

SEE SHEET C.311

SEE SHEET C.318

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

NOTES:

1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.

PROPOSED GRADING ESTIMATION: 907 AC

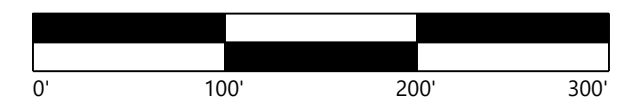
PREPARED FOR:



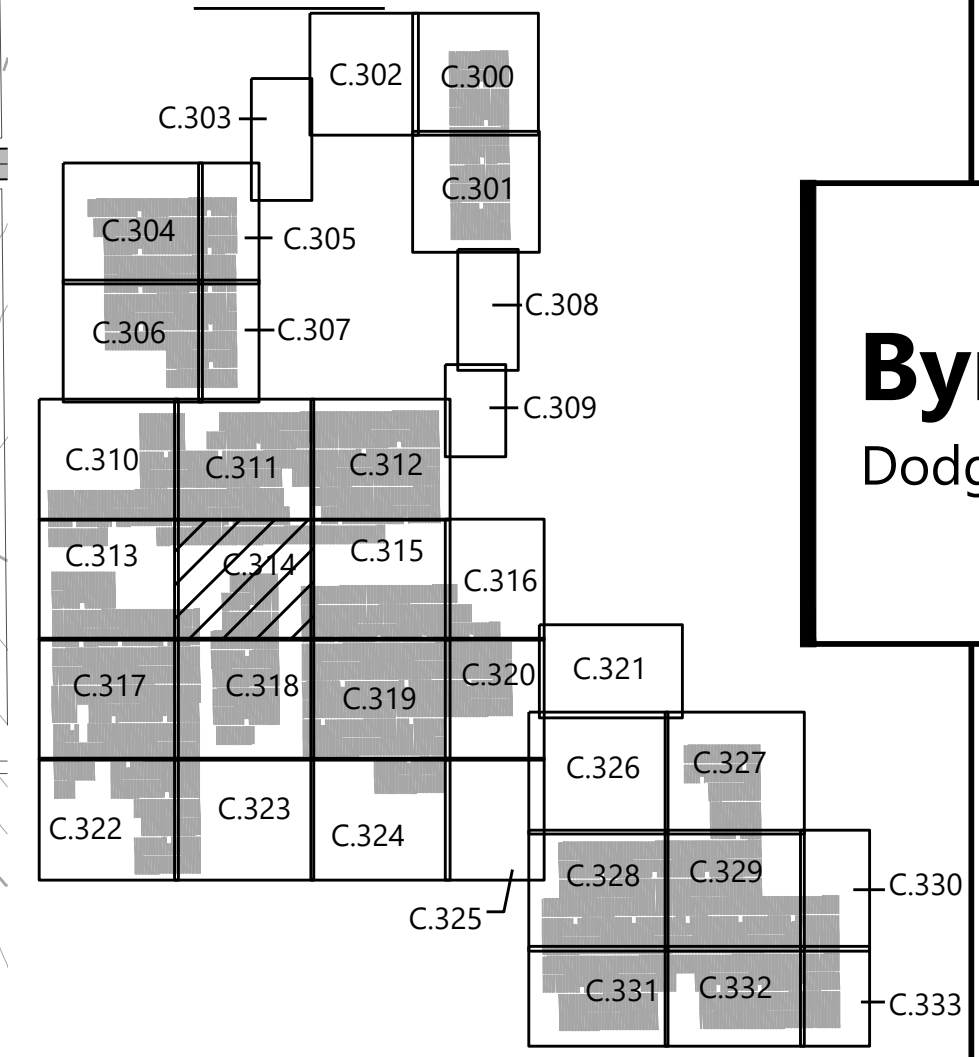
10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



KEY MAP



Byron Solar

Dodge County, MN

Civil Site Plan - 15

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.314

Westwood Professional Services, Inc. 4/21/2021 2:53 PM Kousart Foo

SEE SHEET C.312

SEE SHEET C.319

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

NOTES:

- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
- 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.
- 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.

PROPOSED GRADING ESTIMATION: 907 AC

Westwood

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

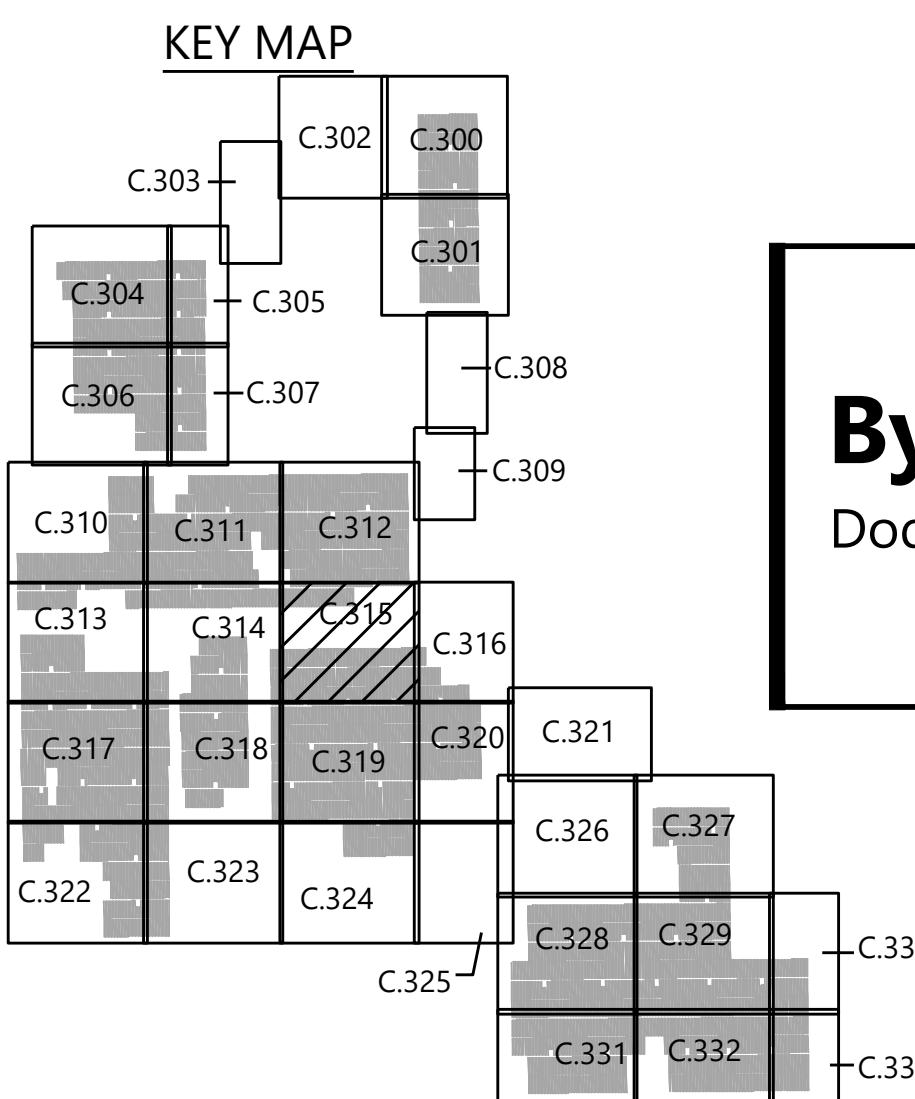
PREPARED FOR:

edf
renewables

10 Second St, NE Suite 400
Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



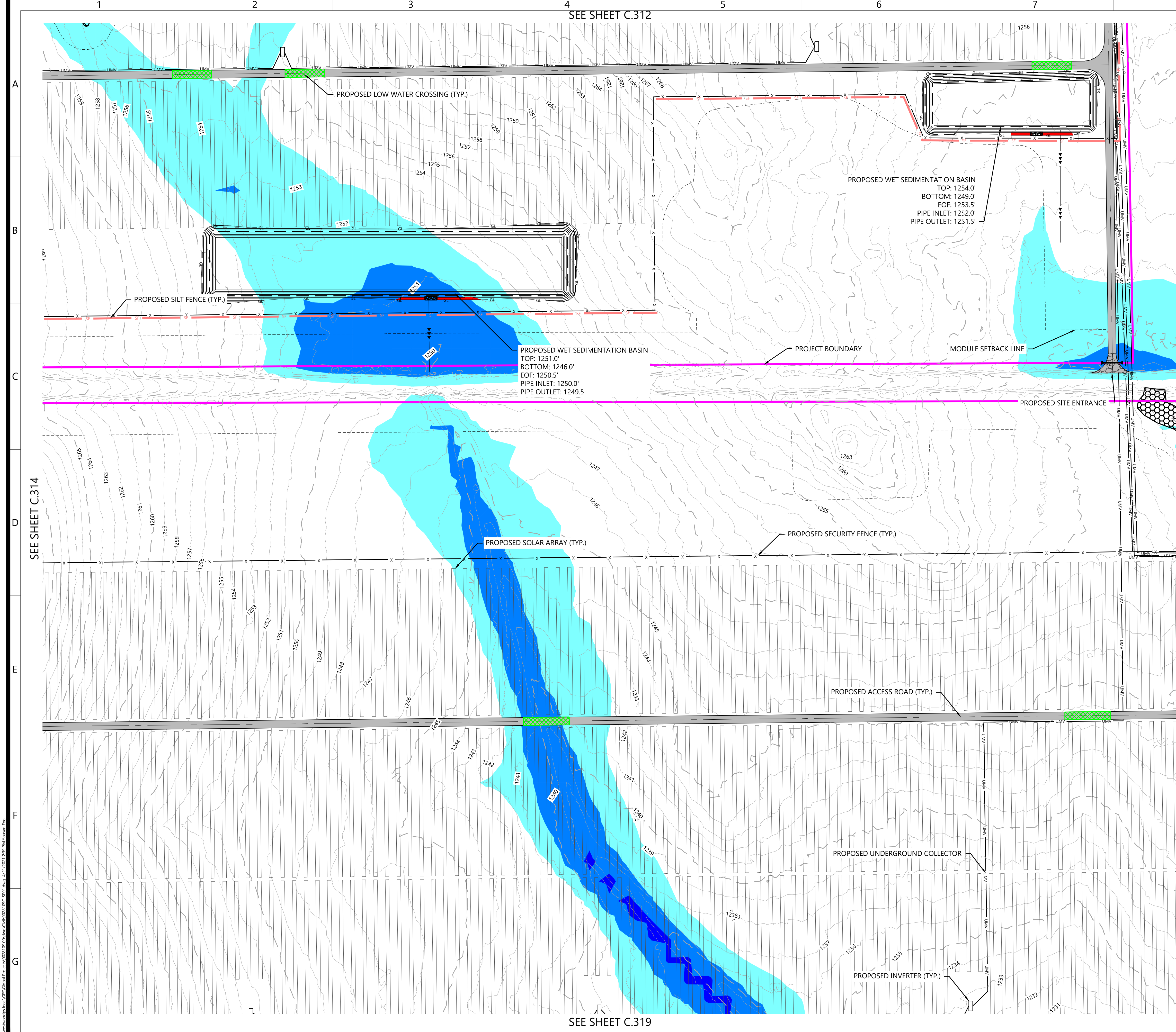
Byron Solar
Dodge County, MN

Civil Site Plan - 16

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.315




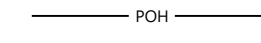


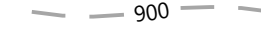


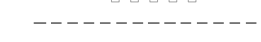
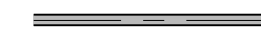
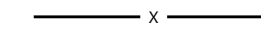
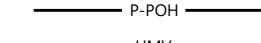
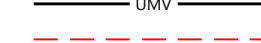



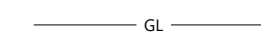
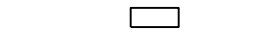
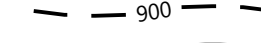

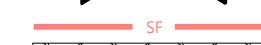








SEE SHEET C.314

SEE SHEET C.316

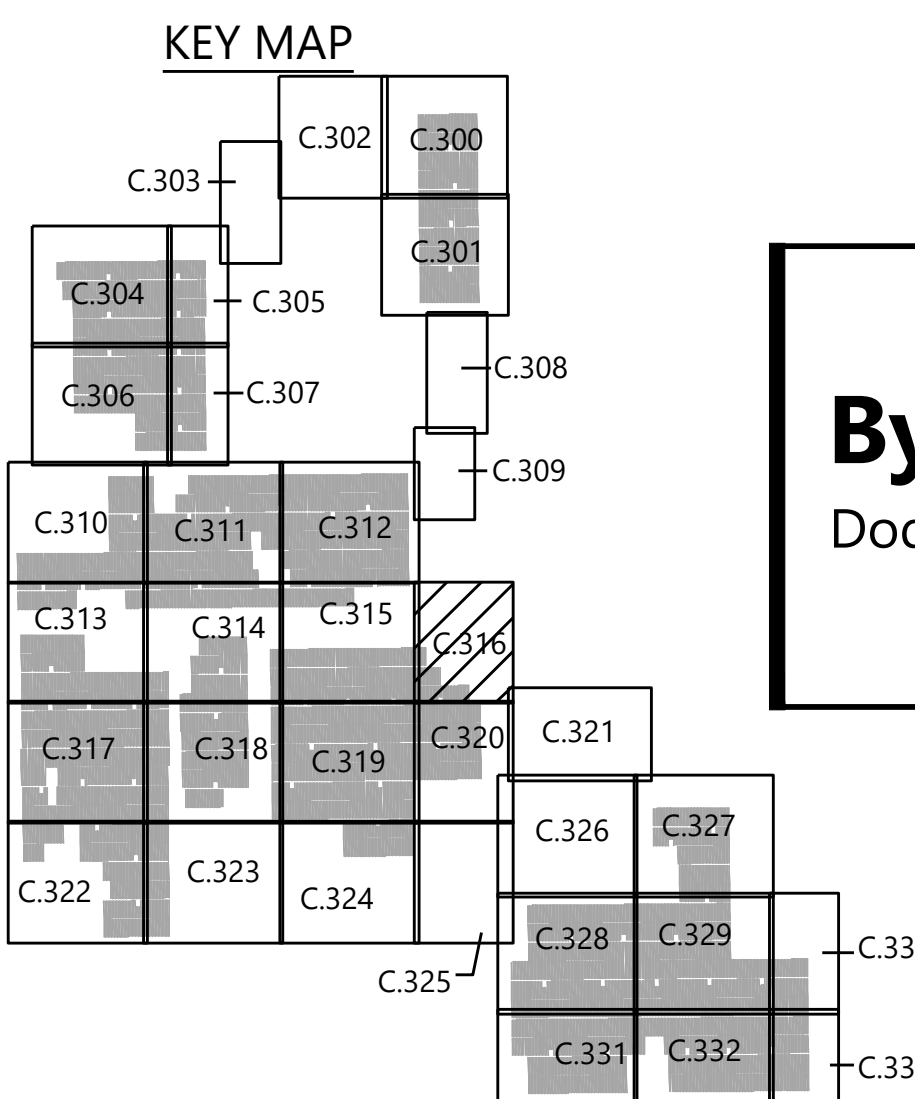
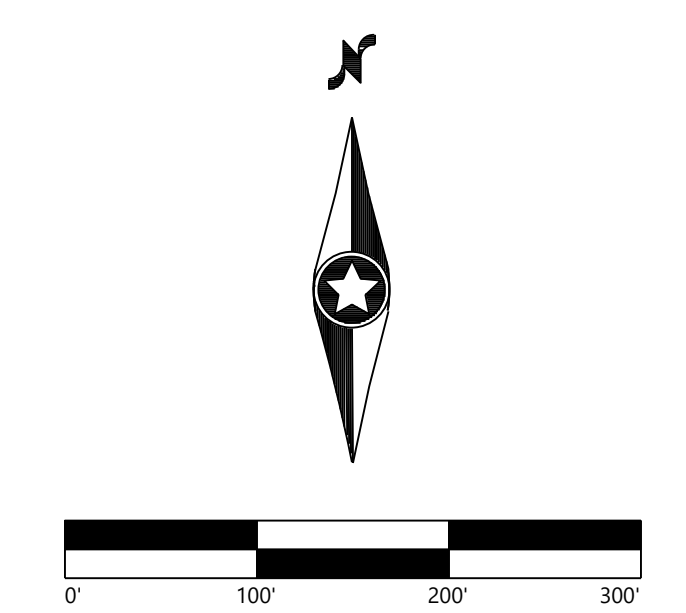
\\westwood\dfs\local\GIS\Projects\040319\040319_001\Drawings\4217\2021\2021_04_21\2021_04_21_16.dwg 2:59 PM 04/21/2021

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

- LEGEND:**
-  PROJECT BOUNDARY
 -  EX. OVERHEAD POWER
 -  EX. STREAM
 -  EX. WETLAND
 -  EX. INDEX CONTOUR
 -  EX. INTERVAL CONTOUR
 -  PROPOSED SOLAR ARRAY
 -  PROPOSED MODULE SETBACK
 -  PROPOSED ACCESS ROAD
 -  PROPOSED SECURITY FENCE
 -  PROPOSED HV OVERHEAD GEN-TIE LINE
 -  PROPOSED UNDERGROUND COLLECTOR
 -  PROPOSED EASEMENT LINE
 -  PROPOSED SUBSTATION
 -  PROPOSED LAYDOWN YARD
 -  PROPOSED GRADING LIMITS
 -  PROPOSED ELECTRICAL EQUIPMENT
 -  PROPOSED INDEX CONTOUR
 -  PROPOSED INTERVAL CONTOUR
 -  PROPOSED CULVERT
 -  PROPOSED SILT FENCE
 -  PROPOSED ROCK CONSTRUCTION ENTRANCE
 -  PROPOSED BERM
 -  PROPOSED OUTLET PIPE
 -  PROPOSED LOW WATER CROSSING
 -  FLOOD DEPTH 1.0'-2.0'
 -  FLOOD DEPTH 2.0'-3.0'
 -  FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

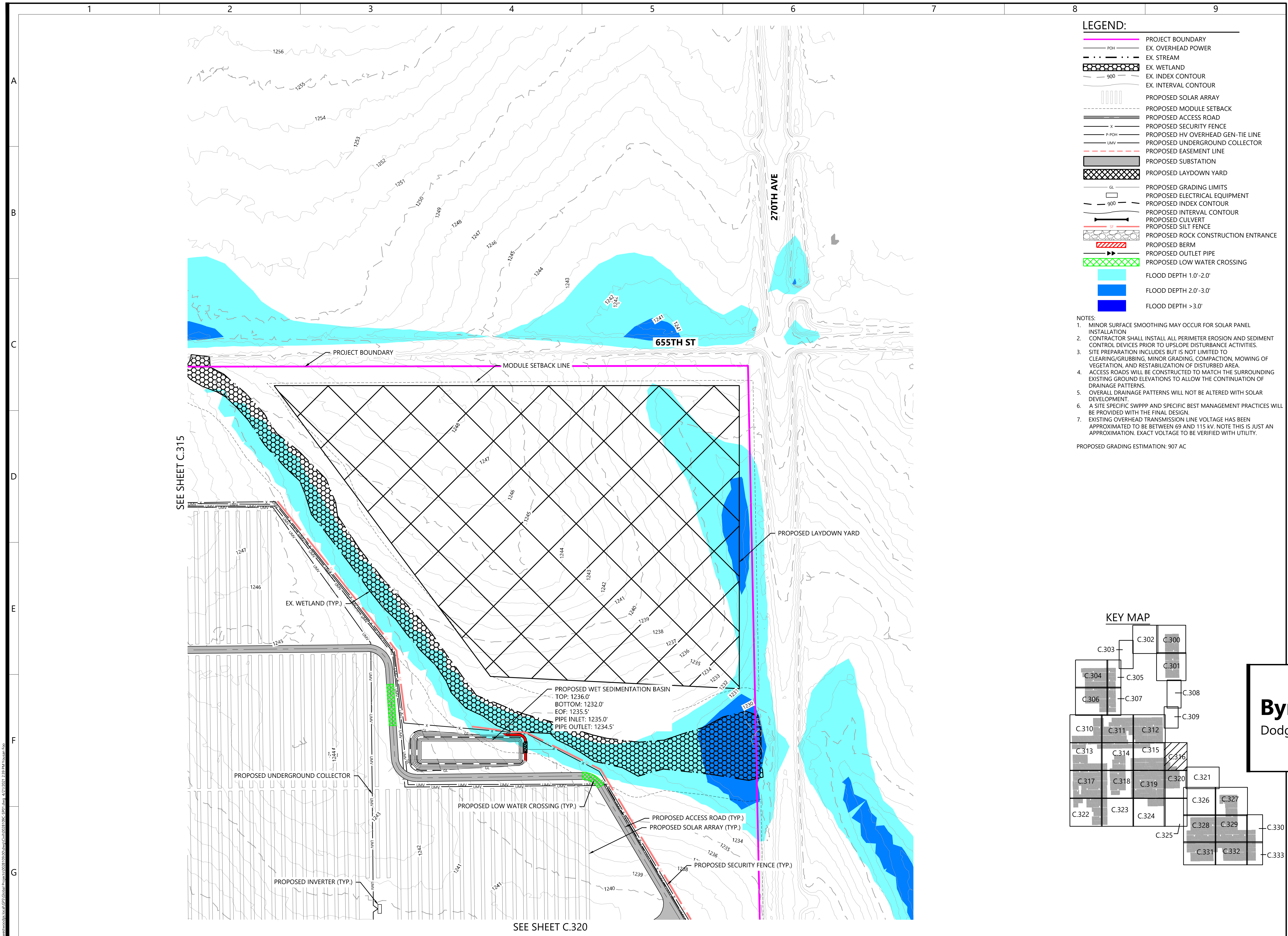


Byron Solar
 Dodge County, MN

Civil Site Plan - 17

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.316



www.westwoodps.com | G:\Projects\ByronSolar\Drawings\Civil\17.C.316.Civil.Site.Plan.dwg | 4/21/2021 | 2:59 PM | Westwood

SEE SHEET C.313

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

Westwood

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

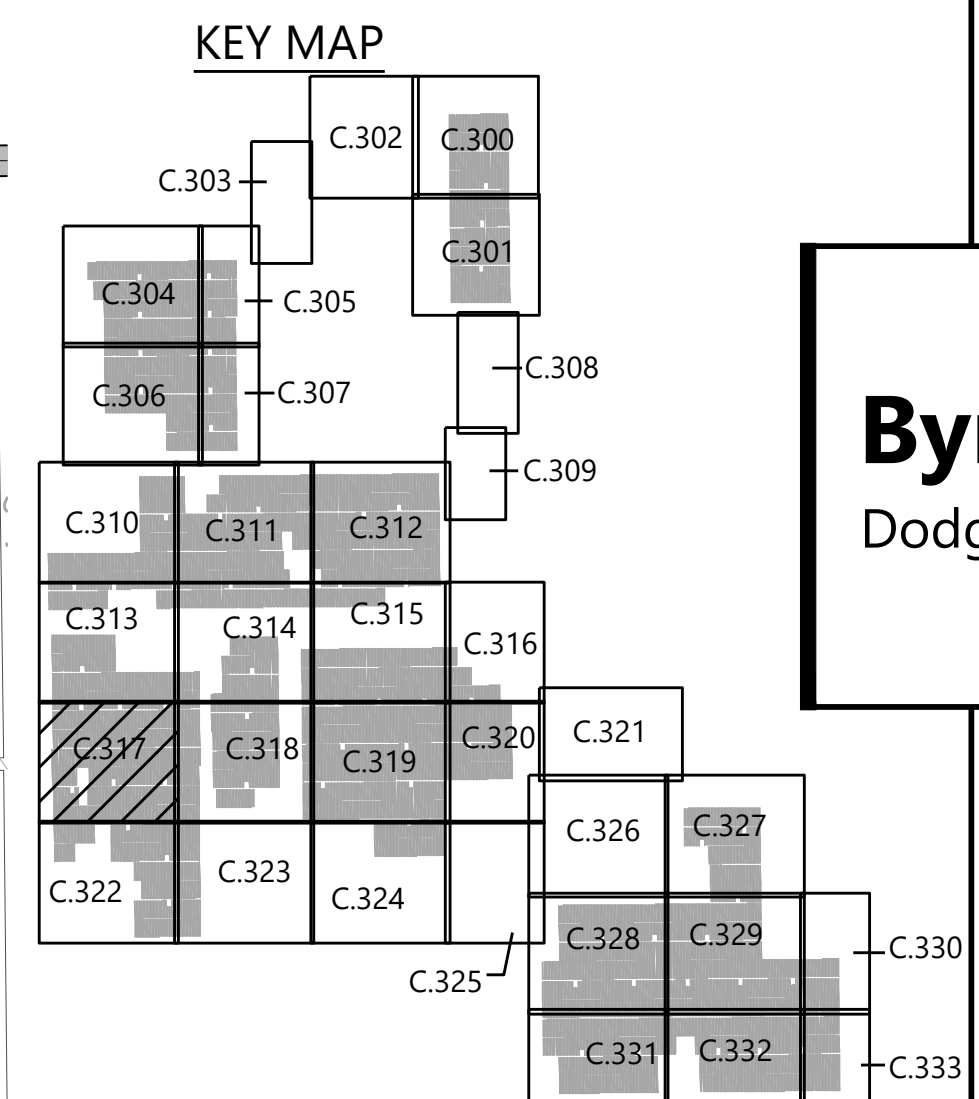
PREPARED FOR:

edf
renewables

10 Second St. NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 18

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.317



SEE SHEET C.322

Westwood Professional Services, Inc. 4/21/2021 2:59 PM Westwood

SEE SHEET C.314

SEE SHEET C.323

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

Westwood

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

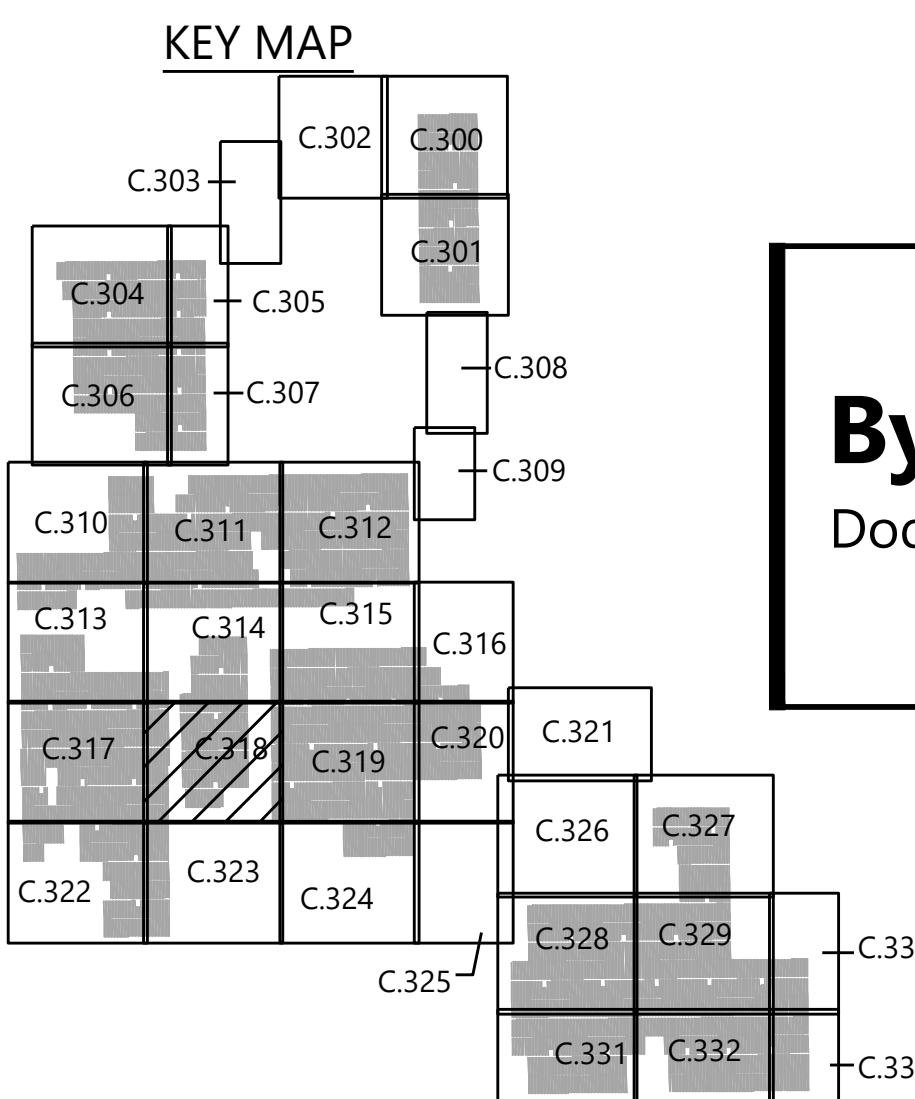
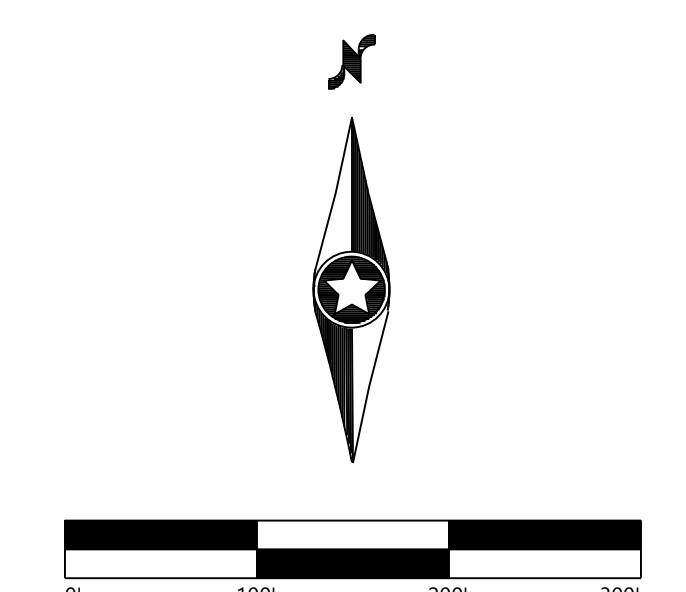
PREPARED FOR:

edf
renewables

10 Second St, NE Suite 400
Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



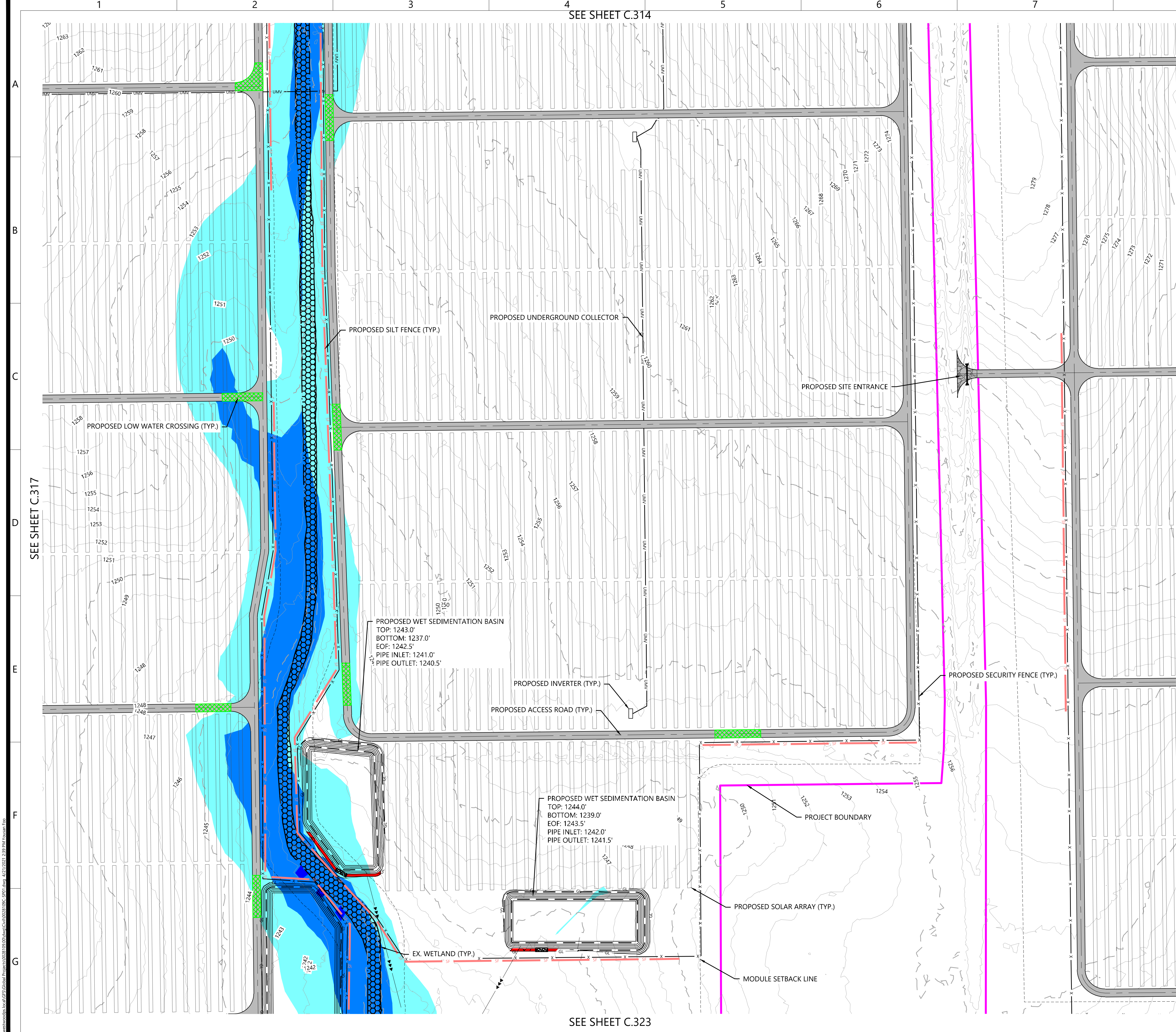
Byron Solar
Dodge County, MN

Civil Site Plan - 19

ISSUED FOR REVIEW

DATE: 04/21/2021

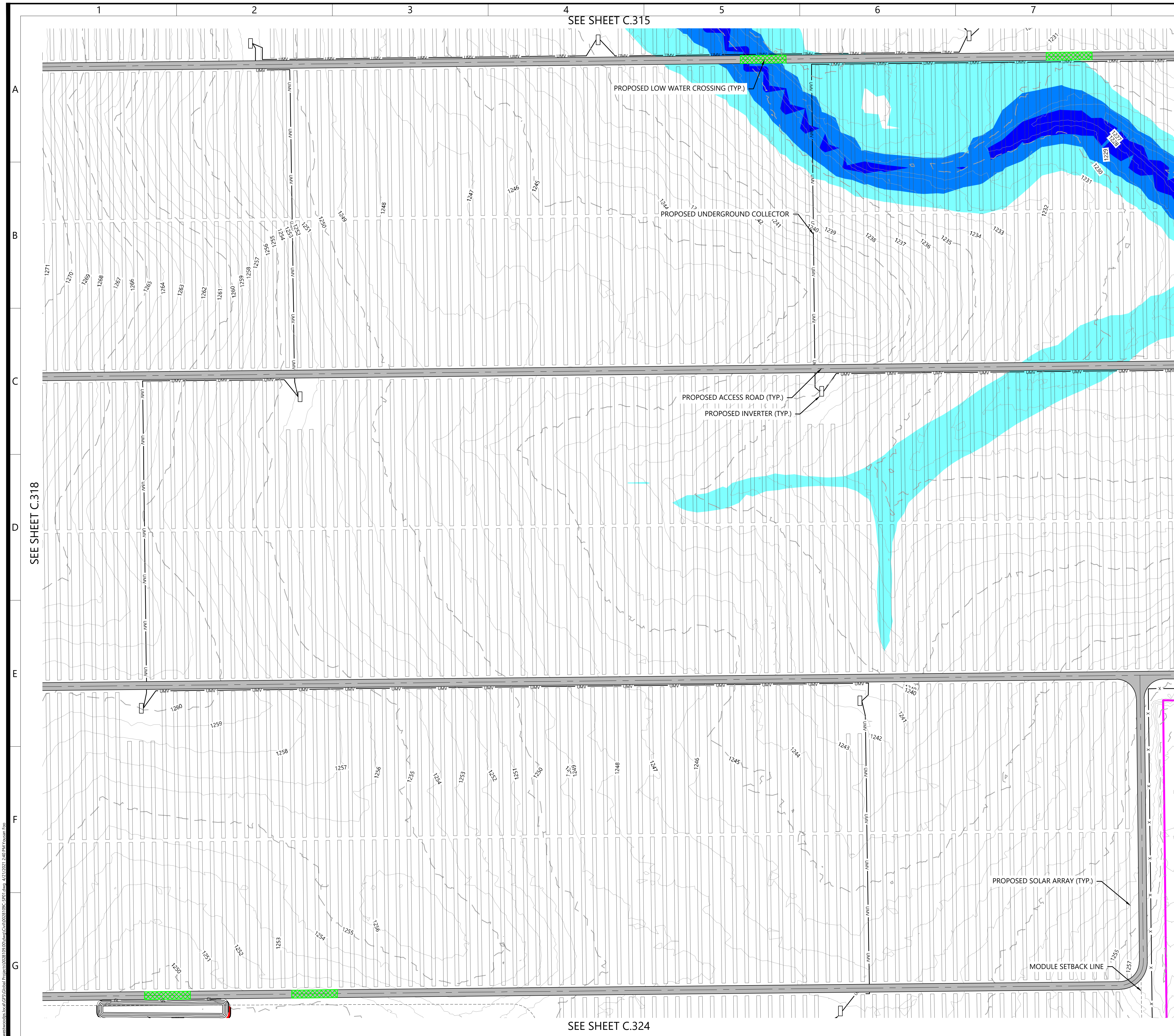
SHEET: C.318



SEE SHEET C.317

SEE SHEET C.319

4/21/2021 2:53 PM Westwood Pro



SEE SHEET C.315

SEE SHEET C.318

SEE SHEET C.324

LEGEND:

	PROJECT BOUNDARY
	EX. OVERHEAD POWER
	EX. STREAM
	EX. WETLAND
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	PROPOSED SOLAR ARRAY
	PROPOSED MODULE SETBACK
	PROPOSED ACCESS ROAD
	PROPOSED SECURITY FENCE
	PROPOSED HV OVERHEAD GEN-TIE LINE
	PROPOSED UNDERGROUND COLLECTOR
	PROPOSED EASEMENT LINE
	PROPOSED SUBSTATION
	PROPOSED LAYDOWN YARD
	PROPOSED GRADING LIMITS
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED INDEX CONTOUR
	PROPOSED INTERVAL CONTOUR
	PROPOSED CULVERT
	PROPOSED SILT FENCE
	PROPOSED ROCK CONSTRUCTION ENTRANCE
	PROPOSED BERM
	PROPOSED OUTLET PIPE
	PROPOSED LOW WATER CROSSING
	FLOOD DEPTH 1.0'-2.0'
	FLOOD DEPTH 2.0'-3.0'
	FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

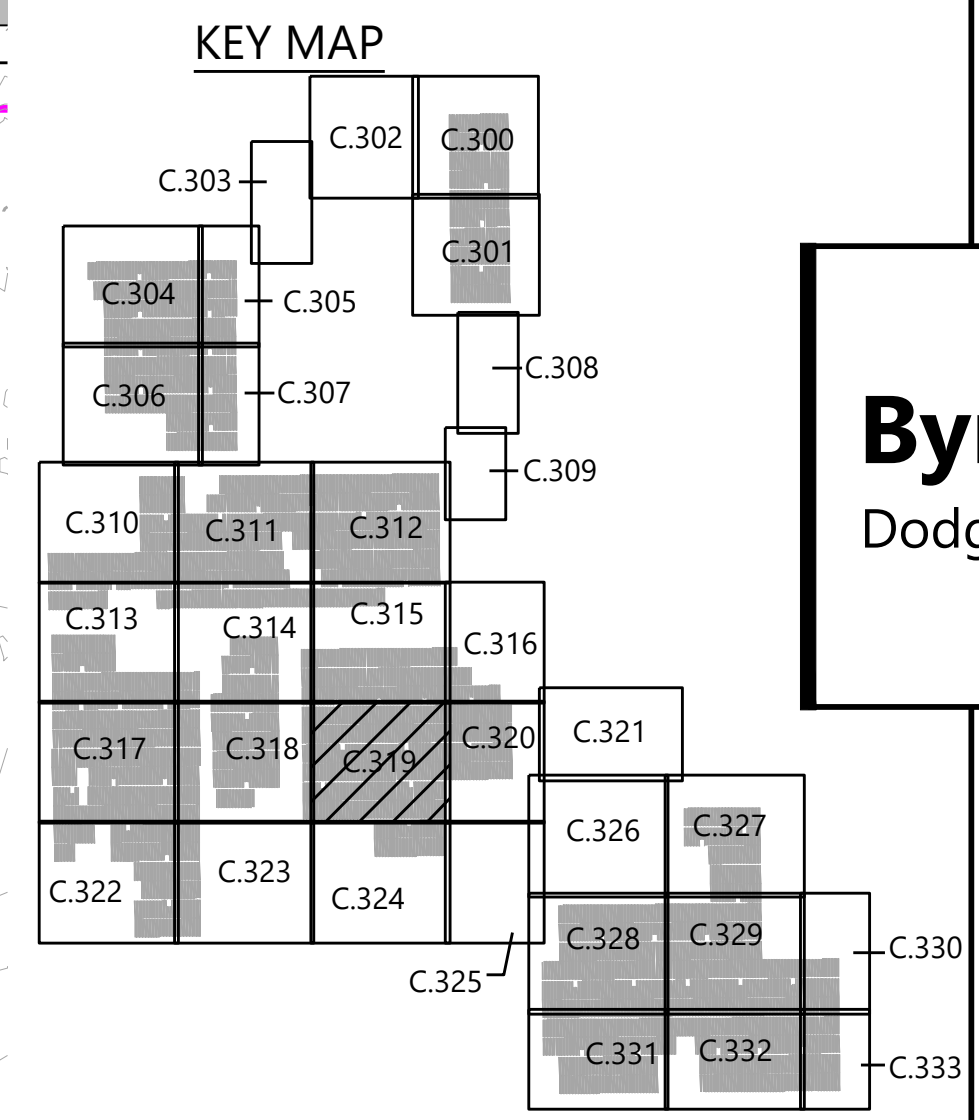
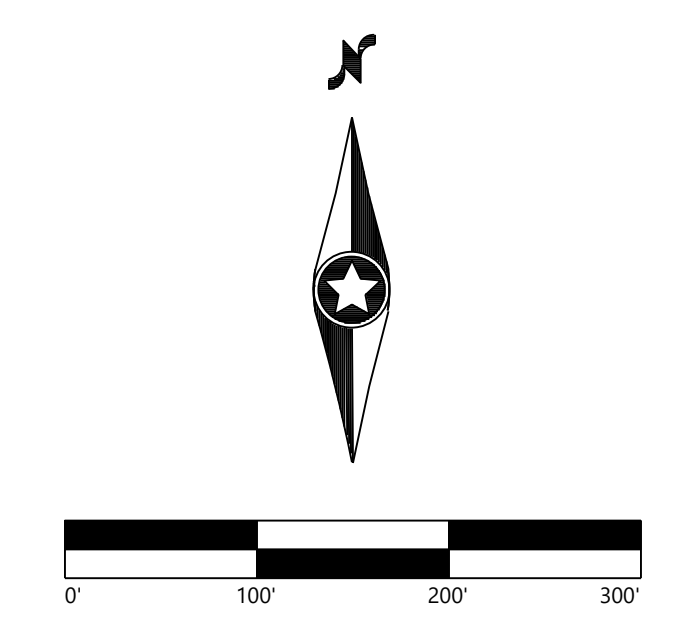
PREPARED FOR:

EDF
renewables

10 Second St, NE Suite 400
Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
Dodge County, MN

Civil Site Plan - 20

ISSUED FOR REVIEW


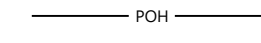


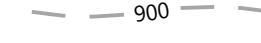


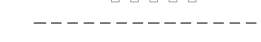
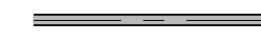
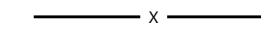
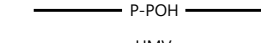
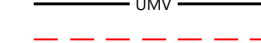



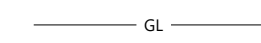
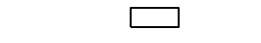
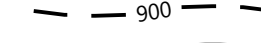

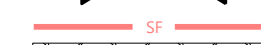








DATE: 04/21/2021
 SHEET: C.319

Westwood Professional Services, Inc. 12701 Whitewater Drive, Suite #300 Minneapolis, MN 55433
 Project: Byron Solar, Dodge County, MN
 Drawing: Civil Site Plan - 20
 Date: 04/21/2021 2:40 PM
 Author: J. K. [unreadable]
 Checker: [unreadable]

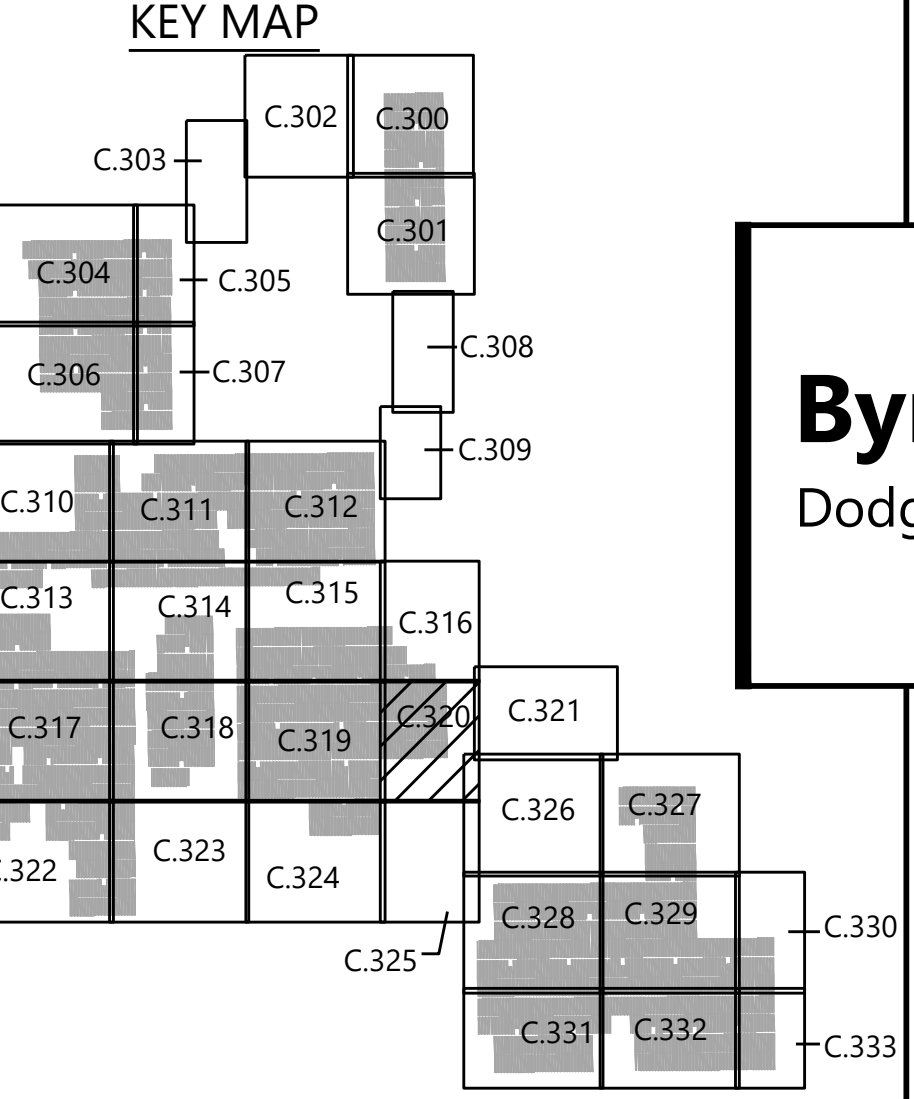
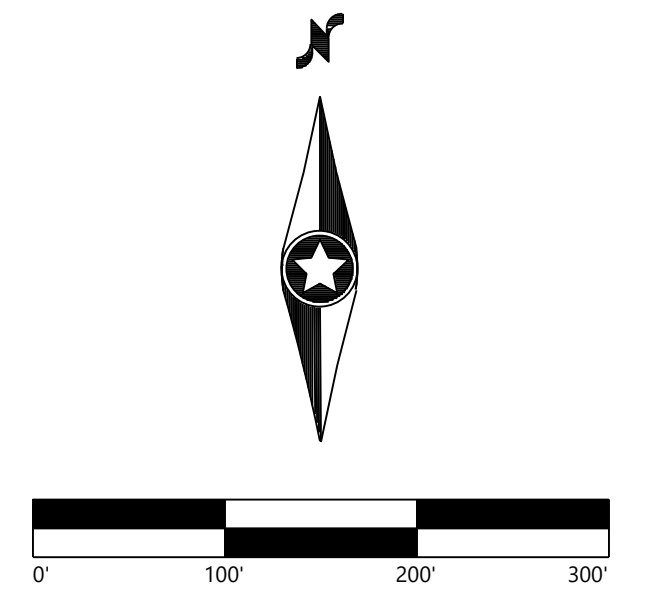
REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

LEGEND:

-  PROJECT BOUNDARY
-  EX. OVERHEAD POWER
-  EX. STREAM
-  EX. WETLAND
-  EX. INDEX CONTOUR
-  EX. INTERVAL CONTOUR
-  PROPOSED SOLAR ARRAY
-  PROPOSED MODULE SETBACK
-  PROPOSED ACCESS ROAD
-  PROPOSED SECURITY FENCE
-  PROPOSED HV OVERHEAD GEN-TIE LINE
-  PROPOSED UNDERGROUND COLLECTOR
-  PROPOSED EASEMENT LINE
-  PROPOSED SUBSTATION
-  PROPOSED LAYDOWN YARD
-  PROPOSED GRADING LIMITS
-  PROPOSED ELECTRICAL EQUIPMENT
-  PROPOSED INDEX CONTOUR
-  PROPOSED INTERVAL CONTOUR
-  PROPOSED CULVERT
-  PROPOSED SILT FENCE
-  PROPOSED ROCK CONSTRUCTION ENTRANCE
-  PROPOSED BERM
-  PROPOSED OUTLET PIPE
-  PROPOSED LOW WATER CROSSING
-  FLOOD DEPTH 1.0'-2.0'
-  FLOOD DEPTH 2.0'-3.0'
-  FLOOD DEPTH >3.0'

- NOTES:
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



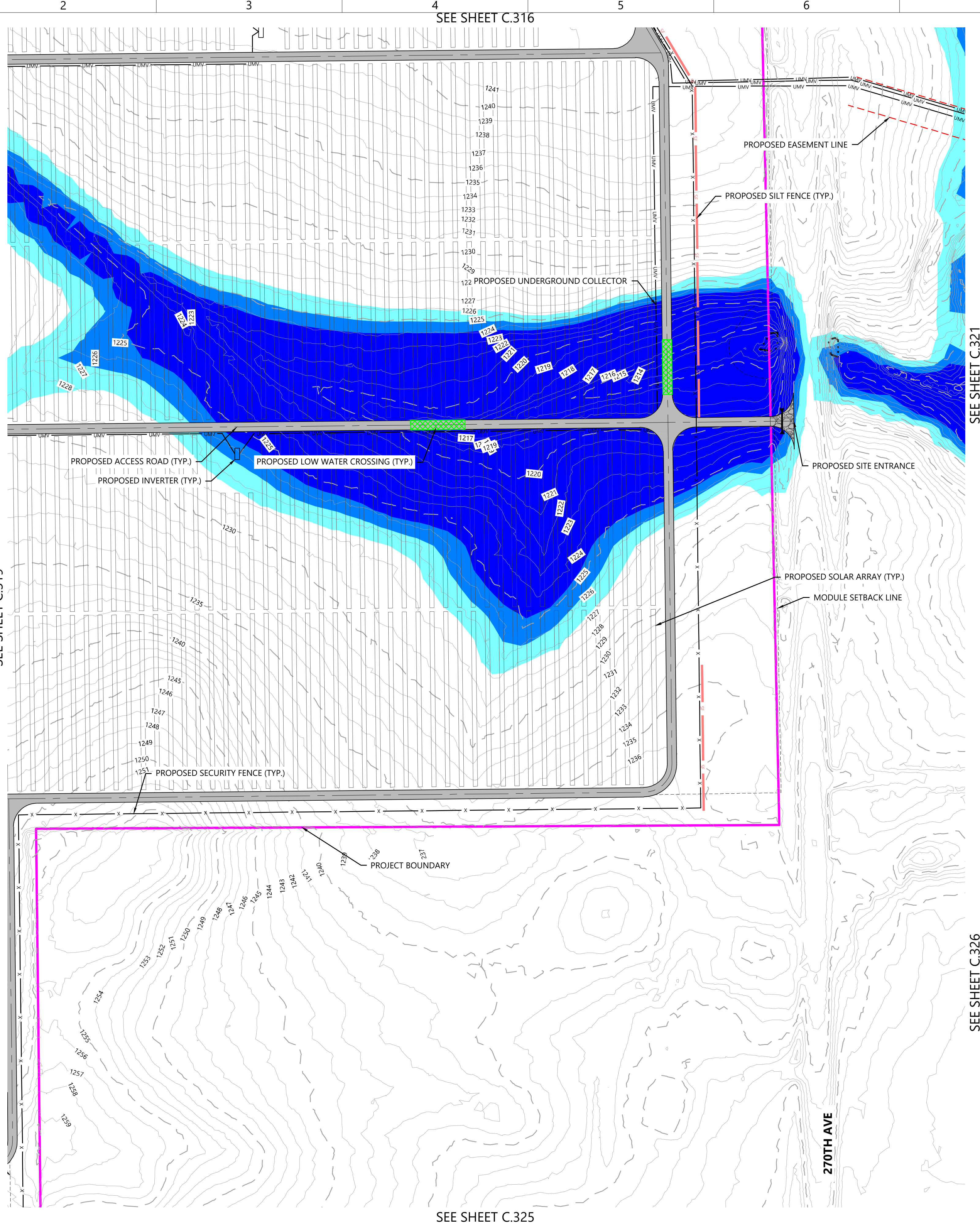
Byron Solar
 Dodge County, MN

Civil Site Plan - 21

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.320



SEE SHEET C.316

SEE SHEET C.319

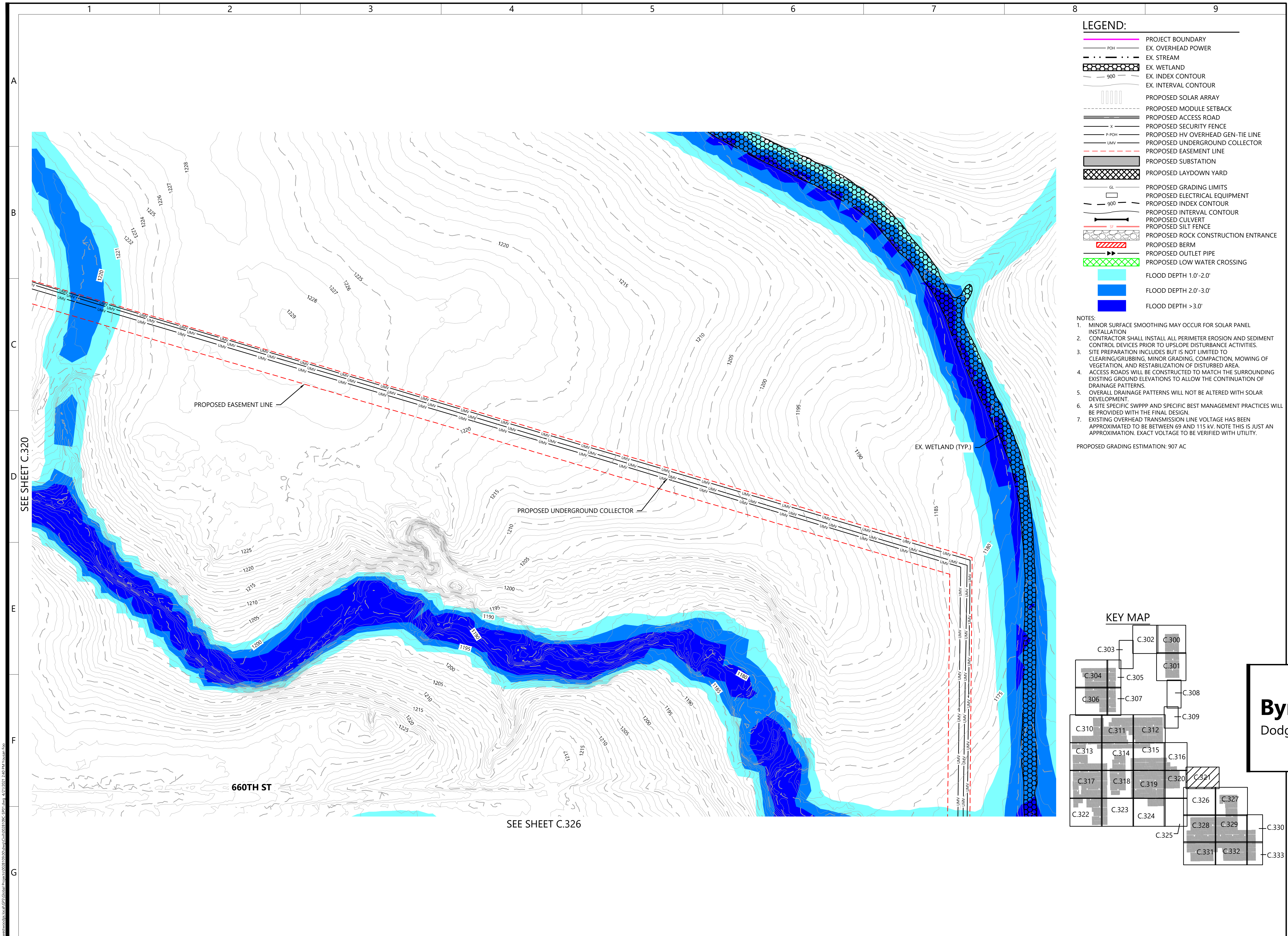
SEE SHEET C.321

SEE SHEET C.326

SEE SHEET C.325

270TH AVE

www.westwoodsp.com | Project: 04/21/2021 | 270th Ave Solar Farm | 4/21/2021 | 2:40 PM | Westwood Pro



LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

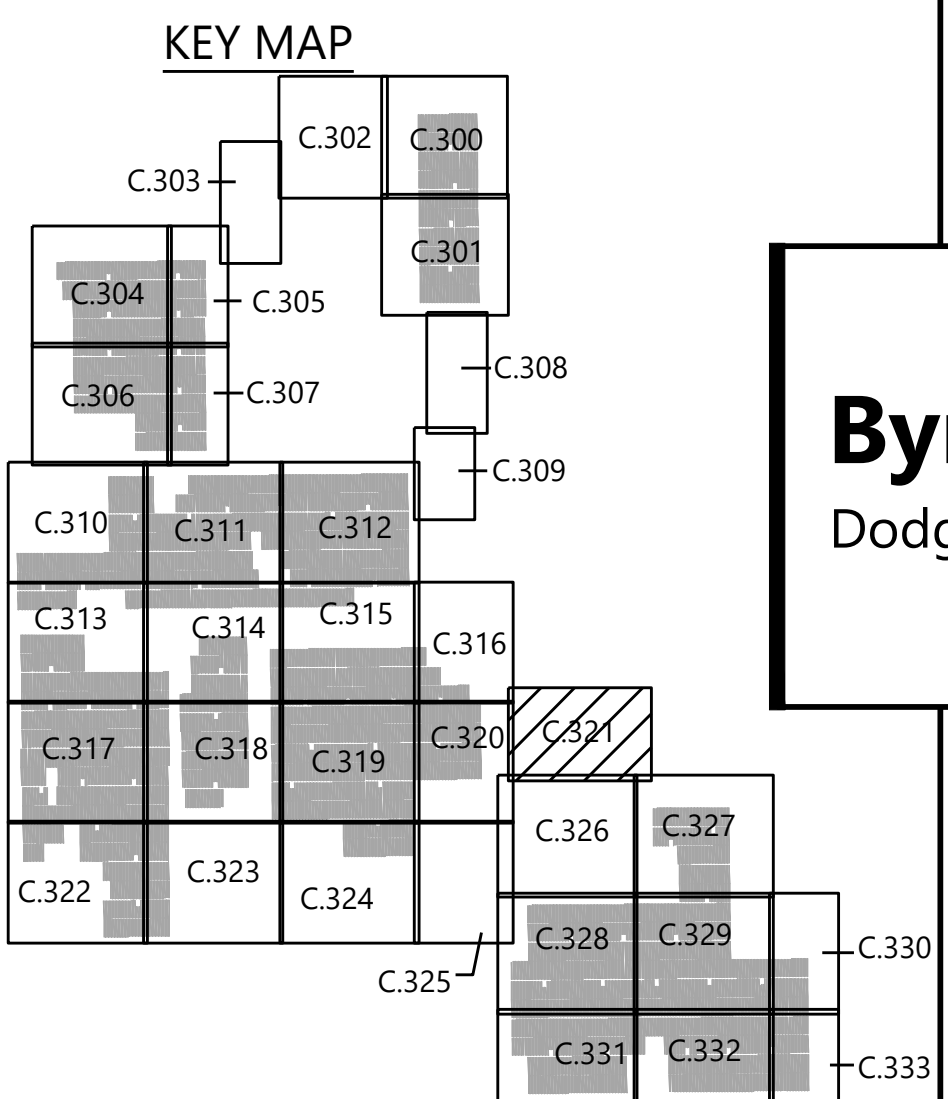
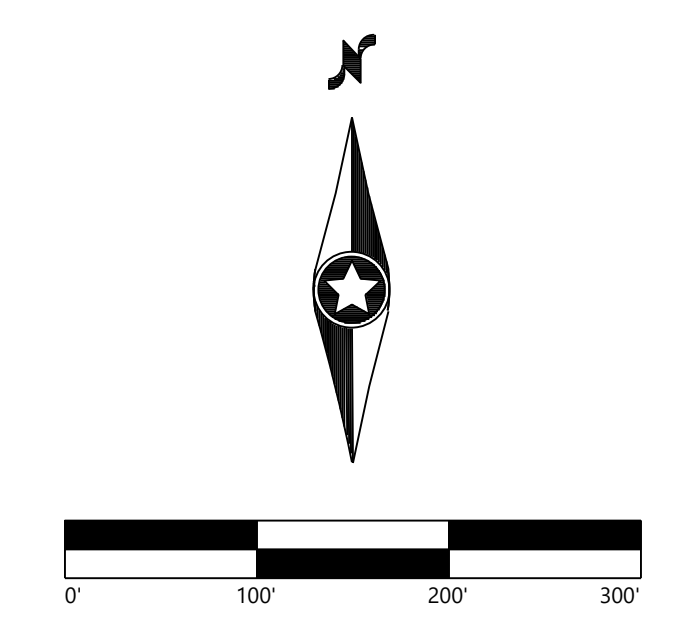
- NOTES:**
1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
 5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

PREPARED FOR:

edf renewables
 10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 22

ISSUED FOR REVIEW
 DATE: 04/21/2021
 SHEET: C.321

www.edf.com | 12701 Whitewater Drive, Suite #300, Minnetonka, MN 55343 | (952) 937-5150 | (888) 937-5150 | westwoods.com

PREPARED FOR:



10 Second St, NE Suite 400
 Minneapolis, MN 55413

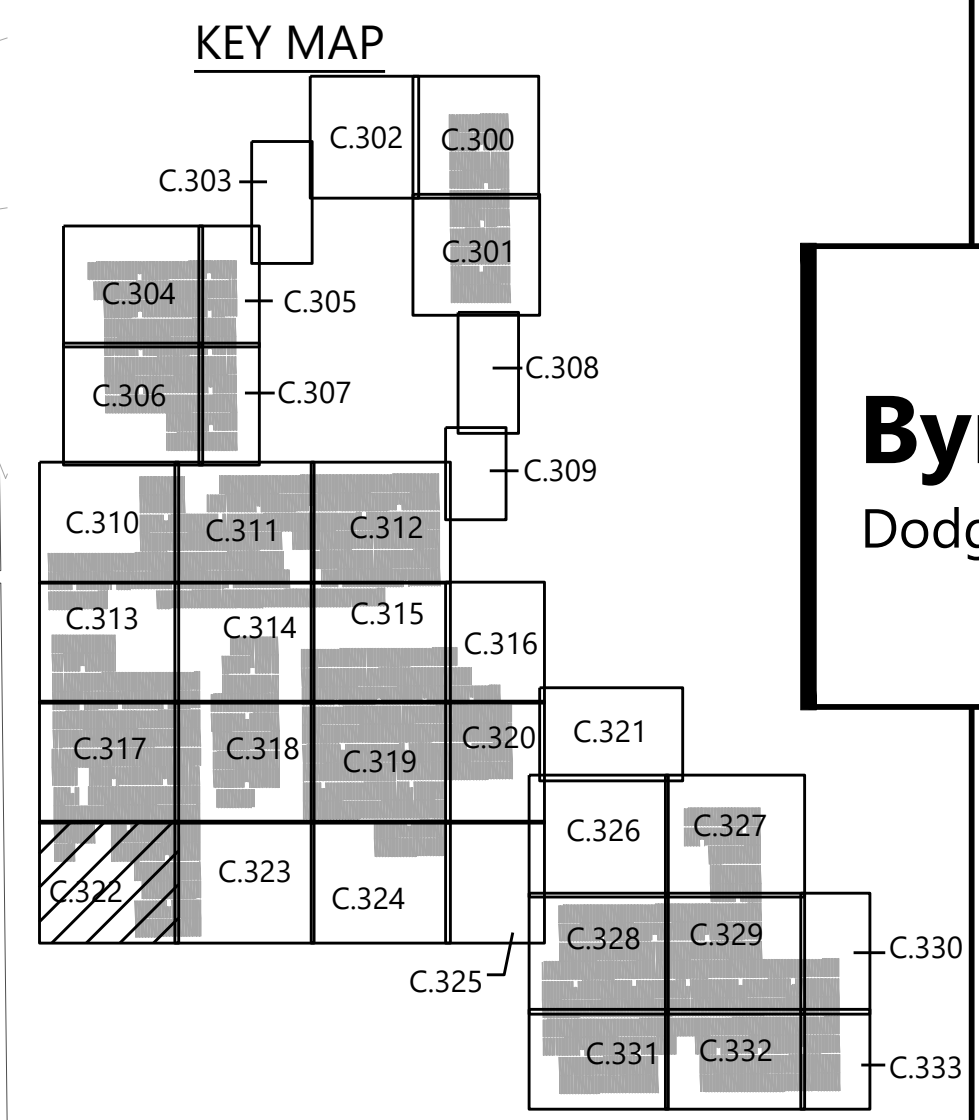
REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



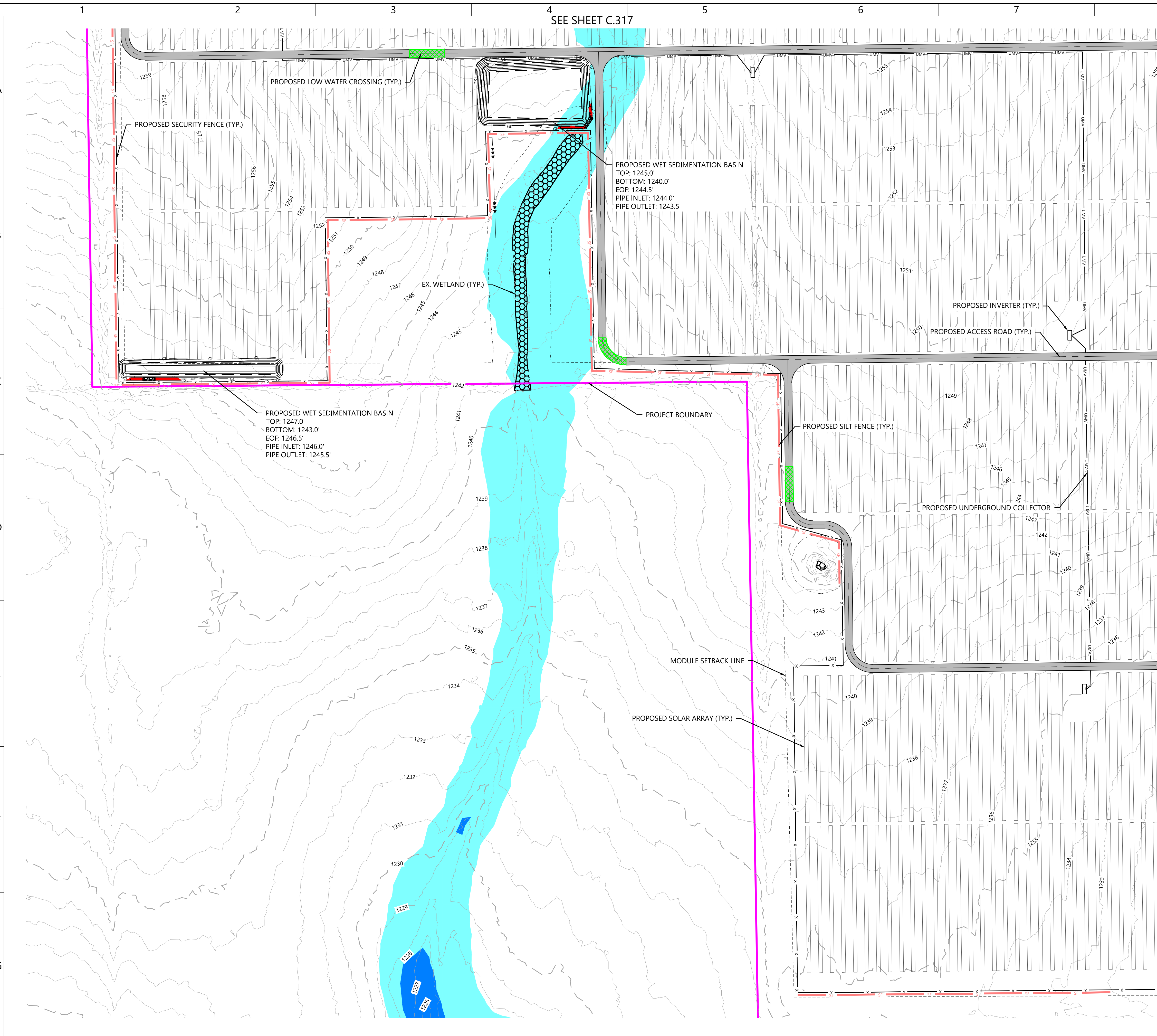
Byron Solar
 Dodge County, MN

Civil Site Plan - 23

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.322

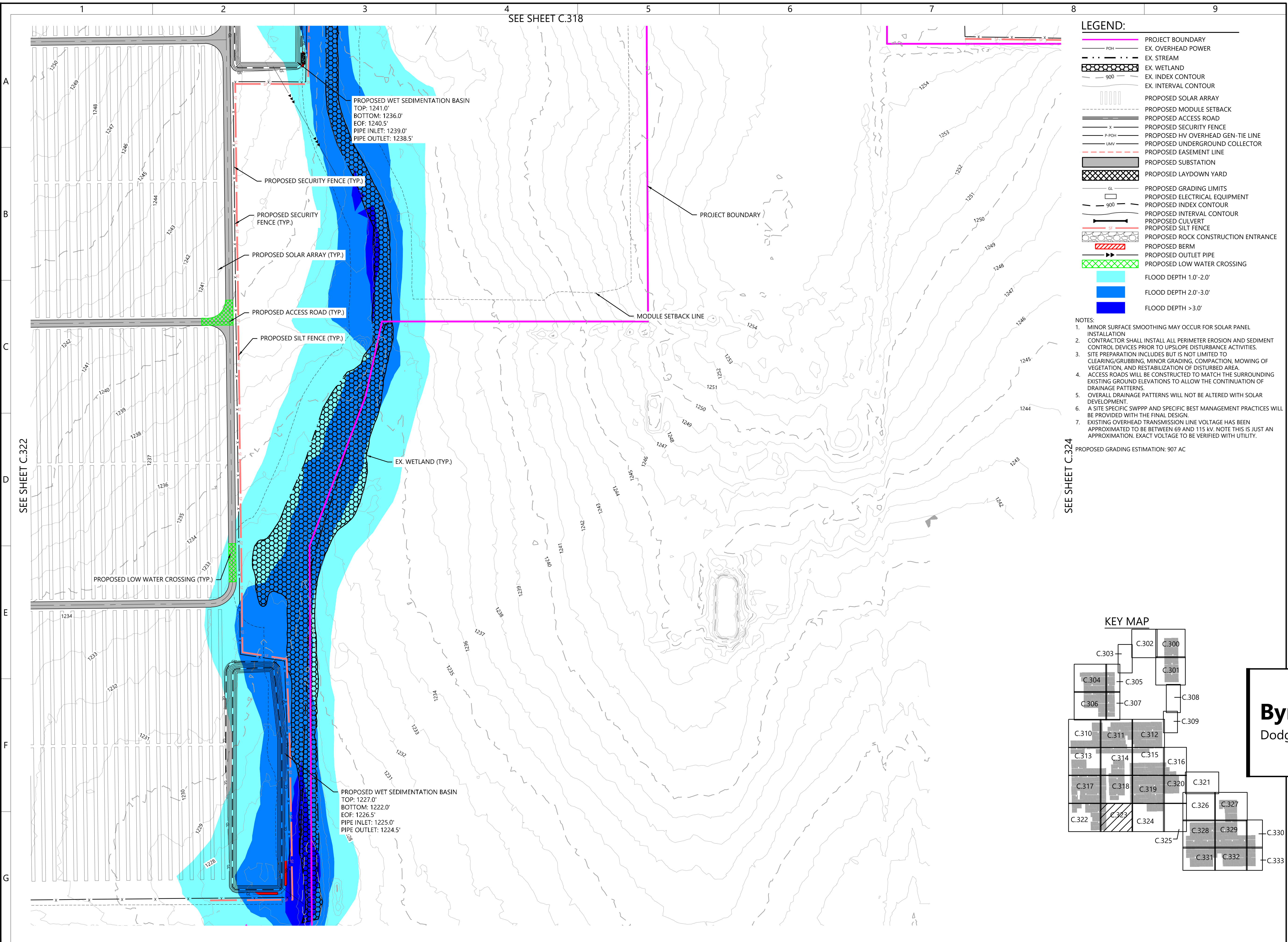


SEE SHEET C.317

SEE SHEET C.323

www.westwoodps.com | GPS Global Positioning System | 4/21/2021 2:40 PM | Westwood Pro

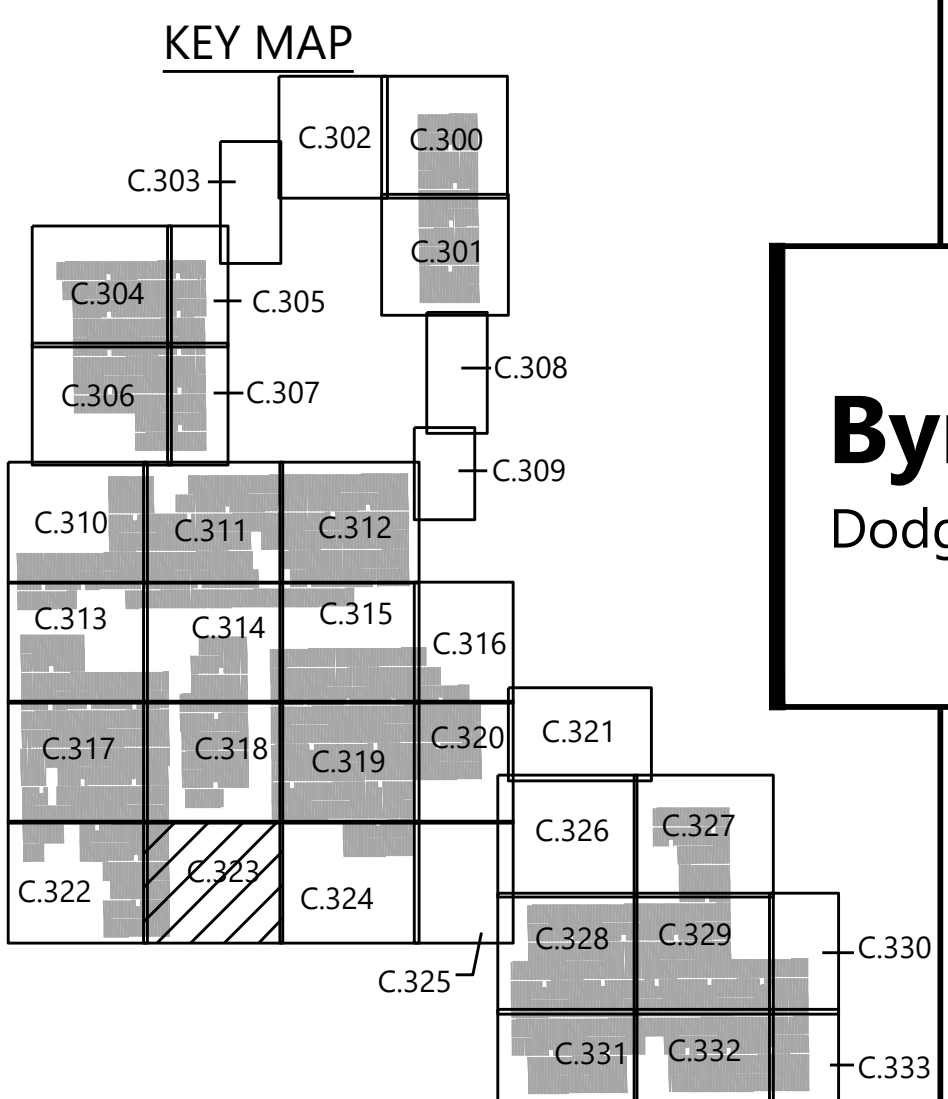
SEE SHEET C.318



LEGEND:

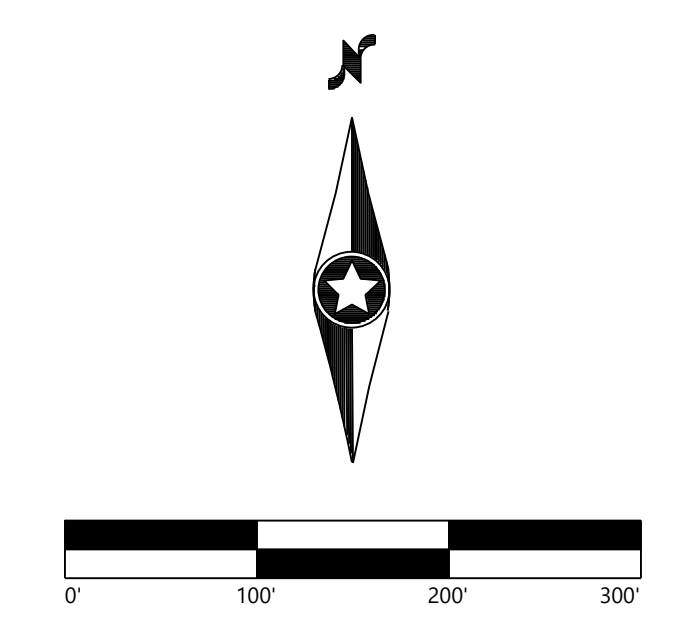
	PROJECT BOUNDARY
	EX. OVERHEAD POWER
	EX. STREAM
	EX. WETLAND
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	PROPOSED SOLAR ARRAY
	PROPOSED MODULE SETBACK
	PROPOSED ACCESS ROAD
	PROPOSED SECURITY FENCE
	PROPOSED HV OVERHEAD GEN-TIE LINE
	PROPOSED UNDERGROUND COLLECTOR
	PROPOSED EASEMENT LINE
	PROPOSED SUBSTATION
	PROPOSED LAYDOWN YARD
	PROPOSED GRADING LIMITS
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED INDEX CONTOUR
	PROPOSED INTERVAL CONTOUR
	PROPOSED CULVERT
	PROPOSED SILT FENCE
	PROPOSED ROCK CONSTRUCTION ENTRANCE
	PROPOSED BERM
	PROPOSED OUTLET PIPE
	PROPOSED LOW WATER CROSSING
	FLOOD DEPTH 1.0'-2.0'
	FLOOD DEPTH 2.0'-3.0'
	FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 24

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.323

Westwood Professional Services, Inc. 4/21/2021 2:40 PM Koushik.Foo

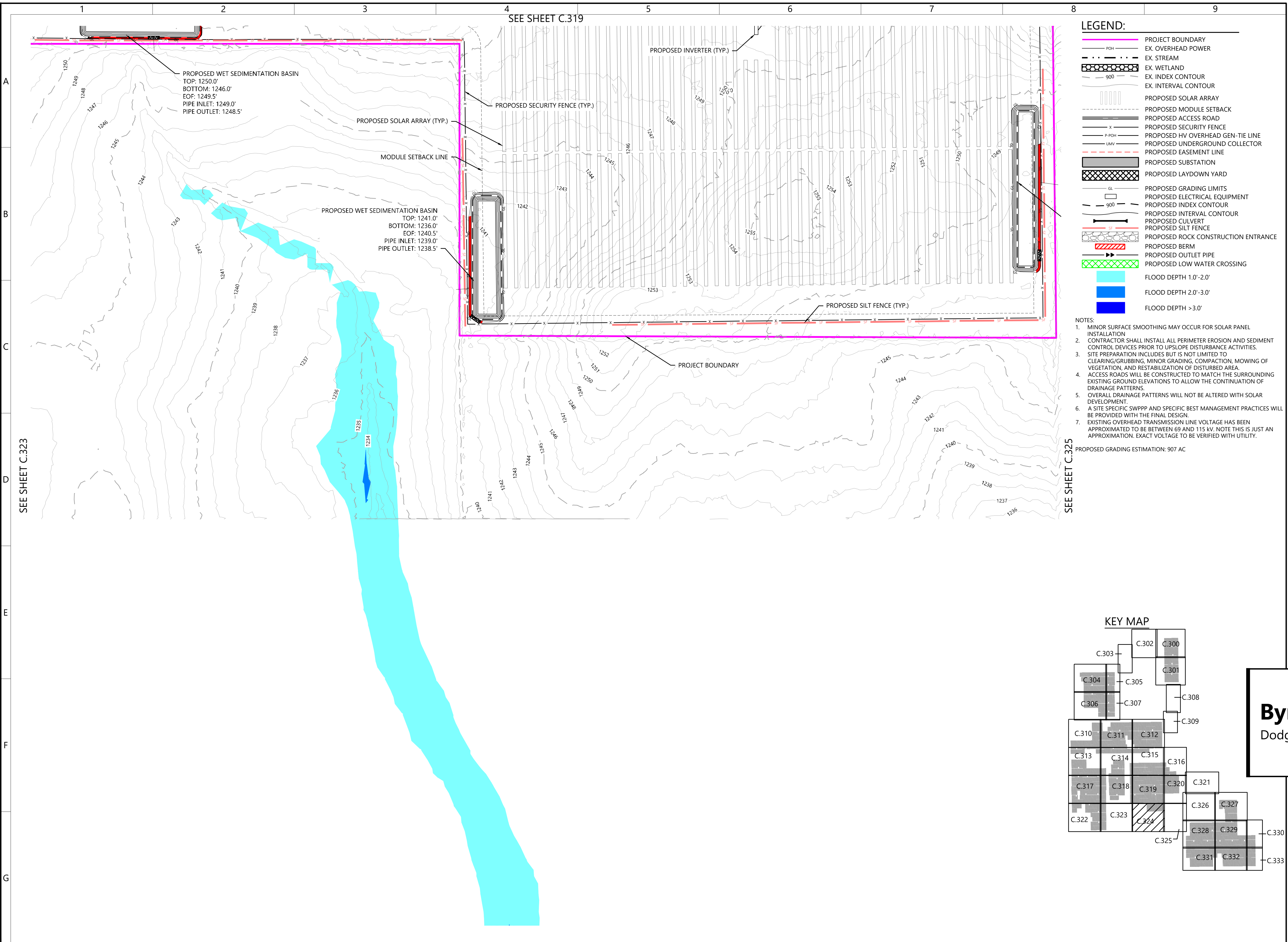
PREPARED FOR:



10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

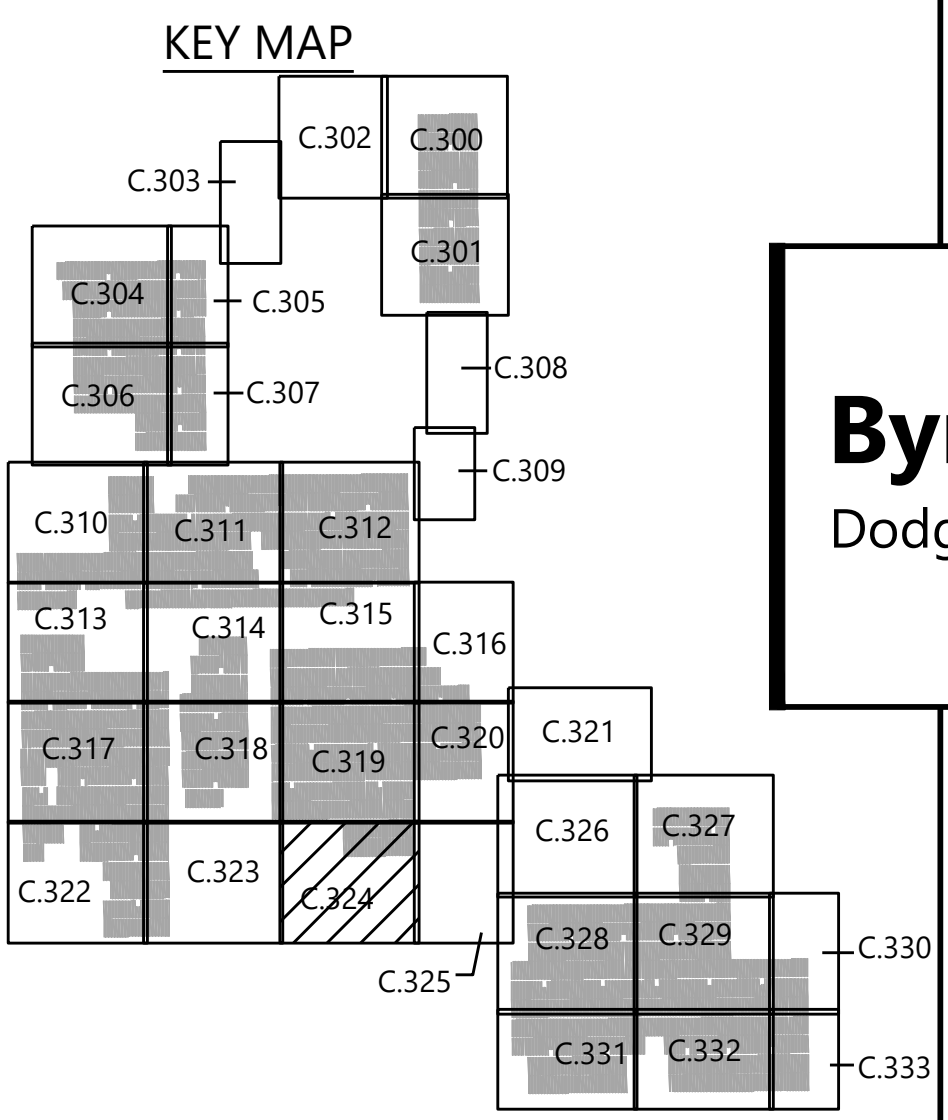
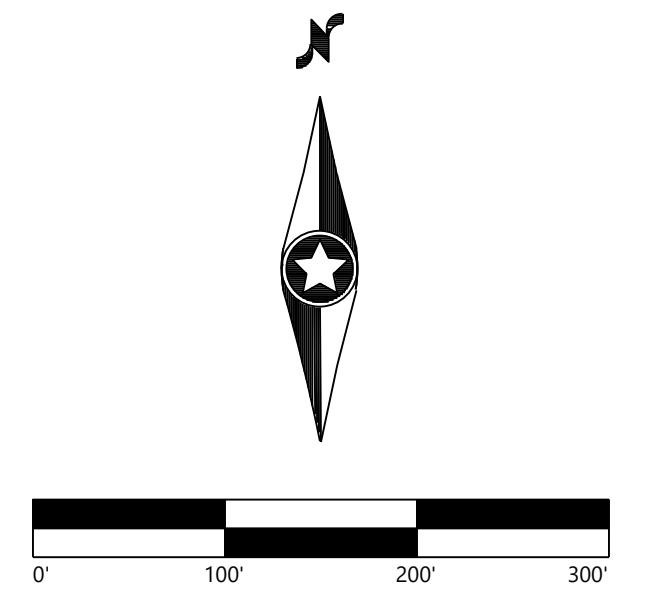
#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
 5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



Byron Solar

Dodge County, MN

Civil Site Plan - 25

ISSUED FOR REVIEW

DATE: 04/21/2021

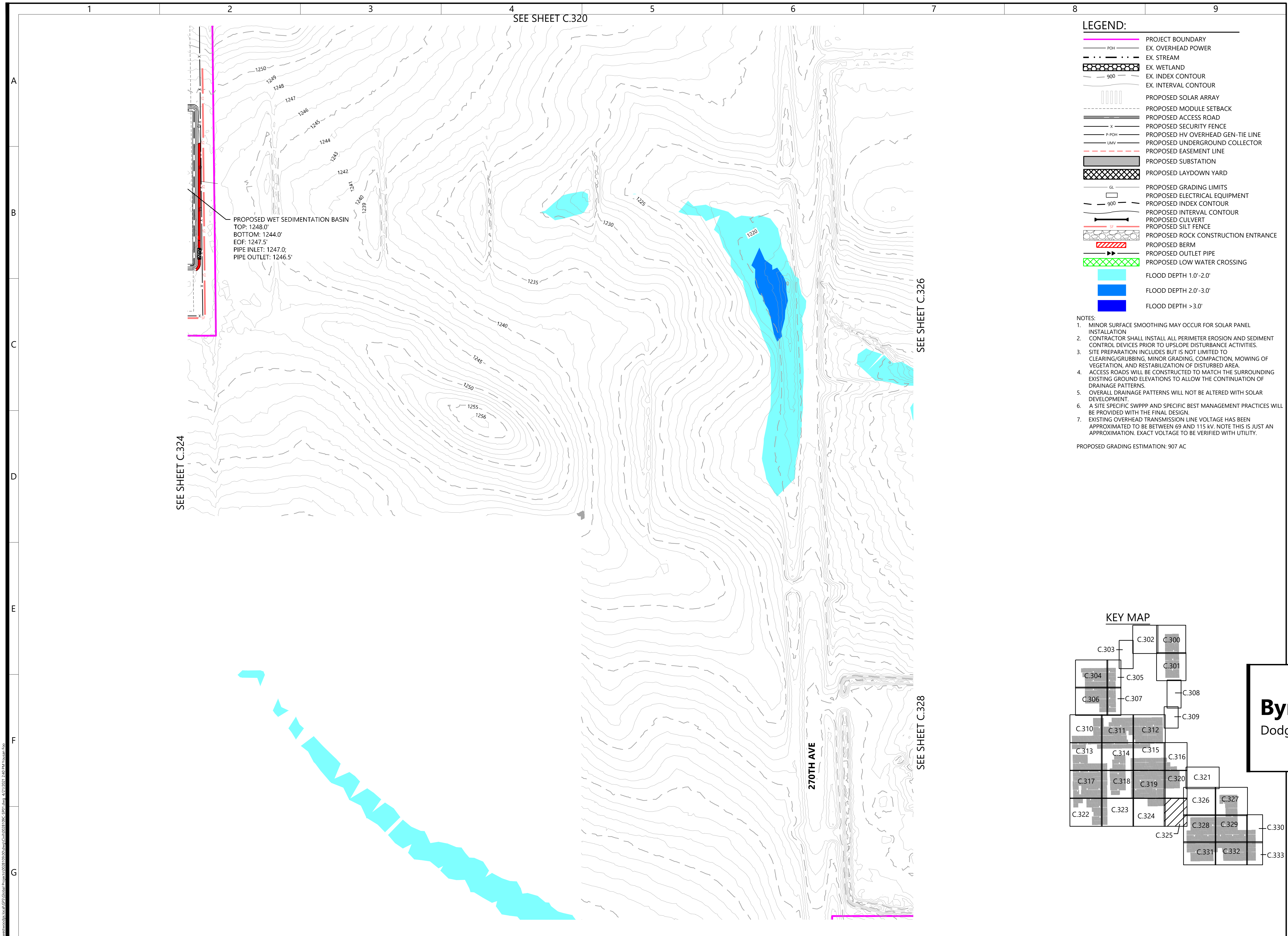
SHEET: C.324

SEE SHEET C.323

SEE SHEET C.325

SEE SHEET C.319

www.westwoodps.com | G:\Projects\ByronSolar\20210421\DWG\Civil\020210421_C324.dwg | 4/21/2021 2:49 PM | kousstf



PROPOSED WET SEDIMENTATION BASIN
 TOP: 1248.0'
 BOTTOM: 1244.0'
 EOF: 1247.5'
 PIPE INLET: 1247.0'
 PIPE OUTLET: 1246.5'

SEE SHEET C.320

SEE SHEET C.326

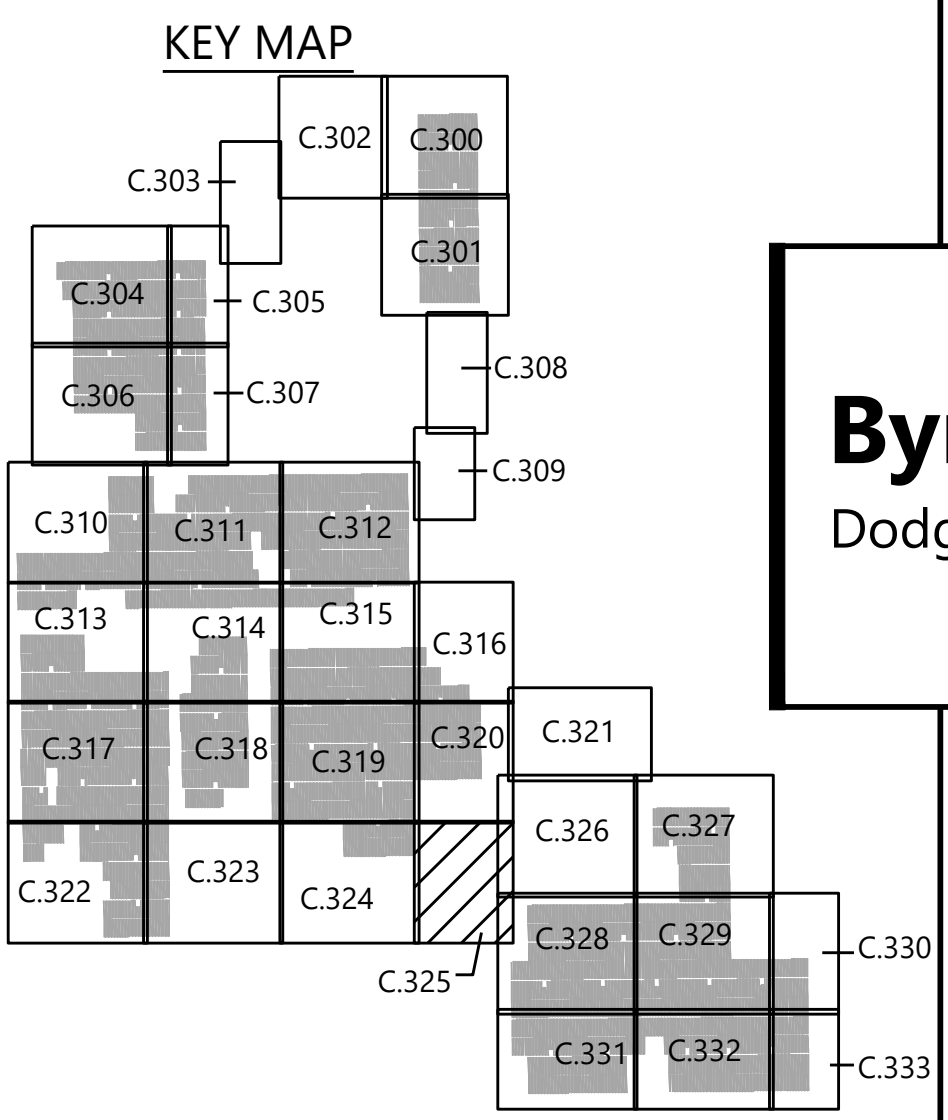
SEE SHEET C.324

SEE SHEET C.328

LEGEND:

	PROJECT BOUNDARY
	EX. OVERHEAD POWER
	EX. STREAM
	EX. WETLAND
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	PROPOSED SOLAR ARRAY
	PROPOSED MODULE SETBACK
	PROPOSED ACCESS ROAD
	PROPOSED SECURITY FENCE
	PROPOSED HV OVERHEAD GEN-TIE LINE
	PROPOSED UNDERGROUND COLLECTOR
	PROPOSED EASEMENT LINE
	PROPOSED SUBSTATION
	PROPOSED LAYDOWN YARD
	PROPOSED GRADING LIMITS
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED INDEX CONTOUR
	PROPOSED INTERVAL CONTOUR
	PROPOSED CULVERT
	PROPOSED SILT FENCE
	PROPOSED ROCK CONSTRUCTION ENTRANCE
	PROPOSED BERM
	PROPOSED OUTLET PIPE
	PROPOSED LOW WATER CROSSING
	FLOOD DEPTH 1.0'-2.0'
	FLOOD DEPTH 2.0'-3.0'
	FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



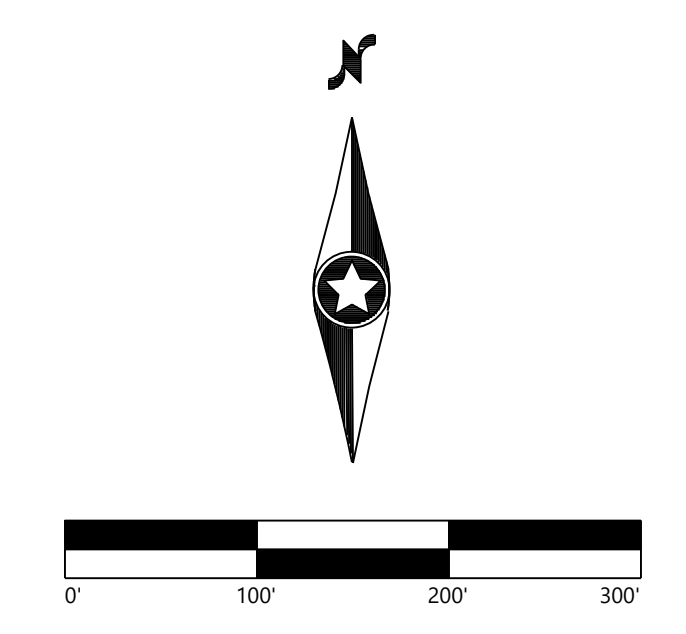
Westwood
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 Toll Free (888) 937-5150 westwoodps.com
 Westwood Professional Services, Inc.

PREPARED FOR:

 10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

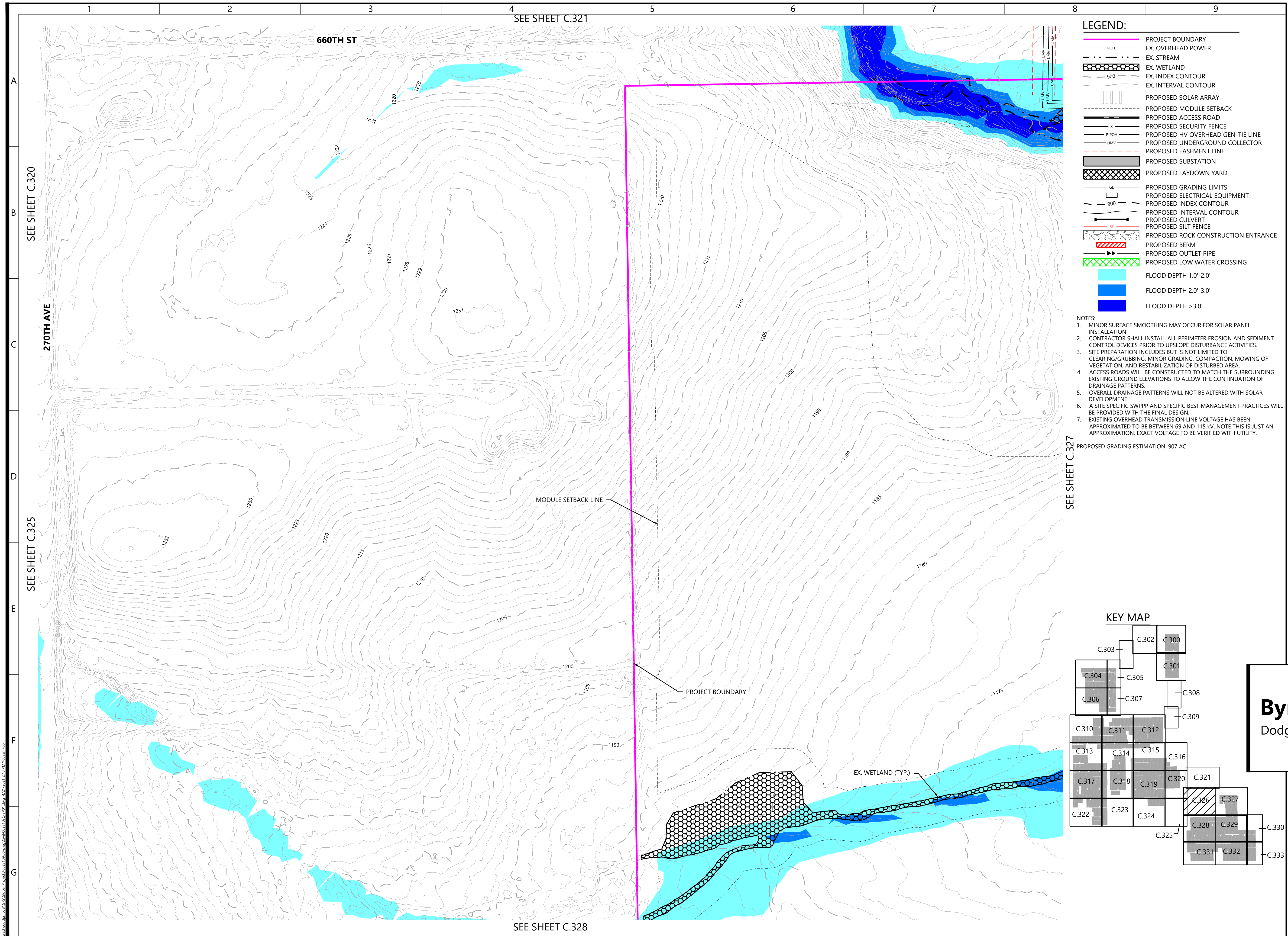


Byron Solar
 Dodge County, MN

Civil Site Plan - 26

ISSUED FOR REVIEW
 DATE: 04/21/2021
 SHEET: C.325

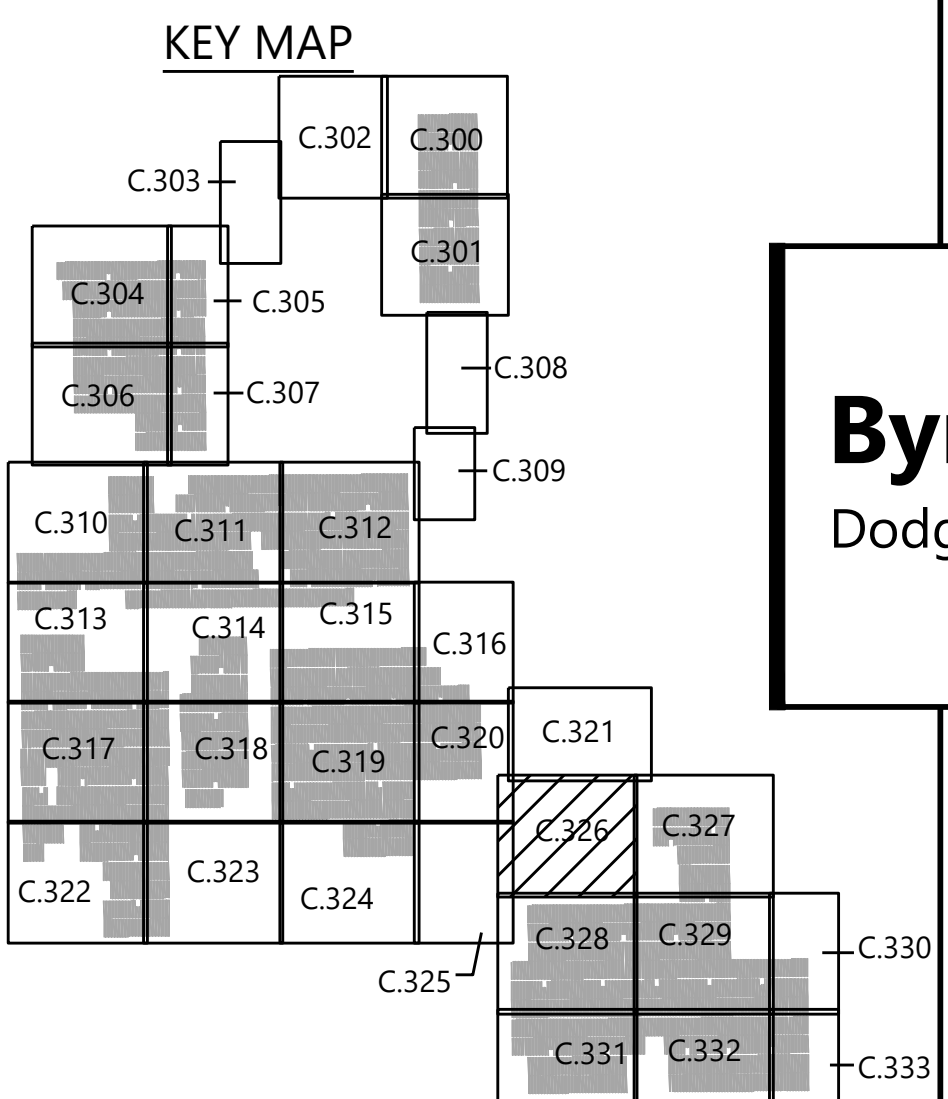
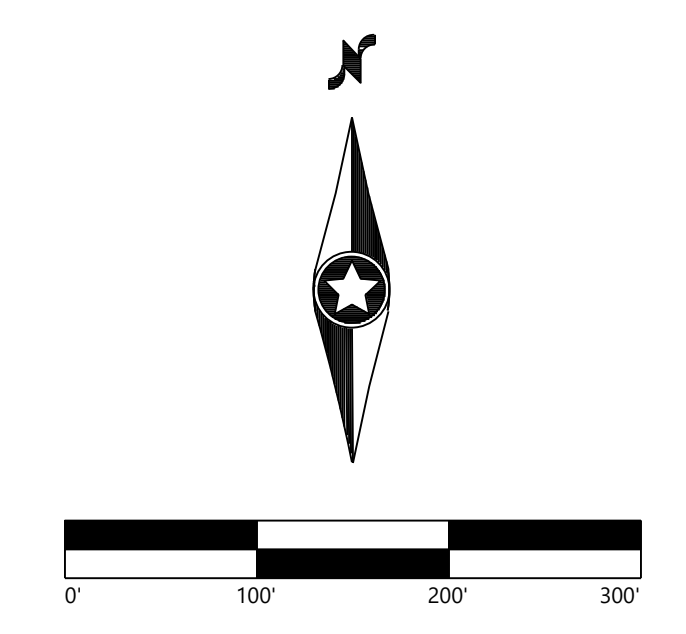
www.westwoodps.com | GPS Global Positioning System | 4/21/2021 2:40 PM | Westwood Pro



REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

- NOTES:
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



Byron Solar
 Dodge County, MN

Civil Site Plan - 27

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.326

Westwood Professional Services, Inc. 12701 Whitewater Drive, Suite #300, Minnetonka, MN 55343
 4/21/2021 2:40 PM Westwood Pro

PREPARED FOR:



10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

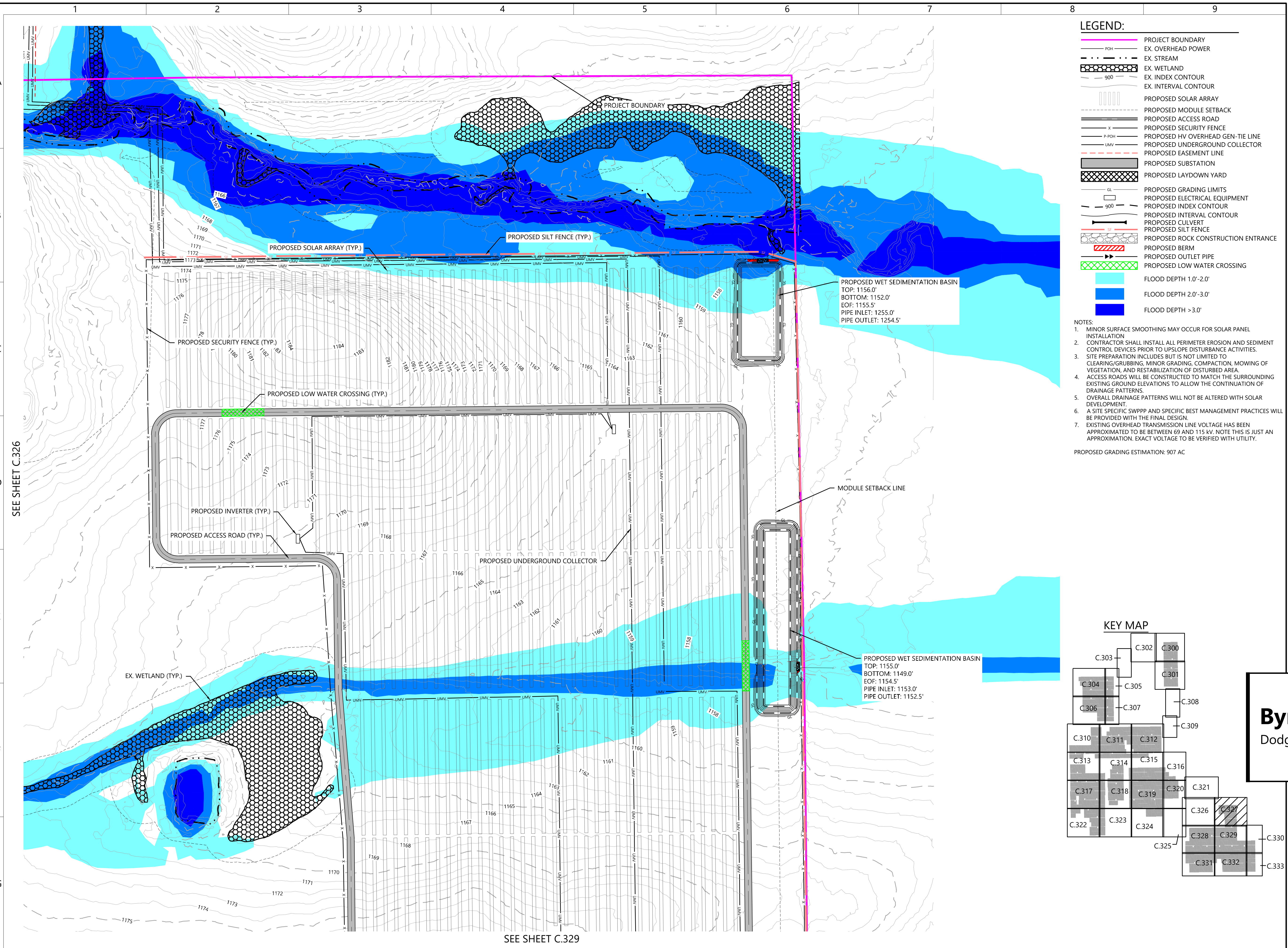
#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

LEGEND:

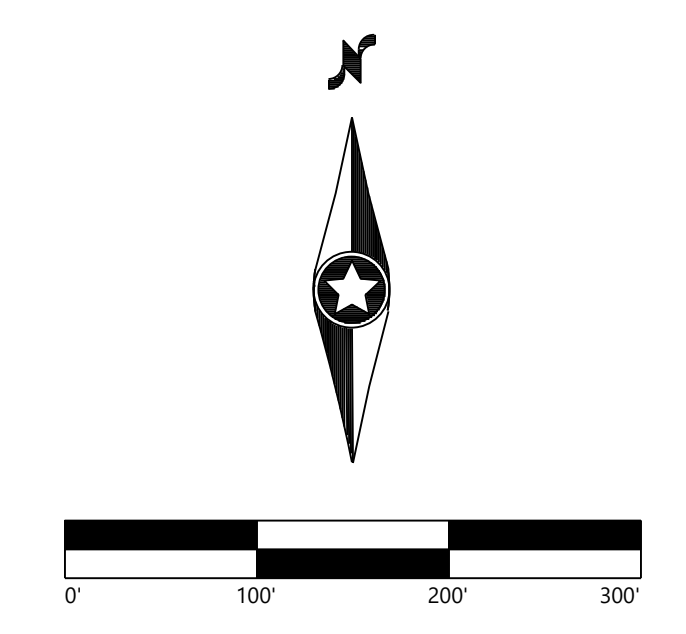
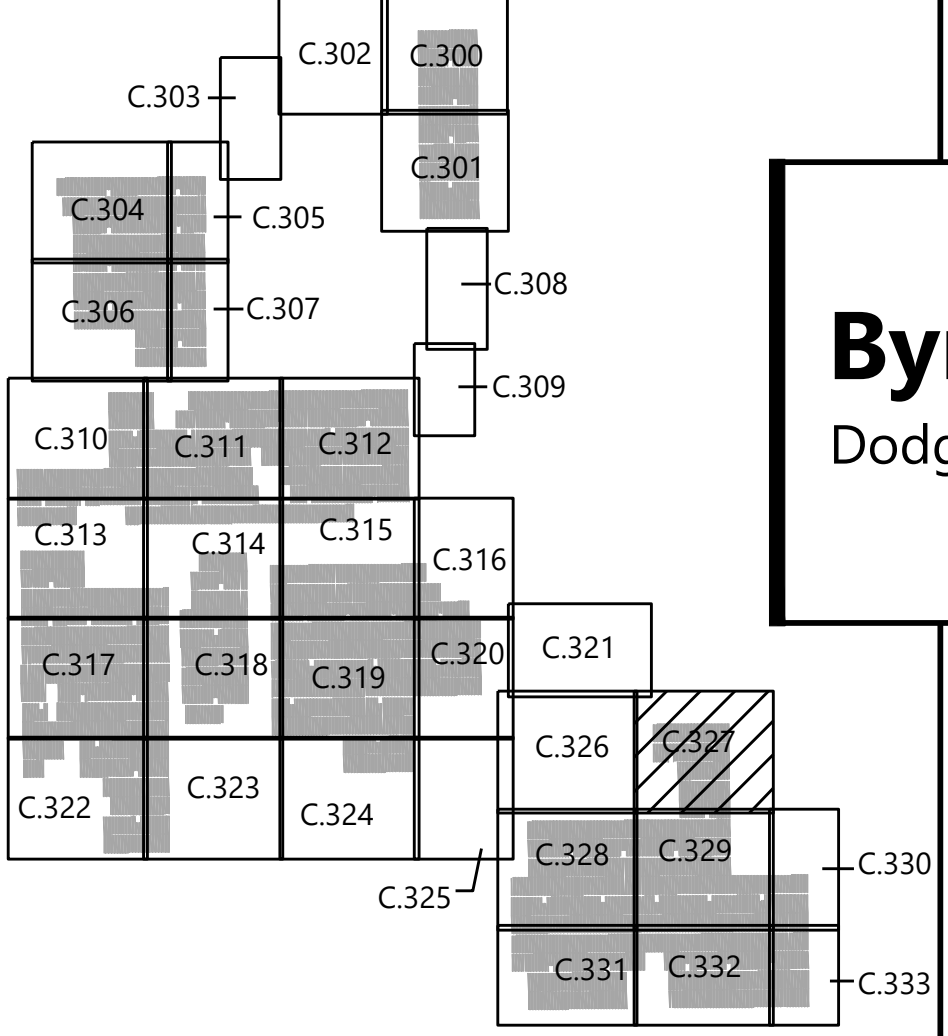
- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

NOTES:

- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



KEY MAP



Byron Solar
 Dodge County, MN

Civil Site Plan - 28

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.327

SEE SHEET C.326

SEE SHEET C.329

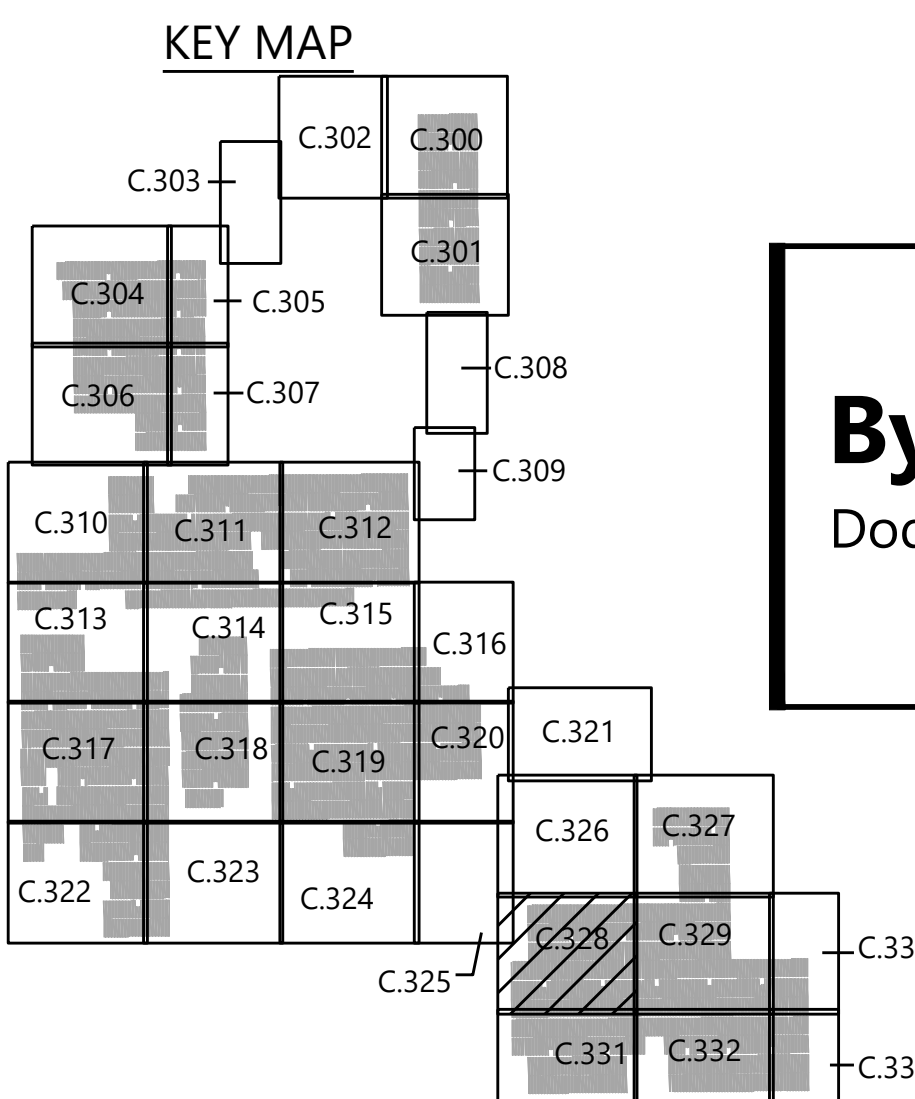
Westwood Professional Services, Inc. 4217 2021 2nd Ave. Westwood, MN



LEGEND:

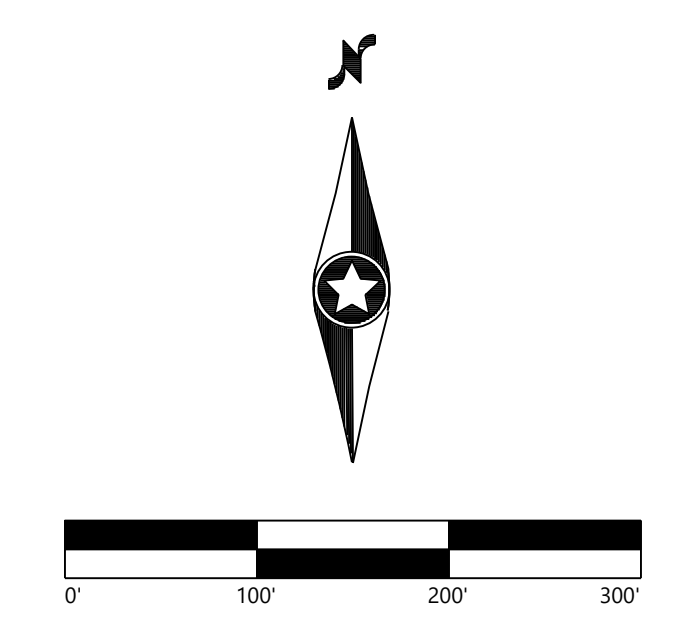
- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
 5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



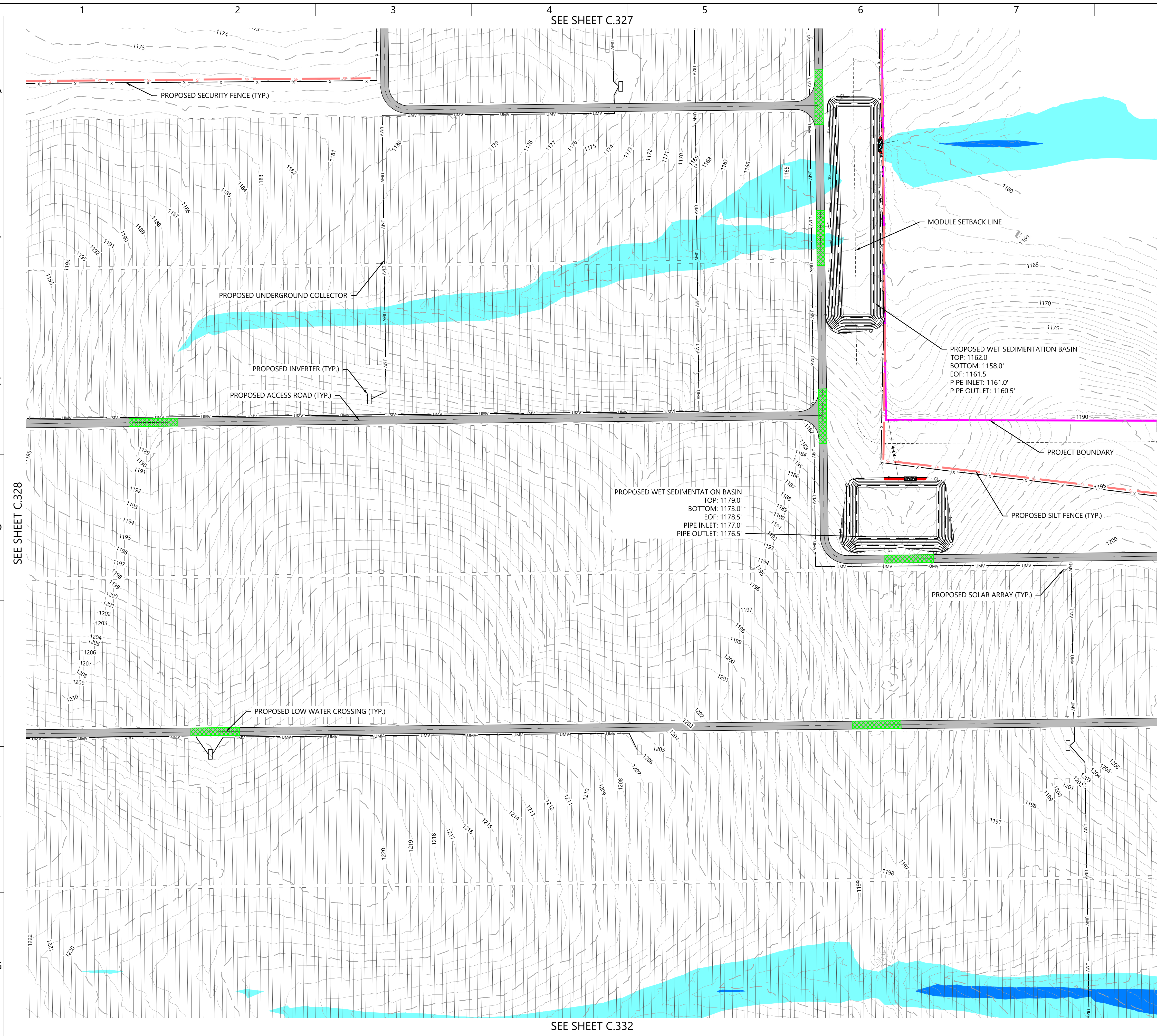
Byron Solar
 Dodge County, MN

Civil Site Plan - 29

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.328

Westwood Professional Services, Inc. 4/21/2021 2:44 PM Westwood Pro



- LEGEND:**
- PROJECT BOUNDARY
 - EX. OVERHEAD POWER
 - EX. STREAM
 - EX. WETLAND
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - PROPOSED SOLAR ARRAY
 - PROPOSED MODULE SETBACK
 - PROPOSED ACCESS ROAD
 - PROPOSED SECURITY FENCE
 - PROPOSED HV OVERHEAD GEN-TIE LINE
 - PROPOSED UNDERGROUND COLLECTOR
 - PROPOSED EASEMENT LINE
 - PROPOSED SUBSTATION
 - PROPOSED LAYDOWN YARD
 - PROPOSED GRADING LIMITS
 - PROPOSED ELECTRICAL EQUIPMENT
 - PROPOSED INDEX CONTOUR
 - PROPOSED INTERVAL CONTOUR
 - PROPOSED CULVERT
 - PROPOSED SILT FENCE
 - PROPOSED ROCK CONSTRUCTION ENTRANCE
 - PROPOSED BERM
 - PROPOSED OUTLET PIPE
 - PROPOSED LOW WATER CROSSING
 - FLOOD DEPTH 1.0'-2.0'
 - FLOOD DEPTH 2.0'-3.0'
 - FLOOD DEPTH >3.0'
- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 kV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

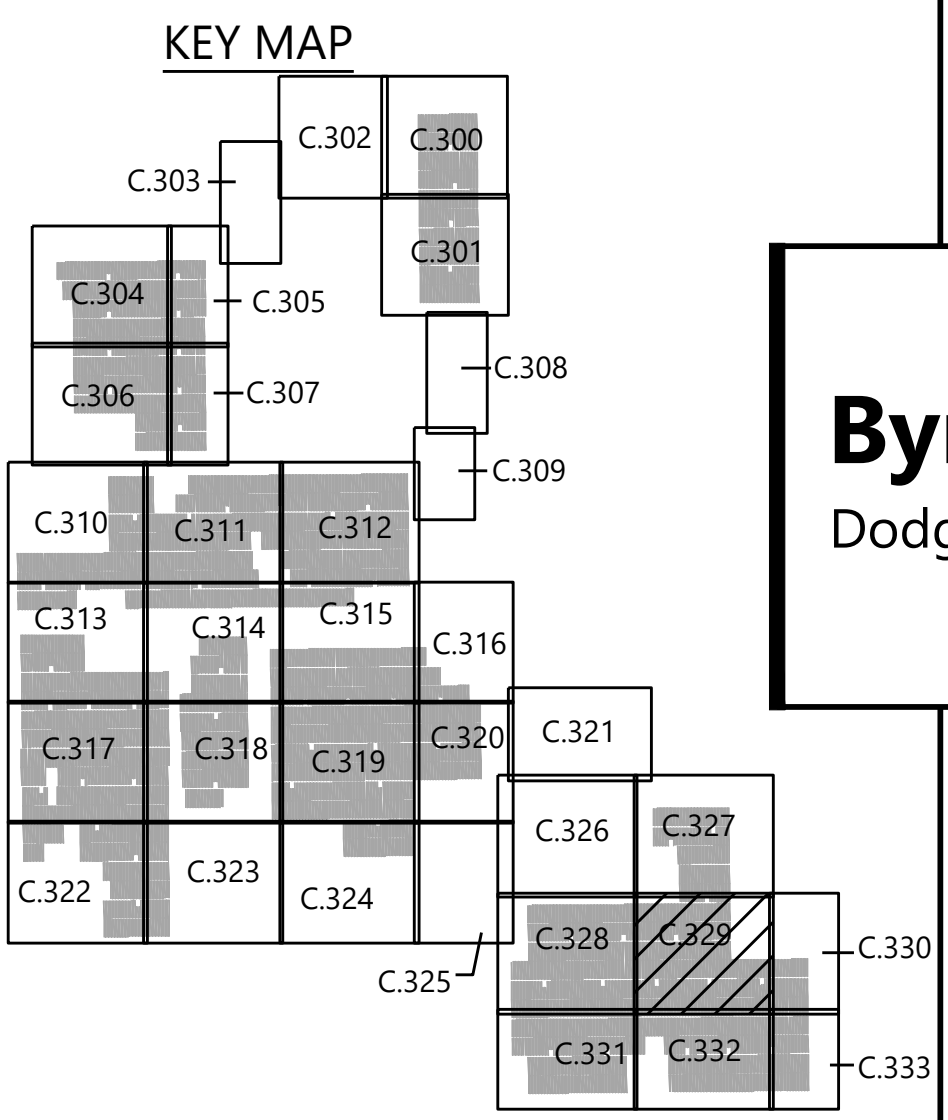
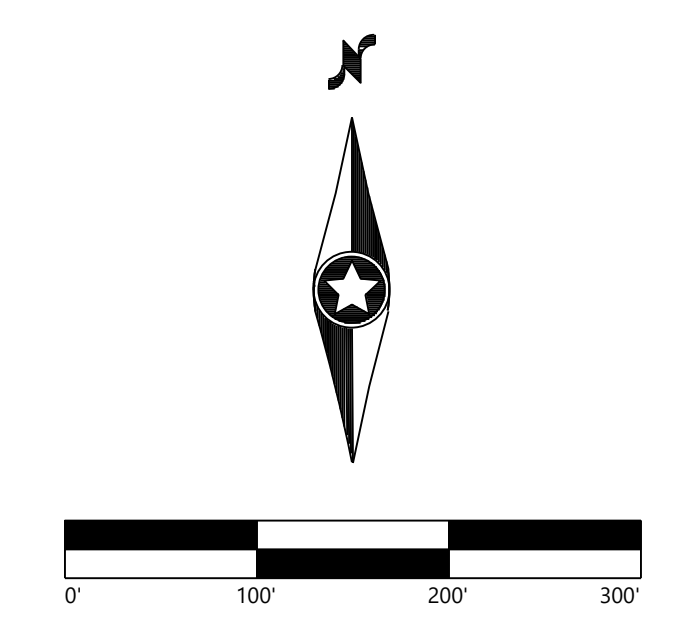
PREPARED FOR:

edf
renewables

10 Second St, NE Suite 400
Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

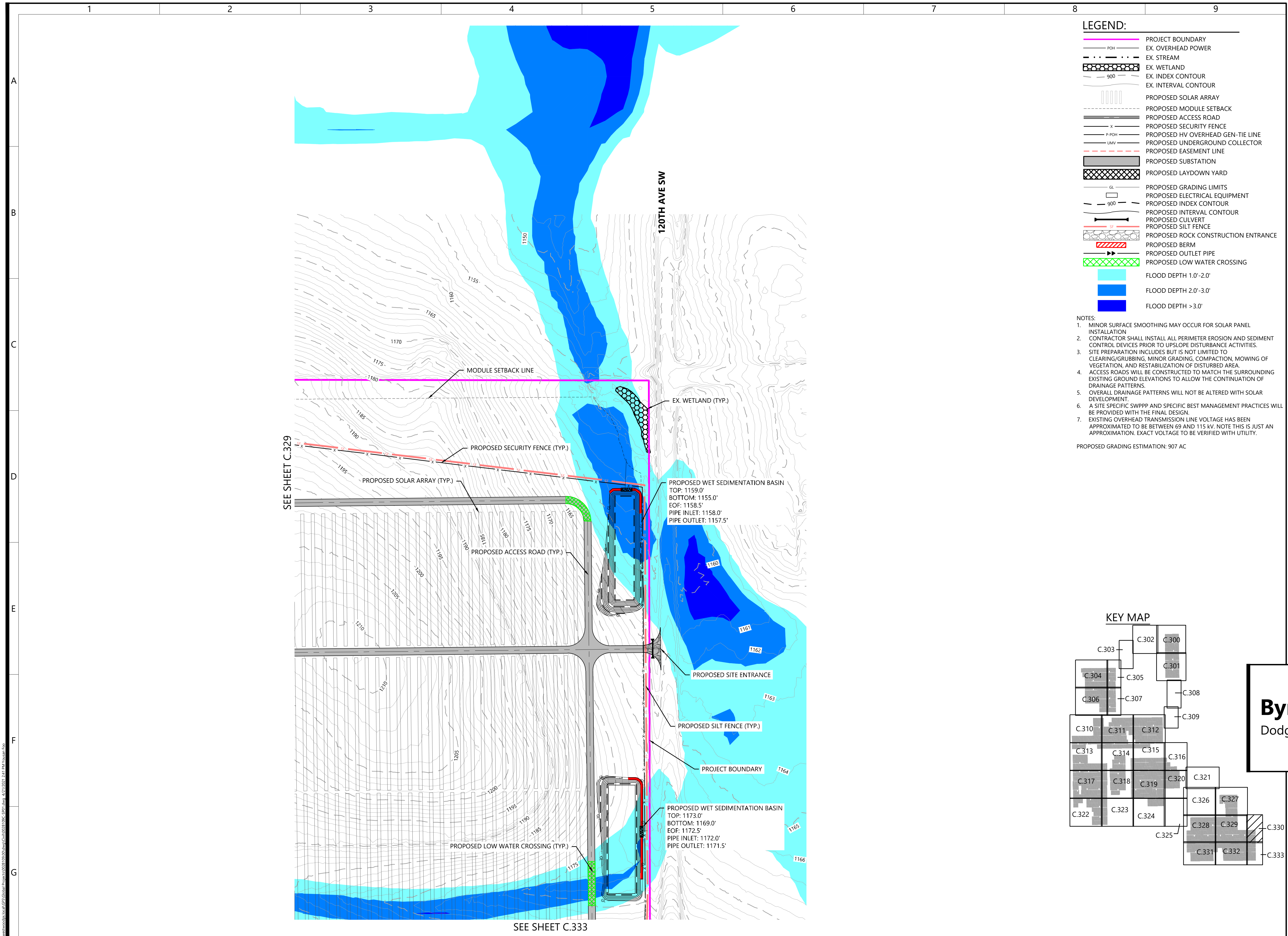


Byron Solar
Dodge County, MN

Civil Site Plan - 30

ISSUED FOR REVIEW

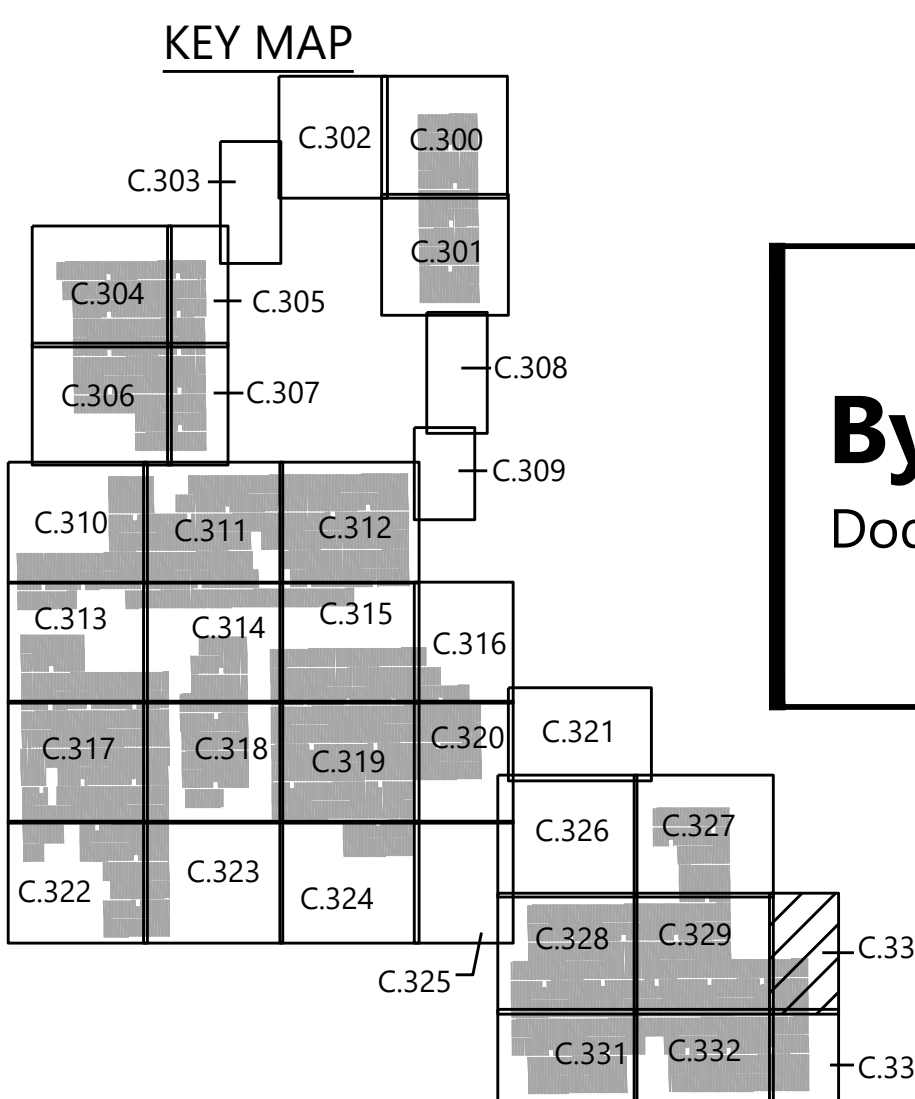
DATE: 04/21/2021
SHEET: C.329



LEGEND:

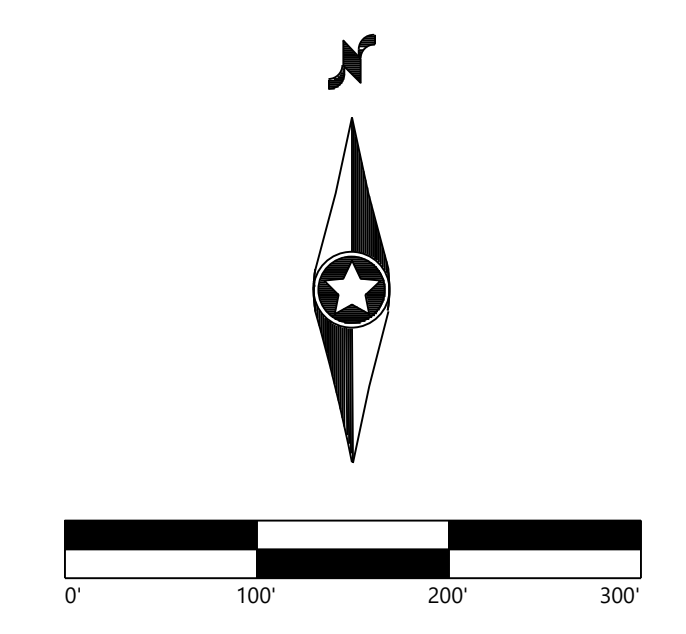
	PROJECT BOUNDARY
	EX. OVERHEAD POWER
	EX. STREAM
	EX. WETLAND
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	PROPOSED SOLAR ARRAY
	PROPOSED MODULE SETBACK
	PROPOSED ACCESS ROAD
	PROPOSED SECURITY FENCE
	PROPOSED HV OVERHEAD GEN-TIE LINE
	PROPOSED UNDERGROUND COLLECTOR
	PROPOSED EASEMENT LINE
	PROPOSED SUBSTATION
	PROPOSED LAYDOWN YARD
	PROPOSED GRADING LIMITS
	PROPOSED ELECTRICAL EQUIPMENT
	PROPOSED INDEX CONTOUR
	PROPOSED INTERVAL CONTOUR
	PROPOSED CULVERT
	PROPOSED SILT FENCE
	PROPOSED ROCK CONSTRUCTION ENTRANCE
	PROPOSED BERM
	PROPOSED OUTLET PIPE
	PROPOSED LOW WATER CROSSING
	FLOOD DEPTH 1.0'-2.0'
	FLOOD DEPTH 2.0'-3.0'
	FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 31

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.330

www.westwoodps.com | G:\Projects\2021\04\ByronSolar\DWG\Civil\31\C330.dwg | 4/21/2021 2:41 PM | Westwood

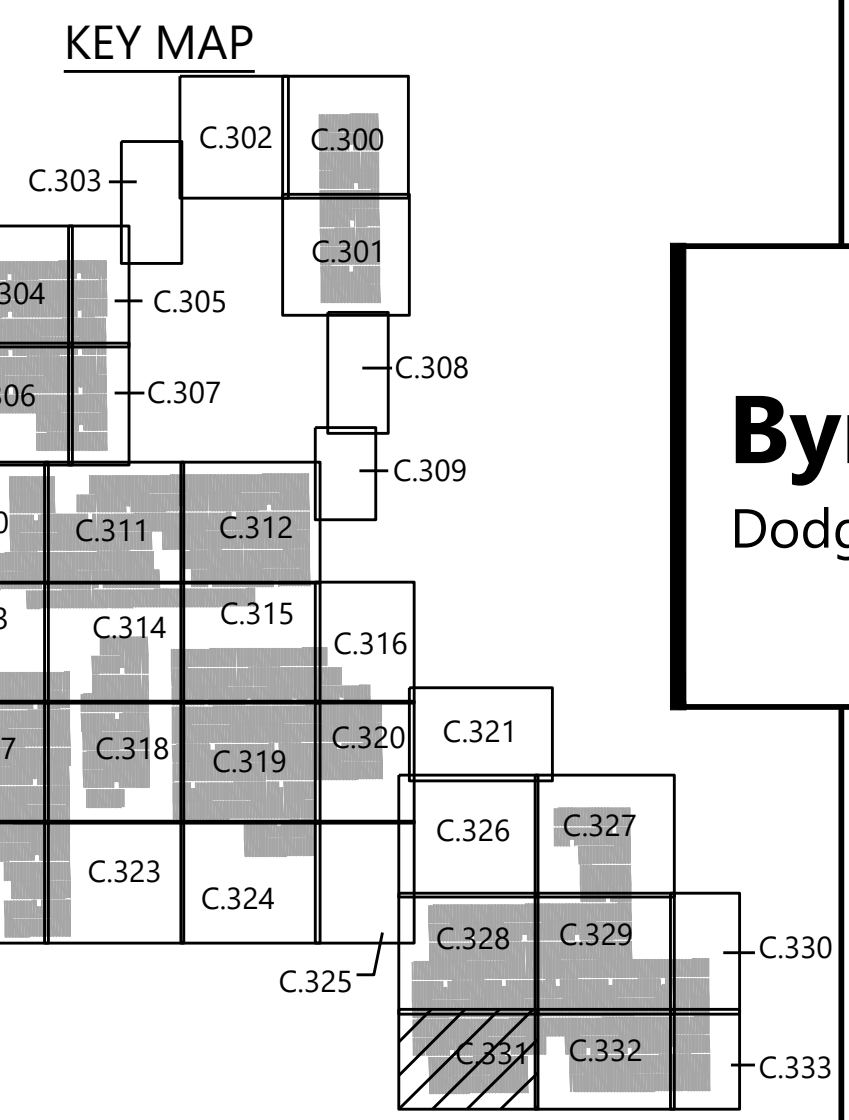
SEE SHEET C.328

LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
 5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

SEE SHEET C.332



Westwood

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

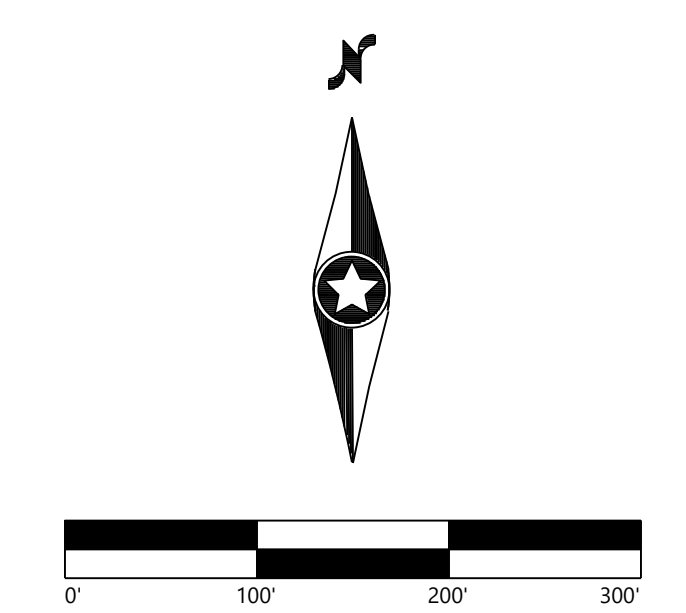
PREPARED FOR:

EDF
renewables

10 Second St, NE Suite 400
Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
Dodge County, MN

Civil Site Plan - 32

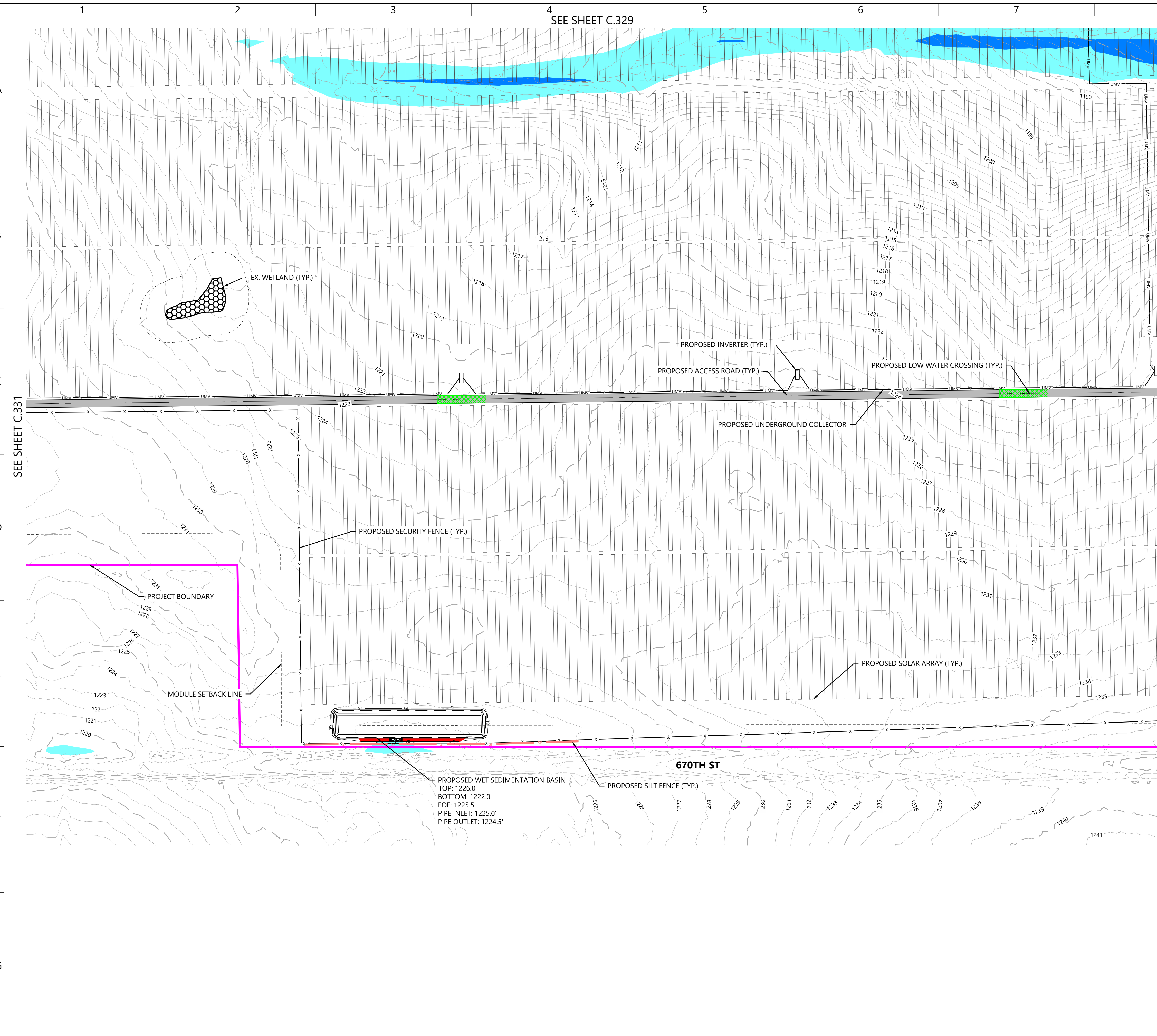
ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.331

www.edf.com | EDF Global | Project: 003192 | 04/21/2021 | 2:41 PM | User: fco

SEE SHEET C.329



LEGEND:

- PROJECT BOUNDARY
- EX. OVERHEAD POWER
- EX. STREAM
- EX. WETLAND
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED MODULE SETBACK
- PROPOSED ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED HV OVERHEAD GEN-TIE LINE
- PROPOSED UNDERGROUND COLLECTOR
- PROPOSED EASEMENT LINE
- PROPOSED SUBSTATION
- PROPOSED LAYDOWN YARD
- PROPOSED GRADING LIMITS
- PROPOSED ELECTRICAL EQUIPMENT
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED CULVERT
- PROPOSED SILT FENCE
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED BERM
- PROPOSED OUTLET PIPE
- PROPOSED LOW WATER CROSSING
- FLOOD DEPTH 1.0'-2.0'
- FLOOD DEPTH 2.0'-3.0'
- FLOOD DEPTH >3.0'

- NOTES:**
- MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 - 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.
 - 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 OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC

Westwood

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

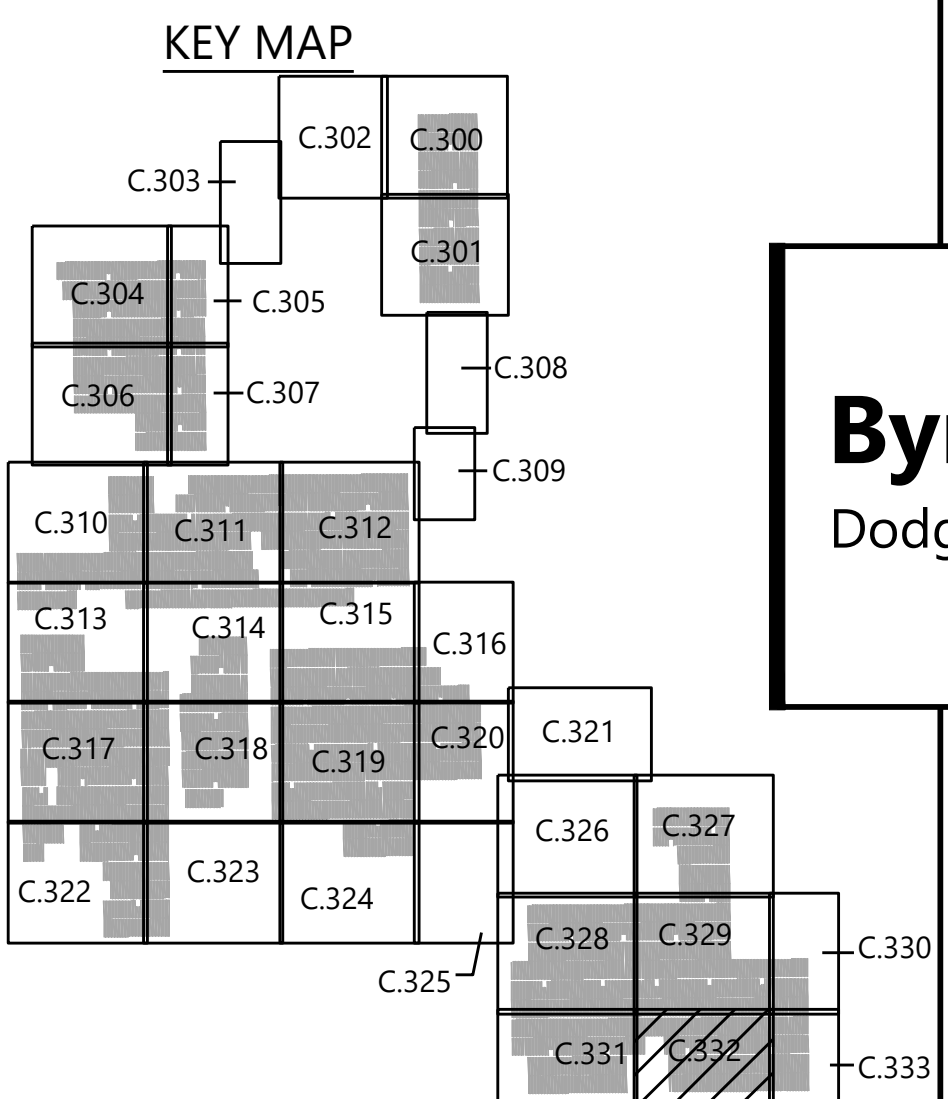
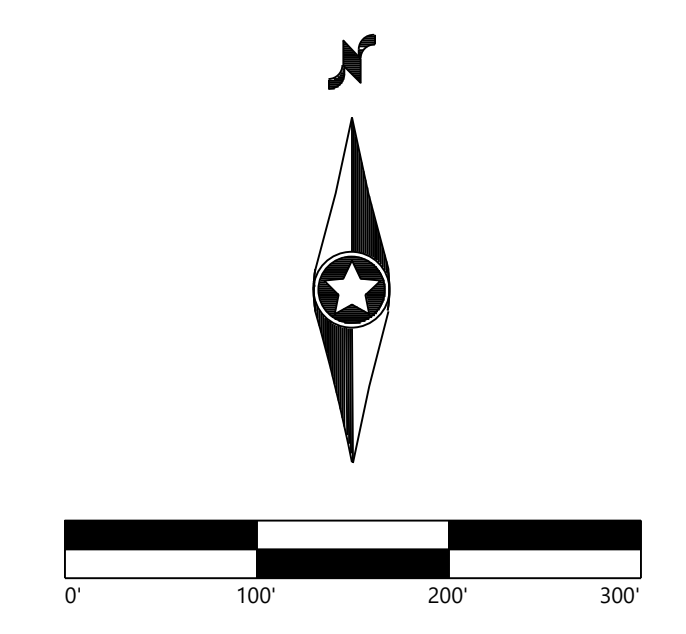
PREPARED FOR:

edf
renewables

10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 33

ISSUED FOR REVIEW

DATE: 04/21/2021
 SHEET: C.332

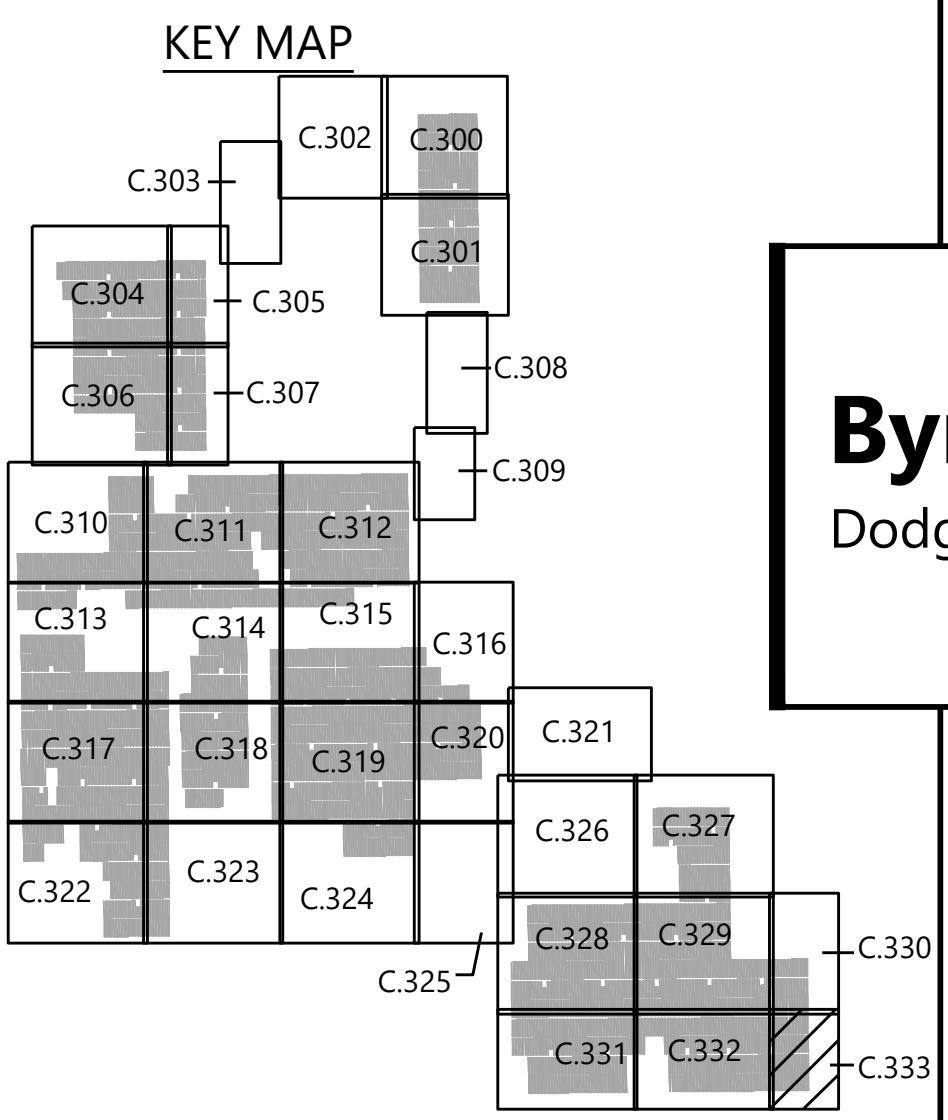
www.westwoodps.com



LEGEND:

[Pink Line]	PROJECT BOUNDARY
[Grey Line]	EX. OVERHEAD POWER
[Blue Line]	EX. STREAM
[Patterned Area]	EX. WETLAND
[Dashed Line]	EX. INDEX CONTOUR
[Dashed Line]	EX. INTERVAL CONTOUR
[Shaded Area]	PROPOSED SOLAR ARRAY
[Dashed Line]	PROPOSED MODULE SETBACK
[Grey Line]	PROPOSED ACCESS ROAD
[Line with 'x']	PROPOSED SECURITY FENCE
[Line with 'p-ph']	PROPOSED HV OVERHEAD GEN-TIE LINE
[Line with 'lmv']	PROPOSED UNDERGROUND COLLECTOR
[Red Dashed Line]	PROPOSED EASEMENT LINE
[Grey Box]	PROPOSED SUBSTATION
[Cross-hatch Pattern]	PROPOSED LAYDOWN YARD
[GL Box]	PROPOSED GRADING LIMITS
[Square Box]	PROPOSED ELECTRICAL EQUIPMENT
[Dashed Line]	PROPOSED INDEX CONTOUR
[Dashed Line]	PROPOSED INTERVAL CONTOUR
[Line with 'sf']	PROPOSED CULVERT
[Red Line]	PROPOSED SILT FENCE
[Red Hatched Area]	PROPOSED ROCK CONSTRUCTION ENTRANCE
[Red Line]	PROPOSED BERM
[Green Line]	PROPOSED OUTLET PIPE
[Green Line]	PROPOSED LOW WATER CROSSING
[Light Blue Area]	FLOOD DEPTH 1.0'-2.0'
[Dark Blue Area]	FLOOD DEPTH 2.0'-3.0'
[Darkest Blue Area]	FLOOD DEPTH >3.0'

- NOTES:**
1. MINOR SURFACE SMOOTHING MAY OCCUR FOR SOLAR PANEL INSTALLATION
 2. CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 3. SITE PREPARATION INCLUDES BUT IS NOT LIMITED TO CLEARING/GRUBBING, MINOR GRADING, COMPACTION, MOWING OF VEGETATION, AND RESTABILIZATION OF DISTURBED AREA.
 4. ACCESS ROADS WILL BE CONSTRUCTED TO MATCH THE SURROUNDING EXISTING GROUND ELEVATIONS TO ALLOW THE CONTINUATION OF DRAINAGE PATTERNS.
 5. OVERALL DRAINAGE PATTERNS WILL NOT BE ALTERED WITH SOLAR DEVELOPMENT.
 6. A SITE SPECIFIC SWPPP AND SPECIFIC BEST MANAGEMENT PRACTICES WILL BE PROVIDED WITH THE FINAL DESIGN.
 7. EXISTING OVERHEAD TRANSMISSION LINE VOLTAGE HAS BEEN APPROXIMATED TO BE BETWEEN 69 AND 115 KV. NOTE THIS IS JUST AN APPROXIMATION. EXACT VOLTAGE TO BE VERIFIED WITH UTILITY.
- PROPOSED GRADING ESTIMATION: 907 AC



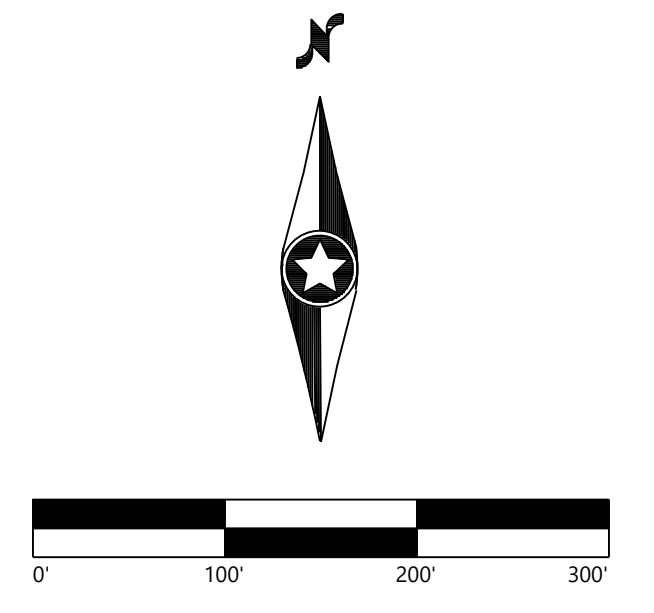
Westwood
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
 Fax (952) 937-5822 Minnetonka, MN 55343
 Toll Free (888) 937-5150 westwoodps.com
 Westwood Professional Services, Inc.

PREPARED FOR:

 10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



Byron Solar
 Dodge County, MN

Civil Site Plan - 34

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.333

www.westwoodps.com | P:\Projects\2021\04\21\20210421\042121\042121_244_PSW_042121.dwg | 4/21/2021 2:44 PM | User: j...

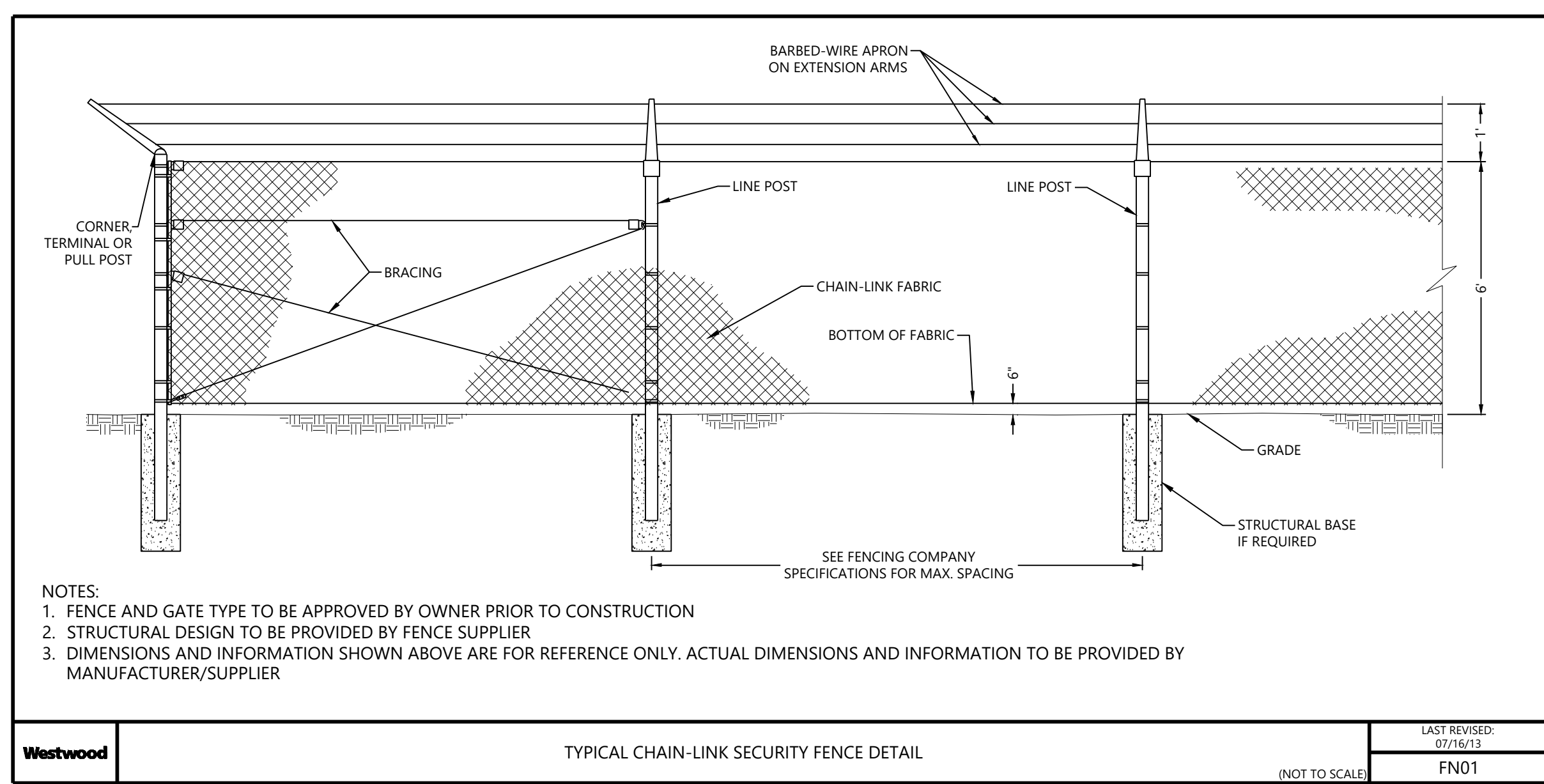
PREPARED FOR:



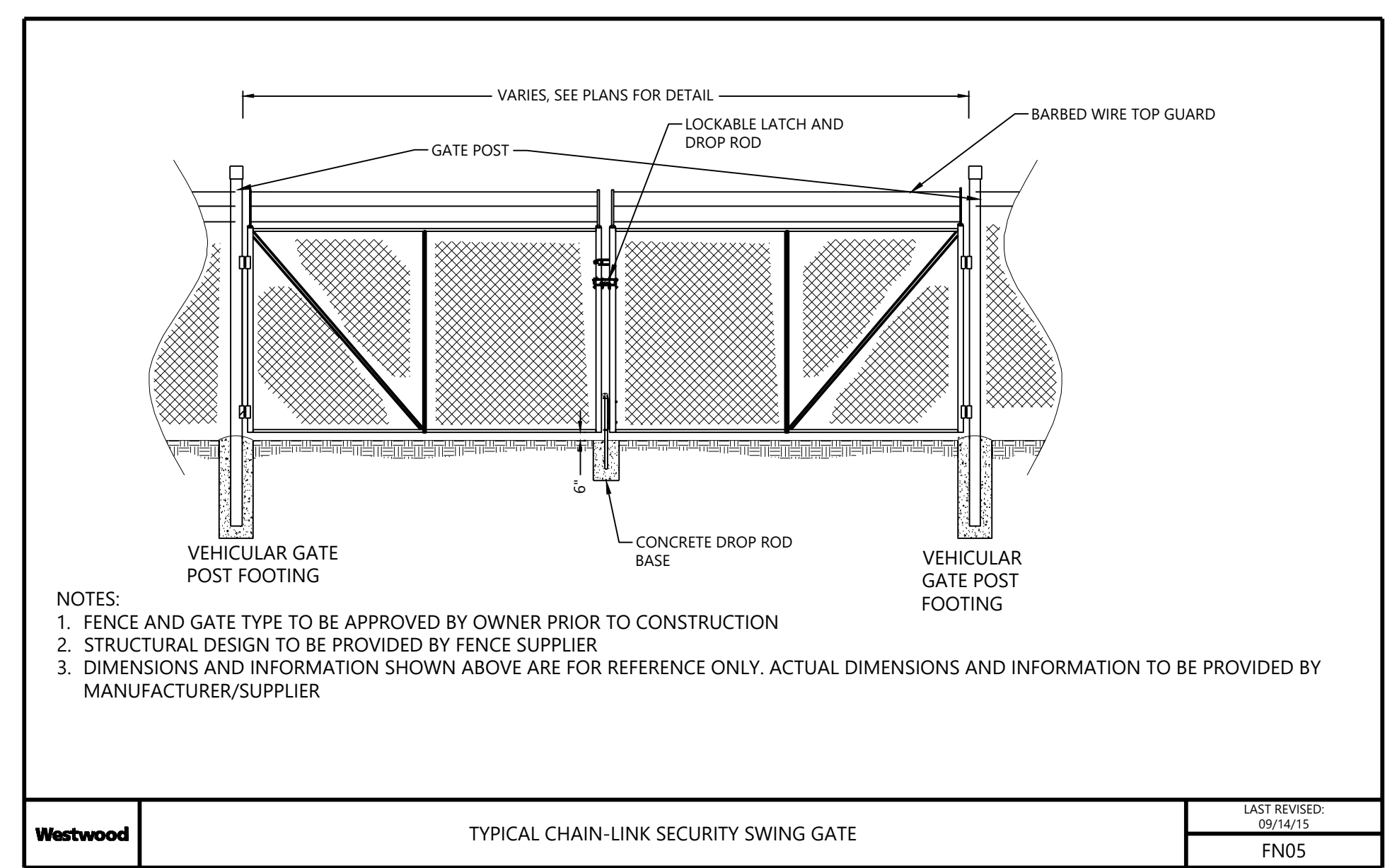
10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

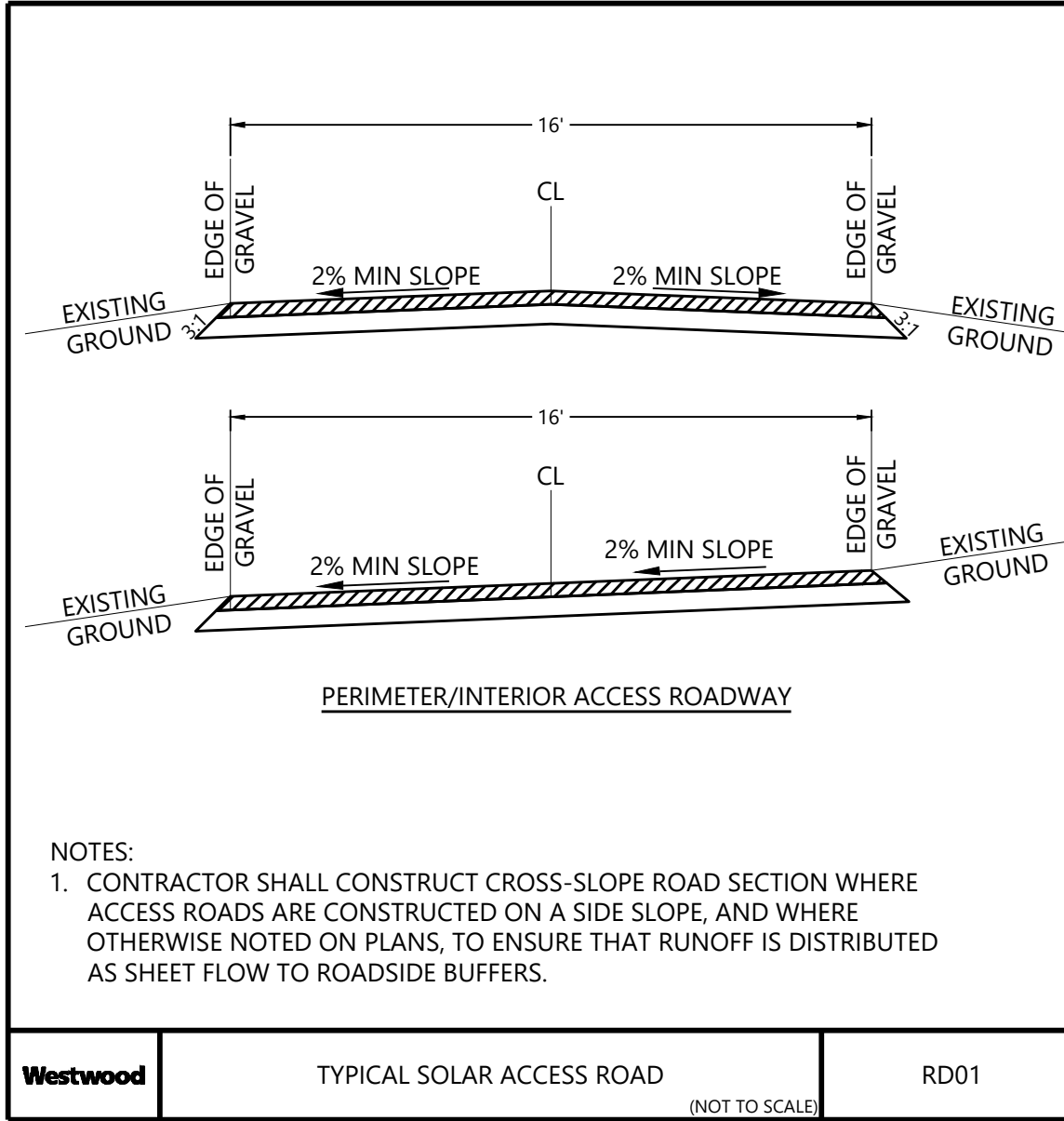
#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW



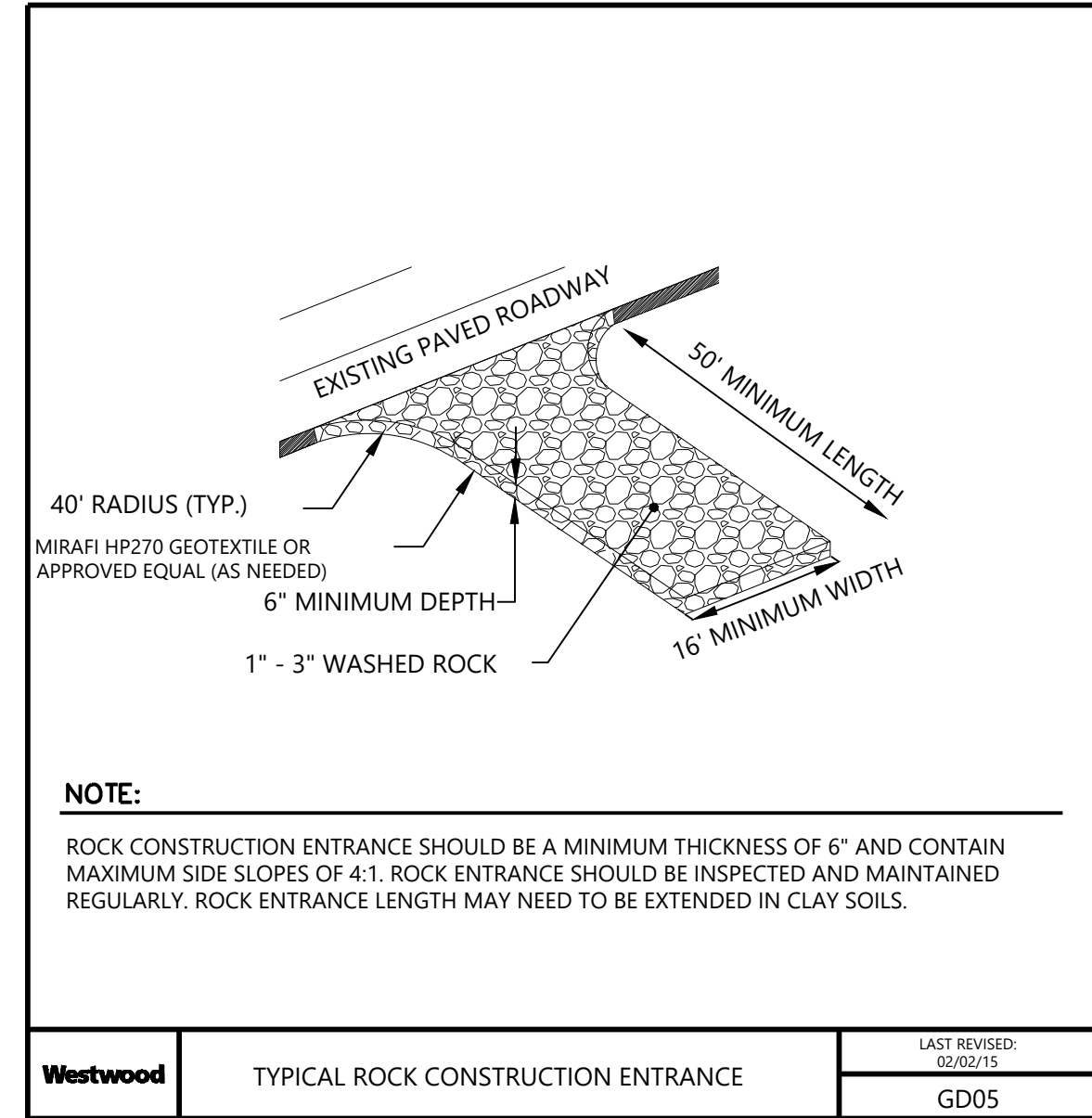
Westwood TYPICAL CHAIN-LINK SECURITY FENCE DETAIL (NOT TO SCALE) FN01 LAST REVISED: 07/16/13



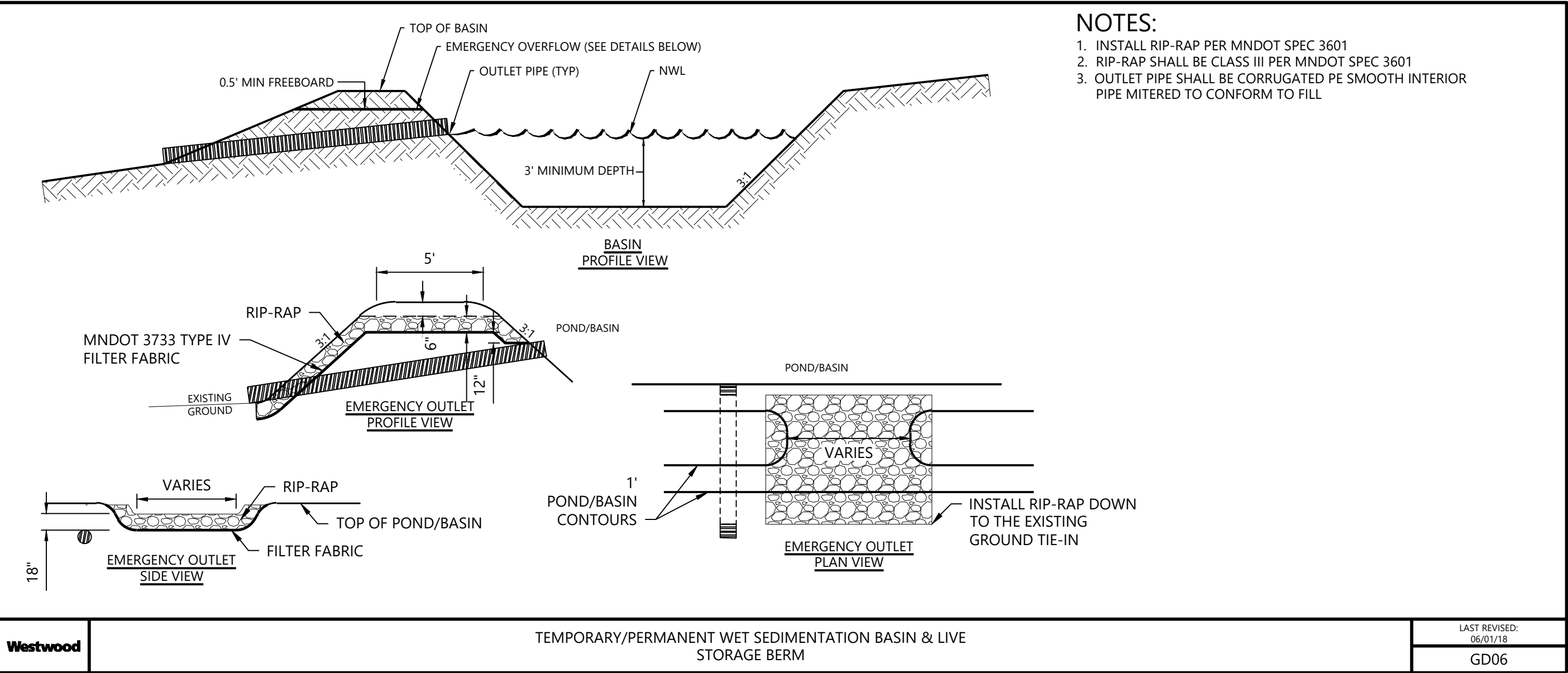
Westwood TYPICAL CHAIN-LINK SECURITY SWING GATE (NOT TO SCALE) FN05 LAST REVISED: 09/14/15



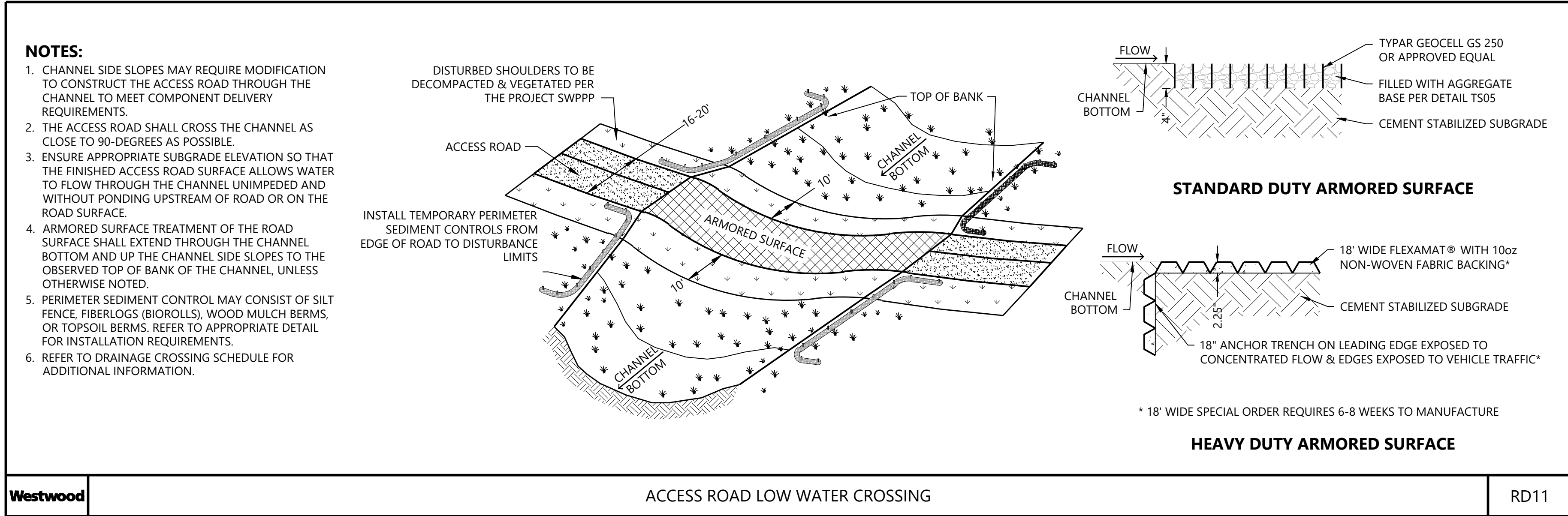
Westwood TYPICAL SOLAR ACCESS ROAD (NOT TO SCALE) RD01



Westwood TYPICAL ROCK CONSTRUCTION ENTRANCE (NOT TO SCALE) GD05 LAST REVISED: 09/02/15



Westwood TEMPORARY/PERMANENT WET SEDIMENTATION BASIN & LIVE STORAGE BERM (NOT TO SCALE) GD06 LAST REVISED: 06/07/18



Westwood ACCESS ROAD LOW WATER CROSSING (NOT TO SCALE) RD11

Byron Solar
 Dodge County, MN

Construction Details - 1

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.600

www.westwoodps.com | 4500 Highway 101, Suite 100, Minnetonka, MN 55343 | 481-0201 | 24x7 Westwood Fax

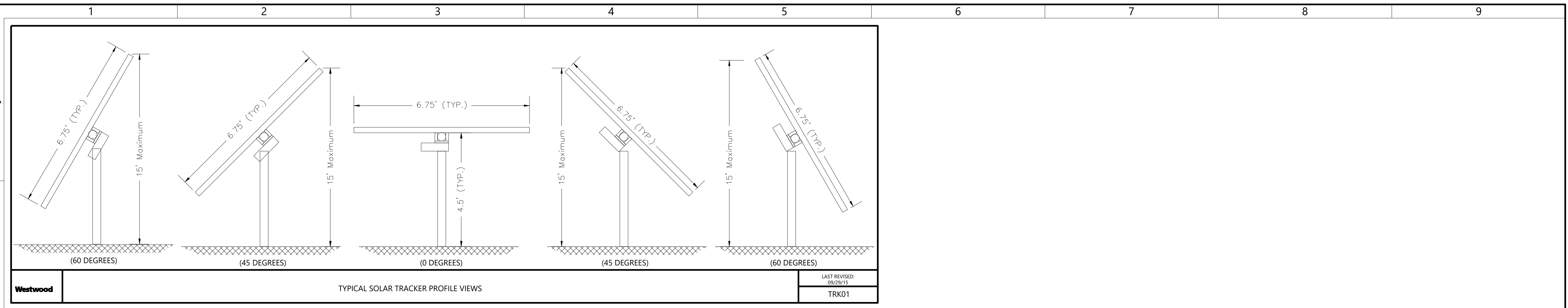
PREPARED FOR:



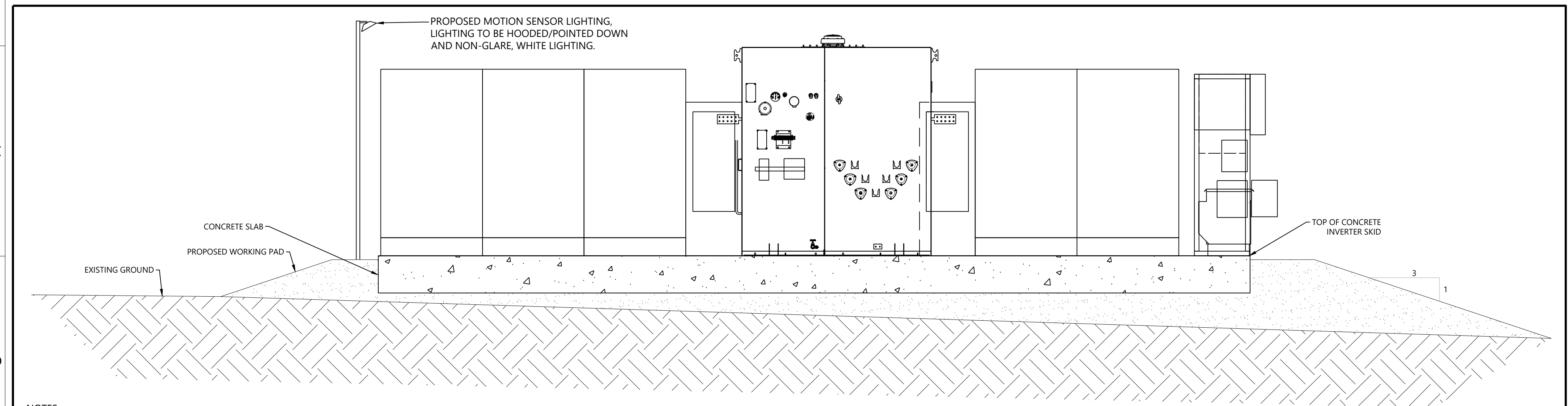
10 Second St, NE Suite 400
 Minneapolis, MN 55413

REVISIONS:

#	DATE	COMMENT
A	04/07/21	ISSUED FOR REVIEW
B	04/21/21	ISSUED FOR REVIEW

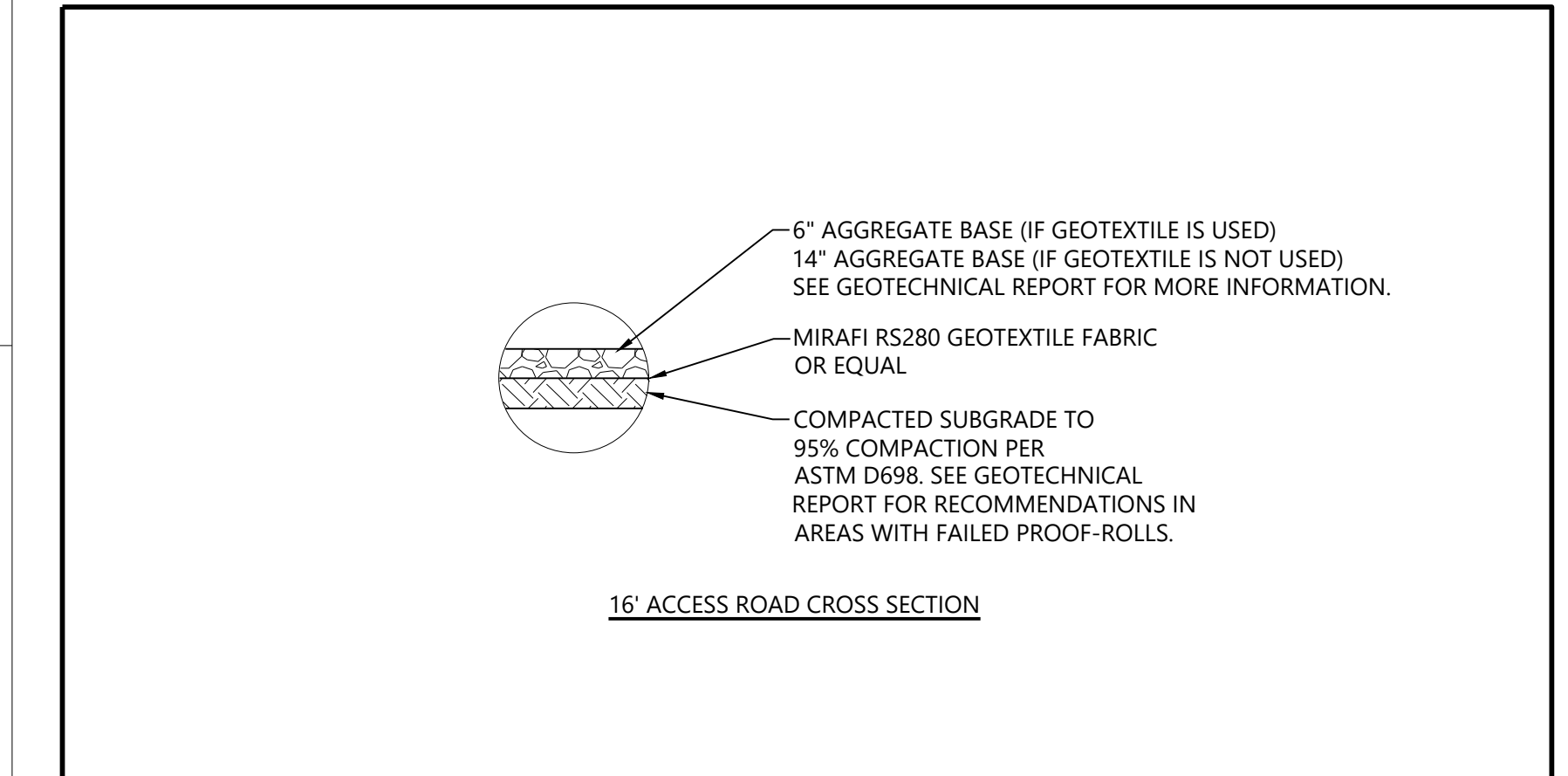


Westwood TYPICAL SOLAR TRACKER PROFILE VIEWS TRK01 LAST REVISED: 09/29/15



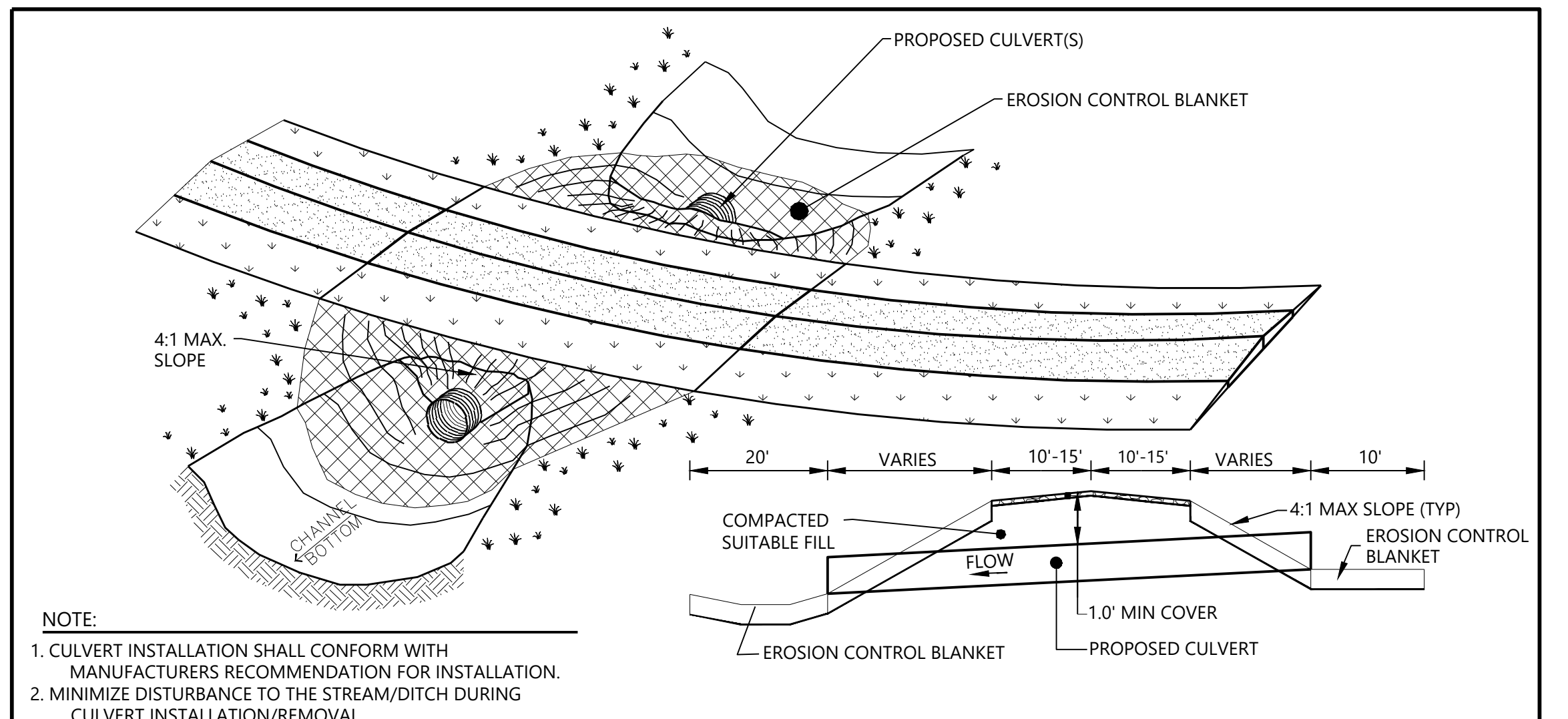
NOTES:
 1. WORKING PAD TO BE CONSTRUCTED ON SIDES OF INVERTER SKID THAT HAVE OPENINGS TO CABINETS AND EQUIPMENT SWITCHES THAT ARE GREATER THAN 6' IN HEIGHT FROM SITE FINISHED GRADE
 2. BACKFILL TO BE INSTALLED AFTER ALL CONDUIT ROUTING HAS BEEN COMPLETED AND APPROVED.
 3. SOIL SHALL BE BACKFILLED AROUND INVERTER PAD IF A WORKING SURFACE IS NEEDED FOR ELECTRICAL EQUIPMENT.

Westwood TYPICAL SOLAR INVERTER ON CONCRETE SLAB TRK02 LAST REVISED: 09/29/15



NOTES:
 STRUCTURAL SECTIONS SHOWN ARE THE MINIMUM THICKNESS REQUIREMENTS DURING NORMAL FIELD CONDITIONS. THE SECTIONS MAY NEED TO BE INCREASED BASED ON ACTUAL FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. CONDITIONS INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION DURING UNUSUALLY WET PERIODS, OR IN LOW/WET AREAS. DESIGN IS PRELIMINARY AND IS SUBJECT TO CHANGE.

Westwood TYPICAL STRUCTURAL CROSS SECTIONS RD02 LAST REVISED: 07/15/13



NOTE:
 1. CULVERT INSTALLATION SHALL CONFORM WITH MANUFACTURERS RECOMMENDATION FOR INSTALLATION.
 2. MINIMIZE DISTURBANCE TO THE STREAM/DITCH DURING CULVERT INSTALLATION/REMOVAL.

Westwood TYPICAL CULVERT DETAIL RD10

Byron Solar
 Dodge County, MN

Construction Details -
 2

ISSUED FOR REVIEW

DATE: 04/21/2021

SHEET: C.601

www.westwoodps.com | 4201 20th St, Suite 200, Minnetonka, MN 55343 | (952) 937-5150