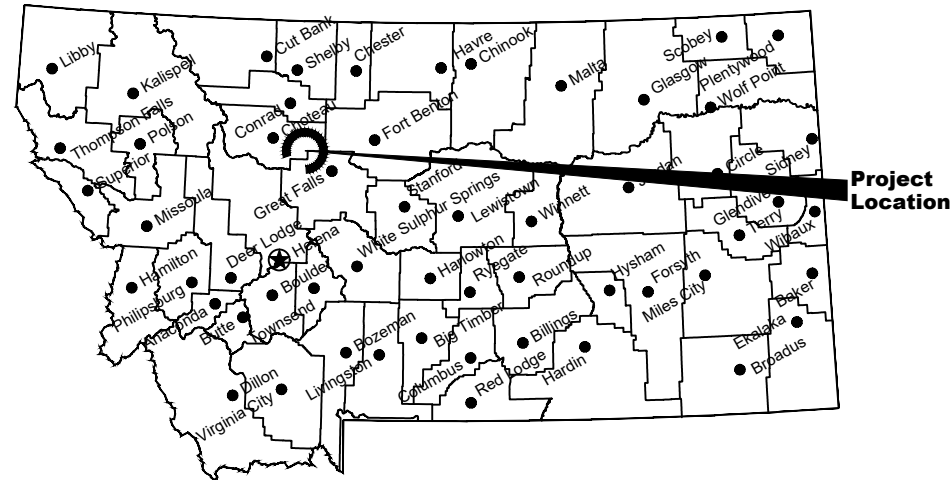


Montana Fish, Wildlife & Parks

# Freezout Lake WMA Water Control Structure Replacements

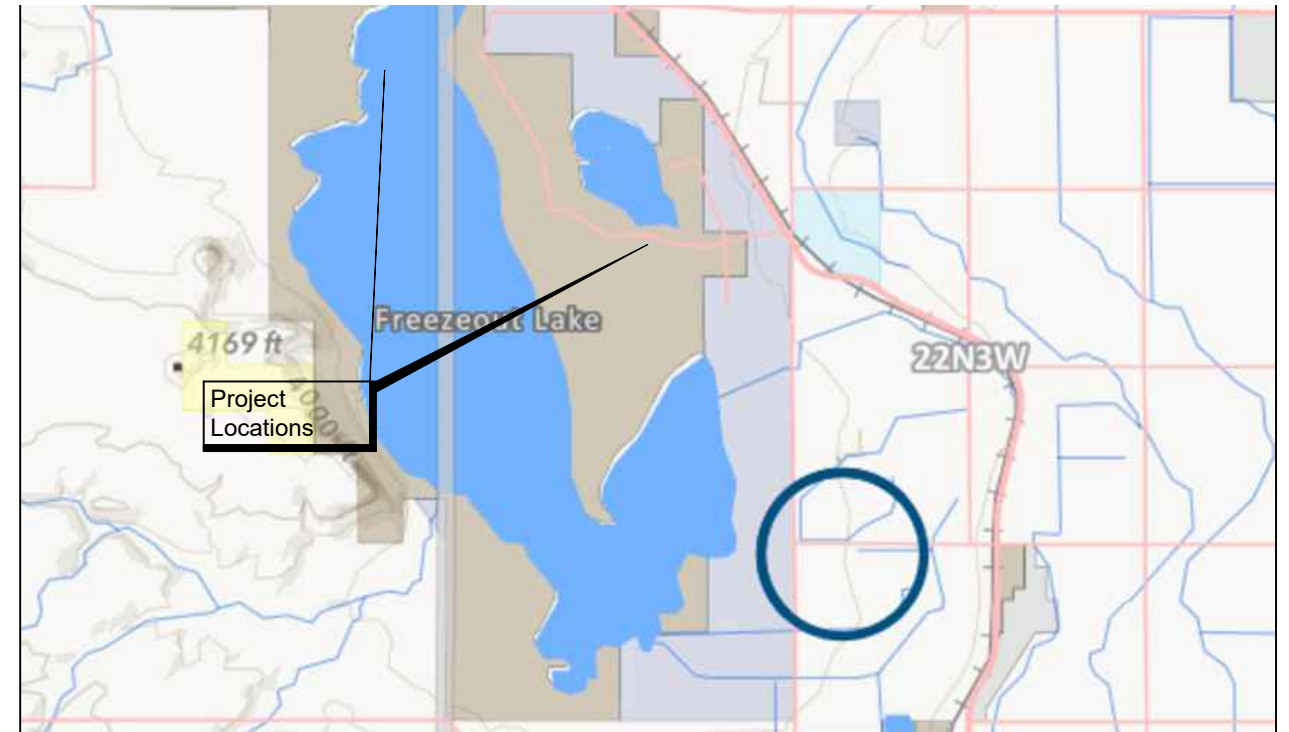
Teton County, Montana

FWP Project No. - 7215405



**Location Map**

No Scale



**Vicinity Map**

No Scale



## MONTANA FISH, WILDLIFE AND PARKS DESIGN AND CONSTRUCTION

**MAILING ADDRESS:**

PO BOX 200701  
HELENA, MT 59620-0701

**PHYSICAL ADDRESS:**

1522 9th AVENUE  
HELENA, MT 59601

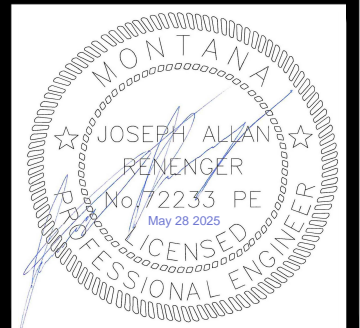
TEL 406.841.4000

FAX 406.841.4004

<https://fwp.mt.gov/aboutfwp/design-and-construction>

## DRAWING INDEX

Sheet	Description
1	Cover
2	Site Plan
3	Site #1 Structure Plan
4	Site #2 Structure Plan
5	Site #3 Structure Plan
6	Site #4 Structure Plan
7	Project Details



K. Harrington 1/17/25  
DRAWN BY: DATE:

CHECKED BY: DATE:

Joey Renenger PE  
APPROVED BY: DATE:

APPROVED BY: DATE:

APPROVED BY: DATE:

APPROVED BY: DATE:

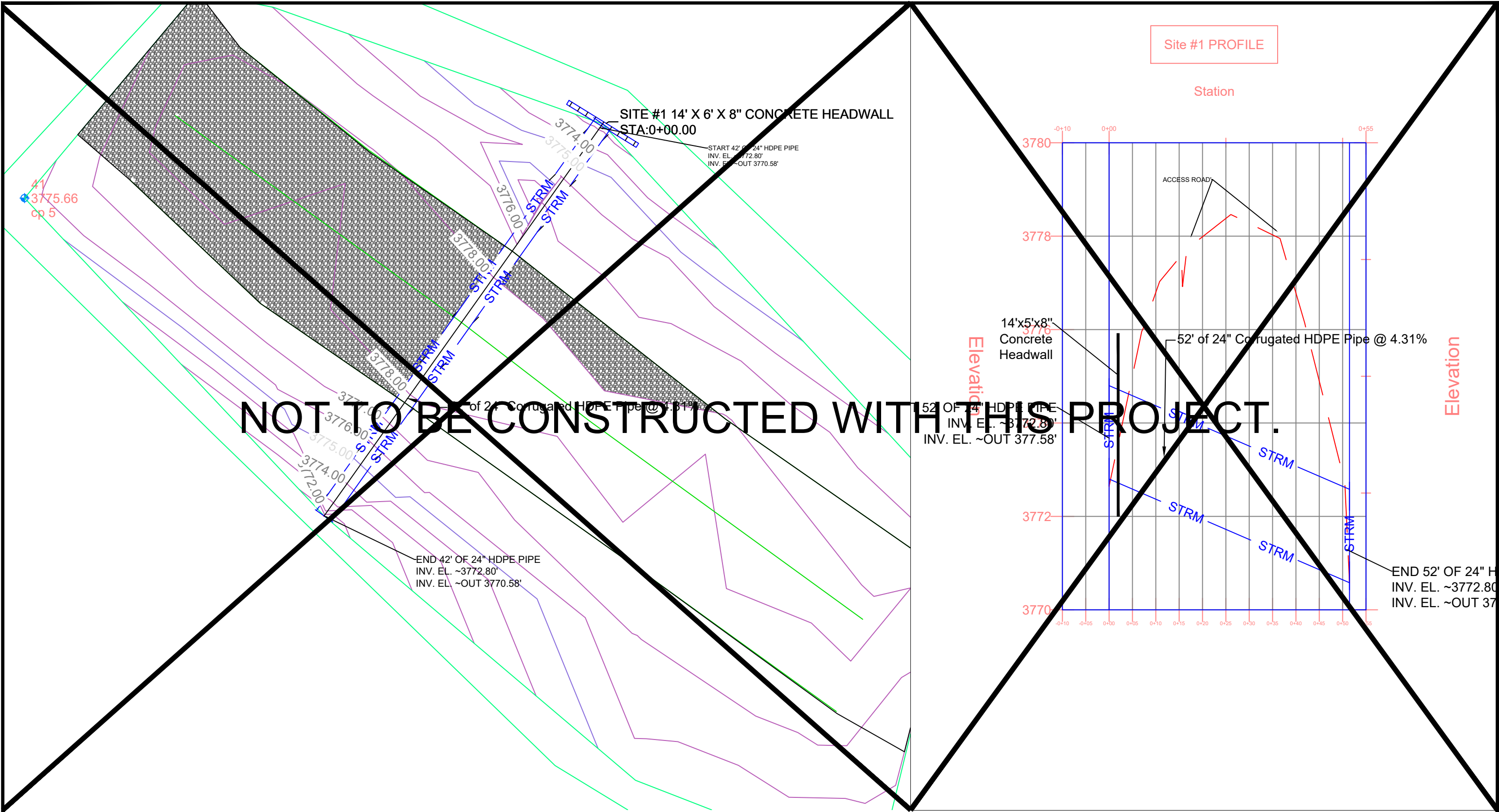


**MONTANA FISH,  
WILDLIFE & PARKS**

Water Control Structures  
Cover Sheet

SHEET: 1 of 7





**NOT TO BE CONSTRUCTED WITH THIS PROJECT.**



Water Control Structure Locations Site #1

PLAN VIEW Scale 1"= 10'

Kevin Harrington 8-21-24  
 DRAWN BY: DATE:  
 CHECKED BY: DATE:

Joey Renenger PE  
 APPROVED BY: DATE:  
 APPROVED BY: DATE:

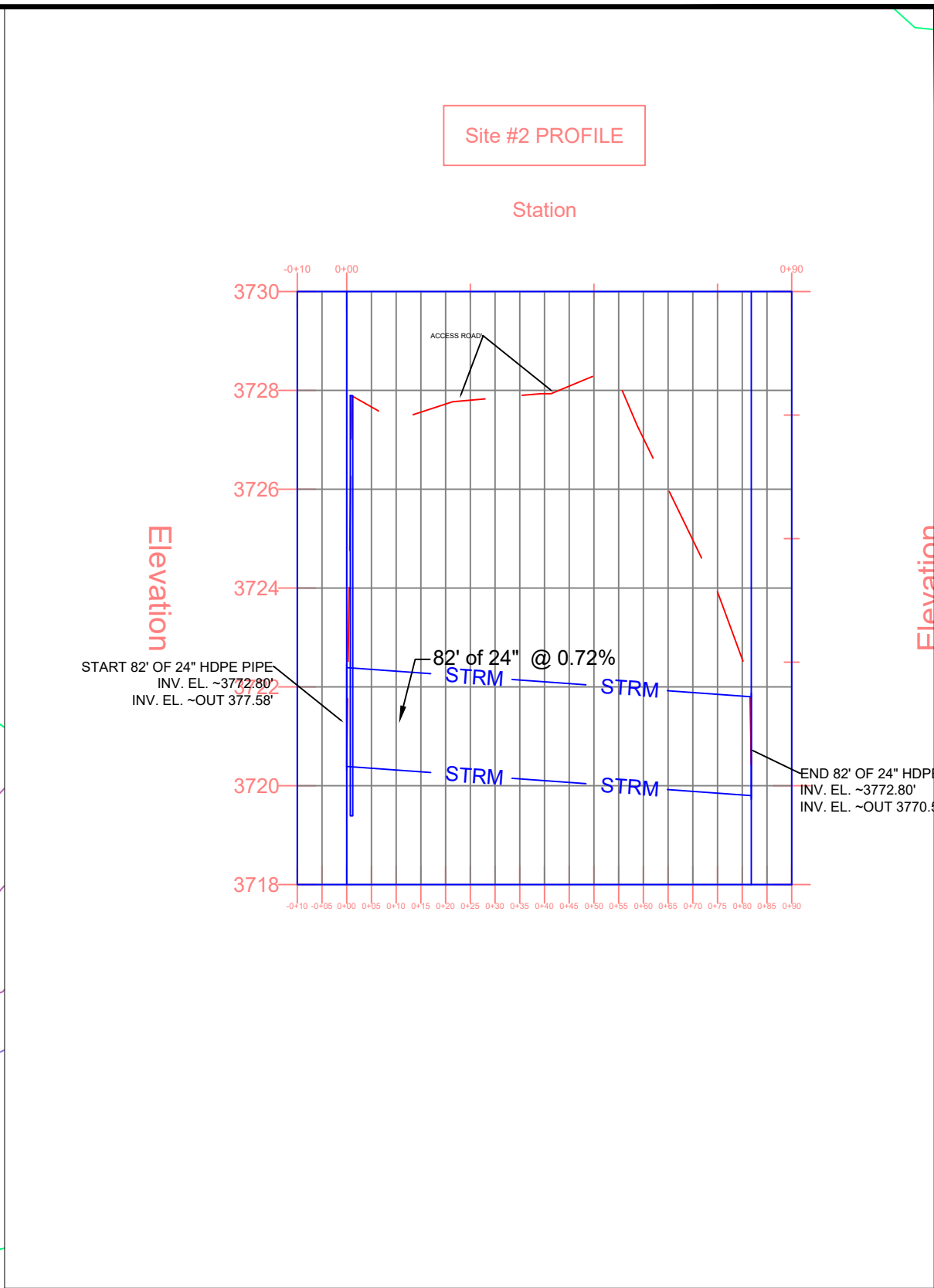
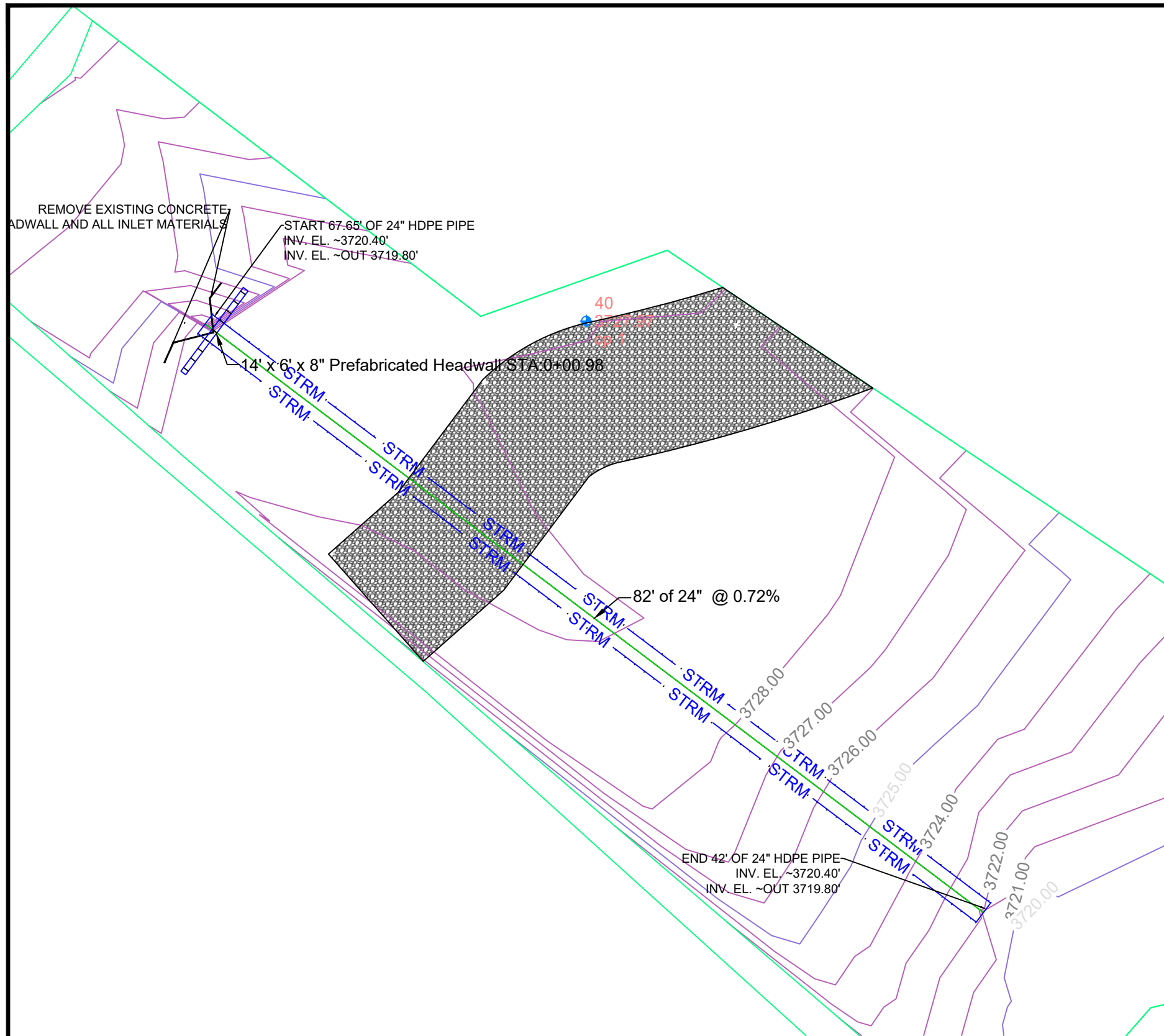
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 APPROVED BY: DATE:



**MONTANA FISH,  
 WILDLIFE & PARKS**

Freezeout Lake WMA Water Control Structures  
 SITE #1 WATER CONTROL STRUCTURE

SHEET: 3  
 of 7



**Water Control Structure Locations Site #2**

PLAN VIEW Scale 1"= 10'

Kevin Harrington 8-21-24  
 DRAWN BY: DATE:

Joey Reneger PE  
 APPROVED BY: DATE:

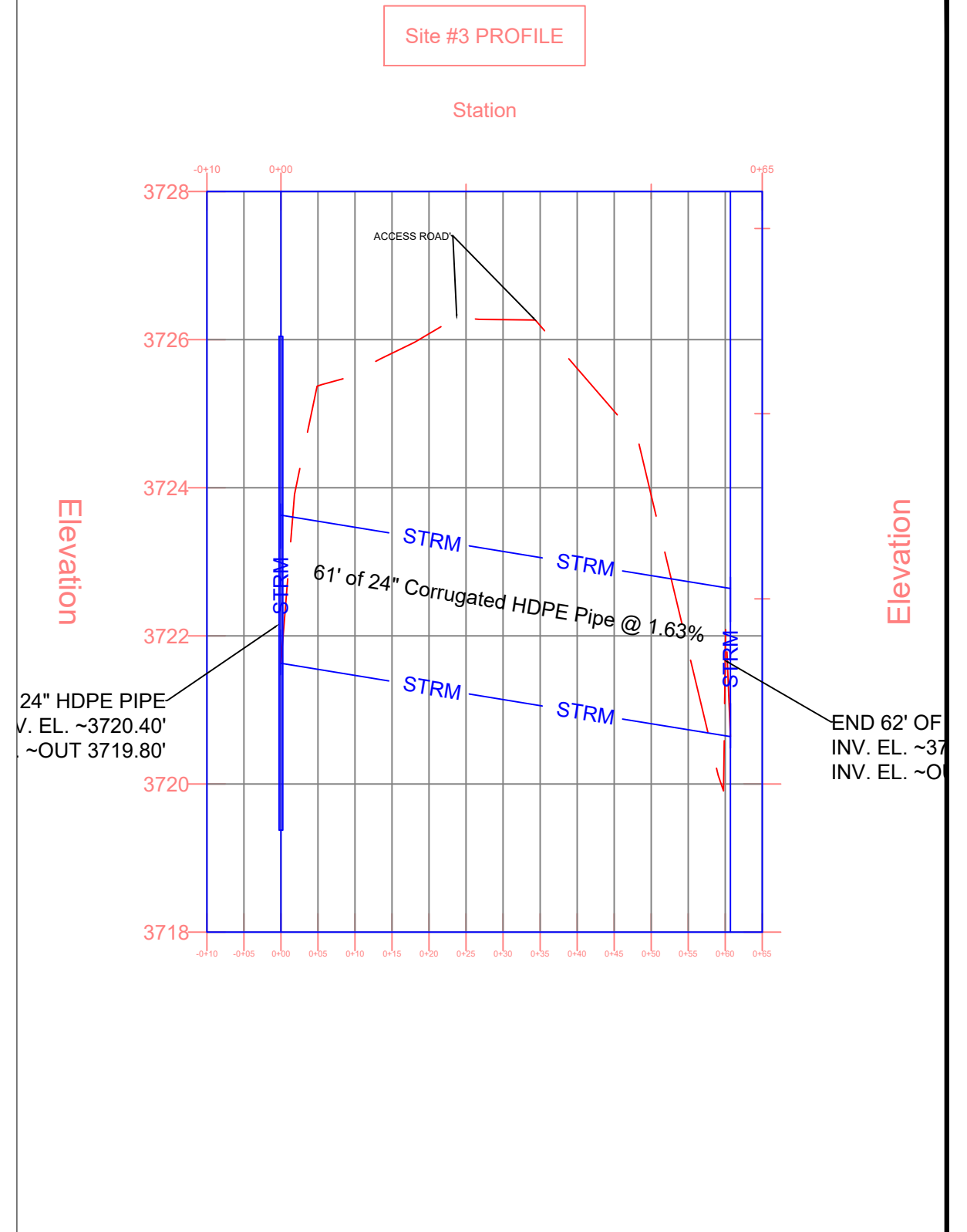
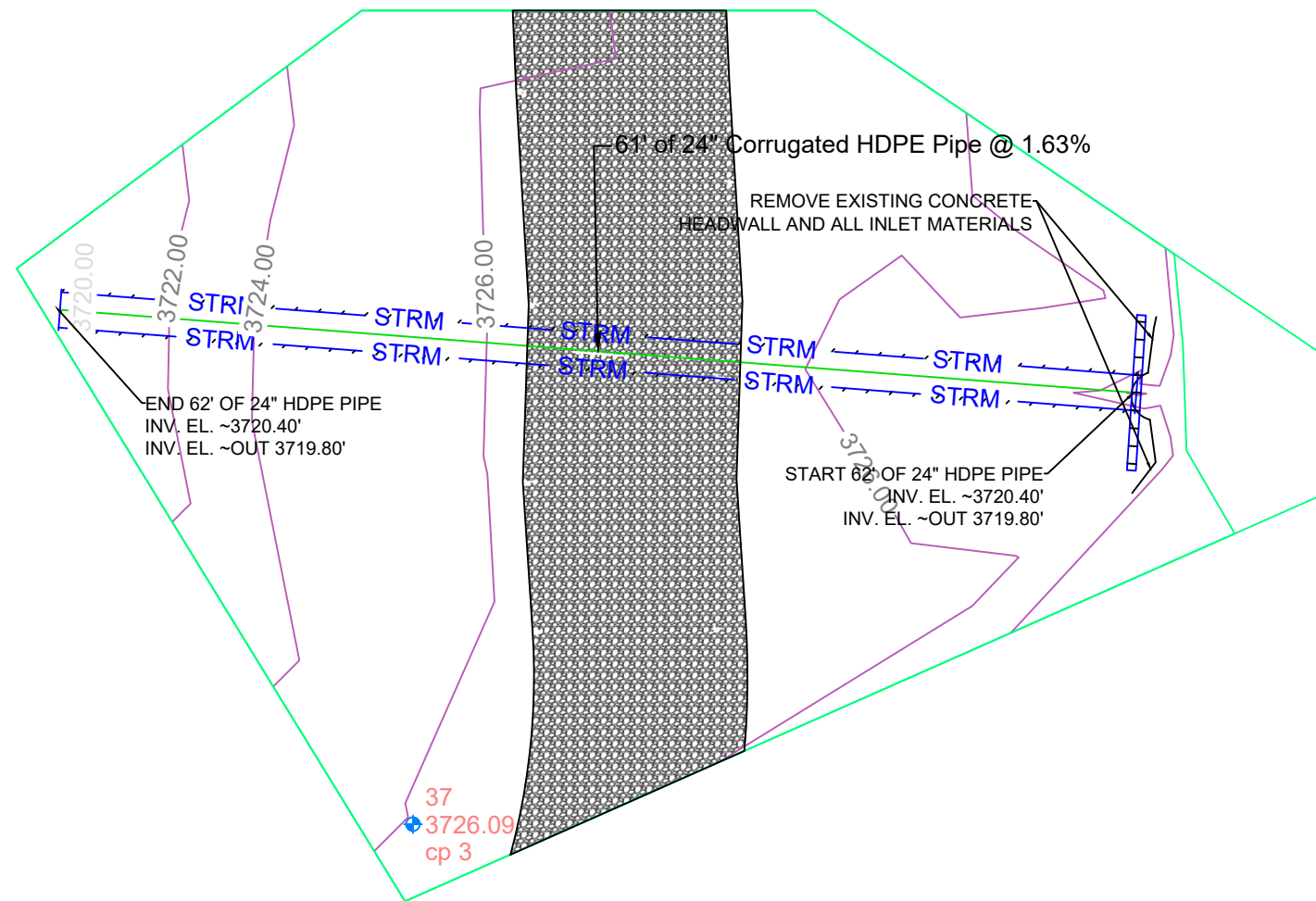
APPROVED BY: DATE:



**MONTANA FISH,  
 WILDLIFE & PARKS**

**Freezout Lake WMA Water Control Structures  
 SITE #2 WATER CONTROL STRUCTURE**

SHEET: 4  
 of 7



**SITE #3**

PLAN VIEW Scale 1"= 10'

Kevin Harrington 8-21-24  
 DRAWN BY: DATE:  
 CHECKED BY: DATE:

Joey Renenger PE  
 APPROVED BY: DATE:  
 APPROVED BY: DATE:

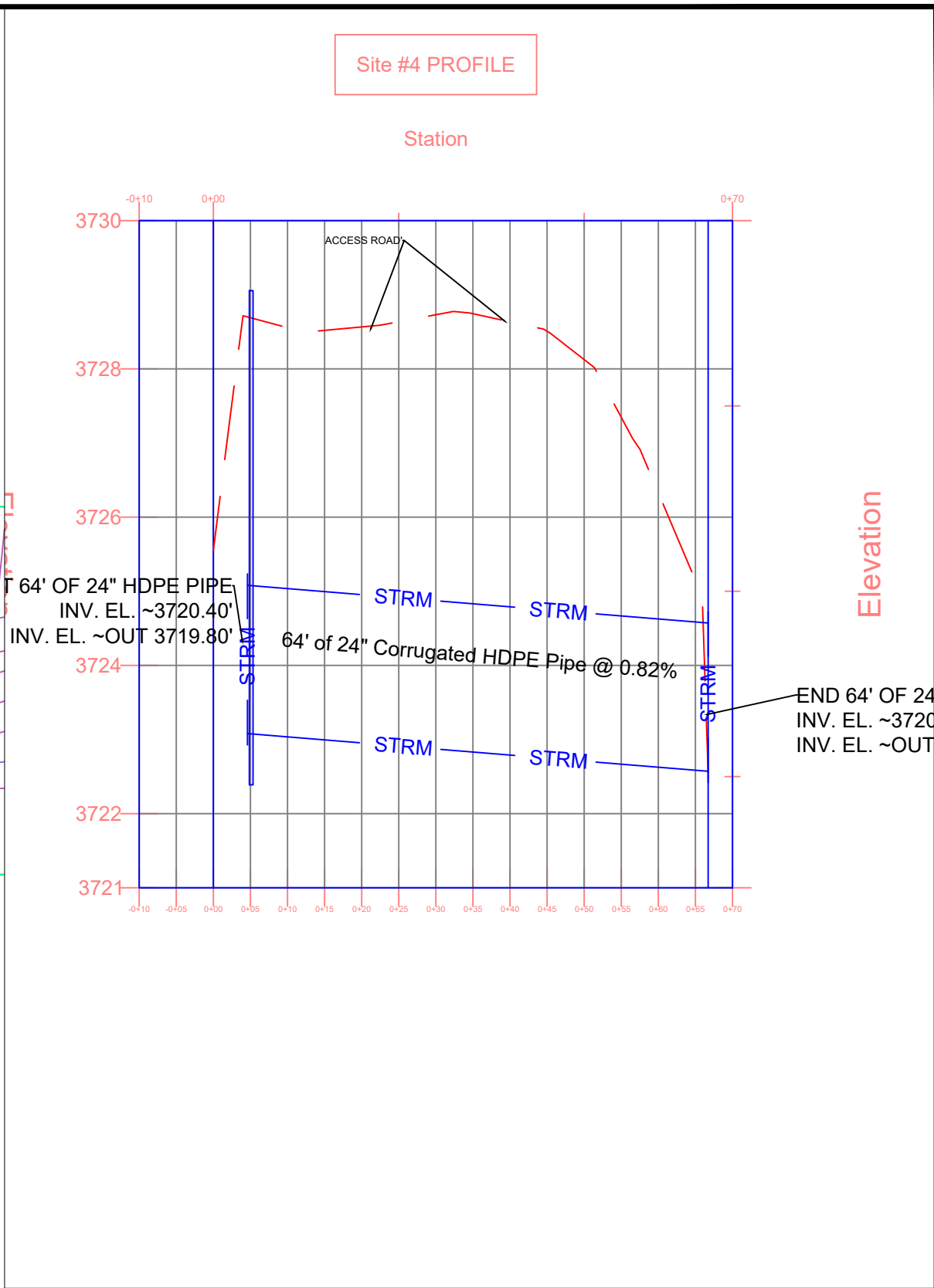
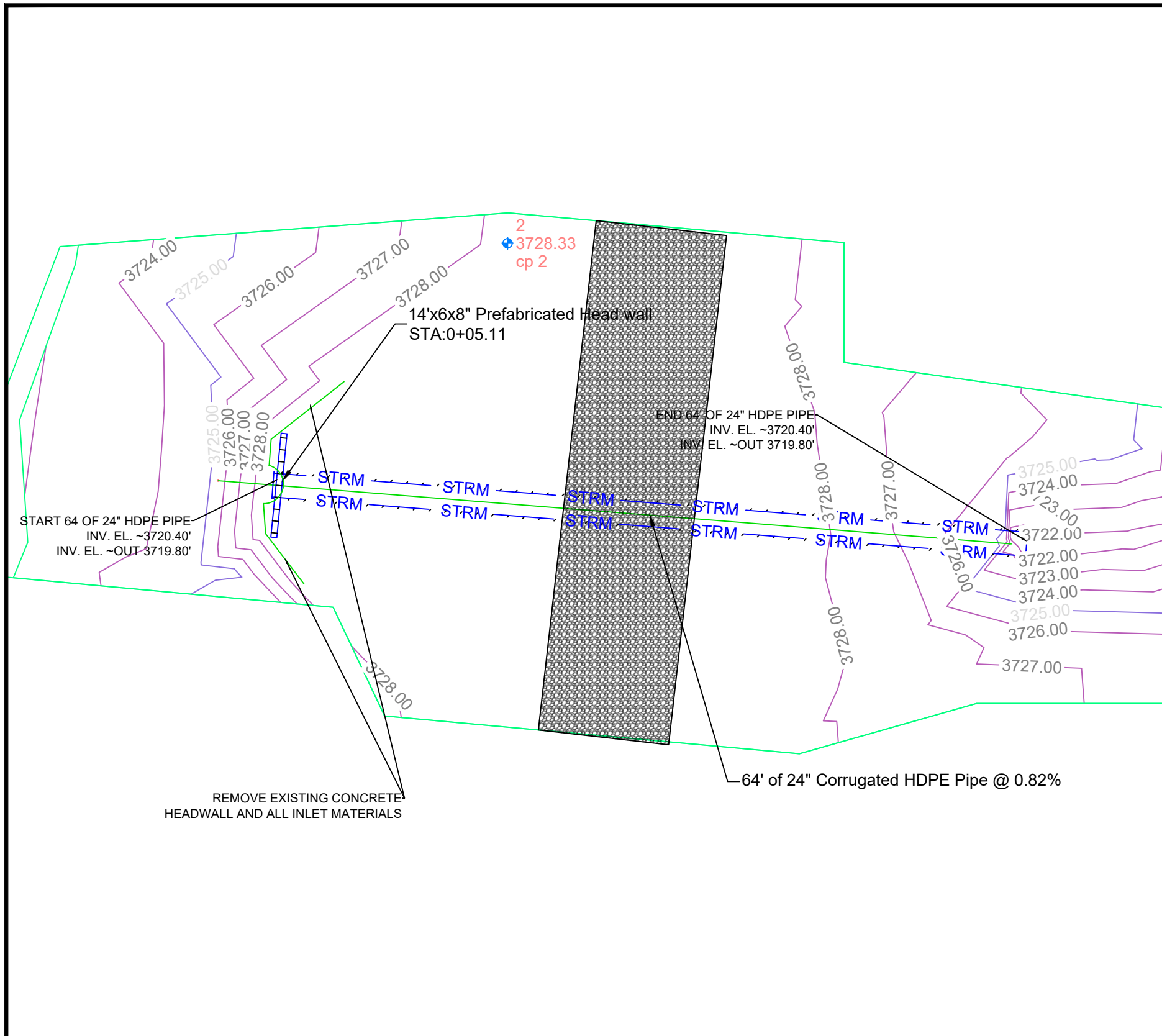
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**MONTANA FISH,  
 WILDLIFE & PARKS**

**Freezout Lake WMA Water Control Structures  
 SITE #3 WATER CONTROL STRUCTURE**

SHEET: **5**  
 of **7**



**SITE #4**

PLAN VIEW Scale 1"= 10'

Kevin Harrington 8-21-24  
DRAWN BY: DATE:

Joey Renenger PE  
APPROVED BY: DATE:

APPROVED BY: DATE:

CHECKED BY: DATE:

APPROVED BY: DATE:

APPROVED BY: DATE:



**MONTANA FISH,  
WILDLIFE & PARKS**

**Freezout Lake WMA Water Control Structures  
SITE #4 WATER CONTROL STRUCTURE**

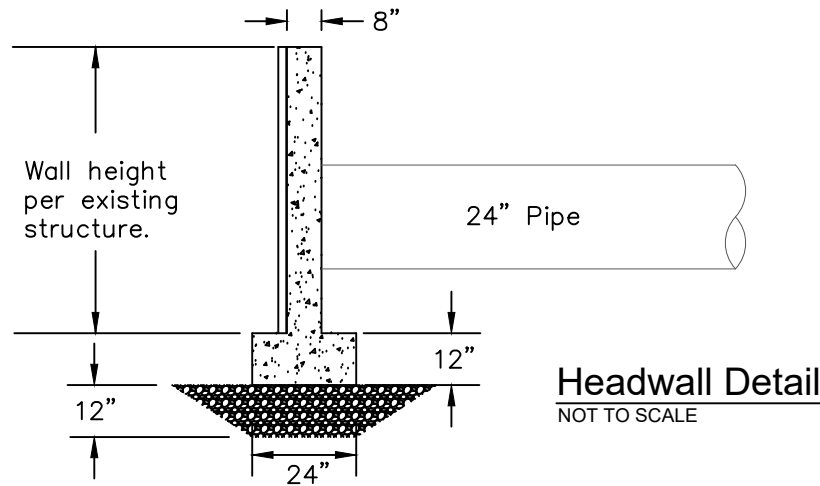
SHEET: **6**  
of **7**

**GENERAL NOTES:**

1. NOTIFY ALL UTILITY COMPANIES IN WRITING AND BE RESPONSIBLE FOR SECURING THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING EXCAVATION.
2. UNLESS SPECIFICALLY IDENTIFIED OTHERWISE ON THE PLAN SHEETS, ALL POWER, TELEPHONE AND OTHER UTILITY POLES OR GUY WIRES WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED OR RELOCATED BY THE UTILITY COMPANY OR TEMPORARY POWER POLE SHORING SHALL BE INSTALLED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH UTILITY COMPANY PRIOR TO CONSTRUCTION.
3. OBTAIN ALL NECESSARY PERMITS UNLESS OTHERWISE IDENTIFIED IN THE SPECIFICATIONS.
4. REMOVE AND REINSTALL ANY OBSTACLE (FENCES, LANDSCAPE FEATURES, RECREATIONAL EQUIPMENT, PARKING BLOCKS, ETC.) THAT INTERFERE WITH CONSTRUCTION UPON APPROVAL OF PROJECT ENGINEER UNLESS OTHERWISE NOTED ON PLANS.
5. ALL CONSTRUCTION SHALL CONFORM TO MPWSS (LATEST EDITION), AND MODIFICATIONS TO MPWSS DESCRIBED IN THE SPECIFICATIONS.
6. PROVIDE ALL TRAFFIC CONTROL IN ACCORDANCE WITH CURRENT M.U.T.C.D. AND AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS AND CONTRACT REQUIREMENTS.
7. VERIFY CLASS AND DIAMETER OF EXISTING PIPES FOR CONNECTIONS.
8. FISH, WILDLIFE, AND PARKS OFFICE SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY WORK.
9. PROTECT ALL EXISTING SURVEY MONUMENTATION UNLESS OTHERWISE NOTED ON PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ANY DISTURBED MONUMENTATION.
10. ALL CULVERTS AND DRAINAGE DITCHES AFFECTED BY CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION.
11. EXCESS EXCAVATED MATERIAL INCLUDING PIPE, STUMPS, ROOTS AND ANY OTHER ITEMS THE OWNER DOES NOT REQUEST TO SALVAGE SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY, INCIDENTAL TO THE CONTRACT.
12. CONTRACTOR SHALL PROCURE AND COORDINATE STORAGE AND SPOIL PILE SITES INCIDENTAL TO THE CONTRACT. SUBMIT PROPOSED SITE INFORMATION TO THE ENGINEER AND THE OWNER. ALL STOCKPILE MUST BE CONTAINED WITH SILT FENCE.
13. ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION. THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED, MONITORED, AND MAINTAINED BY THE CONTRACTOR UNTIL FINAL VEGETATIVE COVERAGE HAS BEEN ESTABLISHED AND ACCEPTED BY THE OWNER.
14. REPAIR/REPLACE ANY UTILITY (SEWER, STORM DRAIN, GAS, TELEPHONE, ETC.) DAMAGED BY CONSTRUCTION UNLESS OTHERWISE NOTED ON PLANS. REPAIR/REPLACE SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES AND AFFECTED UTILITY COMPANY STANDARDS. PAYMENT SHALL BE INCIDENTAL TO OTHER WORK.
15. CONTRACTOR IS RESPONSIBLE TO REMAIN WITHIN THE CONSTRUCTION LIMITS AND FOR RESTORATION OF DISTURBED AREAS IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
16. ALL DISTURBED AREAS TO BE RECLAIMED AND RESEDED WITH A NATIVE SEED MIX AFTER CONSTRUCTION. CONTRACTOR TO SALVAGE TOPSOIL FROM EXCAVATED AREAS AND REUSE IF POSSIBLE ON TOP OF COMPACTED BACKFILL AREAS.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MANAGE ACTIVE STORMWATER RUNOFF DURING THE CONSTRUCTION PERIOD. CONTRACTOR TO DEVELOP A PLAN TO BE REVIEWED AS A SUBMITTAL BEFORE CONSTRUCTION BEGINS.

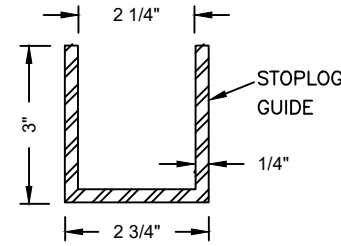
**PROJECT CONTROL:**

PN	Easting	Northing	Point Elevation	Name
2	1337532.7337'	1268797.2917'	3728.33'	cp 2
37	1337664.3389'	1267506.2117'	3726.09'	cp 3
38	1337773.8417'	1270654.9651'	3727.18'	cp 4
40	1336598.5890'	1266434.9510'	3727.97'	cp 1
41	1344578.3600'	1255636.0200'	3775.66'	cp 5
100	1344658.0906'	1255568.1172'	3775.33'	cp 6
101	1344675.3887'	1255605.8697'	3776.50'	cp 7



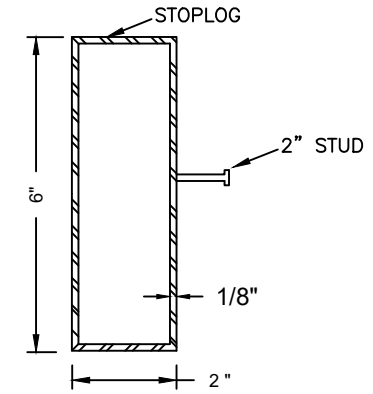
**Headwall Detail**  
NOT TO SCALE

**GRADE A36 STEEL**

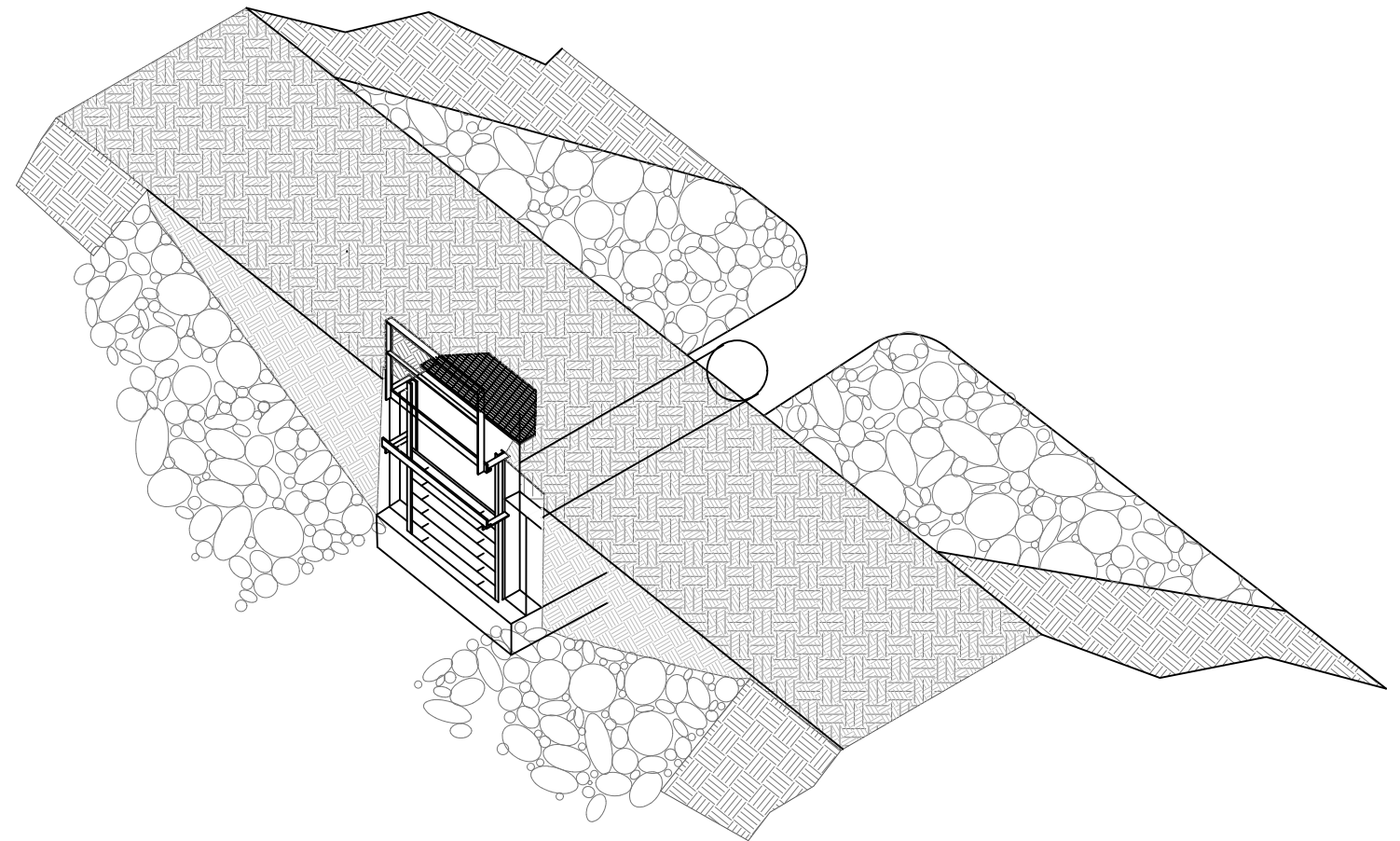


**Stoplog Guide Detail**  
NOT TO SCALE

**GRADE A36 STEEL**



**Stoplog Detail**  
NOT TO SCALE



**Water Control Structure**  
NOT TO SCALE - ISOMETRIC VIEW

**DETAIL SHEET**

Kevin Harrington 8-21-24  
DRAWN BY: DATE:  
CHECKED BY: DATE:

Joey Renenger PE  
APPROVED BY: DATE:  
APPROVED BY: DATE:

APPROVED BY: DATE:  
APPROVED BY: DATE:



**MONTANA FISH,  
WILDLIFE & PARKS**

**Freezout Lake WMA Water Control Structures  
DETAILS**

SHEET: 7 of 7