



Appendix 4. Erosion Control Certification and Preliminary Plan



BALANCED ROCK

POWER

Ms. Nicole Hay
Director, Planning and Zoning, Morgan County
231 Ensign Street
P.O. Box 596
Fort Morgan, Colorado 80701

Re: Taelor Solar – Special Use Permit Application; Water and/or Wind Erosion Control Plan Certification

Dear Ms. Hay:

Taelor Solar 1, LLC, doing business as Balanced Rock Power Development LLC (“Balanced Rock Power”), has submitted an application for a Special Use Permit (“SUP”) for the Taelor Solar project (the “Project”) to be located south of Wiggins in Township 2 North Range 60 West. Pursuant to Morgan County’s SUP application submittal requirements and Morgan County’s Solar Collector Facility Regulations, specifically § 4-820(I), Balanced Rock Power hereby submits a Preliminary Erosion Control Plan and its 30% design for the Project, including a description of best management practices that will be utilized to prevent erosion and run-off during construction. For purposes of this application, the attached document constitutes a “30% Design Plan”. A final drainage and erosion control plan will be provided prior to commencement of Project construction.

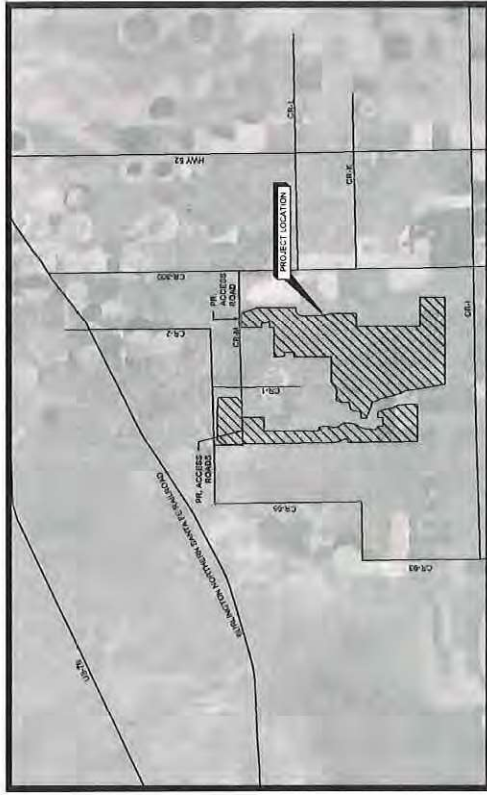
Sincerely,

DocuSigned by:
Dana Diller
AC2004D2B181493...

Dana Diller
Chief Commercial Officer
Balanced Rock Power Development, LLC

Encl.: 30% Design Plan, Preliminary Erosion Control Plan

PRELIMINARY EROSION CONTROL PLANS FOR TAEOR SOLAR PHASE 1 LOCATED IN MORGAN COUNTY, COLORADO



SURVEY NOTE
COORDINATE SYSTEM
HORIZONTAL DATUM
COLORADO NORTH ZONE
NAD 83 (2011 ADJ)

FEMA FLOOD ZONE NOTE:
A PORTION OF THE FACILITY LIES WITHIN THE A FLOOD
ELEVATION FOR FLOOD MAY FLOOD DAMAGE AND
DISTRIBUTION (MDF) FLOOD ZONE 4 IS OUTSIDE THE
SUBCELL LOTS OF THIS PROJECT.



PROJECT INFORMATION
PROJECT NAME
TAEOR SOLAR PHASE 1
MORGAN COUNTY, CO
3.13 AC
TOTAL DEVELOPMENT AREA
3.13 AC
PROPOSED USE
SOLAR COLLECTOR FACILITY, AGRICULTURAL ZONE

PROJECT TEAM

OWNER
BALANCED ROCK POWER
10000 W. 100TH AVE
DENVER, CO 80231
PHONE: 303.754.4000

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
10000 W. 100TH AVE, SUITE 1000
GREENWOOD VILLAGE, CO 80111
PHONE: 303.754.4000

SHEET NUMBER	SHEET TITLE
EC0.0	COVER
EC0.1	GENERAL NOTES
EC1.0	OVERALL EROSION CONTROL PLAN
EC1.1	EROSION CONTROL PLAN
EC1.2	EROSION CONTROL PLAN
EC1.3	EROSION CONTROL PLAN
EC1.4	EROSION CONTROL PLAN
EC1.5	EROSION CONTROL PLAN
EC1.6	EROSION CONTROL PLAN
EC2.0	EROSION CONTROL DETAILS

COVER

TAEOR SOLAR
PHASE 1
FACILITY

SHEET NUMBER
EC0.0



DATE	11/09/16
BY	11/09/16
NO.	02.02.0022
REV.	02.02.0022
DATE	11/09/16



Kimley-Horn
KIMLEY-HORN AND ASSOCIATES, INC.
10000 W. 100TH AVE, SUITE 1000
GREENWOOD VILLAGE, CO 80111
PHONE: 303.754.4000

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DATE	11/09/16
BY	11/09/16
NO.	02.02.0022
REV.	02.02.0022
DATE	11/09/16

GENERAL EROSION CONTROL NOTES

1. THESE NOTES SHALL BE READ IN CONJUNCTION WITH THE GENERAL NOTES TO THE CONTRACT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR THIS PLAN.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
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16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
17. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
18. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
19. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
20. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

NO.	REVISIONS
1	REVISED
2	REVISED
3	REVISED
4	REVISED
5	REVISED
6	REVISED
7	REVISED
8	REVISED
9	REVISED
10	REVISED



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 Denver, CO 80231
 (303) 752-2333
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DATE	19/00/00
DATE	19/00/00
DATE	19/00/00
DATE	19/00/00
DATE	19/00/00
DATE	19/00/00
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DATE	19/00/00
DATE	19/00/00

GENERAL NOTES

TALOR SOLAR
PHASE 1
FACILITY
 MORGAN COUNTY, CO

SHEET NUMBER
EC0.1



TAELOR SOLAR
PHASE 1
FACILITY

OVERALL EROSION
CONTROL PLAN

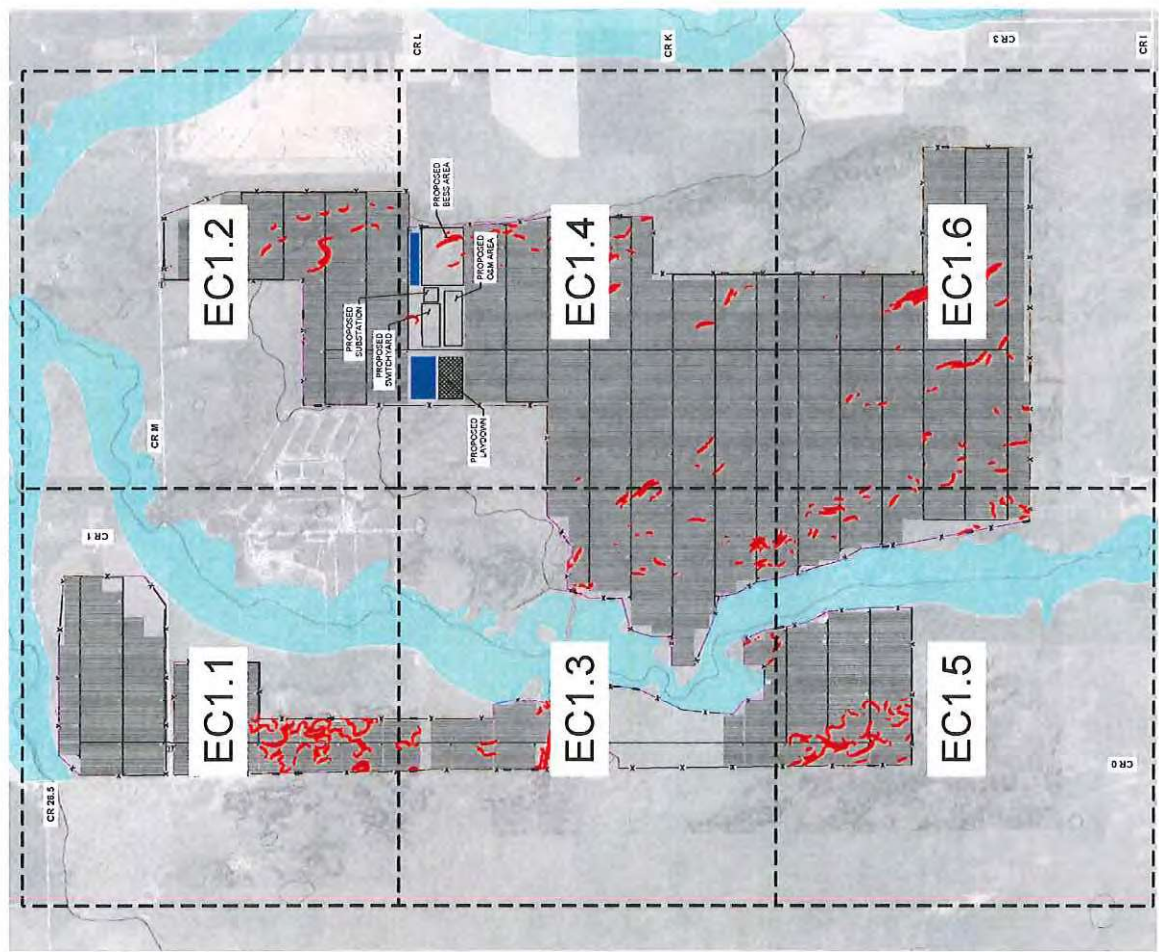
DATE: 07/27/2023
SCALE: AS SHOWN
PROJECT NO: 23-001

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Kimley-Horn
INCORPORATED
1000 14th Street, Suite 200
Boulder, CO 80502
303.440.1200
www.kimley-horn.com

BALANCED ROCK
WATER

NO.	DATE	DESCRIPTION
1	07/27/2023	REVISED
2	07/27/2023	REVISED
3	07/27/2023	REVISED



- LEGEND**
- EXISTING GRADE CONTOUR
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS LAYDOWN AREA
 - PROPOSED ARRAY BLOCK OUTLINE
 - PROPOSED VEHICLE TRACKING CONTROL
 - DUCTING WATER FEATURE
 - SILT FENCE
 - EARTH DIRT
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONE A FERRA FLOODPLAIN
 - PR INTERNAL EROSION CONTROL AREAS
 - PK PERMANENT DEBRISMENT WOND



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DATE	DESCRIPTION
04.15.2023	REVISED
04.15.2023	ISSUED FOR PERMITS



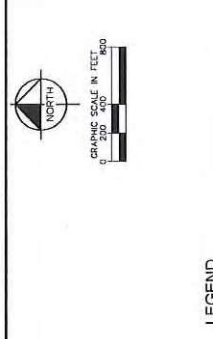
Kimley»Horn
 CONSULTING ENGINEERS
 1111 S. W. 11th St., Suite 200
 Ft. Lauderdale, FL 33304
 (954) 575-1111
 www.kimleyhorn.com

PRIMAVERA
 100 PARK CONSTRUCTION
 100 PARK CONSTRUCTION
 100 PARK CONSTRUCTION

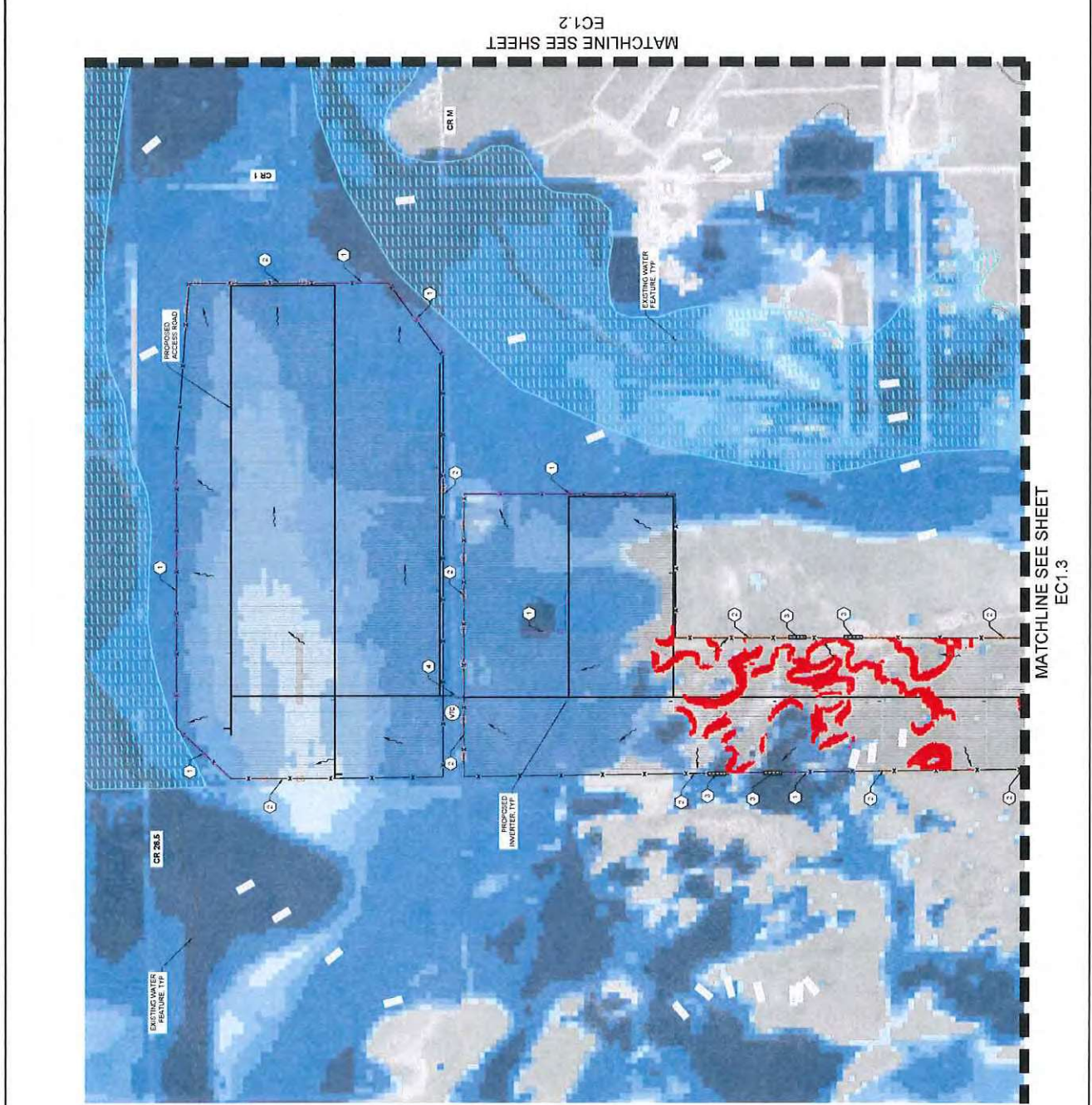
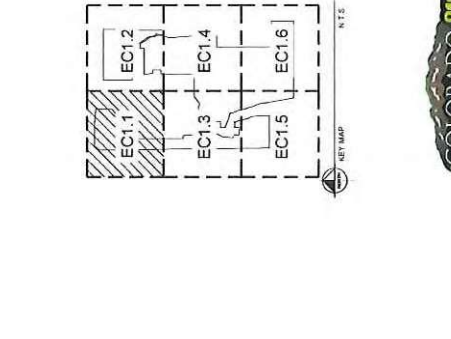
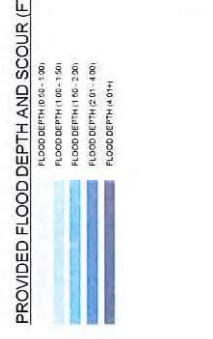
EROSION CONTROL PLAN

TALOR SOLAR FACILITY PHASE 1

SHEET NUMBER
EC1.1



- LEGEND**
- EXISTING GRADE CONTOUR
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS LAYDOWN AREA
 - PROPOSED ARMY BLOCK OUTLINE
 - EXISTING WATER TRACKING CONTROL
 - EXISTING WATER FEATURE
 - SILT FENCE
 - EARTHLINE
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONE A FEMA FLOODPLAIN
 - PER INTERNAL EROSION CONTROL AREAS
 - PER PERMANENT DETENTION POND
- EROSION CONTROL NOTES**
- INSTALL SILT FENCE (SEE DETAIL 1, SHEET EC2.0)
 - INSTALL BATH DING (SEE DETAIL 2, SHEET EC2.0)
 - INSTALL ROCK OUTLET (SEE DETAIL 3, SHEET EC2.0)
 - CONSTRUCTION ENTRANCE (SEE DETAIL 6, SHEET EC2.0)



NO.	REV.	DATE	DESCRIPTION
1	0	08/11/2023	ISSUED FOR PERMITS
2	1	08/11/2023	REVISED FOR COMMENTS
3	2	08/11/2023	REVISED FOR COMMENTS
4	3	08/11/2023	REVISED FOR COMMENTS

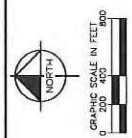


PRELIMINARY
NOT FOR CONSTRUCTION

EROSION CONTROL
PLAN

TAELOR SOLAR
PHASE 1
FACILITY

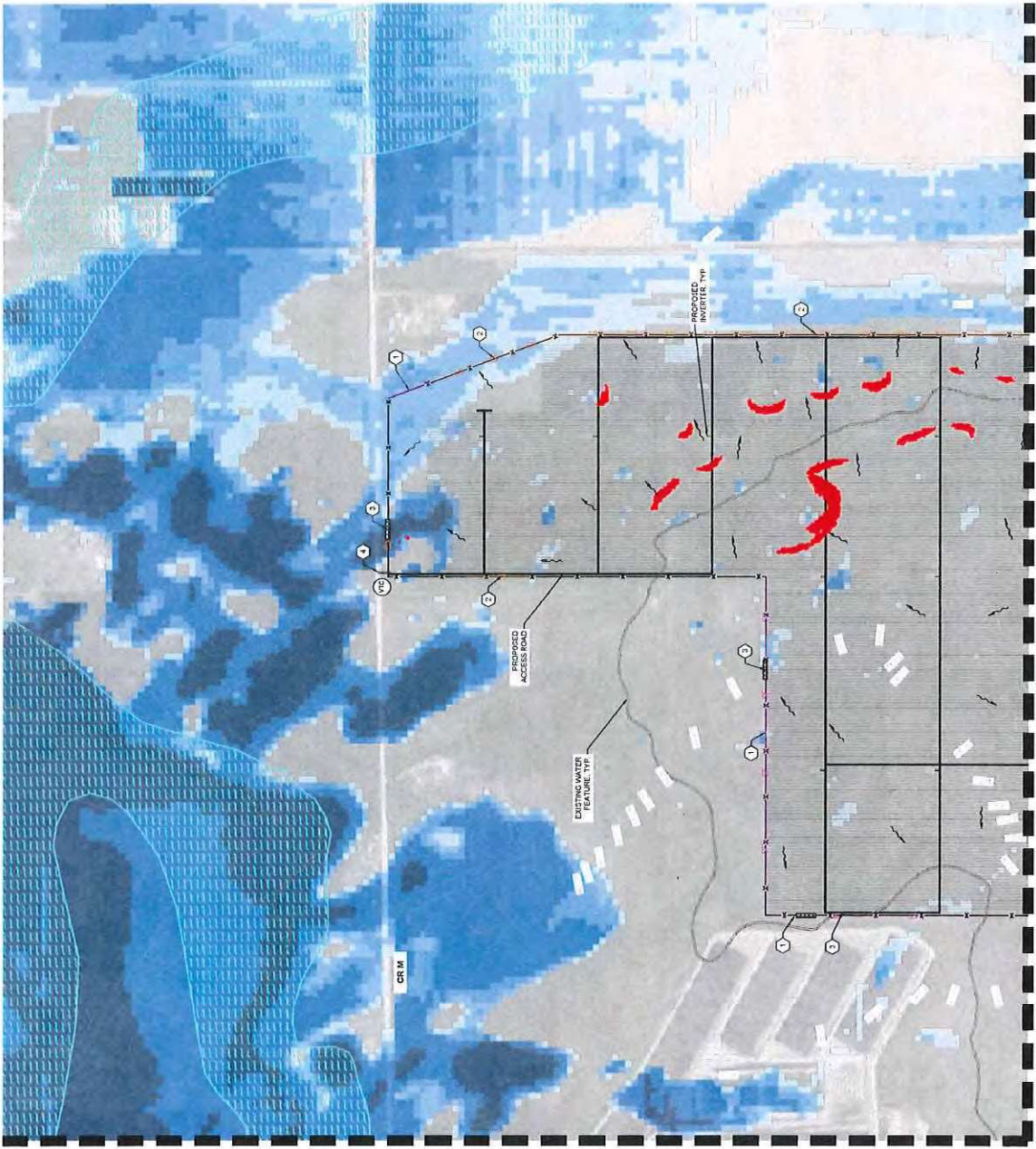
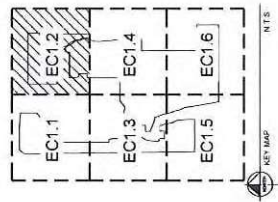
SHEET NUMBER
EC1.2



- LEGEND**
- EXISTING GRADE CONTROL
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS LAYDOWN AREA
 - PROPOSED ARMY BLOCK OUTLINE
 - PROPOSED VEHICLE TRACKING CONTROL
 - EXISTING WATER FEATURE
 - SILT FENCE
 - EARTH DIKE
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONE A FLOW FLOODPLAIN
 - INTERNAL EROSION CONTROL AREAS
 - PERMANENT DETENTION POND

- EROSION CONTROL NOTES**
- 1 INITIAL SILT FENCE SEE DETAIL 1 SHEET EC1.3
 - 2 INITIAL EARTH DIKE SEE DETAIL 2 SHEET EC1.3
 - 3 INITIAL ROCK OUTLET SEE DETAIL 3 SHEET EC1.3
 - 4 CONSTRUCTION ENTRANCE SEE DETAIL 6 SHEET EC1.3

- PROVIDED FLOOD DEPTH AND SCOUR (FT)**
- FLOOD DEPTH (R 50 - 1.00)
 - FLOOD DEPTH (R 20 - 1.50)
 - FLOOD DEPTH (R 50 - 2.00)
 - FLOOD DEPTH (R 31 - 4.00)
 - FLOOD DEPTH (R 01 - 11)



MATCHLINE SEE SHEET
EC1.1

MATCHLINE SEE SHEET
EC1.4

DATE	REV	DESCRIPTION
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07/27/2022	REV 4-01	1

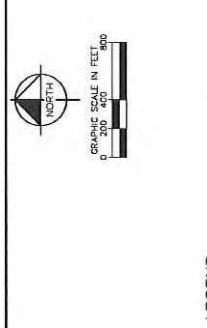


PRELIMINARY
NOT FOR CONSTRUCTION

EROSION CONTROL
PLAN

TAELOR SOLAR
FACILITY
PHASE 1

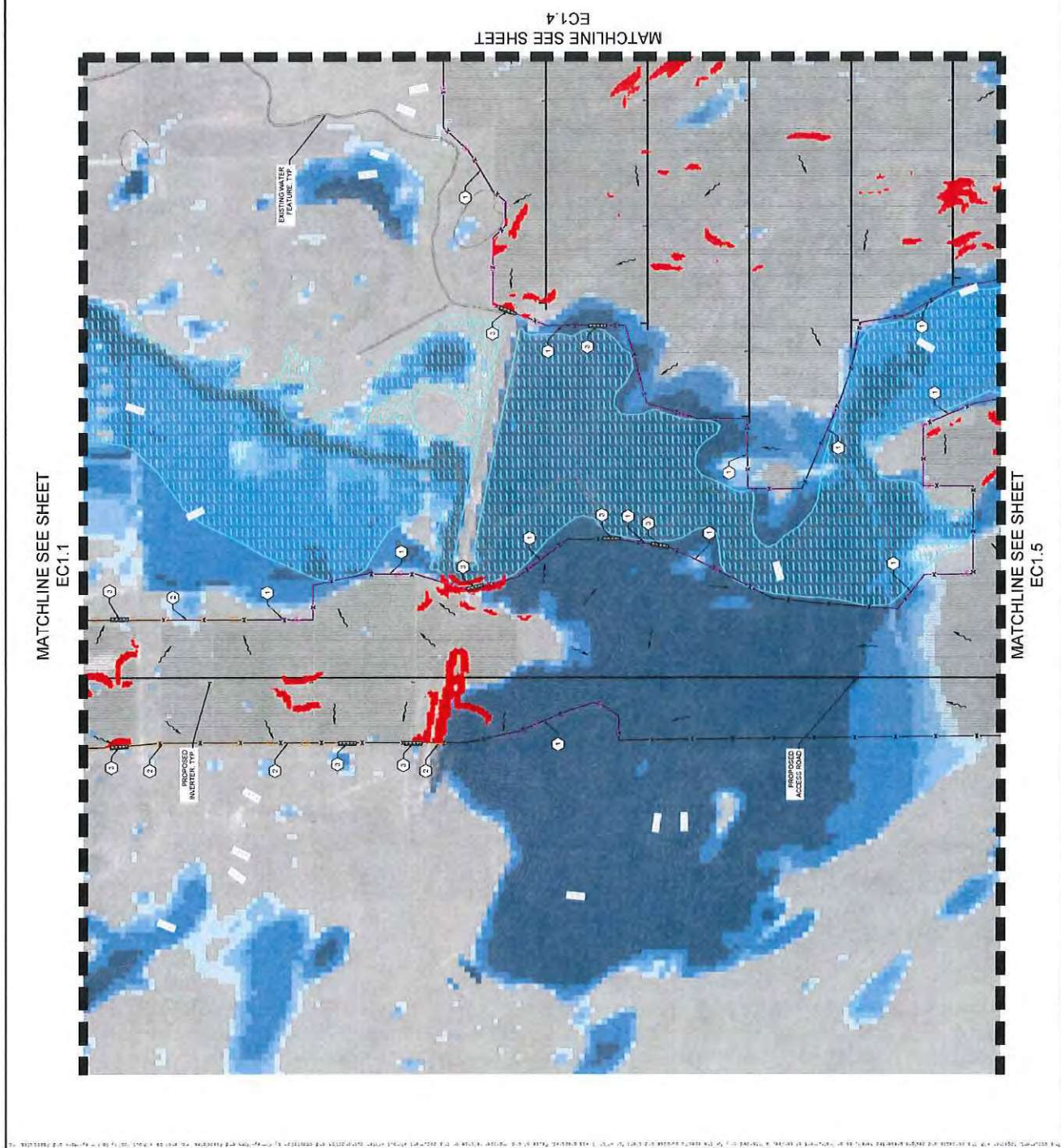
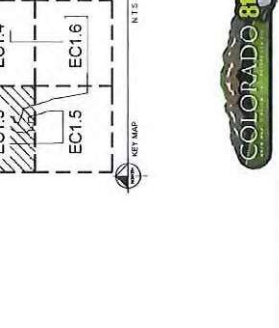
SHEET NUMBER
EC1.3



- LEGEND**
- EXISTING DRAINAGE CONTOUR
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS LAYDOWN AREA
 - PROPOSED ARMY BLOCK OUTLINE
 - PROPOSED VEHICLE TRACKING CONTROL
 - EXISTING WATER FEATURE
 - SILT FENCE
 - EARTH RIPE
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONIC A FEED FLOODPLAIN
 - INTERNAL EROSION CONTROL AREAS
 - PERMANENT DETENTION POND

- EROSION CONTROL NOTES**
1. INSTALL SILT FENCE. SEE DETAIL 1, SHEET EC2.3
 2. INSTALL EARTH RIPE. SEE DETAIL 2, SHEET EC2.9
 3. INSTALL ROCK OUTLET. SEE DETAIL 3, SHEET EC2.9
 4. CONSTRUCTION ENTRANCE. SEE DETAIL 6, SHEET EC2.9

- PROVIDED FLOOD DEPTH AND SCOUR (FT)**
- FLOOD DEPTH (0.05 - 1.00)
 - FLOOD DEPTH (1.00 - 1.50)
 - FLOOD DEPTH (1.50 - 2.00)
 - FLOOD DEPTH (2.00 - 4.00)
 - FLOOD DEPTH (4.00+)



DATE	BY	REV	DESCRIPTION
04/17/2023	REVISED	1	REVISED
04/17/2023	REVISED	2	REVISED
04/17/2023	REVISED	3	REVISED



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 TEL: 954-575-4400 FAX: 954-575-4401
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PREPARED FOR:
 TALEOR SOLAR FACILITY
 MERRILL COUNTY, CO

PROJECT: TALEOR SOLAR FACILITY
DATE: 04/17/2023
SCALE: AS SHOWN
PROJECT NO.: 2023-001
SHEET NO.: EC1.4

TALEOR SOLAR FACILITY
PHASE 1
EROSION CONTROL PLAN

SHEET NUMBER
EC1.4



LEGEND

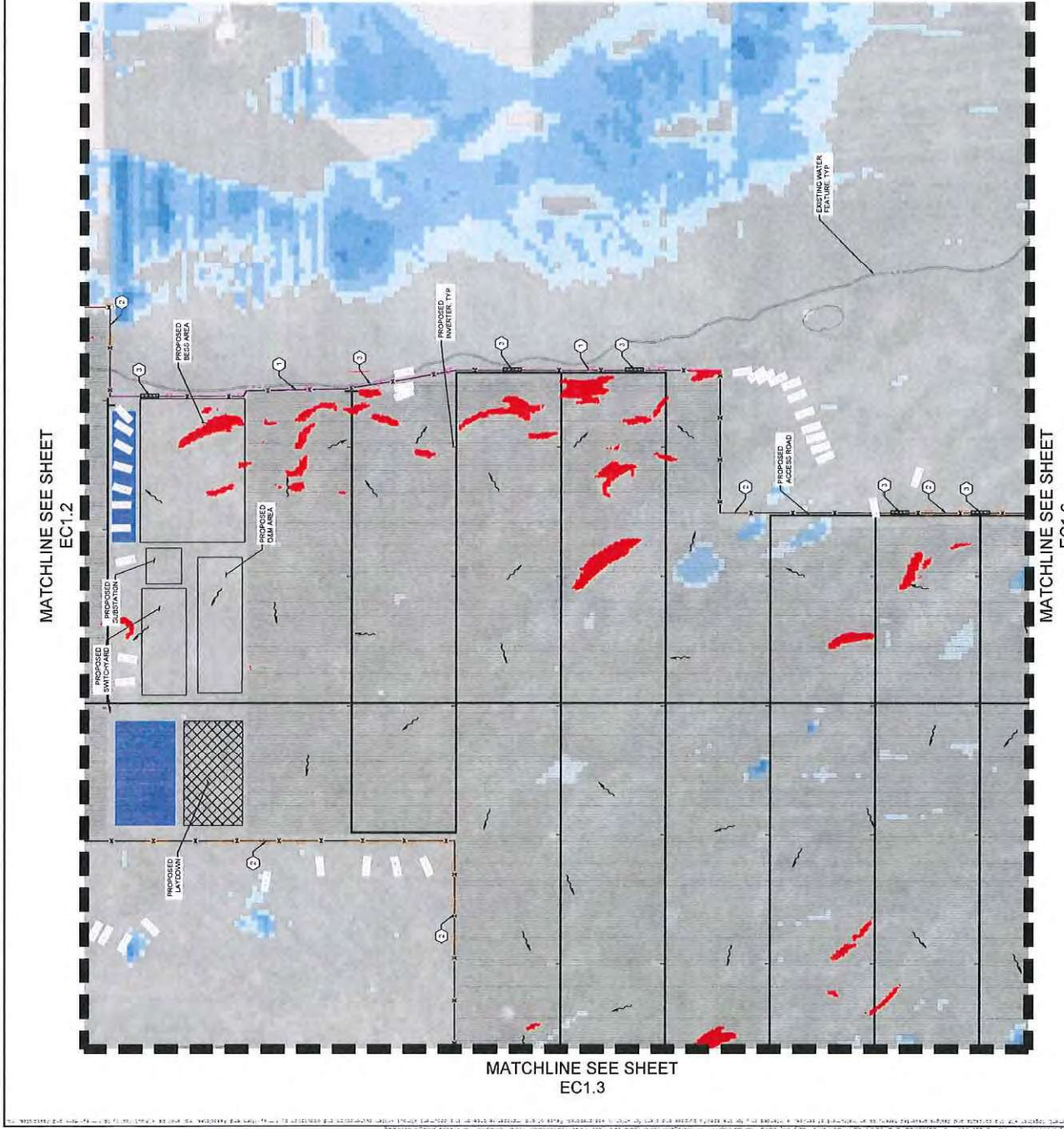
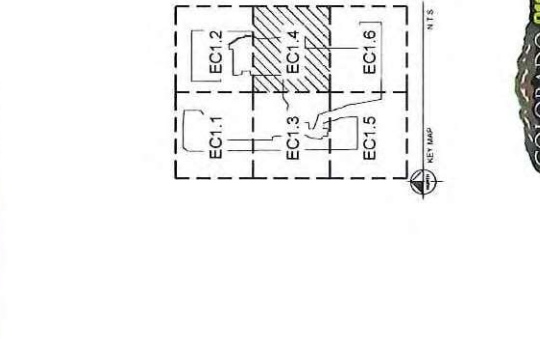
- EXISTING GRADE CONTOUR
- PROPOSED SECURITY FENCE
- PROPOSED ACCESS ROAD
- MATERIAL LAYDOWN AREA
- PROPOSED ARMY BLOCK OUTLINE
- PROPOSED VEHICLE TRACKING CONTROL
- EXISTING WATER FEATURE
- SILT FENCE
- EARTH DIKE
- ROCK OUTLET
- DIRECTION OF STORMWATER FLOW
- ZONE A FEMA FLOODPLAIN
- PK INTERNAL EROSION CONTROL AREAS
- PK PERMANENT DETENTION POND

EROSION CONTROL NOTES

- INSTALL SILT FENCE. SEE DETAIL 1, SHEET EC3.
- INSTALL EARTH-DIKE. SEE DETAIL 2, SHEET EC3.
- INSTALL ROCK OUTLET. SEE DETAIL 3, SHEET EC3.
- CONSTRUCTION ENTRANCE. SEE DETAIL 6, SHEET EC3.

PROVIDED FLOOD DEPTH AND SCOUR (FT)

- FLOOD DEPTH (0.00 - 1.00)
- FLOOD DEPTH (1.00 - 2.00)
- FLOOD DEPTH (2.00 - 4.00)
- FLOOD DEPTH (4.00+)



DATE	BY	REV
07/27/2022	REVISED	1
08/10/2022	REVISED	2
08/10/2022	REVISED	3

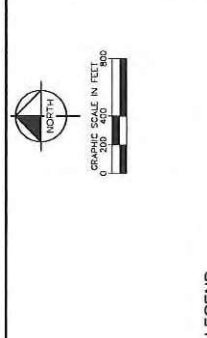


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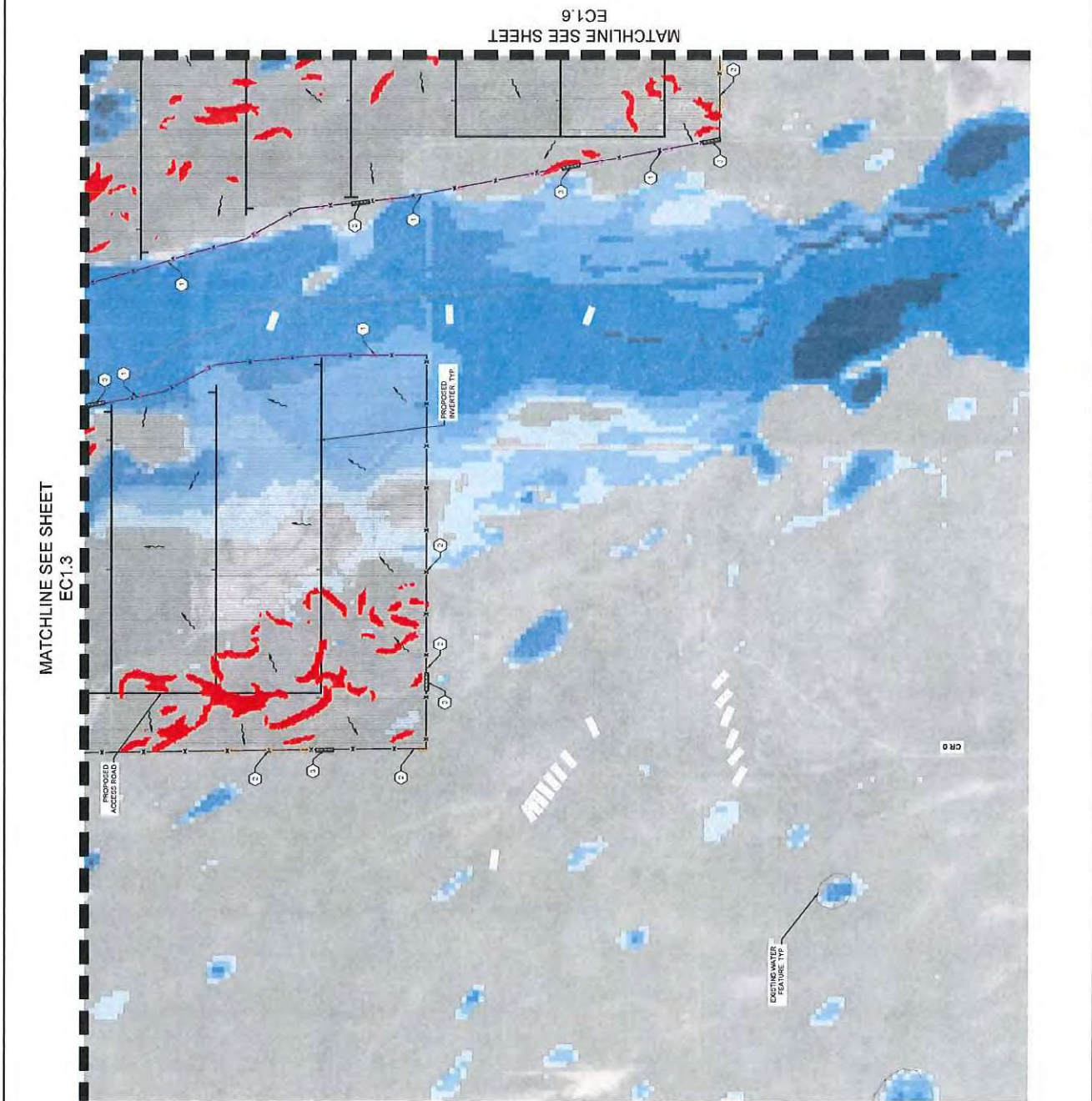
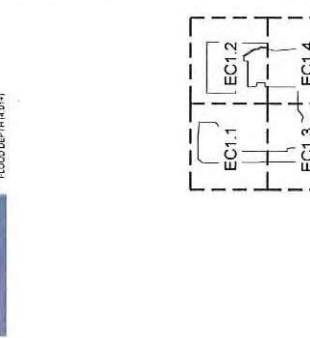
EROSION CONTROL PLAN

TAEOR SOLAR FACILITY PHASE 1
 (SHEET NUMBER) EC1.5



- LEGEND**
- EXISTING GRADE CONTROL
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS LAYDOWN AREA
 - PROPOSED ARRAY BLOCK OUTLINE
 - PROPOSED VEHICLE TRACKING CONTROL
 - EXISTING WATER FEATURE
 - SILT FENCE
 - BARTH DIRT
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONE A FEMA FLOODPLAIN
 - PK INTERNAL EROSION CONTROL AREAS
 - PK PERMANENT DETENTION POND

- EROSION CONTROL NOTES**
1. INSTALL SILT FENCE. SEE DETAIL 1, SHEET EC2.0
 2. INSTALL BARTH DIRT. SEE DETAIL 2, SHEET EC2.0
 3. INSTALL ROCK OUTLET. SEE DETAIL 3, SHEET EC2.0
 4. CONSTRUCTION ENTRANCE. SEE DETAIL 6, SHEET EC2.0



MATCHLINE SEE SHEET EC1.3

MATCHLINE SEE SHEET EC1.6

DATE	DESCRIPTION
12/15/2023	REVISED
01/10/2024	REVISED
02/15/2024	REVISED

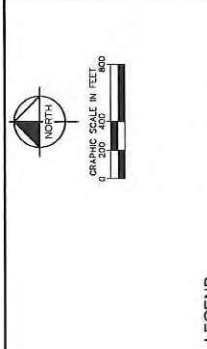


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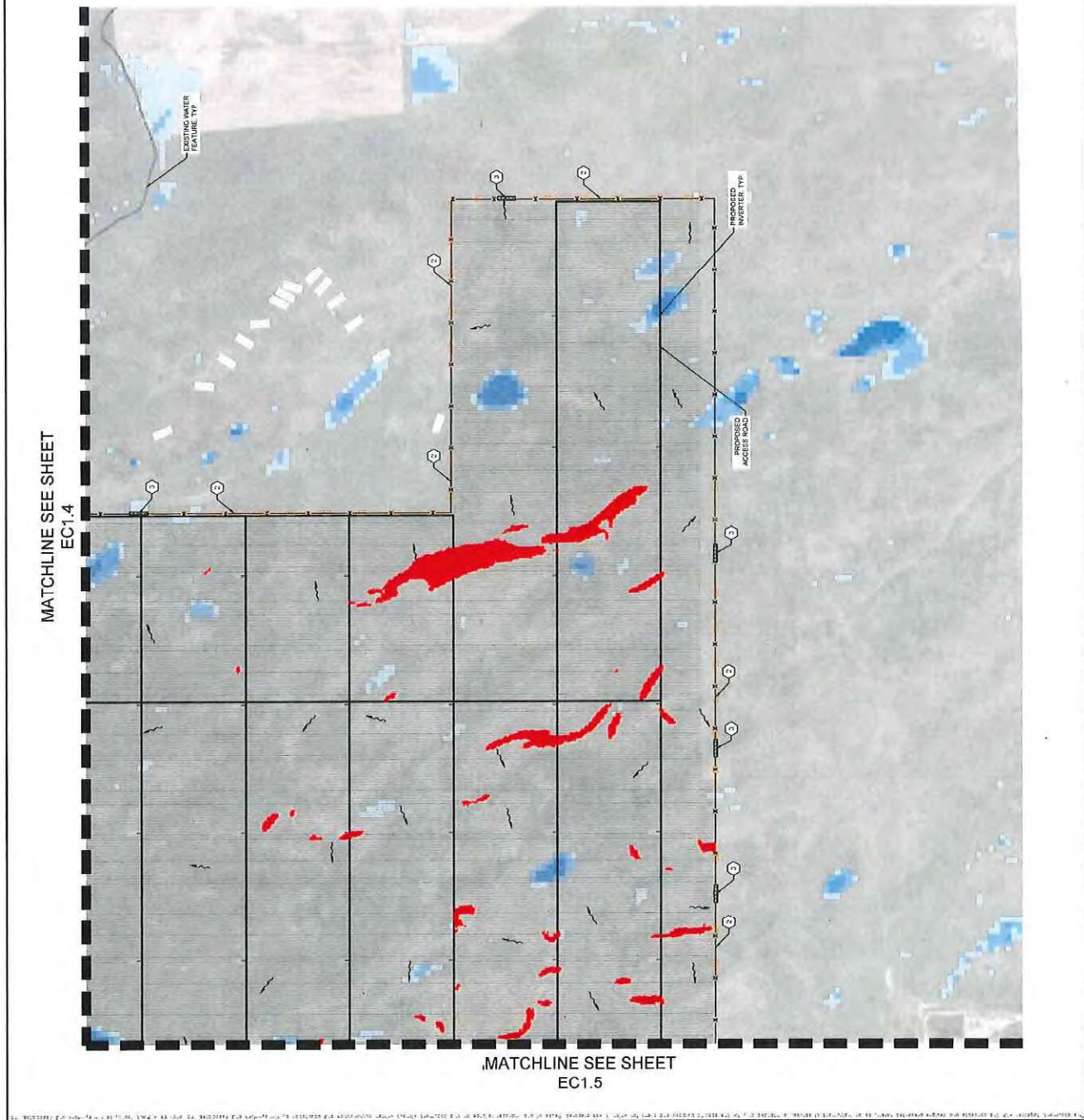
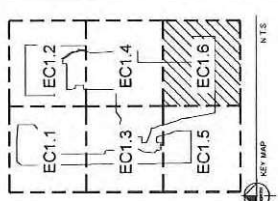
EROSION CONTROL PLAN

TAELOR SOLAR FACILITY PHASE 1
 SHEET NUMBER **EC1.6**



- LEGEND**
- EXISTING GRADE CONTOUR
 - PROPOSED SECURITY FENCE
 - PROPOSED ACCESS ROAD
 - MATERIALS STORAGE AREA
 - PROPOSED ARMY BLOCK OUTLINE
 - PROPOSED VEHICLE TRACKING CONTROL
 - EXISTING WATER FEATURE
 - SILT FENCE
 - EARTH DIKE
 - ROCK OUTLET
 - DIRECTION OF STORMWATER FLOW
 - ZONE A FLOW FLOODPLAIN
 - INTERNAL EROSION CONTROL AREAS
 - PERMANENT DETENTION POND

- EROSION CONTROL NOTES**
- INSTALL S&T FENCE SEE DETAIL 1, SHEET EC2.0
 - INSTALL EARTH DIKE SEE DETAIL 2, SHEET EC2.0
 - INSTALL ROCK OUTLET SEE DETAIL 3, SHEET EC2.0
 - CONSTRUCTION ENTRANCE SEE DETAIL 6, SHEET EC2.0



20	20	20	20
20	20	20	20
20	20	20	20
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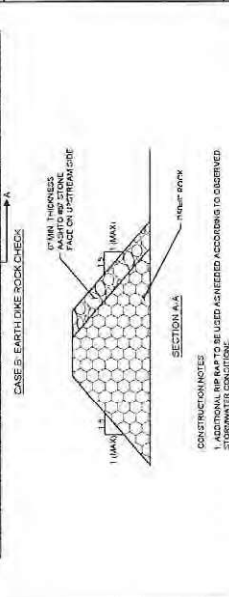
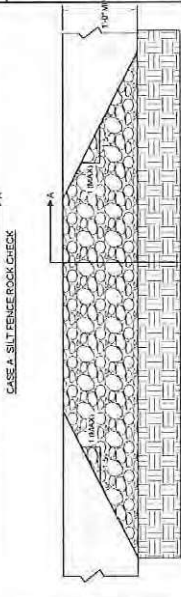
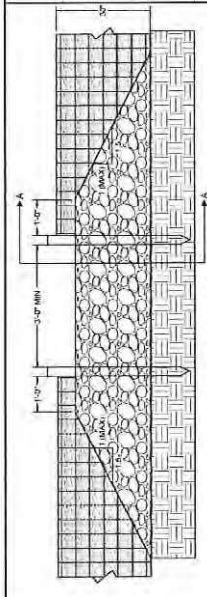


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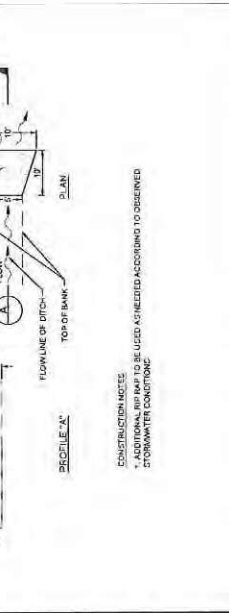
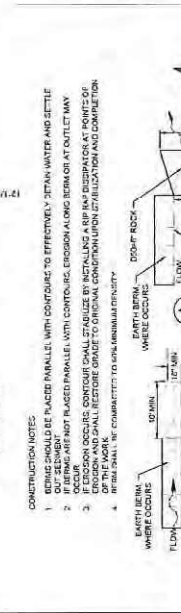
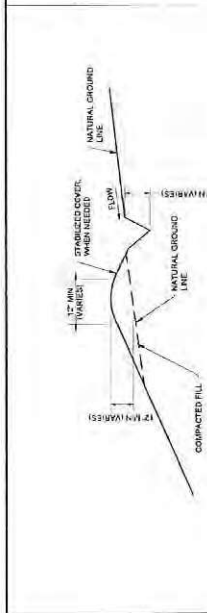
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**TAI'OR SOLAR
 PHASE 1
 FACILITY**
 EROSION CONTROL
 DETAILS

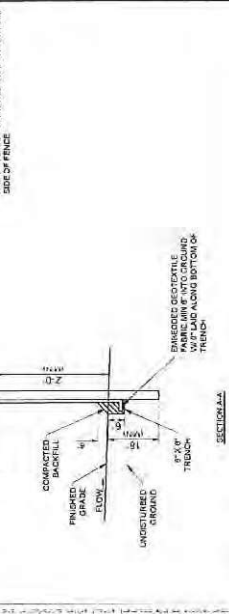
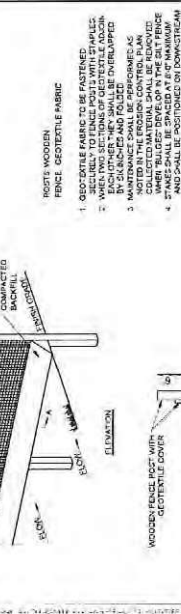
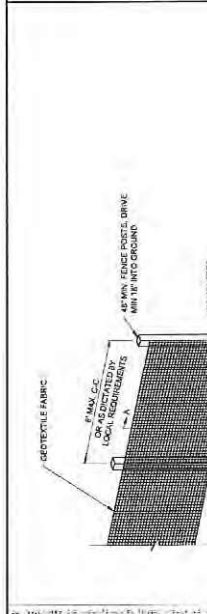
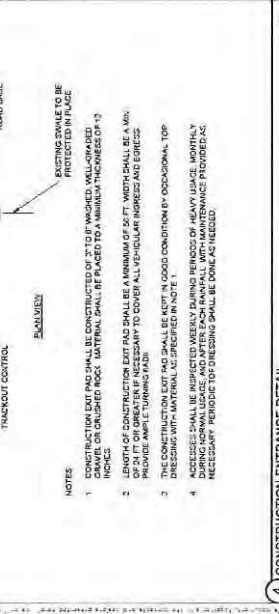
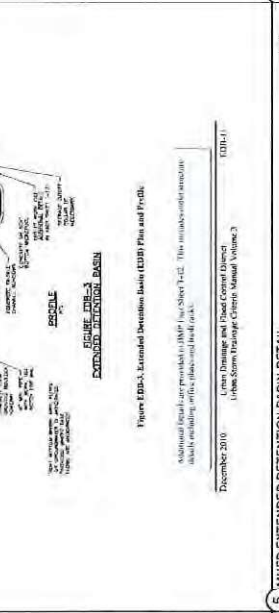
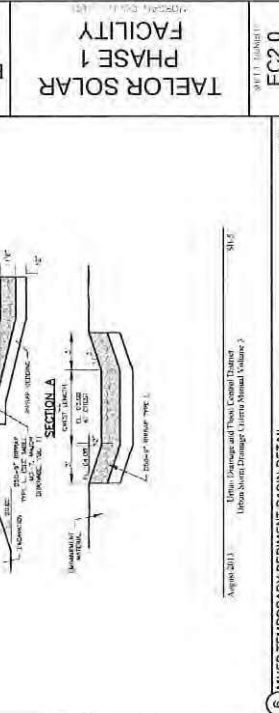
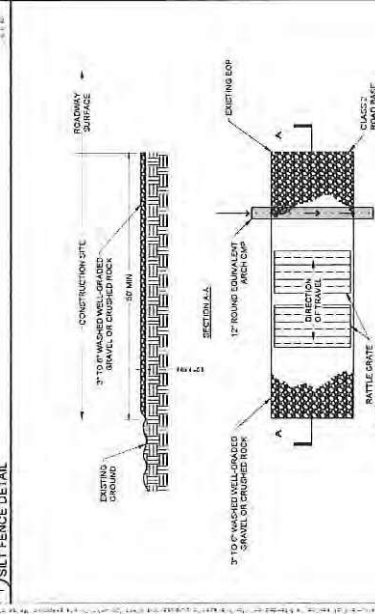
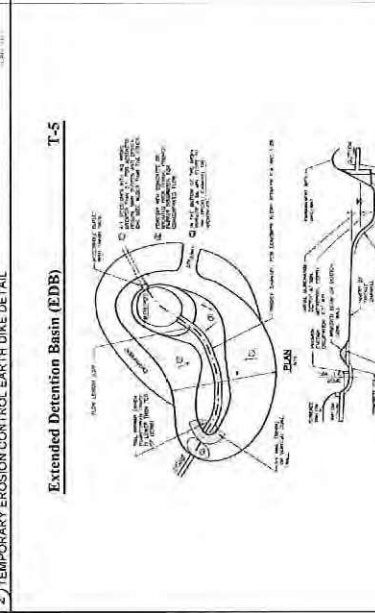
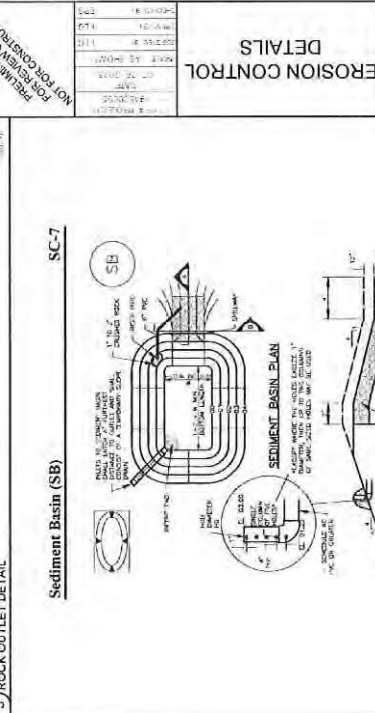
PROJECT NO. 17-001
 SHEET NO. EC-2.0
 DATE: 08/14/17



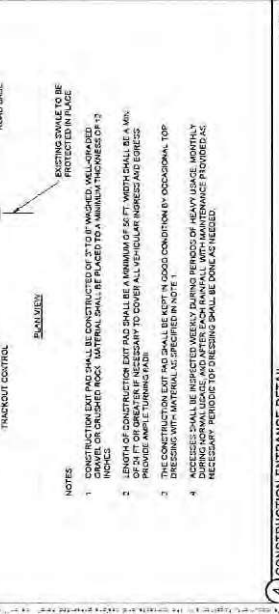
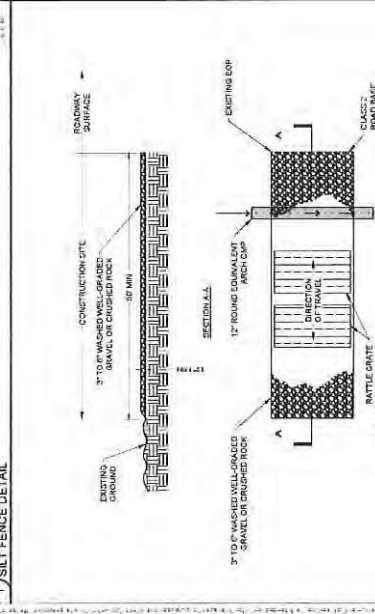
CONSTRUCTION NOTES:
 1. ROCKS SHALL BE USED AS NOTED ADDITIONS TO OBSERVED.
 2. DOWNSTREAM CONSTRUCTION.



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