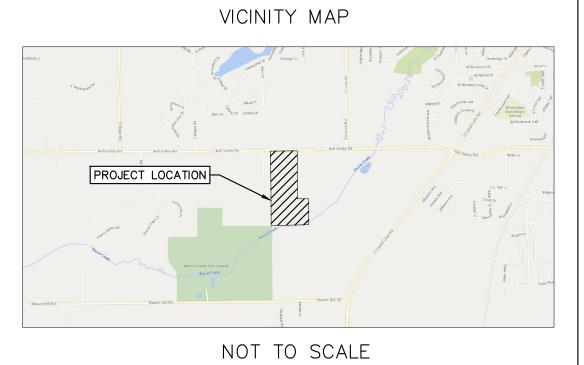
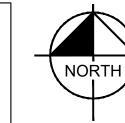
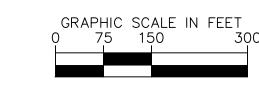
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LINE SETBACK







LEGEND PROJECT BOUNDARY (PER KMZ FILE, PROVIDED BY CULTIVATE ON 05/14/2025) ROAD CENTERLINE (TRACED PER AERIAL) **BULL VALLEY RD** ROAD LABEL PROPERTY LINE (PER MCHENRY COUNTY GIS 6/10/2025) PROPERTY LINE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE) RESIDENTIAL STRUCTURE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE) EX. RESIDENCE/STRUCTURE (TRACED PER AERIAL) EX. OVERHEAD ELECTRIC (TRACED PER AERIAL) \_\_\_\_ EX OHE \_\_\_\_ EX. UTILITY POLE (TRACED PER AERIAL) EX. VEGETATION AREA (TRACED PER AERIAL) EX. NWI WETLAND (DOWNLOADED PER NWI ON 06/11/2025) NWI WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE) \_ \_ \_ \_ \_ \_ \_ \_ EX. ADID WETLAND (DOWNLOADED PER MCHENRY COUNTY GIS ON 7/11/2025) ADID WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE) ----FEMA FLOOD ZONE (TRACED PER FEMA FIRM PANEL 17111C0205J, DATED 11/16/2006) FEMA FLOOD ZONE BUFFER (ASSUMED) EX. HISTORICAL FLOOD ZONES (TRACED PER MCHENRY COUNTY GIS) . . . . . . . . . . EX. CONTOURS EX. FLOW DIRECTION AND SLOPE EX. WELLS EX. HAZARDOUS WASTE PIPELINE EX. EASEMENT (ASSUMED) \_ \_ \_ \_ \_ \_ \_ PR. FENCE PR. PANEL LIMITS PR. OVERHEAD ELECTRIC PR. UNDERGROUND ELECTRIC PR. GRAVEL ACCESS ROAD PR. UTILITY POLE PR. EQUIPMENT PAD PR. SOLAR ARRAY PR. STAGING AREA PR. SUPPORTING FACILITIES - ENERGY STORAGE

## NOTES

THE PURPOSE OF THIS PLAN IS FOR SPECIAL USE PERMIT REVIEW AND APPROVAL BY MCHENRY COUNTY TO CONSTRUCT A SOLAR ENERGY SYSTEM.

PR. VEGETATIVE SCREENING

PR. TREE CLEARING

- 2. THIS PLAN WAS PRODUCED UTILIZING GIS RESOURCES AND INFORMATION FROM MULTIPLE SOURCES, INCLUDING MCHENRY COUNTY, GOOGLE EARTH, NATIONAL WETLAND MAPPING INVENTORY, AND USGS TOPOGRAPHIC INFORMATION.
- 3. SUBJECT PROPERTY DOES LIE WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP
- (COMMUNITY PANEL 17111C0205J) PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).
- 4. THE LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: ACCESS ROAD, FENCING, SOLAR ARRAY RACKING, INVERTER/TRANSFORMER PADS, OVERHEAD POLES AND LINES, ETC., SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS, AND/OR OTHER CONSTRAINTS DURING FINAL ENGINEERING.
- 5. STORMWATER MANAGEMENT FACILITIES TO BE PROVIDED AS REQUIRED BY COUNTY AND/OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTING. REQUIREMENTS TO BE DETERMINED DURING FINAL ENGINEERING.
- 6. A SOIL EROSION AND SEDIMENT CONTROL PLAN THAT MEETS THE NPDES STANDARDS WILL BE PROVIDED TO THE
- COUNTY DURING FINAL ENGINEERING. 7. SETBACKS SHOWN ON THIS PLAN ARE BASED ON MCHENRY COUNTY ZONING ORDINANCE.
- 8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC.
  THESE DEVICES SHALL REMAIN IN PLACE UNTIL TRAFFIC MAY PROCEED NORMALLY AGAIN.
- 9. PANELS SHALL NOT EXCEED 20 FEET IN HEIGHT WHEN ORIENTED AT MAXIMUM TILT.
- 10. THE FACILITY WILL BE PLANTED WITH LOW-PROFILE NATIVE PRAIRIE SPECIES, USING A MIX APPROPRIATE FOR THE REGION AND SOIL CONDITIONS PER ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR) STANDARDS.

SITE	DATA	TABL	Ε

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I #'S	14-05-400-006 & 14-05-400-004	
OPERTY OWNER	SINCERE, EDWARD A PAUL & WDSTK HARRIS BK 5602	
E ADRESS	6415 & 6517 BULL VALLEY RD, MCHENRY, IL, 60050	
NING JURISDICTION	MCHENRY, IL	
RRENT LAND USE	AGRICULTURAL	
OPOSED USE	SOLAR ENERGY SYSTEM	
OJECT BOUNDARY AREA	63.2 ± AC	
EA WITHIN FENCE	33.1 ± AC	
ELIMINARY SOLAR AREA	26.6 ± AC	
. TREE CLEARING AREA	1.8 ± AC	
OPERTY LINE/RIGHT WAY SETBACK	50 FT	
CUPIED DWELLING TBACK	150 FT	
/DC/MWAC	7.5/5.0	
TIMATED NUMBER MODULES	12400	
OUNDCOVER RATIO (GCR)	31%	

:ULTIVAT POWER

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SHEET NUMBER EX-1