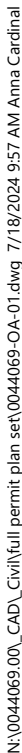


Appendix C

Detailed Preliminary Site Plan

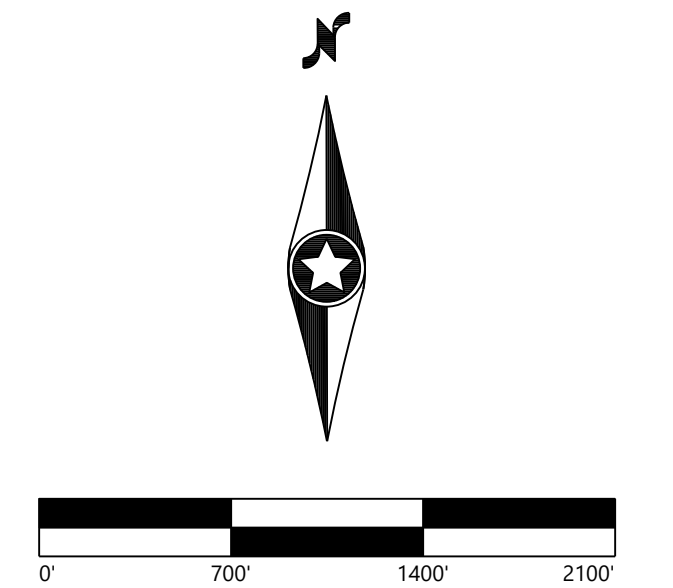


	PROJECT BOUNDARY
	EX. 5' INDEX CONTOUR
	EX. 1' INTERVAL CONTOUR
	RIGHT-OF-WAY LINES
	EASEMENT LINES
	EX. TREELINE
	EX. OVERHEAD POWER
	EX. COUNTY DRAIN TILE
	EX. DRAIN TILE
	EX. ROAD CENTERLINE
	EX. DELINEATED WETLAND
	EX. NWI WETLAND
	EX. NHD FLOW LINE
	EX. BIODIVERSITY AVOIDANCE AREA
	EX. ARCHAEOLOGICAL ZONE
	EX. CONSERVATION AREA
	EX. STRUCTURE
	RESIDENTIAL DWELLING BUFFER
	PROPOSED SOLAR ARRAY
	PROPOSED ACCESS ROAD
	PROPOSED SECURITY FENCE
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED BASIN LOCATION (SEE NOTE 3)
	FEMA FLOOD ZONE
	PROPOSED BESS
	PROPOSED SWITCHYARD
	PROPOSED SUBSTATION
	PROPOSED O&M
	PROPOSED LAYDOWN AREAS

- NOTES:
1. COORDINATE SYSTEM IS NSRS 2011 MINNESOTA STATE PLANES, SOUTH ZONE, US FOOT.

SETBACKS TO FENCE	
Property Boundary	50'
Wetland	200'
US/State Highway Centerline	130'
County Road Centerline	100'
Existing Transmission Centerline	65'
Existing Easements	65'
Existing Residential Units	200'
County Draitiles	100'
LAYOUT DETAILS	
Distance from Fence to Equipment	25'
Main Access Road Width	24'
Internal/Spur Access Road Width	20'
GCR	32%

Project Information		
Module Type	Solar Hyperion HY-DH144N8	
Inverter	Power Electronics FS4200M	
Tracker	ATI DuraTrack HZ v3	
3 String Racks	4278	EA
2 String Racks	358	EA
Modules/String	26	EA
Inverter Count	43	EA
Module Wattage	570	W
Inverter @ 40d C	4.20	MVA
Inverter @ 50d C	3.90	MVA
Total DC (String Based)	200.81	MWdc
Total AC (INV @ 50d C)	167.70	MWac
Interconnection Limit	150.00	MWac
DC:AC Inverters	1.20	-
DC:AC POI	1.34	-
Access Road	62,449	LF
Basins	15	EA
Fence	85,110	LF



Faribault County, Minnesota

Overall Layout

NOT FOR CONSTRUCTION

DATE: 07/18/2024

SHEET: C100 A