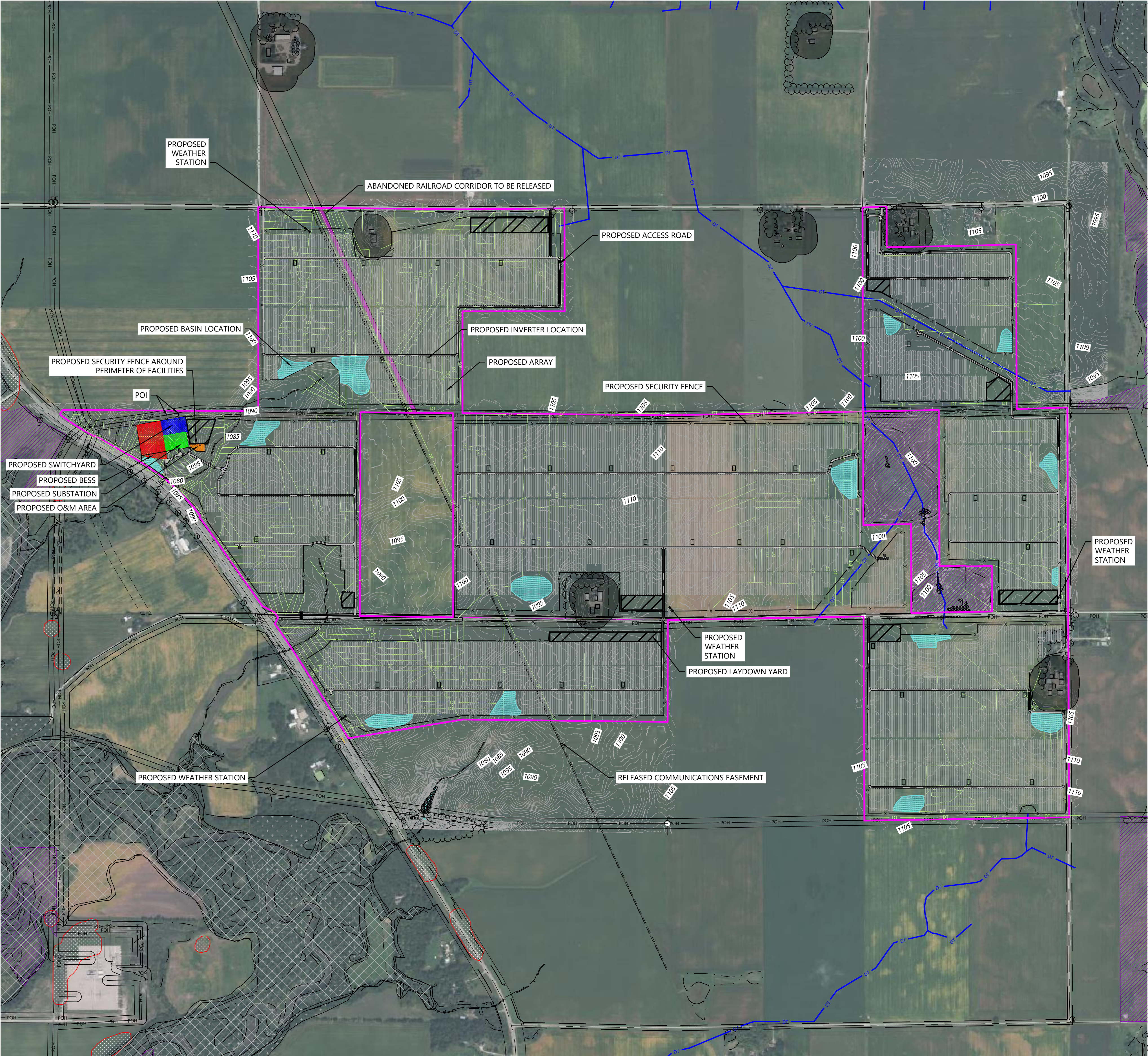


Appendix C

Detailed Preliminary Site Plan

\\01044503.00_CAD\\CAD\\permits\\plan\\set\\04\\0625_CA-01.dwg 27/10/2024 5:57 AM Anne Carlsfeld



LEGEND:

- 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:

- 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 Draintiles	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

Westwood

Phone (608) 821-6600 8401 Greenway Blvd., Suite 400
Middleton, WI 53562
westwoodps.com

Westwood Professional Services, Inc.

PREPARED FOR:

PRIMERGY

1901 Harrison Street, Suite 1600
Oakland, CA 94612

REVISIONS:

#	DATE	COMMENT
A	07/18/2024	ISSUED FOR PERMIT

Northern Crescent Solar

Faribault County, Minnesota

Overall Layout

NOT FOR CONSTRUCTION

DATE: 07/18/2024 REV: A

SHEET: C100