

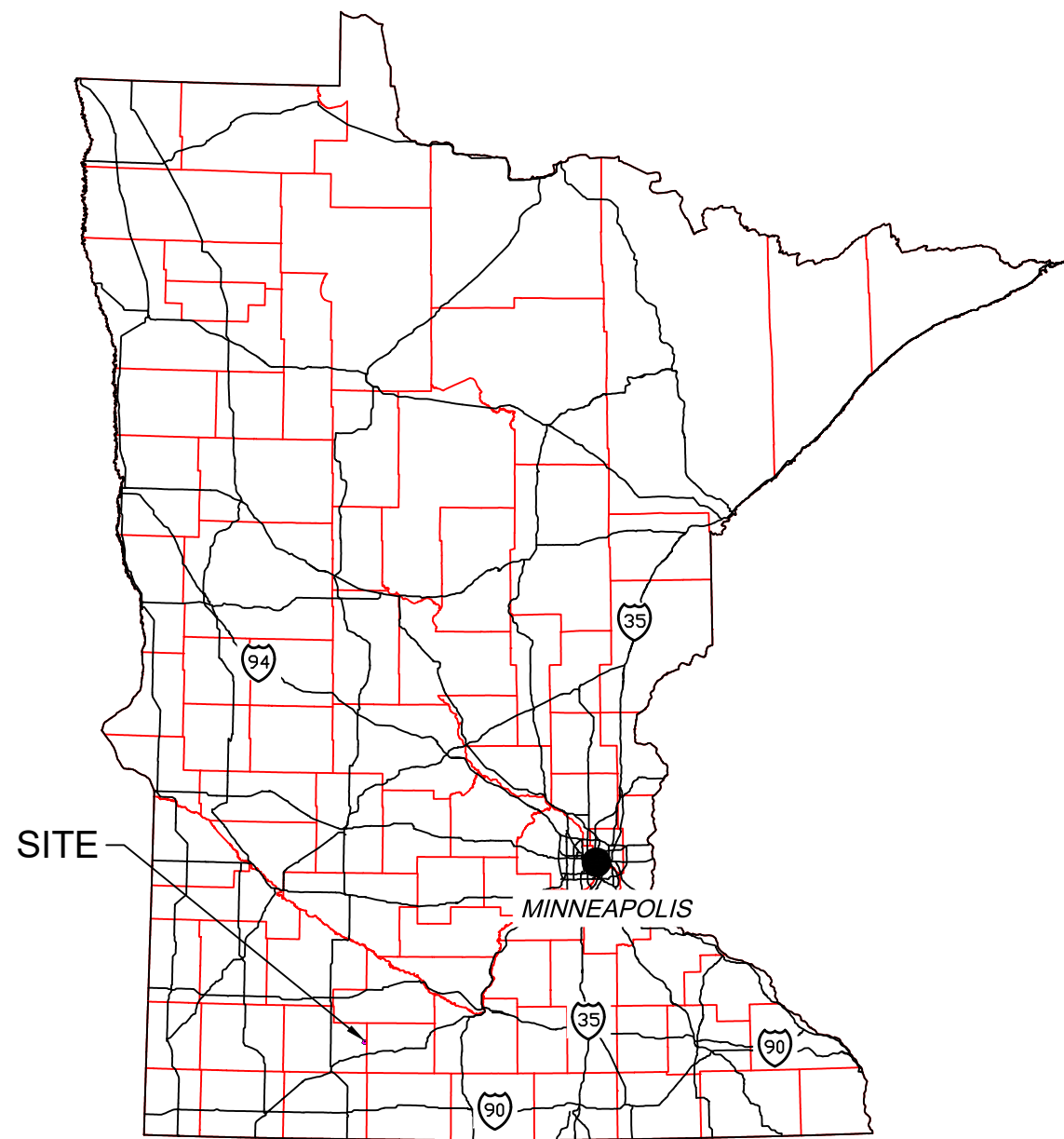
Appendix B

Site Plan

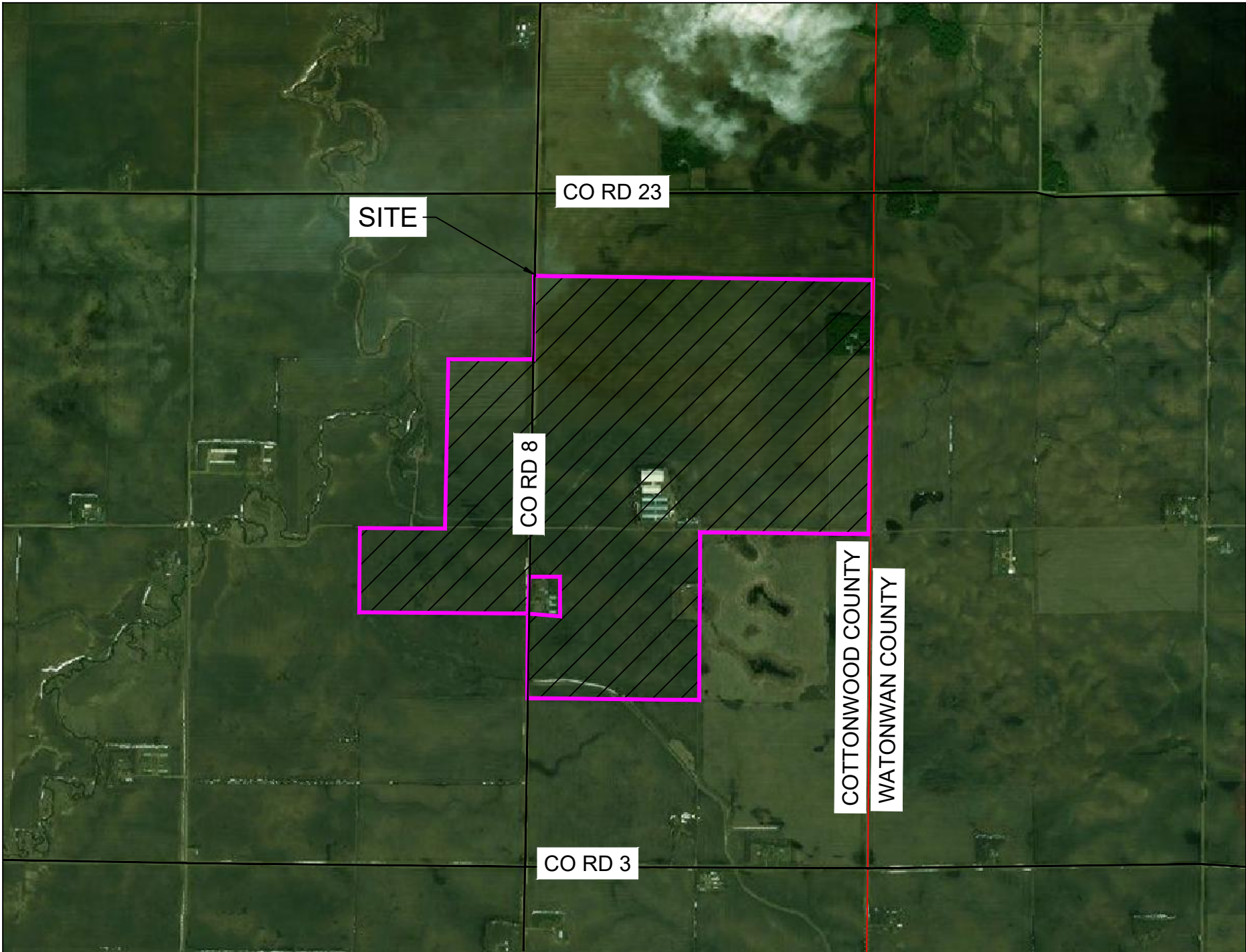
RED ROCK SOLAR

COTTONWOOD COUNTY

MINNESOTA



STATE MAP



VICINITY MAP
SCALE: 1" = 2,000'

Sheet List Table	
Sheet Number	Sheet Title
C0.00	COVER
C1.00	EXISTING CONDITIONS
C2.00	OVERALL SITE PLAN
C2.01	SITE PLAN
C2.02	SITE PLAN
C2.03	SITE PLAN
C2.04	SITE PLAN
C2.05	SITE PLAN
C2.06	SITE PLAN
C2.07	SITE PLAN
C2.08	SITE PLAN
C2.09	SITE PLAN
C2.10	SITE PLAN
C2.11	SITE PLAN
C3.00	DRAINAGE PLAN
C4.00	NOTES & DETAILS
C4.01	NOTES & DETAILS
C4.02	NOTES & DETAILS
C4.03	NOTES & DETAILS
L1.00	SEEDING PLAN

CONTACT INFORMATION				
COMPANY	TITLE	NAME	CONTACT PHONE	CONTACT EMAIL
APEX CLEAN ENERGY	DEVELOPER	DYLAN IKKALA	484-634-9298	dylan.ikkala@apexcleanenergy.com
TIMMONS GROUP	PROJECT MANAGER	MARCUS TREW	469-810-0232	marcus.trew@timmons.com

DATA SOURCE TABLE			
DATA TYPE	PROVIDED BY	FILE NAME	DATE
PV ARRAY	TIMMONS GROUP	SPARAY.DWG	07/02/2020
COLLECTION LAYOUT	TIMMONS GROUP	SPARAY.DWG	07/02/2020
LEASE STATUS	APEX	Big_Lease status	07/07/2020
TOPOGRAPHY	BEARING TREE LAND SURVEYING, LLC	Big_Bend_Windfarm_Contours_Final	05/19/2020
AERIAL IMAGERY	BEARING TREE LAND SURVEYING, LLC	Big_Bend_Mosaic.ecw	05/21/2020
WETLANDS & STREAMS	APEX	RedRock_FieldDelineationShapes_20200521.kmz	05/21/2020

PROJECT DESCRIPTION & NOTES

- TOTAL SITE: ±792 AC
- CURRENT USE: AGRICULTURAL AREA
PROPOSED USE: SOLAR
- NO PERMANENT LIGHTING REQUIRED OR PROPOSED.
- COORDINATE SYSTEM- MINNESOTA STATE PLANE NAD 83 SOUTH FEET. (MN83-SF)



DEVELOPER

310 4TH ST. NE, SUITE 300
CHARLOTTESVILLE, VA 22902



ENGINEER

TIMMONS GROUP
7501 LONE STAR DRIVE
SUITE B250
PLANO, TX 75025
PHONE: (469)810-0231

- 

CONTRACTOR IS FULLY RESPONSIBLE FOR CONTACTING APPROPRIATE PARTIES AND ASSURING THAT EXISTING UTILITIES ARE LOCATED PRIOR TO CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.

ALL PAVEMENT CUTS, CONCRETE, OR ASPHALT, ARE TO BE REPLACED ACCORDING TO THE STANDARDS OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION AND COTTONWOOD COUNTY TRANSPORTATION/UTILITIES SPECIFICATIONS.

SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1026 SUBPART P, OR AS AMENDED.



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CLIENT
APEX CLEAN ENERGY
310 4TH ST. NE, SUITE 300
CHARLOTTESVILLE, VA 22902

PROJECT NAME & ADDRESS

RED ROCK SOLAR
COTTONWOOD COUNTY, MN

DATE
08/13/2020

PROJECT NUMBER
35859.048

PROJECT NAME
RED ROCK SOLAR

PRELIMINARY
DESIGNED BY / DRAWN BY
M. TREW / M. TREW

SEAL

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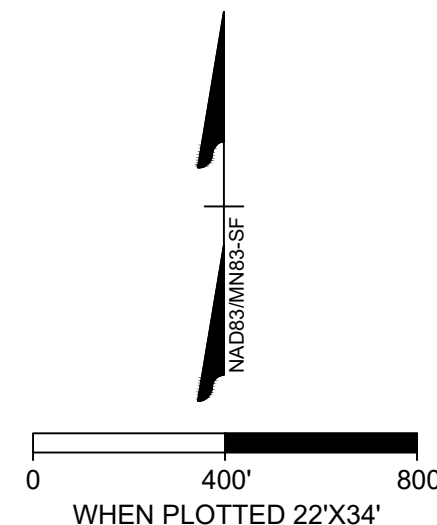
REVISIONS

#	MMDDYY	DESCRIPTION

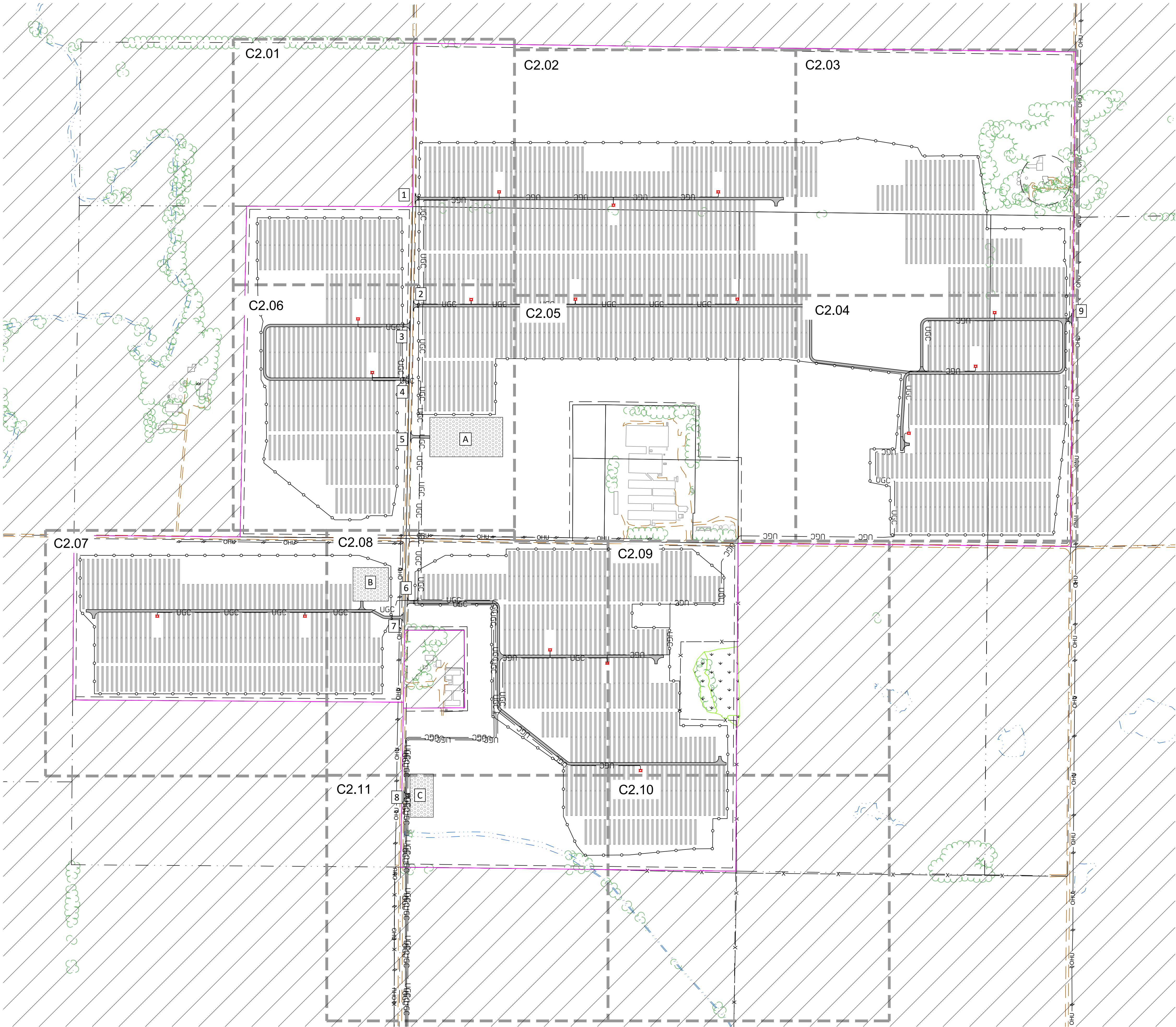
DRAWING DESCRIPTION

COVER

SCALE	SHEET NUMBER
NA	C0.00



1" = 400'	C1.00
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EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL LINE
- ADJOINING PARCEL LINE
- FENCE LINE
- OVERHEAD UTILITY LINE
- WETLANDS
- TREE LINE
- UNPAVED ROAD
- CREEK LINE
- UNINHABITABLE BUILDING
- HABITABLE BUILDING
- TANK
- POWER POLE

PROPOSED LEGEND

- PROJECT BOUNDARY
- MODULE SETBACK
- PERMANENT FENCE
- TRACKER
- ACCESS ROAD
- LAYDOWN AREA
- UNDERGROUND COLLECTION
- INVERTER LOCATION (15)
- JUNCTION BOX LOCATION (4)
- GATE LOCATION (9)
- DRIVEWAY ACCESS (9)
- LAYDOWN AREAS (A-C)
- PLAN SHEETS

PROJECT SETBACK/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 CONVERSATION LANDS	200' (NONE IN PROJECT AREA)

Y:\841\35859.048 Red Rock\DWG\Sheet\CD\35859.048-C2.00-SITE OVERALL.dwg Plotted on 8/13/2020 8:23 AM by Marcus Treu

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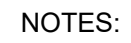
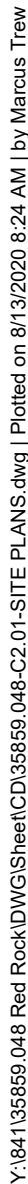
REVISIONS

#	MMDDYY	DESCRIPTION

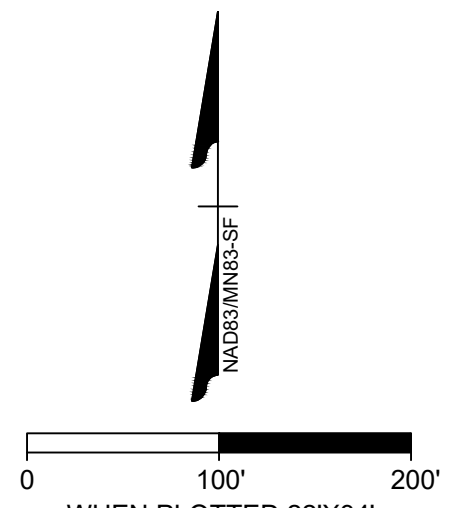
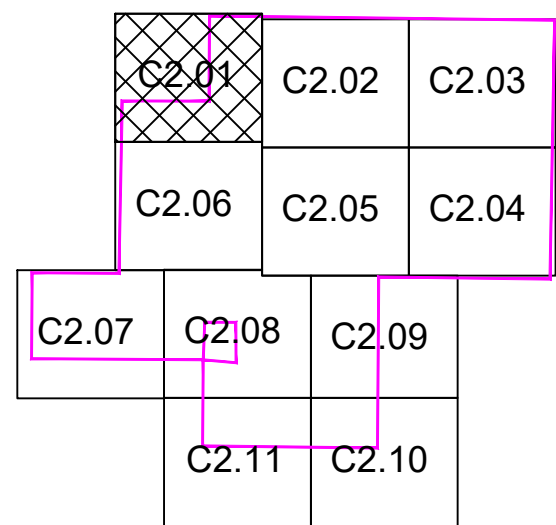
DRAWING DESCRIPTION

OVERALL SITE PLAN

SCALE 1" = 400'	SHEET NUMBER C2.00
--------------------	-----------------------



1. MINOR SURFACE SMOOTHING MAY BE NECESSARY 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 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. DRAIN TILE TO BE AVOIDED WHERE POSSIBLE. WHEN DAMAGED, CONTRACTOR TO REPAIR/REPLACE DRAIN TILE.





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APEX
CLEAN ENERGY

310 4TH ST. NE, SUITE 300
CHARLOTTEVILLE, VA 22902

PROJECT NAME & ADDRESS

RED ROCK SOLAR
COTTONWOOD COUNTY, MN

DATE
08/13/2020

PROJECT NUMBER
35859.048

PROJECT NAME
RED ROCK SOLAR
PRELIMINARY

DESIGNED BY / DRAWN BY
M. TREW / M. TREW

SEAL

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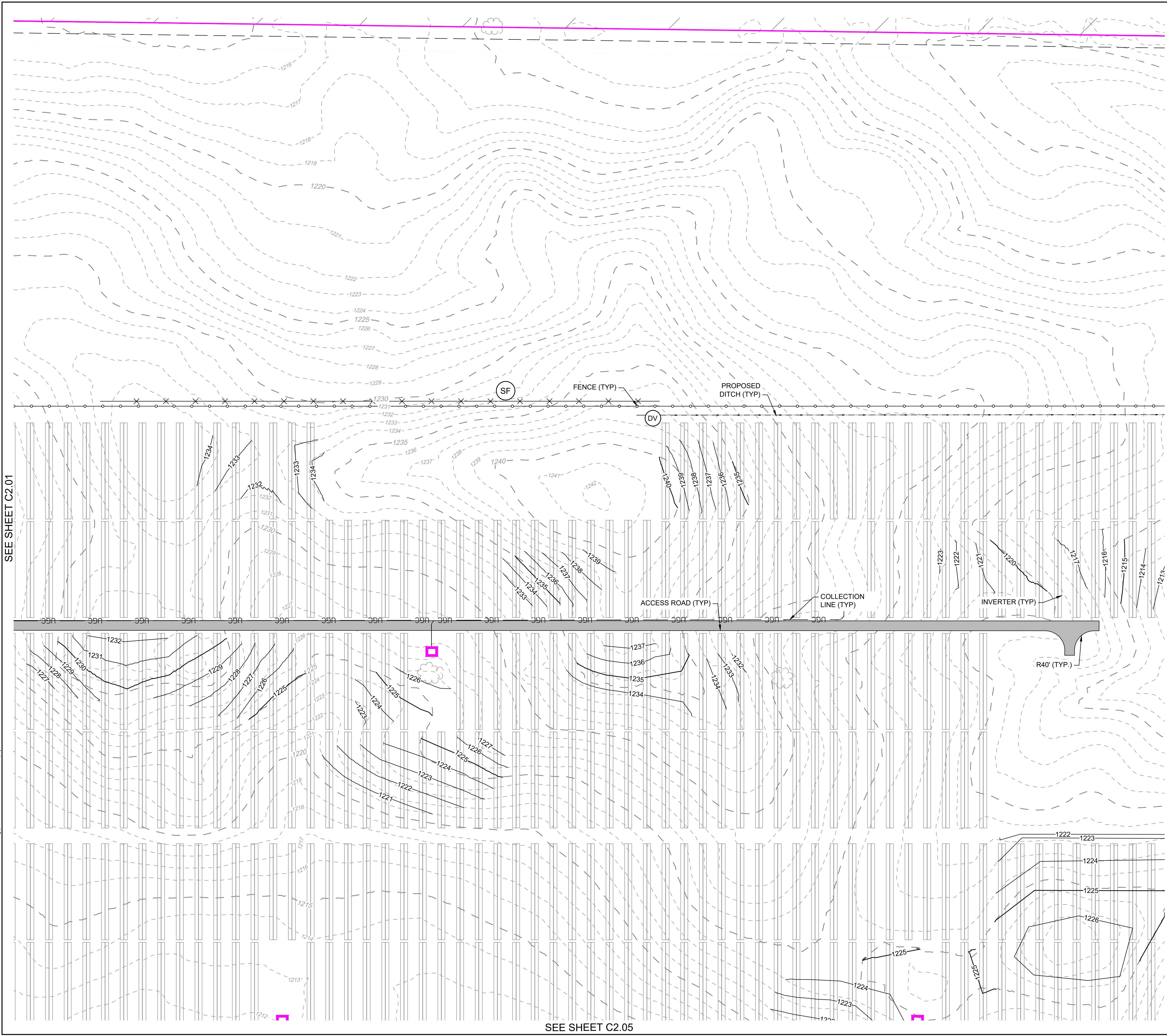
#	MM/DD/YY	DESCRIPTION

DRAWING DESCRIPTION

SITE PLAN

SCALE 1" = 100'	SHEET NUMBER C2.01
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Y:\841\35859.048 Red Rock\DWG\Sheet\CD\35859.048-C2.01-SITE PLANS.dwg [Plotted on 8/13/2020 5:24 AM] by Marcus Trew



EXISTING LEGEND

OUTSIDE OF PROJECT BOUNDARY

PARCEL LINE

ADJOINING PARCEL LINE

FENCE LINE

OVERHEAD UTILITY LINE

WETLANDS

TREE LINE

UNPAVED ROAD

CREEK LINE

UNINHABITABLE BUILDING

HABITABLE BUILDING

TANK

POWER POLE

PROPOSED LEGEND

MODULE SETBACK

PERMANENT FENCE

TRACKER

ACCESS ROAD

LAYDOWN AREA

UNDERGROUND COLLECTION

INVERTER LOCATION (15)

JUNCTION BOX LOCATION (4)

GATE LOCATION (9)

DRIVEWAY ACCESS (9)

LAYDOWN AREAS (A-C)

PROPOSED CONTOUR

SILT FENCE

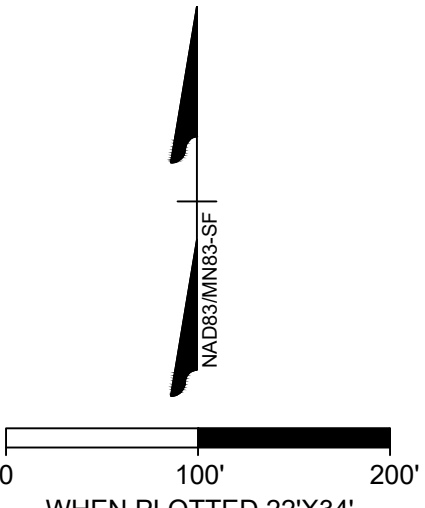
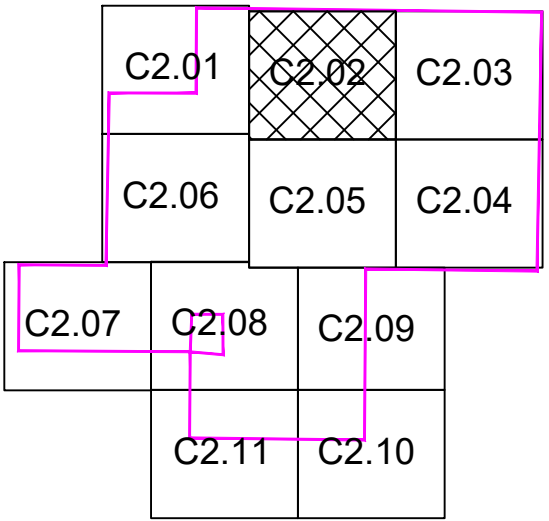
DIVERSION DITCH

RIP-RAP

LOW WATER CROSSING

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KEY MAP



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CLEAN ENERGY

310 4TH ST. NE, SUITE 300

CHARLOTTESVILLE, VA 22902

PROJECT NAME & ADDRESS

RED ROCK SOLAR

COTTONWOOD COUNTY, MN

DATE

08/13/2020

PROJECT NUMBER

35859.048

PROJECT NAME

RED ROCK SOLAR

PRELIMINARY

DESIGNED BY / DRAWN BY

M. TREW / M. TREW

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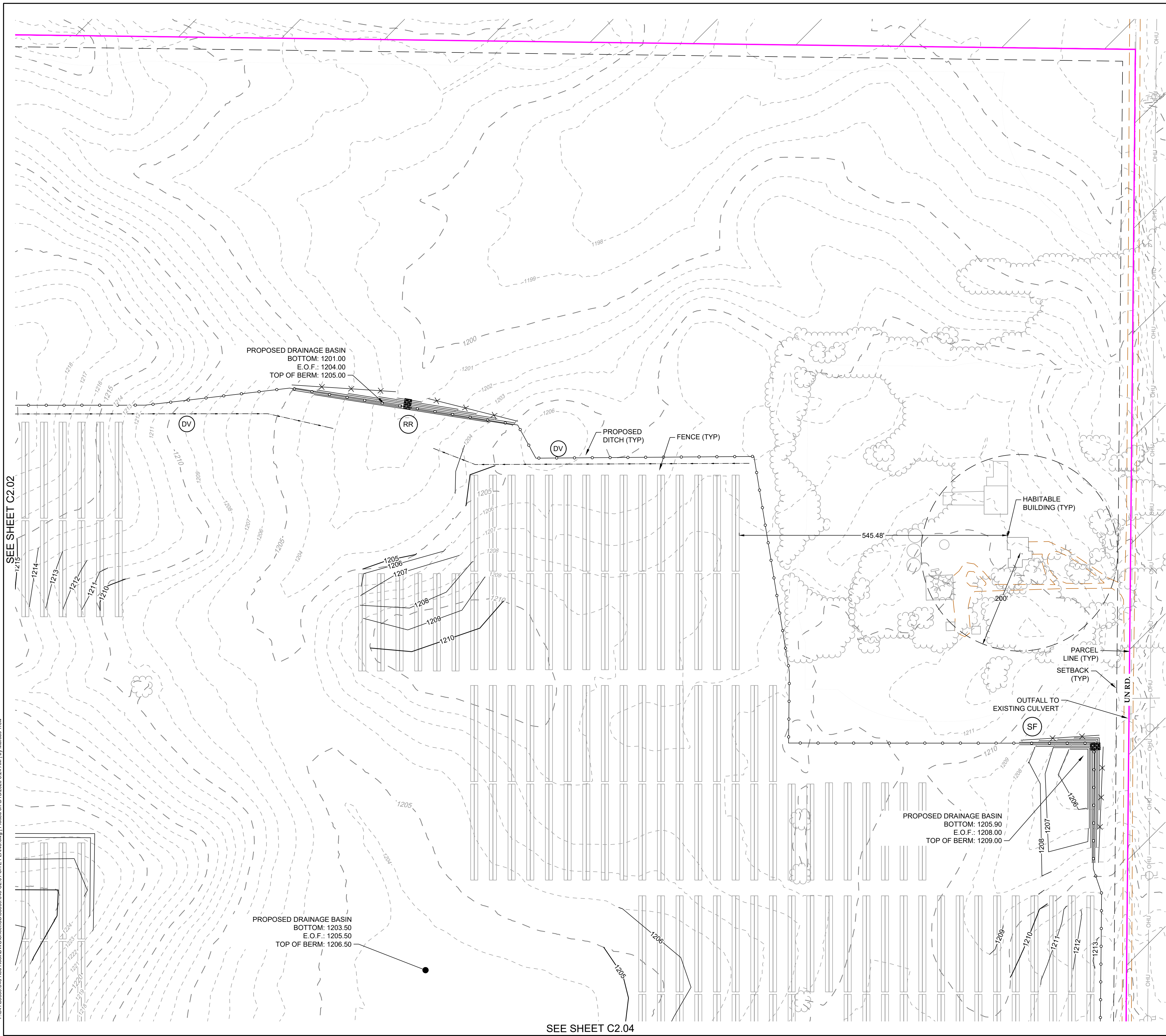
REVISIONS	
#	DESCRIPTION

DRAWING DESCRIPTION

SITE PLAN

SCALE	SHEET NUMBER
1" = 100'	C2.02

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EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL LINE
- ADJOINING PARCEL LINE
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KEY MAP

1" = 100'
WHEN PLOTTED 22"X34"

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APEX CLEAN ENERGY

RED ROCK SOLAR
COTTONWOOD COUNTY, MN

DATE: 08/13/2020
PROJECT NUMBER: 35859.048
PROJECT NAME: RED ROCK SOLAR
PRELIMINARY
DESIGNED BY / DRAWN BY: M. TREW / M. TREW

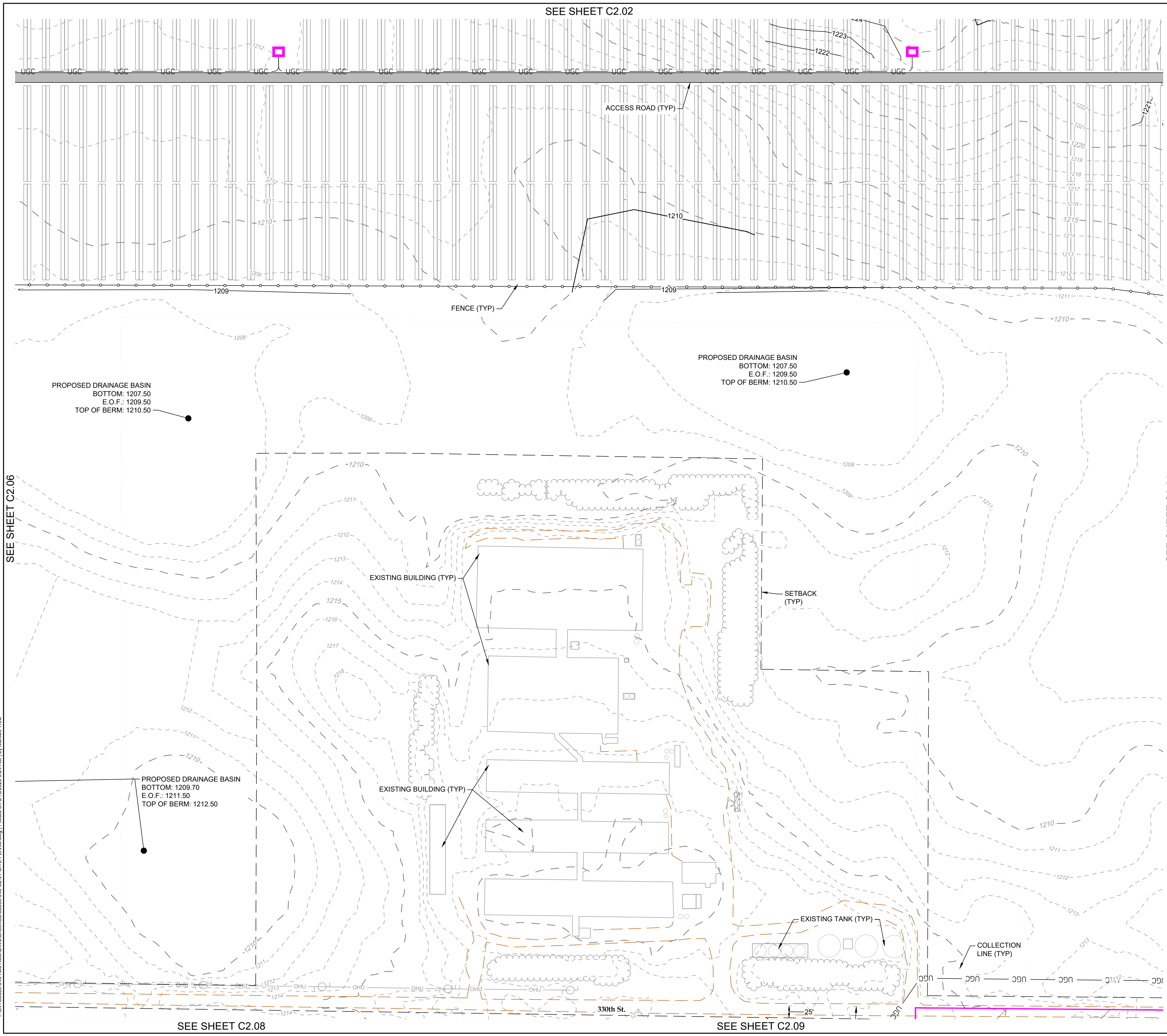
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REVISIONS	
#	DESCRIPTION

DRAWING DESCRIPTION: SITE PLAN

SCALE: 1" = 100'
SHEET NUMBER: C2.03



EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL LINE
- ADJOINING PARCEL LINE
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KEY MAP

C2.01	C2.02	C2.03
C2.06	C2.05	C2.04
C2.07	C2.08	C2.09
	C2.11	C2.10

CLIENT

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DESIGNED BY / DRAWN BY: M. TREW / M. TREW

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#	MMDDYY	DESCRIPTION

DRAWING DESCRIPTION

SITE PLAN

SCALE	SHEET NUMBER
1" = 100'	C2.05

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Y:\841\35859.048 Red Rock Solar\DWG\Sheet\C2.01-SITE PLANS.dwg [Plotted on 8/13/2020 5:25 AM] by Marcus Trew



EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
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KEY MAP

C2.01	C2.02	C2.03
C2.06	C2.05	C2.04
C2.07	C2.08	C2.09
	C2.11	C2.10

0 100' 200'
WHEN PLOTTED 22"X34"

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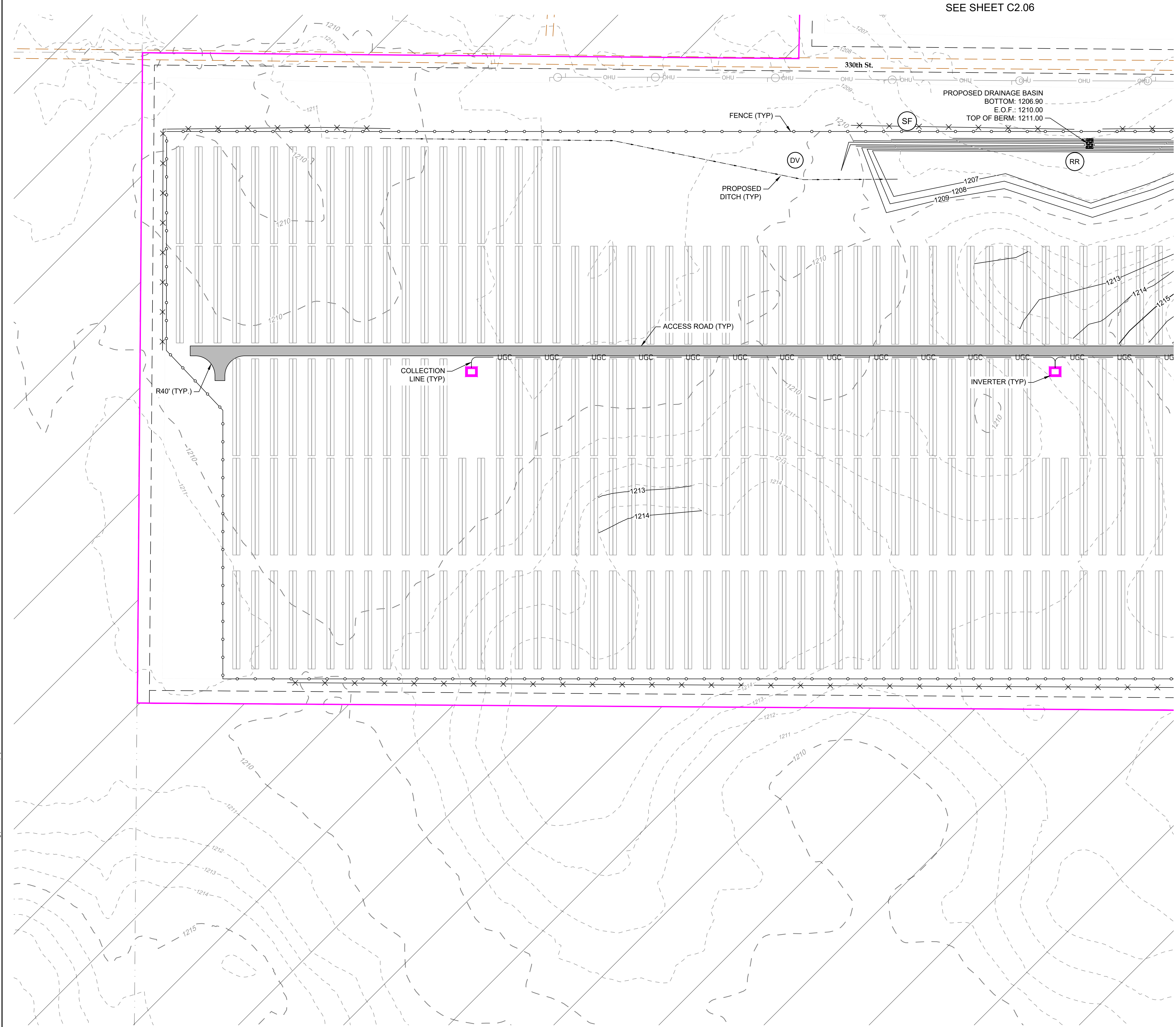
REVISIONS	
#	DESCRIPTION

DRAWING DESCRIPTION

SITE PLAN

SCALE 1" = 100'	SHEET NUMBER C2.06
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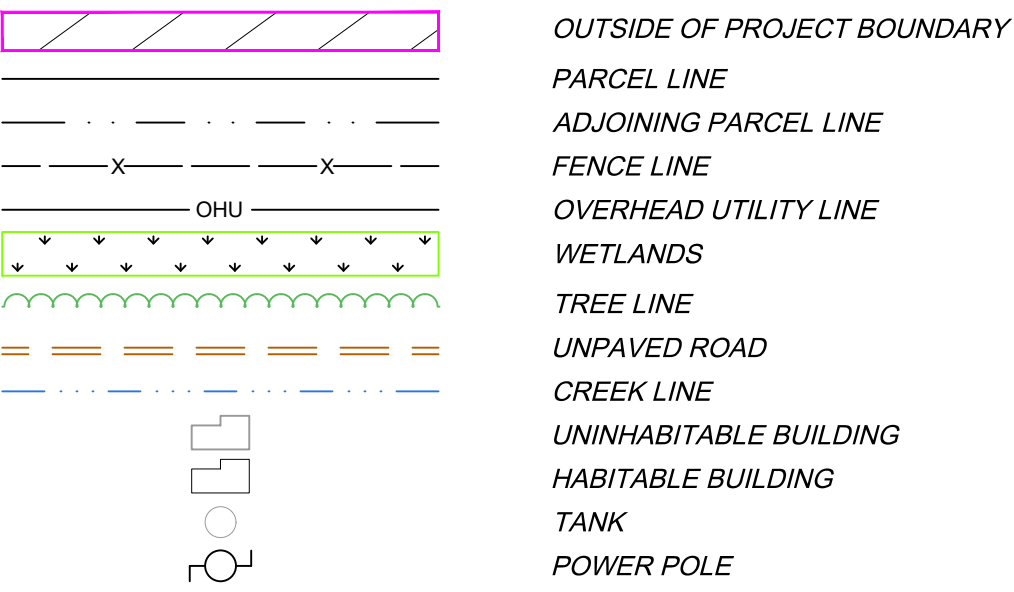
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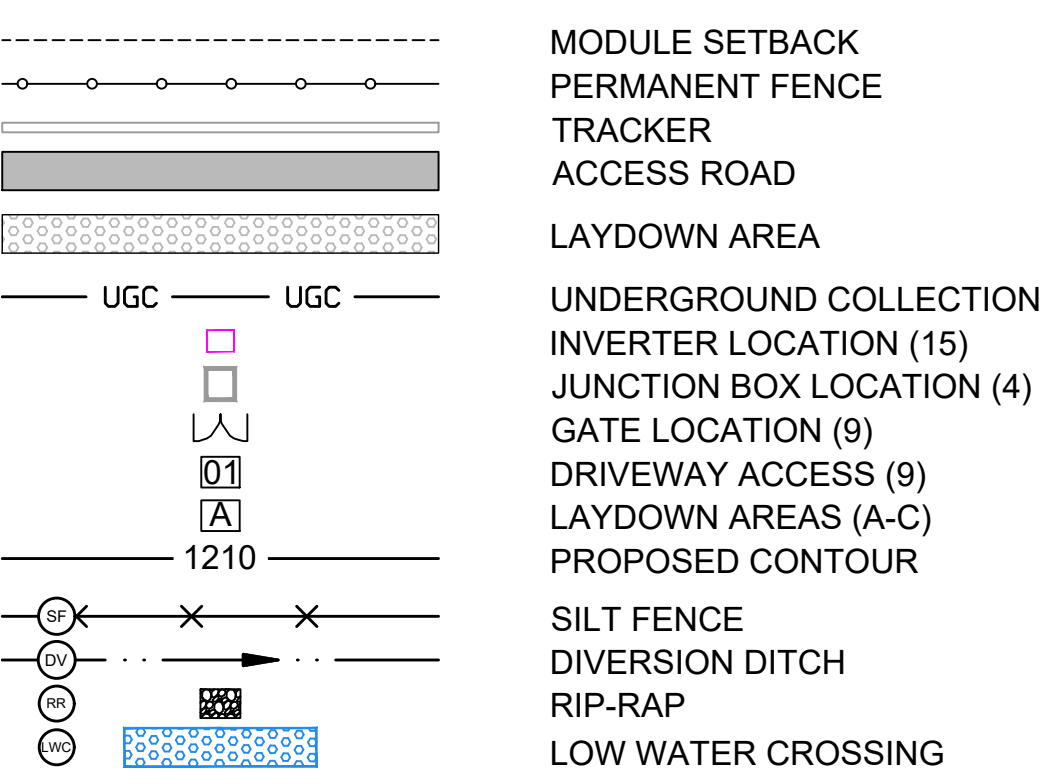
SEE SHEET C2.06

SEE SHEET C2.08

EXISTING LEGEND



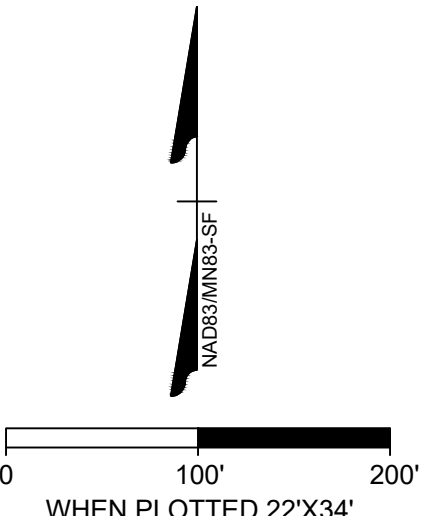
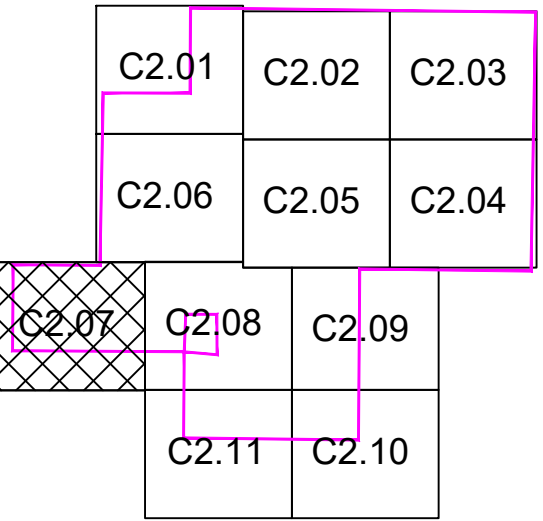
PROPOSED LEGEND



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KEY MAP



TIMMONS GROUP

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THIS OFFICE SERVES THE

DALLAS, TEXAS OFFICE

7501 Lone Star Road, Suite 8250 | Plano, TX 75024

TEL 469.810.0230 FAX 972.378.5855 www.timmons.com

CLIENT

APEX

CLEAN ENERGY

PROJECT NAME & ADDRESS

RED ROCK SOLAR
COTTONWOOD COUNTY, MN

DATE

08/13/2020

PROJECT NUMBER

35859.048

PROJECT NAME

RED ROCK SOLAR

PRELIMINARY

DESIGNED BY / DRAWN BY
M. TREW / M. TREW

SEAL

NOT FOR CONSTRUCTION

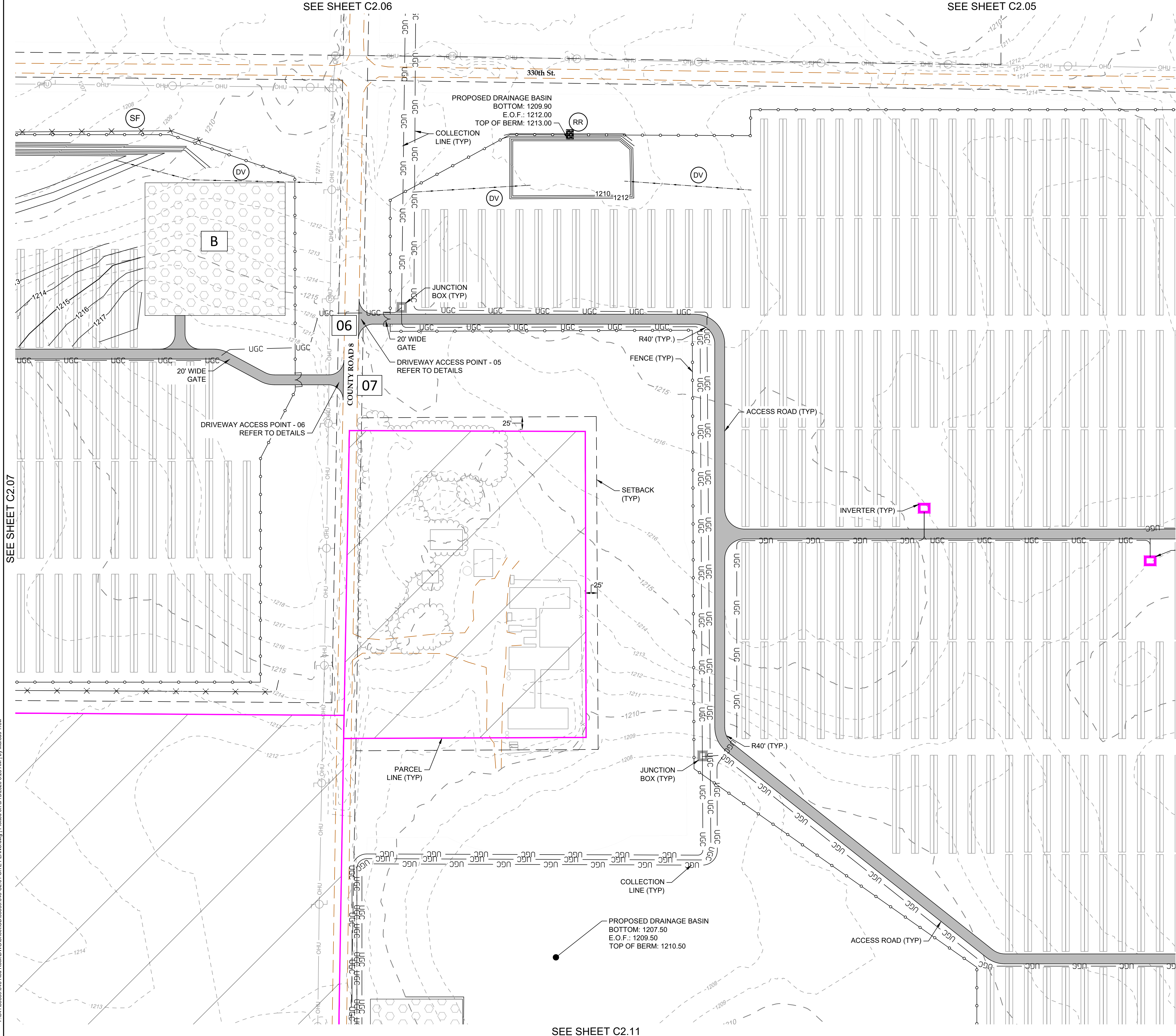
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REVISIONS	
#	DESCRIPTION

DRAWING DESCRIPTION

SITE PLAN

SCALE	SHEET NUMBER
1" = 100'	C2.07



EXISTING LEGEND

- OUTSIDE OF PROJECT BOUNDARY
- PARCEL LINE
- ADJOINING PARCEL LINE
- FENCE LINE
- OVERHEAD UTILITY LINE
- WETLANDS
- TREE LINE
- UNPAVED ROAD
- CREEK LINE
- UNINHABITABLE BUILDING
- HABITABLE BUILDING
- TANK
- POWER POLE

PROPOSED LEGEND

- MODULE SETBACK
- PERMANENT FENCE
- TRACKER
- ACCESS ROAD
- LAYDOWN AREA
- UNDERGROUND COLLECTION
- INVERTER LOCATION (15)
- JUNCTION BOX LOCATION (4)
- GATE LOCATION (9)
- DRIVEWAY ACCESS (9)
- LAYDOWN AREAS (A-C)
- PROPOSED CONTOUR
- SILT FENCE
- DIVERSION DITCH
- RIP-RAP
- LOW WATER CROSSING

- NOTES:
- MINOR SURFACE SMOOTHING MAY BE NECESSARY FOR SOLAR PANEL INSTALLATION.
 - CONTRACTOR SHALL INSTALL ALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO UPSLOPE DISTURBANCE ACTIVITIES.
 - SITE PREPARATION INCLUDES BUT 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.
 - DRAIN TILE TO BE AVOIDED WHERE POSSIBLE. WHEN DAMAGED, CONTRACTOR TO REPAIR/REPLACE DRAIN TILE.

KEY MAP

C2.01	C2.02	C2.03
C2.06	C2.05	C2.04
C2.07	C2.08	C2.09
	C2.11	C2.10

SCALE: 1" = 100'
WHEN PLOTTED 22"X34"

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RED ROCK SOLAR
COTTONWOOD COUNTY, MN

DATE: 08/13/2020
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PROJECT NAME: RED ROCK SOLAR
PRELIMINARY
DESIGNED BY / DRAWN BY: M. TREW / M. TREW

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REVISIONS	
#	DESCRIPTION

DRAWING DESCRIPTION
SITE PLAN

SCALE	SHEET NUMBER
1" = 100'	C2.08

Y:\841\35859.048 Red Rock\DWG\Sheets\C2\35859.048-C2.01-SITE PLANS.dwg [Plotted on 8/13/2020 5:25 AM] by Marcus Trew