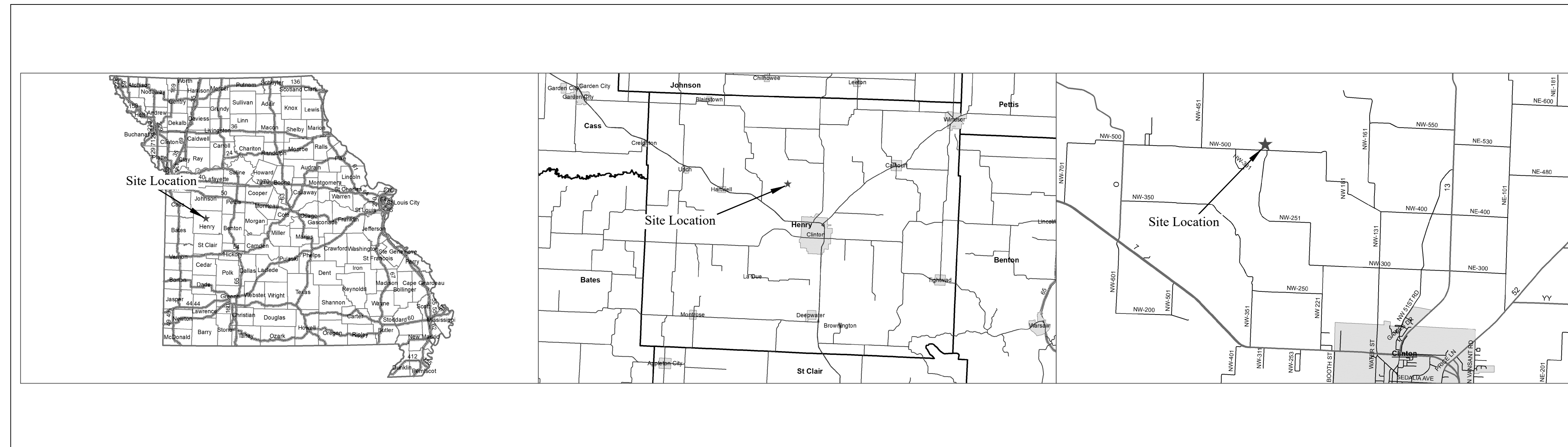


# Fields Creek Reclamation Project

## Henry County, Missouri



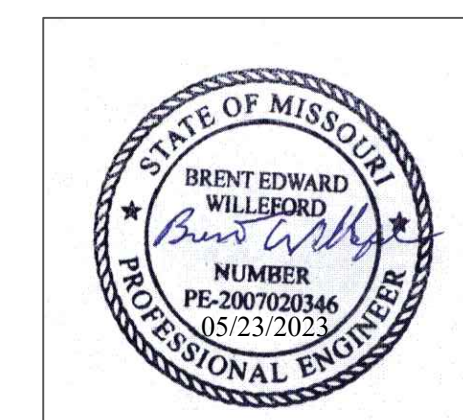
### INDEX OF SHEETS

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G-101	EXISTING CONDITIONS
C-100	PLAN VIEW AREAS 1, 2, & 3
C-101	PLAN VIEW AREA 1 & 4
C-102	CROSS SECTIONS BASELINE-1 Sta 0+00 to Sta 2+75 BASELINE-2 Sta 0+00 to Sta 3+50
C-103	CROSS SECTIONS BASELINE-2 Sta 4+00 to Sta 9+00
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C-105	CROSS SECTIONS BASELINE-2 Sta 13+50 to Sta 15+00 BASELINE-3 Sta 0+00 to Sta 5+25 BASELINE-4 Sta 0+00 to Sta 3+00
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OWNER: STATE OF MISSOURI  
MICHAEL L. PARSON  
GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION PROGRAM (LRP)

PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES MANAGEMENT,  
DESIGN AND CONSTRUCTION



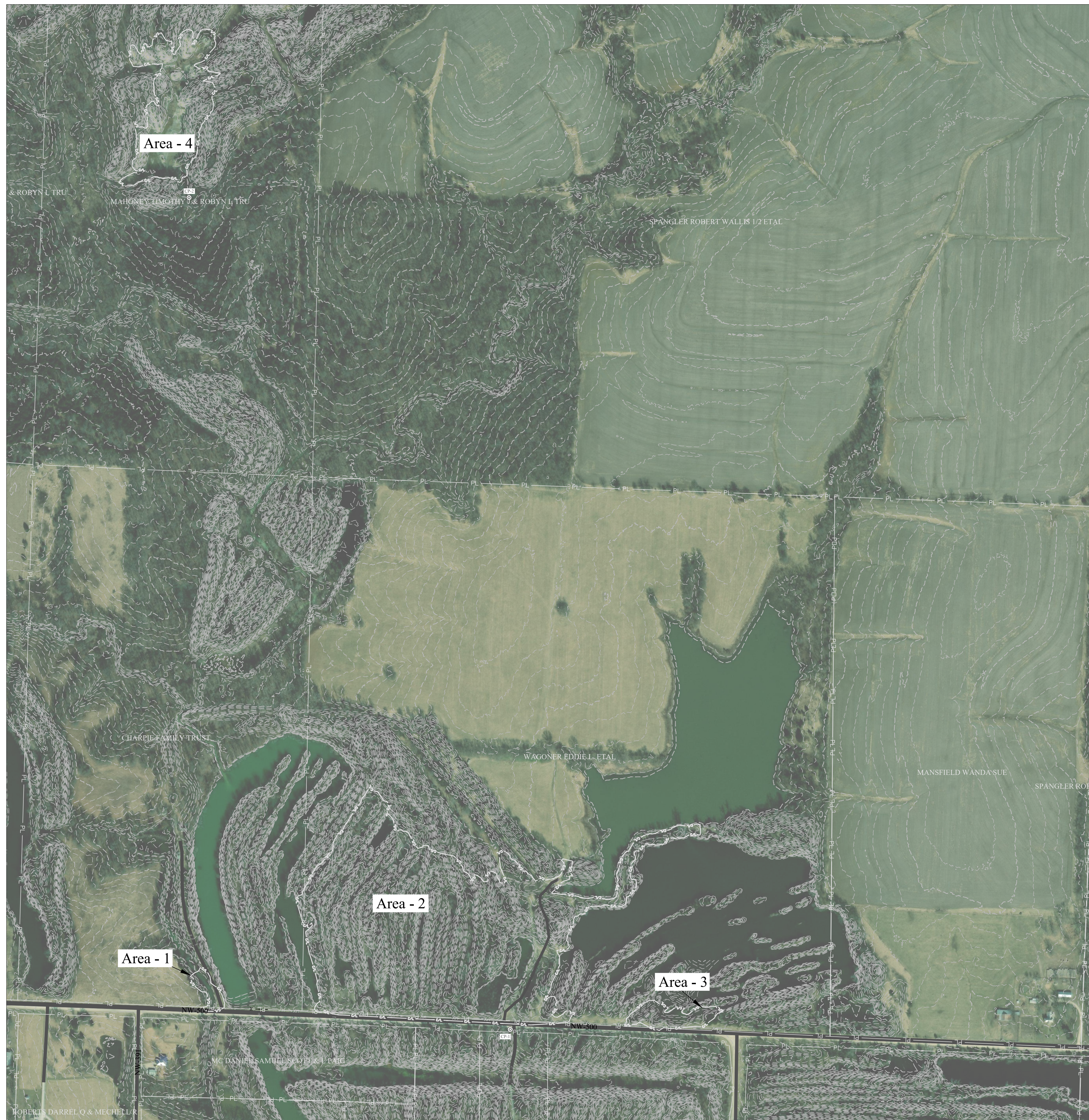
DESIGNER: LAND RECLAMATION PROGRAM

PROJECT NUMBER: Y2301-01

SHEET NUMBER:

# G-100

1 OF 11 SHEETS  
May 23, 2023



CONTROL POINT DATA				
PT. NO	EASTING UTM ZONE-15 NAD-83 (FT)	NORTHING UTM ZONE-15 NAD-83 (FT)	ELEVATION NAVD 88 (FT)	DESCRIPTION
CP-1	1405859.50	13960077.87	794.13	1/4" Iron Pin with Aluminum Cap
CP-2	1404283.05	13964160.61	806.50	1/4" Iron Pin with Aluminum Cap

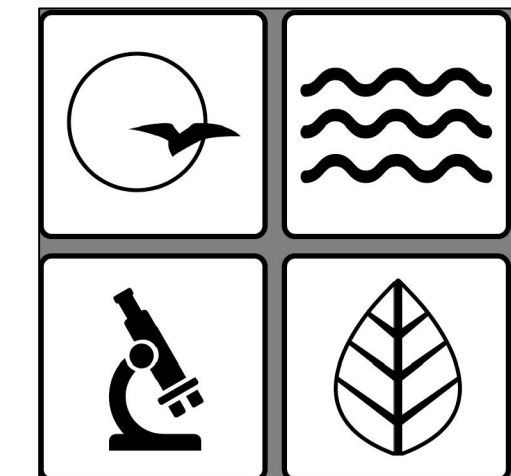
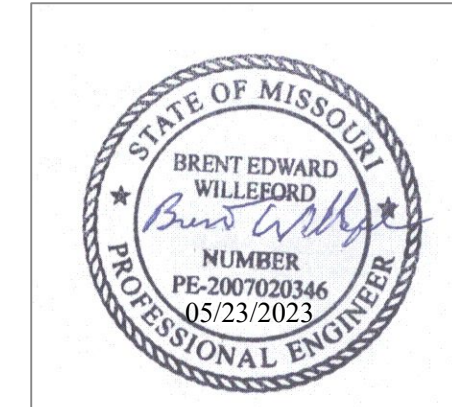
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BASELINE #	STATION #	EASTING UTM ZONE-15 (FT)	NORTHING UTM ZONE-15 (FT)
BASELINE - 1	0+00	1404472.52	13960150.85
BASELINE - 1	2+75	1404313.42	13960375.15
BASELINE - 2	0+00	1404777.91	13960673.49
BASELINE - 2	15+00	1406276.27	13960603.27
BASELINE - 3	0+00	1406389.09	13960137.97
BASELINE - 3	5+25	1406914.09	13960137.97
BASELINE - 4	0+00	1404188.94	13964171.54
BASELINE - 4	8+50	1404238.72	13965020.08
BASELINE - 5	0+00	1406296.82	13960693.79
BASELINE - 5	6+50	1406857.41	13961022.77

**Notes:**

1. Missouri One Call System (DIG\_RITE) 1-800-344-7483.
2. Verifications of the locations of above ground and below ground utilities, shown or not shown, shall be the responsibility of the construction contractor.
3. Property lines are approximate.
4. All areas of incidental coal waste shall be treated with an application and incorporation of Ag Lime, as directed by the Resident Project Representative, and buried a minimum of six (6) feet below final grade.
5. Remove all trash and debris within the project limits, whether shown on drawings or not, and dispose of off-site in permitted, licensed landfill.
6. All roadside ditches disturbed by construction activities shall be reestablished by Contractor. Unless otherwise indicated on plans, outlet all ditches as field conditions warrant and as approved by the Resident Project Representative.
7. All existing fences disturbed by construction activities are to be reestablished to as good or better condition unless otherwise shown on the project plans.
8. Contractor shall be responsible for referencing existing fence locations and corner posts within the project areas prior to removal.

LEGEND	
Existing Contours	--- ---
Property Boundary	----- PL -----
Construction Limits	----- CL -----
Roads	=====
Control Points	⊙

STATE OF MISSOURI  
MICHAEL L. PARSON,  
GOVERNOR



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

MO. DEPARTMENT OF  
NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

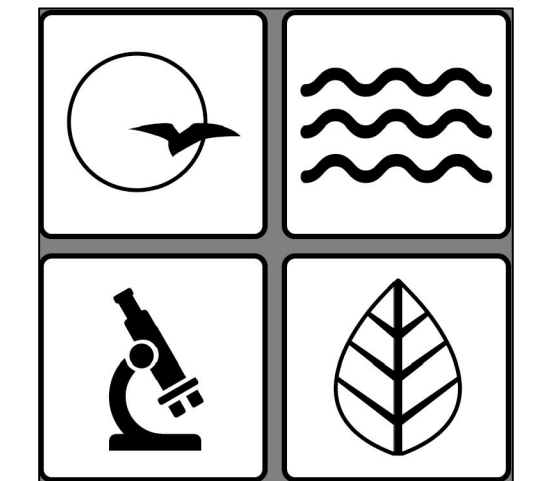
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CHECKED BY: LRP  
DESIGNED BY: BEW

SHEET TITLE:  
Existing Conditions

SHEET NUMBER:

**G-101**

2 OF 11 SHEETS  
05/23/2023



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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

CAD DWG FILE: \_\_\_\_\_  
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CHECKED BY: LRP  
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SHEET TITLE:  
Plan View  
Areas 1, 2 & 3

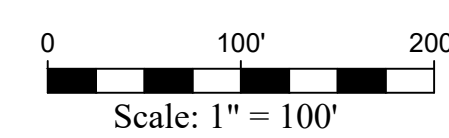
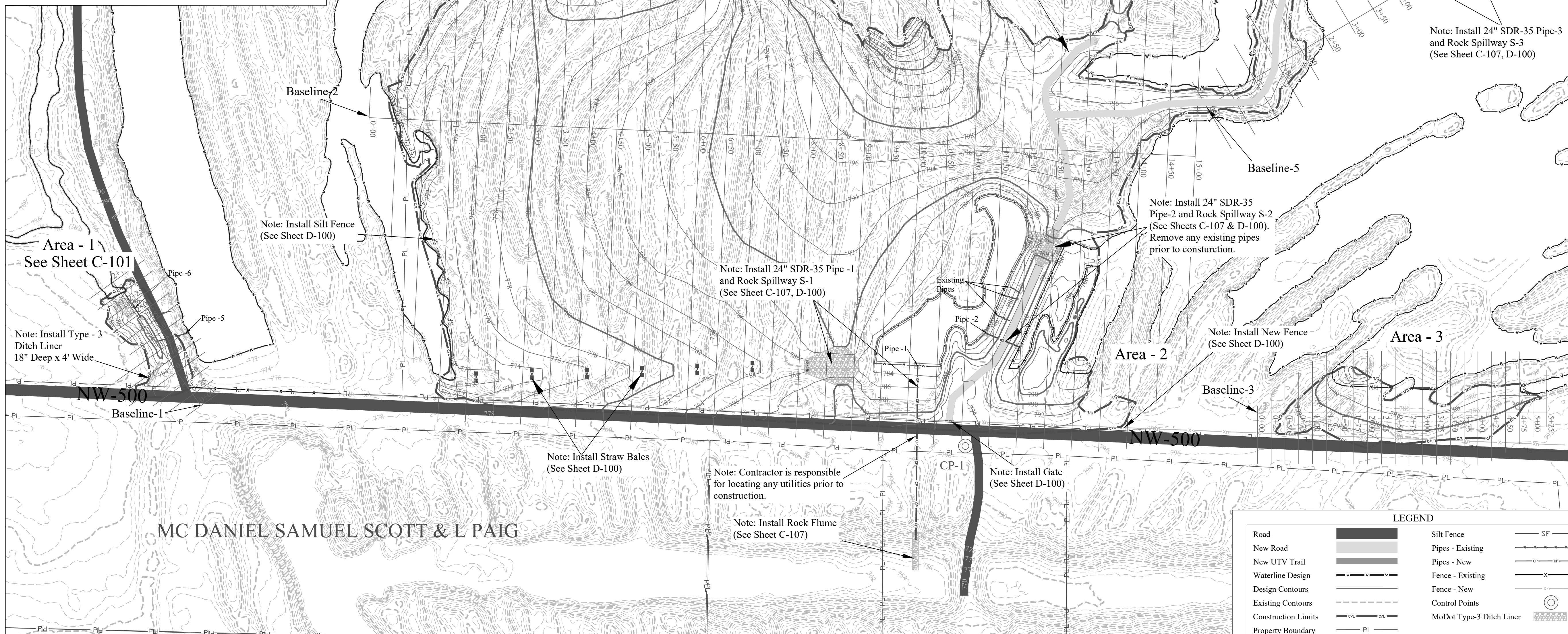
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**C-100**

3 OF 11 SHEETS  
05/23/2023

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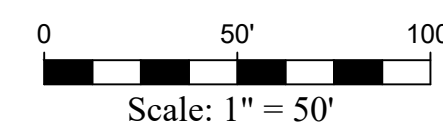
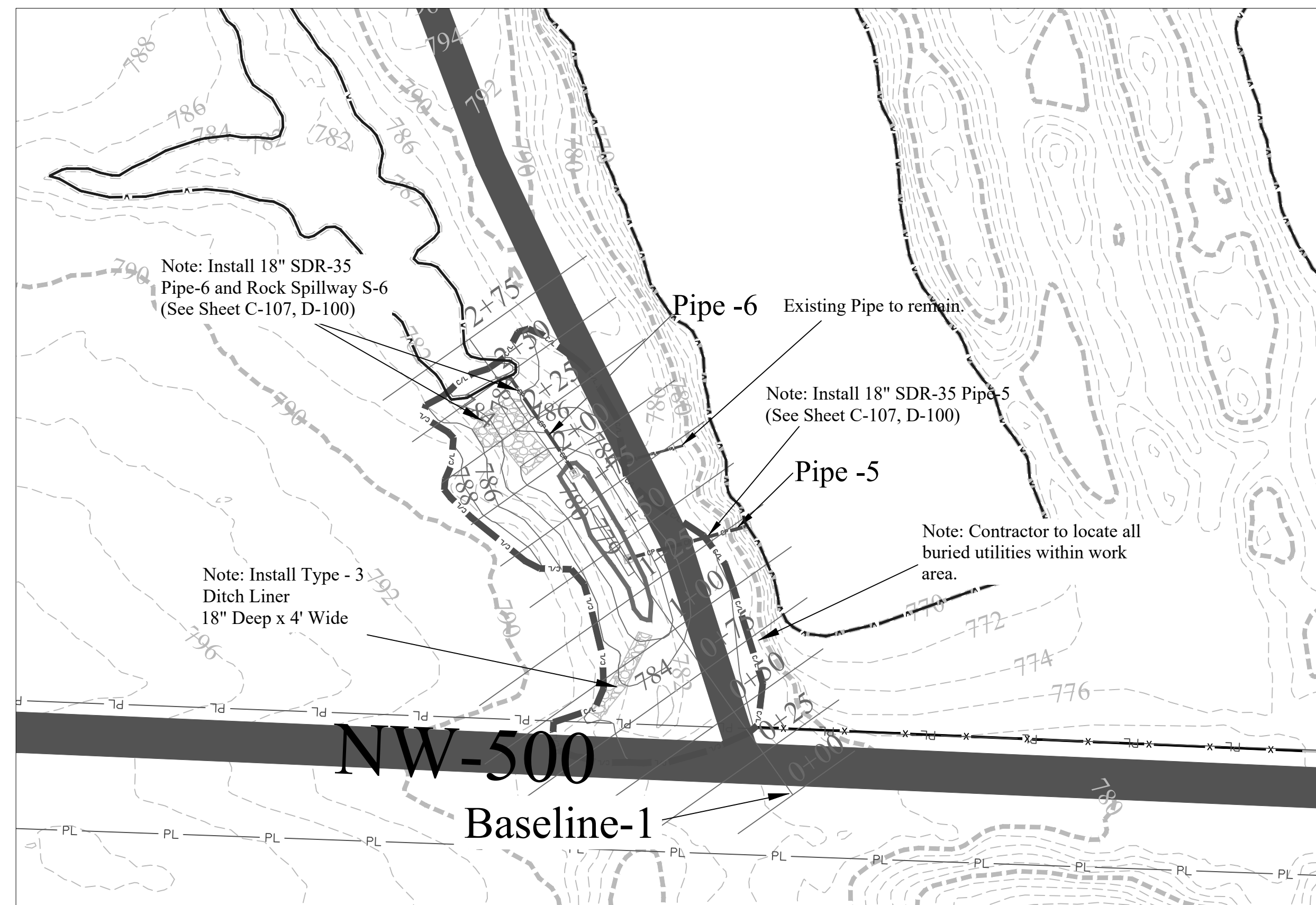


LEGEND			
Road		Silt Fence	
New Road		Pipes - Existing	
New UTV Trail		Pipes - New	
Waterline Design		Fence - Existing	
Design Contours		Fence - New	
Existing Contours		Control Points	
Construction Limits		MoDot Type-3 Ditch Liner	
Property Boundary			

MC DANIEL SAMUEL SCOTT & L PAIG



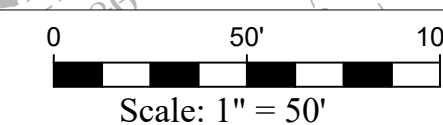
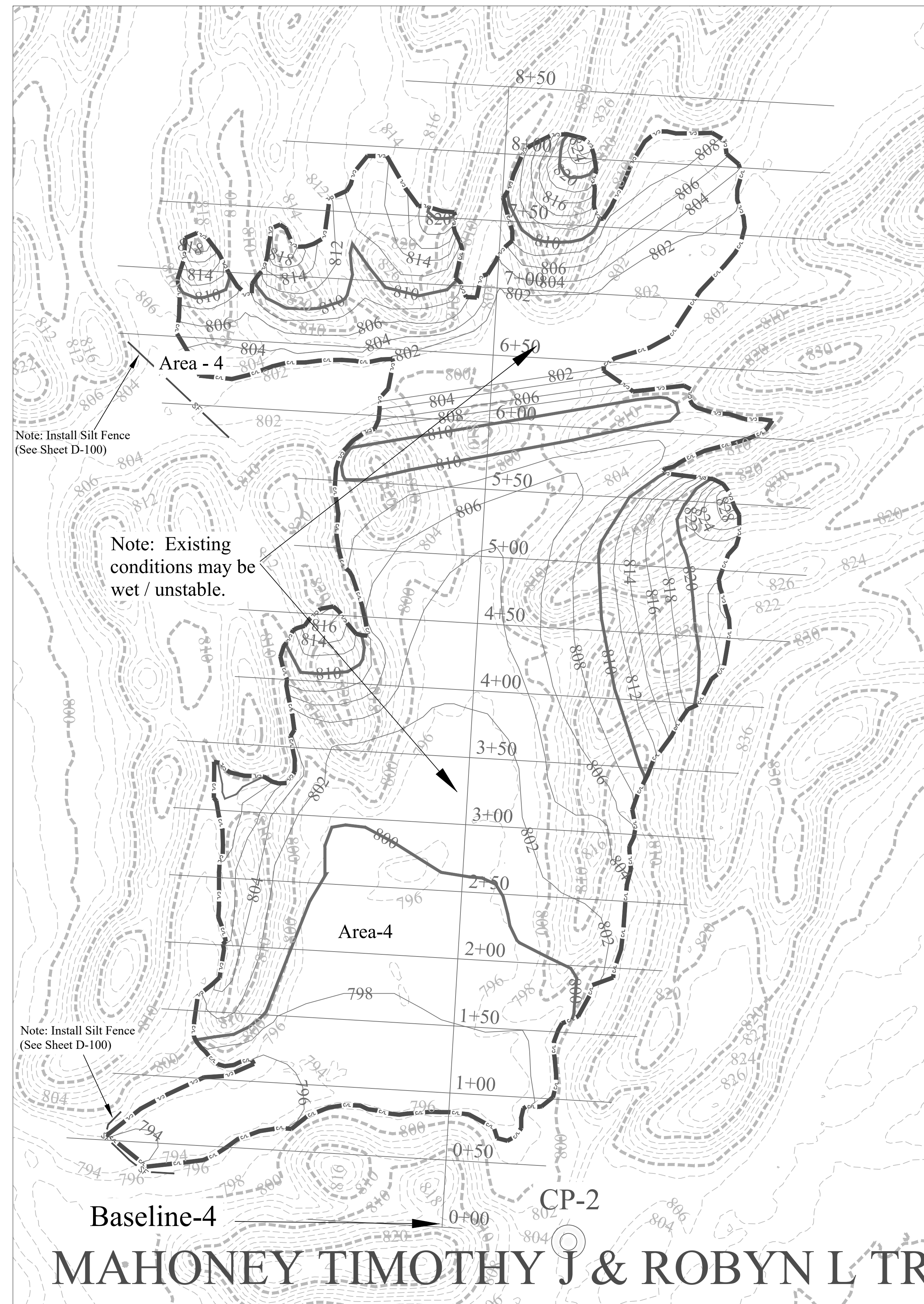
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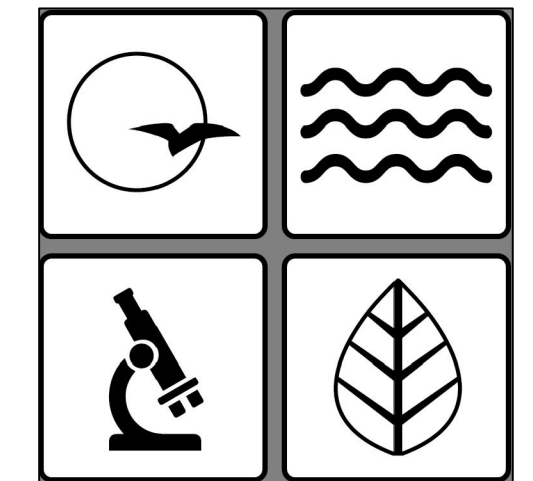
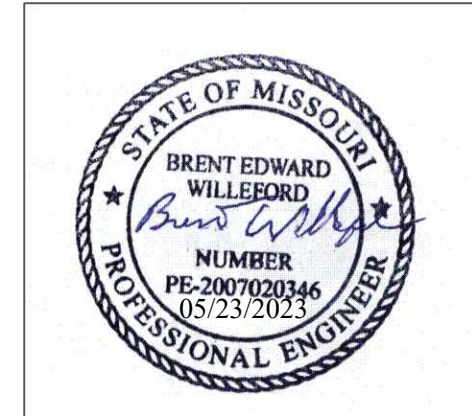
### LEGEND

Road		Pipes - New	
Waterline Design		Pipe - Existing	
Design Contours		Fence - New	
Existing Contours		Fence - Existing	
Construction Limits		MoDot Type-3 Ditch Liner	
Property Boundary		Silt Fence	
		Control Point	

# Area - 4



STATE OF MISSOURI  
MICHAEL L. PARSON,  
GOVERNOR



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OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

MO. DEPARTMENT OF  
NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

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CHECKED BY: LRP  
DESIGNED BY: BEW

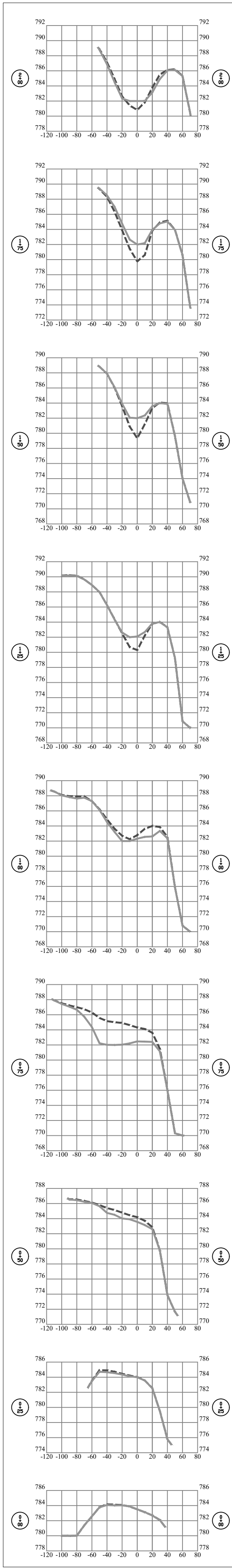
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Area 1 & 4

SHEET NUMBER:

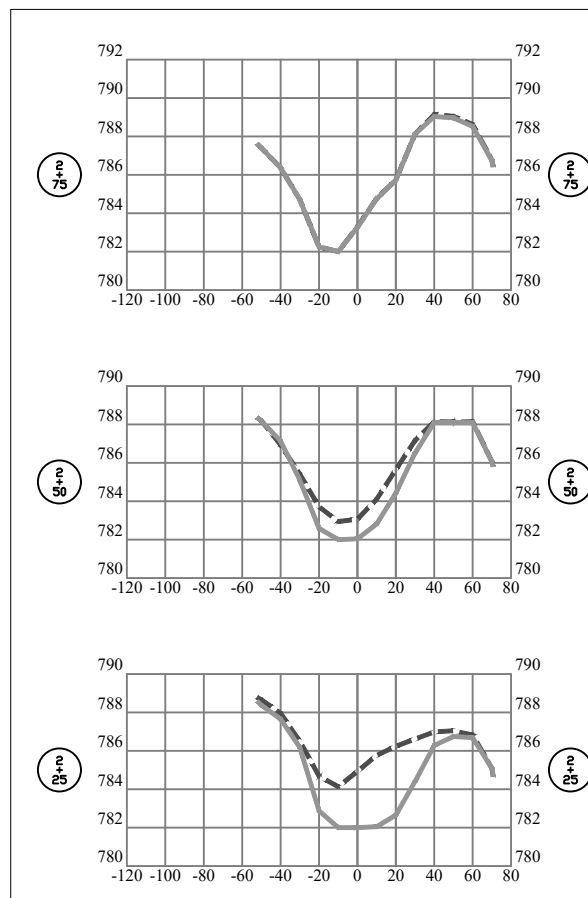
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4 OF 11 SHEETS  
05/23/2023

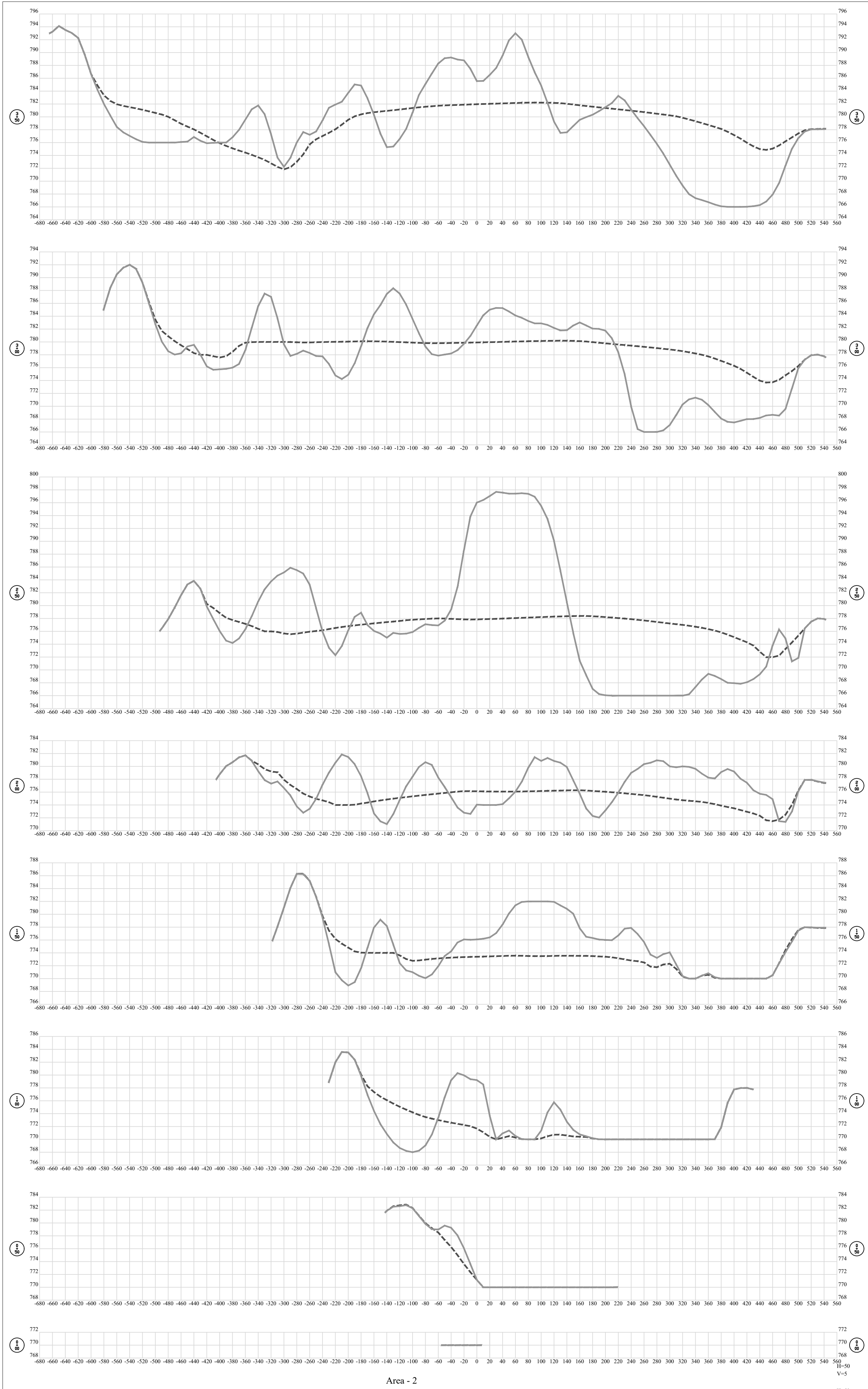
MAHONEY TIMOTHY J & ROBYN L TR



Baseline - 1



Baseline - 1



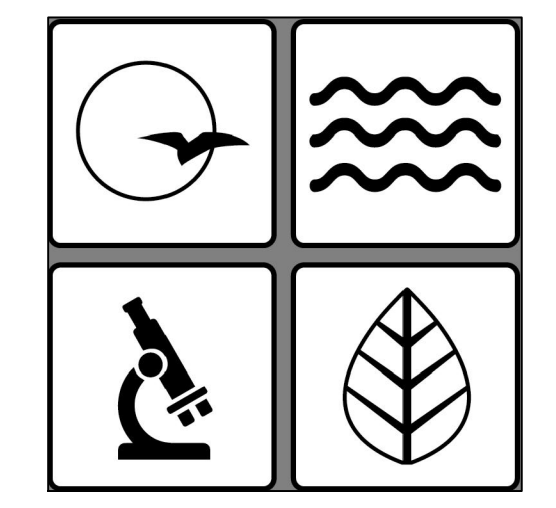
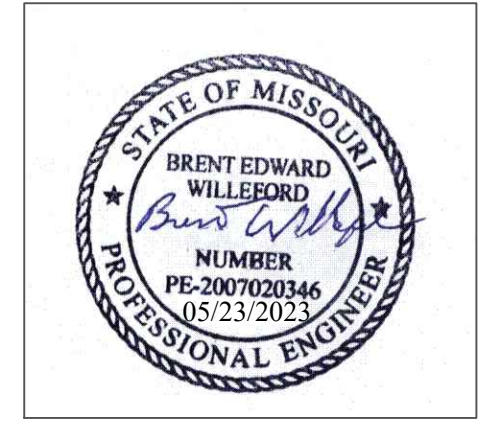
Area - 2

Baseline - 2

LEGEND

Existing Grade	—————
Final Grade	- - - - -

STATE OF MISSOURI  
MICHAEL L. PARSON,  
GOVERNOR



# MISSOURI

## DEPARTMENT OF

### NATURAL RESOURCES

OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

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LAND RECLAMATION  
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DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

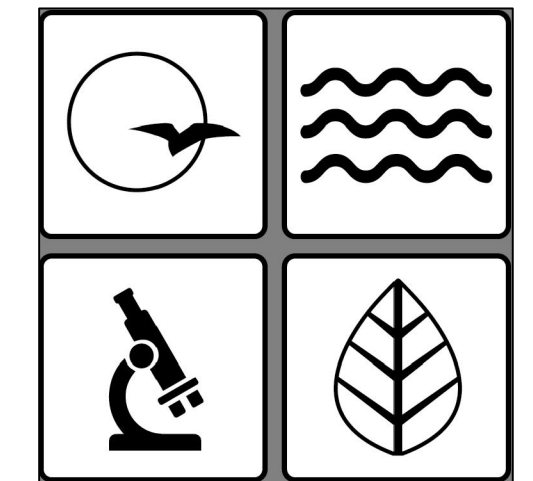
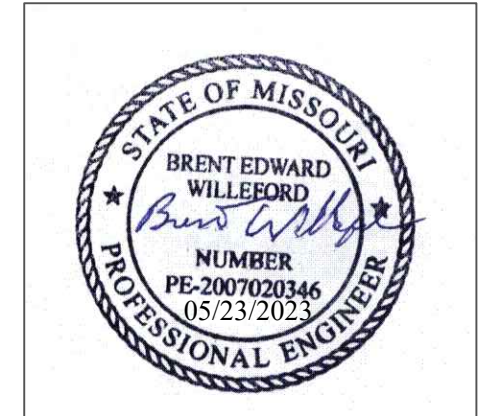
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CHECKED BY: LRP  
DESIGNED BY: BEW

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**CROSS SECTIONS**  
**BASELINE-1 Sta 0+00 to Sta 2+75**  
**BASELINE-2 Sta 0+00 to Sta 3+50**

SHEET NUMBER:

# C-102

5 OF 11 SHEETS  
05/23/2023



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NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_

ISSUE DATE: 05/23/2023

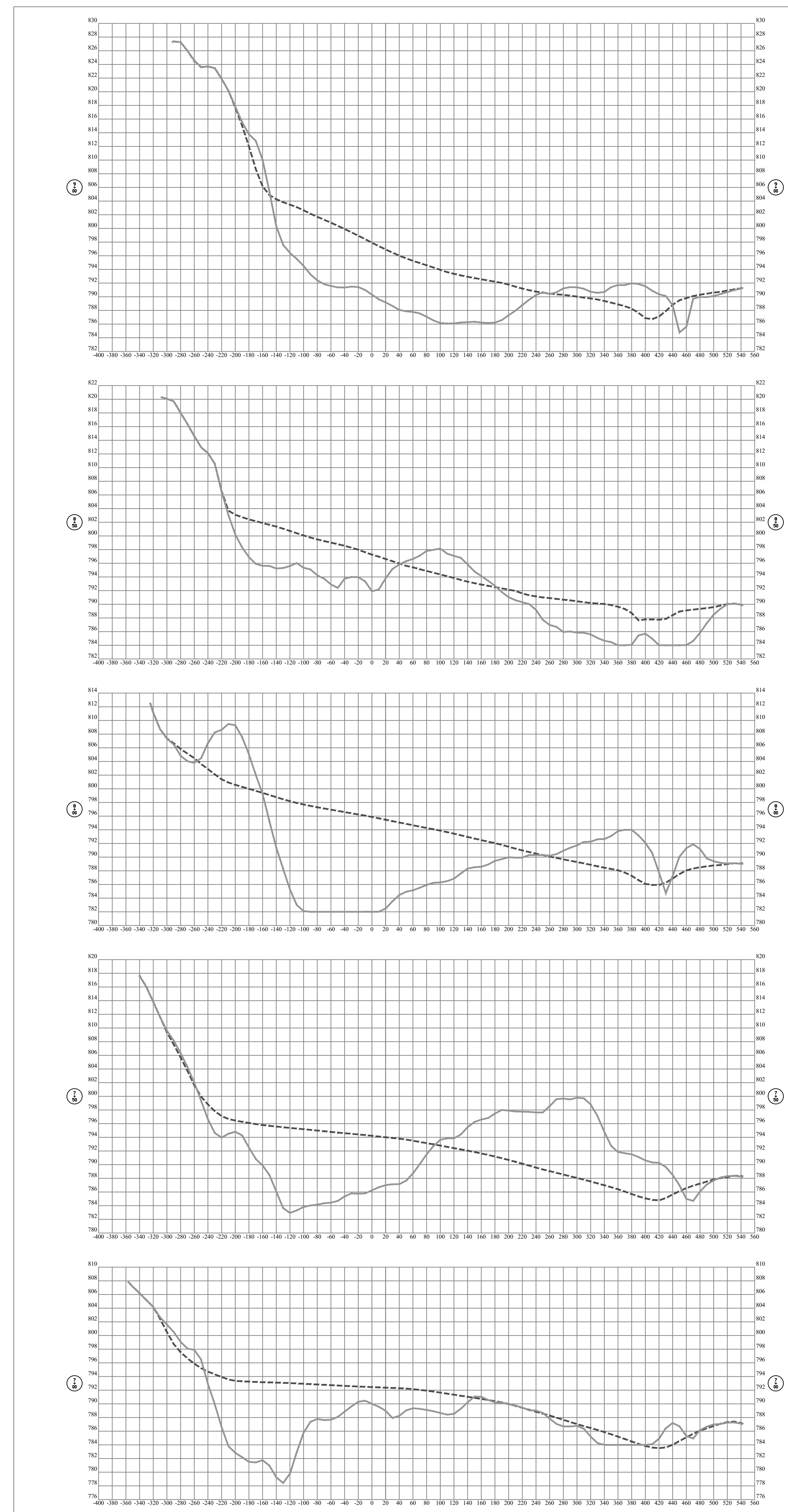
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**BASELINE-2 Sta 4+00 to Sta 9+00**

SHEET NUMBER:

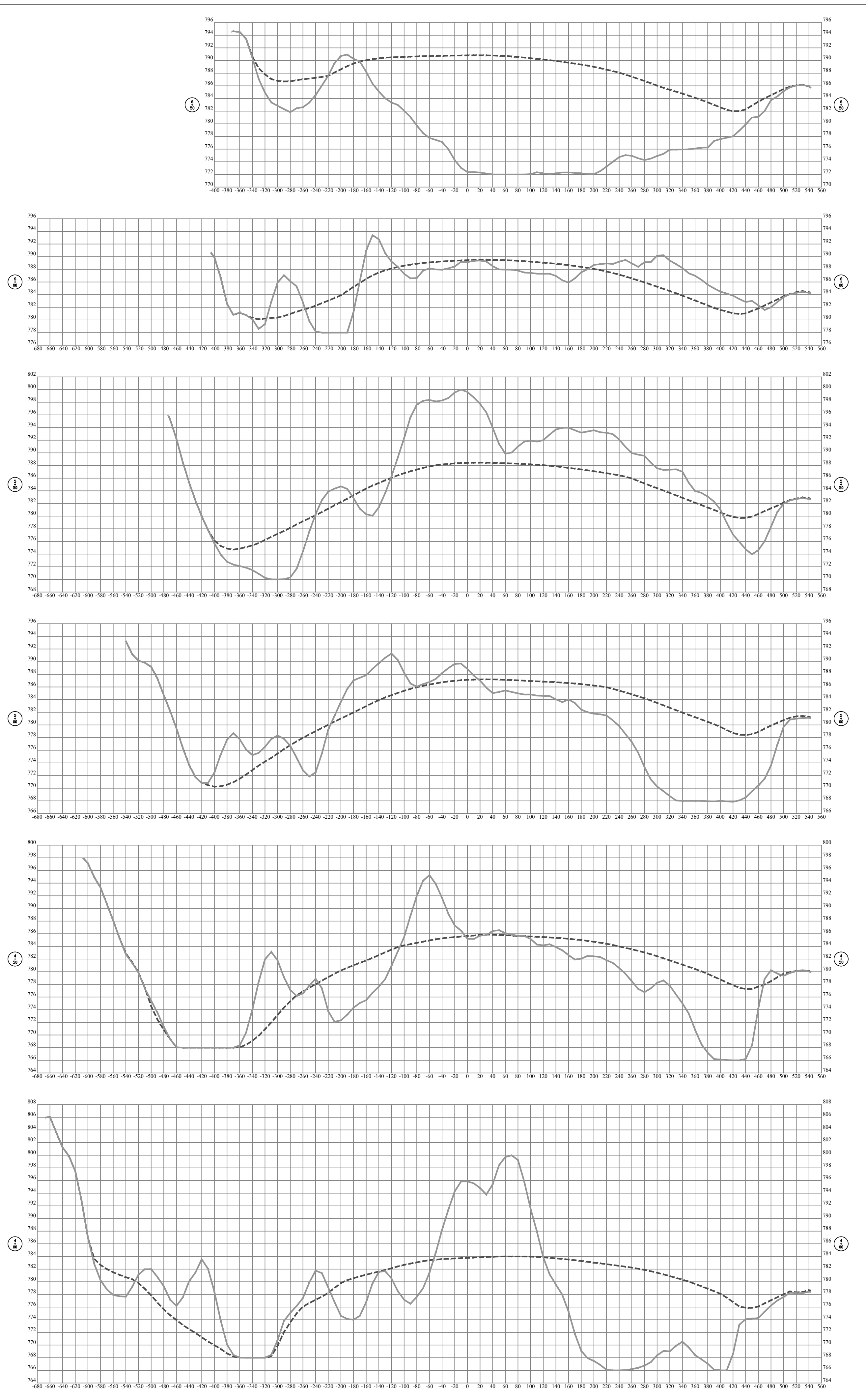
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6 OF 11 SHEETS  
05/23/2023

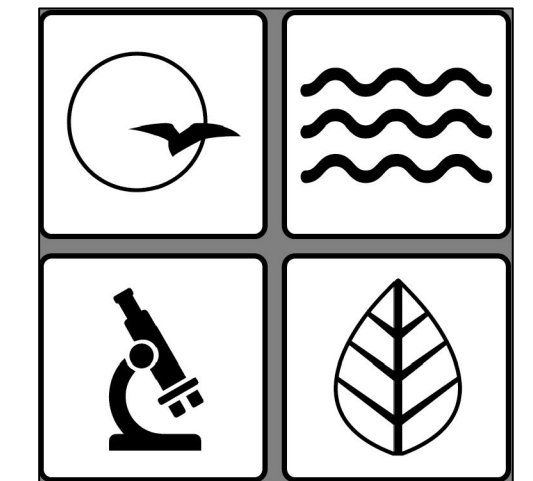
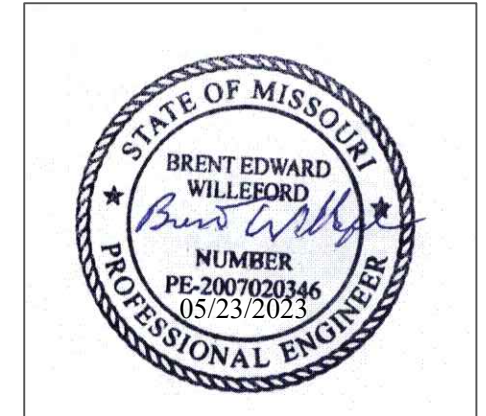


Baseline - 2

LEGEND



Baseline - 2



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NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

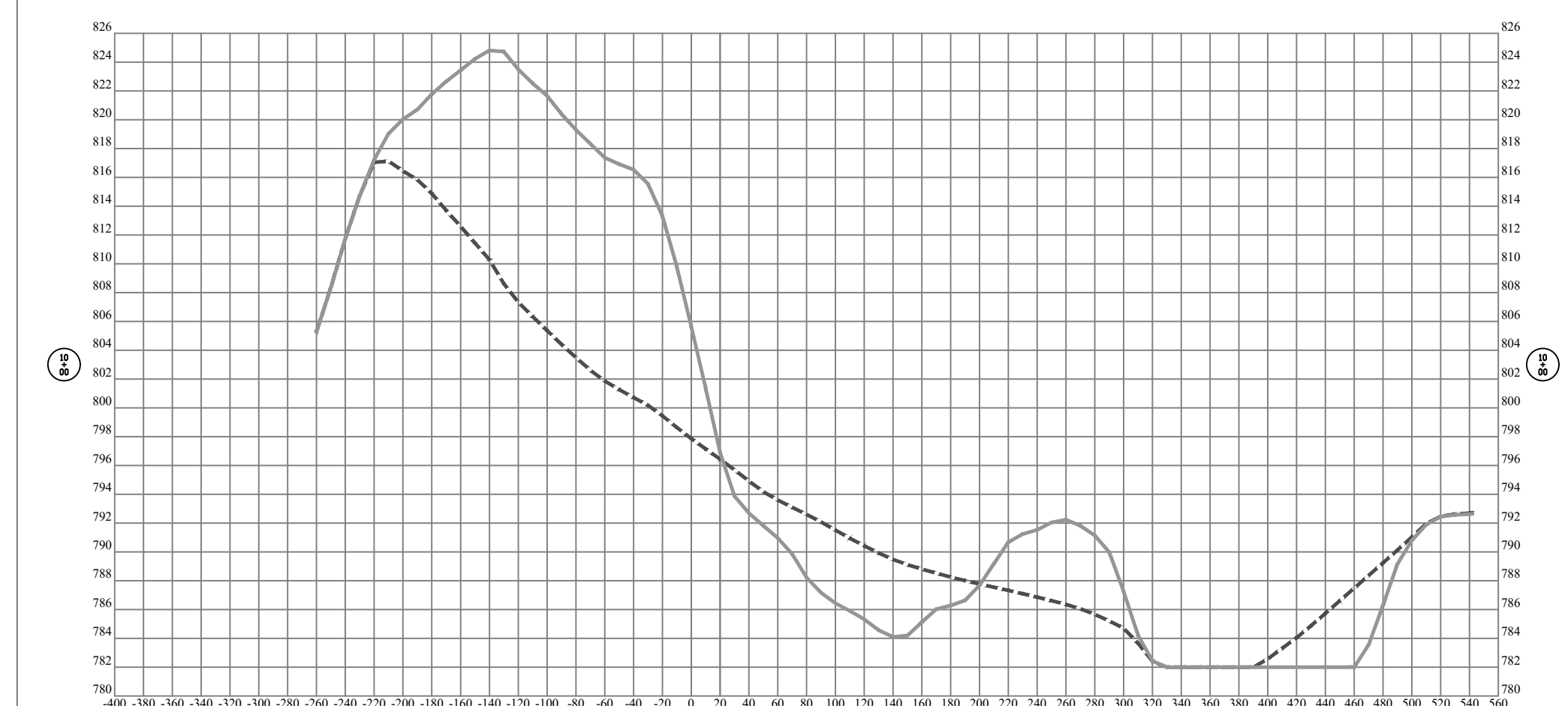
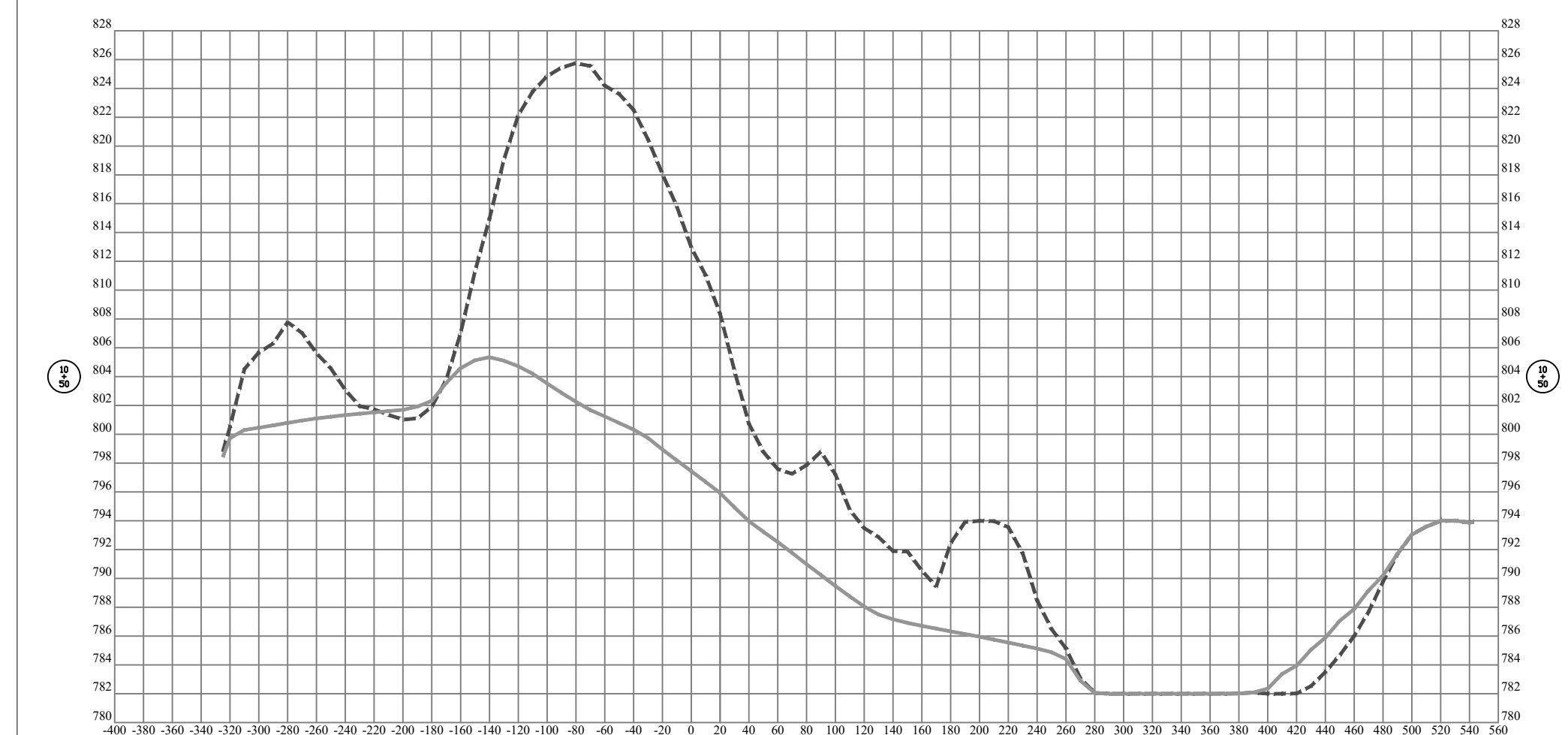
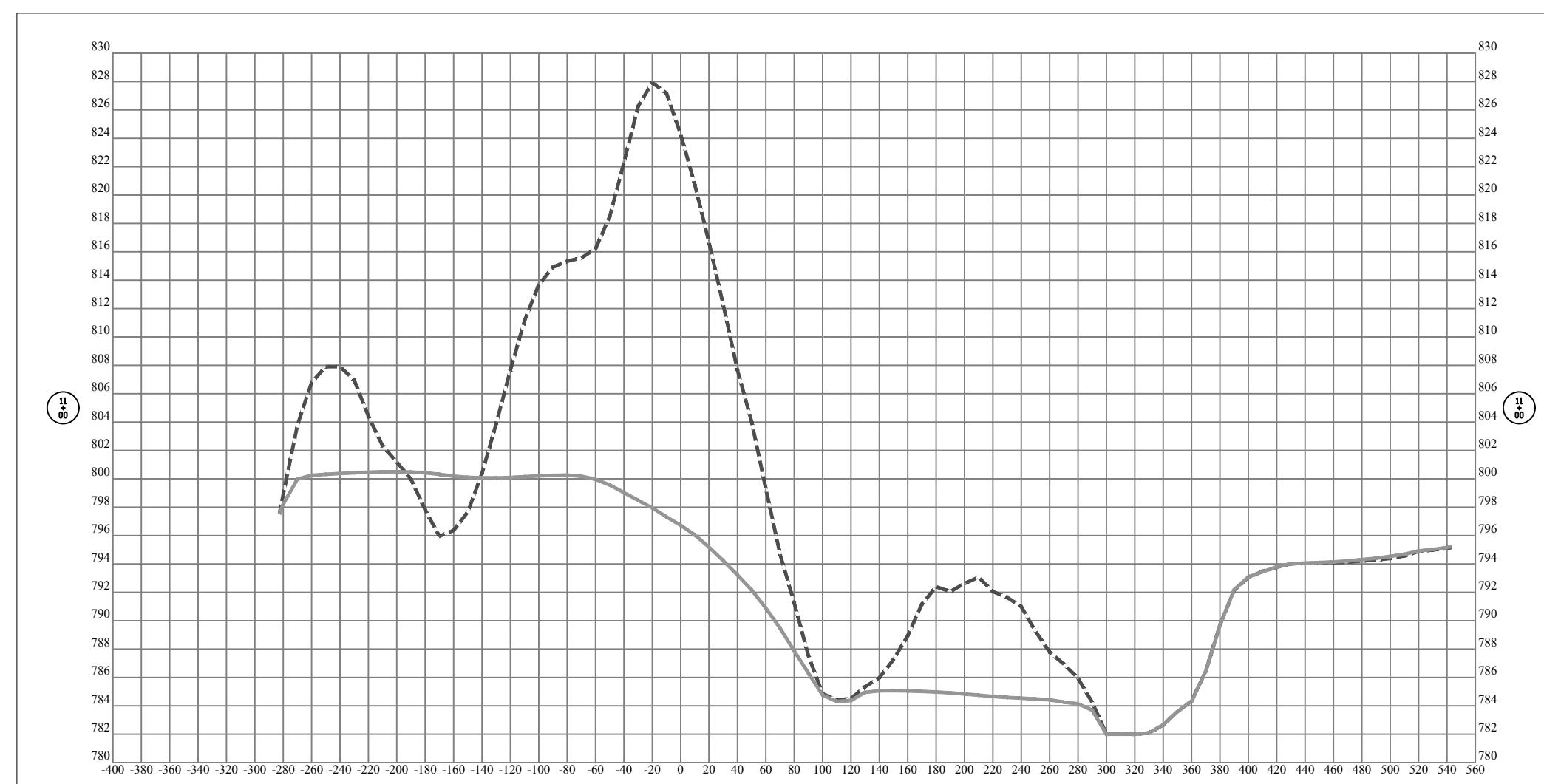
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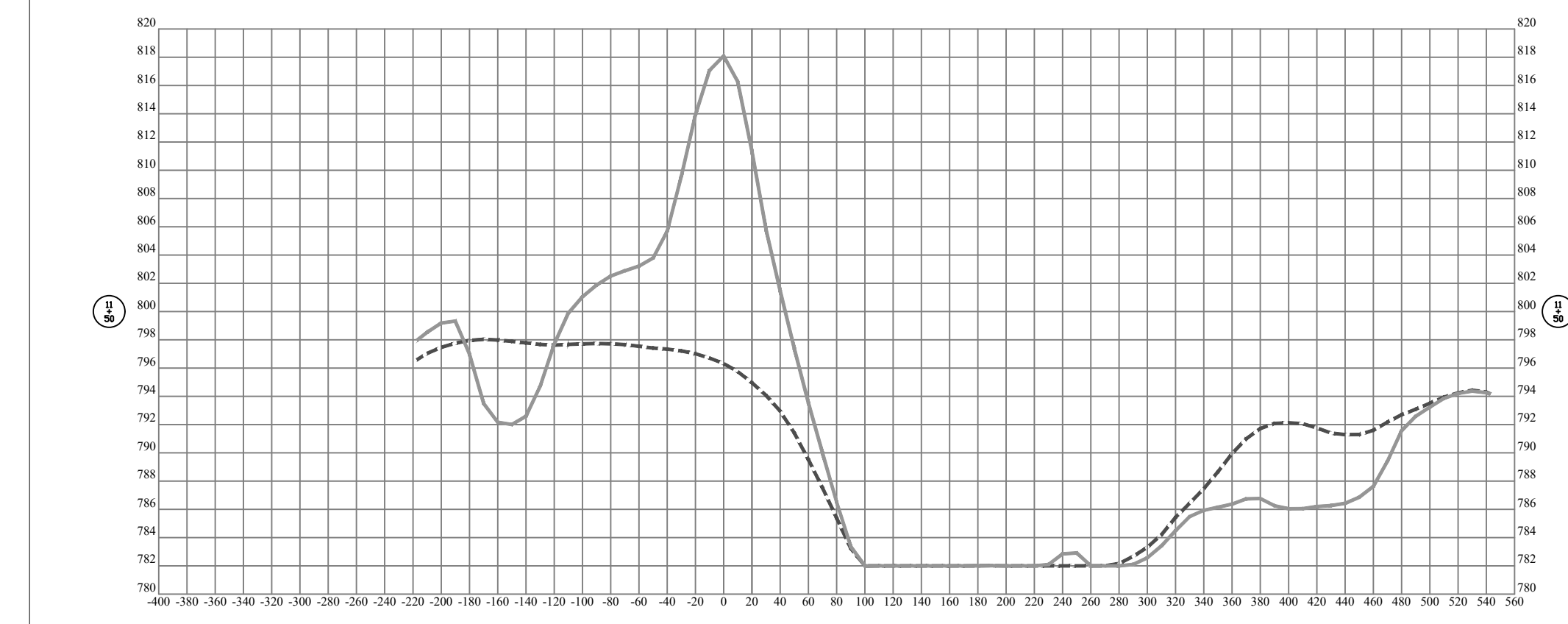
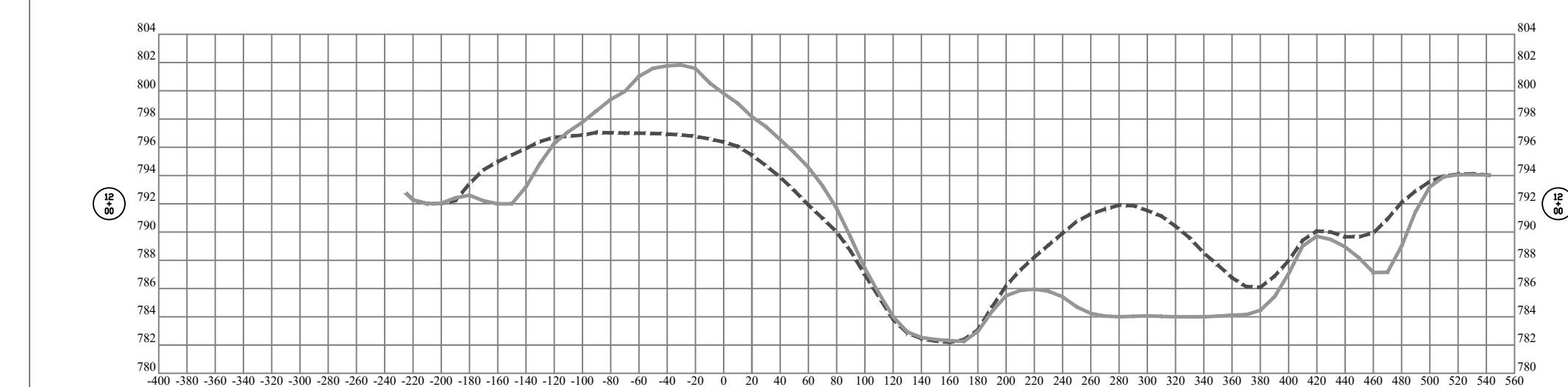
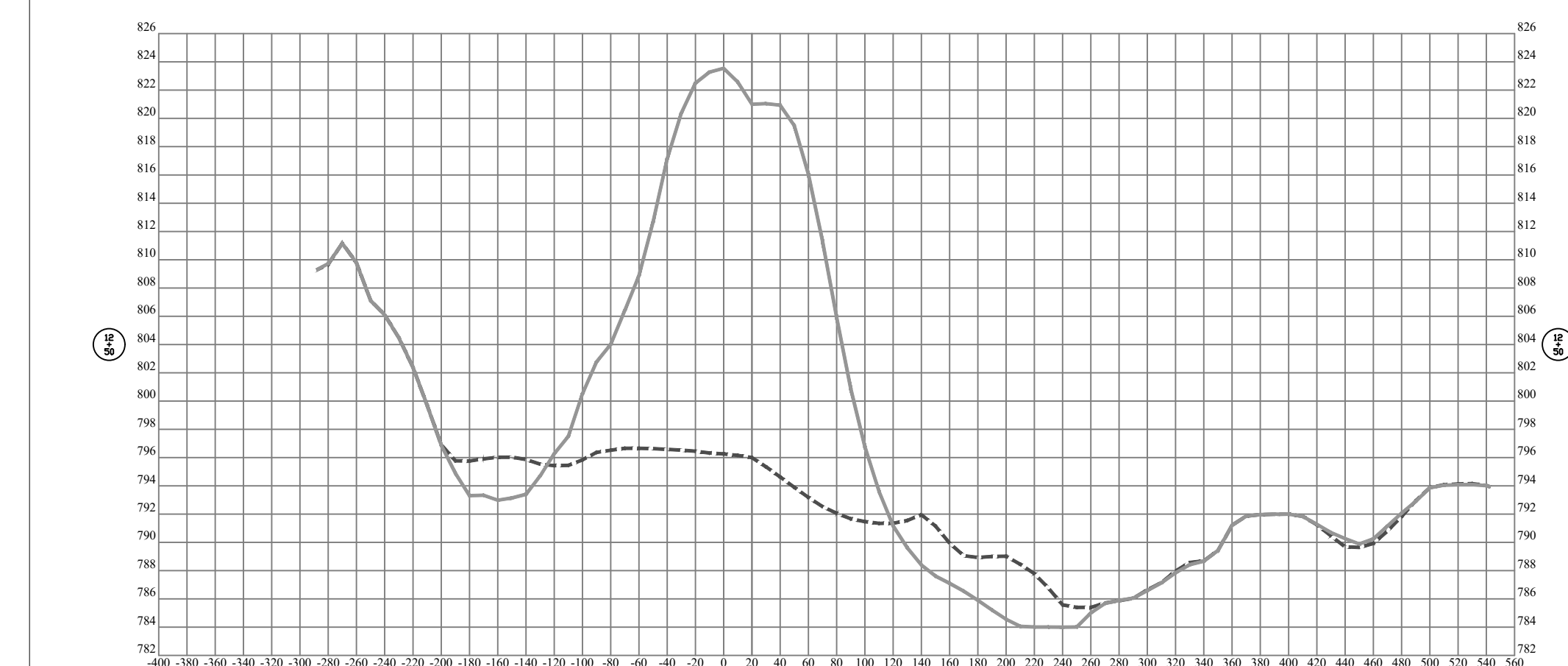
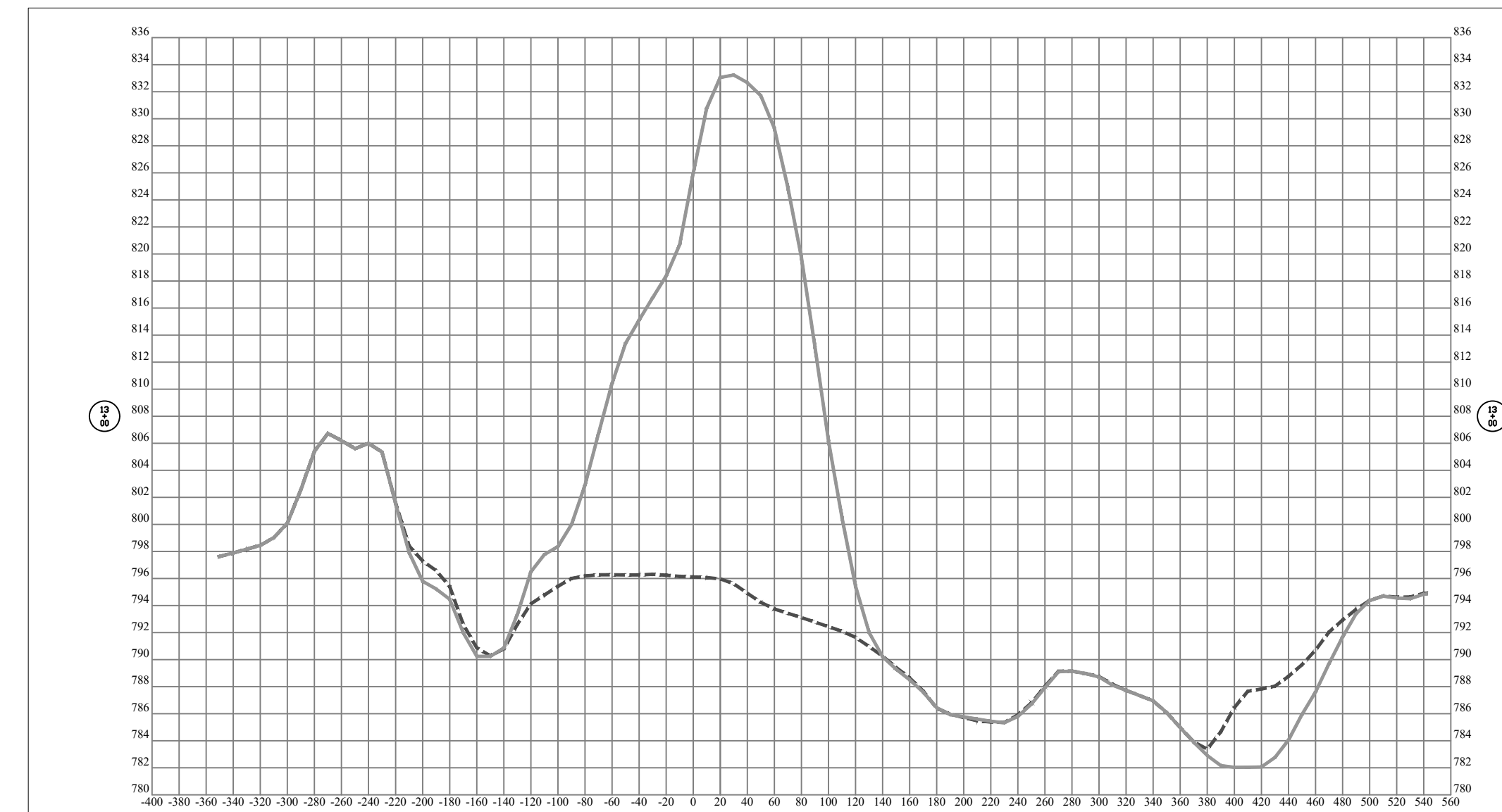
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7 OF 11 SHEETS  
05/23/2023



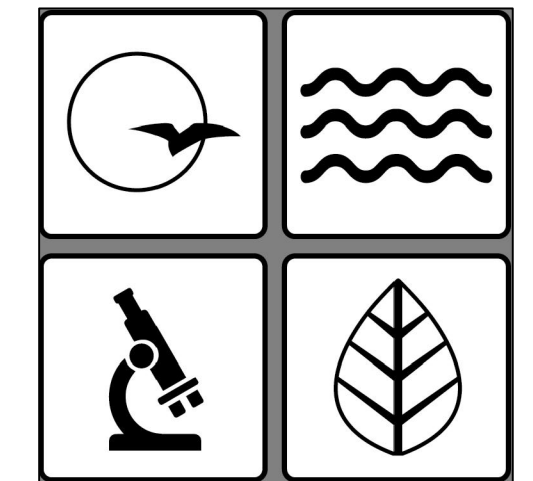
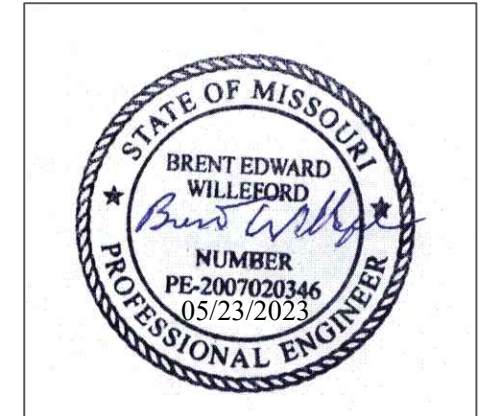
Baseline - 2



Baseline - 2

LEGEND

Existing Grade	—————
Final Grade	-----



**MISSOURI**  
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MO. DEPARTMENT OF  
NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
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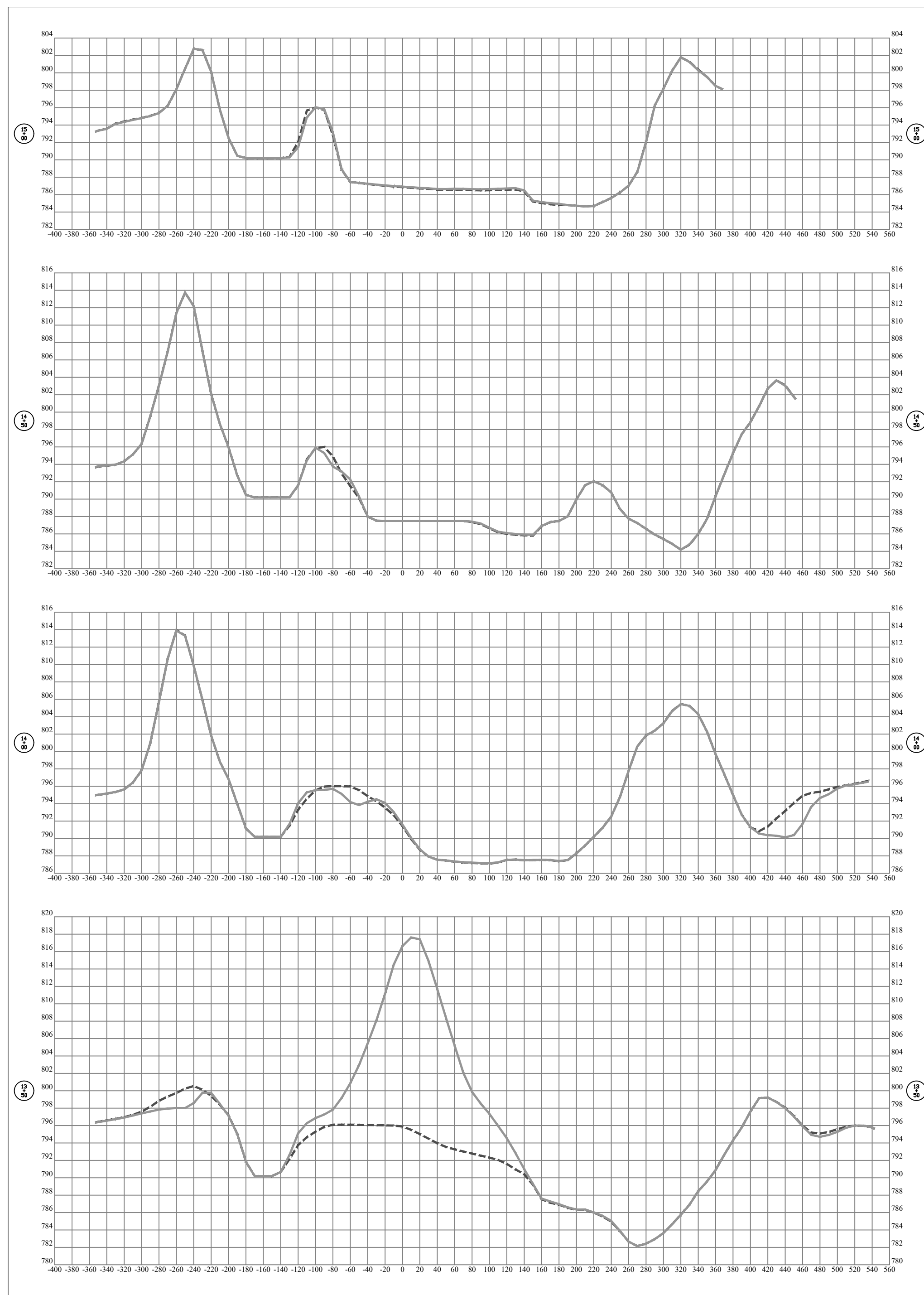
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DRAWN BY: BEW  
CHECKED BY: LRP  
DESIGNED BY: BEW

SHEET TITLE:  
**CROSS SECTIONS**  
BASELINE-2 Sta 13+50 to Sta 15+00  
BASELINE-3 Sta 0+00 to Sta 5+25  
BASELINE-4 Sta 0+00 to Sta 3+00

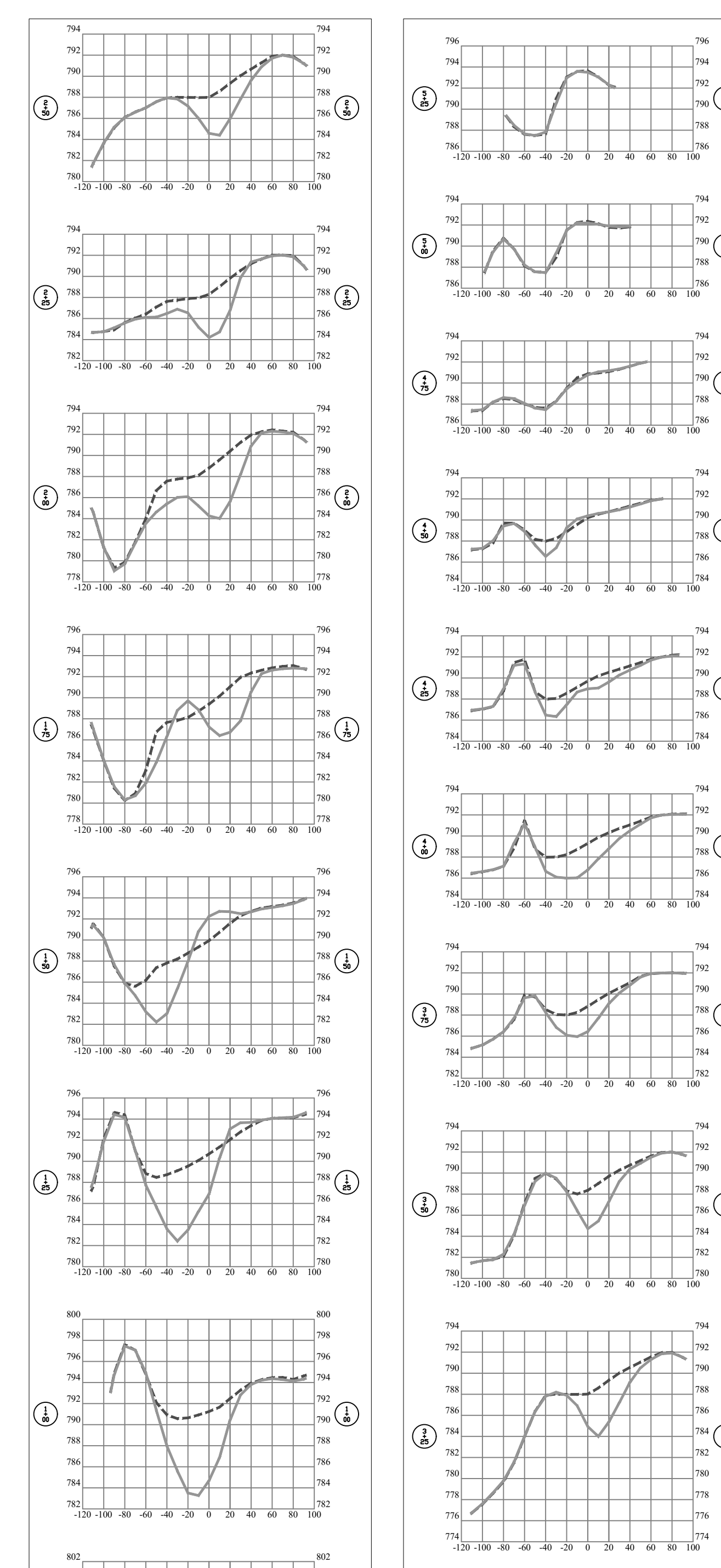
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**C-105**  
8 OF 11 SHEETS  
05/23/2023

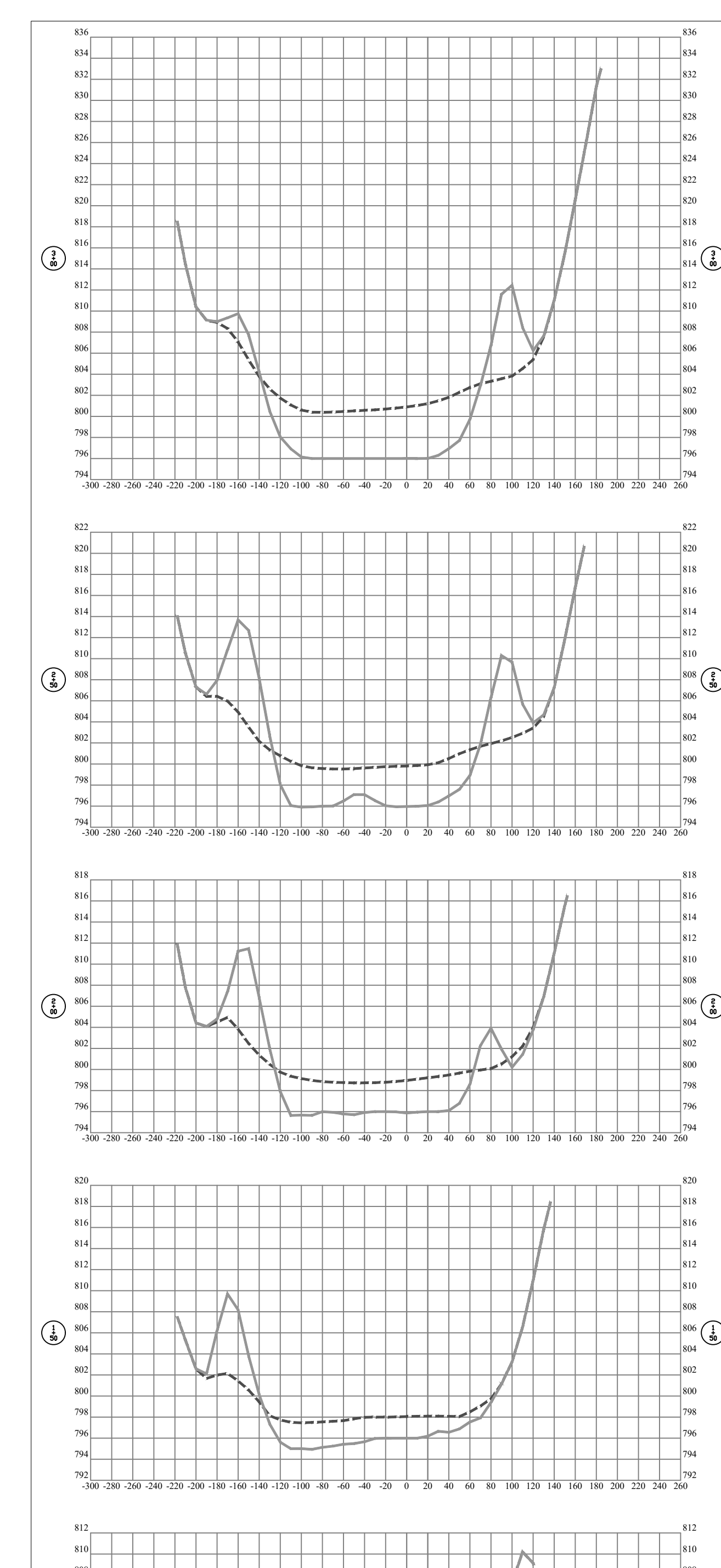
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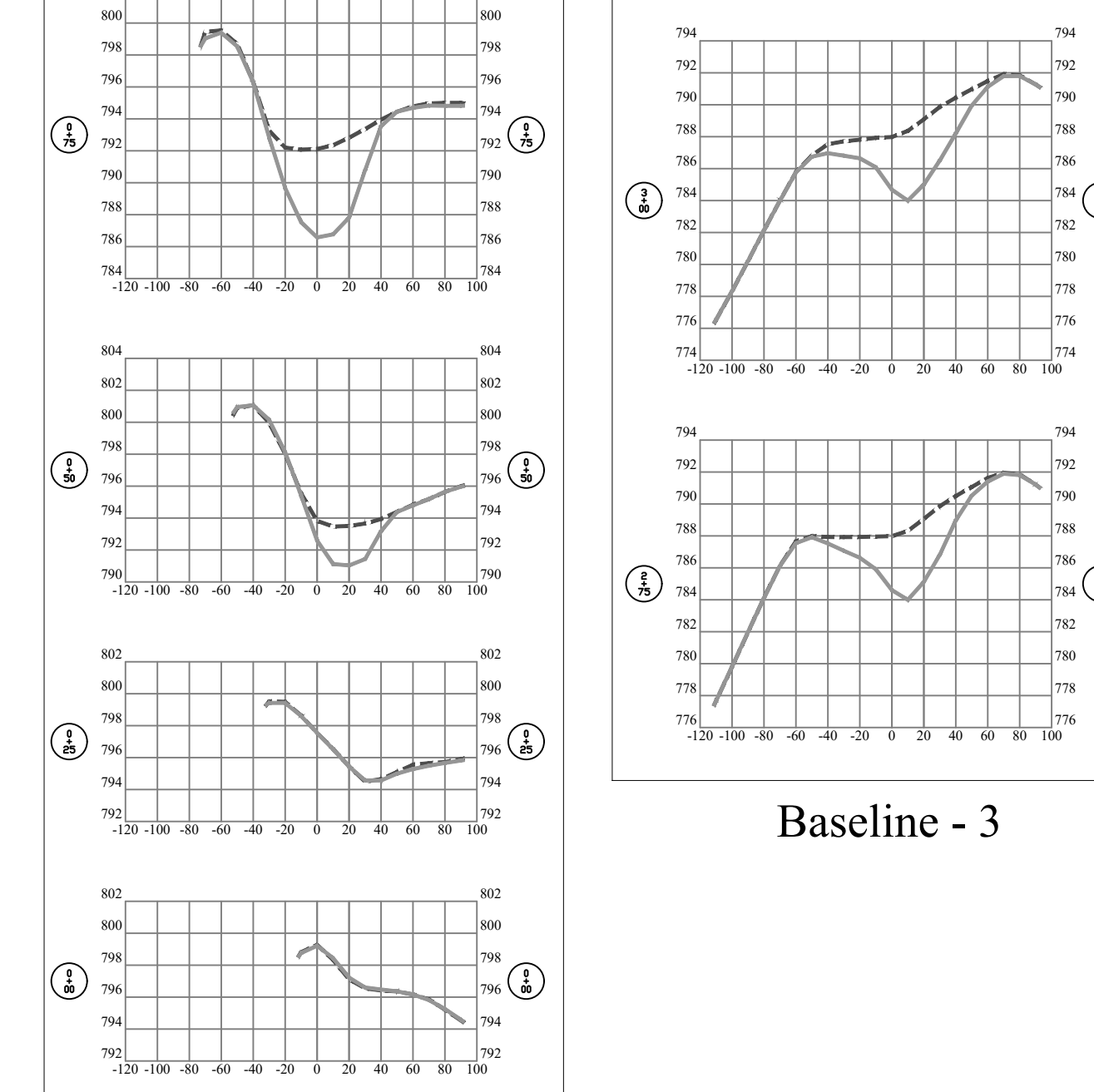
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Baseline - 3

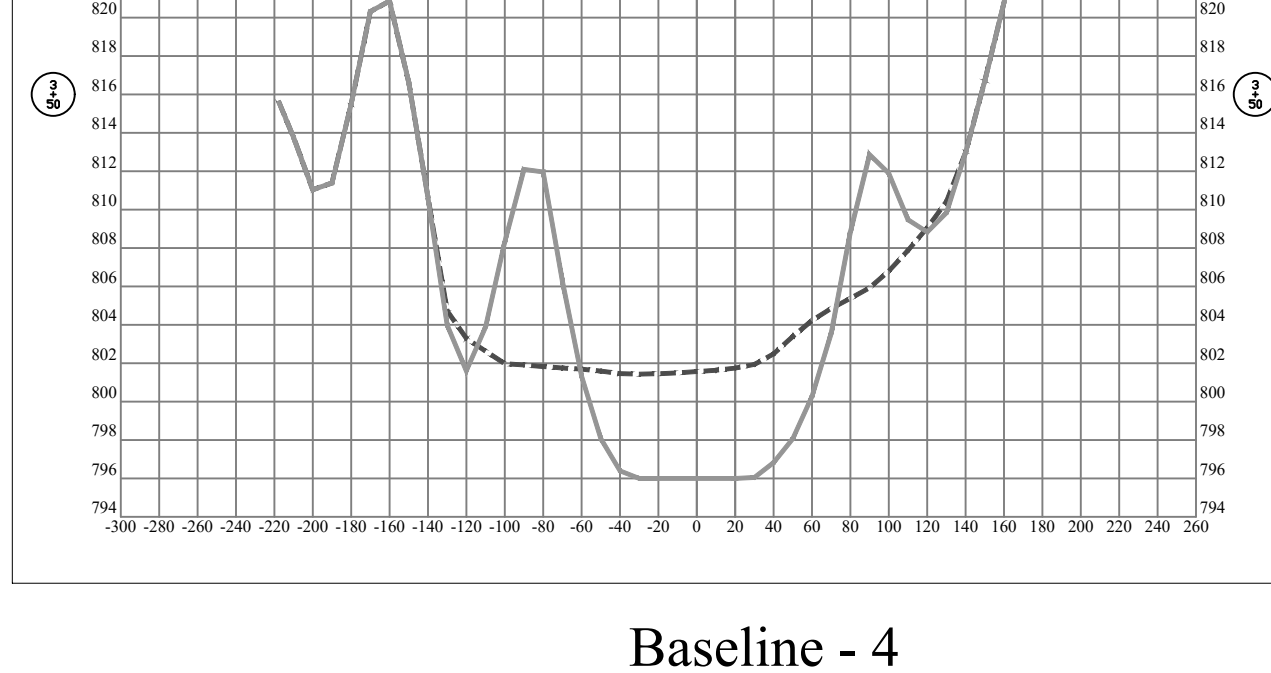
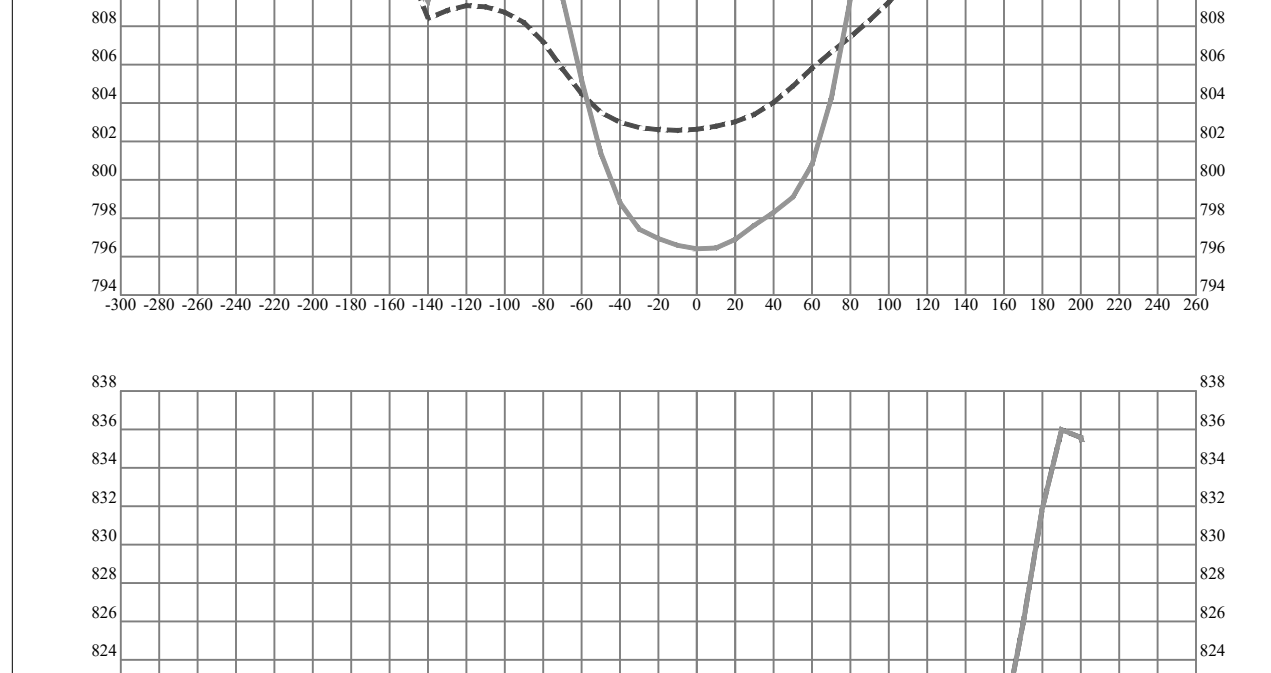
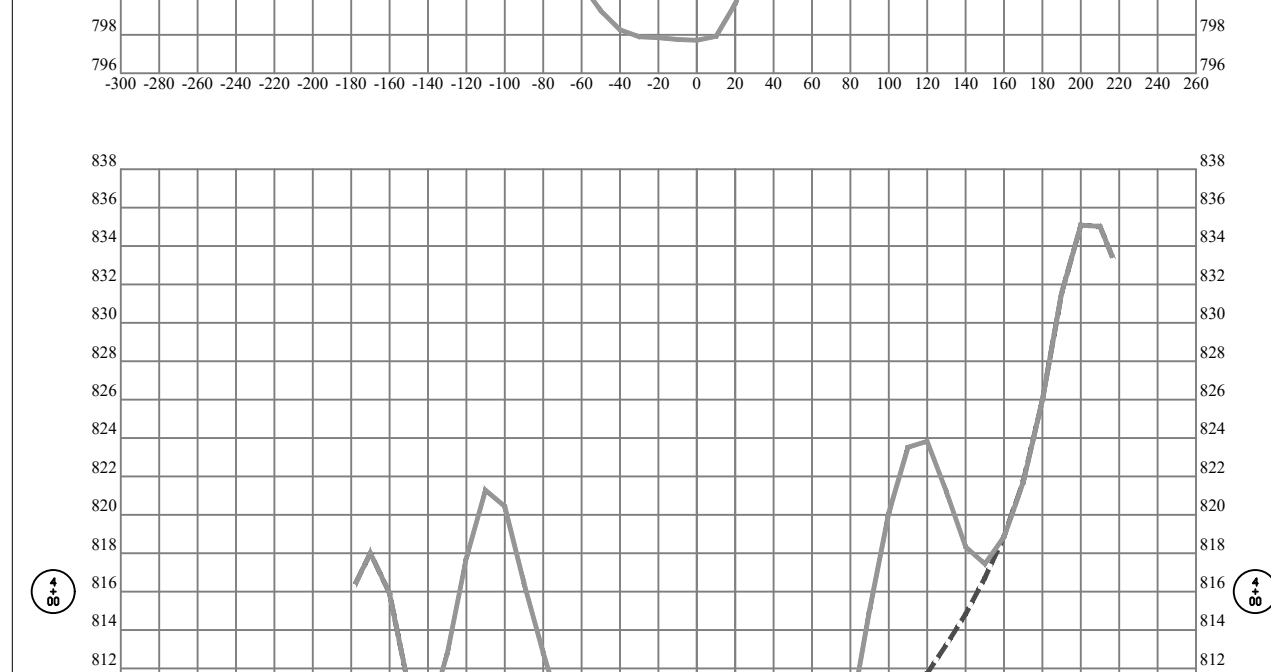
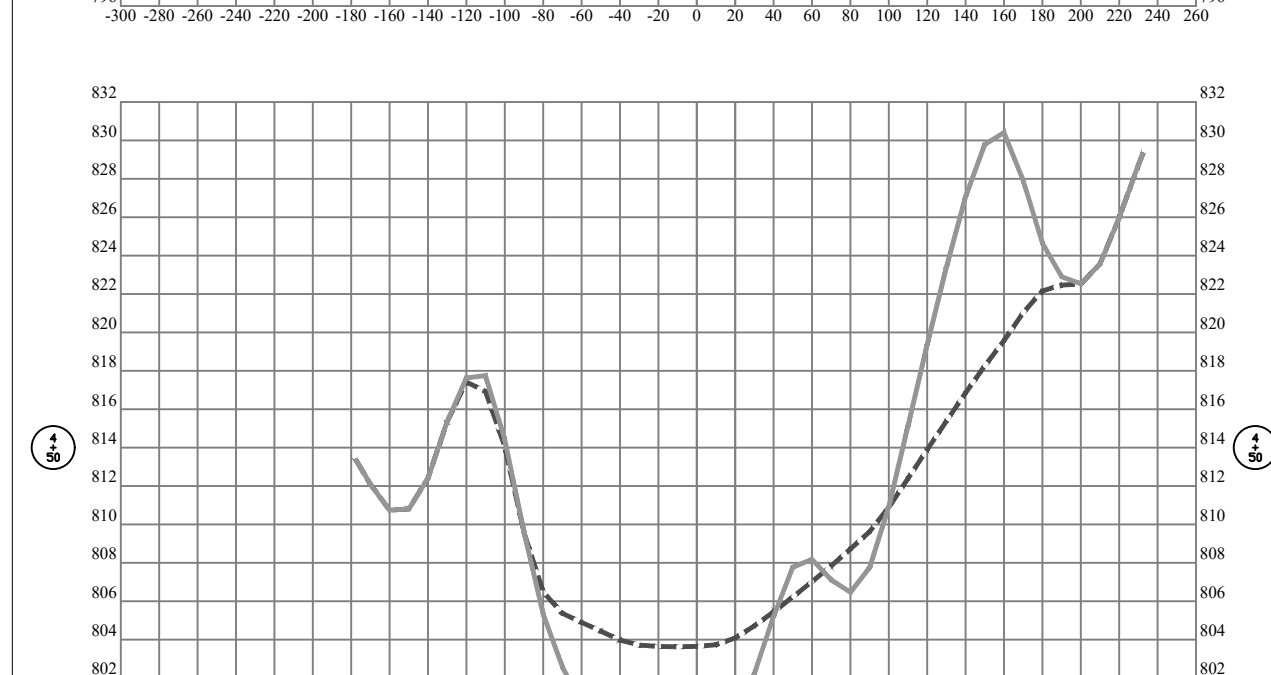
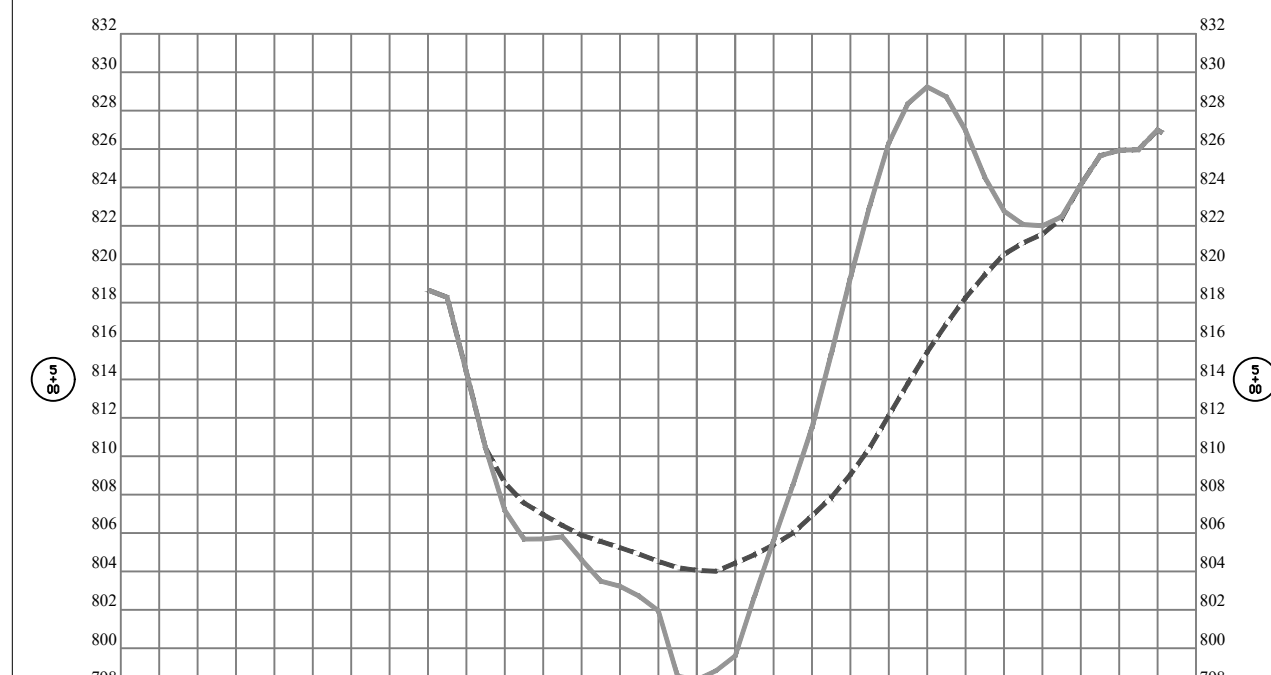
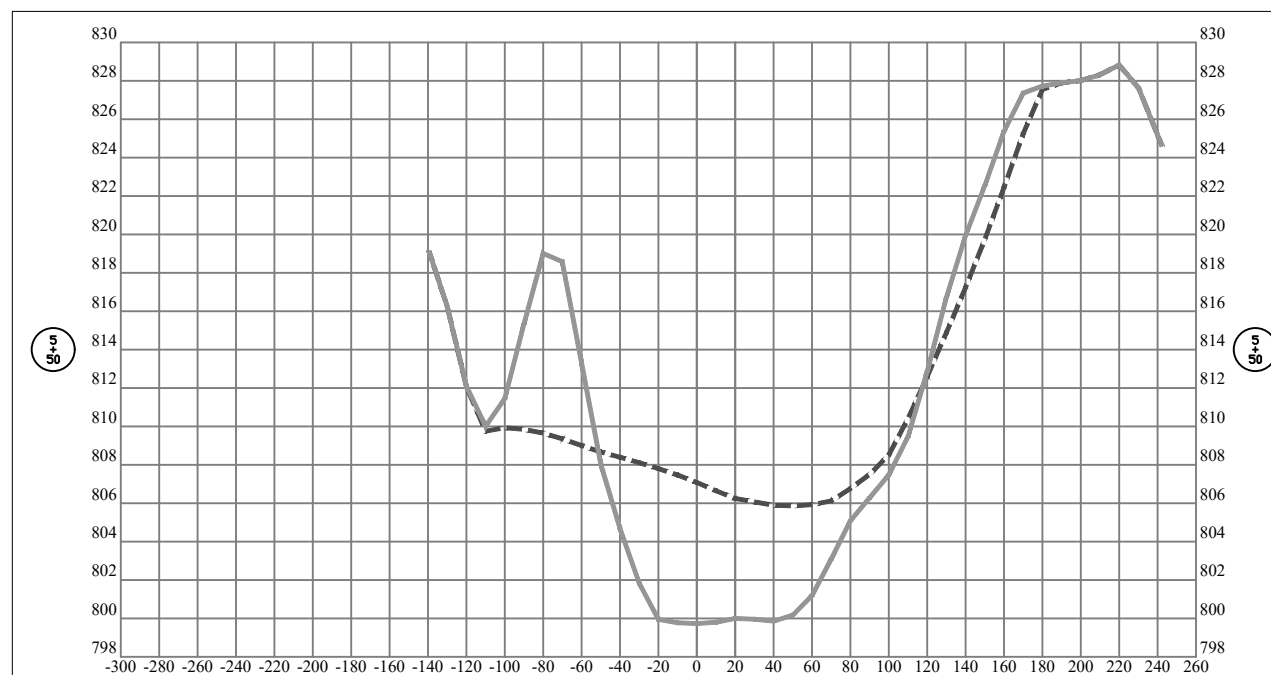


Baseline - 4

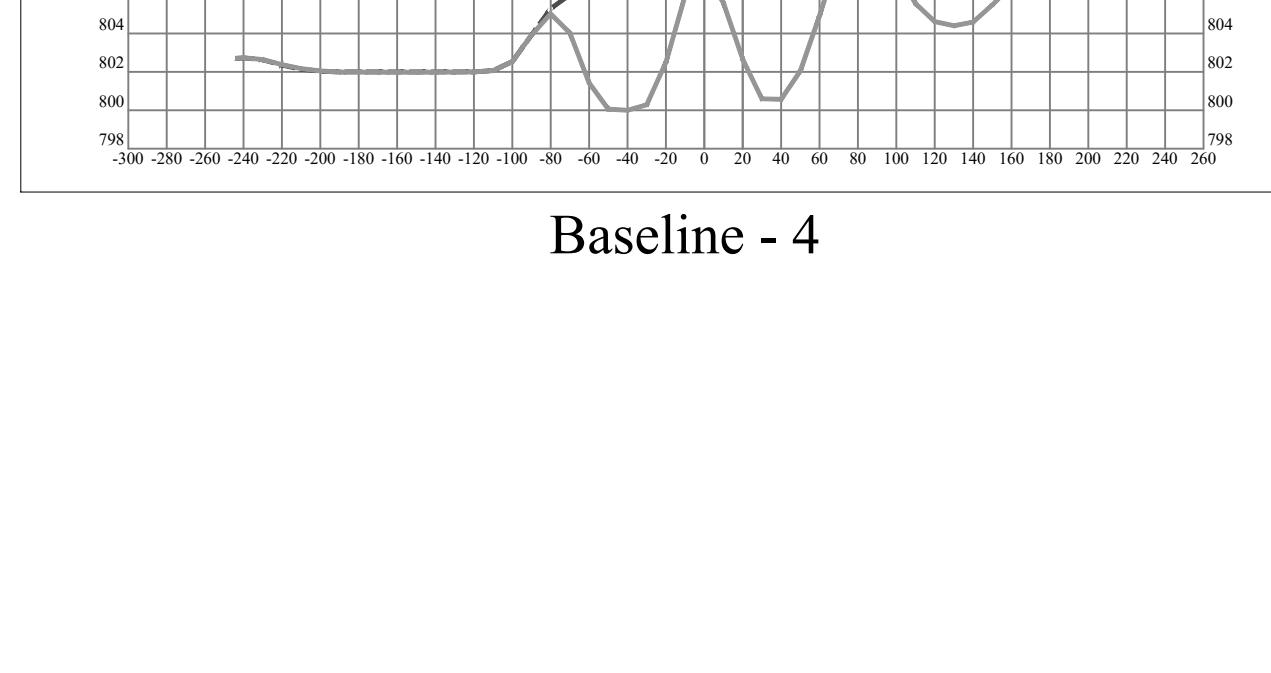
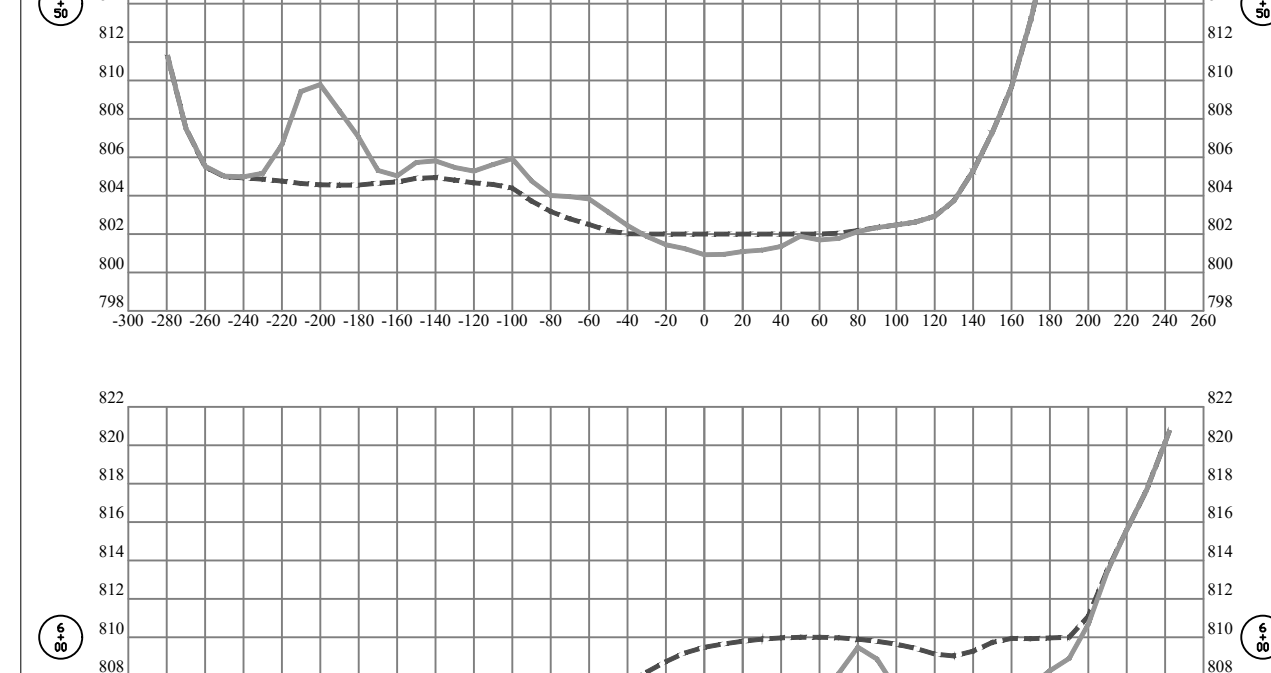
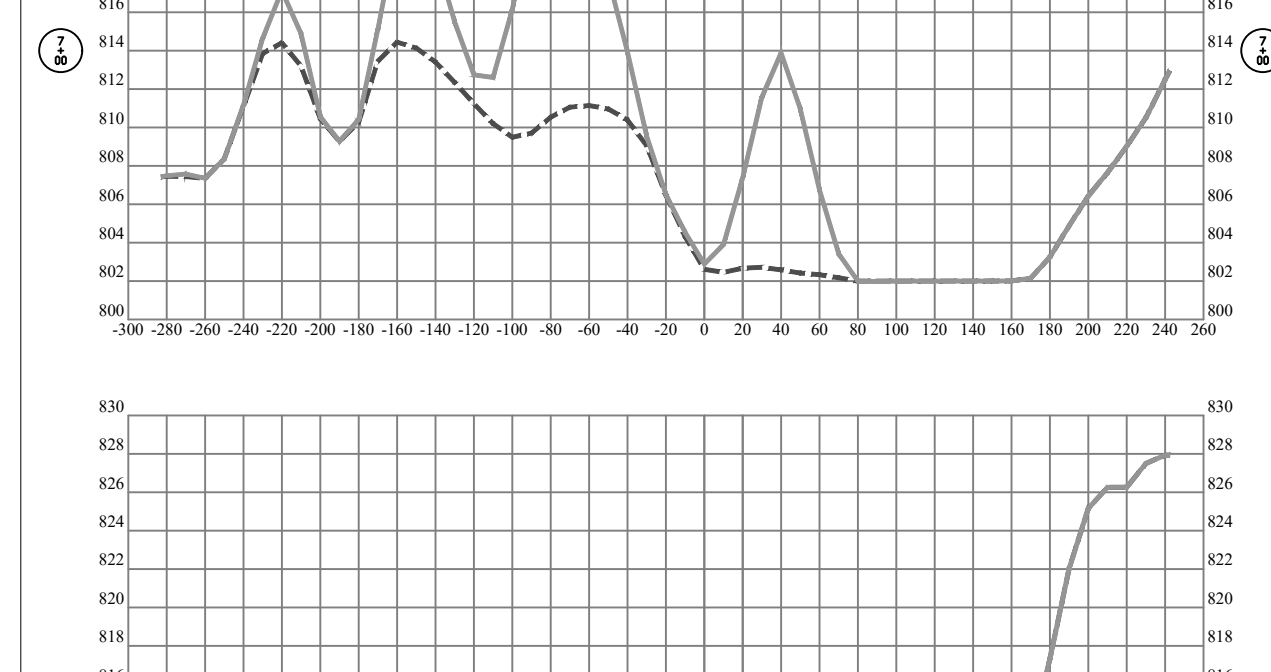
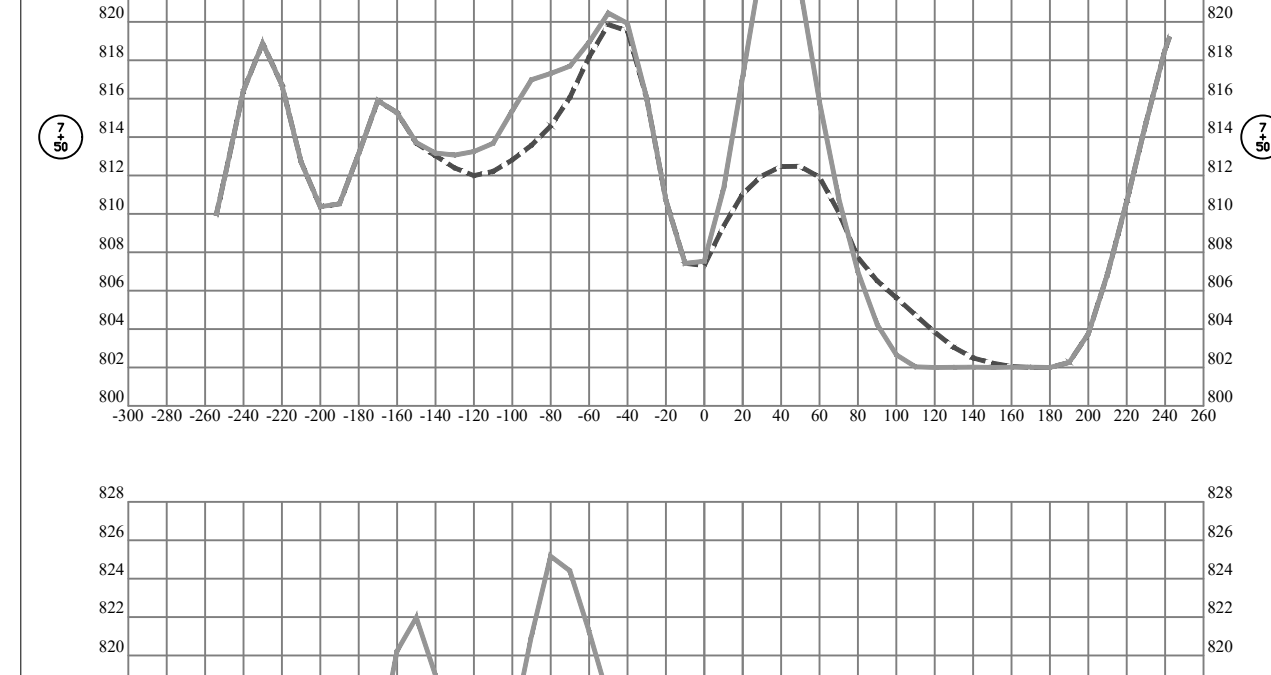
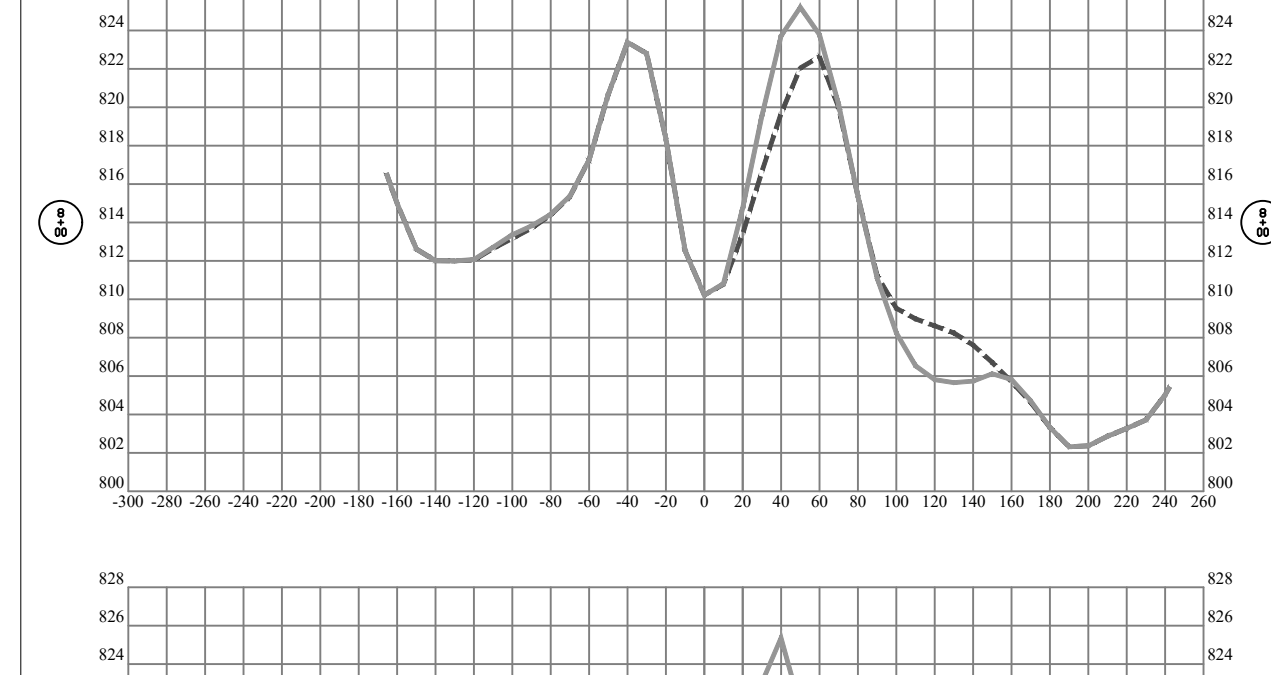
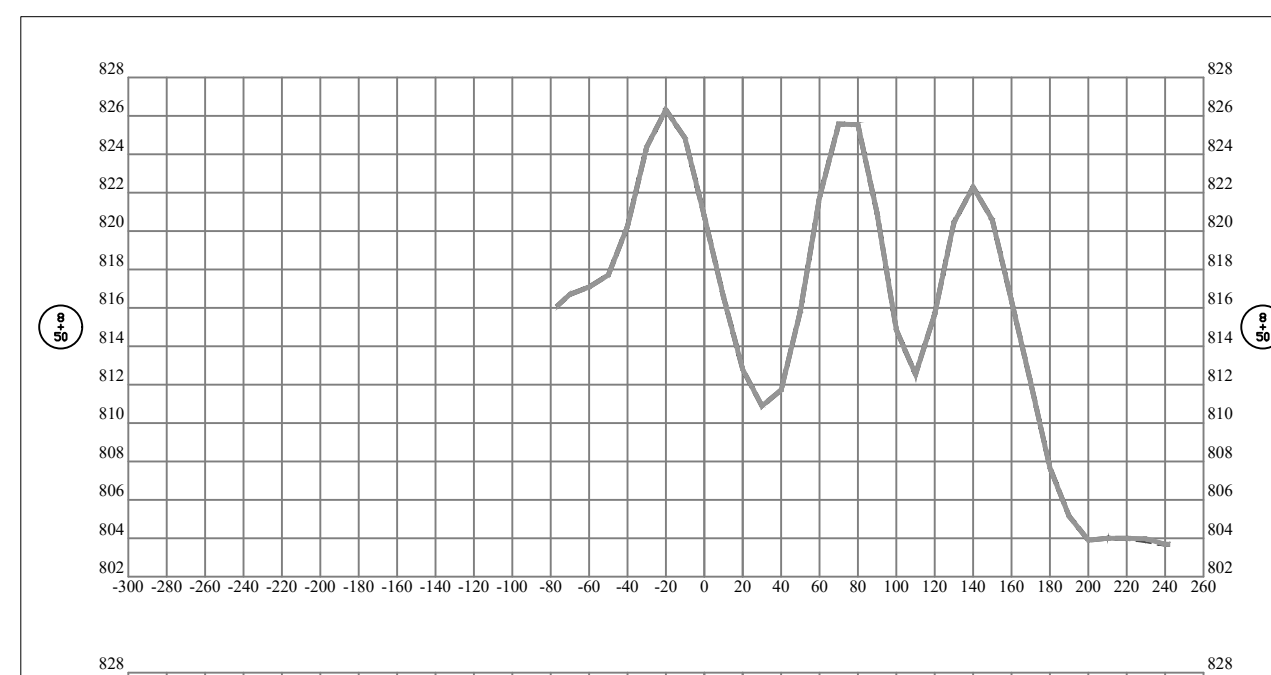


Baseline - 3

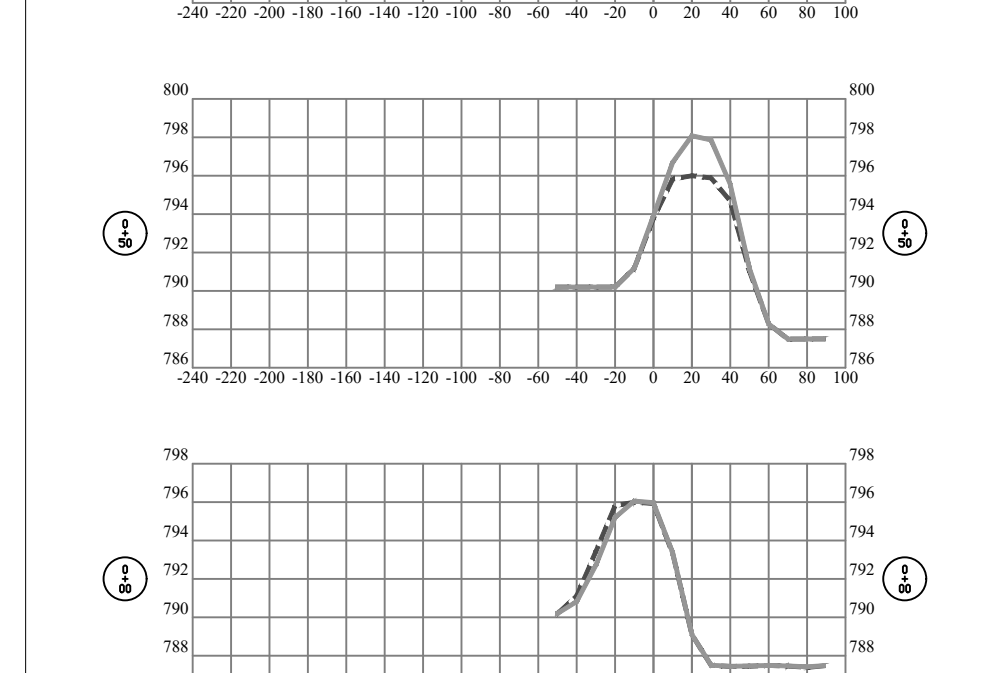
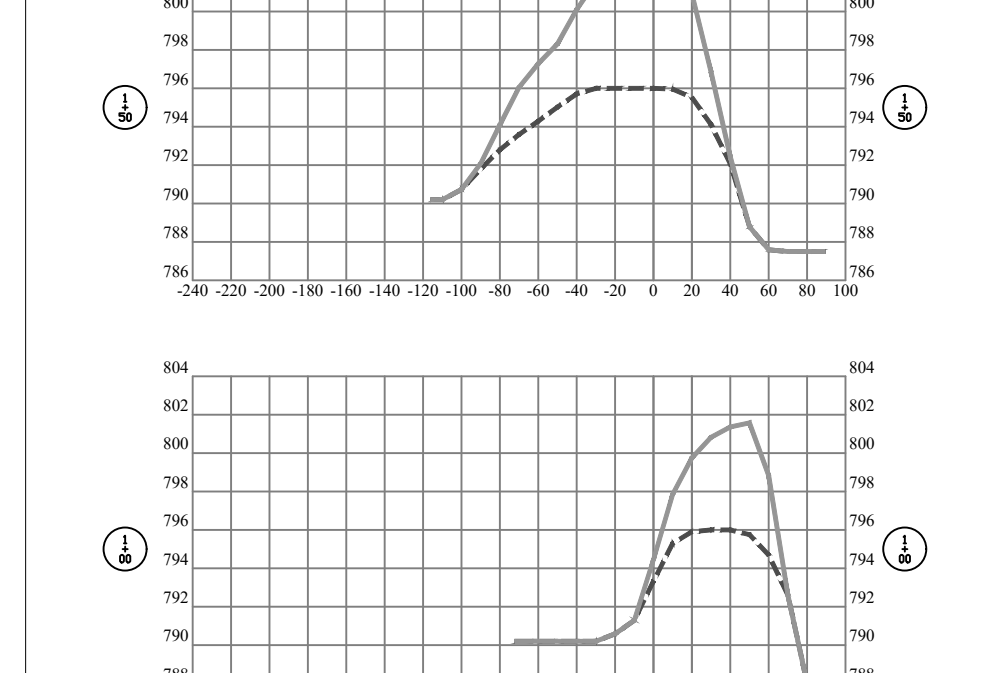
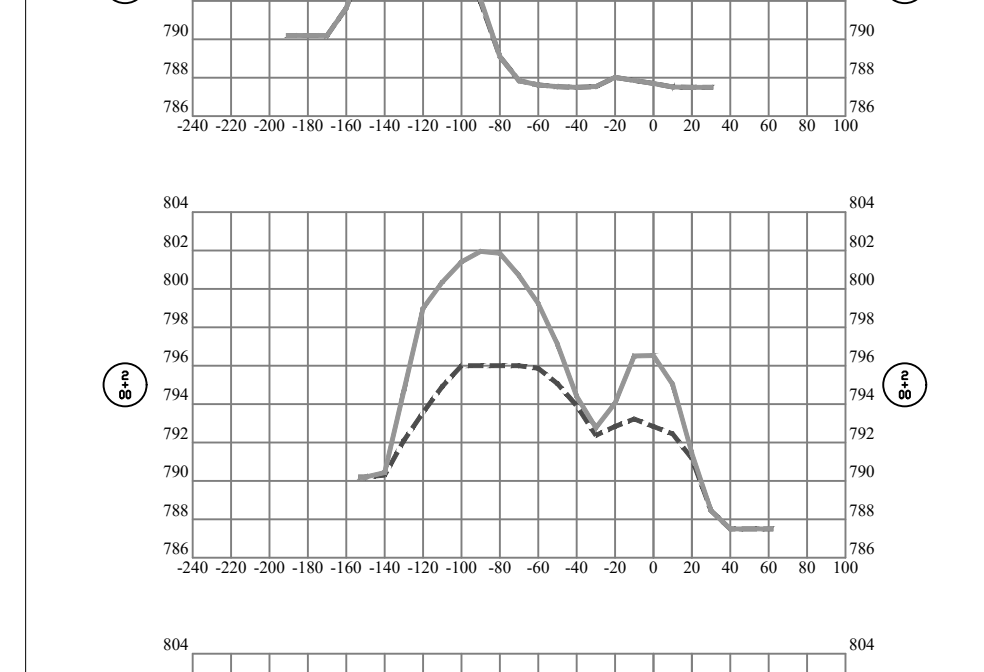
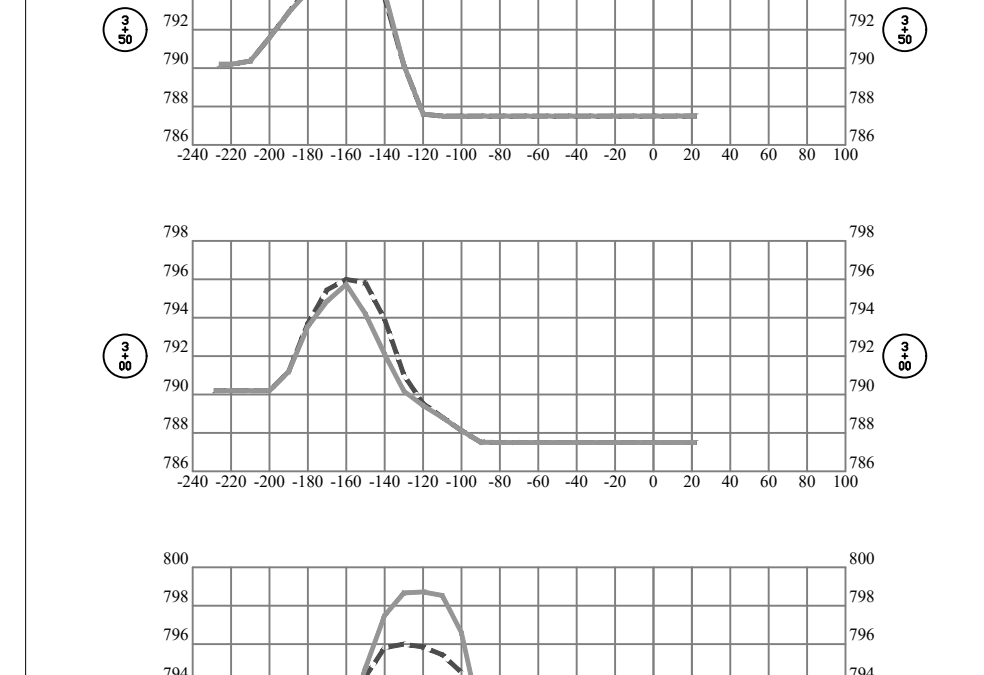
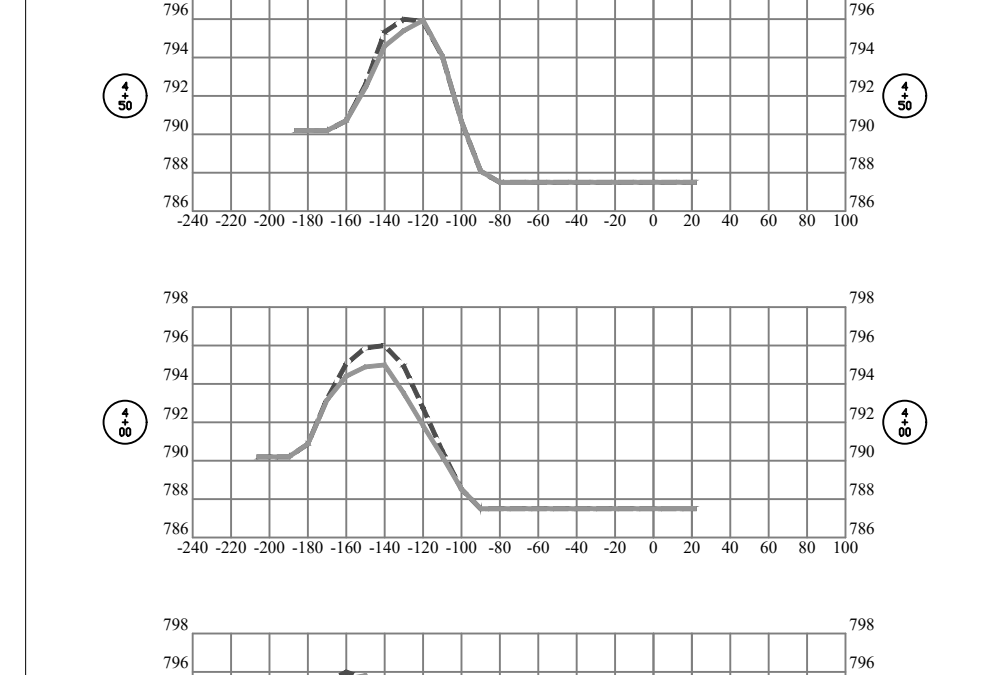
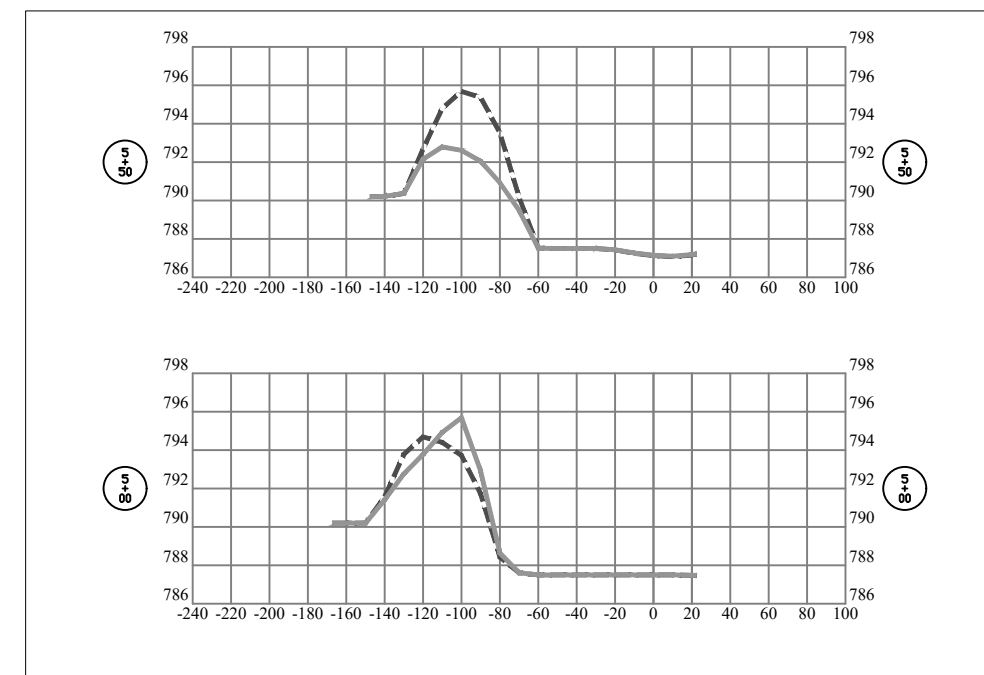




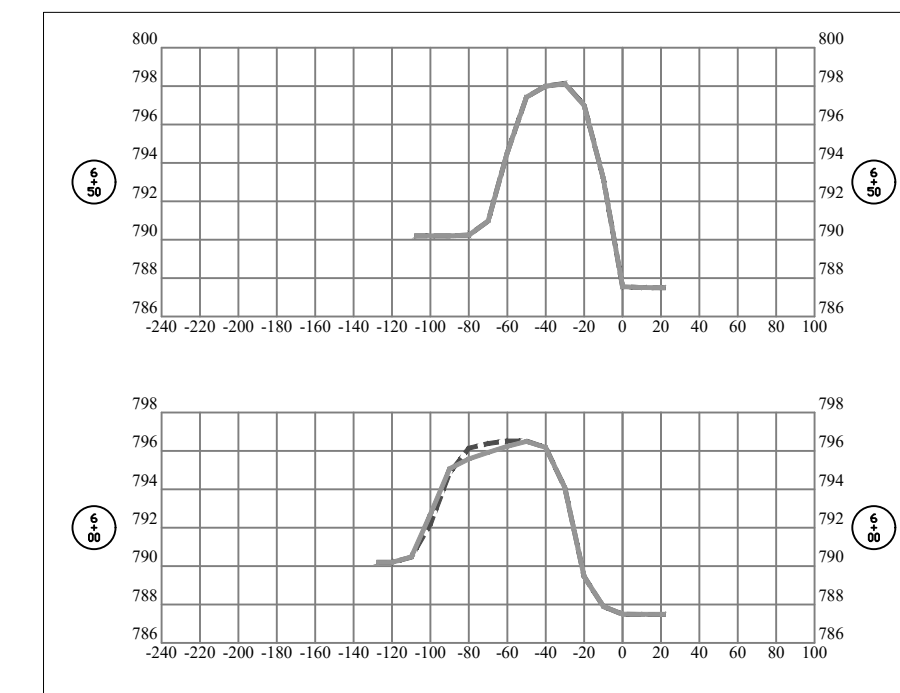
Baseline - 4



Baseline - 4



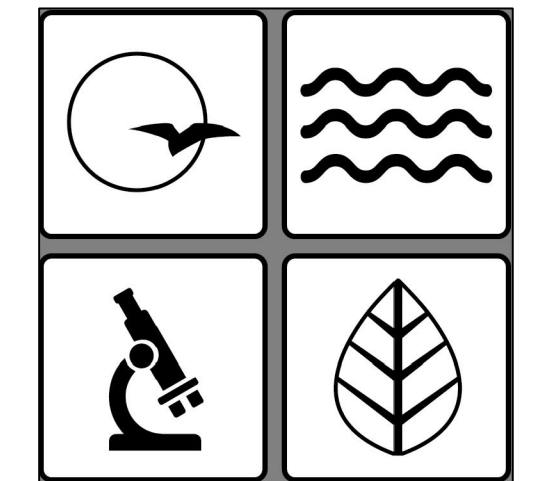
Baseline - 5



Baseline - 5



STATE OF MISSOURI  
MICHAEL L. PARSON,  
GOVERNOR



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DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

MO. DEPARTMENT OF  
NATURAL RESOURCES  
LAND RECLAMATION  
PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: BEW  
CHECKED BY: LRP  
DESIGNED BY: BEW

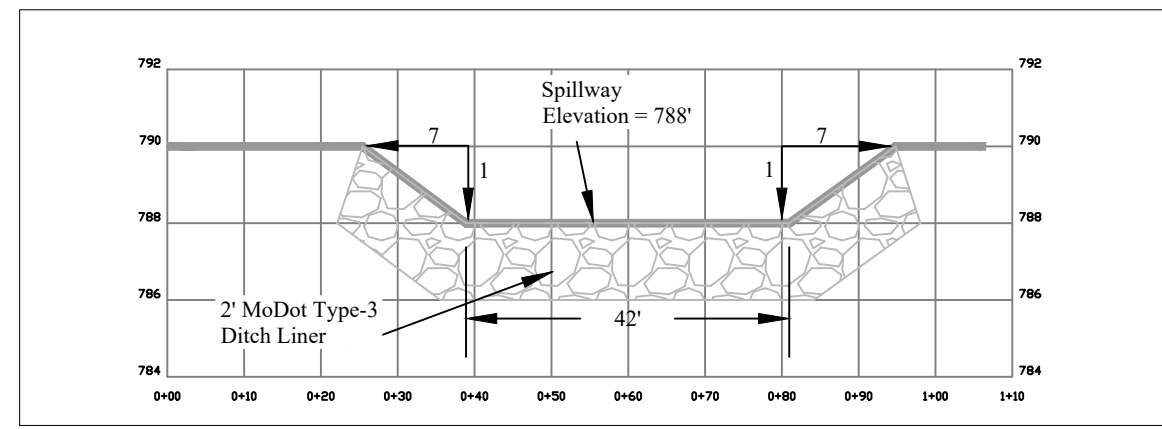
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CROSS SECTIONS  
BASELINE-4 Sta 3+50 to Sta 8+50  
BASELINE-5 Sta 0+00 to Sta 6+50

SHEET NUMBER:

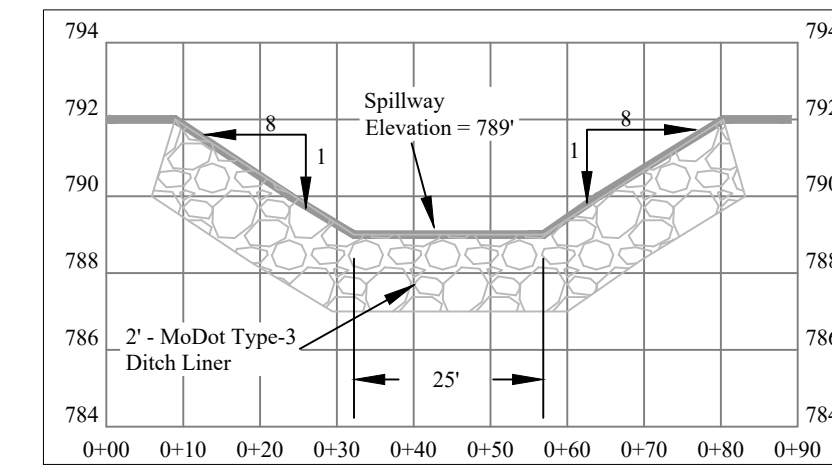
**C-106**

9 OF 11 SHEETS  
05/23/2023

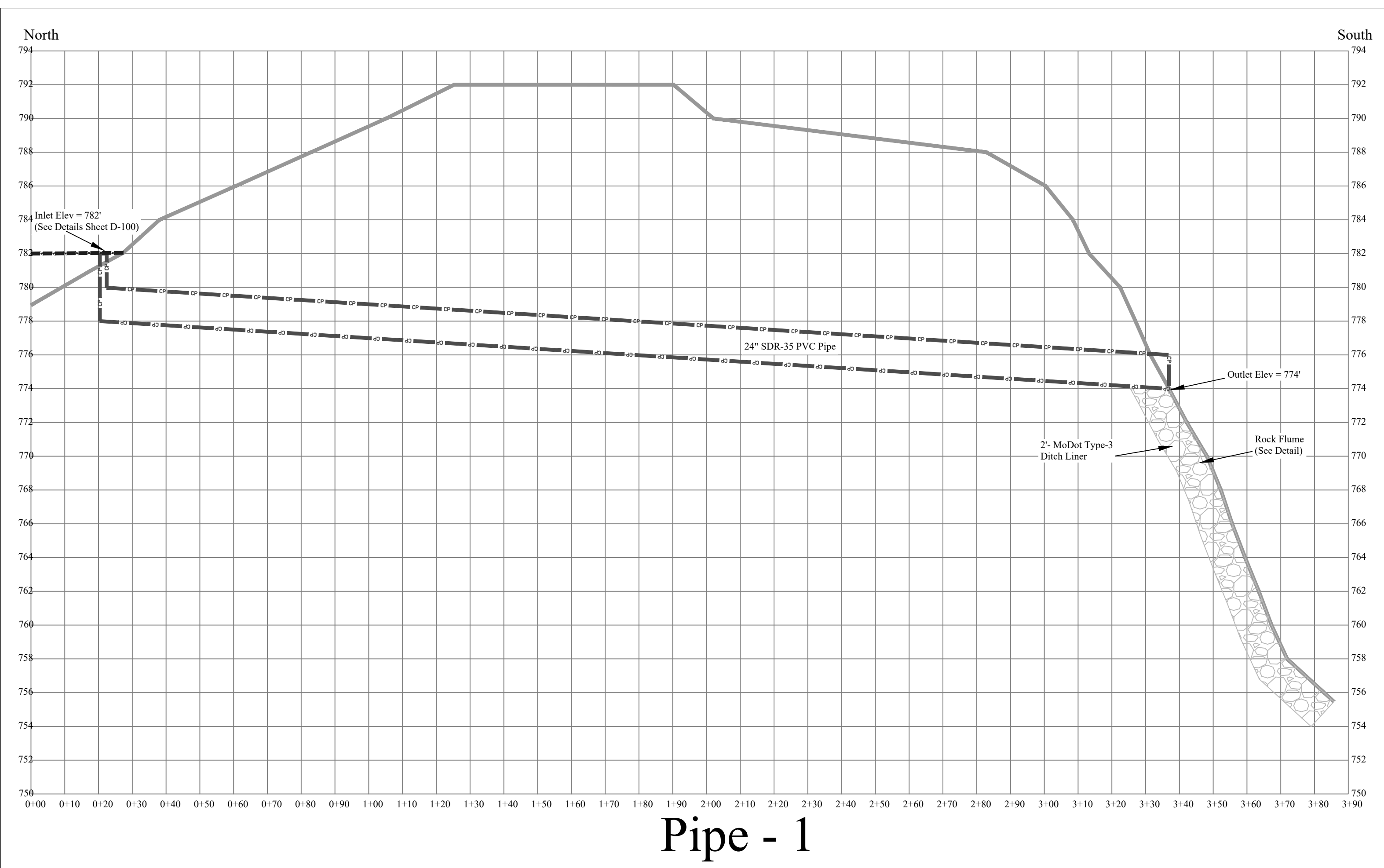
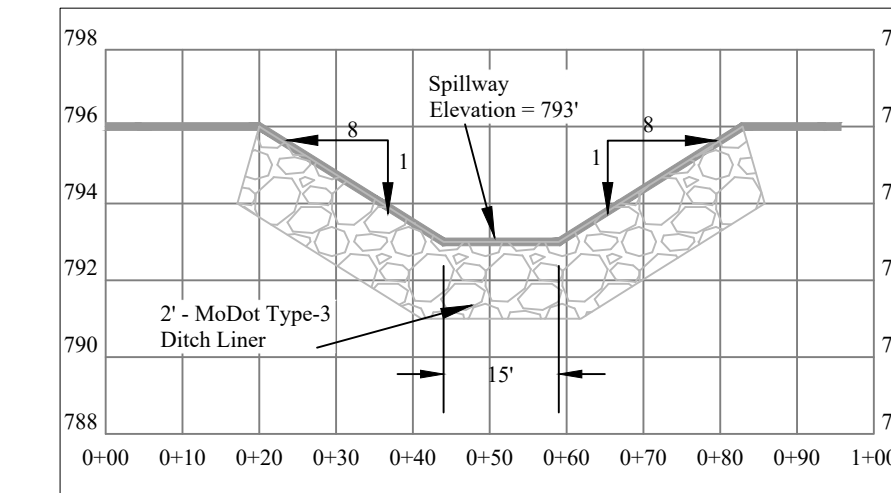
Spillway S-1



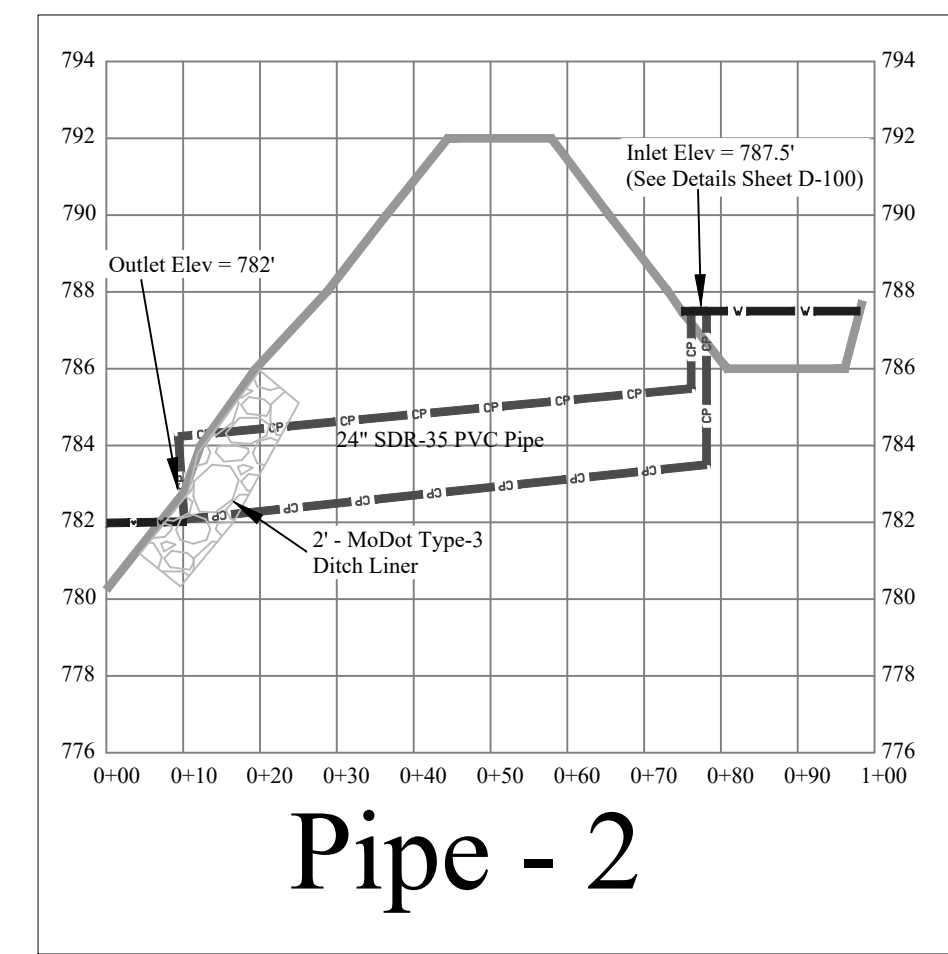
Spillway S-2



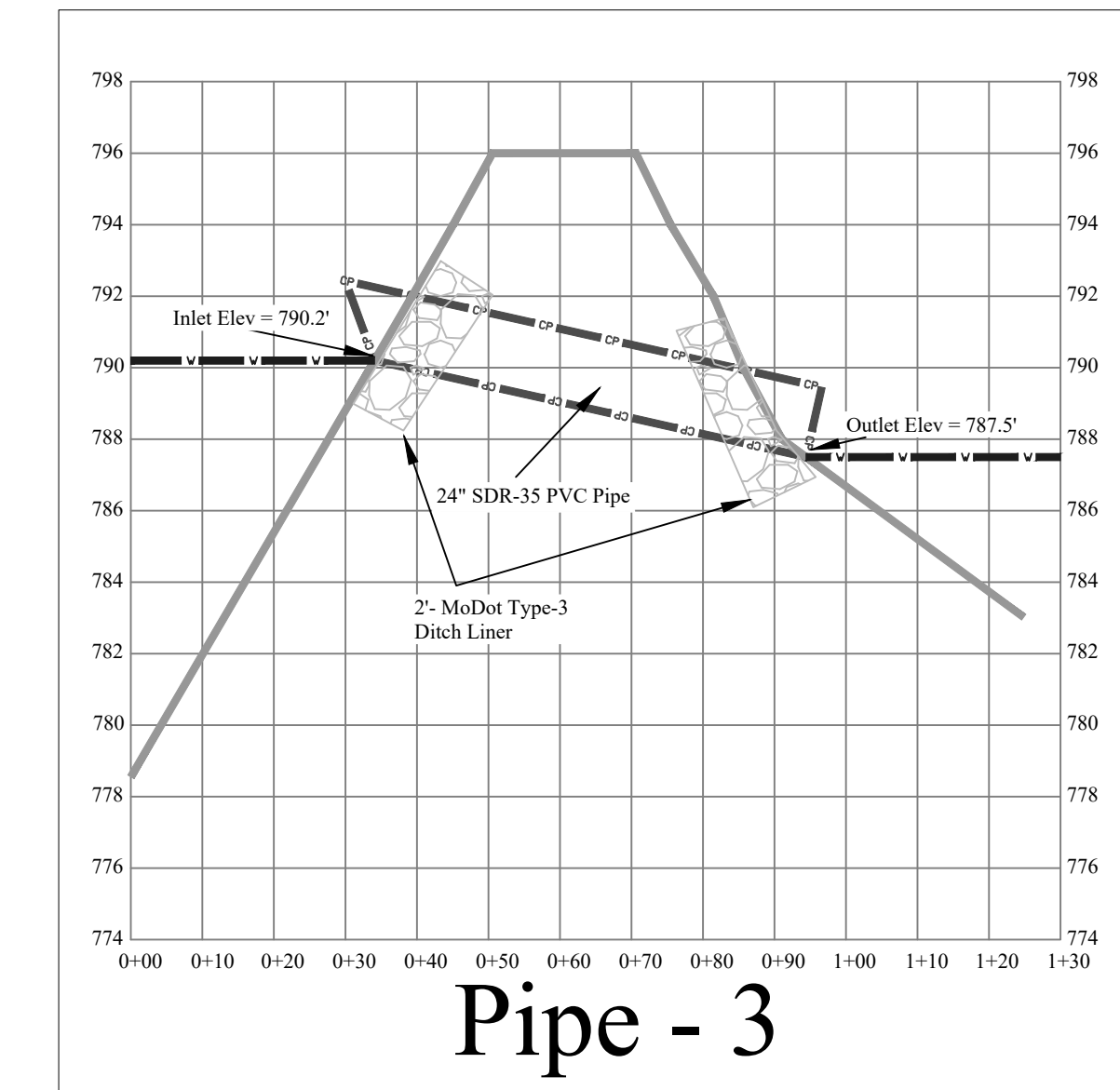
Spillway S-3



Pipe - 1

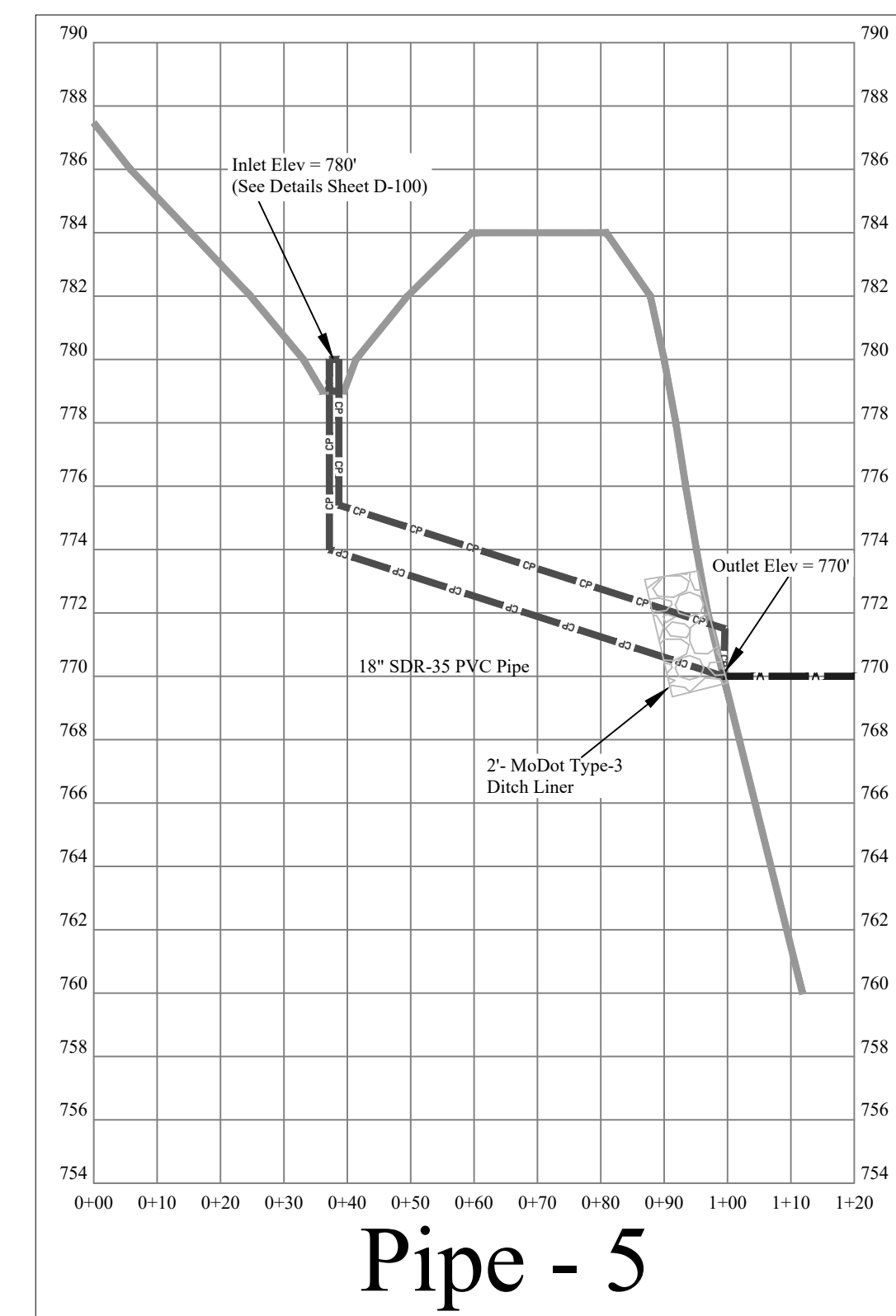
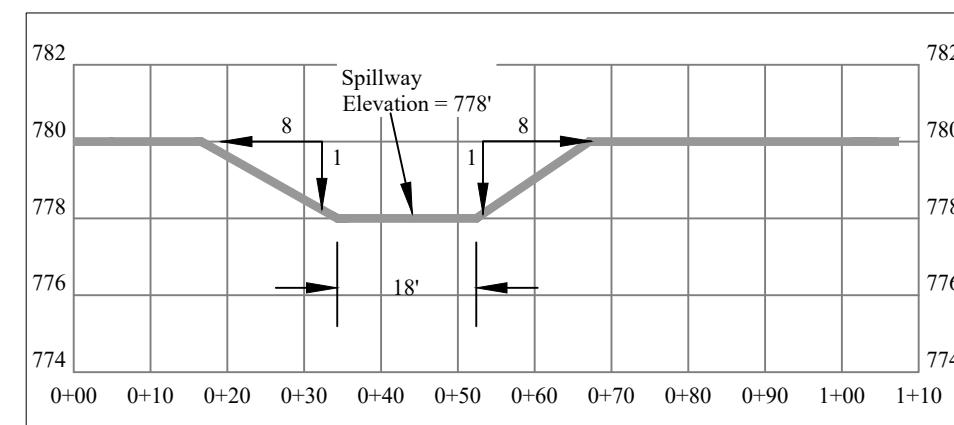


Pipe - 2



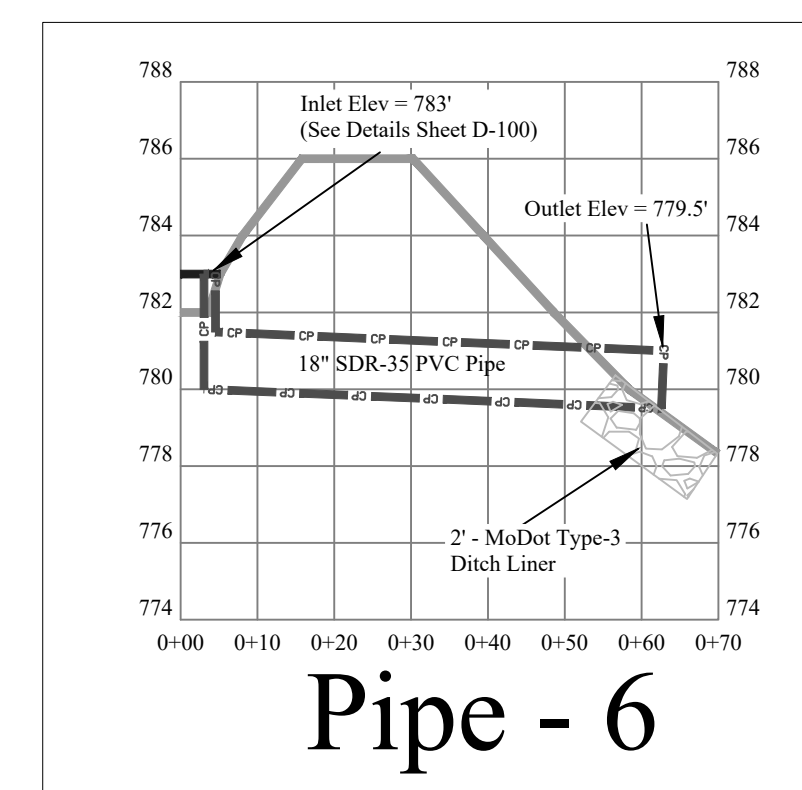
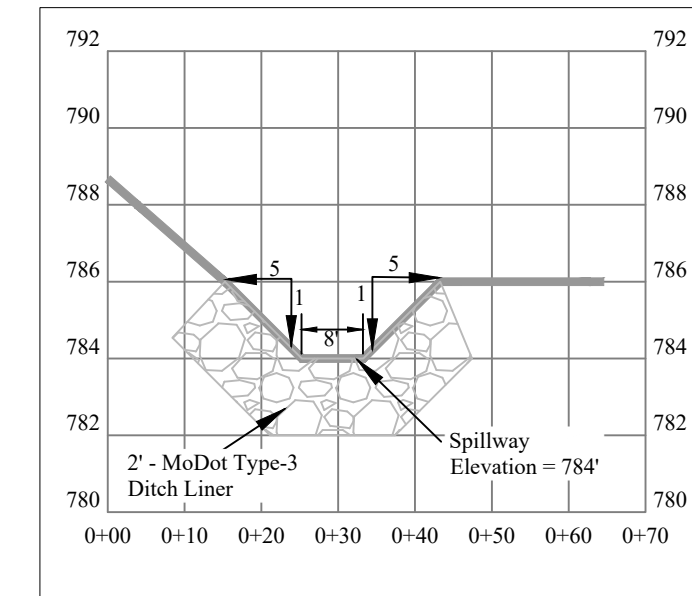
Pipe - 3

Spillway S-4

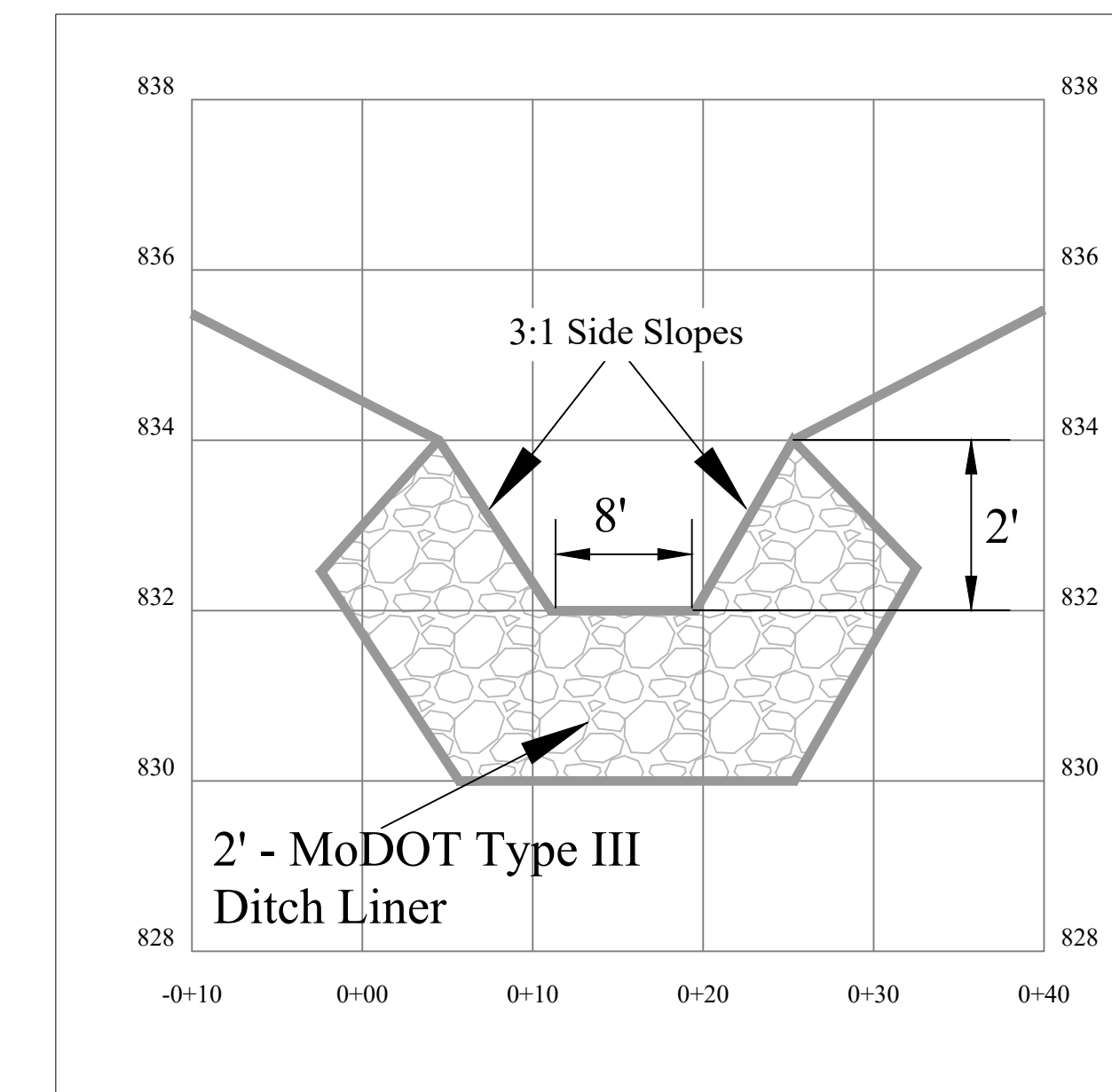


Pipe - 5

Spillway S-6

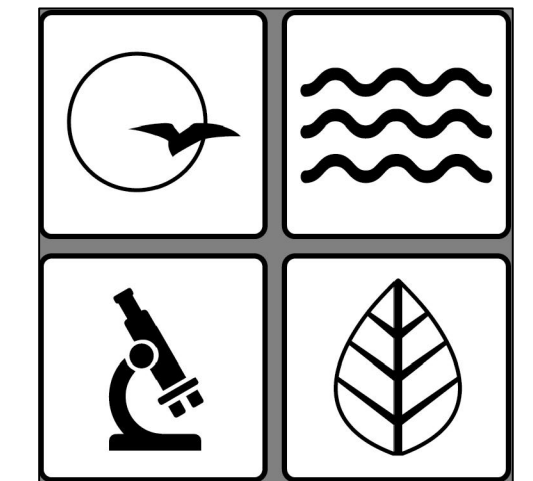


Pipe - 6



Rock Flume - Typical  
(Not to Scale)

STATE OF MISSOURI  
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PROGRAM

Fields Creek Reclamation Project

FACILITY: NOT APPLICABLE

Henry County, Missouri

PROJECT # Y2301-01  
SITE # N/A  
FACILITY # N/A

REVISION: \_\_\_\_\_  
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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

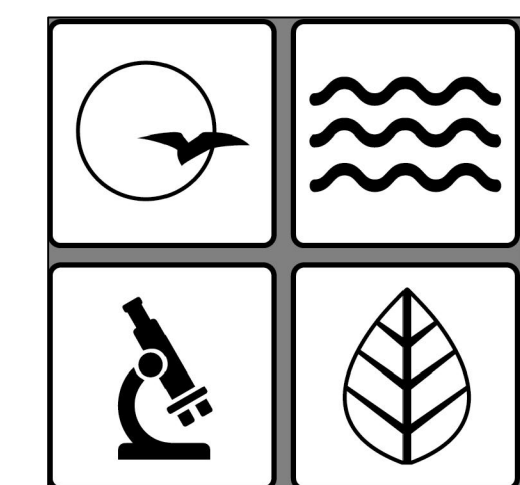
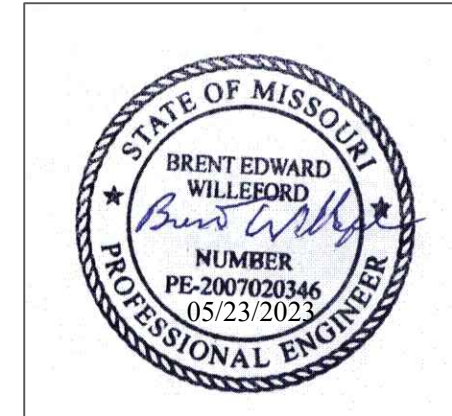
CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: BEW  
CHECKED BY: LRP  
DESIGNED BY: BEW

SHEET TITLE:  
Pipe Profiles  
Spillway Cross Sections

SHEET NUMBER:

C-107

10 OF 11 SHEETS  
05/23/2023



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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 05/23/2023

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: BEW  
CHECKED BY: LRP  
DESIGNED BY: BEW

SHEET TITLE:  
Details

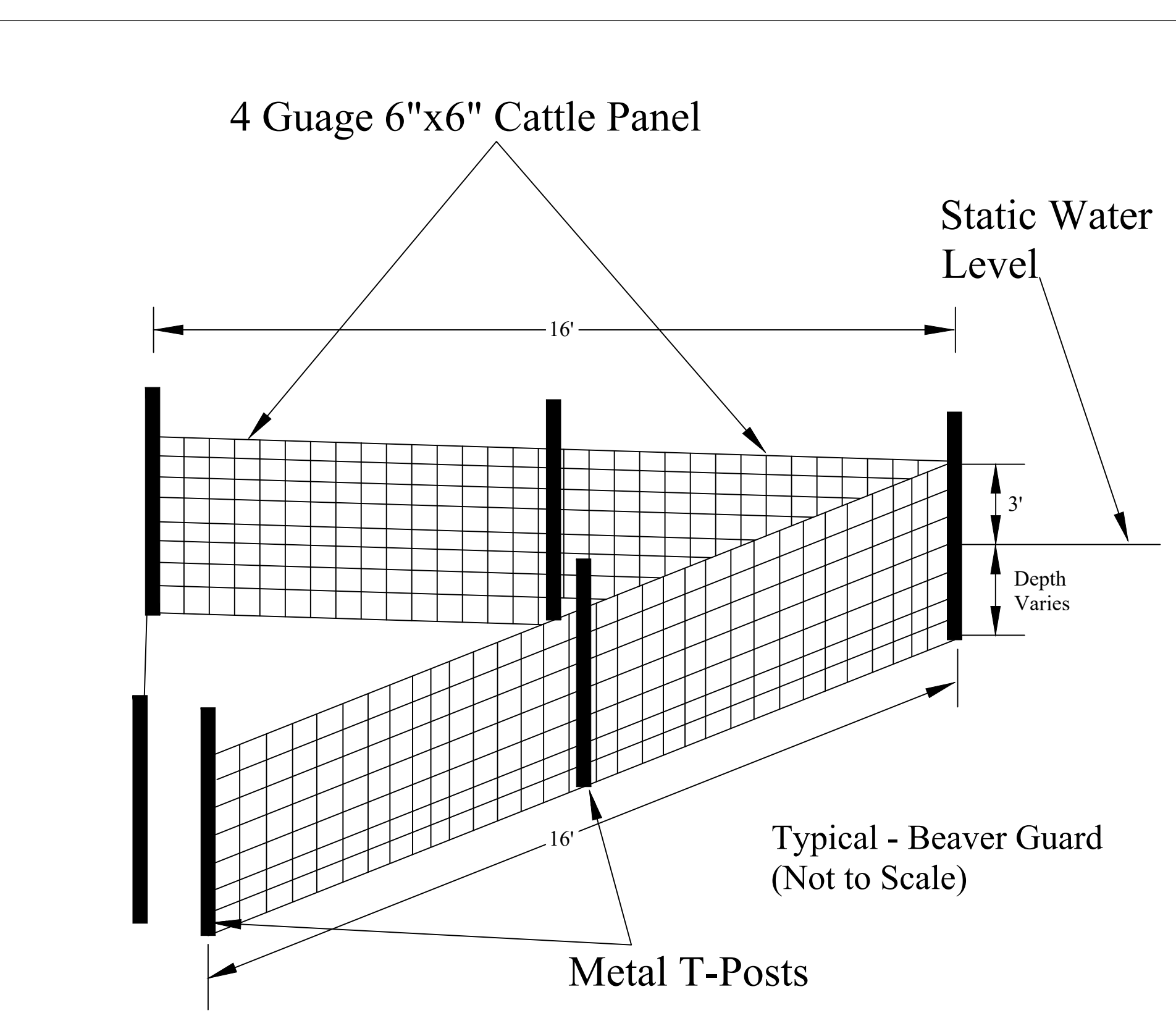
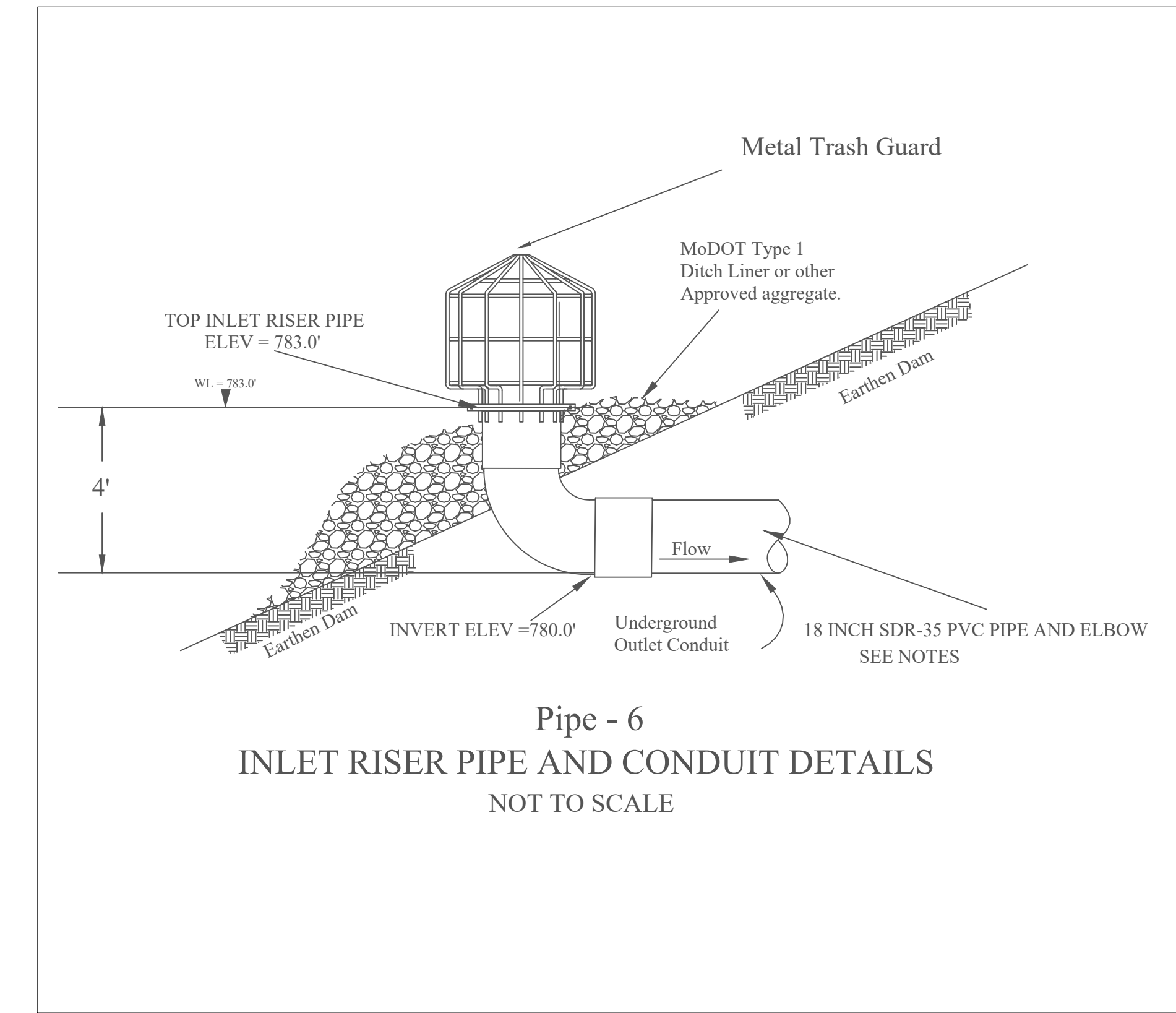
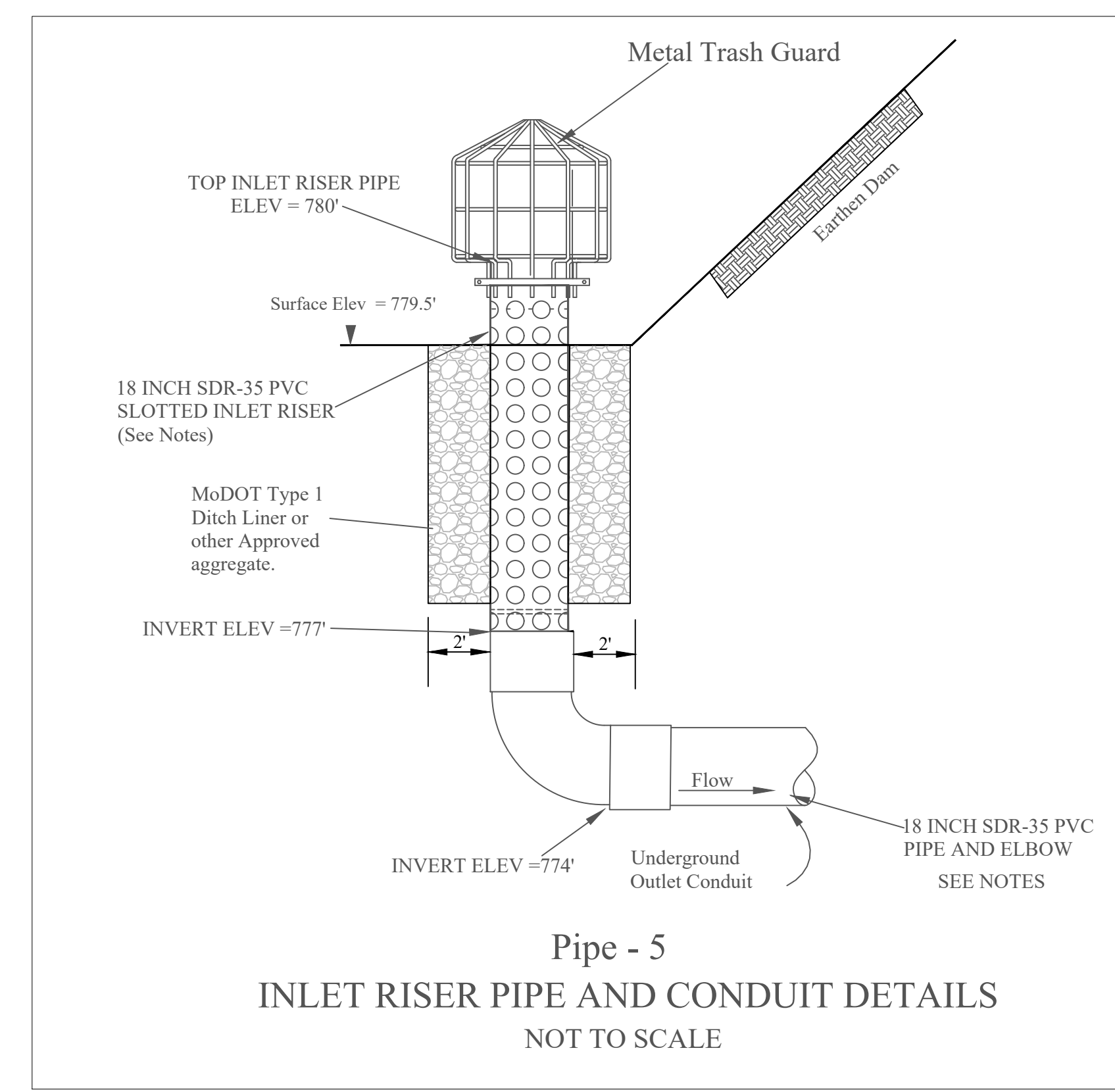
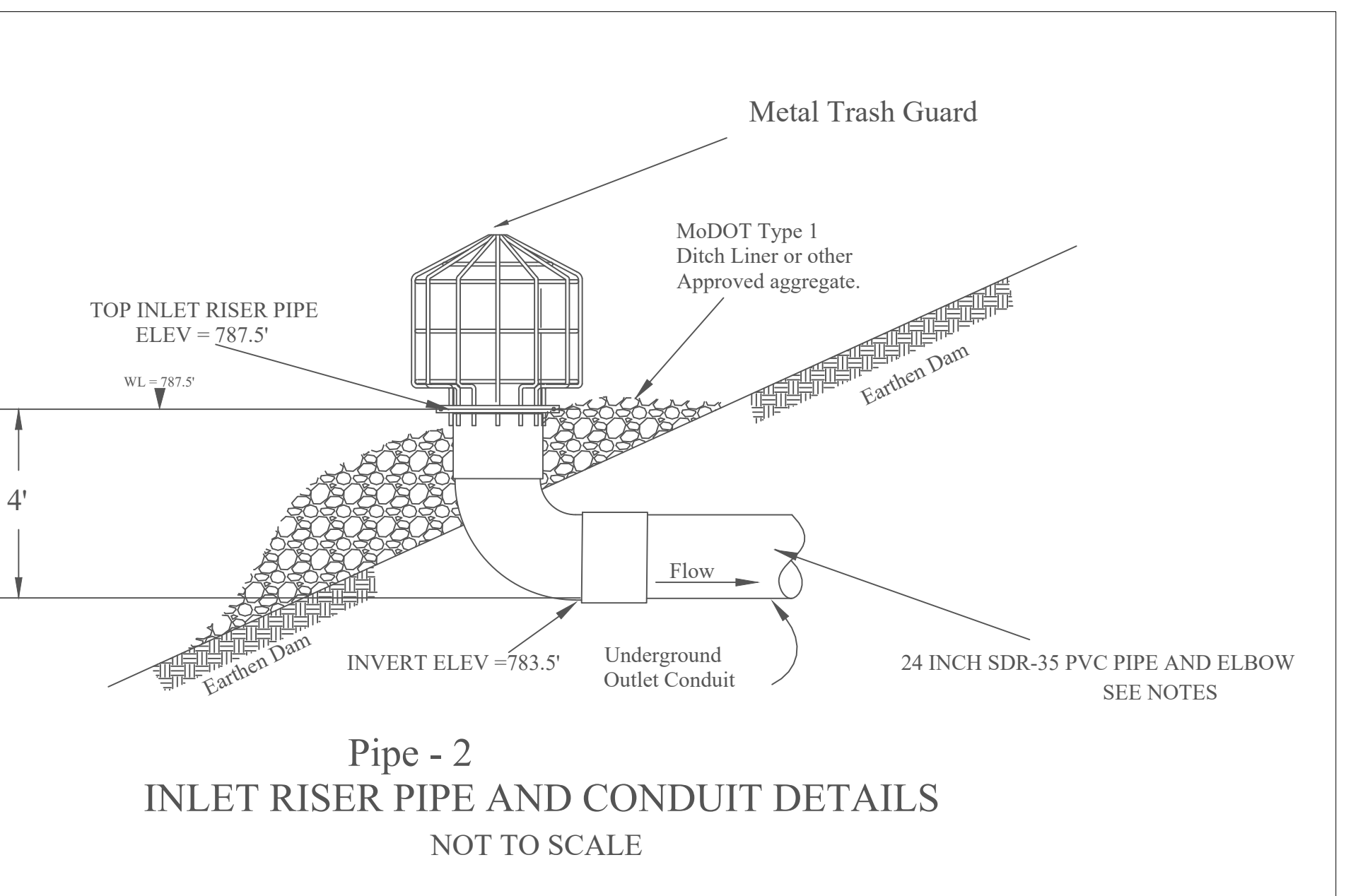
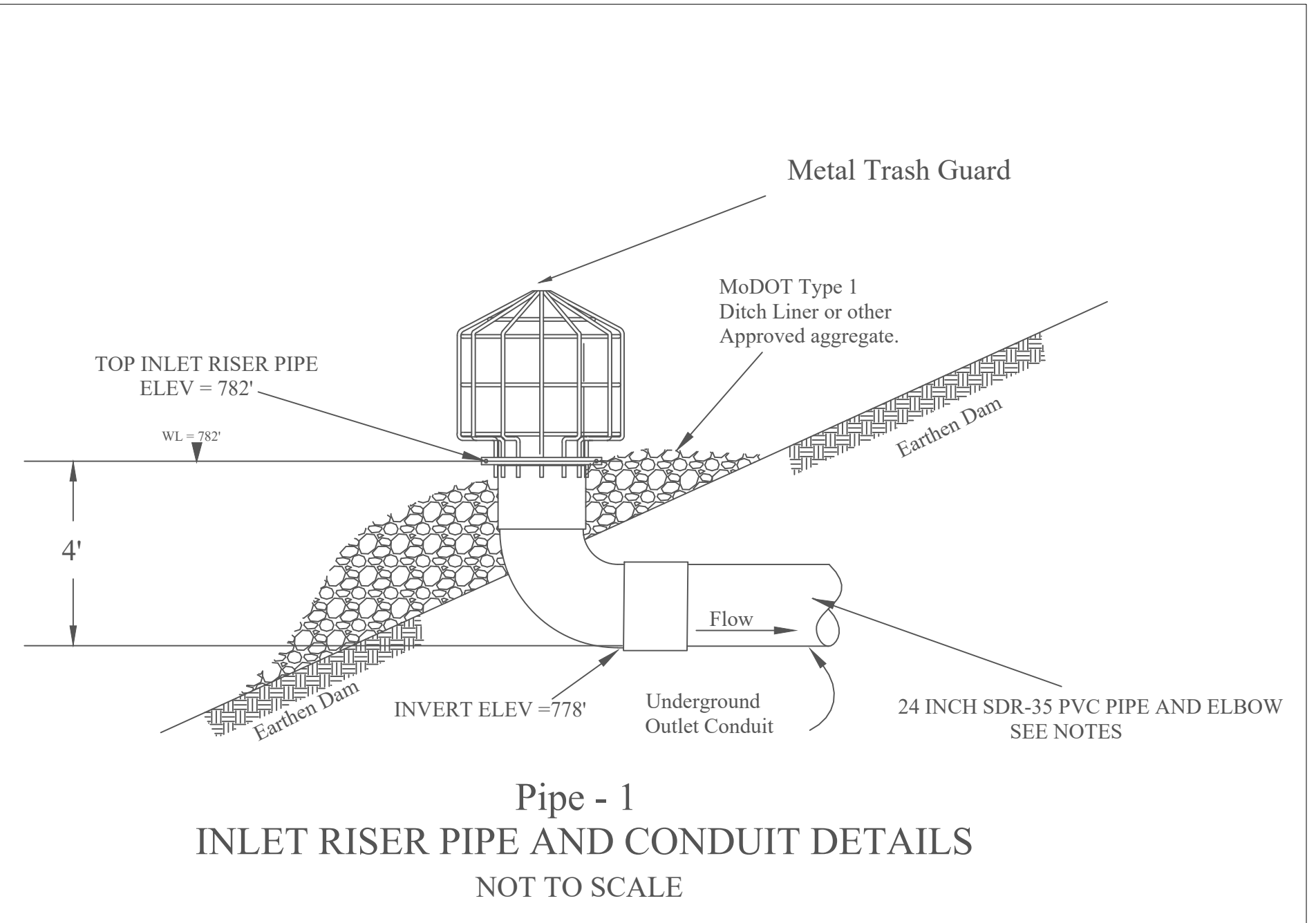
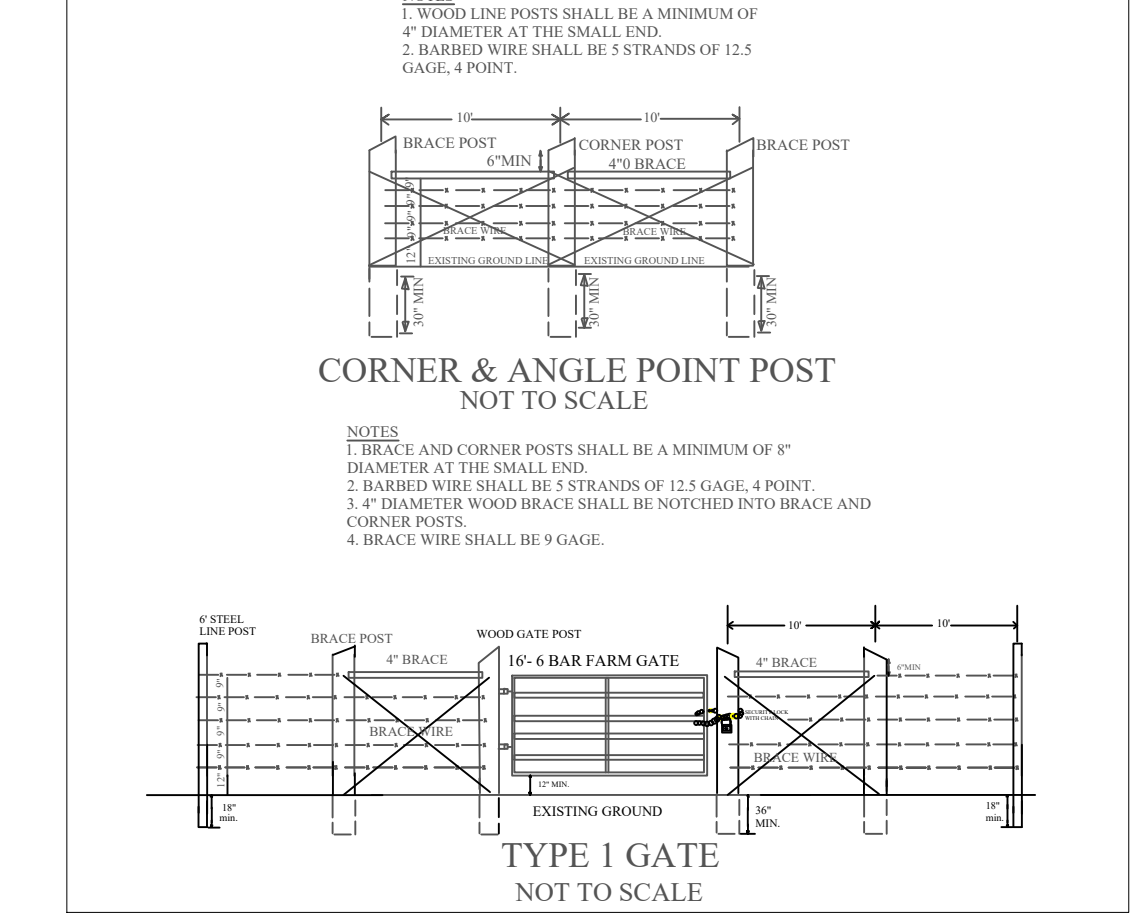
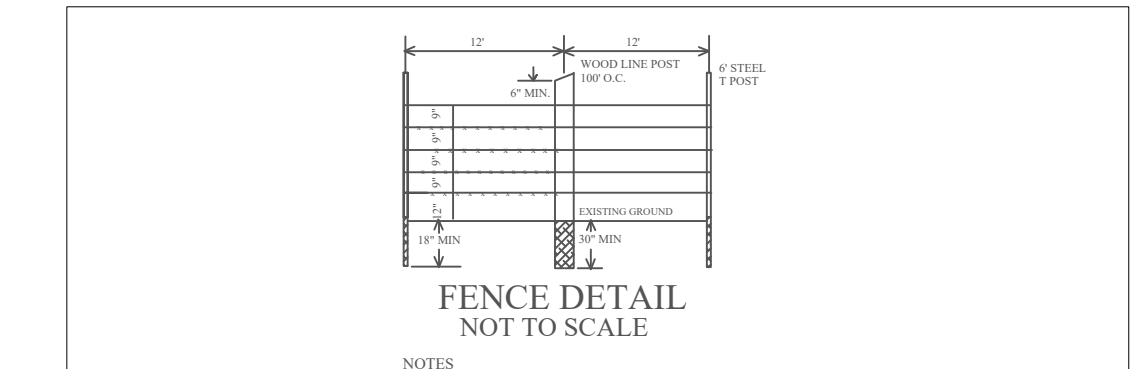
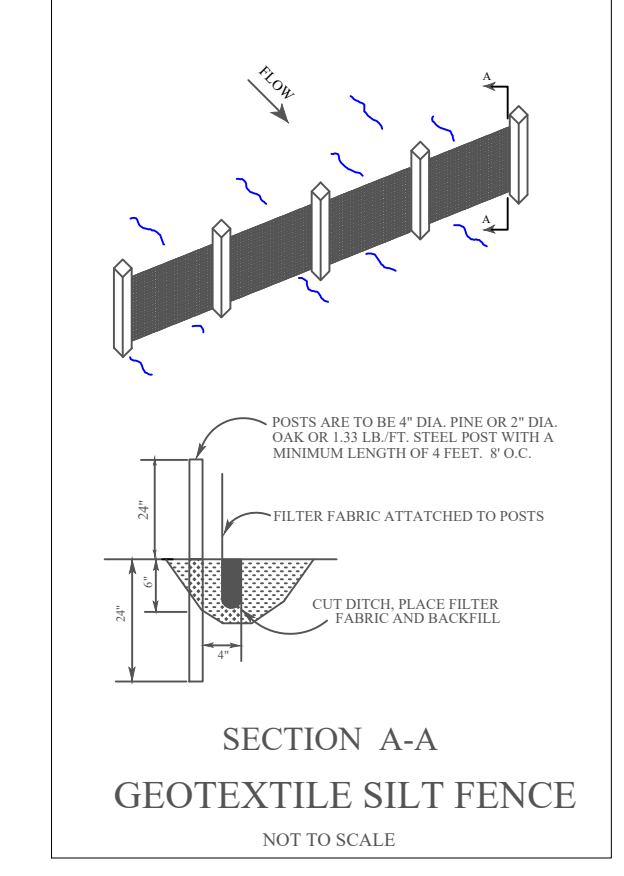
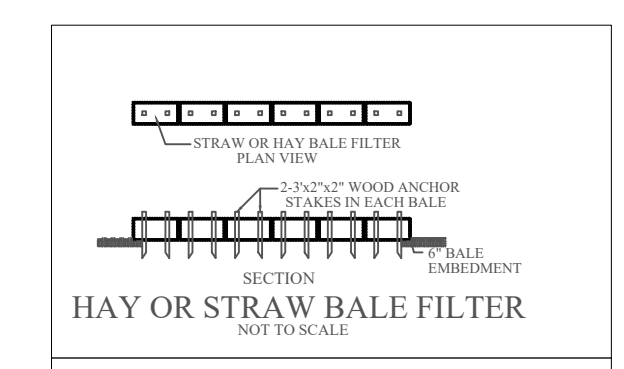
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**D-100**

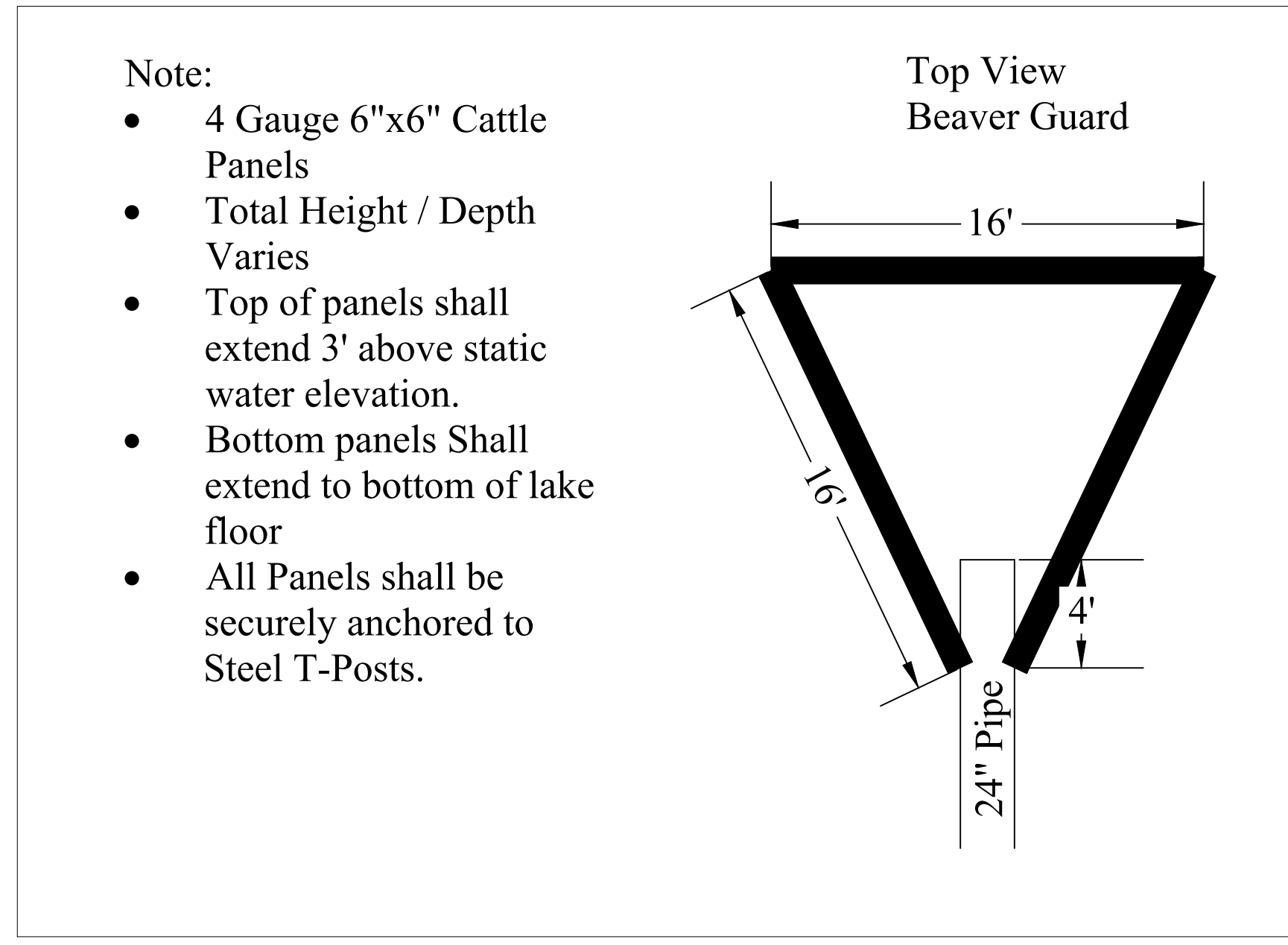
11 OF 11 SHEETS  
05/23/2023

**NOTES Pipes**

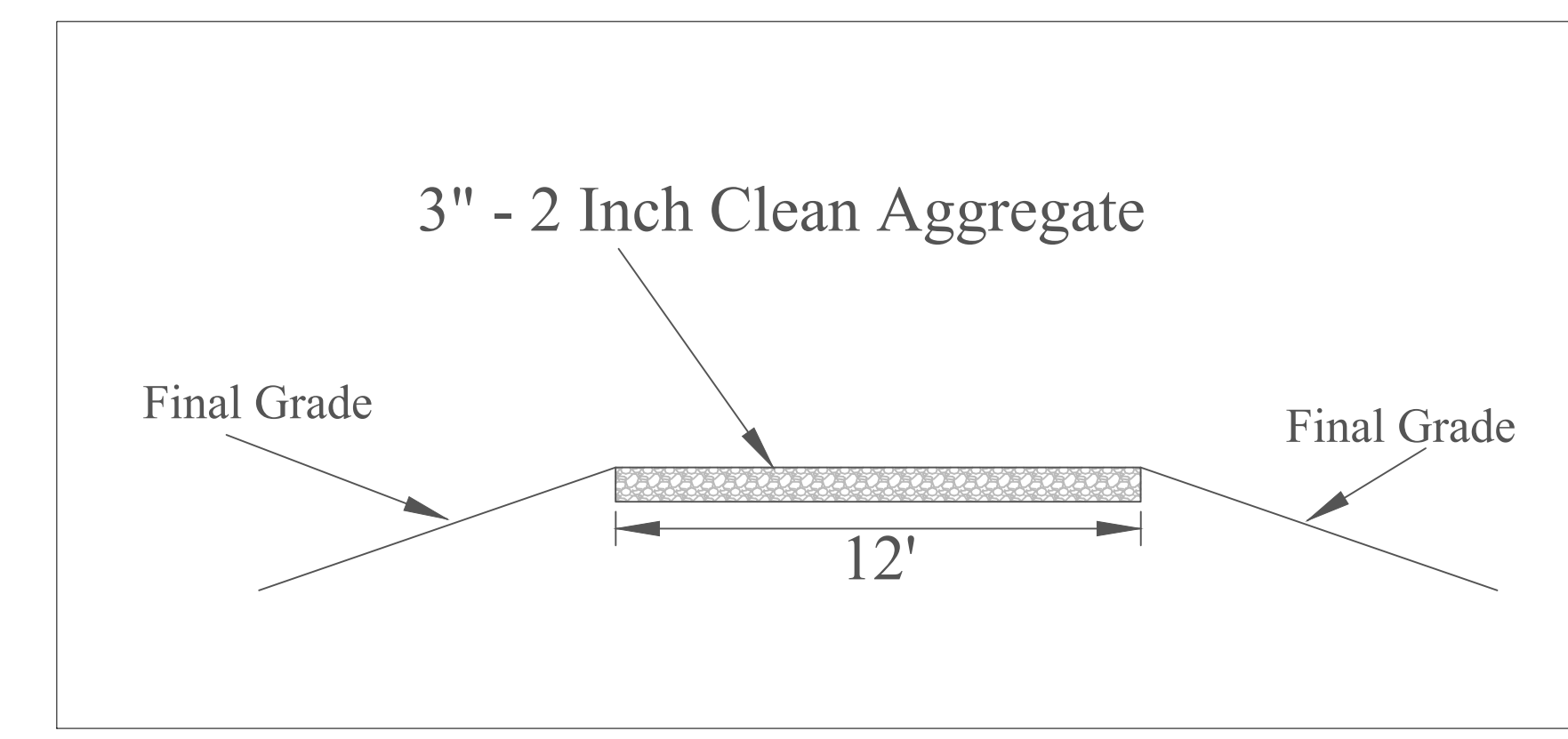
1. All pipe materials, joints, elbows, tees, etc.. shall be SDR 35 PVC as indicated on the plans.
2. All joints, and pipe connections shall be installed as per manufacturers recommendations.
3. Top of riser pipes shall be fitted with metal trash guards approved by the Owners Representative and as shown on plans . (See Details )



**Beaver Gaurd**



- Note:
- 4 Gauge 6"x6" Cattle Panels
  - Total Height / Depth Varies
  - Top of panels shall extend 3' above static water elevation.
  - Bottom panels Shall extend to bottom of lake floor
  - All Panels shall be securely anchored to Steel T-Posts.



Access Road Detail  
(Not to Scale)