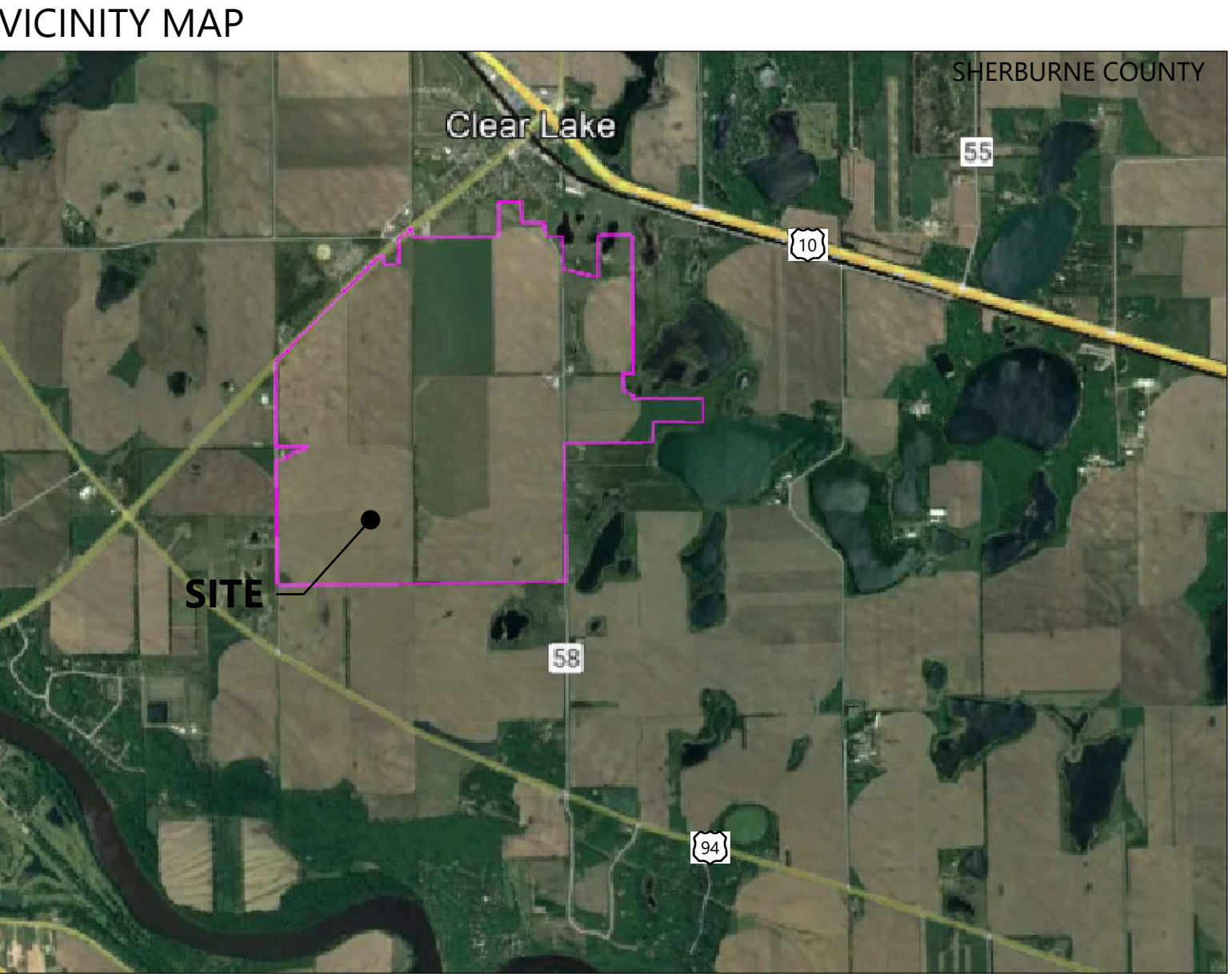
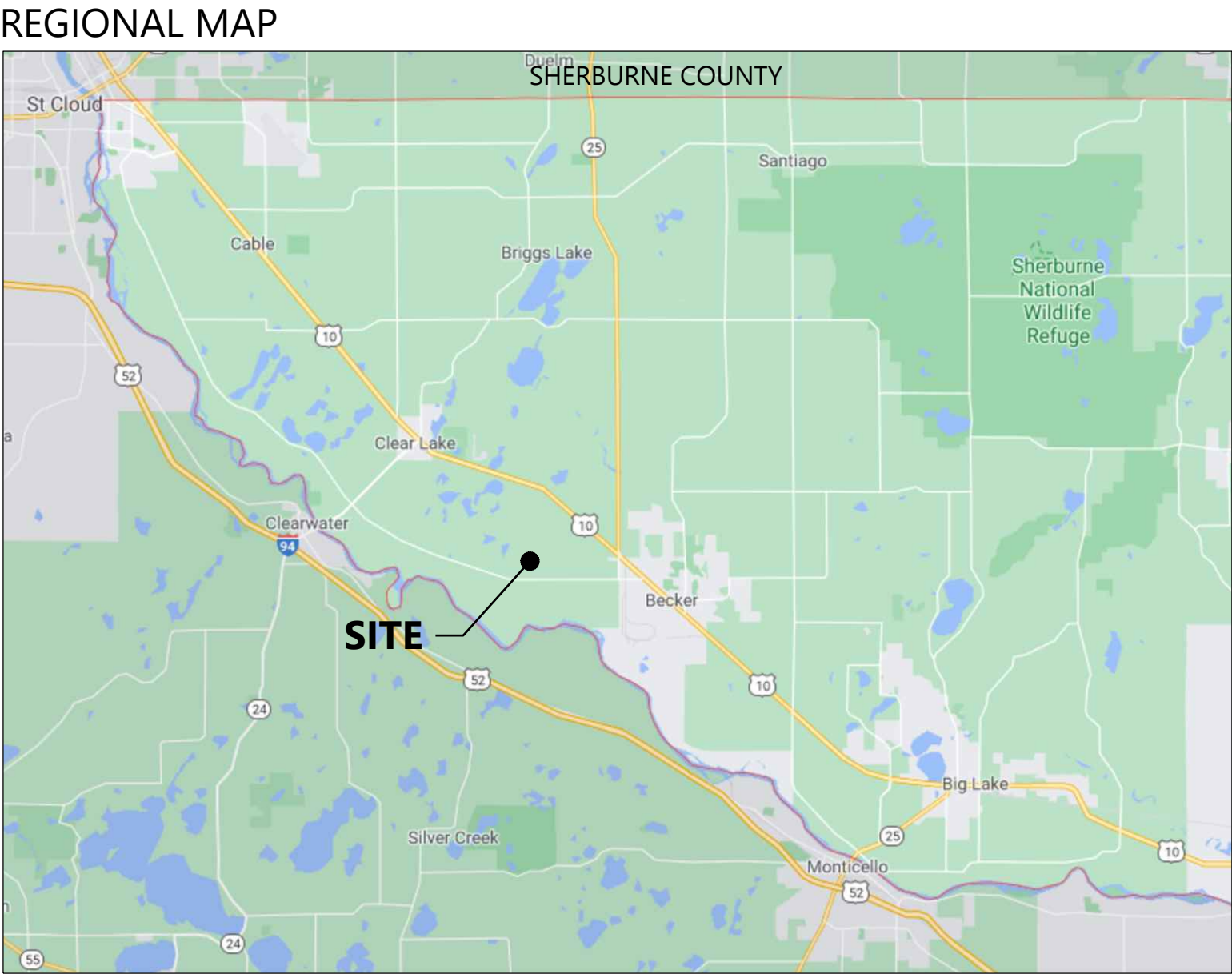


Sherco Solar Project

Sherburne County, MN

Preliminary Site Plan-Alternative 2

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C.500	Construction Notes



CONTACT INFORMATION			
CONSULTANT	COMPANY	NAME	PHONE NUMBER
OWNER	NORTHERN STATES POWER (XCEL ENERGY)	AARON BRIXIUS	(763) 261-3802
DEVELOPER	NATIONAL GRID RENEWABLES	JOHN STROM	(952) 300-9483
ENGINEERING MANAGER	WESTWOOD	MATT WESSALE	(952) 697-5772
CIVIL ENGINEER	WESTWOOD	DAVE KELEHER	(952) 906-7409
ELECTRICAL ENGINEER	WESTWOOD	DOUG MUTCHER	(952) 697-5709
ELECTRICAL PROJECT MANAGER	WESTWOOD	BRIAN CARROLL	(704) 885-7048

Westwood

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Sherburne County, MN

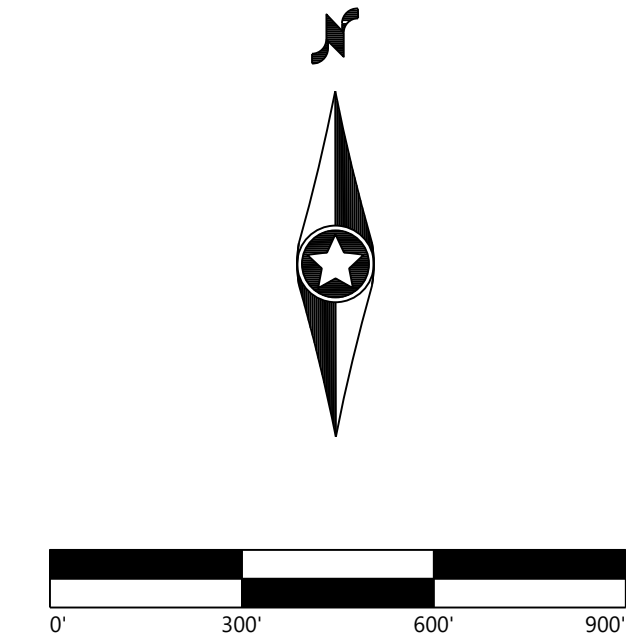
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DATE: 11/17/2021

SHEET: T.100

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- LEGEND:
- PROJECT BOUNDARY
 - SECTION LINES
 - RIGHT-OF-WAY LINES
 - EASEMENT LINES
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - EX. TREELINE
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. FENCE
 - EX. OVERHEAD POWER
 - EX. WETLAND
 - EX. PUBLIC WATERBODY
 - EX. RAILROAD
 - EX. IRRIGATION LINE
 - EX. GAS LINE
 - EX. UNDERGROUND CABLE

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Sherburne County, MN

Existing
Conditions - 1

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DATE: 11/17/2021

SHEET: C.100



- LEGEND:**
- PROJECT BOUNDARY
 - SECTION LINES
 - RIGHT-OF-WAY LINES
 - EASEMENT LINES
 - EX. TREELINE
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. IRRIGATION LINES
 - EX. STRUCTURE
 - EX. RAILROAD
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. UNDERGROUND CABLE
 - EX. UTILITY CABLE
 - EX. WETLAND
 - EX. PUBLIC WATERBODY
 - PROPOSED SOLAR ARRAY
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 - PROPOSED LAYDOWN YARD

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nationalgrid
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Sherco Solar Project

Sherburne County, MN

Overall Site Plan

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DATE: 11/17/2021

SHEET: C.200

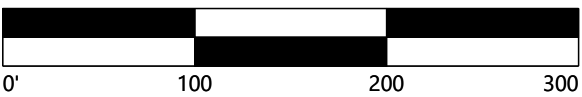
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	DATE	COMMENT
A	11/17/2021	CIVIL 30% PLANS

	PROJECT BOUNDARY
	SECTION LINES
	RIGHT-OF-WAY LINES
	EASEMENT LINES
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. TREELINE
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. RAILROAD LINE
	EX. FENCE
	EX. ABOVE-GROUND IRRIGATION (SEE NOTE 7)
	EX. OVERHEAD POWER
	EX. GAS LINE
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	EX. PUBLIC WATERBODY
	TREES TO BE CLEARED
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	PROPOSED MODULE SETBACK
	PROPOSED ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED SECURITY FENCE
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED LAYDOWN YARD
	UNDERGROUND COLLECTION
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	PROPOSED INTERVAL CONTOUR
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7. EXISTING ABOVE-GROUND CENTERPIVOT IRRIGATION SYSTEMS TO BE REMOVED IN PV ARRAY AREAS. THE LOCATION OF PRIVATE SUBSURFACE IRRIGATION COMPONENTS ARE UNKNOWN.



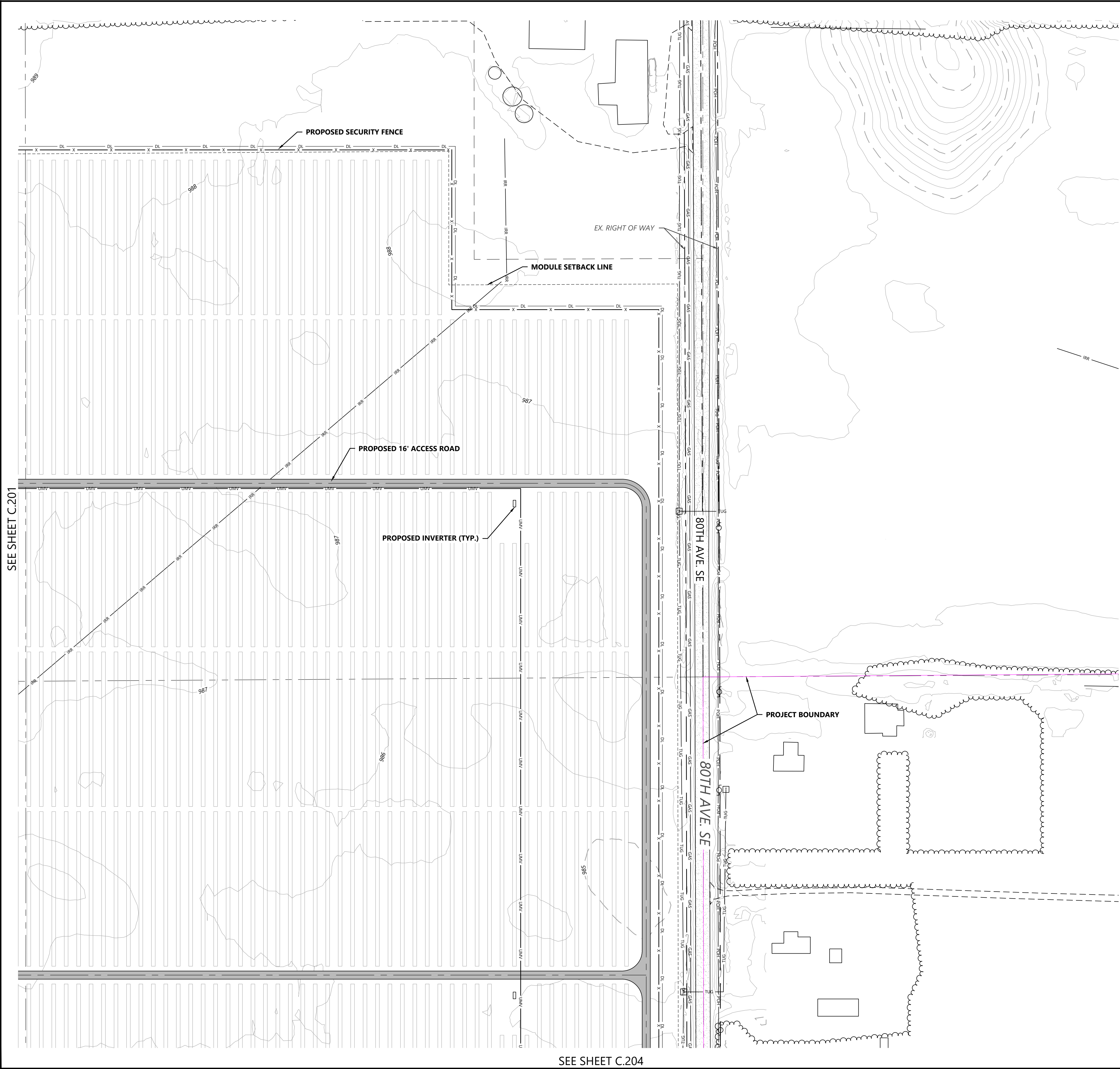
Sherburne County, MN

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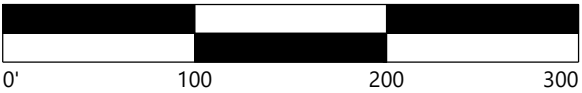
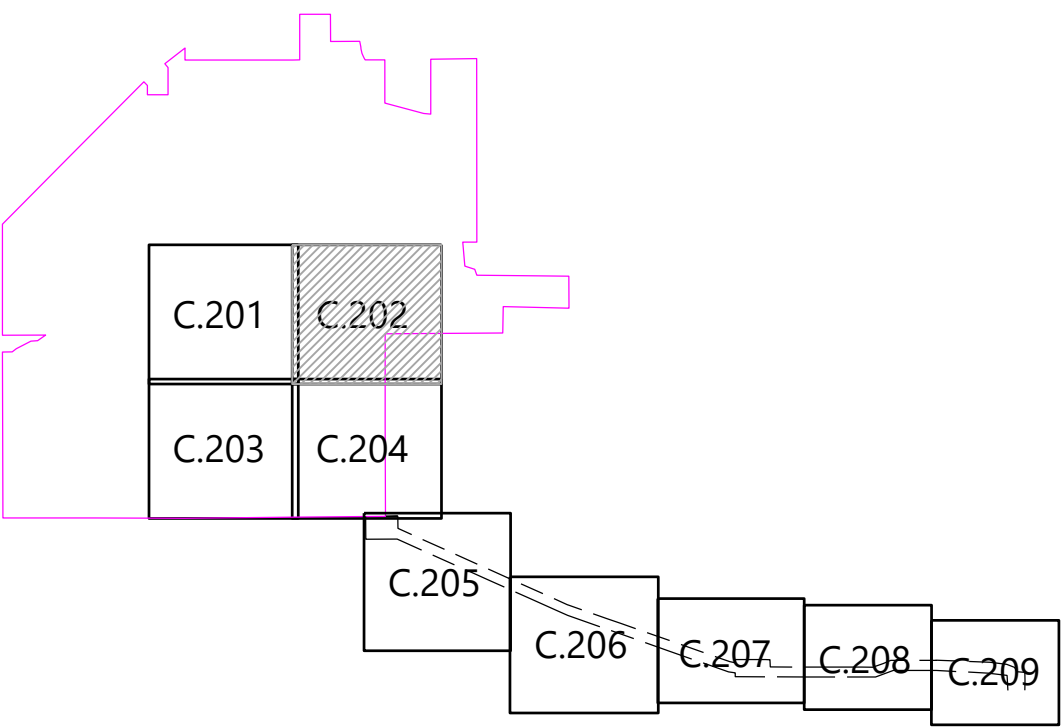
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LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
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KEY MAP:



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Sherco Solar Project

Sherburne County, MN

Site Plan - 2

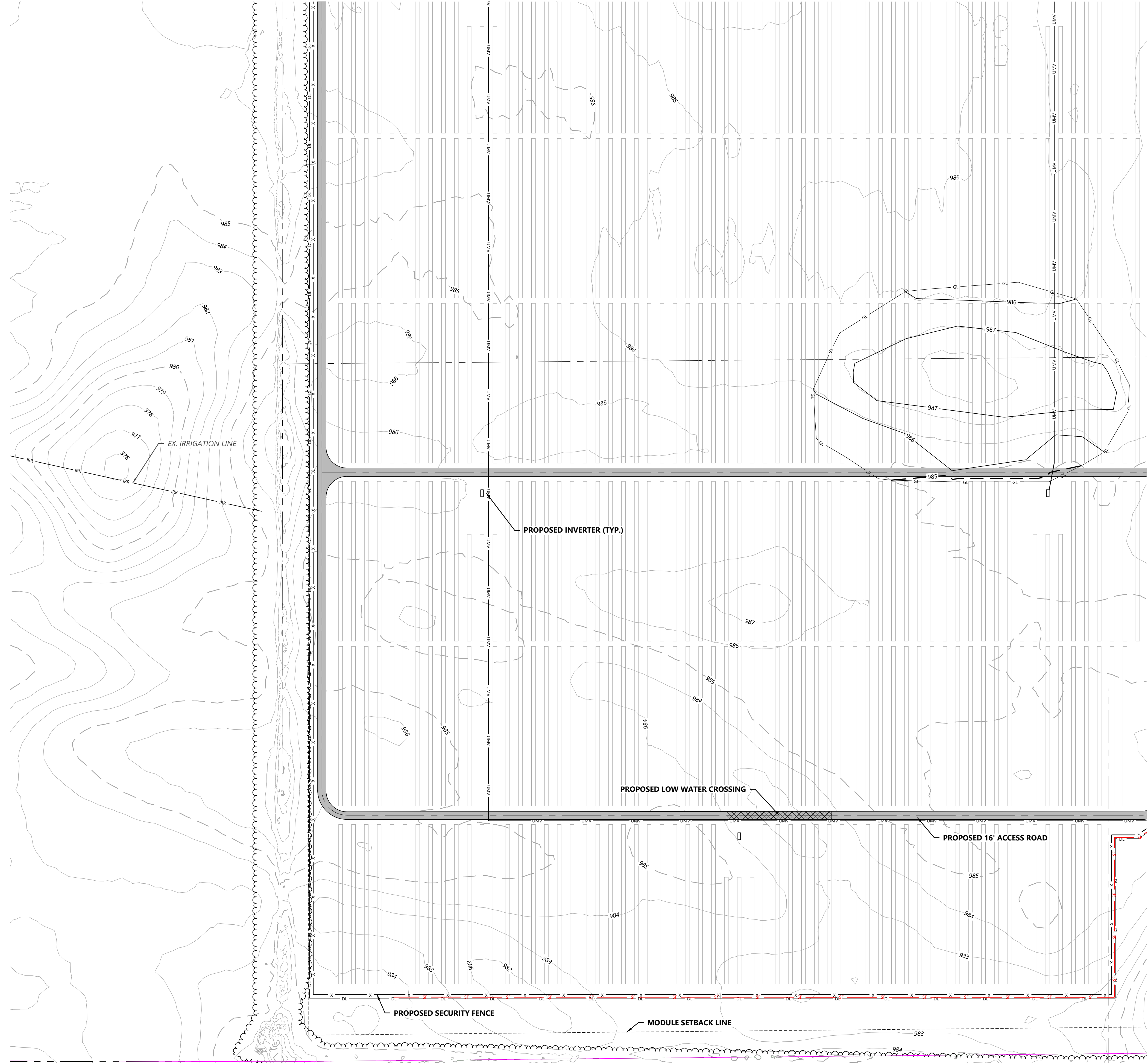
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DATE: 11/17/2021

SHEET: C.202

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SEE SHEET C.201



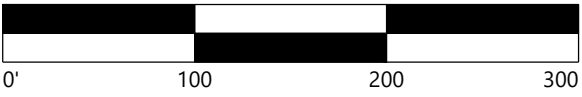
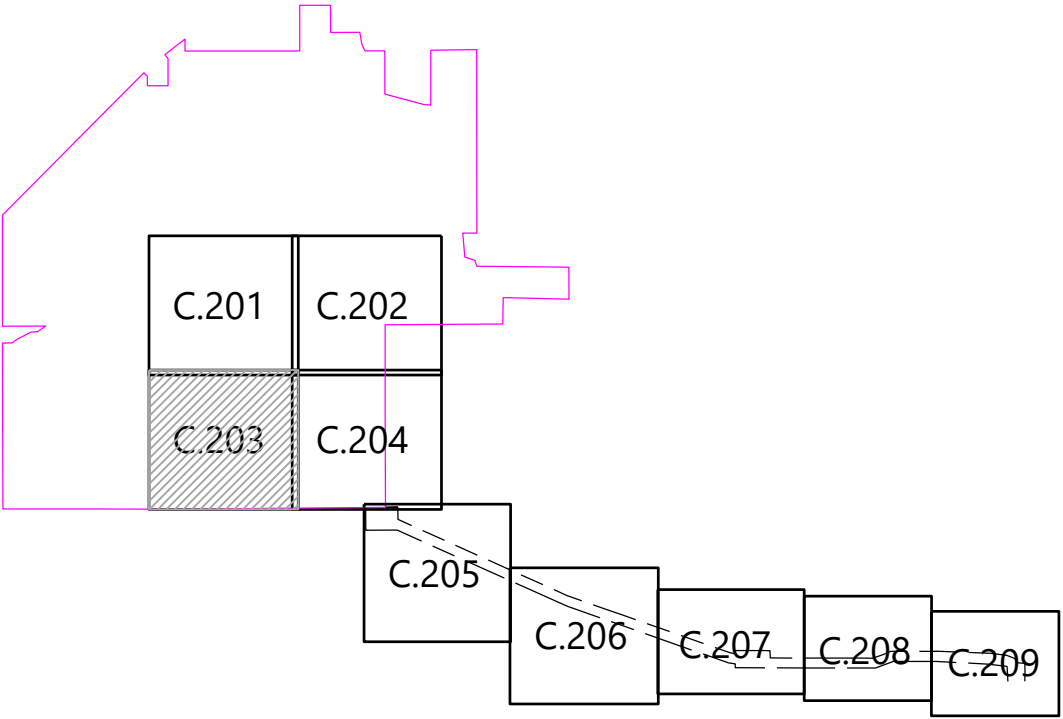
SEE SHEET C.204

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
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Sherco Solar Project

Sherburne County, MN

Site Plan - 3

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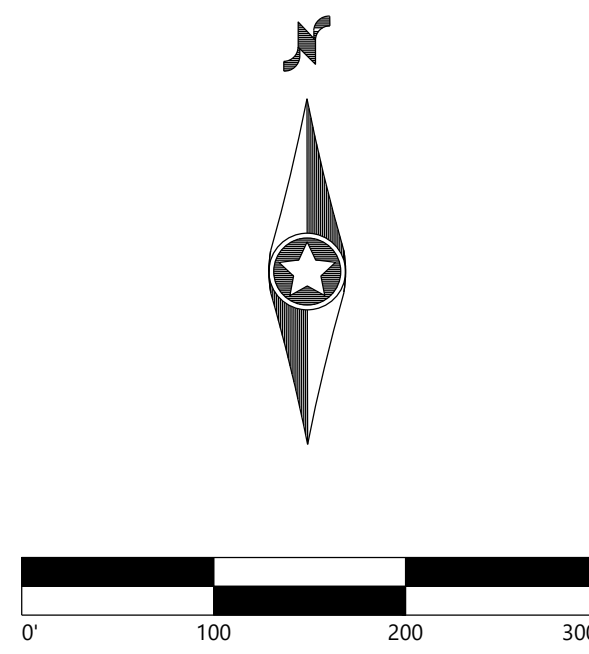
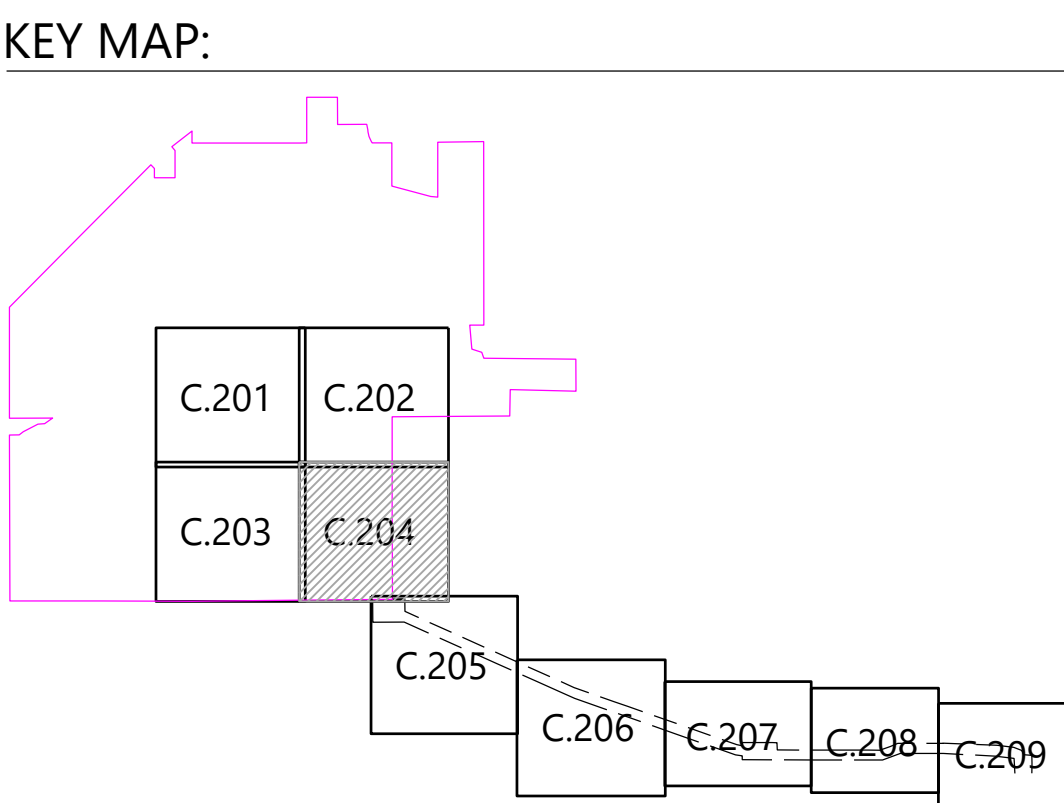
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SHEET: C.203



- LEGEND:**
- PROJECT BOUNDARY
 - SECTION LINES
 - RIGHT-OF-WAY LINES
 - EASEMENT LINES
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - EX. TREELINE
 - EX. PAVED ROAD
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Sherburne County, MN

Site Plan - 4

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DATE: 11/17/2021

SHEET: C.204

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Site Plan - 5

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DATE: 11/17/2021

SHEET: C.205

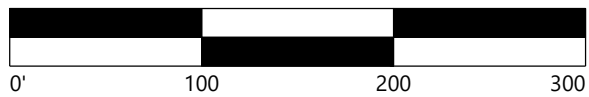
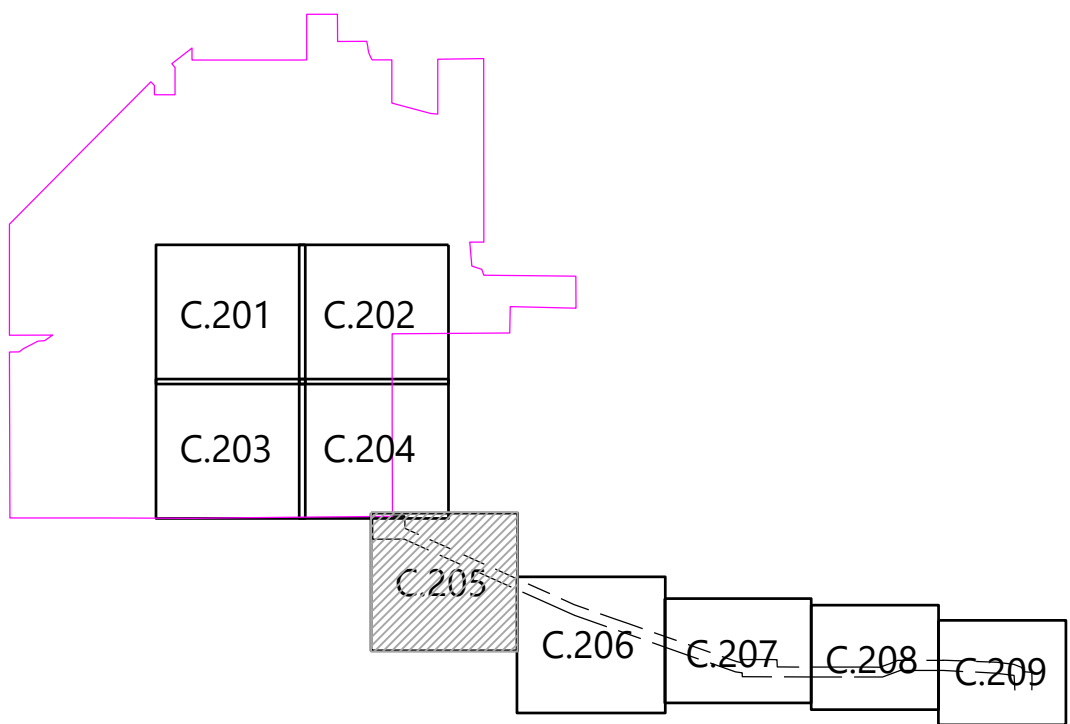
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	EX. INTERVAL CONTOUR
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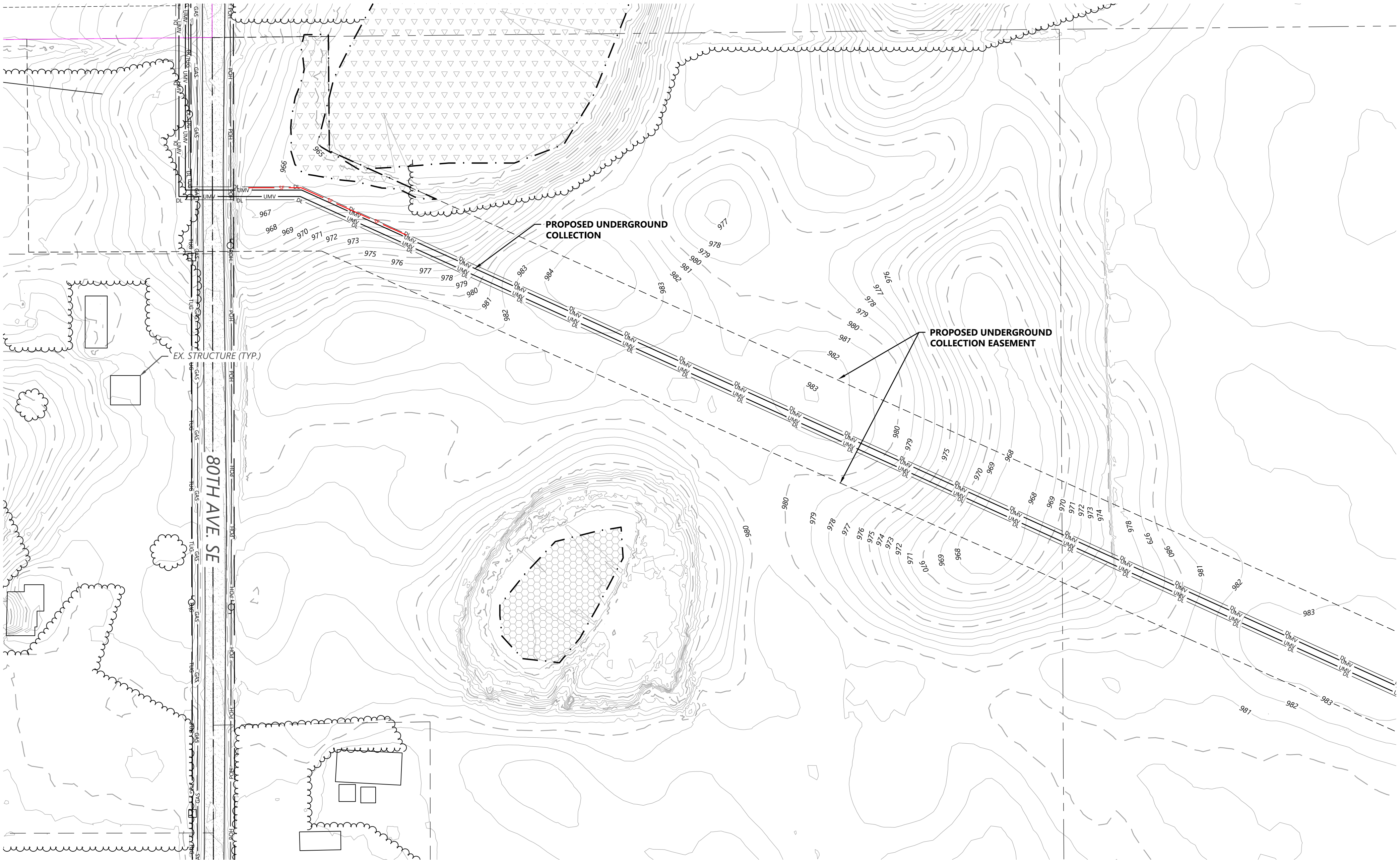
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KEY MAP:



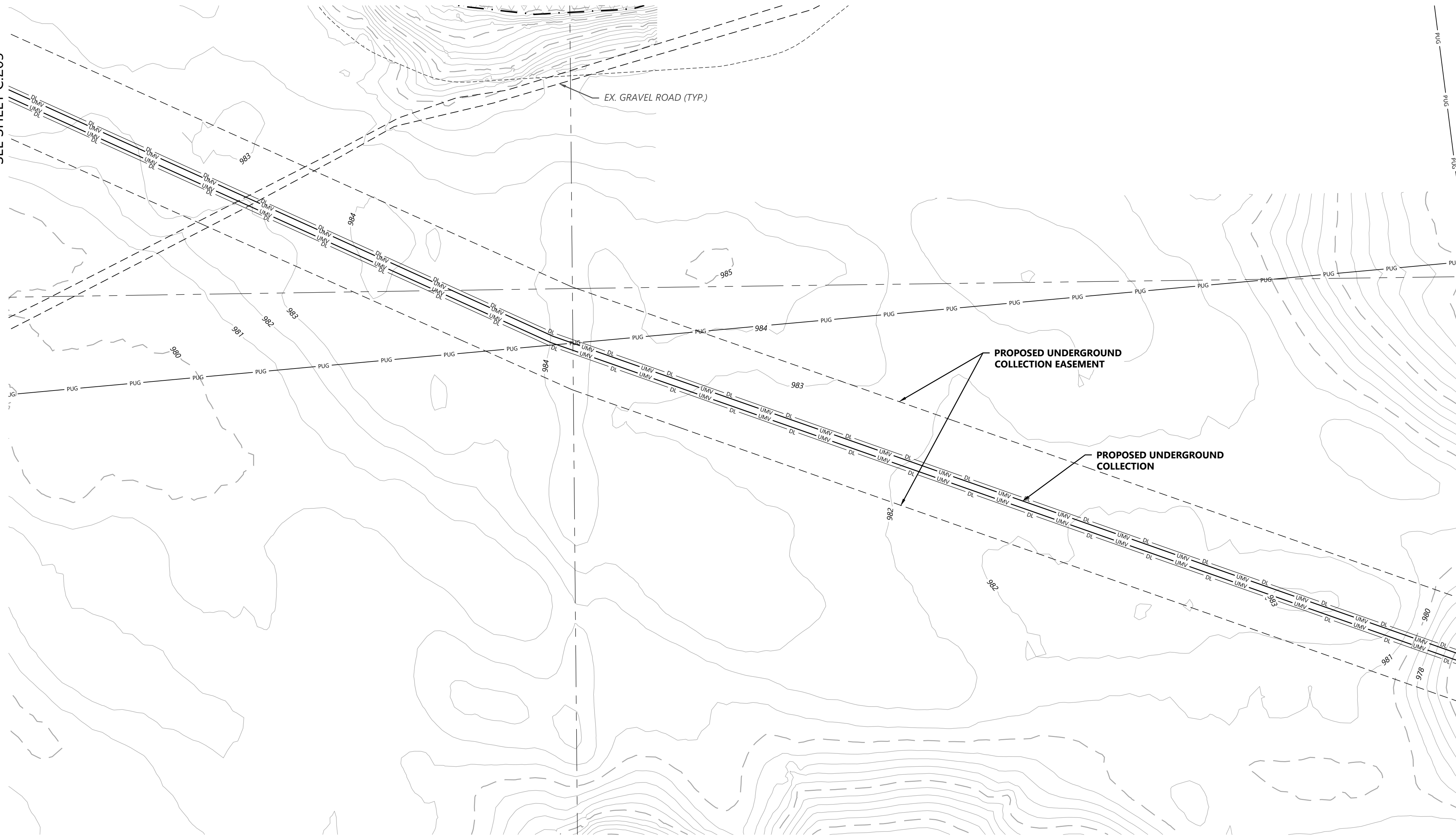
SEE SHEET C.204



SEE SHEET C.206

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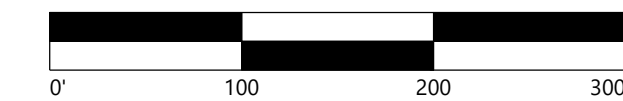
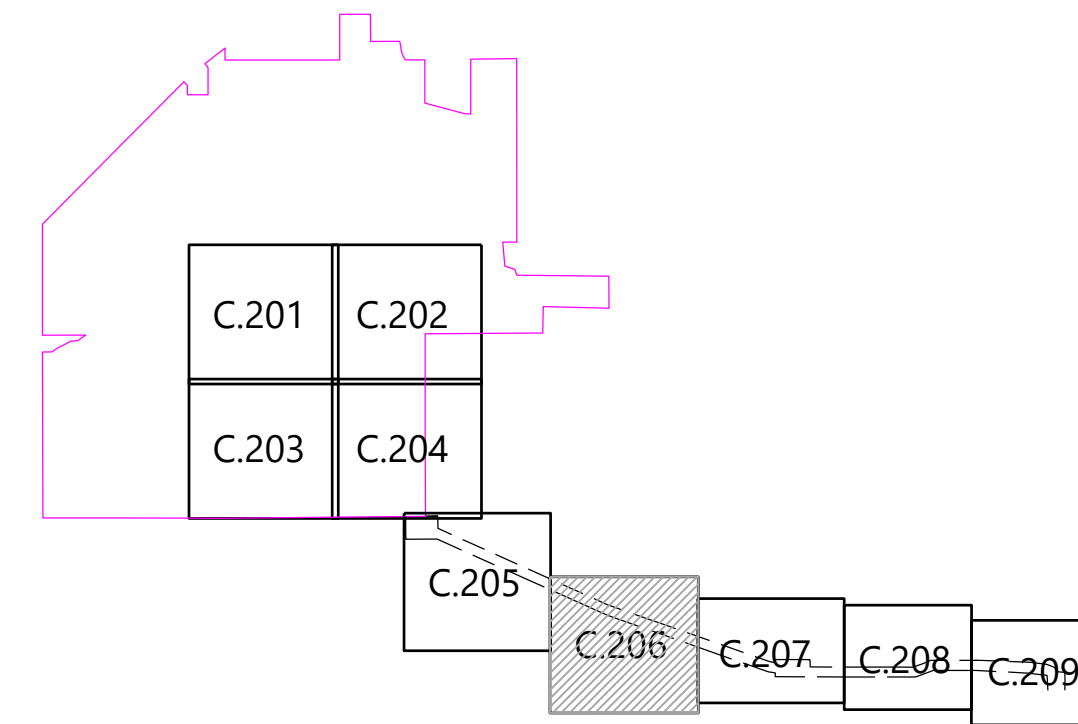
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- SECTION LINES
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- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
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KEY MAP:

SEE SHEET C.207



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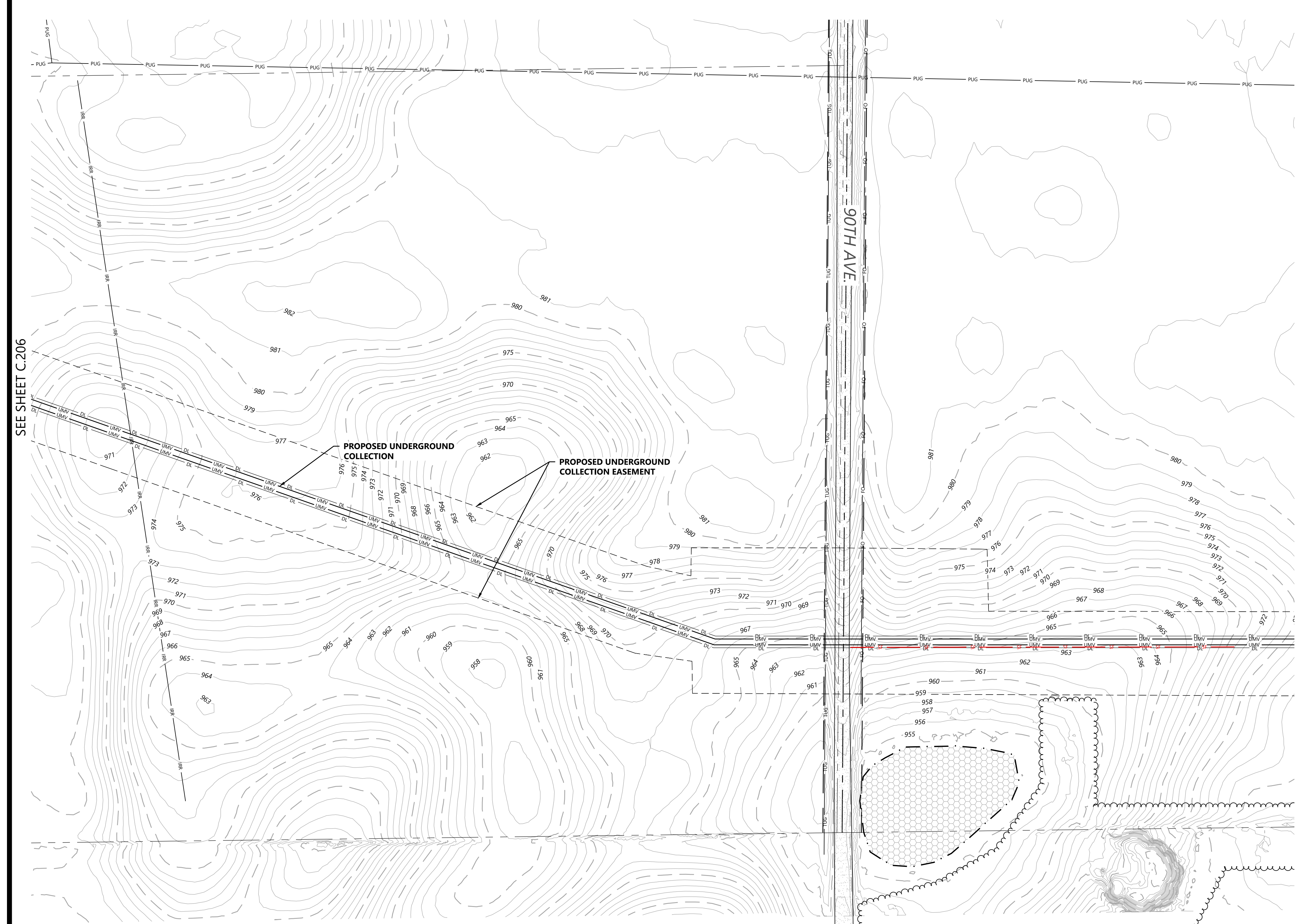
Sherburne County, MN

Site Plan - 6

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DATE: 11/17/2021

SHEET: C.206



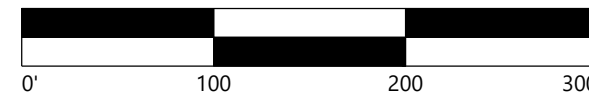
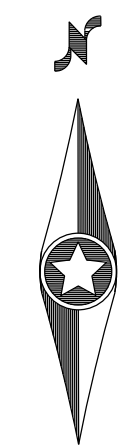
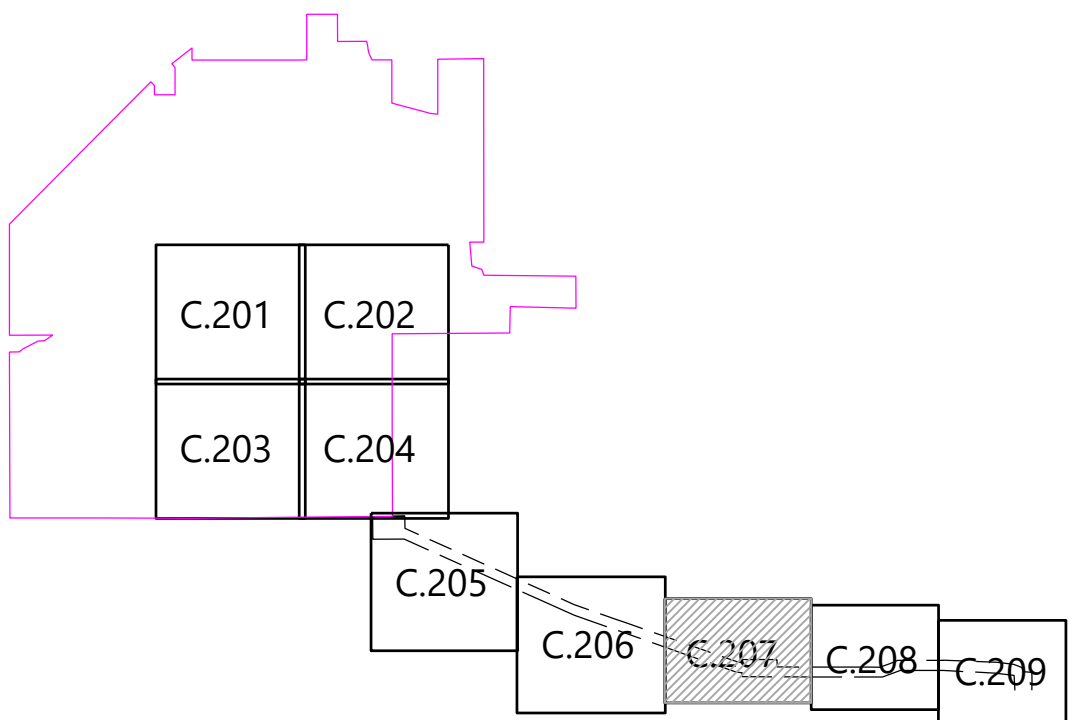
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SEE SHEET C.208

- LEGEND:
- PROJECT BOUNDARY
 - SECTION LINES
 - RIGHT-OF-WAY LINES
 - EASEMENT LINES
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - EX. TREELINE
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. RAILROAD LINE
 - EX. FENCE
 - EX. ABOVE-GROUND IRRIGATION (SEE NOTE 7)
 - EX. OVERHEAD POWER
 - EX. GAS LINE
 - EX. UNDERGROUND CABLE
 - EX. WETLAND
 - EX. PUBLIC WATERBODY
 - TREES TO BE CLEARED
 - PROPOSED SOLAR ARRAY
 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
 - PROPOSED LOW WATER CROSSING
 - PROPOSED SECURITY FENCE
 - PROPOSED ELECTRICAL EQUIPMENT
 - PROPOSED LAYDOWN YARD
 - UNDERGROUND COLLECTION
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED GRADING LIMITS
 - PROPOSED PERIMETER SEDIMENT CONTROL
 - PROPOSED OVERHEAD TRANSMISSION LINE
 - PROPOSED DISTURBANCE LINE

- NOTES:
- CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - 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 FOR SOLAR PANEL INSTALLATION.
 - ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 - A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 - EXISTING ABOVE-GROUND CENTERPIVOT IRRIGATION SYSTEMS TO BE REMOVED IN PV ARRAY AREAS. THE LOCATION OF PRIVATE SUBSURFACE IRRIGATION COMPONENTS ARE UNKNOWN.

KEY MAP:



PREPARED FOR:

nationalgrid renewables

8400 NORMANDALE LAKE BLVD, STE 1200
BLOOMINGTON, MN 55437

REVISIONS:

#	DATE	COMMENT
A	11/17/2021	CIVIL 30% PLANS

Sherco Solar Project

Sherburne County, MN

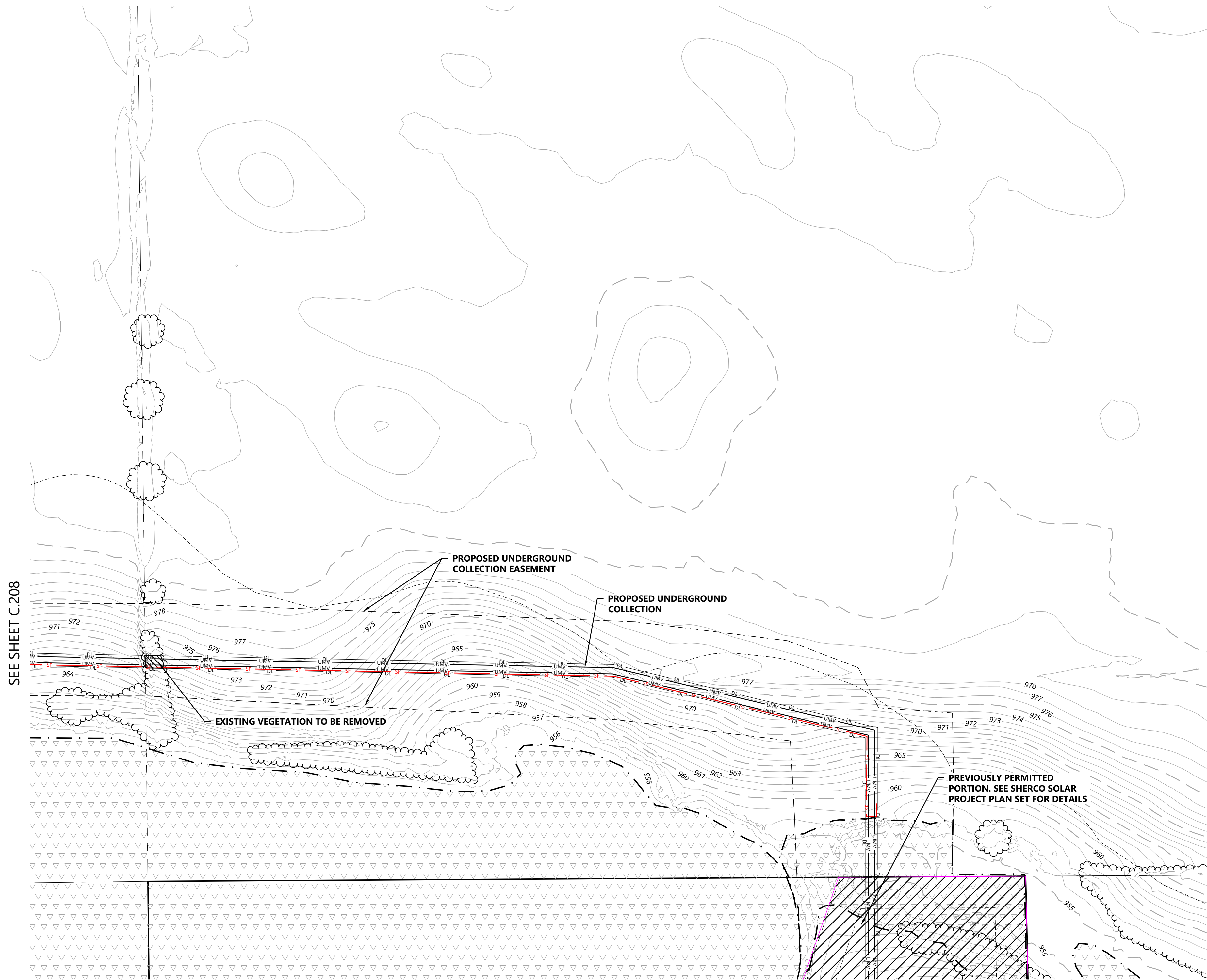
Site Plan - 7

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DATE: 11/17/2021

SHEET: C.207

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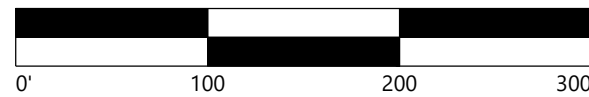
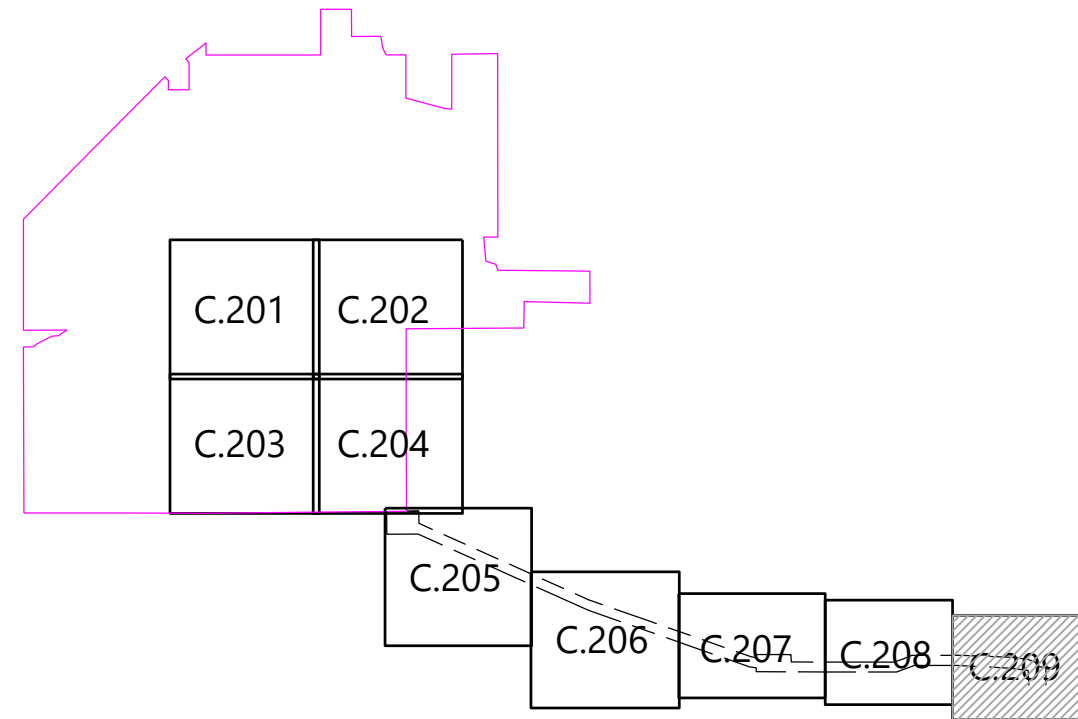
SEE SHEET C.208

LEGEND:

- PROJECT BOUNDARY
- SECTION LINES
- RIGHT-OF-WAY LINES
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. RAILROAD LINE
- EX. FENCE
- EX. ABOVE-GROUND IRRIGATION (SEE NOTE 7)
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. UNDERGROUND CABLE
- EX. WETLAND
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- TREES TO BE CLEARED
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED LOW WATER CROSSING
- PROPOSED SECURITY FENCE
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED LAYDOWN YARD
- UNDERGROUND COLLECTION
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED GRADING LIMITS
- PROPOSED PERIMETER SEDIMENT CONTROL
- PROPOSED OVERHEAD TRANSMISSION LINE
- PROPOSED DISTURBANCE LINE

- NOTES:
- CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - 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 FOR SOLAR PANEL INSTALLATION.
 - ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 - A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 - EXISTING ABOVE-GROUND CENTERPIVOT IRRIGATION SYSTEMS TO BE REMOVED IN PV ARRAY AREAS. THE LOCATION OF PRIVATE SUBSURFACE IRRIGATION COMPONENTS ARE UNKNOWN.

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, STE 1200
BLOOMINGTON, MN 55437

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Sherco Solar Project

Sherburne County, MN

Site Plan - 9

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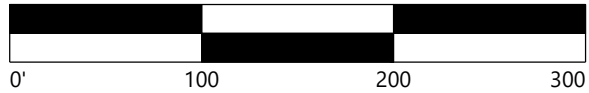
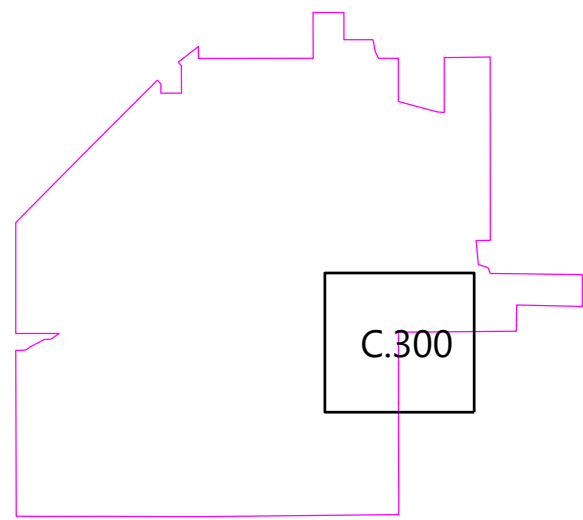
DATE: 11/17/2021

SHEET: C.209



- LEGEND:**
- PROJECT BOUNDARY
 - SECTION LINES
 - RIGHT-OF-WAY LINES
 - EASEMENT LINES
 - EX. TREELINE
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. RAILROAD LINE
 - EX. FENCE
 - EX. IRRIGATION LINE
 - EX. OVERHEAD POWER
 - EX. WETLAND
 - EX. PUBLIC WATERBODY
 - TREES TO BE CLEARED
 - PROPOSED SOLAR ARRAY
 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
 - PROPOSED LOW WATER CROSSING
 - PROPOSED SECURITY FENCE
 - PROPOSED ELECTRICAL EQUIPMENT
 - PROPOSED LAYDOWN YARD
 - PROPOSED CULVERT
 - PROPOSED OVERHEAD TRANSMISSION LINE
 - PROPOSED VEGETATIVE SCREENING
 - PROPOSED DISTURBANCE LIMITS

KEY MAP:



Westwood

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BLOOMINGTON, MN 55437

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Sherco Solar Project

Sherburne County, MN

Screening Plan - 1

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SHEET: C.300