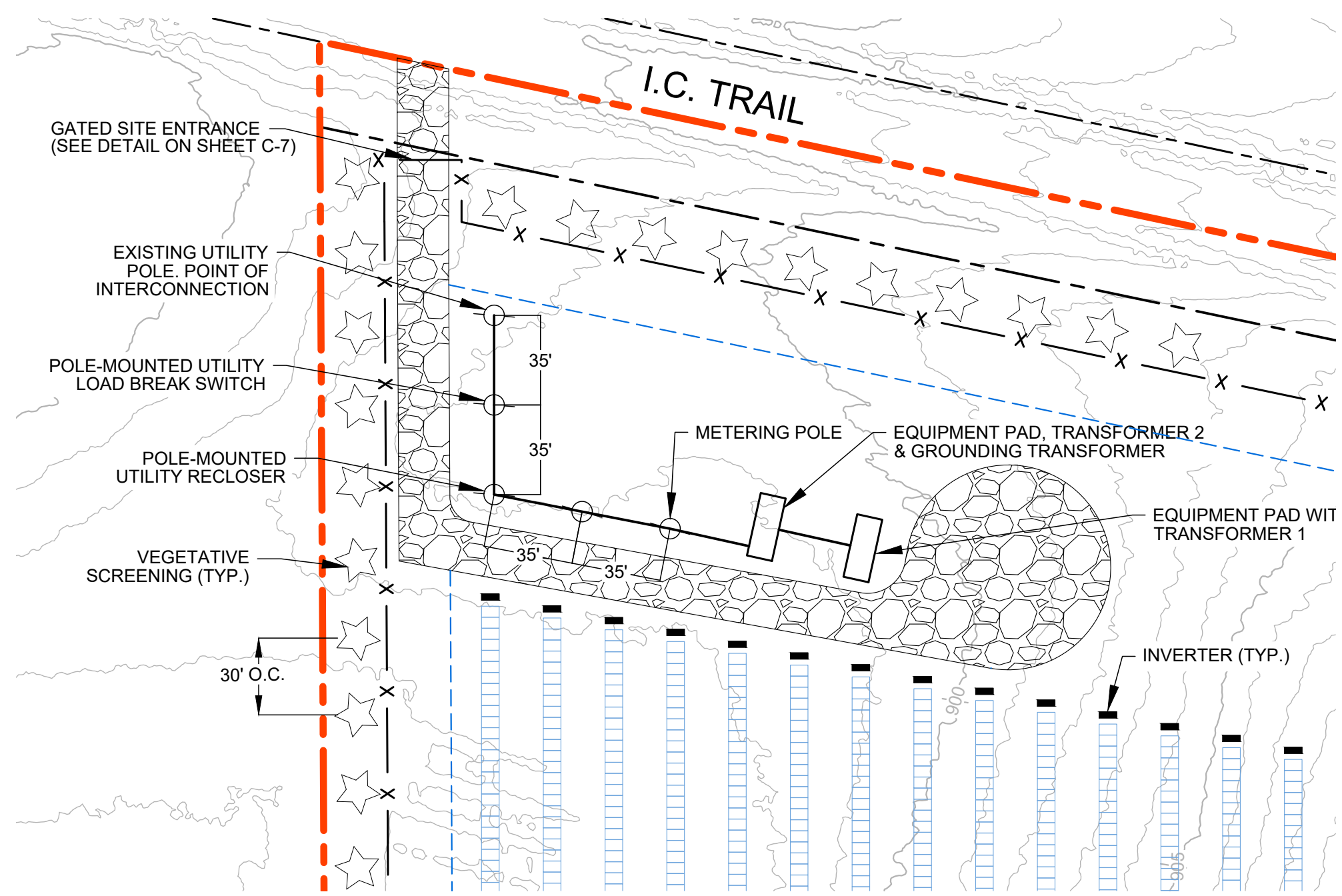
- 1) SURFACE DRAINAGE PATHWAYS, CULVERTS & WETLANDS SHOWN ARE FROM KANE COUNTY, ILLINOIS, GIS DATA https://gitech.countyofkane.org/gisims/kanemap/kanegis4_agox.html
- 2) WETLAND DATA PRODUCED UNDER THE ADVANCED IDENTIFICATION (ADID) PROGRAM OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY AND THE U.S. ARMY CORPS OF ENGINEERS. DESCRIPTIONS OF THE WETLAND INVENTORY METHODOLOGY AND THE WETLAND AND STREAM DESIGNATION CRITERIA ARE AVAILABLE IN THE KANE COUNTY ADID STUDY METHODOLOGY. THE WETLAND BOUNDARIES SHOWN ARE NOT JURISDICTIONAL BOUNDARIES.
- 3) FLOODWAYS SHOWN ARE FROM FEMA MAP NUMBER 17089C0250J, REVISED JULY 17, 2012. THE FLOODWAY AREAS SHOWN ARE SPECIAL FLOOD HAZARD AREA "ZONE A". ZONE A IS SUBJECT TO A 1% ANNUAL FLOOD CHANCE (100-YEAR FLOOD). NO BASE FLOOD ELEVATIONS DETERMINED.
- 4) DAVEY RESOURCE GROUP, INC. (DRG) CONDUCTED A WATER RESOURCE DETERMINATION FOR THE APPROXIMATELY 52-ACRE SITE. NO AREAS WITHIN THE STUDY AREA MET THE THREE CRITERIA REQUIRED TO BE CONSIDERED A WETLAND (i.e. HYDROLOGY, HYDRIC SOILS, AND HYDROPHYTIC VEGETATION). REFER TO DRG LETTER DATED JULY 10, 2023.



NOT FOR CONSTRUCTION

<p>Attention:</p> <p>If this scale bar does not measure 1" then drawing is not original scale.</p>	<p>Designed: FZW</p> <p>Drawn: KJC</p> <p>Checked: MFS</p> <p>Approved: KAP</p> <p>P.E. No: 062.072571</p> <p>GEI Project 2303049</p>	<p>GEI CONSULTANTS, INC. 8615 W. BRYN MAWR AVE. SUITE 406 CHICAGO, IL 60631 (312)965-0365</p>	<p>ILSOLAR05 LLC 330 W. GOETHE ST. CHICAGO, IL 60610</p>	<p>5.0 MW AC GROUND MOUNTED SOLAR FARM</p> <p>ILSOLAR05 LLC HARTMANN FARM SOLAR 45W531 IC TRAIL MAPLE PARK, IL 60151</p>	<p>0 8/25/2023 SPECIAL USE APPLICATION KAP</p> <p>NO DATE ISSUE/REVISION APP</p>	<p>SHEET NAME</p> <p>AREA DRAINAGE, FLOODWAY & WETLANDS</p>	<p>DRAWING NO.</p> <p>C-5</p>
	<p>0 8/25/2023 SPECIAL USE APPLICATION KAP</p> <p>NO DATE ISSUE/REVISION APP</p>				<p>SHEET NAME</p> <p>AREA DRAINAGE, FLOODWAY & WETLANDS</p>	<p>DRAWING NO.</p> <p>C-5</p>	

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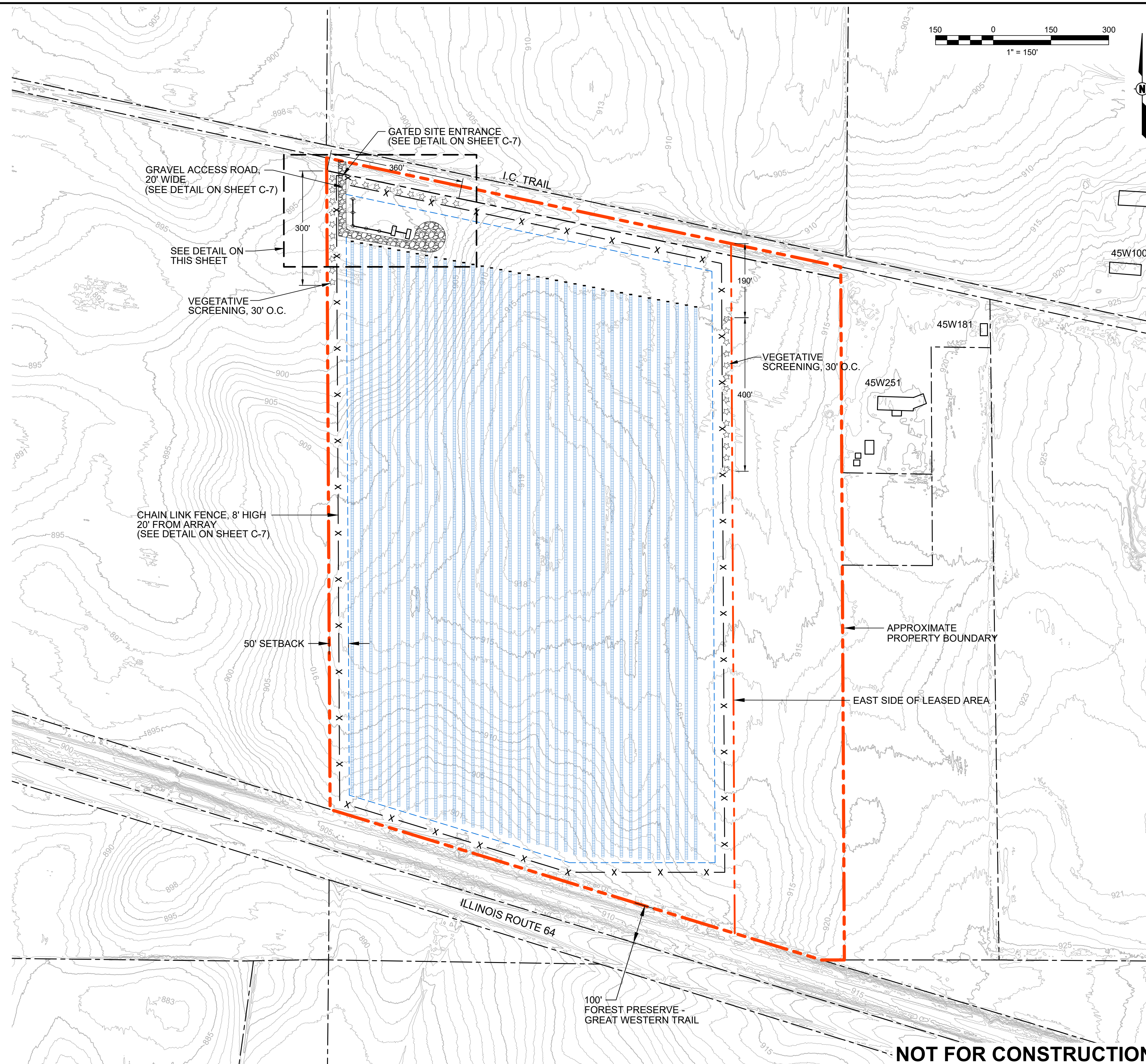
EQUIPMENT DETAIL AT SITE ENTRANCE
SCALE: 1" = 50'

NOTES

1) ELECTRICAL COMPONENTS SHOWN ARE SCHEMATIC. FINAL ELECTRICAL DESIGN AND LAYOUT WILL BE COMPLETED BY OTHERS.

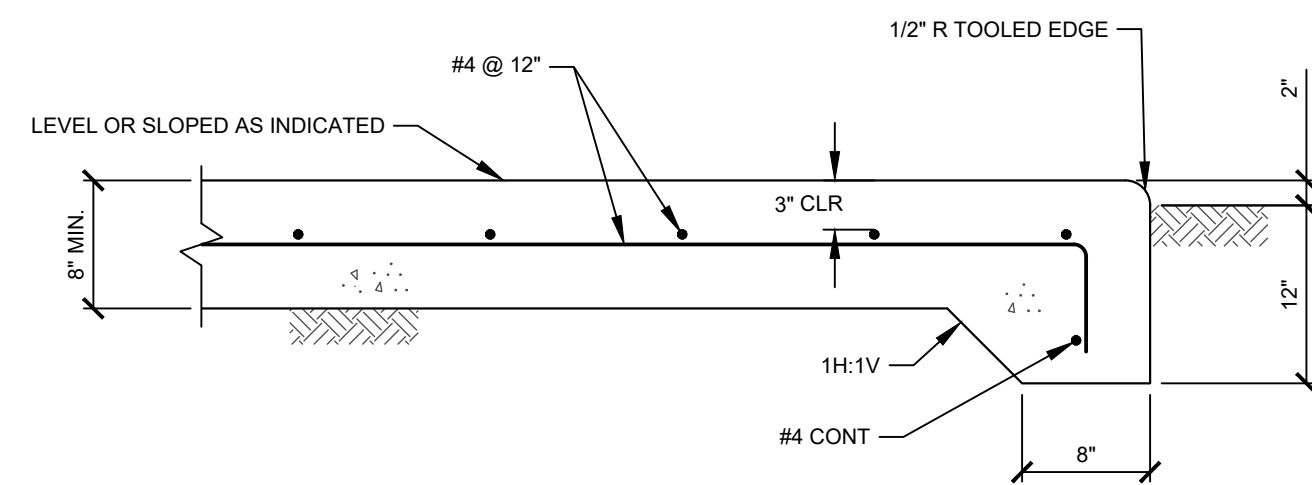
LEGEND

- SITE PROPERTY BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY SETBACK, 50'
- ADJACENT PARCEL LINES
- PROPERTY ADDRESS
- GROUND SURFACE CONTOUR
- BUILDING
- PERIMETER FENCE
- GRAVEL ACCESS ROAD
- SOLAR PANEL
- INVERTER
- POWER POLE
- EQUIPMENT PAD & TRANSFORMER
- TREE PLANTING, 30' O.C.



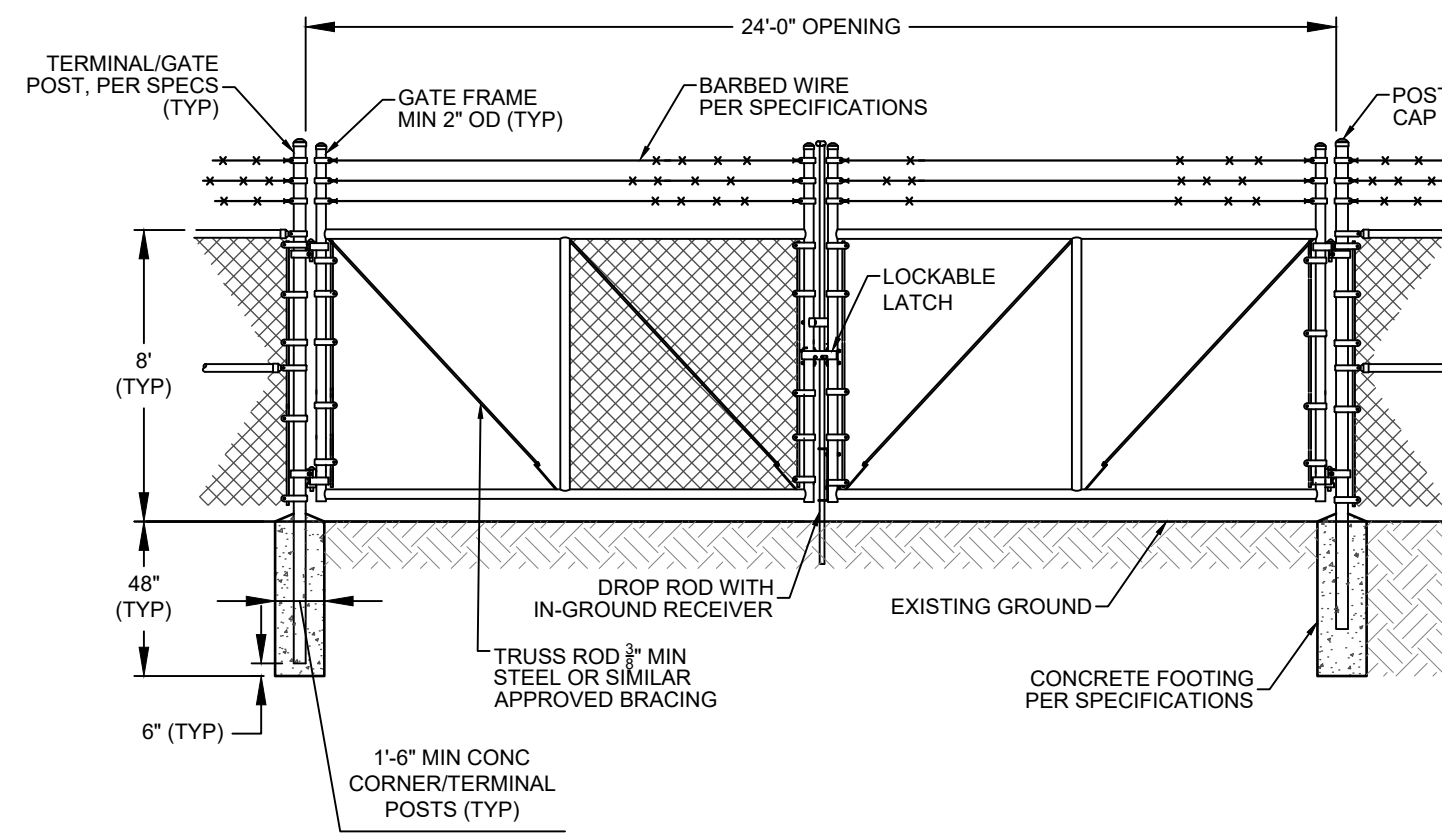
NOT FOR CONSTRUCTION

<p>Attention:</p> <p>If this scale bar does not measure 1" then drawing is not original scale.</p>	<p>Designed: FZW</p>	<p>GEI CONSULTANTS, INC. 8615 W. BRYAN MAWR AVE. SUITE 406 CHICAGO, IL 60631 (312)985-0365</p>	<p>5.0 MW AC GROUND MOUNTED SOLAR FARM</p> <p>ILSOLAR05 LLC HARTMANN FARM SOLAR 45W531 IC TRAIL MAPLE PARK, IL 60151</p>	<p>SHEET NAME</p> <p>SOLAR PANEL LAYOUT PLAN</p>	<p>DRAWING NO.</p> <p>C-6</p>					
	<p>Drawn: KJC</p>					<p>ILSOLAR05 LLC 330 W. GOETHE ST. CHICAGO, IL 60610</p>	<table border="1"> <tr> <td>0</td> <td>8/25/2023</td> <td>SPECIAL USE APPLICATION</td> <td>KAP</td> </tr> <tr> <td>NO</td> <td>DATE</td> <td>ISSUE/REVISION</td> <td>APP</td> </tr> </table>	0	8/25/2023	SPECIAL USE APPLICATION
0	8/25/2023	SPECIAL USE APPLICATION	KAP							
NO	DATE	ISSUE/REVISION	APP							
	<p>Checked: MFS</p>									
	<p>Approved: KAP</p>									
	<p>P.E. No: 062.072571</p>									
	<p>GEI Project 2303049</p>									



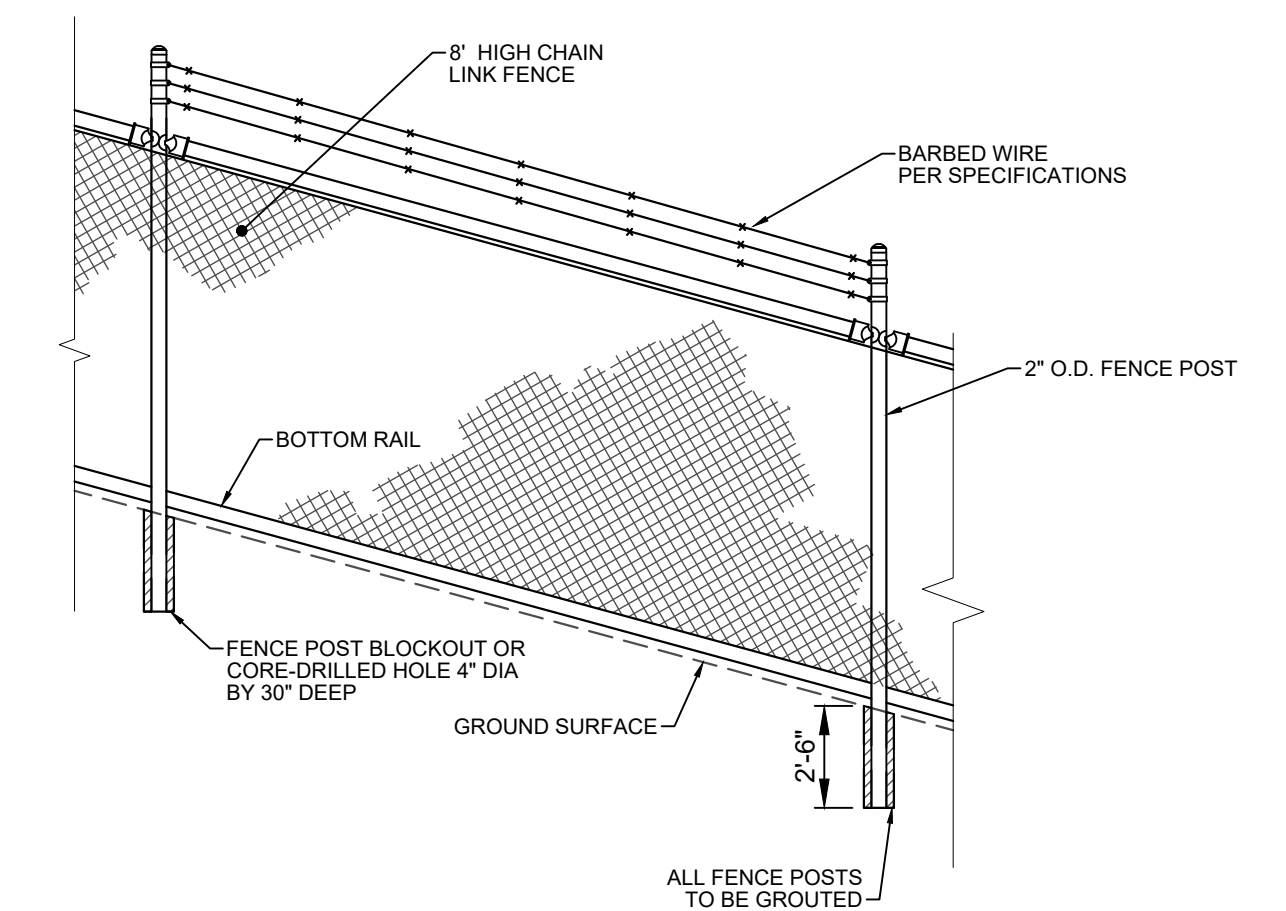
NOTE:
1. ELECTRICAL DESIGNER TO REVIEW SLAB ON-GRADE DESIGN FOR PAD-MOUNT EQUIPMENT AND UPDATE/REDESIGN AS NECESSARY TO SUPPORT THE APPLIED LOADS AND PROVIDE CONNECTION DETAILS BETWEEN THE EQUIPMENT AND FOUNDATIONS.

SLAB ON-GRADE EQUIPMENT PAD DETAIL
SCALE: NTS

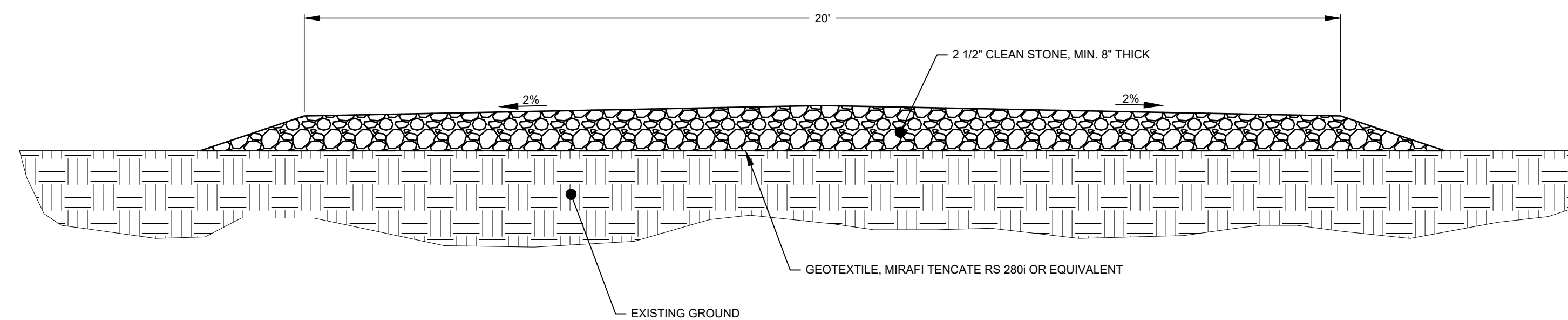


NOTE:
CHAIN LINK FENCE FABRIC FOR GATE: 9 GA. 2" MESH (TYP) TOP SELVAGE TWISTED, BOTTOM SELVAGE KNUCKLED

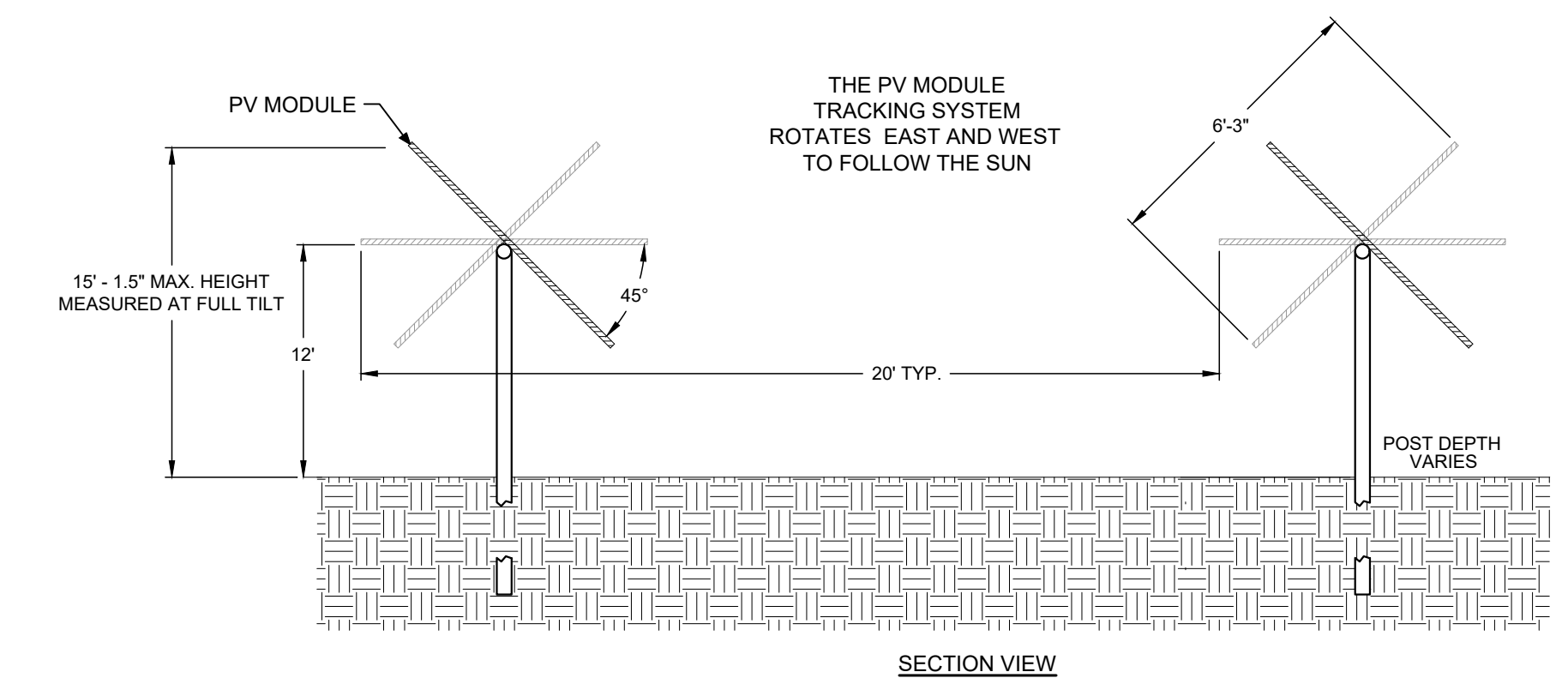
DOUBLE SWING GATE DETAIL
SCALE: NTS



CHAIN LINK FENCE DETAIL
SCALE: NTS



ACCESS/HAUL ROAD DETAIL
SCALE: NTS



TRACKER RACK DETAIL
SCALE: NTS

NOT FOR CONSTRUCTION

<p>Attention:</p> <p>If this scale bar does not measure 1" then drawing is not original scale.</p>	<p>Designed: FZW</p>	<p>GEI CONSULTANTS, INC. 8615 W. BRYAN MAWR AVE. SUITE 406 CHICAGO, IL 60631 (312)985-0365</p>	<p>ILSOLAR05 LLC 330 W. GOETHE ST. CHICAGO, IL 60610</p>	<p>5.0 MW AC GROUND MOUNTED SOLAR FARM</p> <p>ILSOLAR05 LLC HARTMANN FARM SOLAR 45W531 IC TRAIL MAPLE PARK, IL 60151</p>					<p>SHEET NAME</p> <p>TYPICAL DETAILS</p>	<p>DRAWING NO.</p> <p>C-7</p>
	<p>Drawn: KJC</p>									
	<p>Checked: MFS</p>									
	<p>Approved: KAP</p>									
	<p>P.E. No: 062.072571</p>									
<p>GEI Project 2303049</p>					0	8/25/2023	SPECIAL USE APPLICATION	KAP		
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