

SEE SHEET C.406

SEE SHEET C.408

SEE SHEET C.410

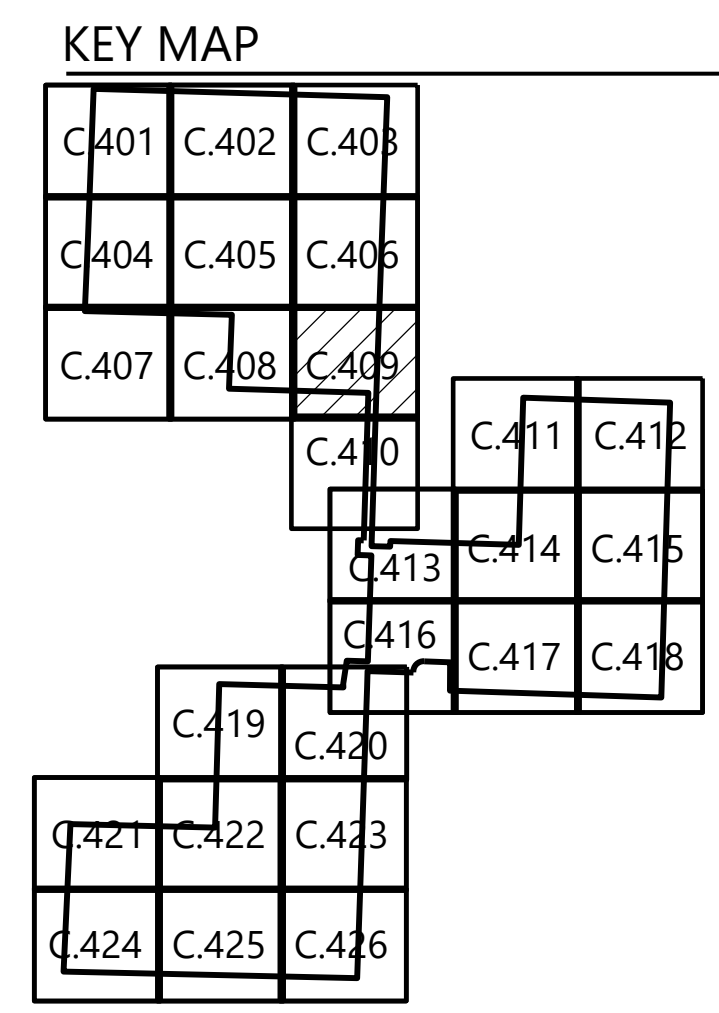


LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

- NOTES:
1. HORIZONTAL PROJECT COORDINATE SYSTEM IS NAD83 (2011) MINNESOTA STATE PLANES, SOUTH ZONE, US FOOT.
 2. SEE C.600 - C.602 DRAWINGS FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
 3. SEE GRADING AND DRAINAGE SHEETS C.500 - C.525 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
 4. PROPOSED SUBSTATION LOCATION IS PRELIMINARY. FINAL LOCATION TO BE CONFIRMED WITH FURTHER DESIGN.

Project Setbacks/Restrictions	
Item	Required
FRONT YARD	25' FROM ROAD RIGHT OF WAY
SIDE YARD	25' FROM PROPERTY LINE
REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)



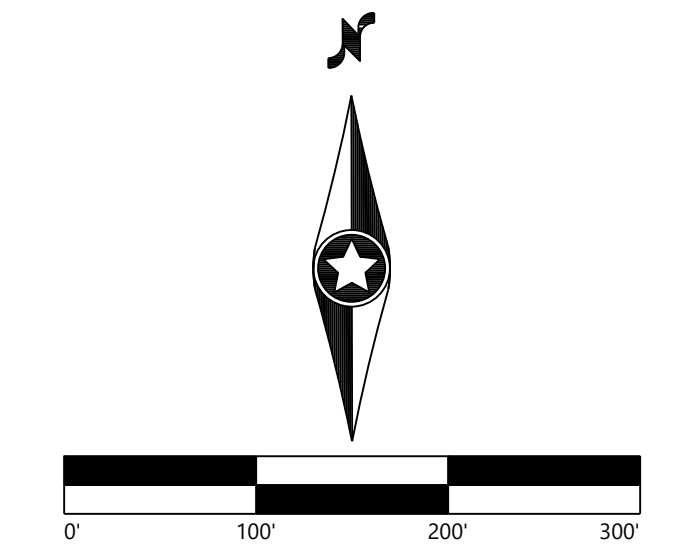
Westwood
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 TollFree (888) 937-5150 westwoodps.com
 Westwood Professional Services, Inc.

PREPARED FOR:

8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

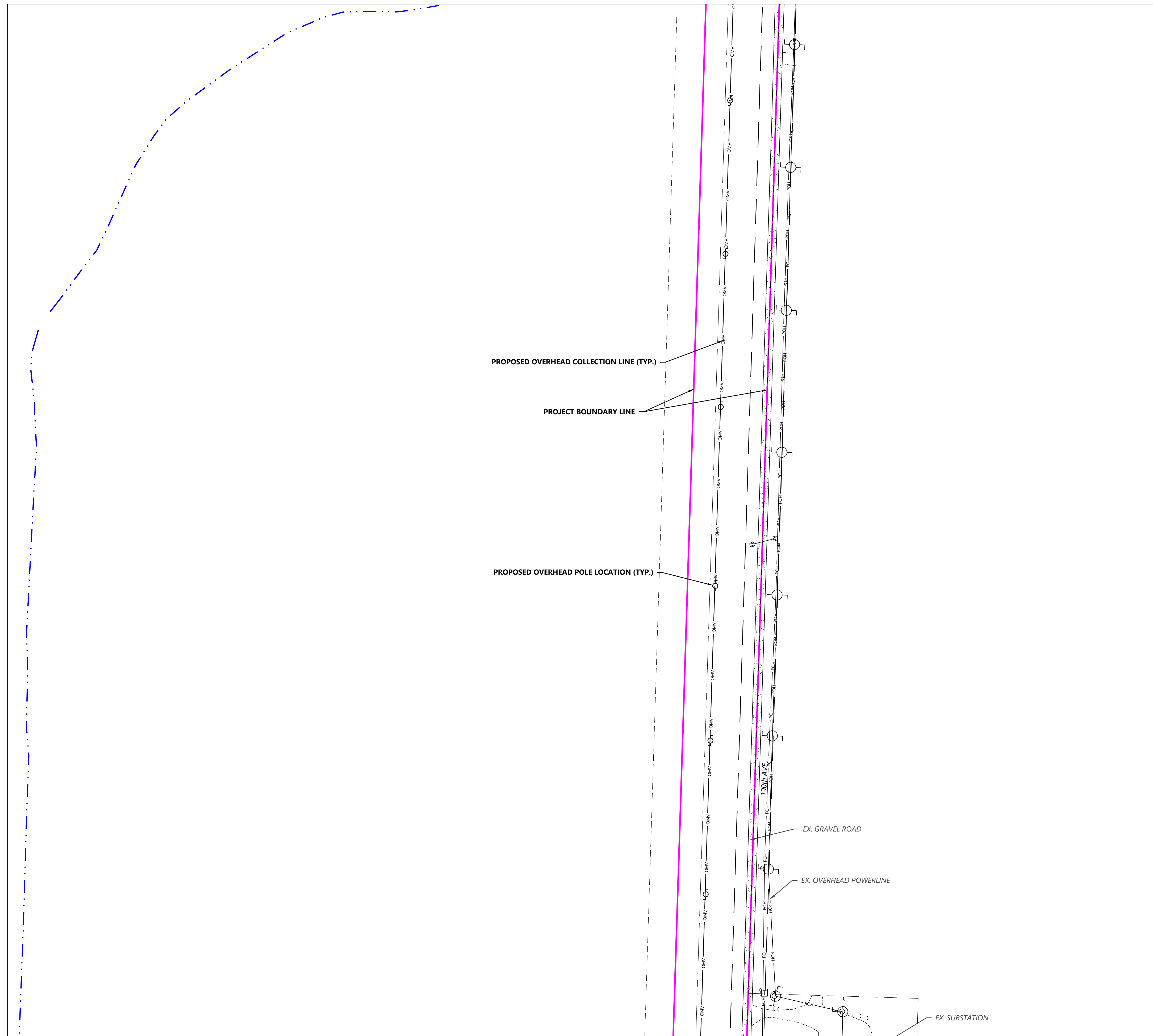
Site Plan - 9

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DATE: 05/01/2023 REV:
 SHEET: C.409 A

20230501 10:00 AM C:\Users\jgibson\OneDrive\Documents\ElkCreekSolar\Drawings\SitePlan\SP-09.dwg 5/1/2023 9:57 AM jgibson

SEE SHEET C.409



SEE SHEET C.413

LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

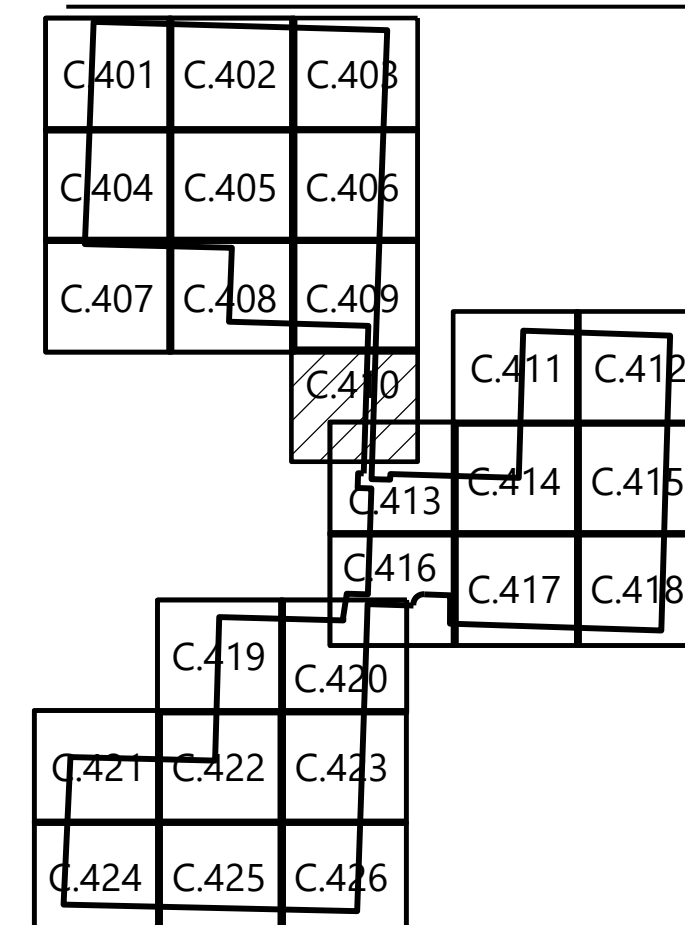
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KEY MAP



Westwood

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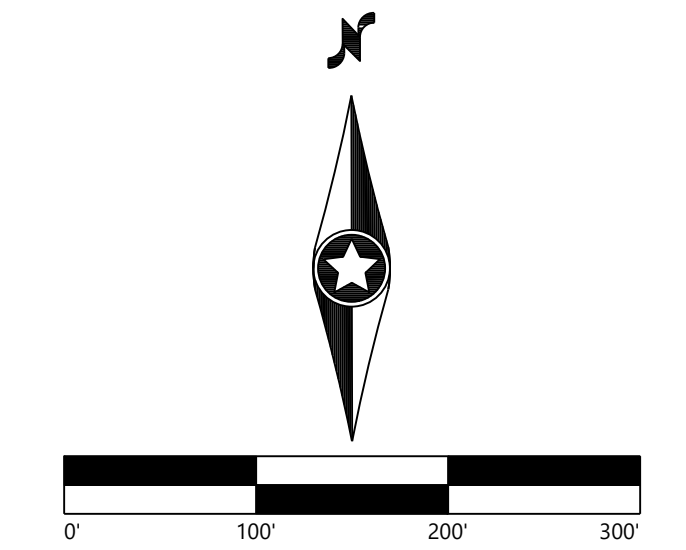
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Elk Creek Solar Project
 Rock County, MN

Site Plan - 10

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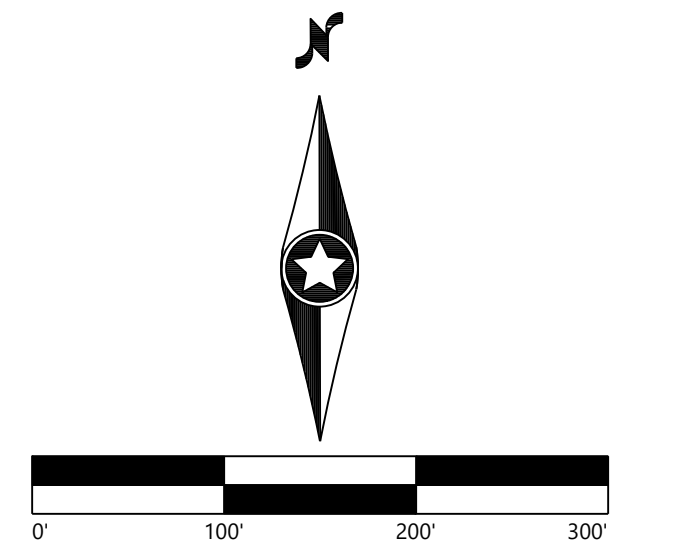
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SHEET: C.410 A

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REVISIONS:

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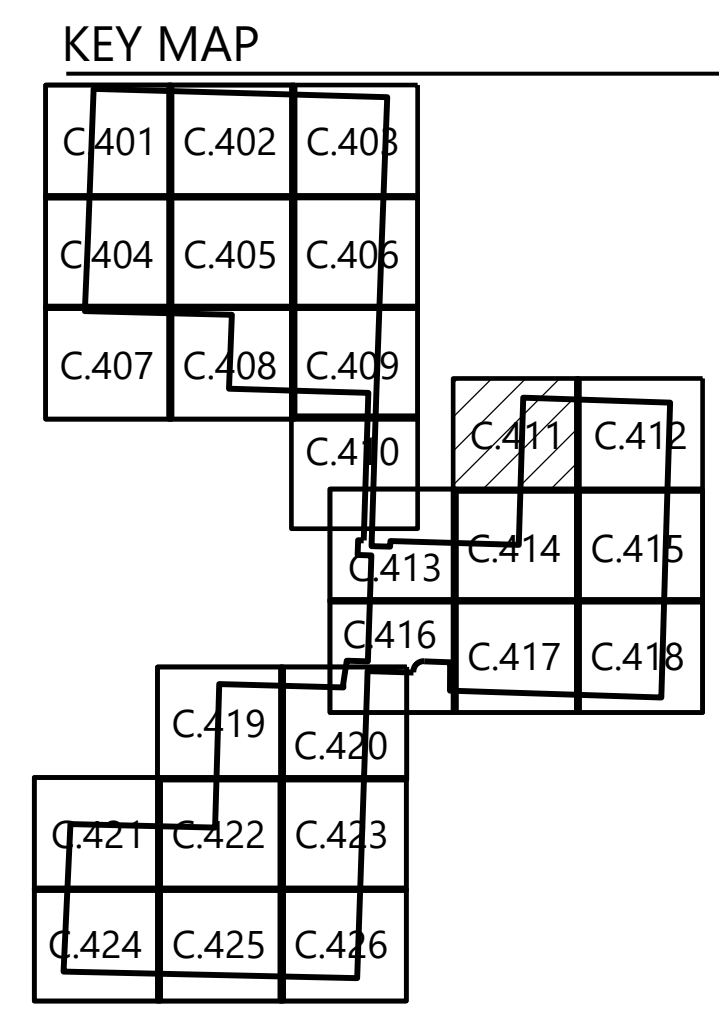


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 - EX. SECTION LINE
 - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - EX. OVERHEAD POWER
 - EX. UNDERGROUND COLLECTION
 - EX. FIBER OPTIC
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. STREAM CHANNEL
 - EX. WETLAND
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. SIGN
 - EX. TELEPHONE PEDESTAL
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
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 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
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SEE SHEET C.412

SEE SHEET C.414

Elk Creek Solar Project
 Rock County, MN

Site Plan - 11

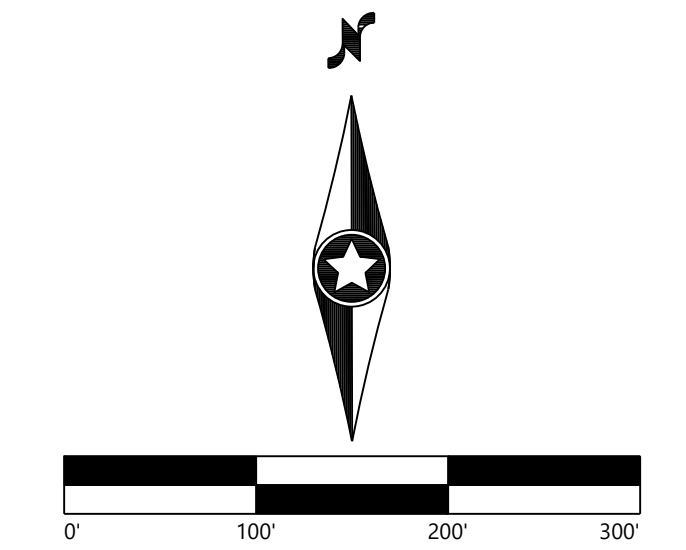
NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.411 A

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



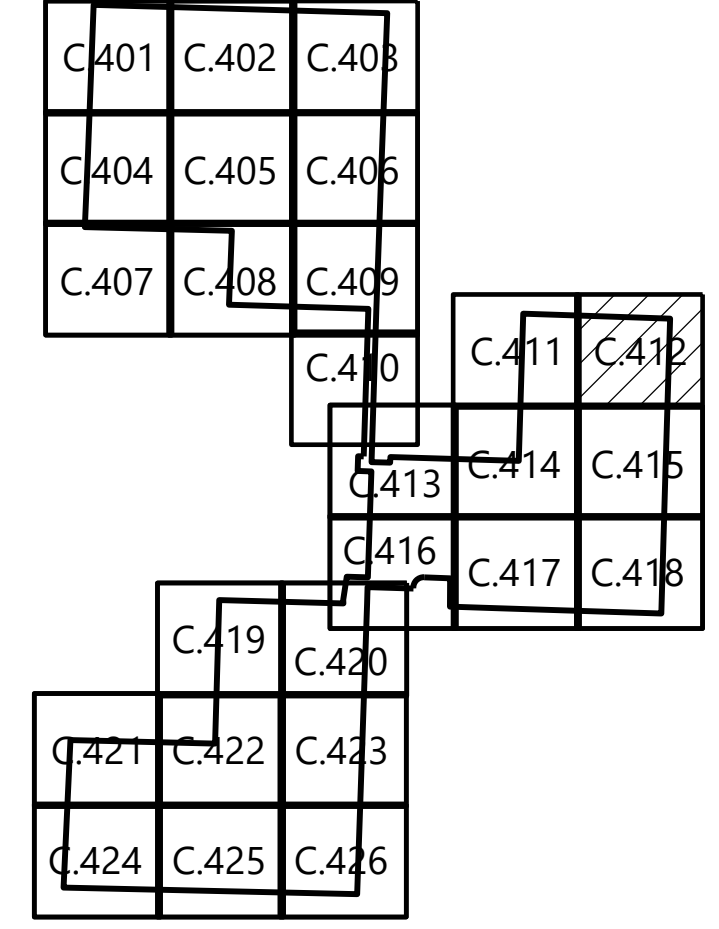
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
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SIDE YARD	25' FROM PROPERTY LINE
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PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

KEY MAP

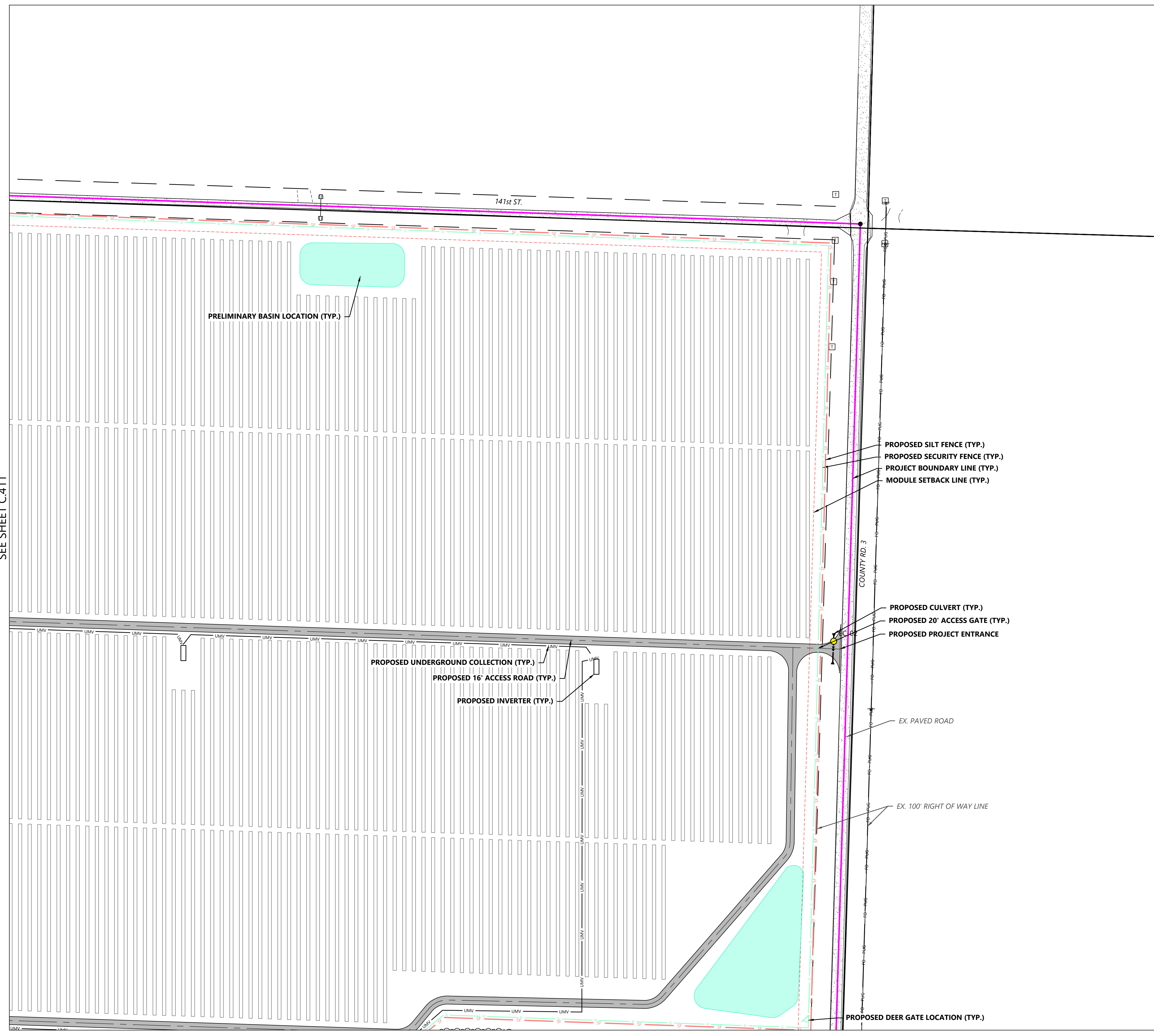


Elk Creek Solar Project
 Rock County, MN

Site Plan - 12

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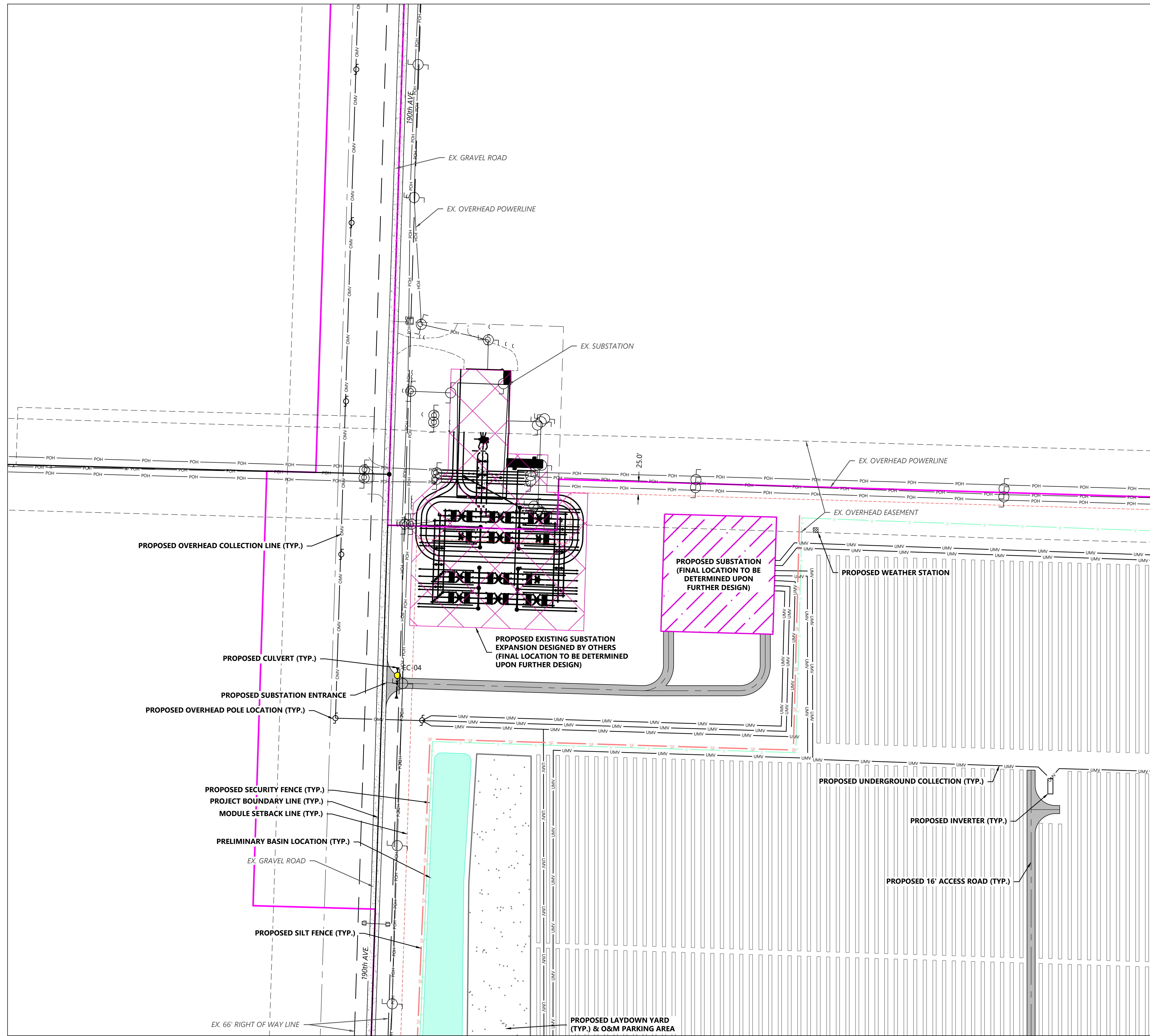
DATE: 05/01/2023 REV:
 SHEET: C.412 A



SEE SHEET C.411

SEE SHEET C.415

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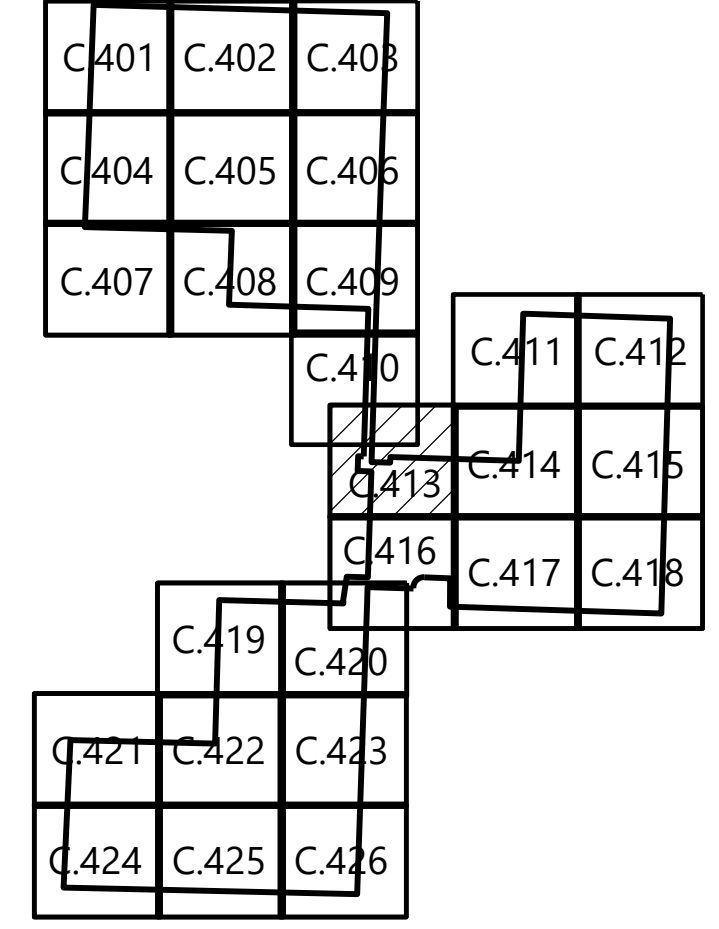
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
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- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED UNDERGROUND COLLECTION
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- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
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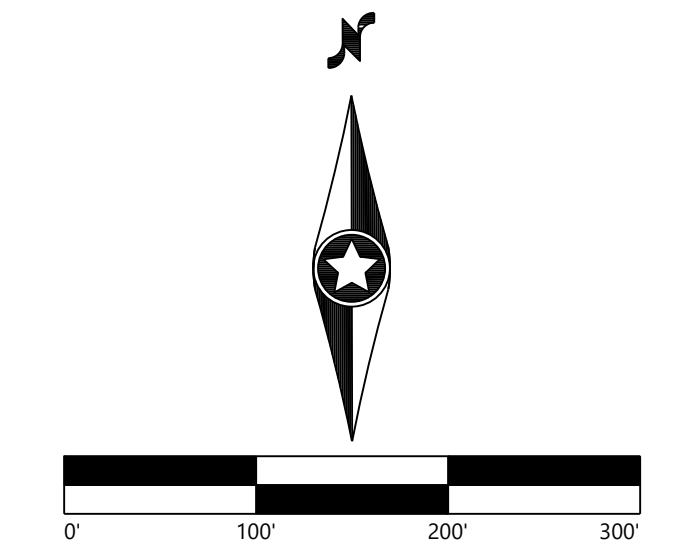
Project Setbacks/Restrictions	
Item	Required
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DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

KEY MAP



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A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

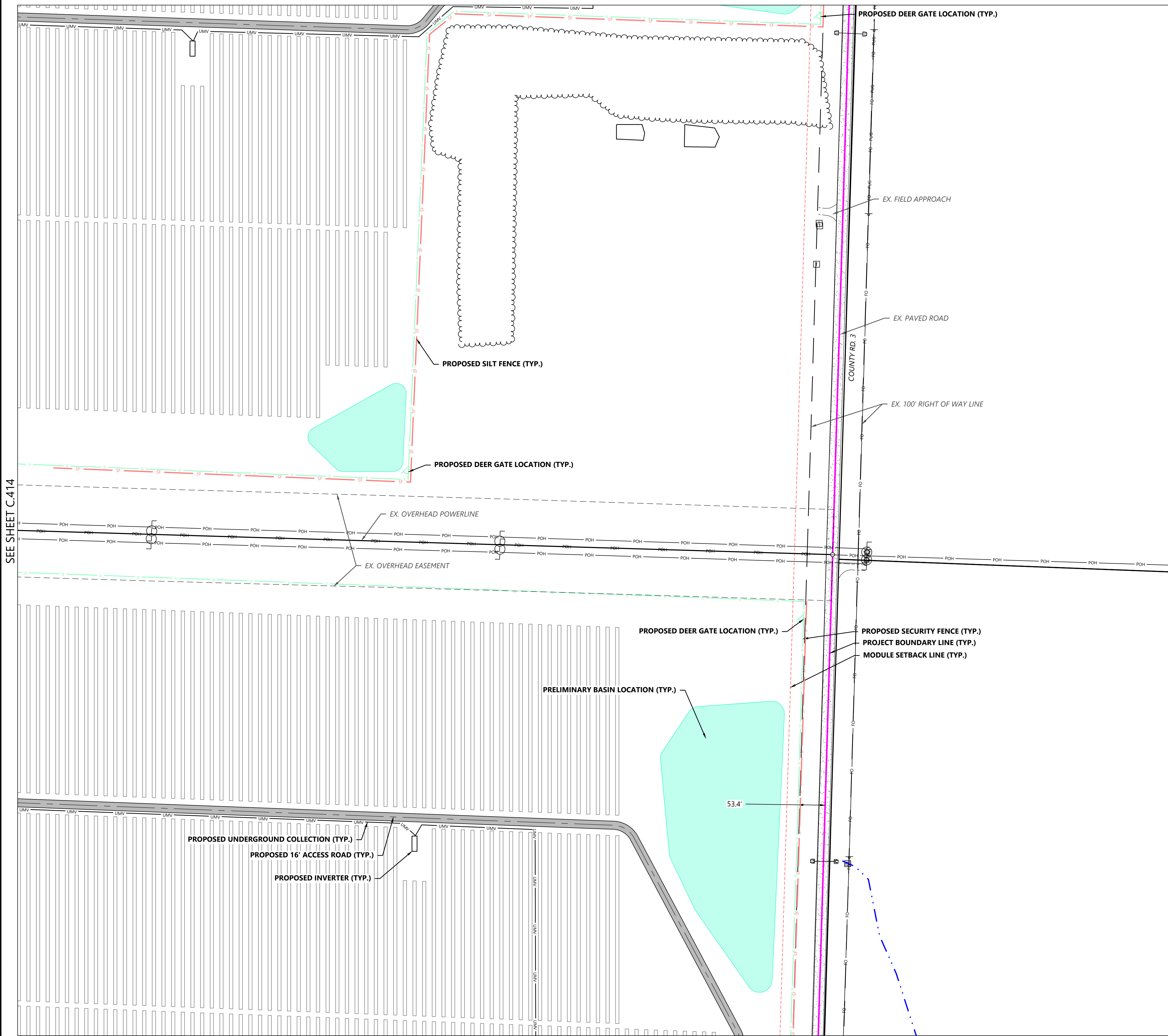
Site Plan - 13

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.413 A

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SEE SHEET C.412



SEE SHEET C.414

SEE SHEET C.418

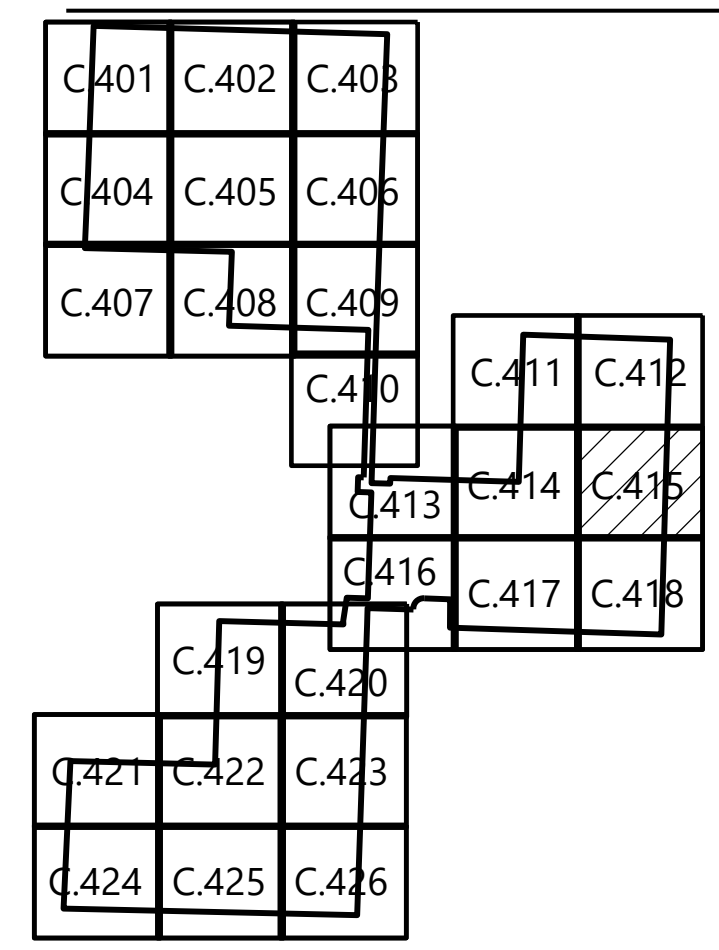
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
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- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
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- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
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- PROPOSED WETLAND SETBACK
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- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
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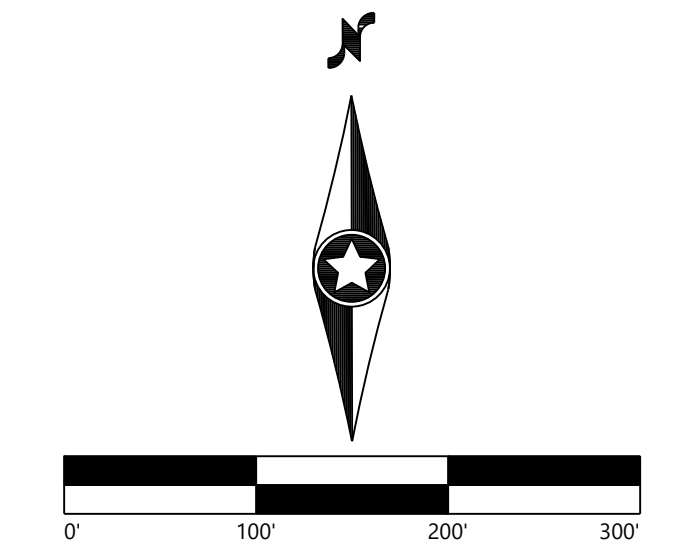
Project Setbacks/Restrictions	
Item	Required
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KEY MAP



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Elk Creek Solar Project
 Rock County, MN

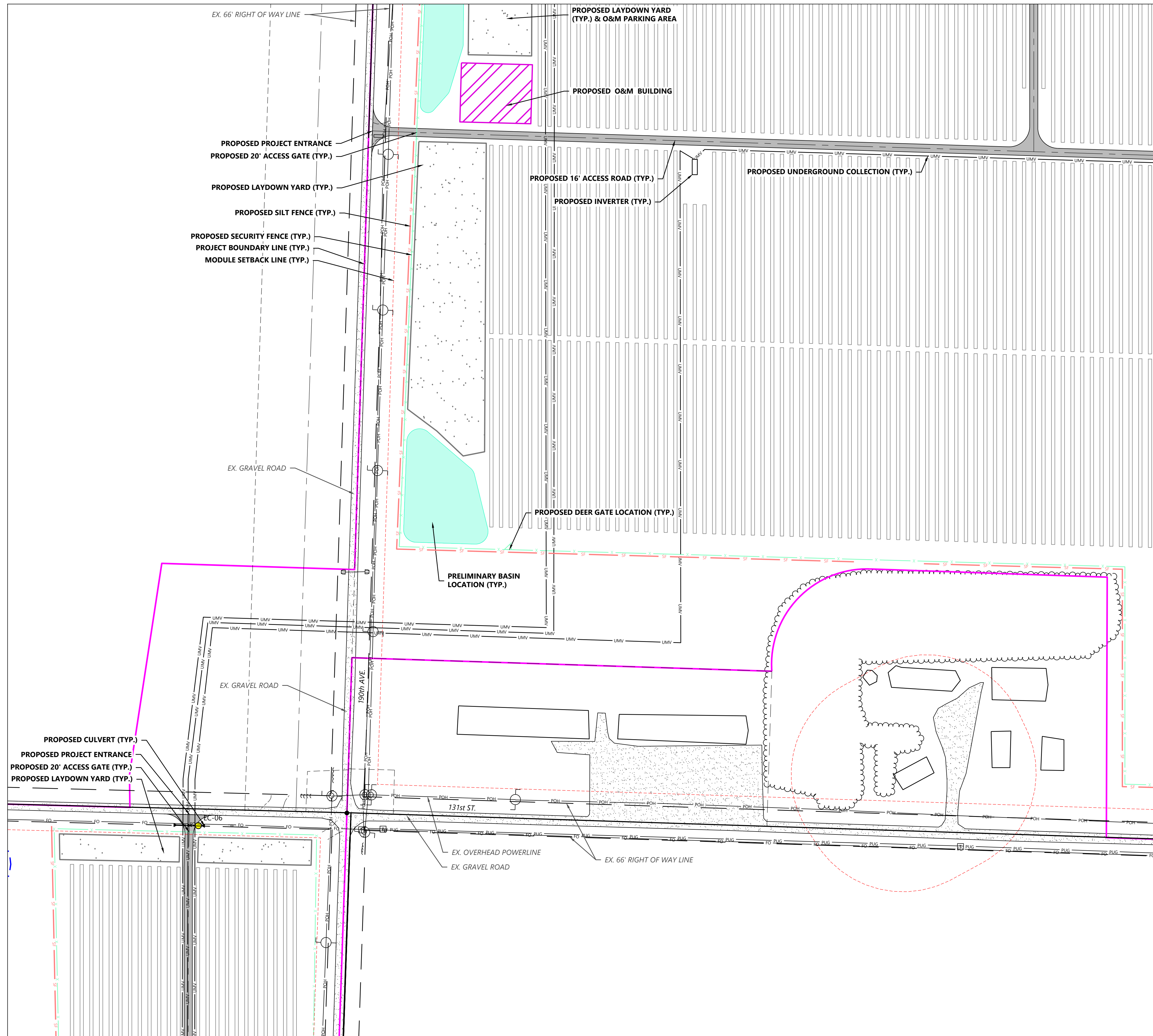
Site Plan - 15

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.415 A

20230501 10:00 AM C:\Users\jgibson\OneDrive\Documents\Elk Creek Solar\Elk Creek Solar - 5/1/2023 9:39 AM Westwood

SEE SHEET C.413



SEE SHEET C.420

LEGEND:

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- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
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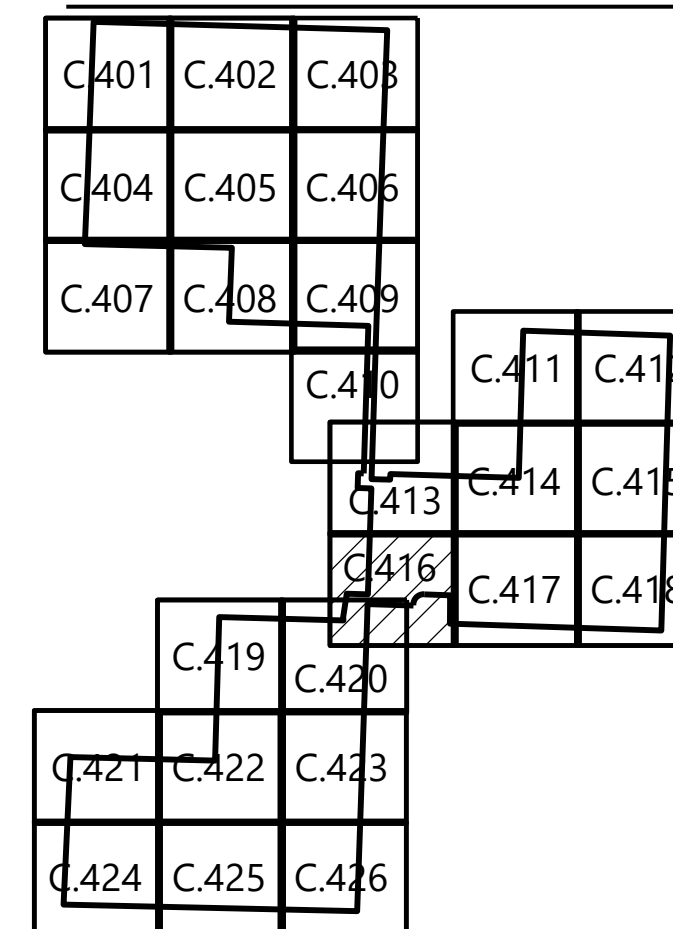
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KEY MAP



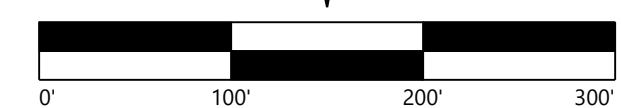
PREPARED FOR:



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Elk Creek Solar Project

Rock County, MN

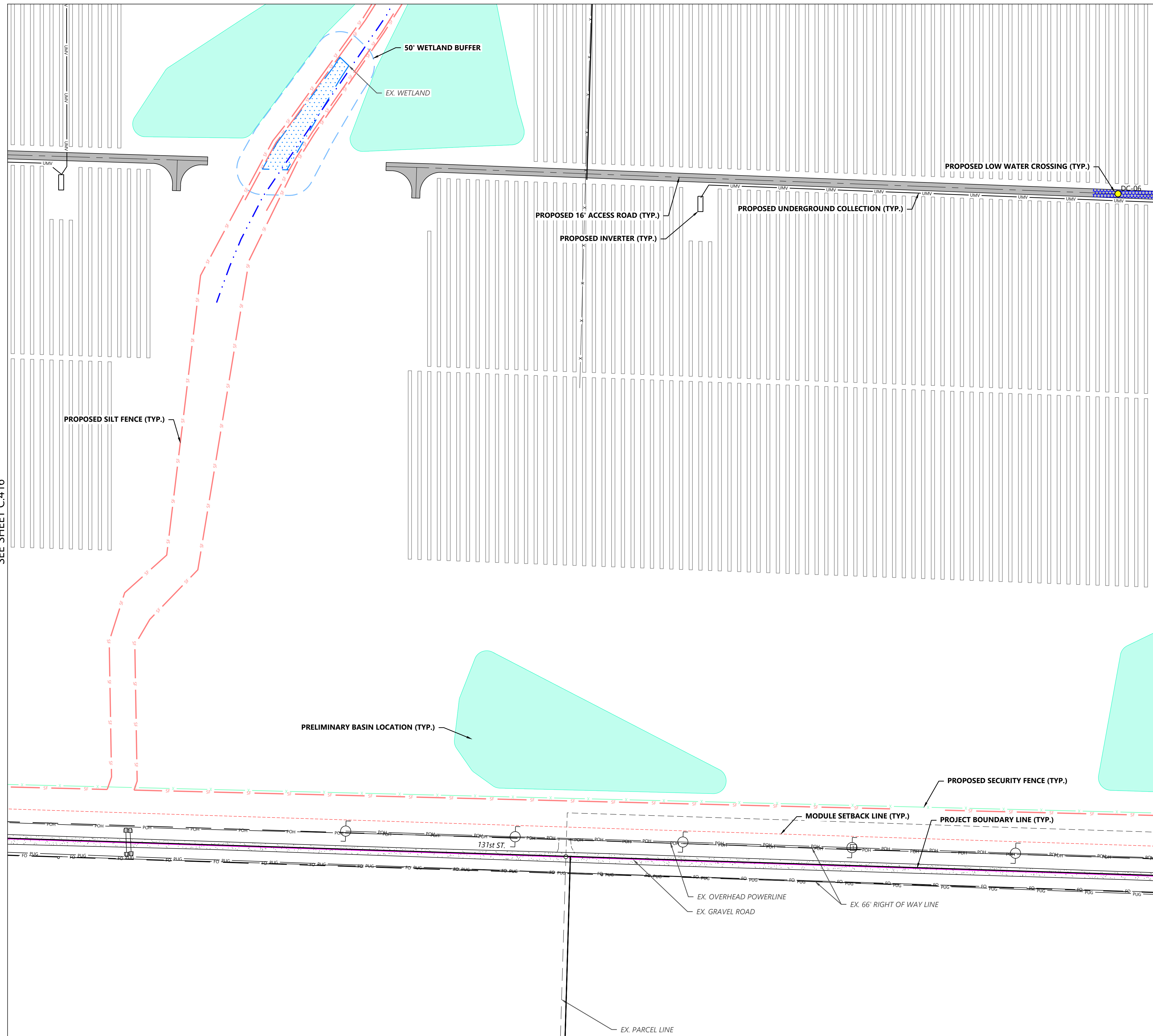
Site Plan - 16

NOT FOR CONSTRUCTION

DATE: 05/01/2023

SHEET: C.416 A

SEE SHEET C.414



LEGEND:

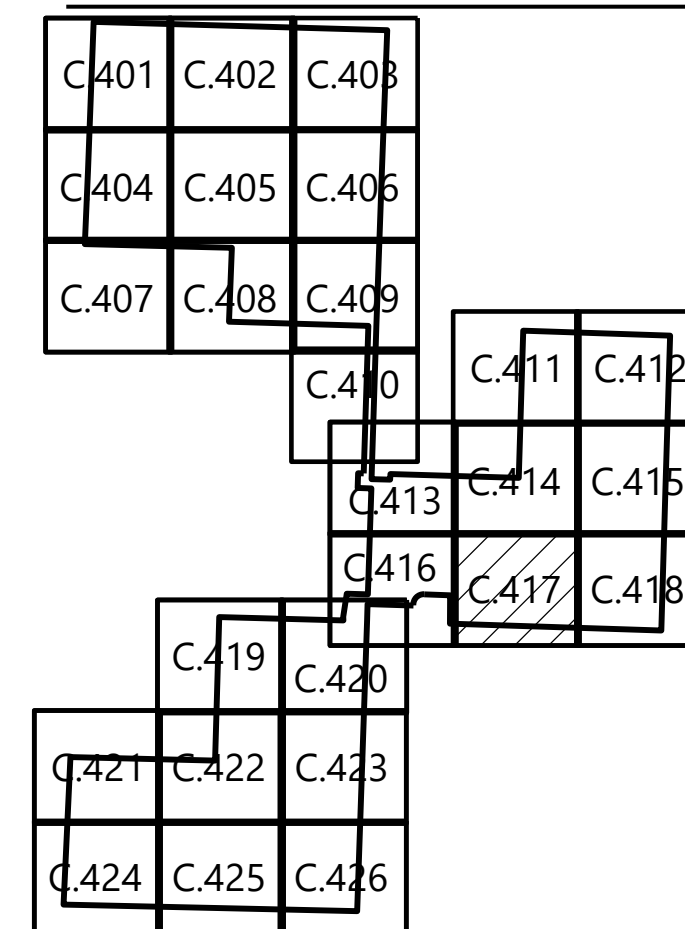
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KEY MAP



Westwood

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 Fax (952) 937-5822 Minnetonka, MN 55343
 TollFree (888) 937-5150 westwoodps.com
 Westwood Professional Services, Inc.

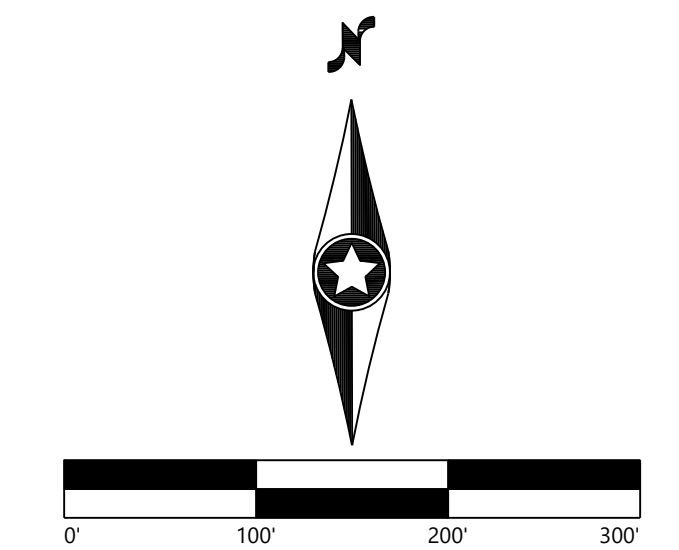
PREPARED FOR:



8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project

Rock County, MN

Site Plan - 17

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:

SHEET: C.417 A

SEE SHEET C.416

SEE SHEET C.418

2:00 PM 5/1/2023 10:00 AM C:\Users\jcm\OneDrive\Documents\Elk Creek Solar\17_Site Plan - 17.dwg 5/1/2023 3:20:10 AM MB

SEE SHEET C.415

SEE SHEET C.417



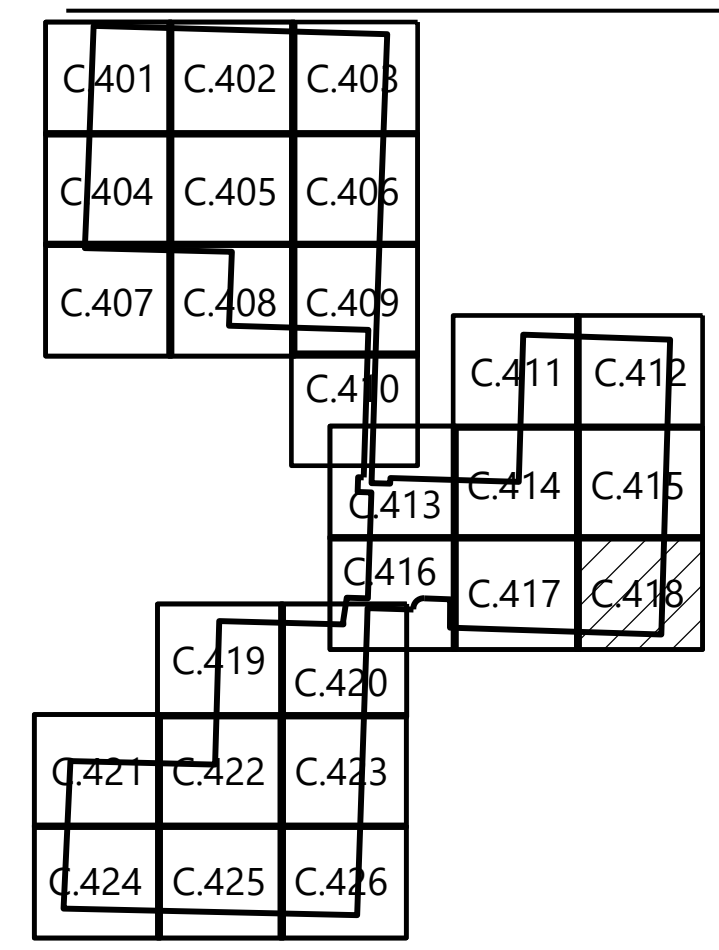
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

- NOTES:
1. HORIZONTAL PROJECT COORDINATE SYSTEM IS NAD83 (2011) MINNESOTA STATE PLANES, SOUTH ZONE, US FOOT.
 2. SEE C.600 - C.602 DRAWINGS FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
 3. SEE GRADING AND DRAINAGE SHEETS C.500 - C.525 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
 4. PROPOSED SUBSTATION LOCATION IS PRELIMINARY. FINAL LOCATION TO BE CONFIRMED WITH FURTHER DESIGN.

Project Setbacks/Restrictions	
Item	Required
FRONT YARD	25' FROM ROAD RIGHT OF WAY
SIDE YARD	25' FROM PROPERTY LINE
REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

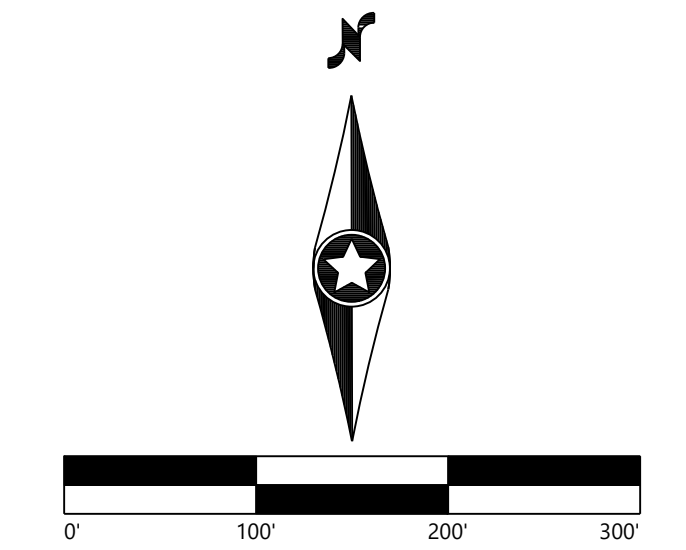
KEY MAP



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 Bloomington, MN 55347

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#	DATE	COMMENT	BY	CHK	APR
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Elk Creek Solar Project
 Rock County, MN

Site Plan - 18

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.418 A

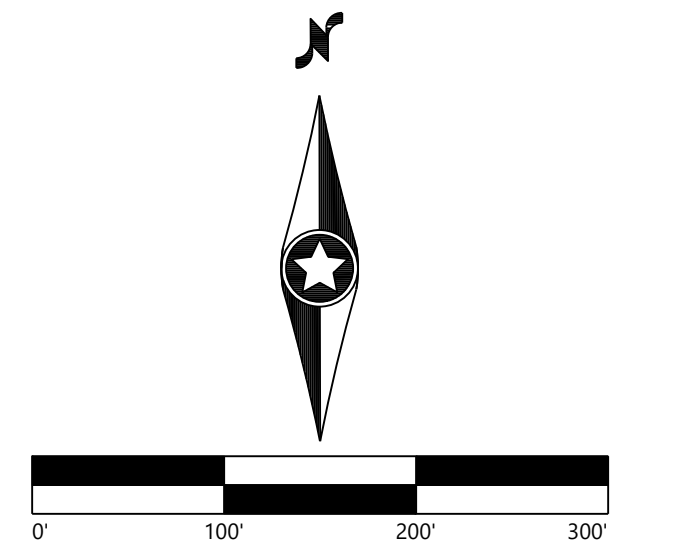
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 Bloomington, MN 55347

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A	05/01/2023	Permit Plans	MB	BV	KA

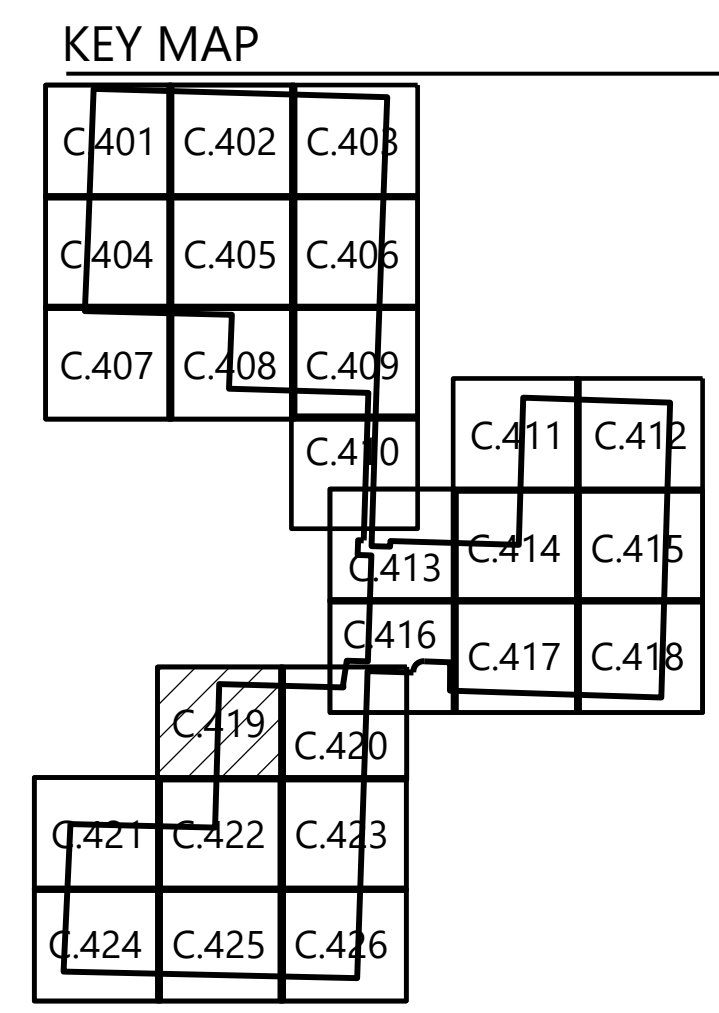


- LEGEND:**
- PROJECT BOUNDARY
 - EX. EASEMENT LINE
 - EX. SECTION LINE
 - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - EX. OVERHEAD POWER
 - EX. UNDERGROUND COLLECTION
 - EX. FIBER OPTIC
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. STREAM CHANNEL
 - EX. WETLAND
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. SIGN
 - EX. TELEPHONE PEDESTAL
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY WITH INVERTER
 - PROPOSED WETLAND SETBACK
 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
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 - PROPOSED OVERHEAD COLLECTION
 - PROPOSED LAYDOWN YARD
 - PROPOSED O&M LOCATION
 - PROPOSED SUBSTATION LOCATION
 - PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
 - PROPOSED SCREENING
 - PROPOSED LOW WATER CROSSING
 - PROPOSED SILT FENCE
 - PROPOSED CULVERT
 - PROPOSED PRELIM DRAINAGE BASIN
 - PROPOSED DEER GATE LOCATION

- NOTES:**
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Project Setbacks/Restrictions

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REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
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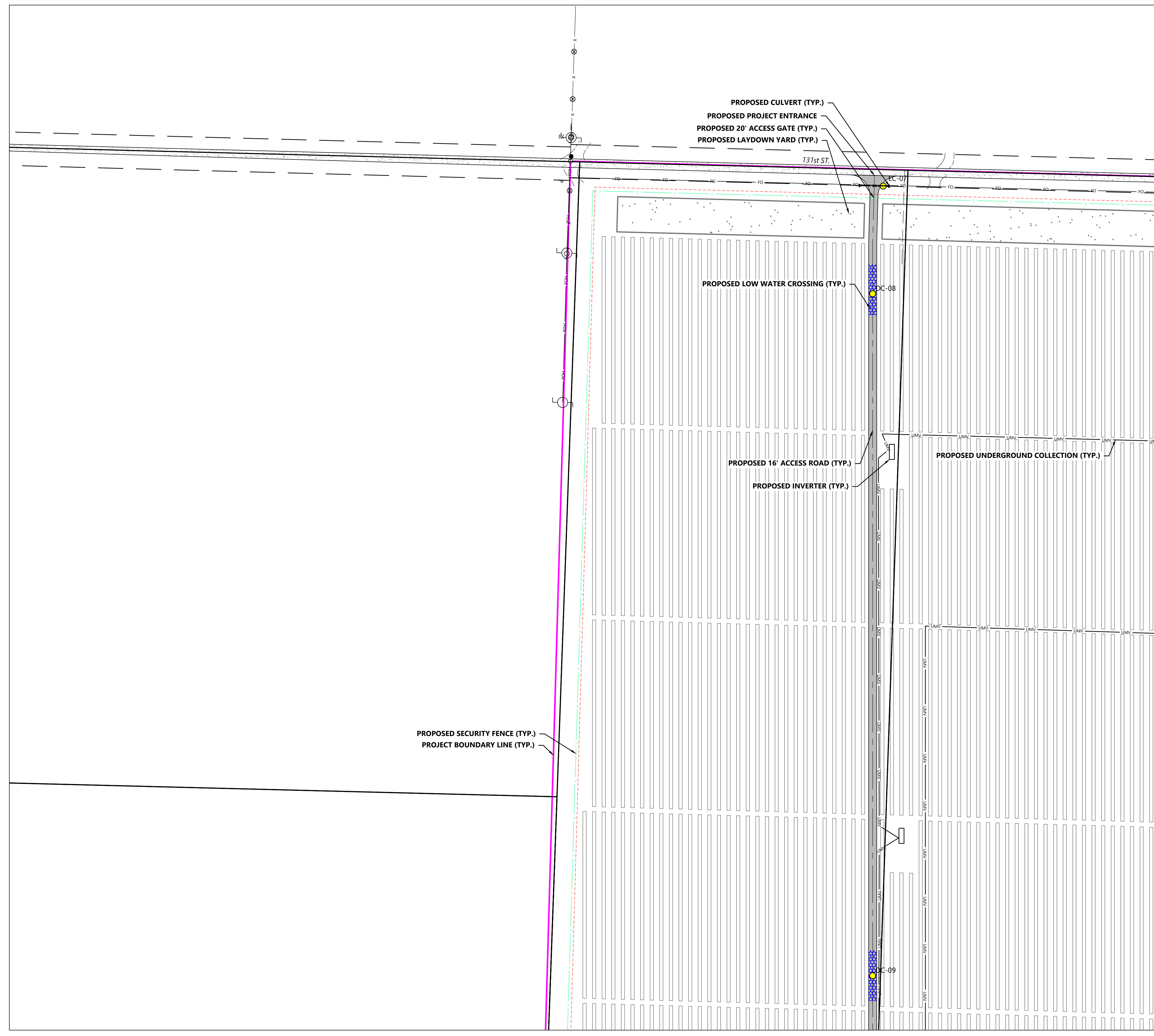


Elk Creek Solar Project
 Rock County, MN

Site Plan - 19

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DATE: 05/01/2023 REV:
 SHEET: C.419 A



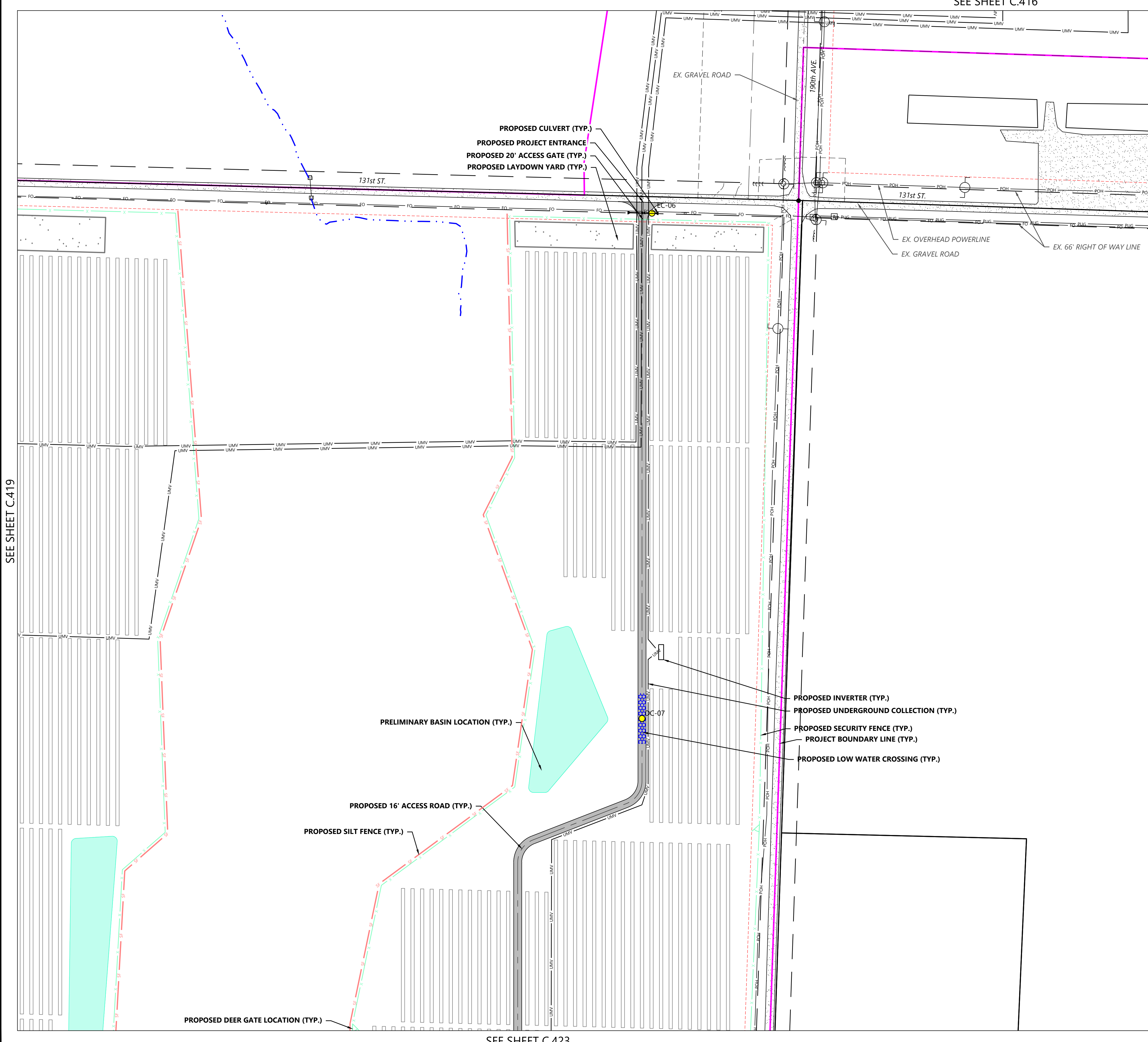
SEE SHEET C.420

SEE SHEET C.422

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SEE SHEET C.416

SEE SHEET C.419



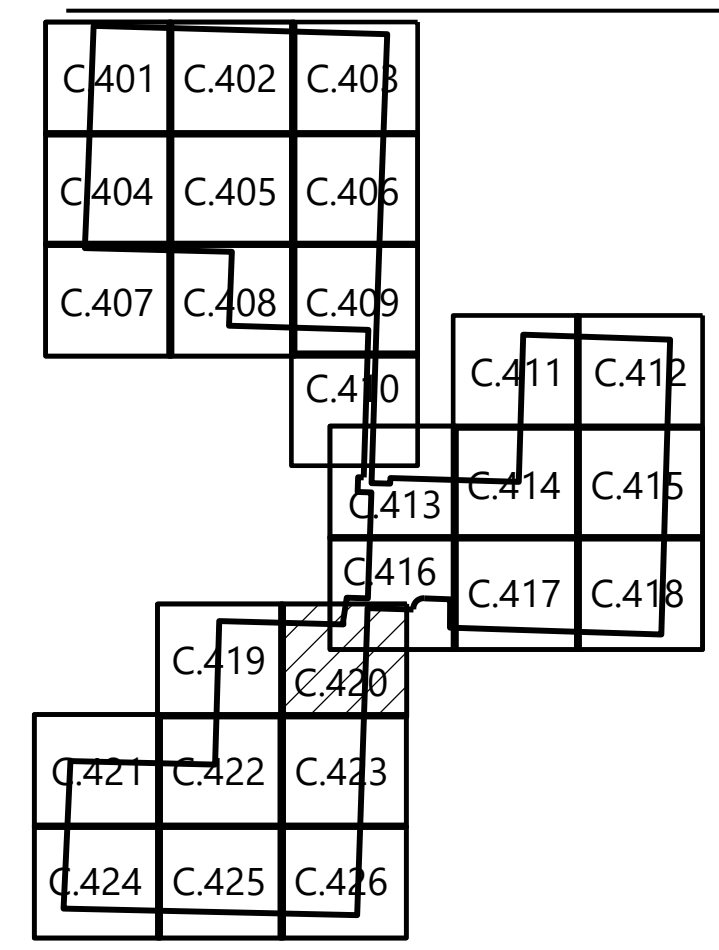
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
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- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

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Project Setbacks/Restrictions	
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REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

KEY MAP



Westwood

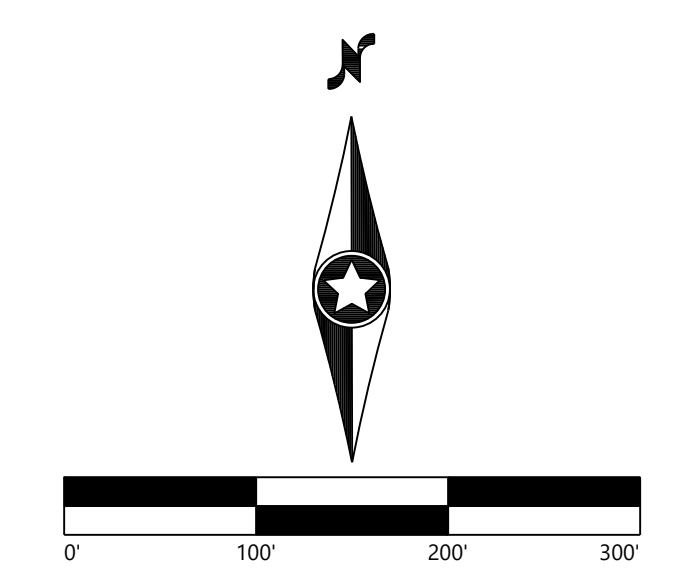
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 Bloomington, MN 55347

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A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

Site Plan - 20

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DATE: 05/01/2023 REV:
 SHEET: C.420 A

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA

LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

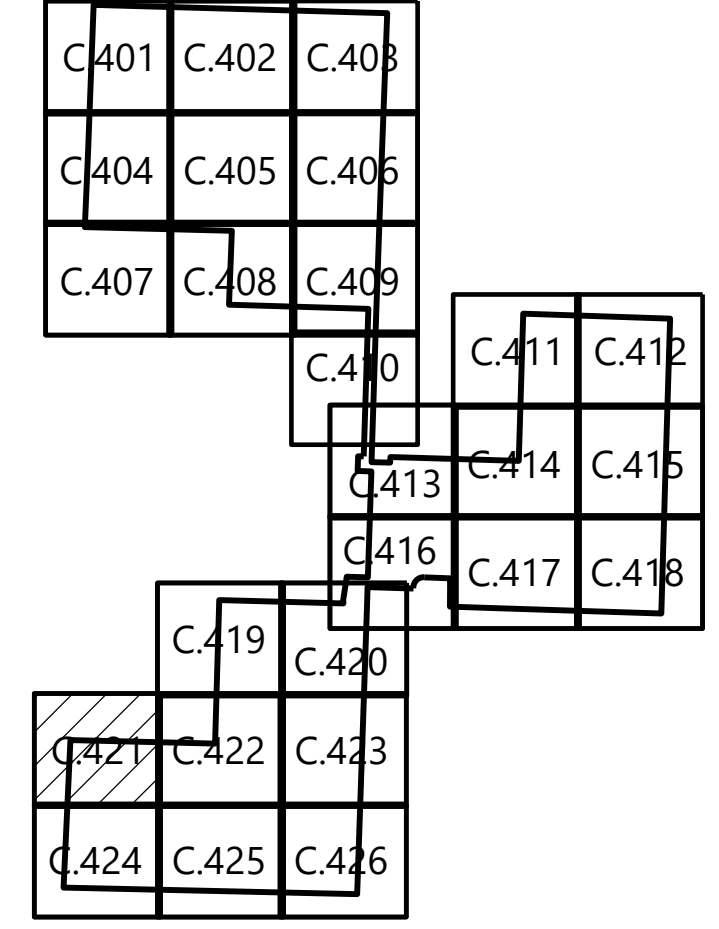
NOTES:

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Project Setbacks/Restrictions

Item	Required
FRONT YARD	25' FROM ROAD RIGHT OF WAY
SIDE YARD	25' FROM PROPERTY LINE
REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

KEY MAP



Elk Creek Solar Project
 Rock County, MN

Site Plan - 21

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:

SHEET: C.421 A



SEE SHEET C.424

20230501 10:00 AM C:\Users\jgibson\OneDrive\Documents\Elk Creek Solar\Site Plan - 21.dwg 5/1/2023 9:53 AM Westwood

SEE SHEET C.419

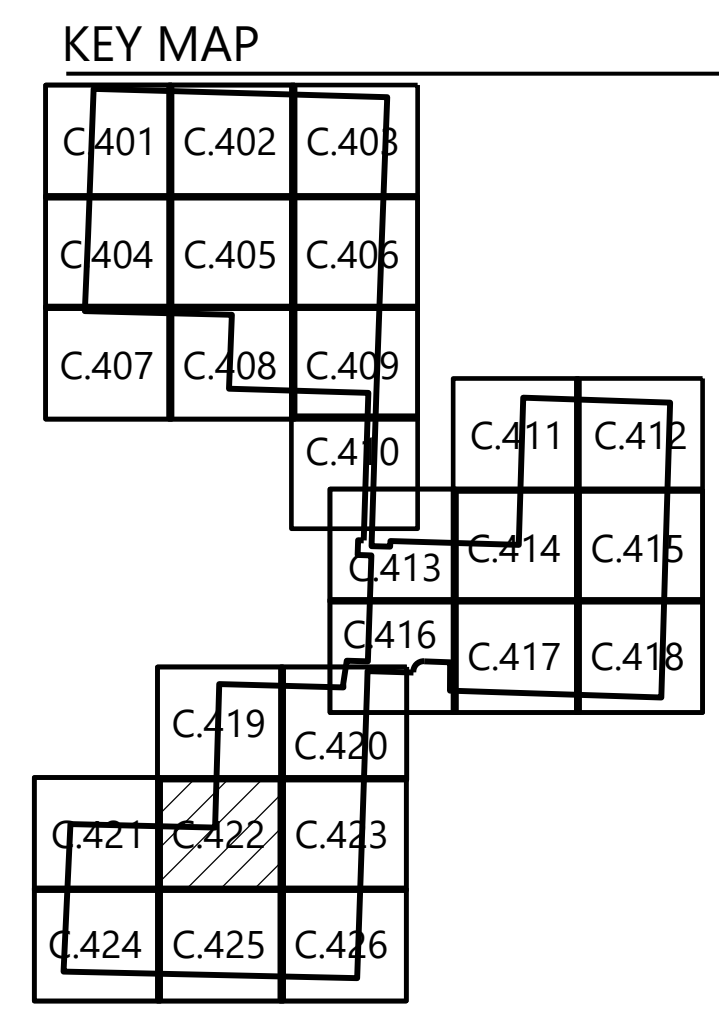


LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

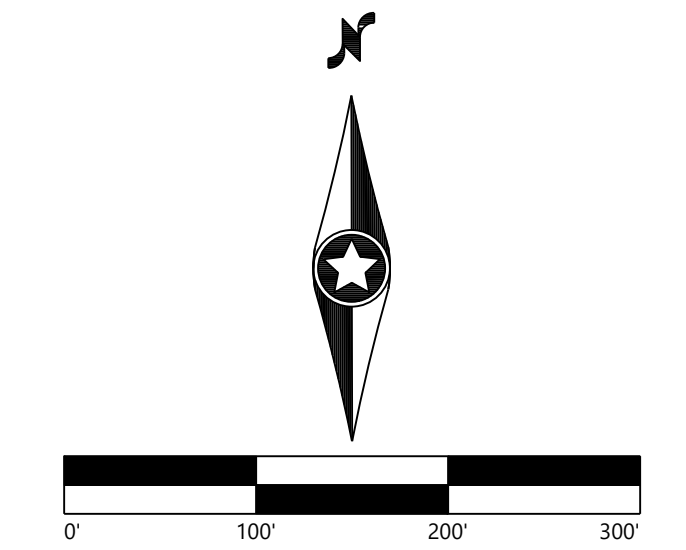
- NOTES:
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Project Setbacks/Restrictions	
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DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)



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Elk Creek Solar Project
 Rock County, MN

Site Plan - 22

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.422 A

SEE SHEET C.421

SEE SHEET C.423

SEE SHEET C.425

20230501 10:00 AM C:\Users\jcm\OneDrive\Documents\Elk Creek Solar\20230501 10:00 AM Westwood.dwg 5/1/2023 9:53 AM Westwood

SEE SHEET C.420

SEE SHEET C.426

SEE SHEET C.422

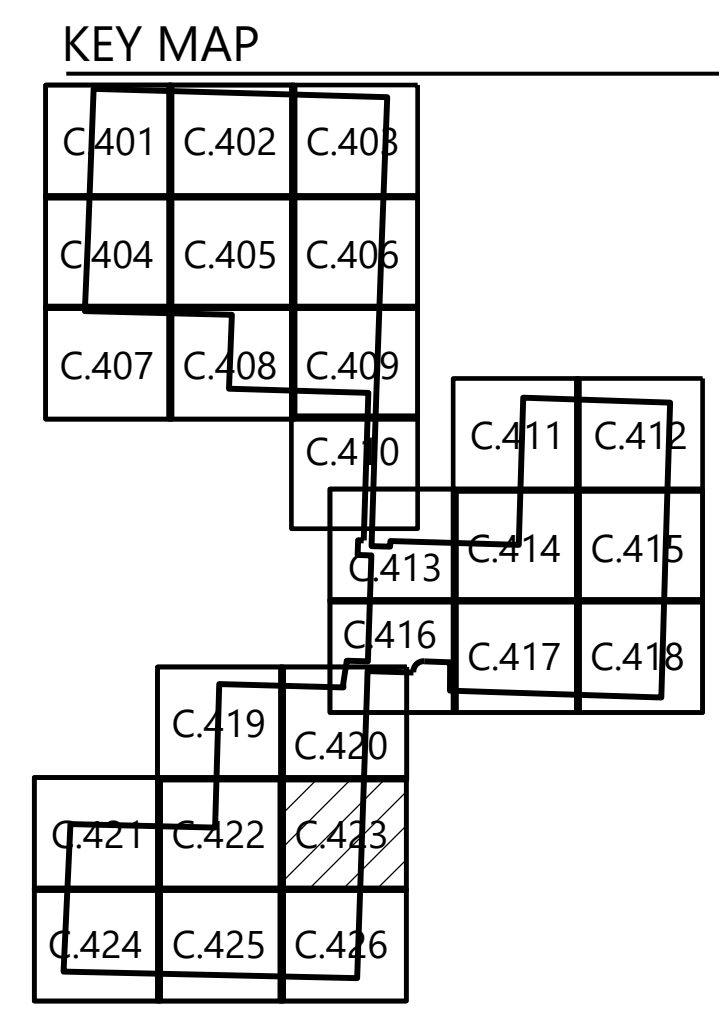


LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
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- PROPOSED DEER GATE LOCATION

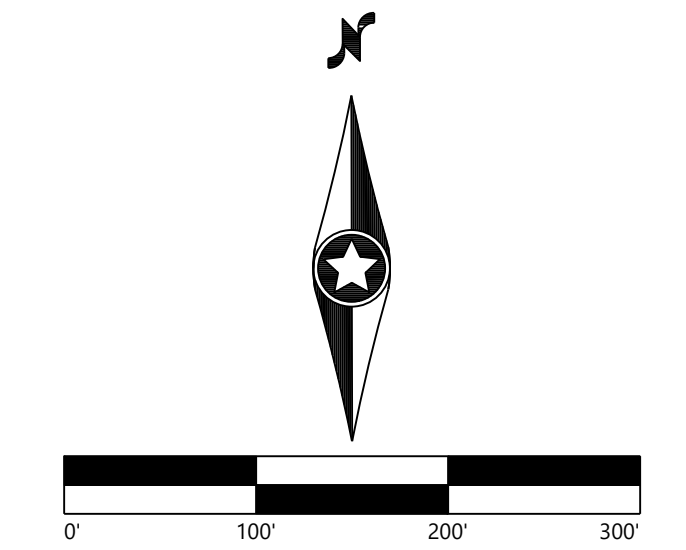
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Project Setbacks/Restrictions	
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Elk Creek Solar Project
 Rock County, MN

Site Plan - 23

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.423 A

20230501 10:00 AM C:\Users\jgibson\OneDrive\Documents\CAD\2023\230501\230501.dwg 5/1/2023 9:52 AM Westwood

SEE SHEET C.421



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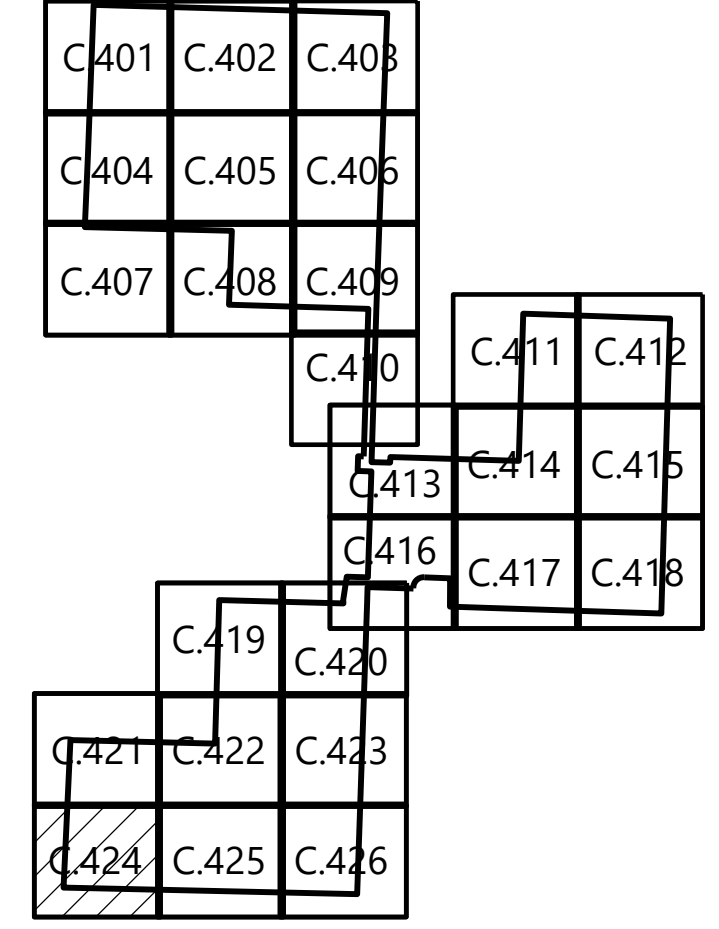
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- EX. SECTION LINE
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- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
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KEY MAP



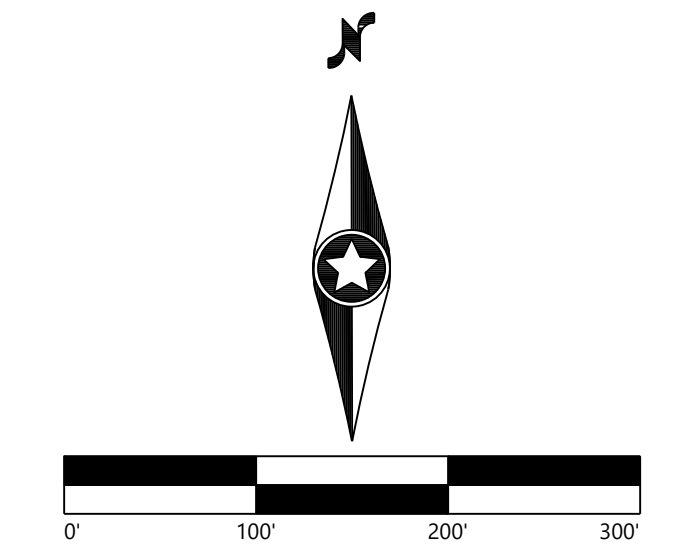
Westwood
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
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PREPARED FOR:

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 Bloomington, MN 55347

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Elk Creek Solar Project
 Rock County, MN

Site Plan - 24

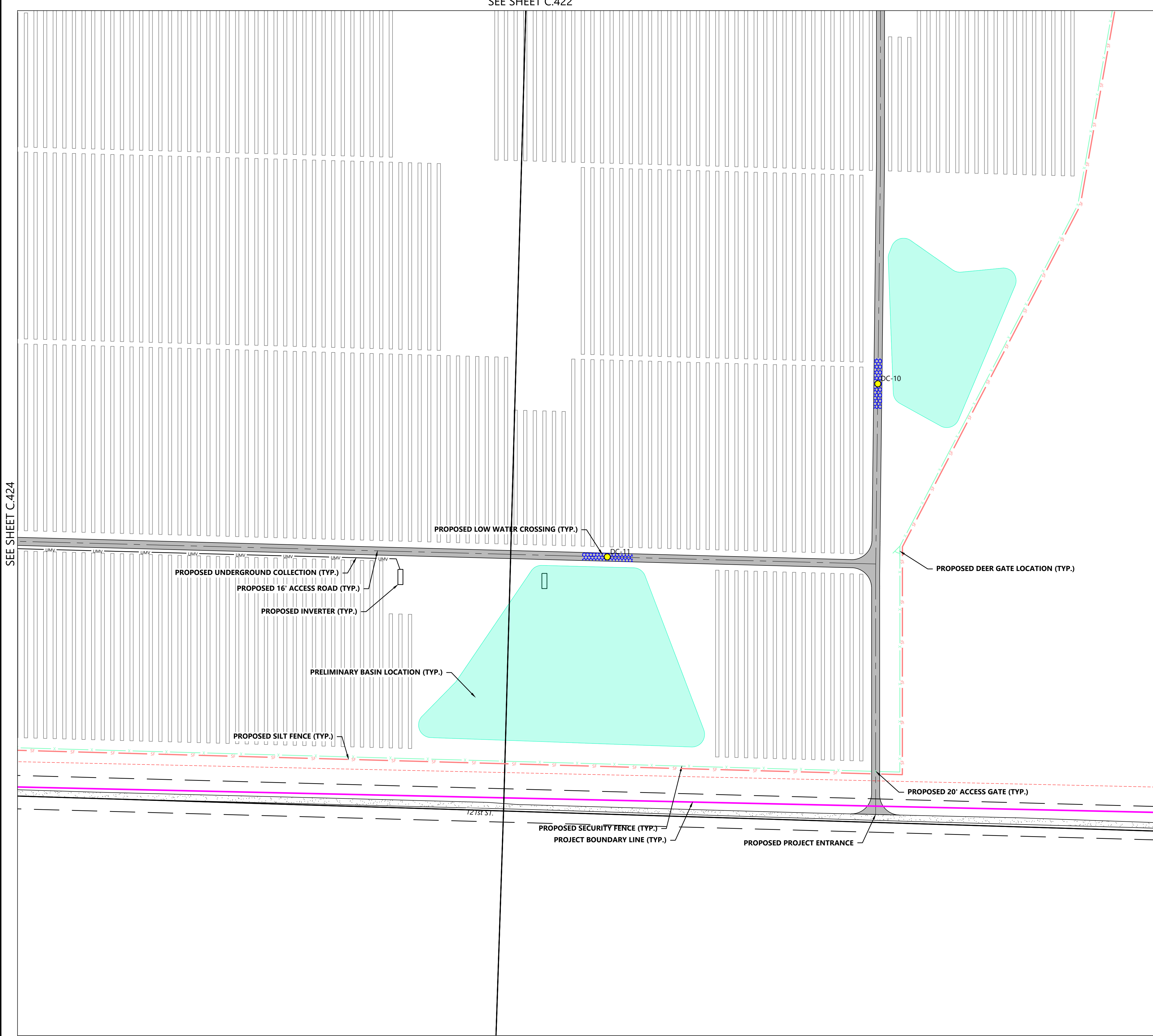
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DATE: 05/01/2023 REV:
 SHEET: C.424 A

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SEE SHEET C.422

SEE SHEET C.424



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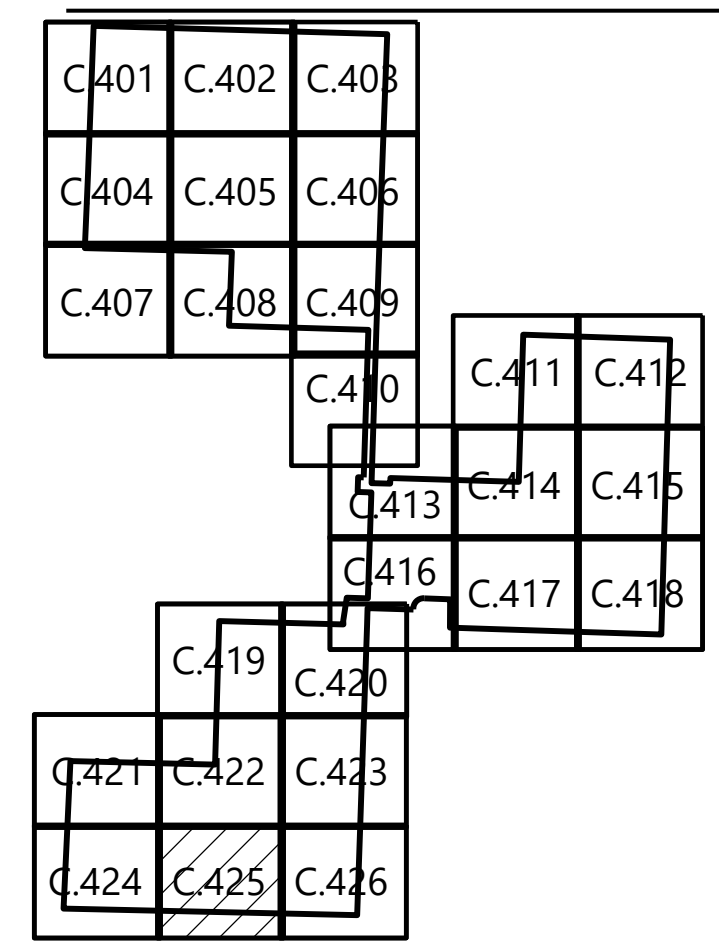
- PROJECT BOUNDARY
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2. SEE C.600 - C.602 DRAWINGS FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
3. SEE GRADING AND DRAINAGE SHEETS C.500 - C.525 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
4. PROPOSED SUBSTATION LOCATION IS PRELIMINARY. FINAL LOCATION TO BE CONFIRMED WITH FURTHER DESIGN.

Project Setbacks/Restrictions	
Item	Required
FRONT YARD	25' FROM ROAD RIGHT OF WAY
SIDE YARD	25' FROM PROPERTY LINE
REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)

KEY MAP



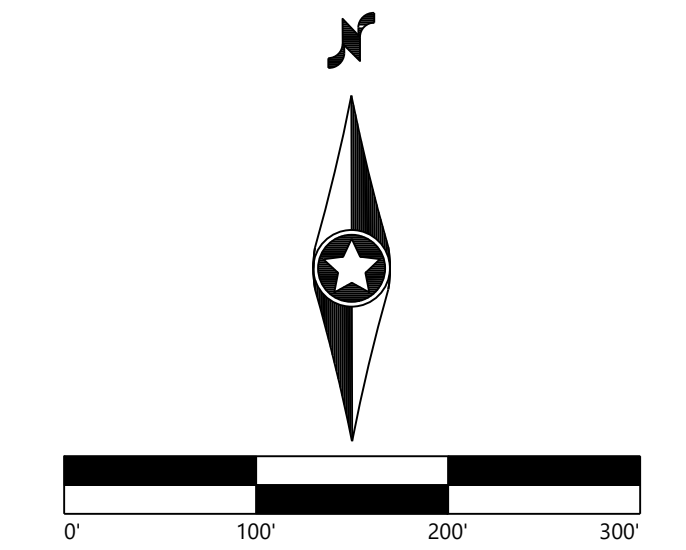
Westwood
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 TollFree (888) 937-5150 westwoodps.com
 Westwood Professional Services, Inc.

PREPARED FOR:

8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

Site Plan - 25

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.425 A

05/01/2023 10:00 AM C:\Users\jca\Desktop\ElkCreekSolar\ElkCreekSolar.dwg 5/1/2023 9:52 AM jca

SEE SHEET C.423

SEE SHEET C.425



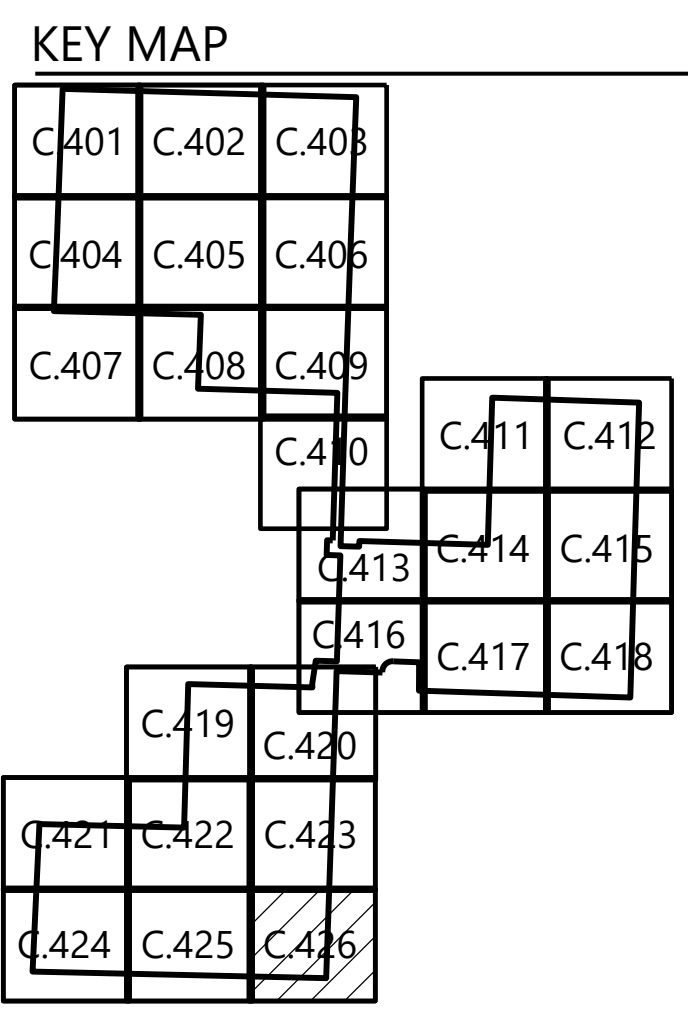
LEGEND:

- PROJECT BOUNDARY
- EX. EASEMENT LINE
- EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY WITH INVERTER
- PROPOSED WETLAND SETBACK
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
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- PROPOSED OVERHEAD COLLECTION
- PROPOSED LAYDOWN YARD
- PROPOSED O&M LOCATION
- PROPOSED SUBSTATION LOCATION
- PROPOSED EXISTING SUBSTATION EXPANSION LOCATION
- PROPOSED SCREENING
- PROPOSED LOW WATER CROSSING
- PROPOSED SILT FENCE
- PROPOSED CULVERT
- PROPOSED PRELIM DRAINAGE BASIN
- PROPOSED DEER GATE LOCATION

NOTES:

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SIDE YARD	25' FROM PROPERTY LINE
REAR YARD	25' FROM PROPERTY LINE
DWELLINGS	200' FROM HOUSES
PUBLIC CONSERVATION LANDS	200' (NONE IN PROJECT AREA)



Westwood

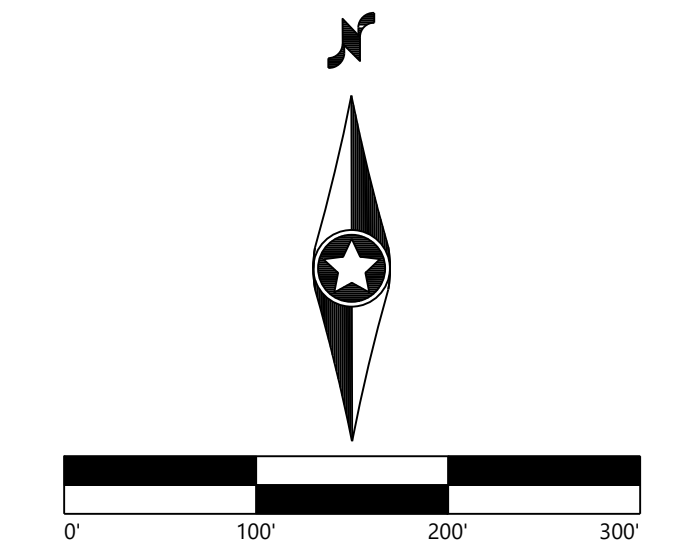
Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
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 Westwood Professional Services, Inc.

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans		MB	BV KA



Elk Creek Solar Project
 Rock County, MN

Site Plan - 26

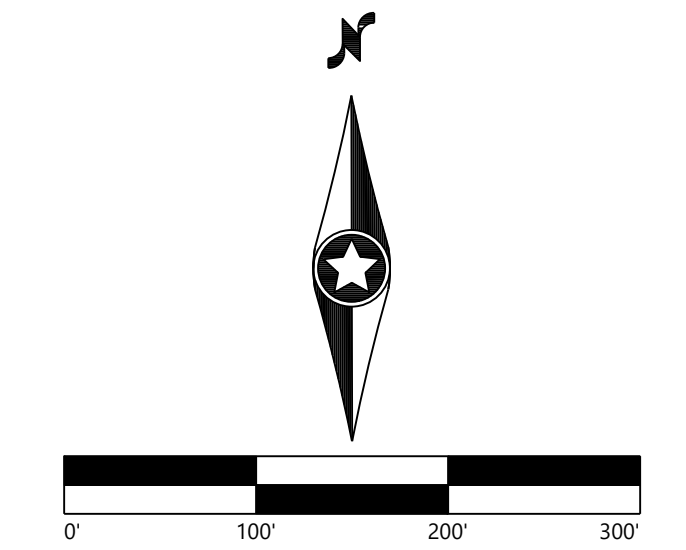
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DATE: 05/01/2023 REV:
 SHEET: C.426 A

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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

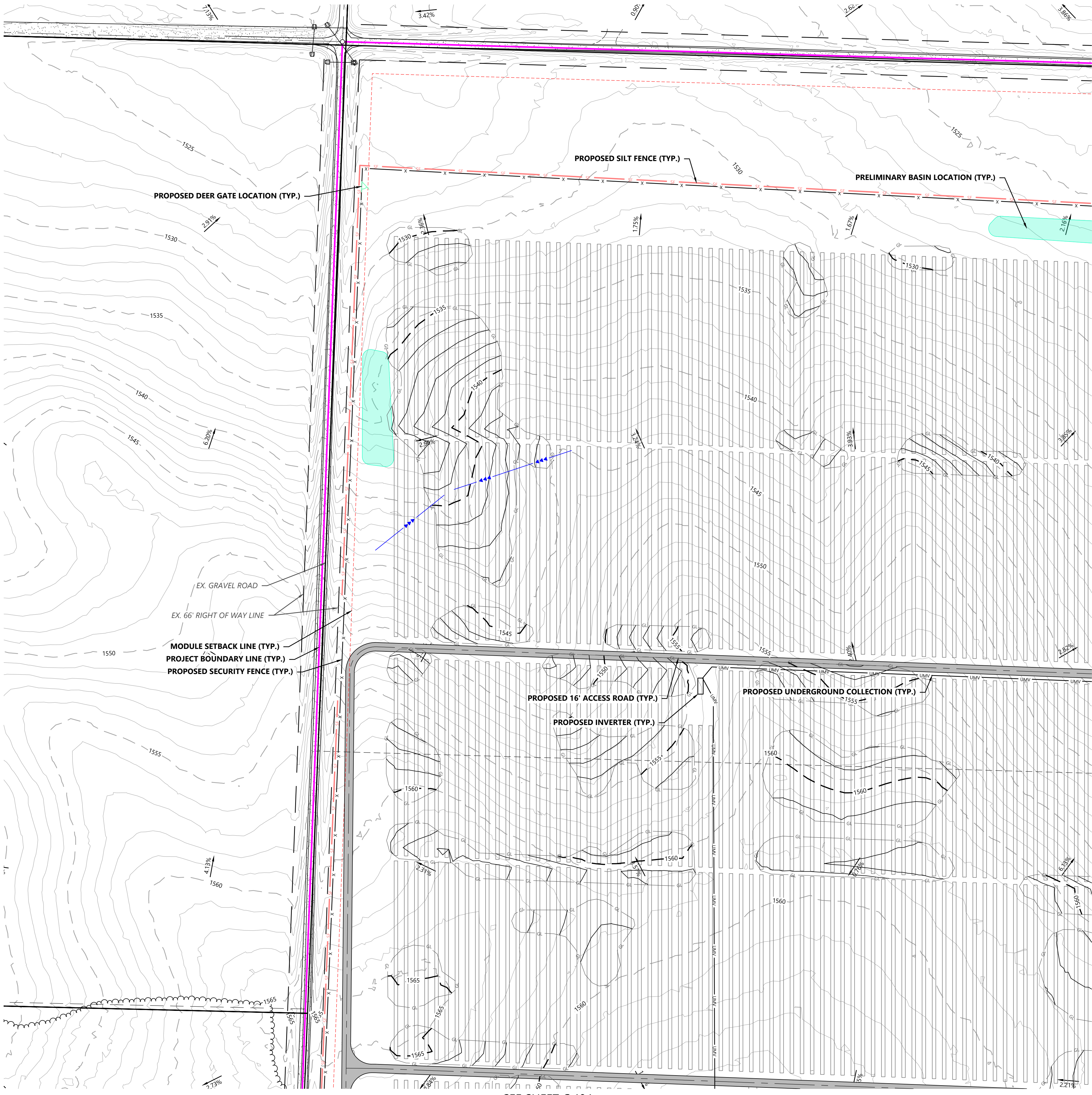
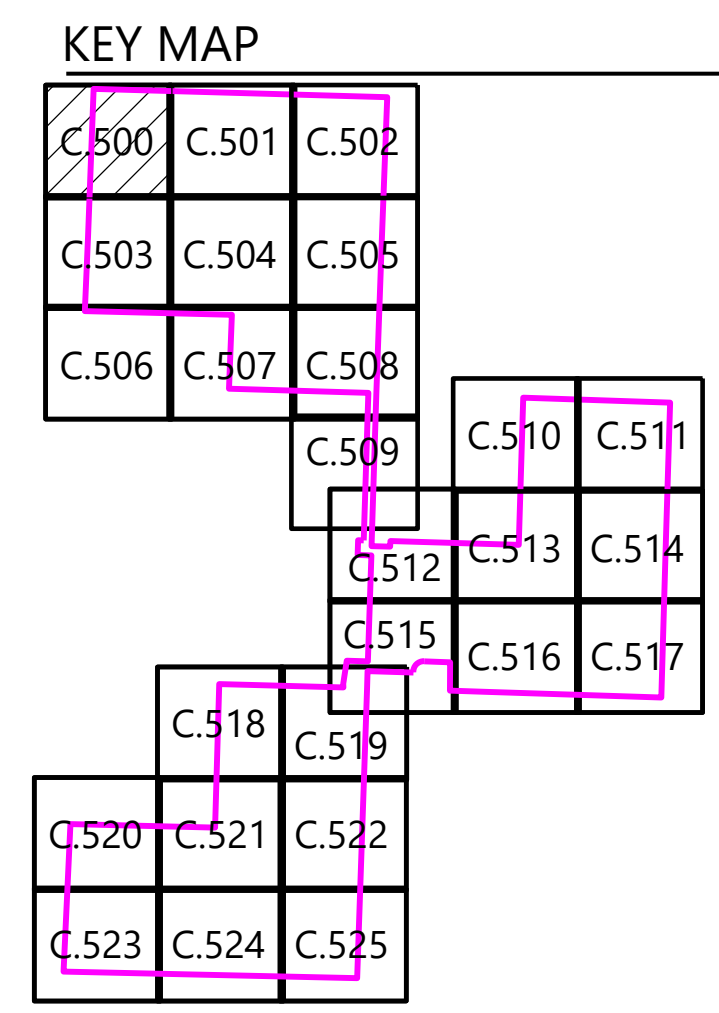
Grading and Drainage
 Plan - 1

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.500 A

- LEGEND:**
- PROJECT BOUNDARY
 - - - EX. EASEMENT LINE
 - - - EX. SECTION LINE
 - - - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - EX. OVERHEAD POWER
 - EX. UNDERGROUND COLLECTION
 - EX. FIBER OPTIC
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. STREAM CHANNEL
 - EX. WETLAND
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. SIGN
 - EX. TELEPHONE PEDESTAL
 - 900 EX. INDEX CONTOUR
 - 910 EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY WITH INVERTER
 - PROPOSED WETLAND SETBACK
 - PROPOSED SOLAR ARRAY BOUNDARY
 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED LAYDOWN YARD
 - PROPOSED O&M LOCATION
 - PROPOSED SUBSTATION LOCATION
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 - PROPOSED LOW WATER CROSSING
 - PROPOSED SILT FENCE
 - PROPOSED CULVERT
 - PROPOSED PRELIM DRAINAGE BASIN
 - DL PROPOSED DISTURBANCE LIMITS
 - GL PROPOSED GRADING LIMITS
 - PROPOSED GRADE BREAK SWALES
 - DC-XX PROPOSED DRAINAGE CROSSING
 - EC-XX PROPOSED ENTRANCE CULVERT
 - U-MV PROPOSED UNDERGROUND COLLECTION
 - O-MV PROPOSED OVERHEAD COLLECTION
 - PROPOSED DEER GATE LOCATION

- NOTES:
- SEE SITE PLAN SHEETS C.401 THRU C.426 FOR LAYOUT OF ARRAY AND FACILITY FEATURES.
 - SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 - MINOR SURFACE SMOOTHING MAY OCCUR IN AREAS WHERE GRADING IS NOT PROPOSED FOR SAFETY OR SOLAR ARRAY INSTALLATION.
 - CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS. A CROWNED OR CONTINUOUS CROSS SLOPE WILL BE PROVIDED BASED ON SITE CONDITIONS.
 - OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR FACILITY.



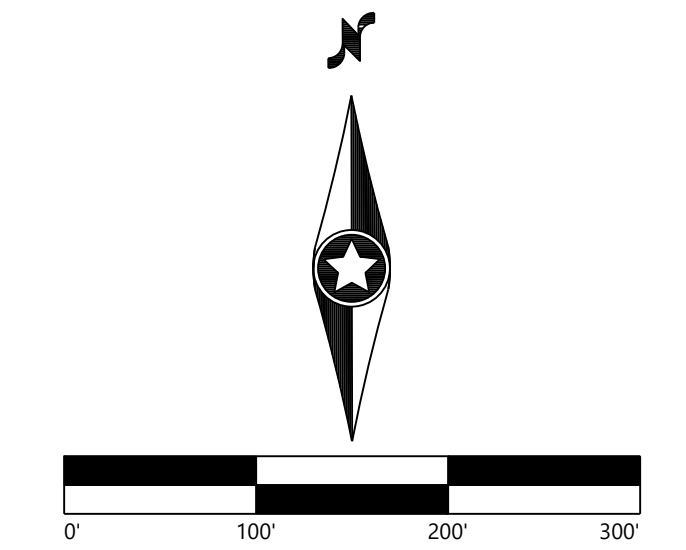
SEE SHEET C.402

SEE SHEET C.404

20230501 10:20 AM C:\Users\jgallagher\OneDrive\Documents\Elk Creek Solar\Grading and Drainage\Grading and Drainage Plan - 1.dwg (3/2/2023 9:23 AM Matt Elmgren)

REVISIONS:

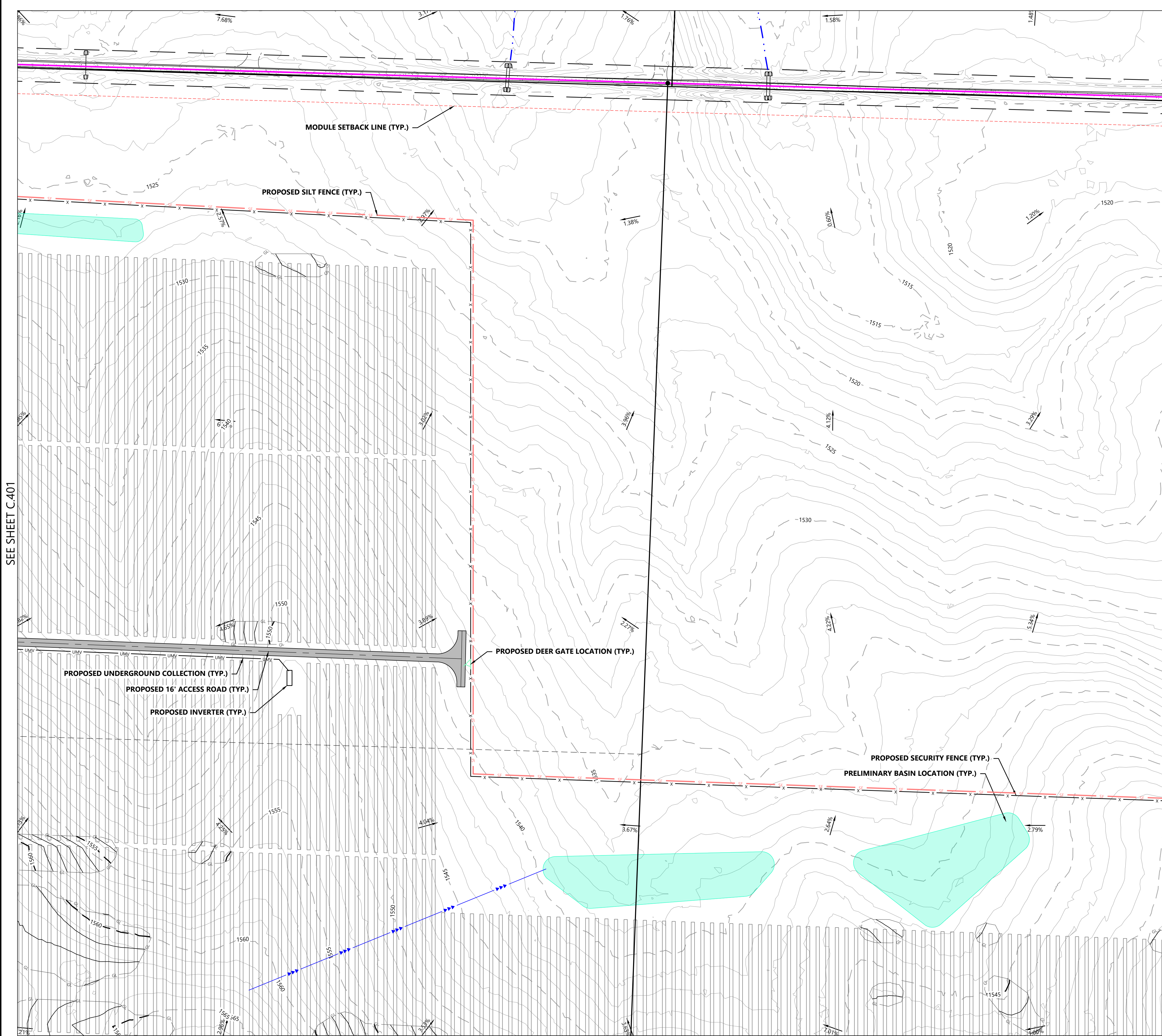
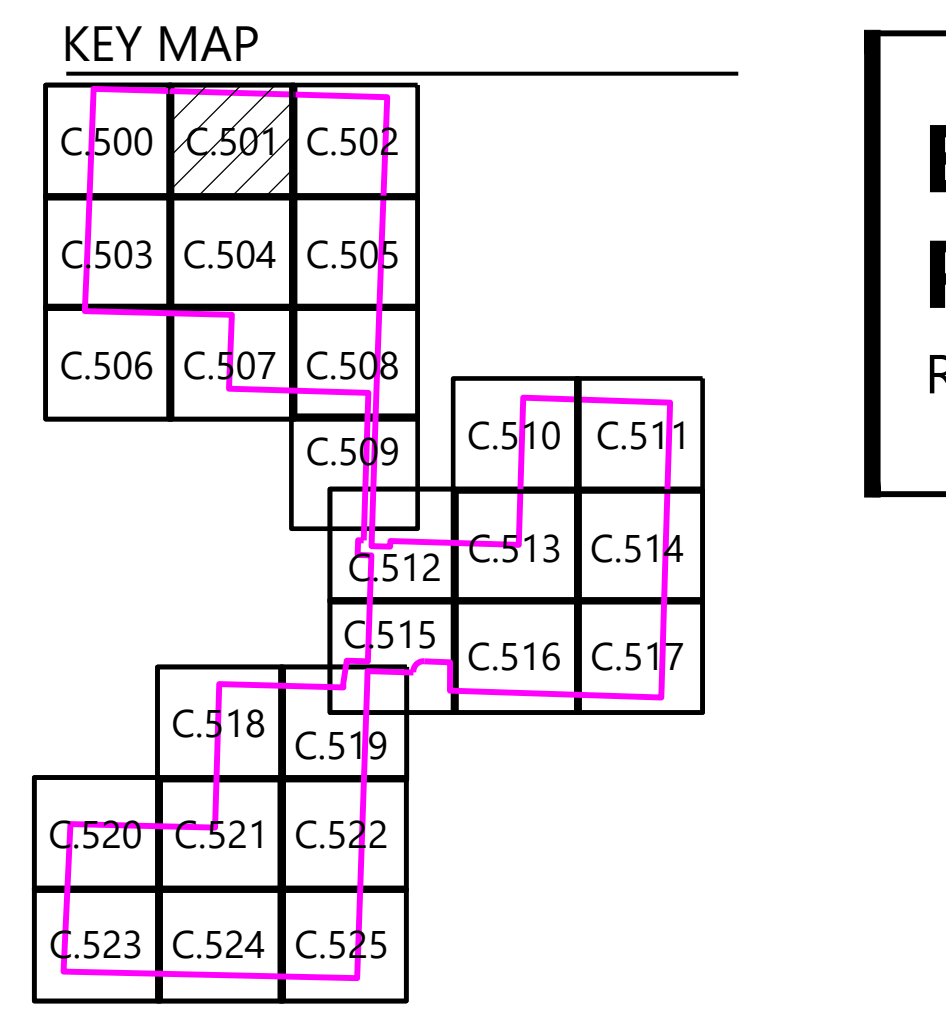
#	DATE	COMMENT	BY	CHK
A	05/01/2023	Permit Plans	MB	BV KA



LEGEND:

	PROJECT BOUNDARY
	EX. EASEMENT LINE
	EX. SECTION LINE
	EX. PARCEL LINE
	RIGHT-OF-WAY LINES
	EX. OVERHEAD POWER
	EX. UNDERGROUND COLLECTION
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	EX. WETLAND
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	EX. CULVERT
	EX. SIGN
	EX. TELEPHONE PEDESTAL
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	PROPOSED WETLAND SETBACK
	PROPOSED SOLAR ARRAY BOUNDARY
	PROPOSED MODULE SETBACK
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	PROPOSED GRADE BREAK SWALES
	PROPOSED DRAINAGE CROSSING
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	PROPOSED OVERHEAD COLLECTION
	PROPOSED DEER GATE LOCATION

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SEE SHEET C.401

SEE SHEET C.403

SEE SHEET C.405

Elk Creek Solar Project
 Rock County, MN

Grading and Drainage Plan - 2

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.501 A

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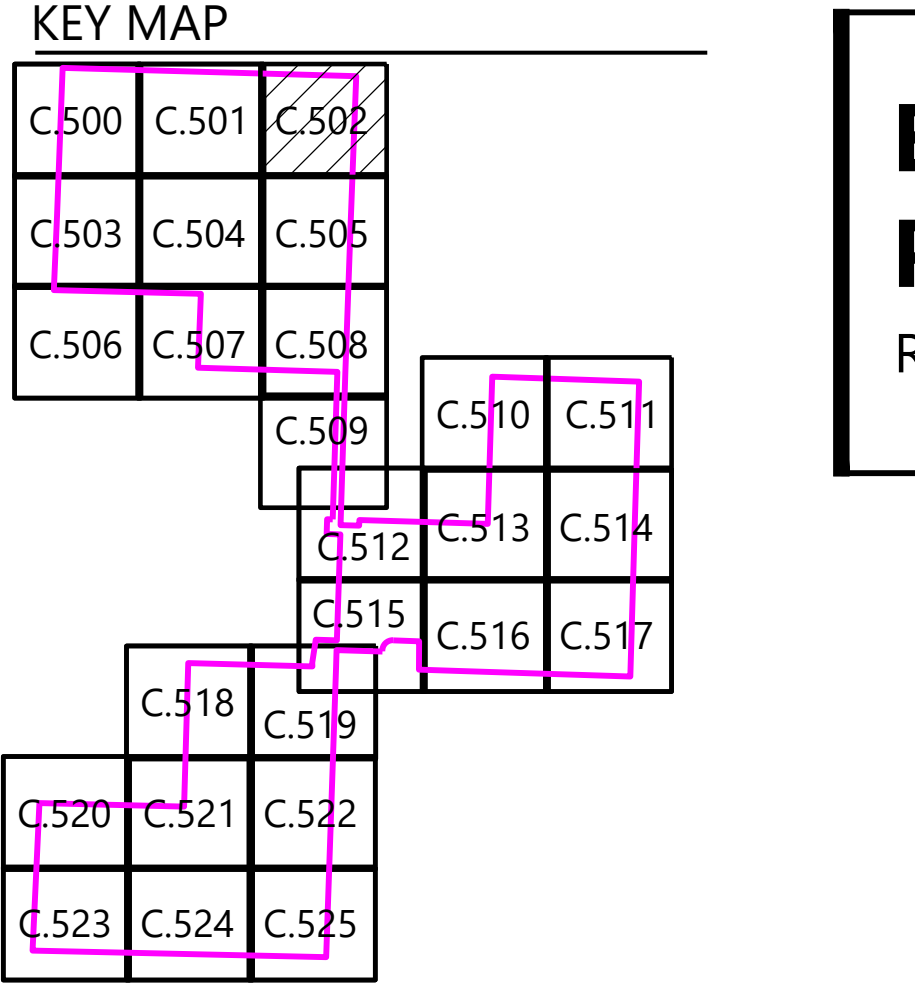


SEE SHEET C.402

SEE SHEET C.406

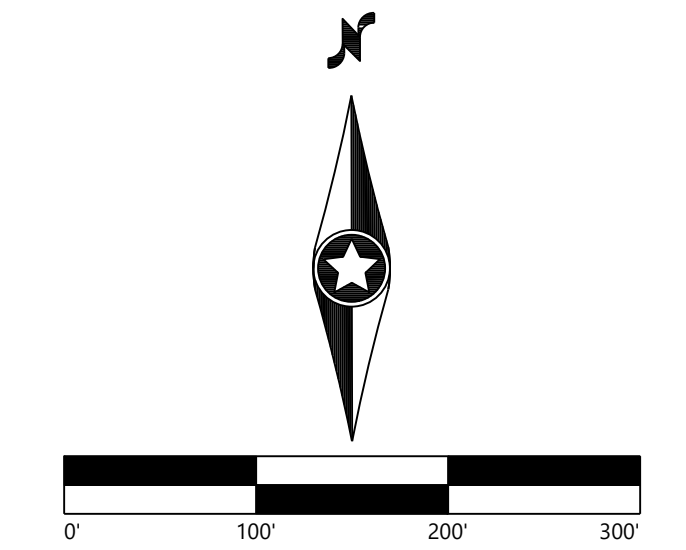
- LEGEND:**
- PROJECT BOUNDARY
 - - - EX. EASEMENT LINE
 - - - EX. SECTION LINE
 - - - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - EX. OVERHEAD POWER
 - EX. UNDERGROUND COLLECTION
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 - PROPOSED GRADING LIMITS
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 - PROPOSED DRAINAGE CROSSING
 - PROPOSED ENTRANCE CULVERT
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REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

Grading and Drainage Plan - 3

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.502 A

SEE SHEET C.401

SEE SHEET C.407



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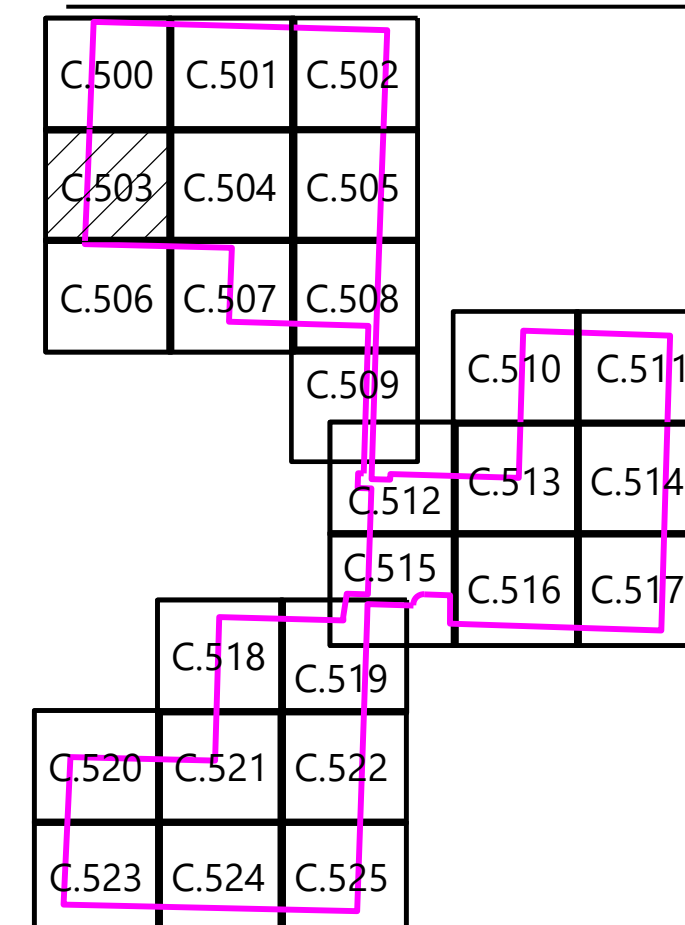
- PROJECT BOUNDARY
- - - EX. EASEMENT LINE
- - - EX. SECTION LINE
- EX. PARCEL LINE
- RIGHT-OF-WAY LINES
- EX. OVERHEAD POWER
- EX. UNDERGROUND COLLECTION
- EX. FIBER OPTIC
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. STREAM CHANNEL
- EX. WETLAND
- EX. STRUCTURE
- EX. CULVERT
- EX. SIGN
- EX. TELEPHONE PEDESTAL
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
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- PROPOSED DRAINAGE CROSSING
- PROPOSED ENTRANCE CULVERT
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED OVERHEAD COLLECTION
- PROPOSED DEER GATE LOCATION

SEE SHEET C.405

NOTES:

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KEY MAP



Westwood

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 TollFree (888) 937-5150 westwoodsps.com
 Westwood Professional Services, Inc.

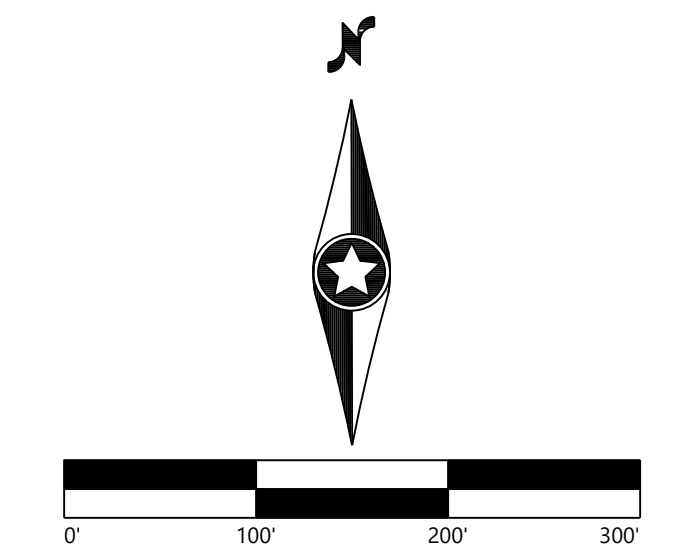
PREPARED FOR:



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 Bloomington, MN 55347

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A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project

Rock County, MN

Grading and Drainage Plan - 4

NOT FOR CONSTRUCTION

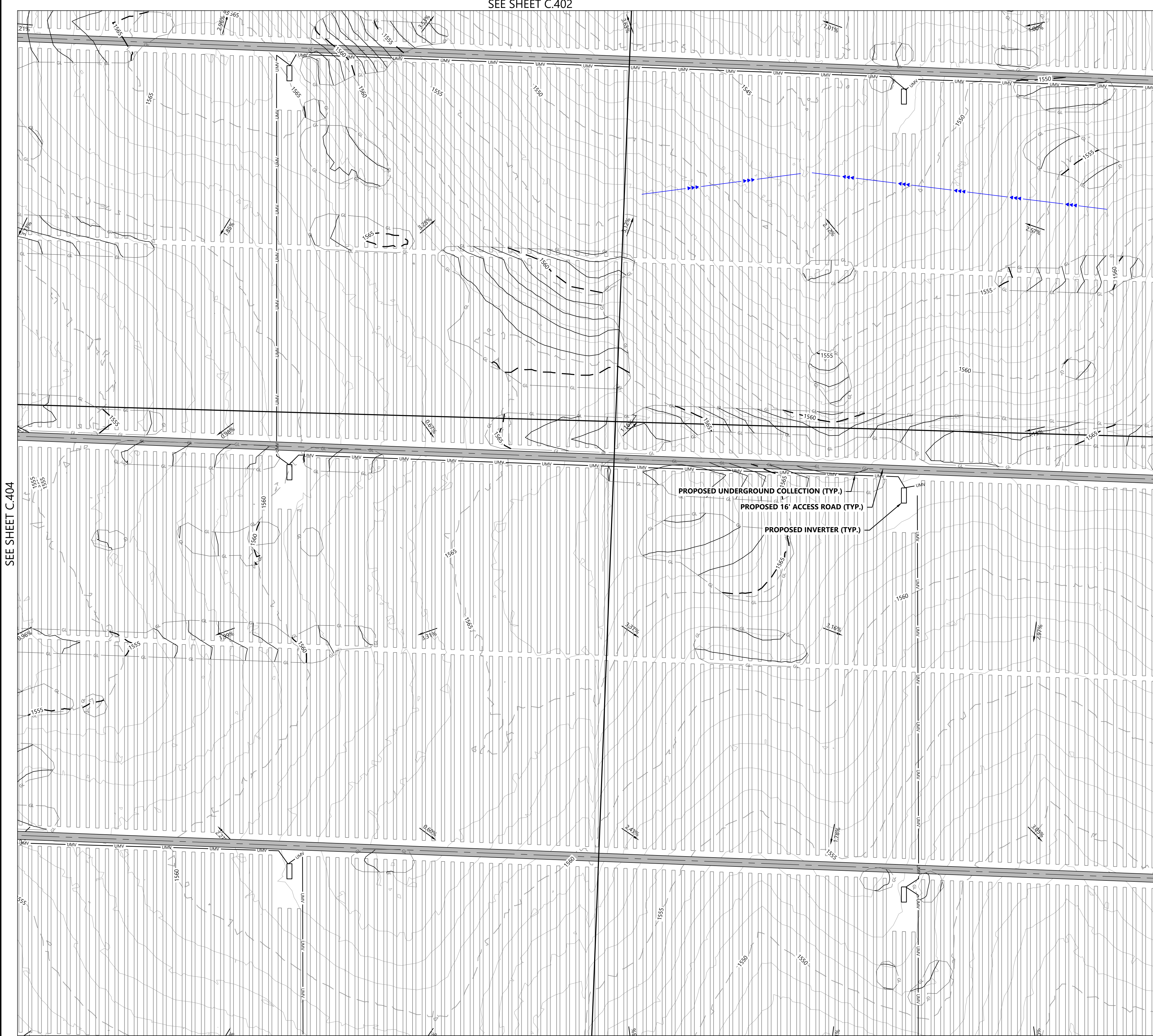
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SHEET: C.503 A

SEE SHEET C.402

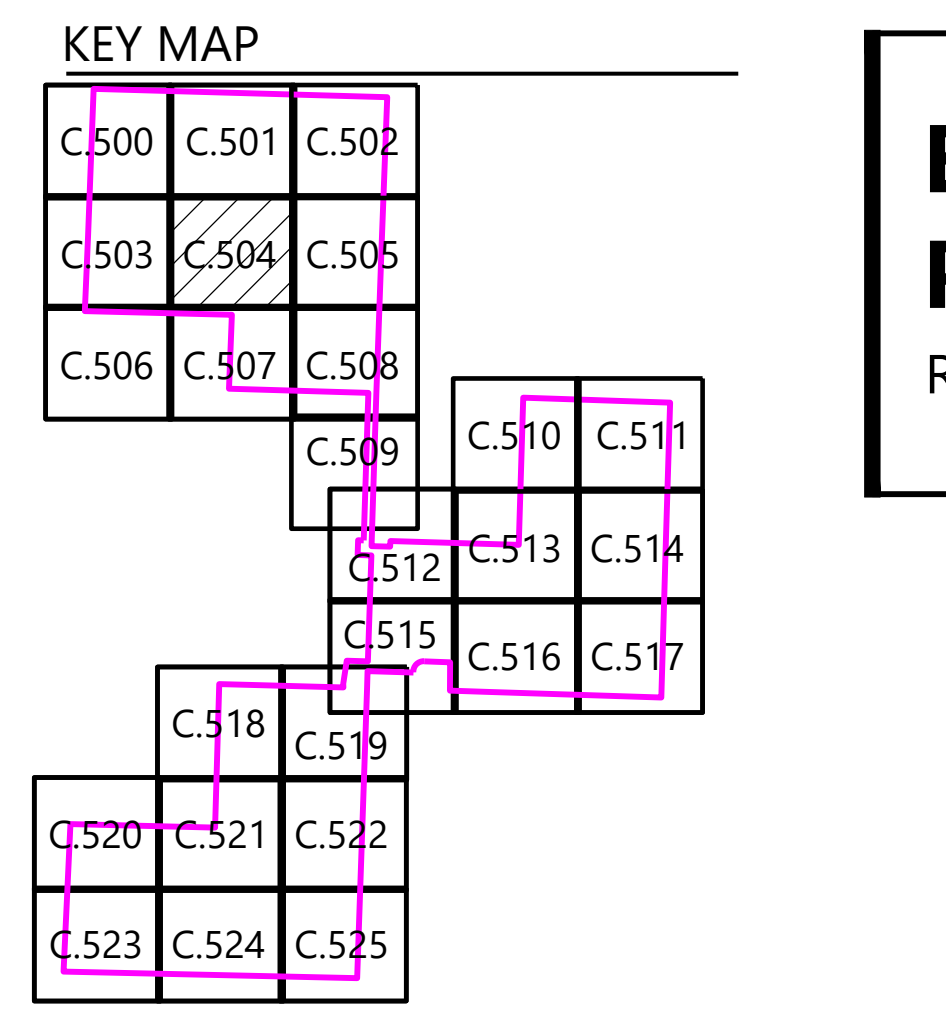
SEE SHEET C.408

SEE SHEET C.404



- LEGEND:**
- PROJECT BOUNDARY
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 - - - EX. SECTION LINE
 - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - EX. OVERHEAD POWER
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 - EX. STREAM CHANNEL
 - EX. WETLAND
 - EX. STRUCTURE
 - EX. CULVERT
 - EX. SIGN
 - EX. TELEPHONE PEDESTAL
 - 900 --- EX. INDEX CONTOUR
 - 910 --- EX. INTERVAL CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY WITH INVERTER
 - PROPOSED WETLAND SETBACK
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 - PROPOSED SCREENING
 - PROPOSED LOW WATER CROSSING
 - PROPOSED SILT FENCE
 - PROPOSED CULVERT
 - PROPOSED PRELIM DRAINAGE BASIN
 - DL --- PROPOSED DISTURBANCE LIMITS
 - GL --- PROPOSED GRADING LIMITS
 - PROPOSED GRADE BREAK SWALES
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 - PROPOSED DEER GATE LOCATION
 - DC-XX
 - EC-XX

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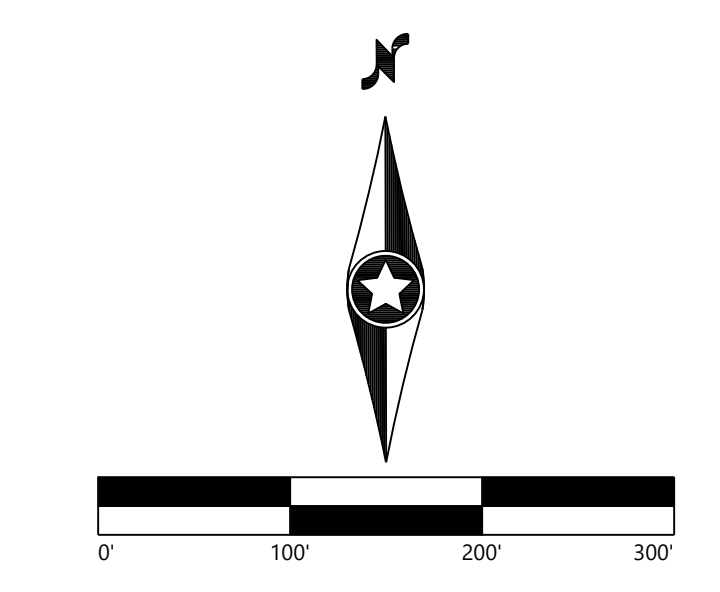
PREPARED FOR:

nationalgrid renewables

8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT	BY	CHK
A	05/01/2023	Permit Plans	MB	BY KA



Elk Creek Solar Project
 Rock County, MN

Grading and Drainage Plan - 5

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV: A
 SHEET: C.504

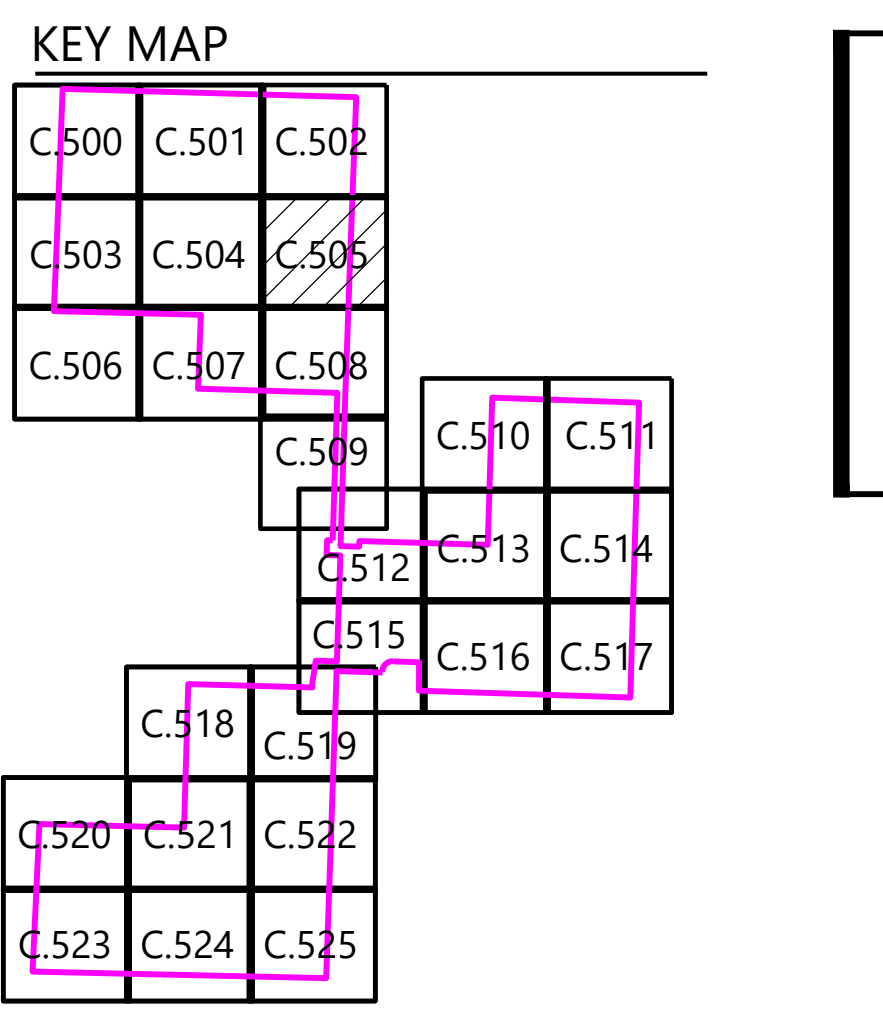
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SEE SHEET C.405

- LEGEND:**
- PROJECT BOUNDARY
 - - - EX. EASEMENT LINE
 - - - EX. SECTION LINE
 - EX. PARCEL LINE
 - RIGHT-OF-WAY LINES
 - OPH EX. OVERHEAD POWER
 - PUG EX. UNDERGROUND COLLECTION
 - FO EX. FIBER OPTIC
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. STREAM CHANNEL
 - EX. WETLAND
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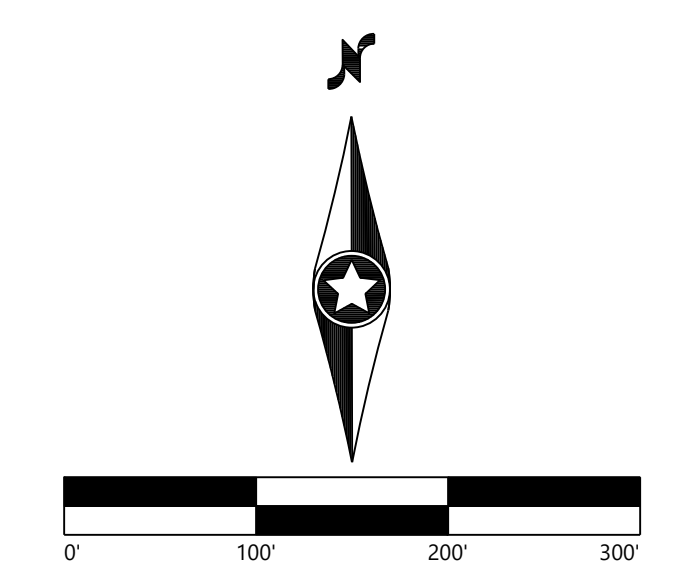
- NOTES:**
- SEE SITE PLAN SHEETS C.401 THRU C.426 FOR LAYOUT OF ARRAY AND FACILITY FEATURES.
 - SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 - MINOR SURFACE SMOOTHING MAY OCCUR IN AREAS WHERE GRADING IS NOT PROPOSED FOR SAFETY OR SOLAR ARRAY INSTALLATION.
 - CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS. A CROWNED OR CONTINUOUS CROSS SLOPE WILL BE PROVIDED BASED ON SITE CONDITIONS.
 - OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR FACILITY.



8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT	BY	CHK	APR
A	05/01/2023	Permit Plans	MB	BV	KA



Elk Creek Solar Project
 Rock County, MN

Grading and Drainage Plan - 6

NOT FOR CONSTRUCTION

DATE: 05/01/2023 REV:
 SHEET: C.505 A