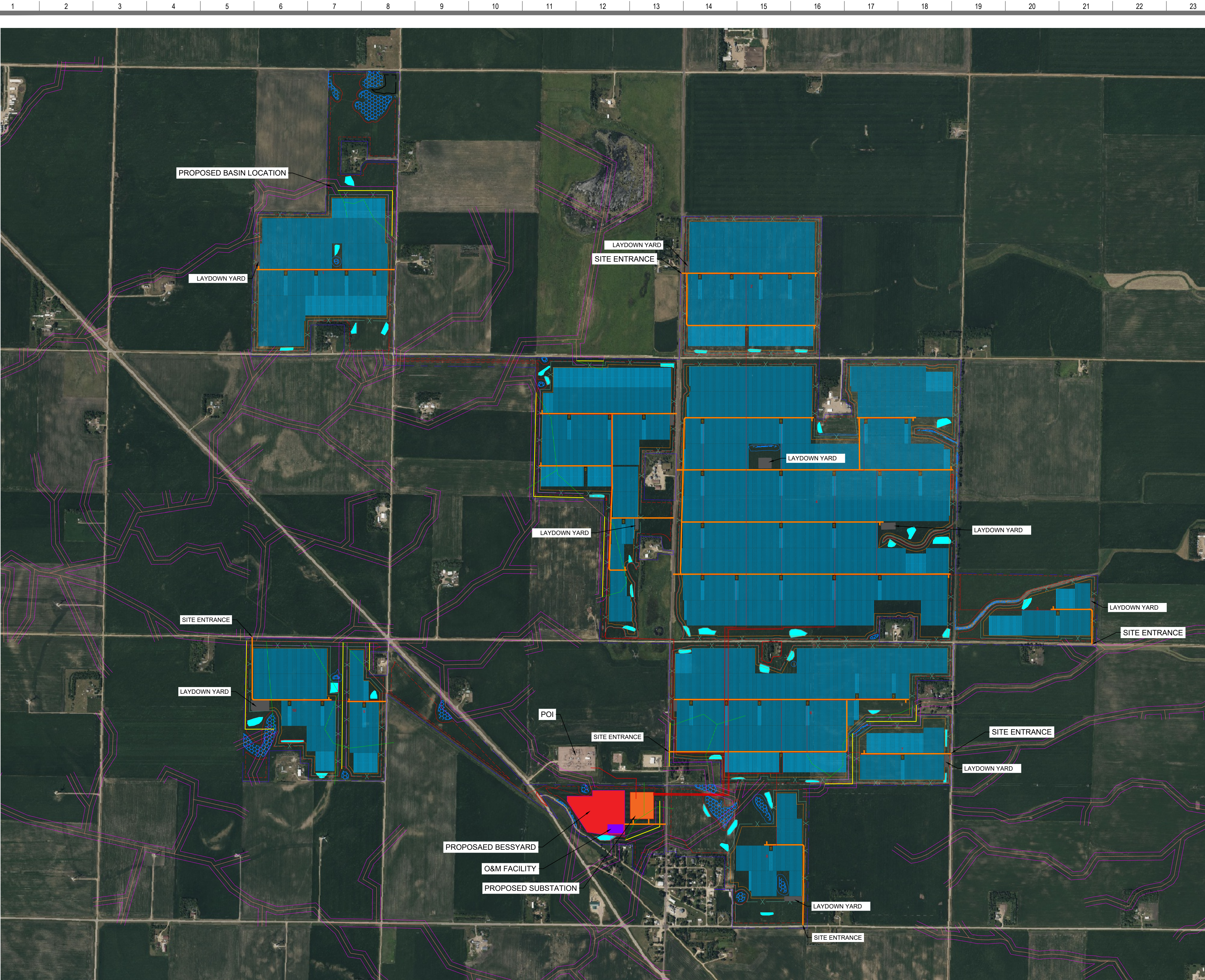


Appendix C

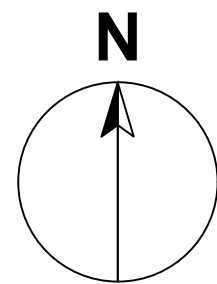
Site Plan

C:\BROOKSHIRE\ENERGY - NATIONAL GRID\RENEWABLES\SUMMIT LAKE\2025-01-30\REV 0205-0205 SUMMIT LAKE LAYOUT REV 01.DWG 25/02/2025 1:14:59 PM



A1 OVERALL SITE PLAN

1" = 1000'



- List of XREF Files -
- 1. Drain tile kmz
 - 2. Contrain file.shp
 - 3. Survey file.dwg
 - 4. T- Line conceptual layout.dwg

NOTES

1. LAYOUT IS PRELIMINARY AND
SUBJECT TO CHANGE.

LEGEND

- PROJECT BOUNDARY
- PROPOSED GEN-TIE LINE
- WEATLAND
- EASEMENT LINE
- SECURITY FENCE
- WATER WET LINE
- PROPOSED BASIN LOCATION
- INVERTER EQUIPMENT
- PV AREA
- ACCESS ROAD
- MV COLLECTION
- EXISTING DRAIN TILES
- PROPOSED DRAIN TILES
- PROPOSED REMOVAL OF DRAIN TILE
- 75 FEET DRAIN TILES SETBACK
- SOLAR ARRAY COLLECTION
- PROPOSED LAYDOWN YARD

System Specifications

DC System Size (MW)	260
AC System Size (MVA) @ Inverter	221.76
AC System Size (MVA) @ Inverter (.95 PF)	210.7
AC System Size (MW) @ POI	200.0
Module Model	FIRST SOLAR SERIES 7
Module Rating (W)	535
String Length	6
String Quantity	81,726
(18 String Rack Qty)	3,943
(14 String Rack Qty)	768
Module Quantity	490,356
Inverter Model	TMEIC 840X6
Inverter Rating (MVA)	5.04
Inverter Quantity	44
GCR	32%
Pitch (ft.)	23.5'
DC/AC Ratio @ Inv.	1.17
DC/AC Ratio @ Inv. (.95 PF)	1.23
DC/AC Ratio @ POI	1.30
Racking Type	Single-Axis Tracker
Racking Configuration	Nextracker 1IP
Road Gap Spacing	40'
Approximate Fence Area	1675.5 Acres
Approximate Fence Length	112,870 LF
Approximate Access Road Length	88,520 LF
Approximate Substation	5.0 Acres
Approximate Future BESS Area	15.0 Acres

C3	Initila Concept Layout	02/05/2025	K.S.
C2	Initila Concept Layout	02/03/2025	K.S.
C1	Initila Concept Layout	01/31/2025	K.S.
C	Initila Concept Layout	01/30/2025	K.S.
B	T-Line update	12/10/2024	...
A	Initila Concept Layout	11/01/2024	...
REV NO.	REMARKS	DATE	BY



SUMMIT LAKE SOLAR
NOBLES COUNTY, MN

OVERALL SITE PLAN

DESIGNED BY K.S.	LEAD ENG D.C.	DRAWING NUMBER
DRAWN BY K.S.	CHECKED BY V.S.	C001