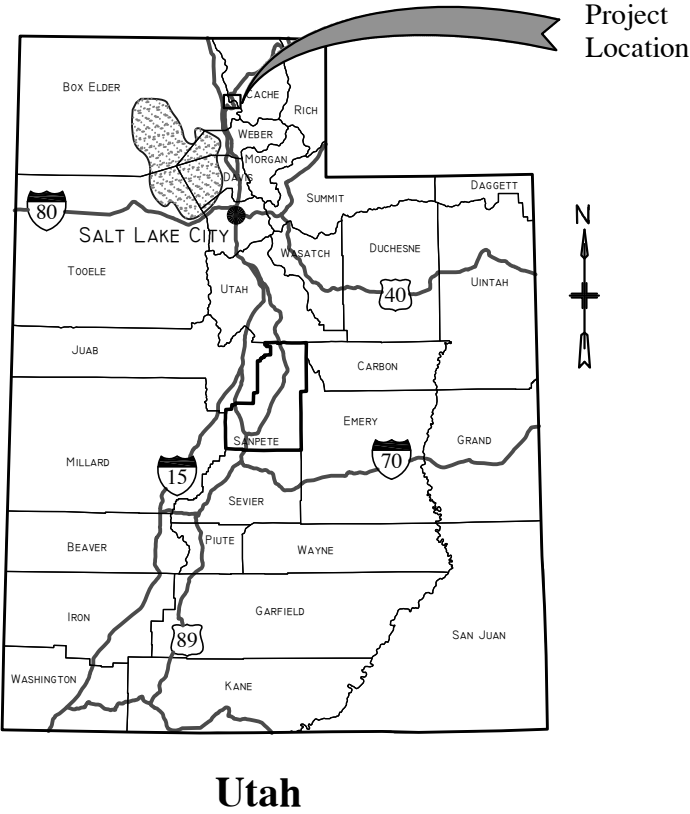
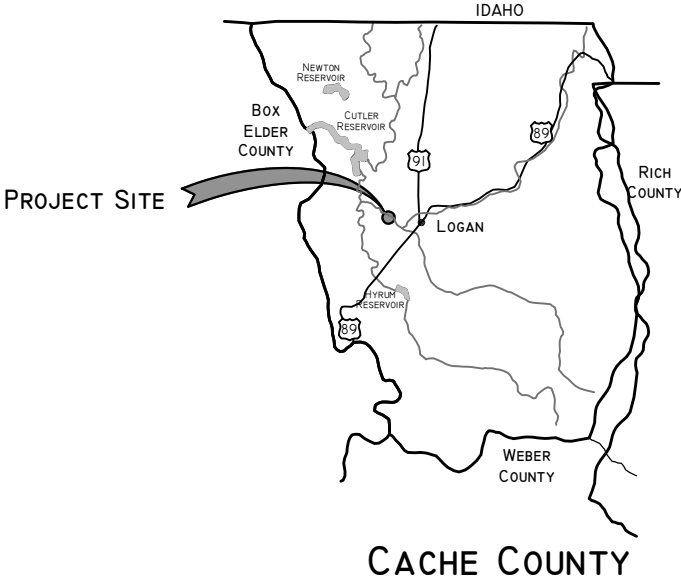


Cache Water District Trapper Park Canal Piping



VOLUME 2 OF 2
DRAWINGS
AUGUST 2024

Issued for
Bidding
Plot Date: 8/21/2024



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DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	August 21, 2024
NO.	DATE	INITIALS	REVISIONS	DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
COVER SHEET, LOCATION MAPS

General.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design
Drawings
LAYOUT: Cover

JOB NO.
21093

SHEET INDEX

- G1 COVER SHEET, LOCATION MAPS
- G2 SHEET INDEX, GENERAL NOTES
- G3 PROJECT SITE MAP
- G4 SURVEY CONTROL

- P1 OVERALL PLAN VIEW
- P2 PLAN AND PROFILE STA. 10+00 - 15+00
- P3 PLAN AND PROFILE STA. 15+00 - 20+00
- P4 PLAN AND PROFILE STA. 20+00 - 25+00
- P5 PLAN AND PROFILE STA. 25+00 - 30+00
- P6 PLAN AND PROFILE STA. 30+00 - 35+00
- P7 PLAN AND PROFILE STA. 35+00 - 40+00
- P8 PLAN AND PROFILE STA. 40+00 - 45+00
- P9 PLAN AND PROFILE STA. 45+00 - 50+00
- P10 PLAN AND PROFILE STA. 50+00 - 53+00
- P11 PLAN AND PROFILE STA. 59+72 - 61+40
- P12 PLAN AND PROFILE STA. 80+00 - 85+00
- P13 PLAN AND PROFILE STA. 85+00 - 90+00
- P14 PLAN AND PROFILE STA. 90+00 - 94+80
- P15 PLAN AND PROFILE STA. 100+00 - 102+19

- S1 DIVERSION STRUCTURE SITE PLAN
- S2 DIVERSION STRUCTURE PLAN
- S3 DIVERSION STRUCTURE PROFILE
- S4 DIVERSION STRUCTURE SECTIONS
- S5 DIVERSION STRUCTURE STRUCTURAL DETAILS
- S6 TRAVELING SCREEN DETAILS
- S7 DEFLECTION BAR DETAILS
- S8 ELECTRICAL PLAN

- D1 TRENCH DETAIL & INLET-CLEANOUT BOX
- D2 TYPICAL MANHOLE DETAILS
- D3 DIVERSION BOX & GRATE DETAIL
- D4 CHECK BOX STRUCTURE DETAILS
- D5 SII OVERFLOW BOX
- D6 INLET-OUTLET DETAILS
- D7 TYPICAL STRUCTURAL DETAILS

- R1 DEMOLITION OVERALL
- R2 DEMOLITION STA. 10+00 - 15+00
- R3 DEMOLITION STA. 15+00 - 20+00
- R4 DEMOLITION STA. 20+00 - 25+00
- R5 DEMOLITION STA. 25+00 - 30+00
- R6 DEMOLITION STA. 30+00 - 35+00
- R7 DEMOLITION STA. 35+00 - 40+00
- R8 DEMOLITION STA. 40+00 - 45+00
- R9 DEMOLITION STA. 45+00 - 50+00
- R10 DEMOLITION STA. 50+00 - 53+00
- R11 DEMOLITION STA. 85+00 - 90+00
- R12 DEMOLITION STA. 90+00 - 95+00

1. UTILITIES ARE SHOWN IN THE DRAWINGS. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE ENGINEER DOES NOT GUARANTEE THESE LOCATIONS TO BE EITHER TRUE OR EXACT. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING BLUE STAKES (1-800-662-4111) AND FOR LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES (WATER, DRAINAGE, ACCESS ROADS, ETC.) DURING CONSTRUCTION AND ENSURE THEY REMAIN IN PLACE AND OPERATIONAL.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SERVICE LINES FOR GAS, WATER, POWER, AND OTHER UTILITIES, AND REPAIR ANY DAMAGE TO SERVICE LINES AS A RESULT OF THE CONTRACTOR'S WORK. APPROXIMATE LOCATIONS OF SOME UTILITIES ARE SHOWN IN THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE ACTUAL LOCATIONS OF THESE UTILITIES AND ALL OTHER UTILITIES.
3. CONTRACTOR IS RESPONSIBLE TO PERFORM CONSTRUCTION AS PER THE PROVIDED DRAWINGS AND PLANSET. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH APPROVAL OF THE ENGINEER AND THE OWNER.
4. TRACER WIRE AND WARNING TAPE MUST BE PROVIDED ON ALL PIPELINE INSTALLATIONS.
5. ELEVATIONS SHOWN ON THESE PLANS ARE IN FEET, UNLESS NOTED OTHERWISE. ELEVATIONS WERE OBTAINED FROM DIGITAL ELEVATION MODELS (DEM) OR PROVIDED BY OTHERS. CONTRACTOR TO VERIFY ALL ELEVATION DATA IN FIELD.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS, WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE.
7. TRAFFIC CONTROL IS TO CONFORM TO THE UDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS, AND WITH ALL CITY, COUNTY, AND STATE REQUIREMENTS.
8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
9. CONTRACTOR SHALL IMPLEMENT MEASURES DURING CONSTRUCTION THAT WILL PREVENT RUNOFF, DEBRIS, AND SEDIMENT FROM ENTERING THE UNFINISHED PORTIONS OF THE PIPE DURING CONSTRUCTION.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR ALL THE SURVEYING AND CONSTRUCTION STAKING.
11. SAFE CONSTRUCTION PROCEDURES AND WORKING CLEARANCES ARE TO BE MAINTAINED AT ALL TIMES. CONTRACTOR TO FOLLOW ALL APPLICABLE OSHA STANDARDS.
12. CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL ALL ROAD CROSSINGS TO A MINIMUM DEPTH OF COVER OF 30 INCHES OR GREATER UNLESS SPECIFIED IN THE DRAWINGS. GREATER DEPTH MAY BE REQUIRED SO AS TO CLEAR ALL OBSTRUCTIONS AND PROVIDE ADEQUATE SLOPE FOR WATER IN THE PIPELINE SYSTEM. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO MEET THESE REQUIREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE TO POTHOLE UTILITIES IN FRONT OF THE PIPE CREW AND ADJUST ELEVATION OF IRRIGATION PIPE TO ENSURE ADEQUATE GRAVITY FLOW.
13. DAMAGES TO CONCRETE DRIVEWAYS, SIDEWALK, SURVEY MONUMENTS, FENCE, AND LANDSCAPING BEYOND WHAT IS REQUIRED FOR TRENCHING IS TO BE REPAIRED AND REPLACED AT CONTRACTOR EXPENSE. THE CONTRACTOR SHALL REPLACE STRUCTURES TO MATCH THE EXISTING CONDITION, LINE, GRADE, AND TYPE OF CONSTRUCTION.
14. WORK IN EXISTING IRRIGATION DITCHES IS TO BE COMPLETED BETWEEN OCTOBER 1ST AND APRIL 1ST UNLESS APPROVED BY OWNER, OR CONTRACTOR SUBMITS AN ALTERNATIVE TO DELIVER WATER TO SHAREHOLDERS DURING THE IRRIGATION SEASON.
15. CONTRACTOR SHALL PROVIDE BARRICADES AT ALL EXCAVATION SITES WHILE OPEN TRENCHES ARE PRESENT IN PUBLIC RIGHT-OF-WAY.
16. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL SOIL TESTING, INCLUDING BUT NOT LIMITED TO PROCTOR, GRADATION, AND COMPACTION TESTING. OWNER RESERVES THE RIGHT TO COLLECT ADDITIONAL TESTS FOR QUALITY ASSURANCE.
17. DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE.
18. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF RED-LINE DRAWINGS SHOWING FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES AND CLEARLY INDICATING ANY DEVIATIONS FROM THE DESIGN. CONTRACTOR SHALL SUBMIT RED-LINE DRAWINGS TO ENGINEER UPON COMPLETION OF CONSTRUCTION.
19. CONTRACTOR SHALL COMPLY WITH ALL COUNTY, STATE AND FEDERAL LAWS.
20. FILL MUST BE IMPORTED IF NATIVE MATERIAL IS DEEMED UNSUITABLE OR INSUFFICIENT QUANTITIES ARE AVAILABLE TO PROVIDE ADEQUATE COVER OVER PIPE.
21. IMPORTED FILL MUST BE PLACED IN NO GREATER THAN 12" LIFTS AND COMPACTED TO SPECIFICATIONS ON TRENCH DETAIL.
22. CONTRACTOR TO FURNISH AND INSTALL PIPE AND ALL ASSOCIATED STRUCTURES EQUIPMENT, AND MATERIAL SPECIFIED IN THESE PLANS AND THE PROJECT SPECIFICATIONS.

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LEGEND

SECTION/VIEW/DETAIL TITLE LABELS



SECTION REFERENCES

- A REFERS TO THE SECTION DESIGNATION LABEL (TOP)
- 4 REFERS TO THE SHEET WHERE THE VIEW/SECTION IS SHOWN (BOTTOM)



VIEW/DETAIL REFERENCES

- A REFERS TO THE VIEW/DETAIL DESIGNATION LABEL (TOP)
- 7 REFERS TO THE SHEET WHERE THE DETAIL IS SHOWN (BOTTOM)



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 American Fork, UT 84003
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DESIGNER:	MARTLYN NEUBEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		

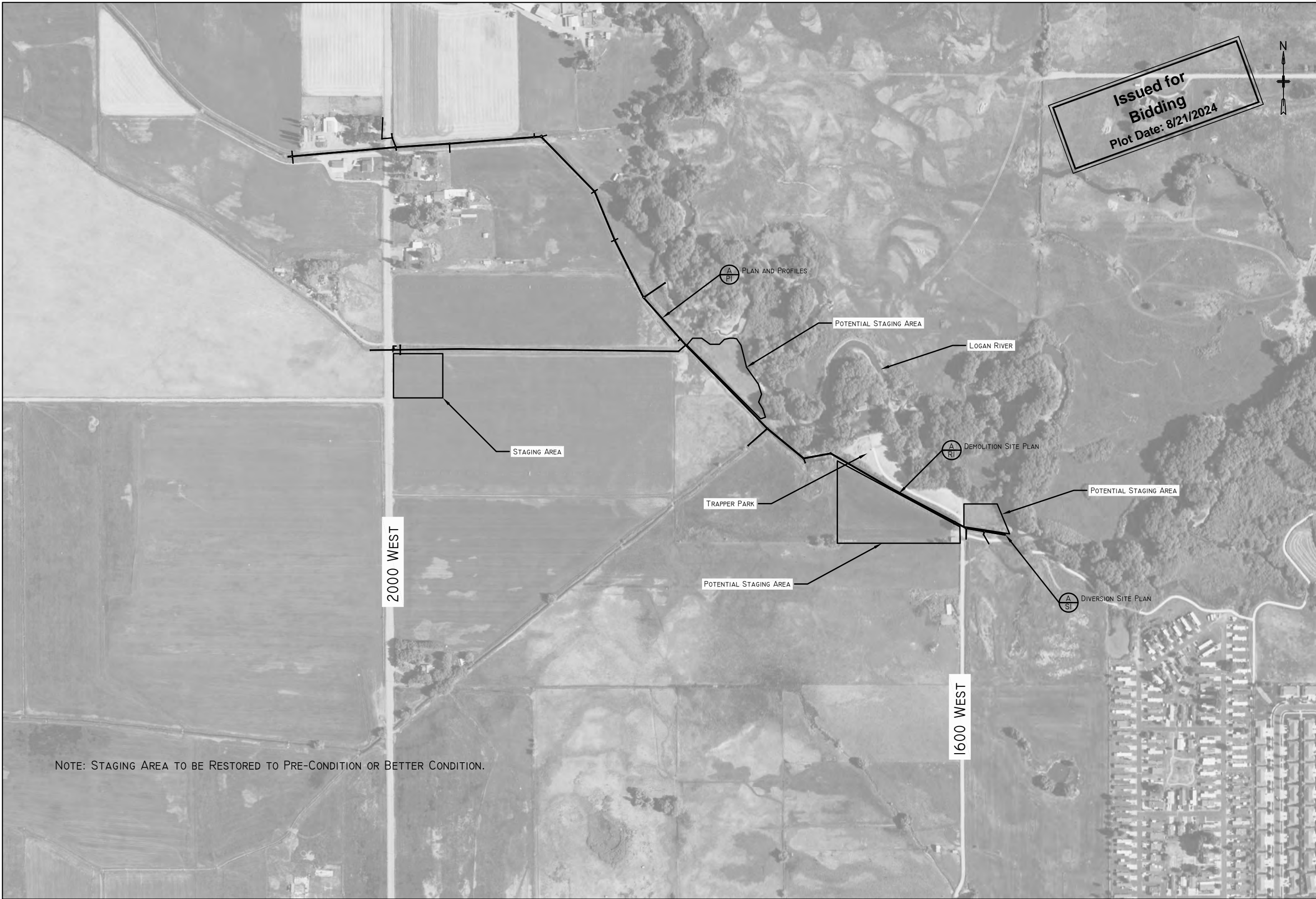
CACHE WATER DISTRICT

TRAPPER PARK CANAL PIPING

SHEET INDEX, GENERAL NOTES

Generals.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design
 Drawings
 LAYOUT: Index Notes

JOB NO.
 21093



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 Plot Date: 8/21/2024



NOTE: STAGING AREA TO BE RESTORED TO PRE-CONDITION OR BETTER CONDITION.

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NO.	DATE	INITIALS	DESCRIPTION

CACHE WATER DISTRICT

TRAPPER PARK CANAL PIPING PROJECT SITE MAP

General: dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
 Drawings
 LAYOUT: Project Area

JOB NO. 21093

DESIGNER: MARTIN NEILSEN
 DRAFTSMAN: MATT GURR
 CHECKED: ERIC FRANSON
 PROJECT LEADER: CHAD BROWN

NO. DATE INITIALS DESCRIPTION

PROJECT DATE: AUGUST 21, 2024

PRINT DATE: AUGUST 21, 2024

PROJECT LEADER: CHAD BROWN



Name	Northing	Easting	Elevation	Notes
CP1	3779006.46	1536198.353	4442.639	South 1/4 Corner of Section 7
CP2	3779015.05	1538841.956	4459.666	Southeast Corner of Section 7
CP3	3779021.404	1541485.948	4478.399	South 1/4 Corner of Section 8

NOTE: ALL COORDINATES ARE NAD 83 UTAH STATE PLANE NORTH ZONE US FEET.

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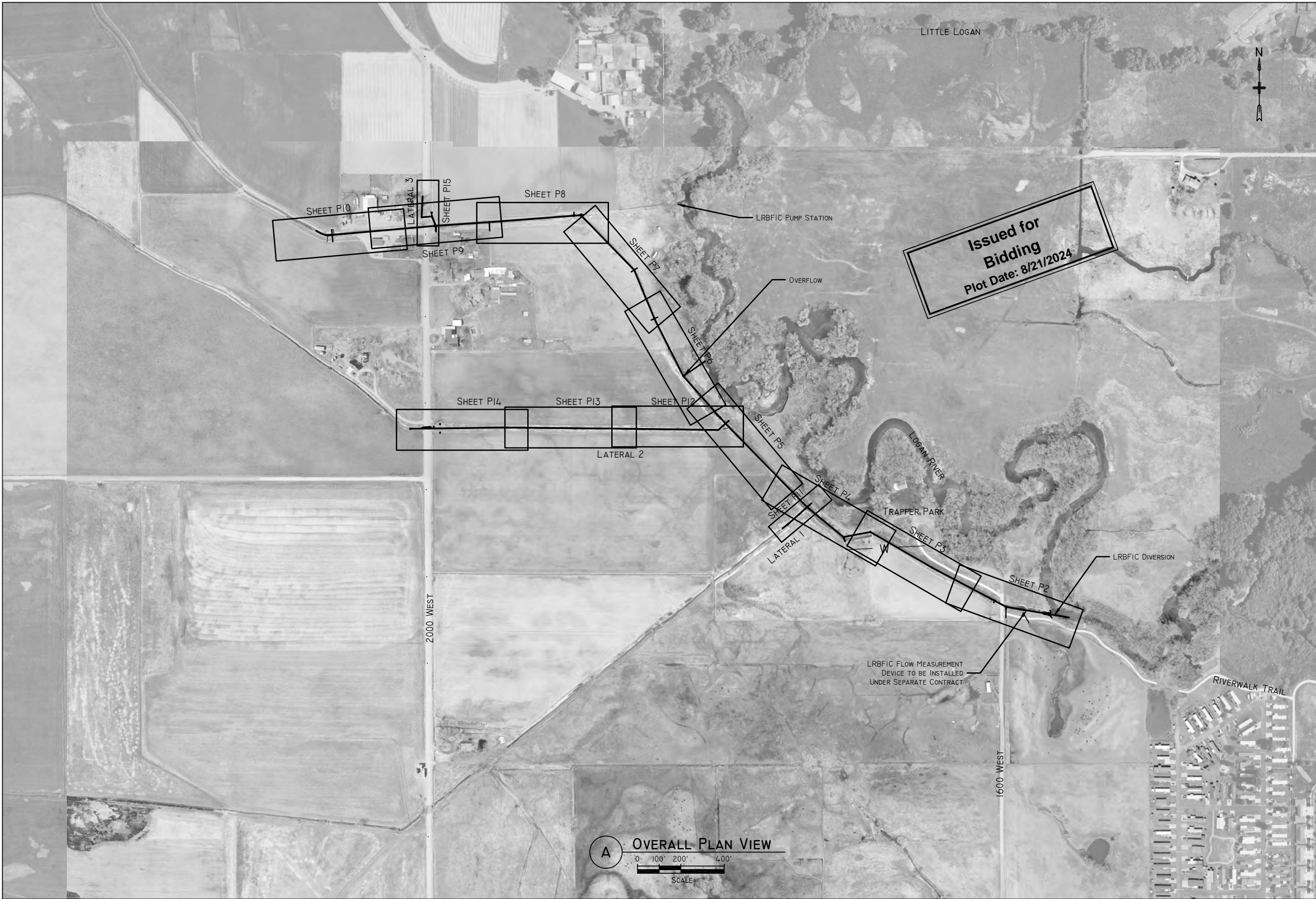
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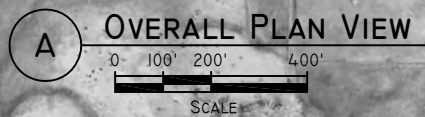
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CACHE WATER DISTRICT	
TRAPPER PARK CANAL PIPING	
SURVEY CONTROL	
General: dwg	0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design
JOB NO.	21093
Drawings	LAYOUT: Survey

DESIGNER: **MARTIN NEILSEN**
 DRAFTSMAN: **MATT GURR**
 CHECKED: **ERIC FRANSON**
 PROJECT LEADER: **CHAD BROWN**
 PRINT DATE: **AUGUST 21, 2024**



Issued for Bidding
Plot Date: 8/21/2024



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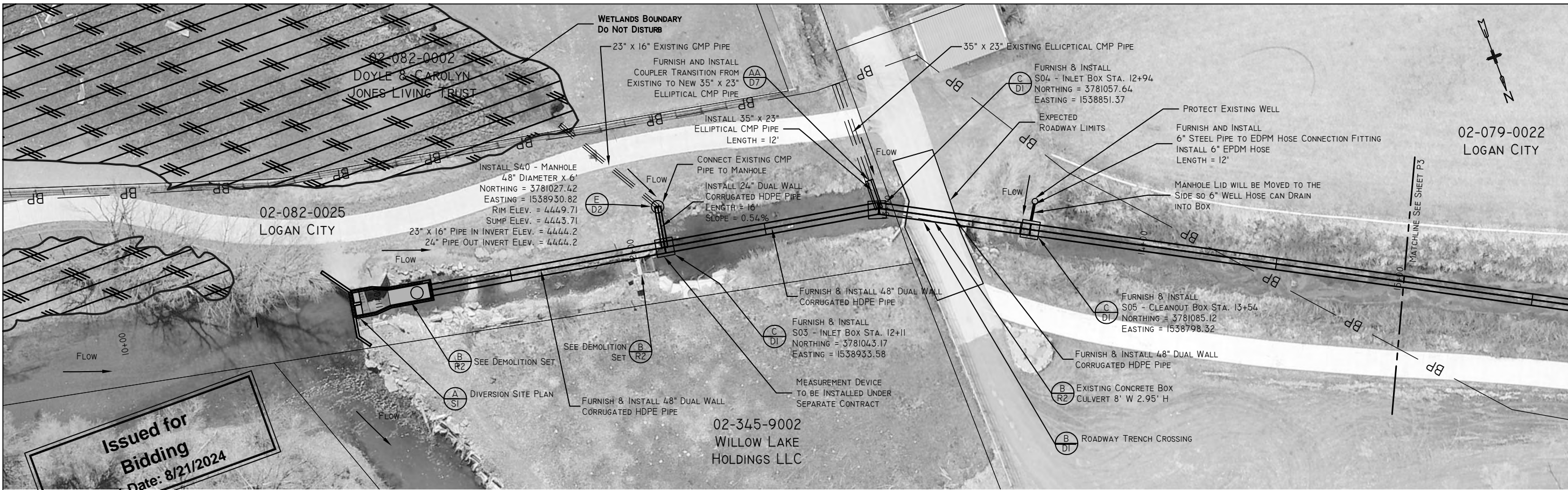
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CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
OVERALL PLAN VIEW

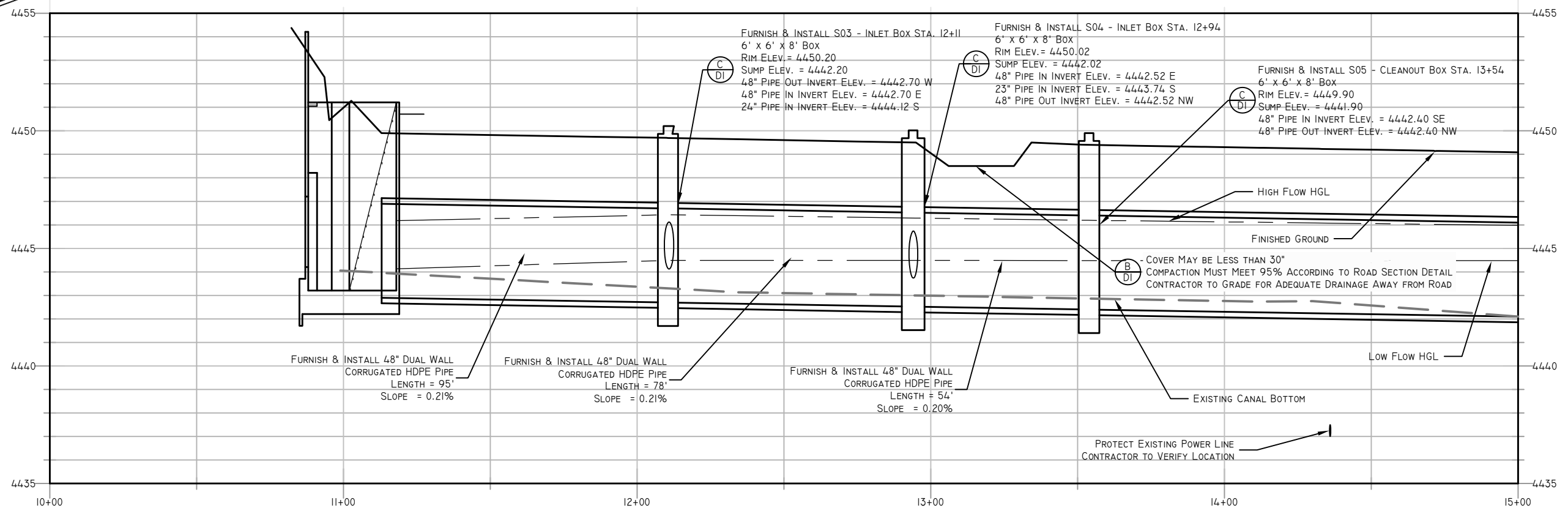
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0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: Overall

JOB NO. 21093

DESIGNER: MATT GURR
DRAFTSMAN: MATT GURR
CHECKED: MATT GURR
REVIEWED: MATT GURR
PROJECT LEADER: CHAD BROWN
PRINT DATE: AUGUST 21, 2024



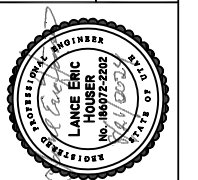
Issued for Bidding
Plot Date: 8/21/2024



B MAIN CANAL PLAN AND PROFILE STA. 10+00 - 15+00

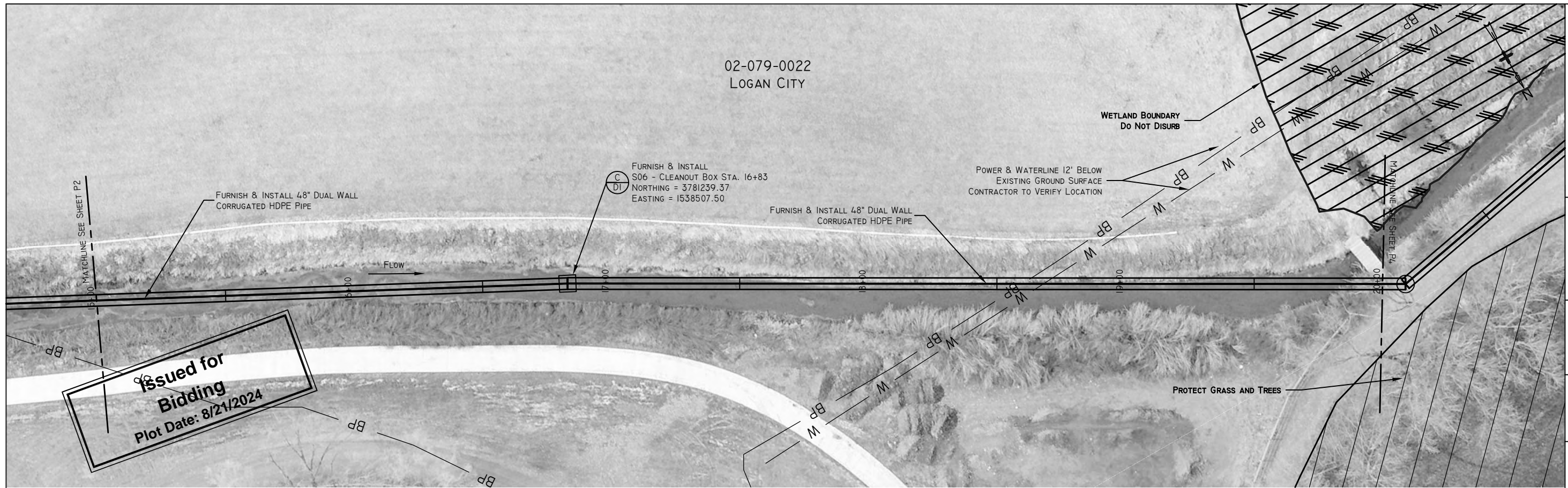
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0 2.5' 5'
VERTICAL SCALE

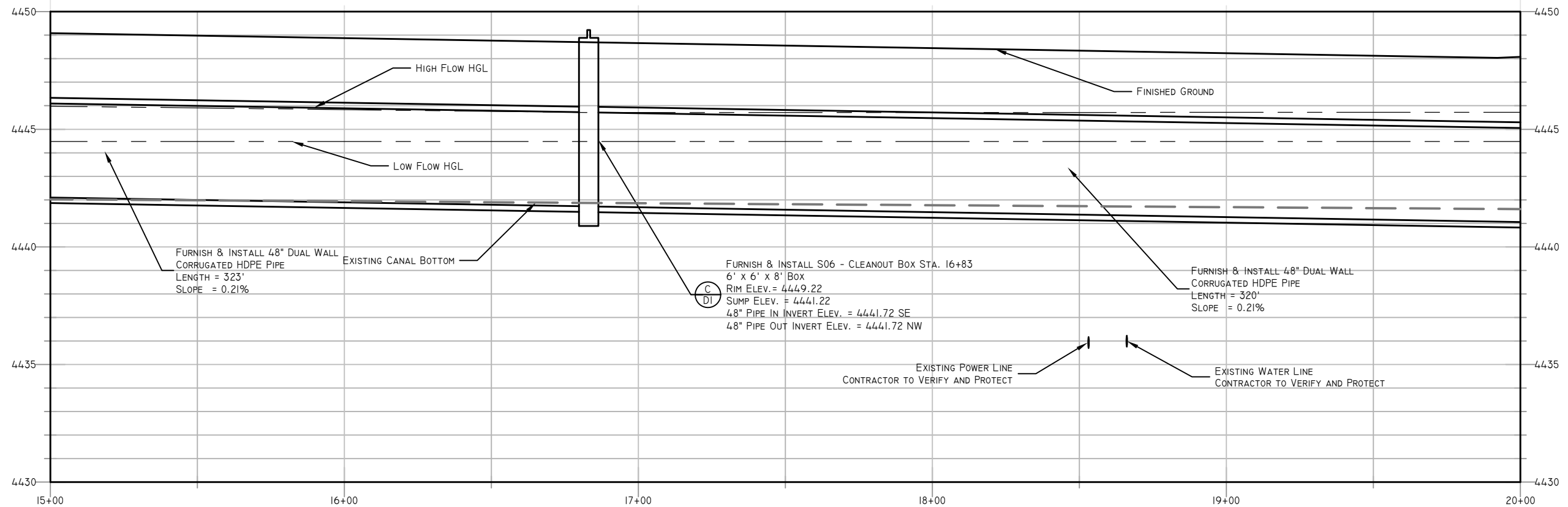


PROJECT LEADER:	CHAD BROWN	
PRINT DATE:	AUGUST 21, 2024	
CHECKED:	ERIC FRANSON	
REVIEWED:	ERIC FRANSON	
DESIGNER:	MARTIN NIELSEN	
DRAFTSMAN:	MATT GORR	
NO.	DATE	DESCRIPTION

02-079-0022
LOGAN CITY



Issued for Bidding
Plot Date: 8/21/2024



C MAIN CANAL PLAN AND PROFILE STA. 15+00 - 20+00

0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE



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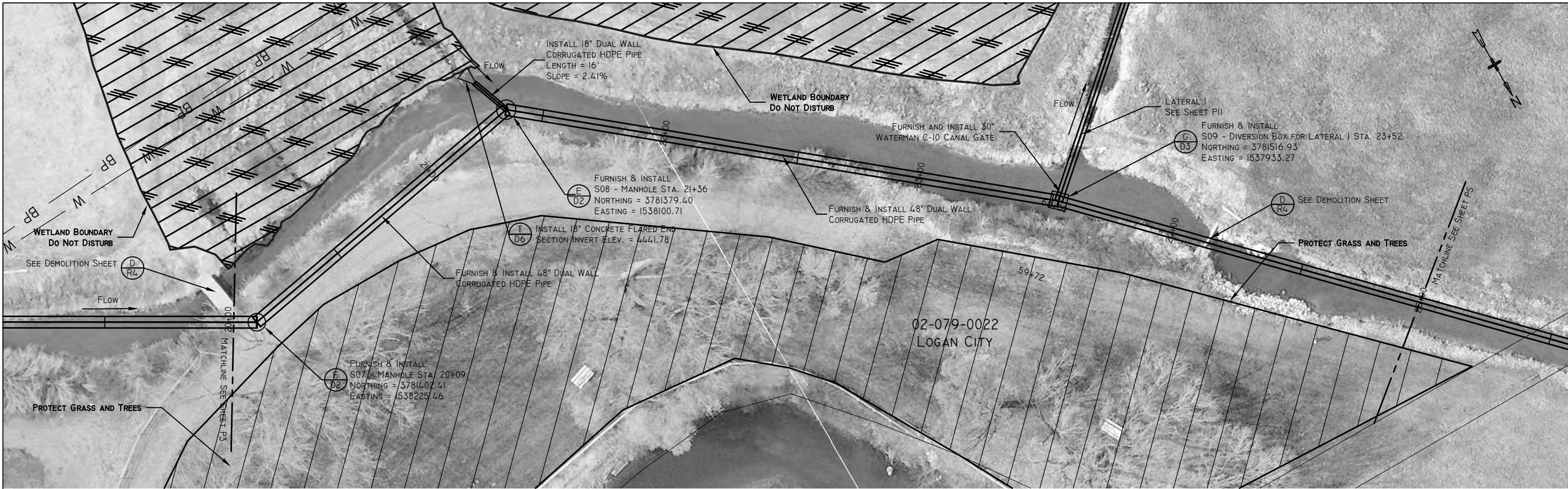
DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON
DRAFTSMAN:	MATT GORR	REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN	PRINT DATE:	AUGUST 21, 2024
NO.		DATE	DESCRIPTION
INTS.			
REVISIONS			

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 15+00 - 20+00

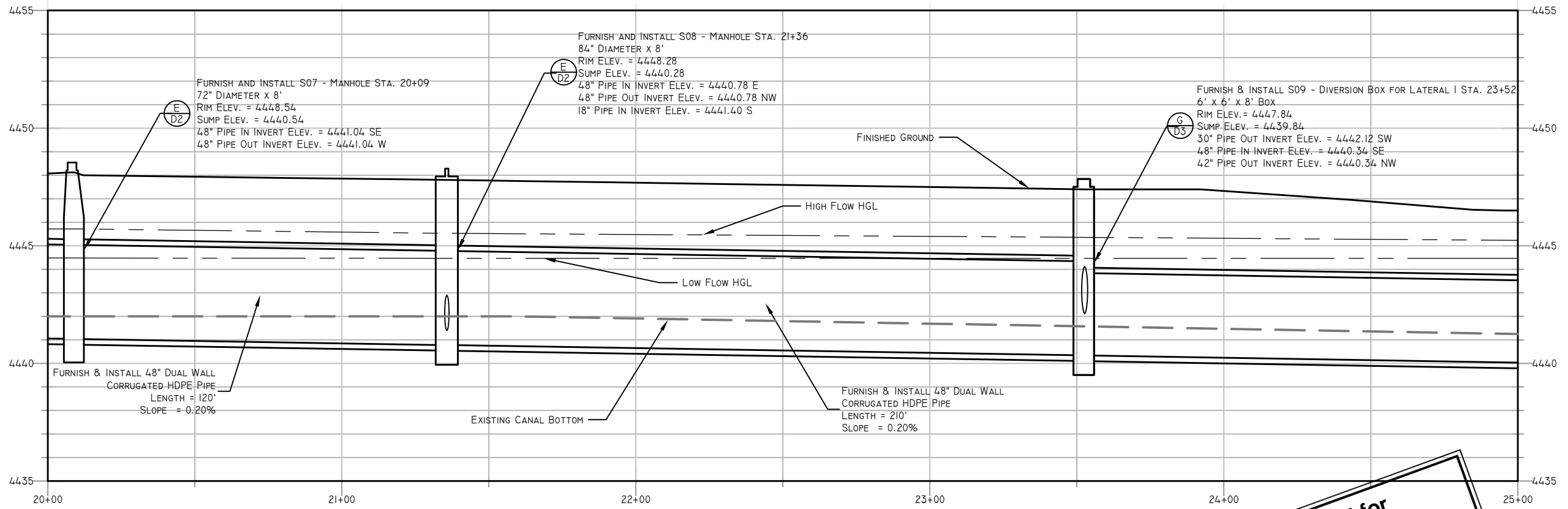
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0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P3.5-10

JOB NO. 21093

SHEET **P3** OF **P15**



PROJECT LEADER:	CHAD BROWN	
PRINT DATE:	AUGUST 21, 2024	
CHECKED:	ERIC FRANSON	
REVIEWED:	MATT GURK	
DESIGNER:	MARTIN NEILSEN	
DRAFTSMAN:	MATT GURK	
NO.	DATE	DESCRIPTION



D MAIN CANAL PLAN AND PROFILE STA. 20+00 - 25+00

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HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE

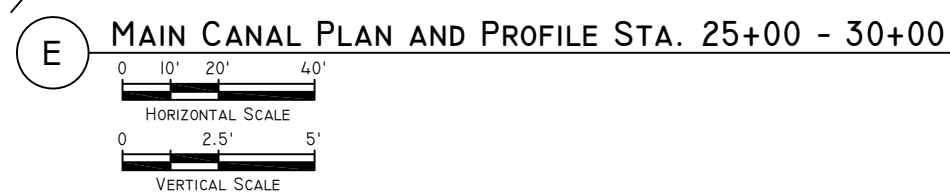
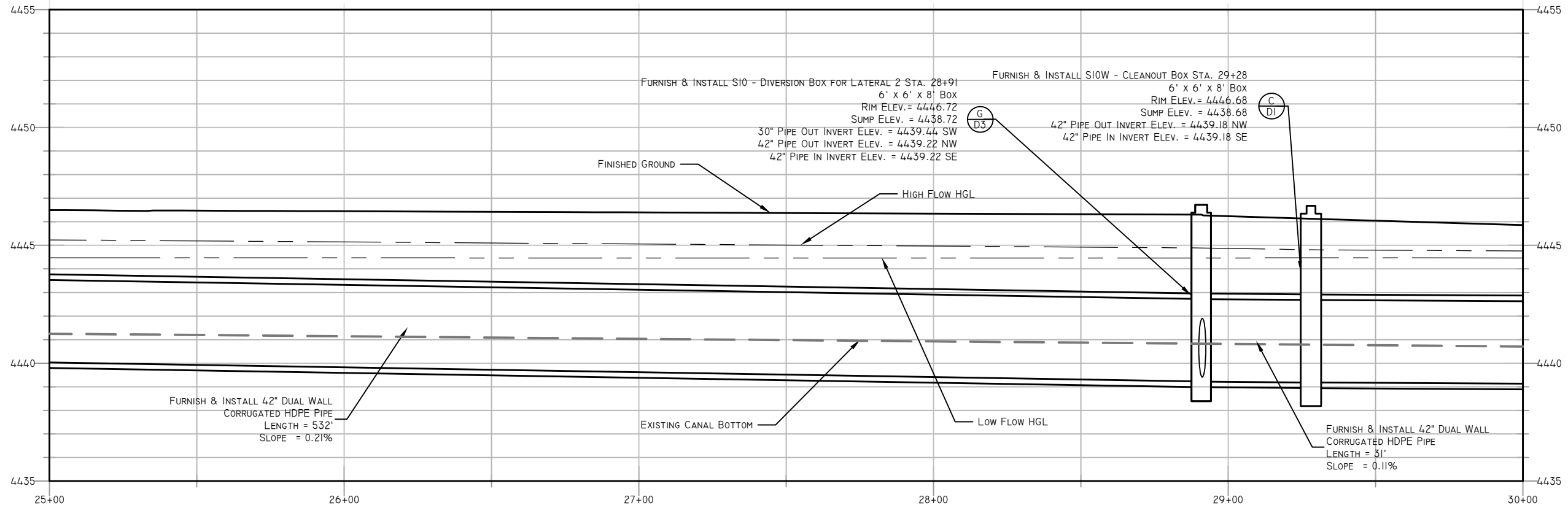
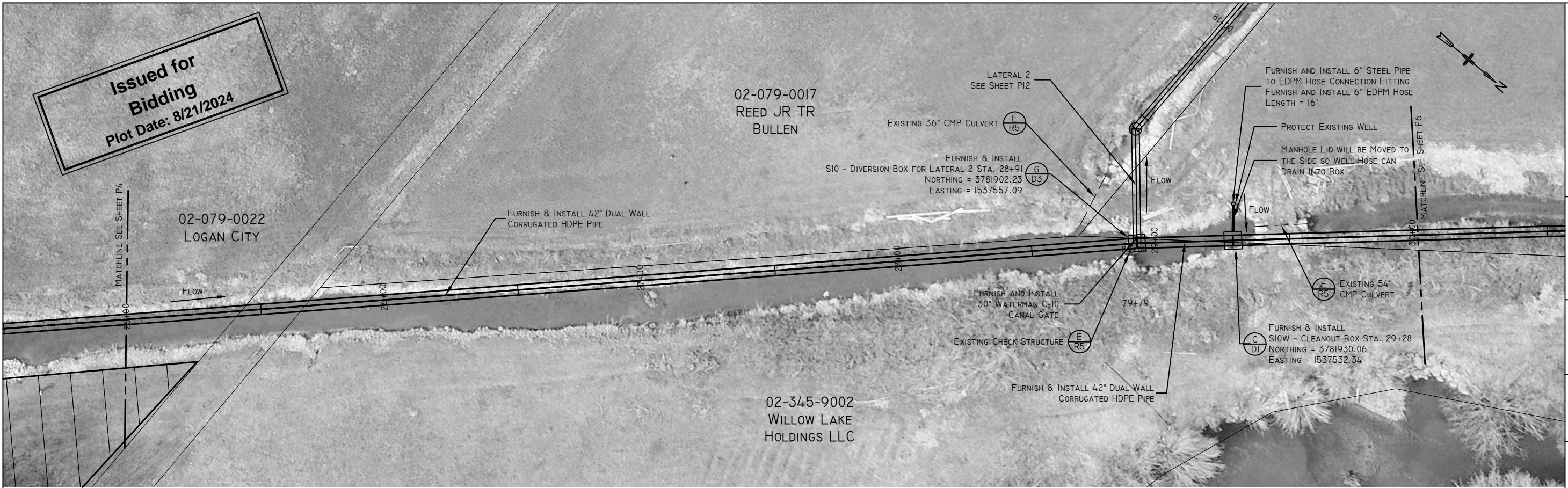
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Plot Date: 8/21/2024

Issued for Bidding
Plot Date: 8/21/2024

02-079-0022
LOGAN CITY

02-079-0017
REED JR TR
BULLEN

02-345-9002
WILLOW LAKE
HOLDINGS LLC



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NO.	DATE	DESCRIPTION

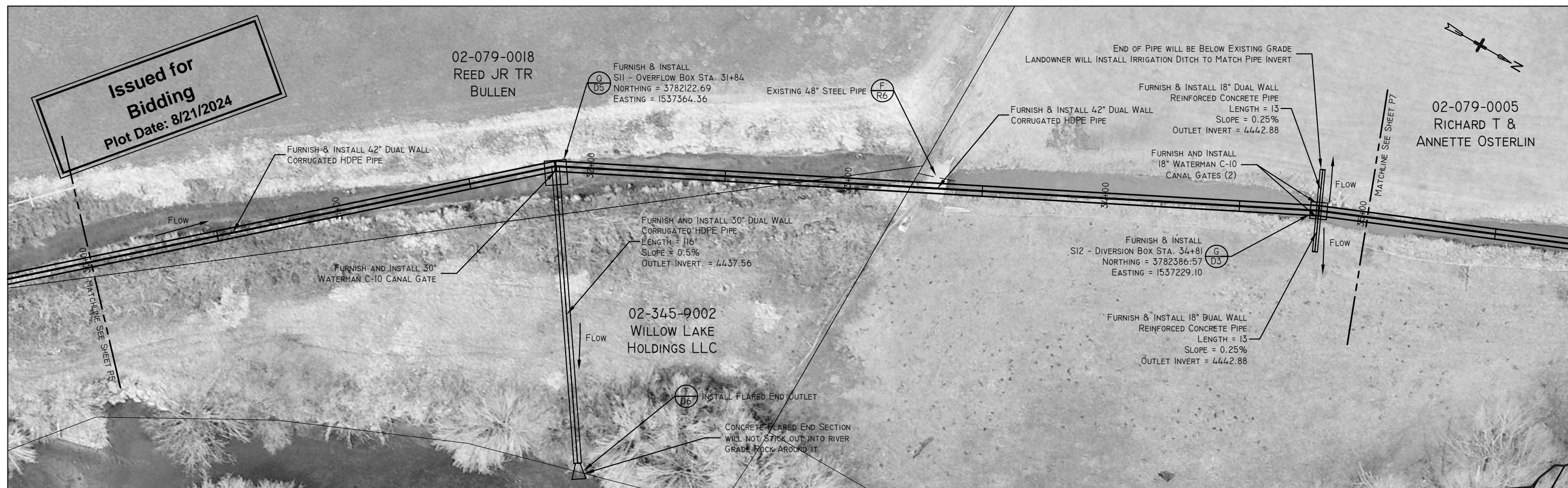
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 25+00 - 30+00
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Drawings
LAYOUT: P5.15-20

SHEET
P5 OF P15

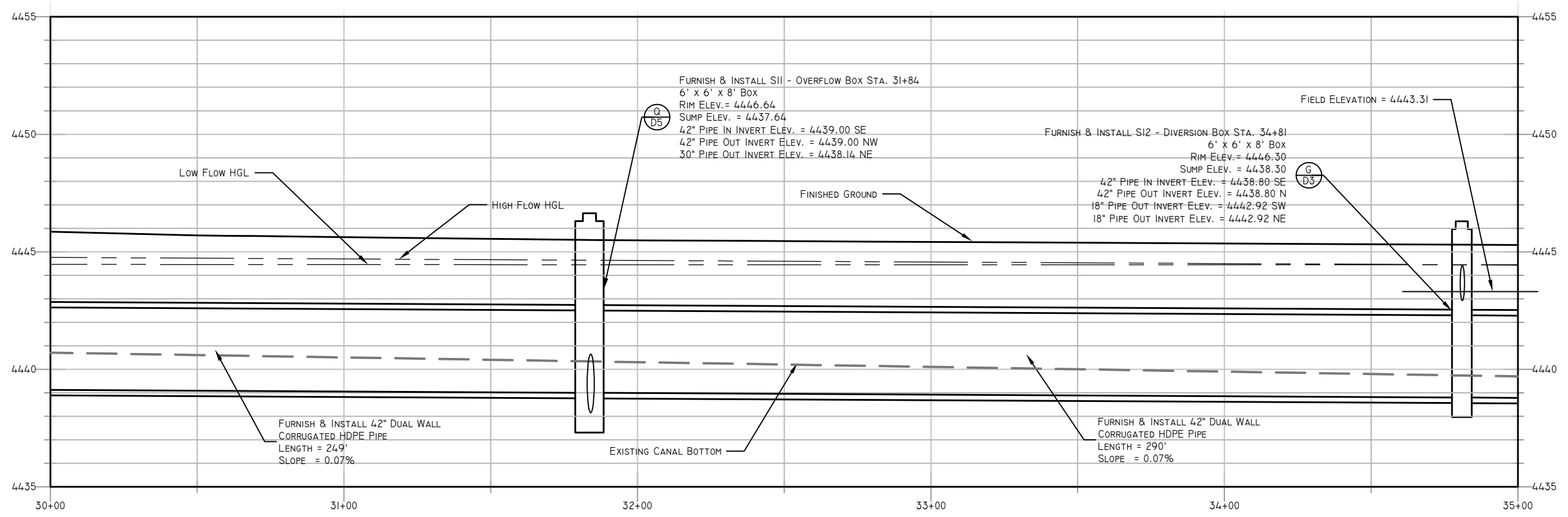
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Plot Date: 8/21/2024

02-079-0018
REED JR TR
BULLEN

02-079-0005
RICHARD T &
ANNETTE OSTERLIN



02-345-9002
WILLOW LAKE
HOLDINGS LLC



F MAIN CANAL PLAN AND PROFILE STA. 30+00 - 35+00

0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE

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1276 South 820 East, Suite 100
American Fork, UT 84003
T 801 756-0309 F 801 756-0481



DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON
DRAFTSMAN:	MATT GARR	REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INTS.	DESCRIPTION

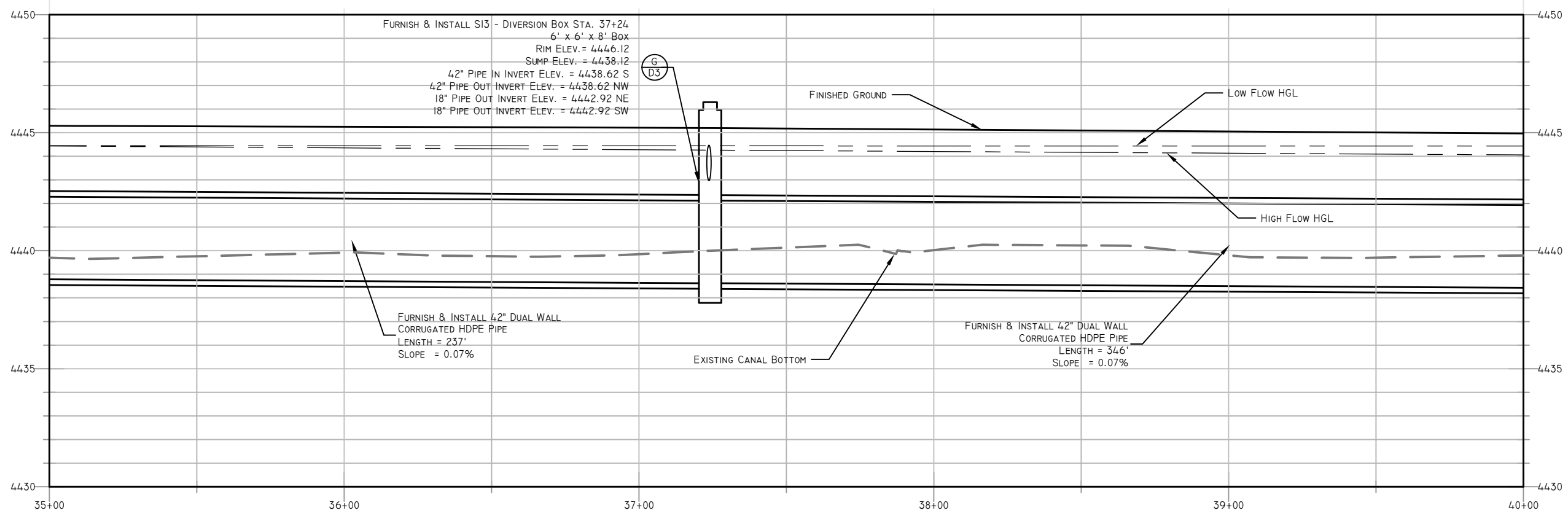
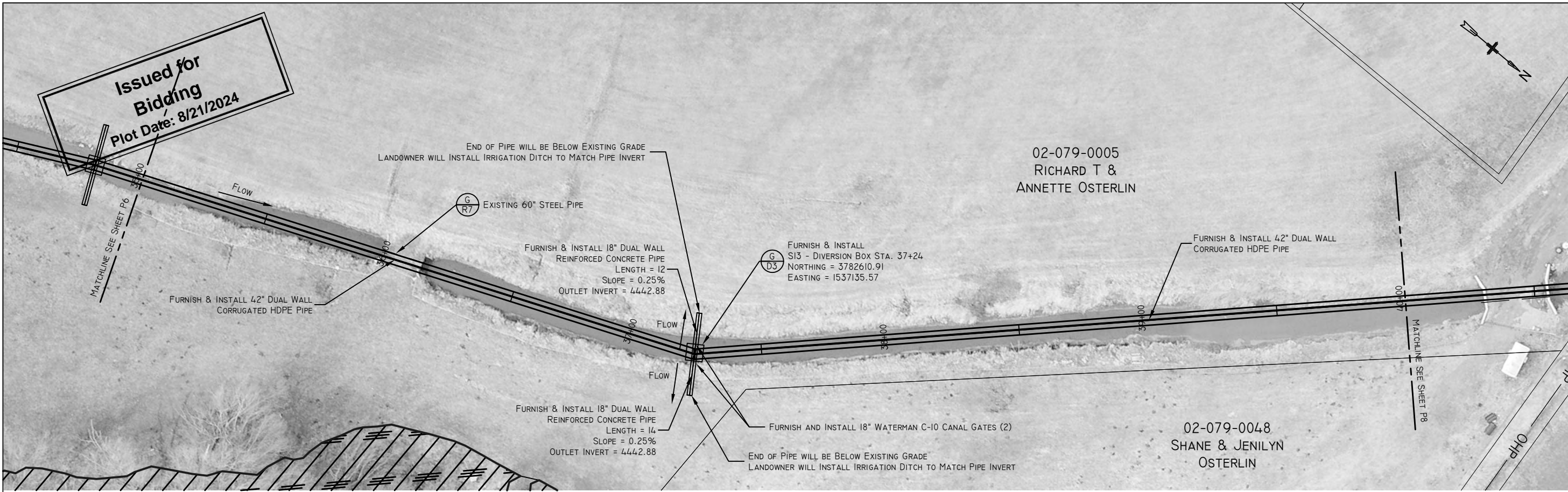
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 30+00 - 35+00

Pipe Network Plan and Profiles.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P6-20-25

JOB NO. 21093

SHEET
P6 OF P15

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Plot Date: 8/21/2024



G MAIN CANAL PLAN AND PROFILE STA. 35+00 - 40+00

0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE

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American Fork, UT 84003
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NO.	DATE	REVISIONS

DESIGNER:	ERIC FRANSON
DRAFTSMAN:	MATT GORR
CHECKED:	ERIC FRANSON
REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN
PRINT DATE:	AUGUST 21, 2024

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 35+00 - 40+00

Pipe Network Plan and Profiles.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P7.25-30

JOB NO. 21093

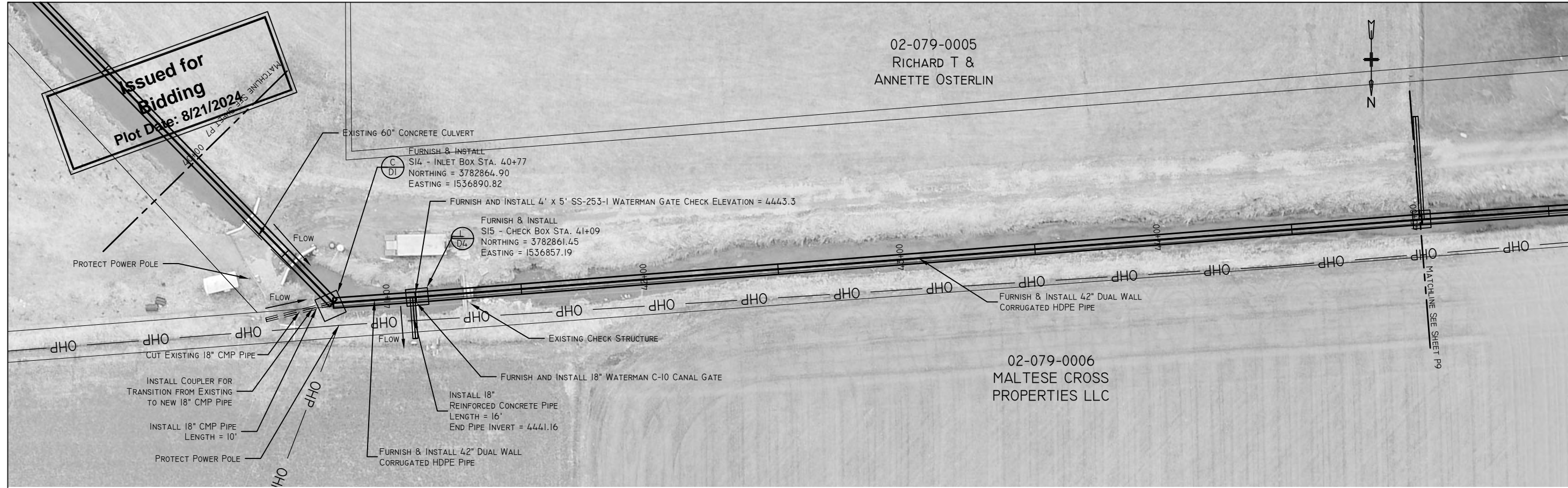
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P7 OF P15

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Plot Date: 8/21/2024

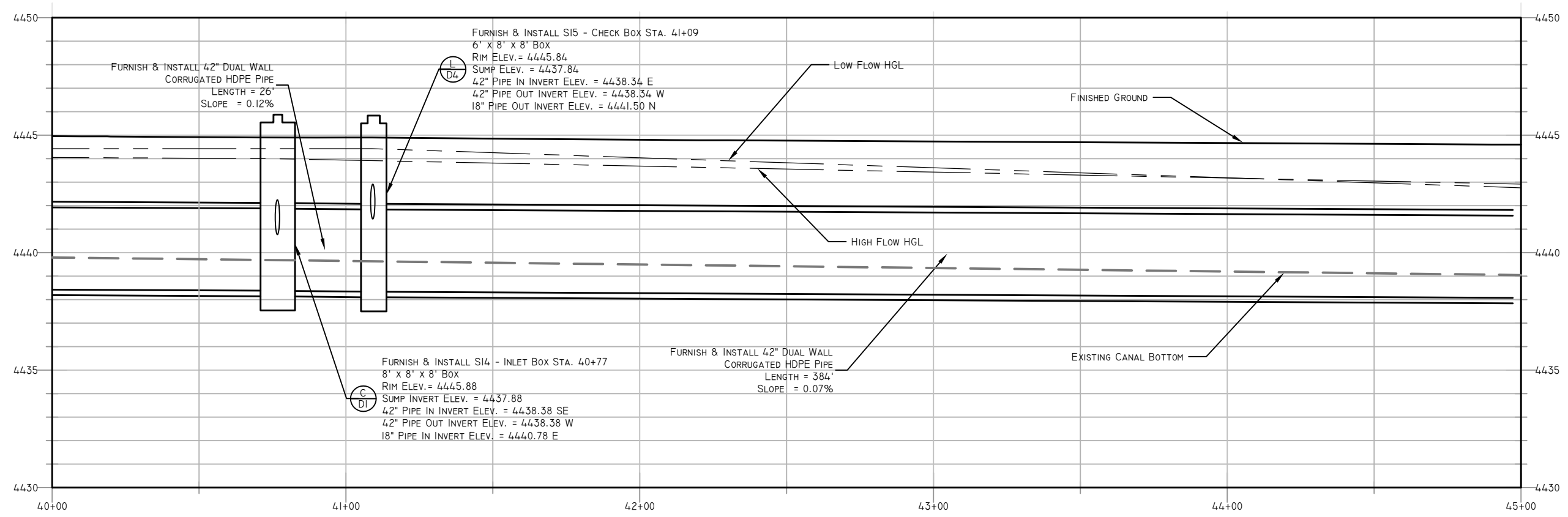
02-079-0005
RICHARD T &
ANNETTE OSTERLIN

FRANSON
CIVIL ENGINEERS

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02-079-0006
MALTESE CROSS
PROPERTIES LLC



H MAIN CANAL PLAN AND PROFILE STA. 40+00 - 45+00

0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE

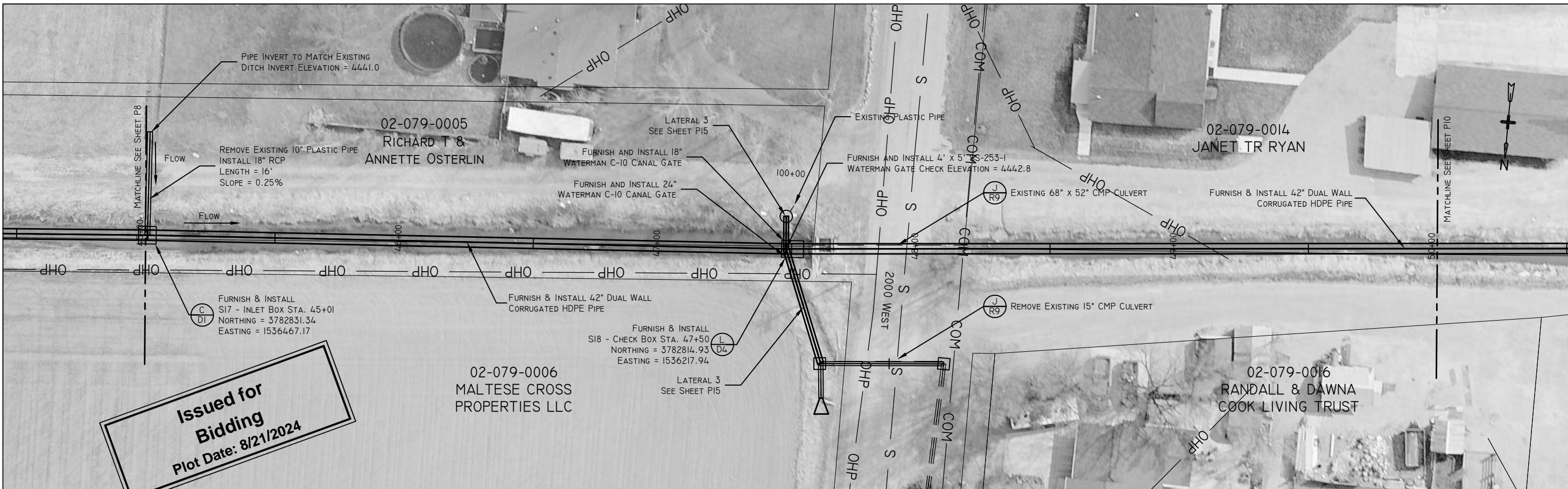
DESIGNER	DRAFTSMAN	NO.	DATE	INITIALS	DESCRIPTION
MARTIN NEILSEN	MATT GUM				
CHECKED	ERIC FRANSON				
PROJECT LEADER	CHAD BROWN				
PRINT DATE	AUGUST 21, 2024				

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 40+00 - 45+00

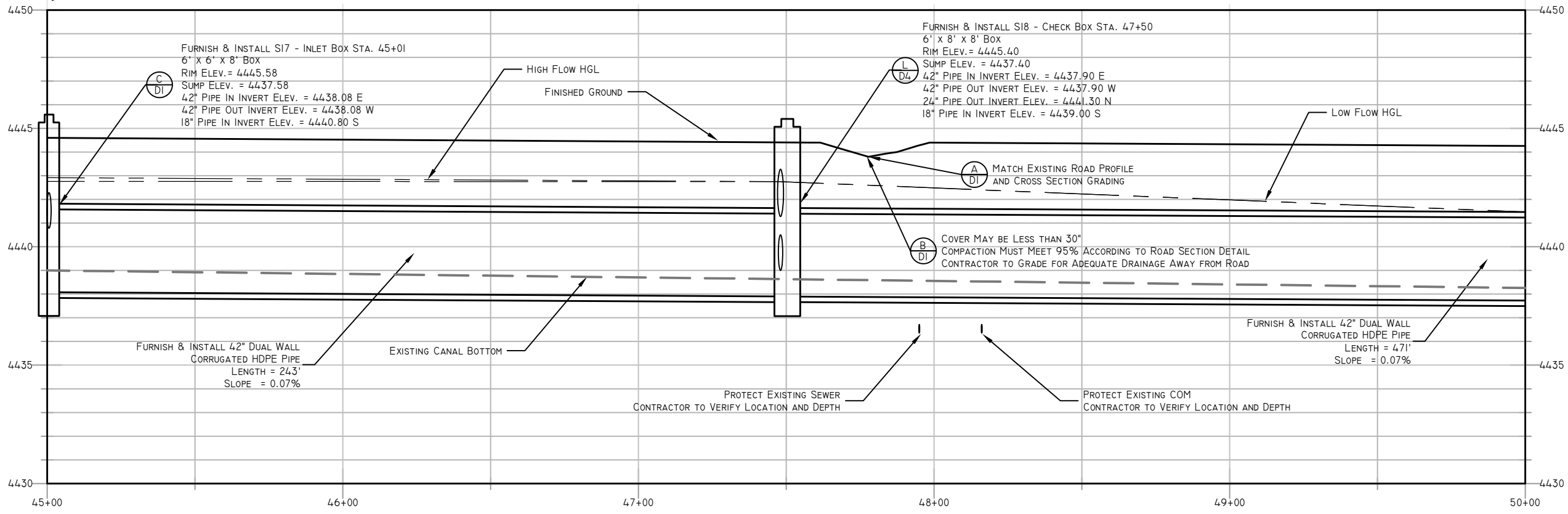
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Drawings
LAYOUT: PS 30-35

JOB NO. 21093

SHEET
P8 OF **P15**



Issued for Bidding
Plot Date: 8/21/2024



J MAIN CANAL PLAN AND PROFILE STA. 45+00 - 50+00

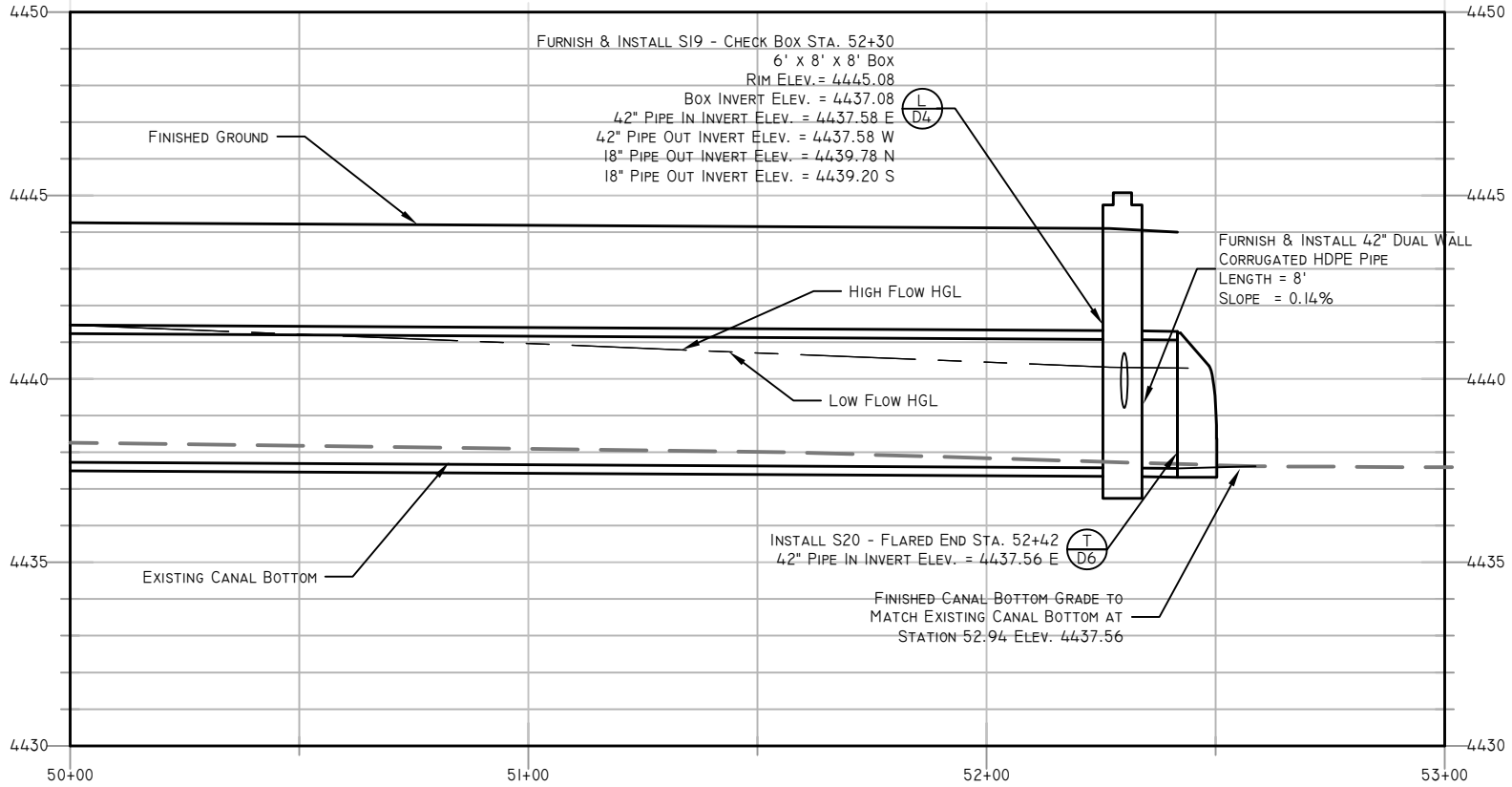
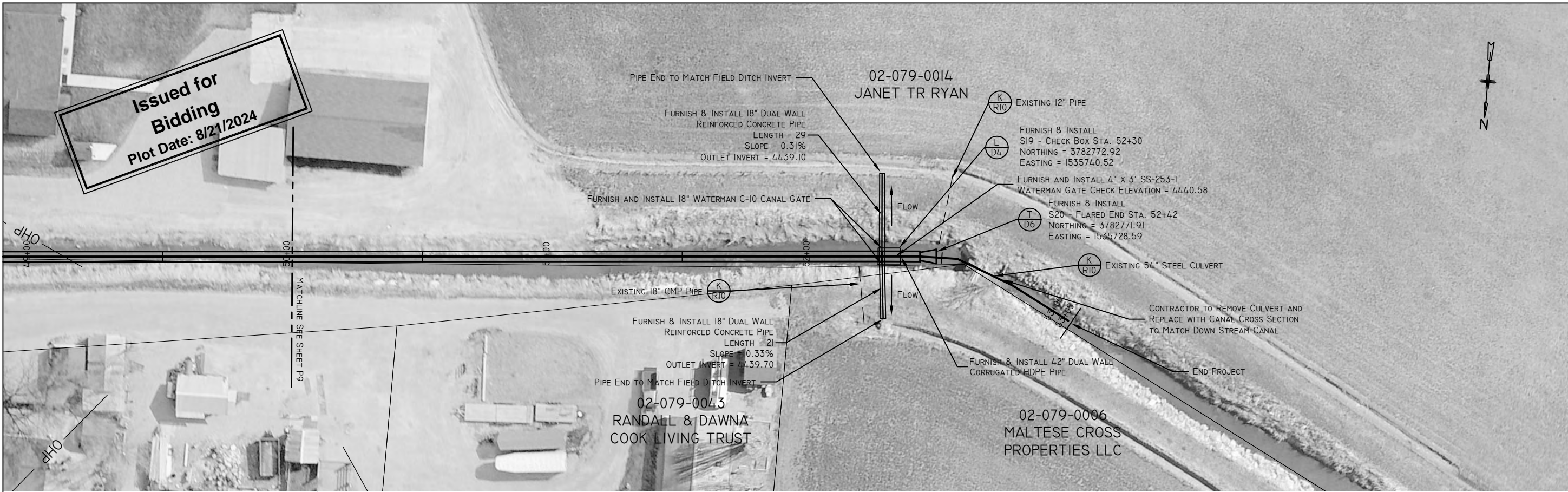
0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE



DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INTS.	DESCRIPTION

Issued for Bidding
Plot Date: 8/21/2024



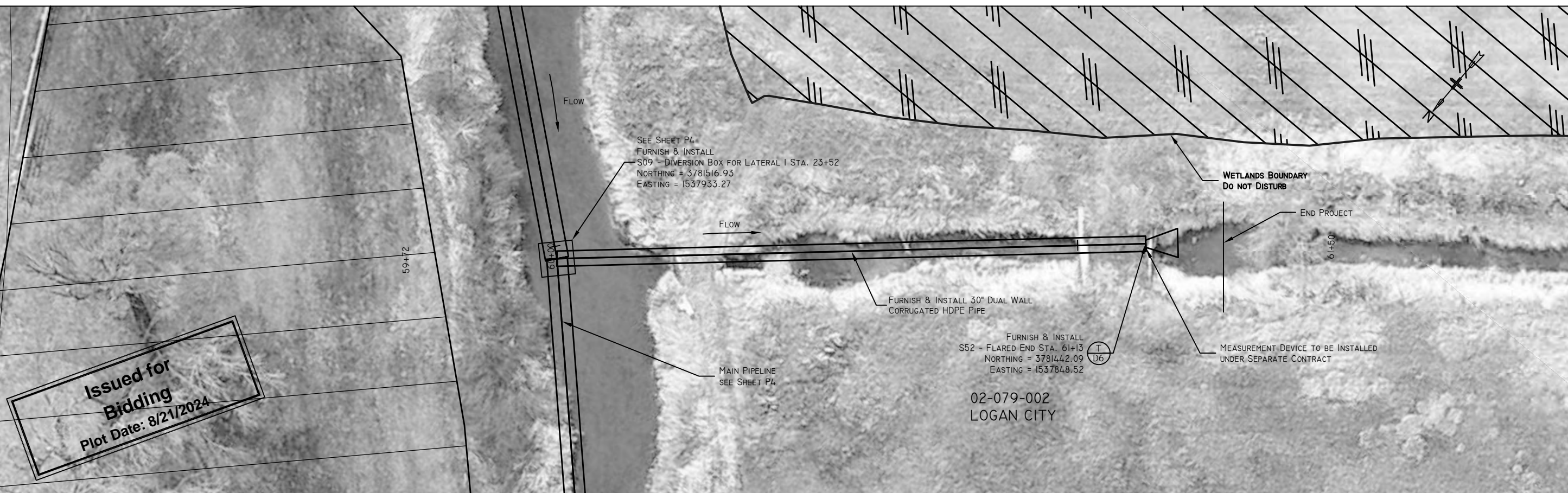
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HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE



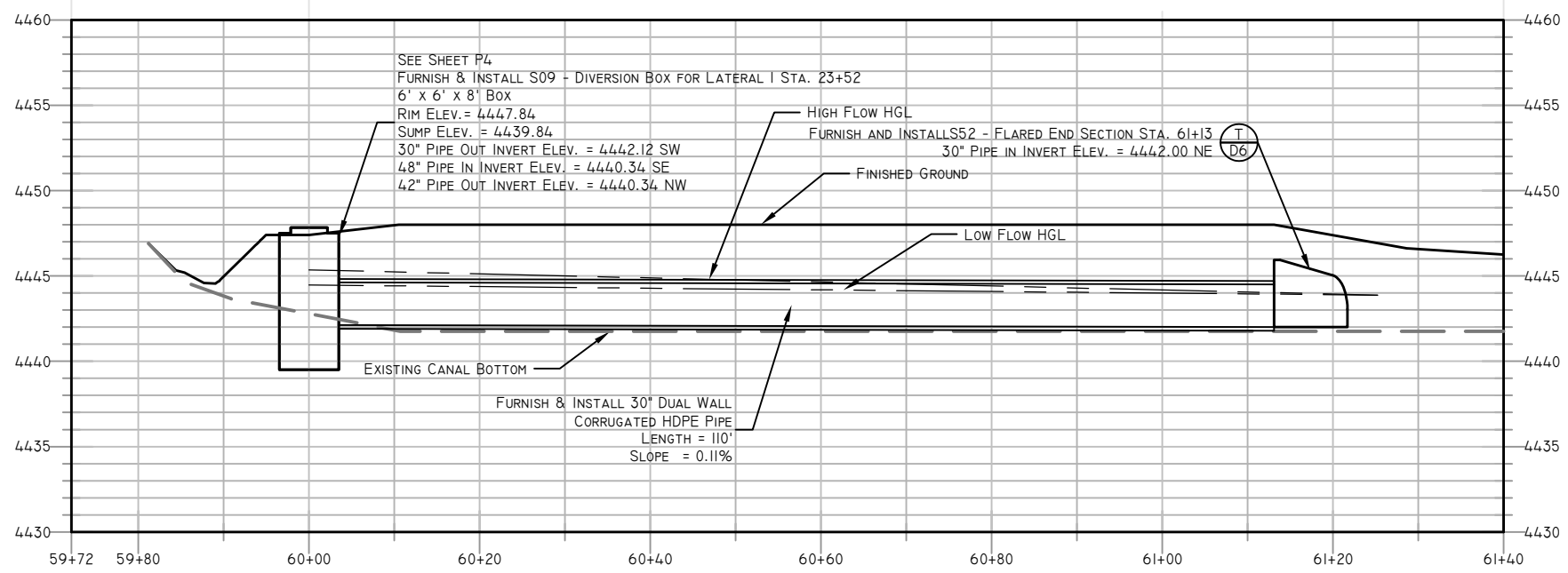
PROJECT LEADER:	CHAD BROWN		
PRINT DATE:	AUGUST 21, 2024		
CHECKED:	ERIC FRANSON		
REVIEWED:	MATT GURR		
DESIGNER:	MARTIN NEILSEN		
DRAFTSMAN:	MATT GURR		
NO.	DATE	INITIALS	DESCRIPTION



Issued for Bidding
 Plot Date: 8/21/2024

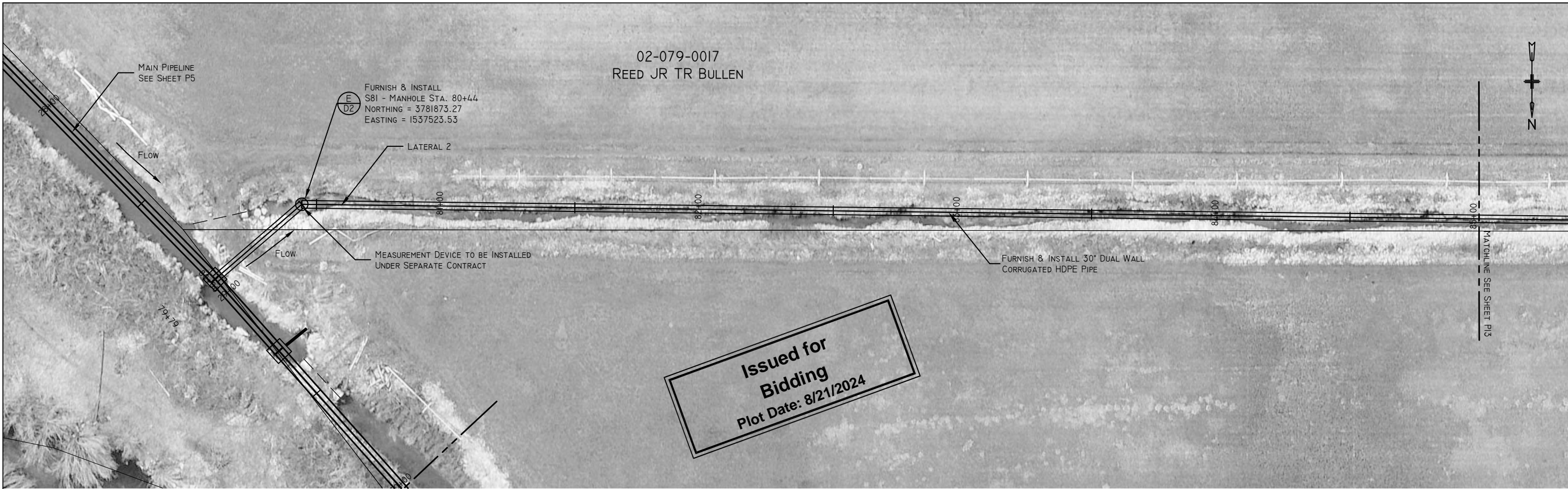


DESIGNER:	MARTIN NEUBER	
DRAFTSMAN:	MATT GURR	
CHECKED:	ERIC FRANSON	
REVIEWED:	ERIC FRANSON	
PROJECT LEADER:	CHAD BROWN	
PRINT DATE:	AUGUST 21, 2024	
NO.	DATE	DESCRIPTION

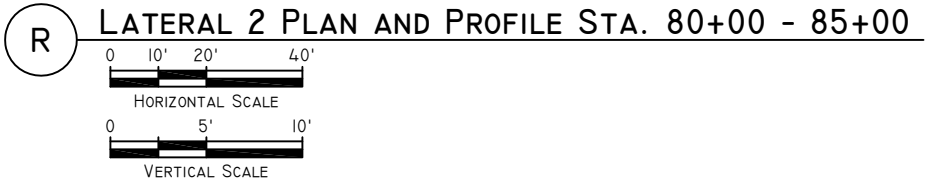
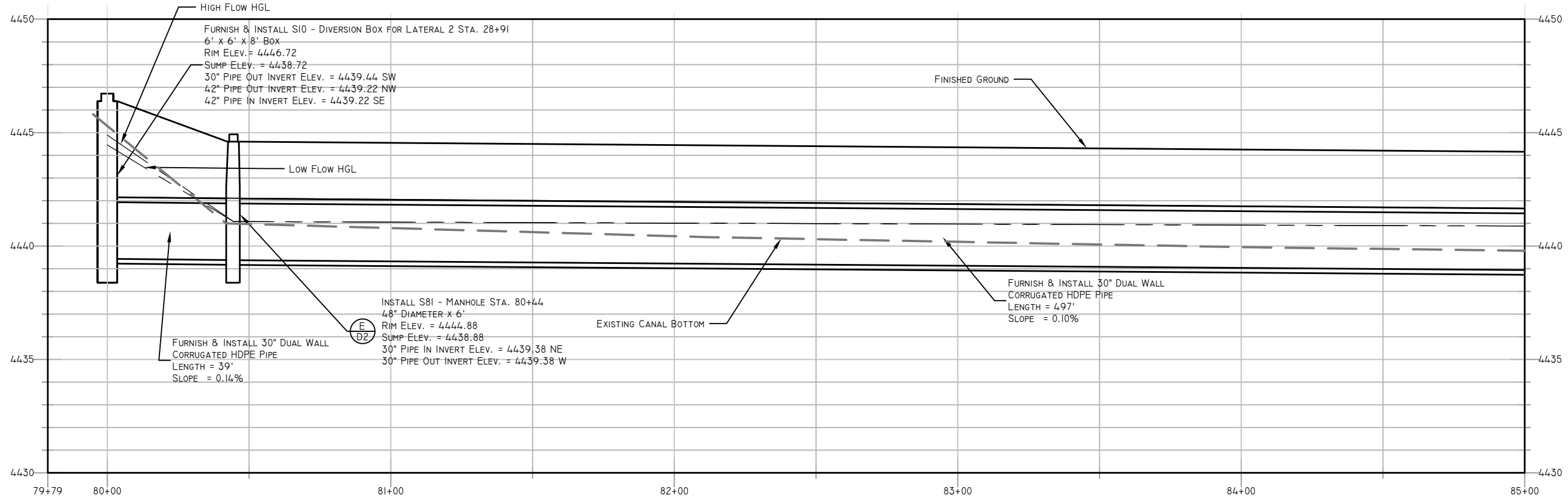


L LATERAL I PLAN AND PROFILE STA. 59+72 - 61+40
 0 5' 10' 20'
 HORIZONTAL SCALE
 0 2.5' 5' 10'
 VERTICAL SCALE

02-079-0017
 REED JR TR BULLEN



Issued for Bidding
 Plot Date: 8/21/2024



FRANSON
 CIVIL ENGINEERS



1276 South 820 East, Suite 100
 American Fork, UT 84003
 T 801 756-0309 F 801 756-0481

PROJECT LEADER:	CHAD BROWN	CHECKED:	ERIC FRANSON	REVISIONS
PRINT DATE:	AUGUST 21, 2024	REVIEWED:	MATT GURR	
DESIGNER:	MARTIN NEILSEN	NO.	DATE	DESCRIPTION
DRAFTSMAN:	MATT GURR			

CACHE WATER DISTRICT

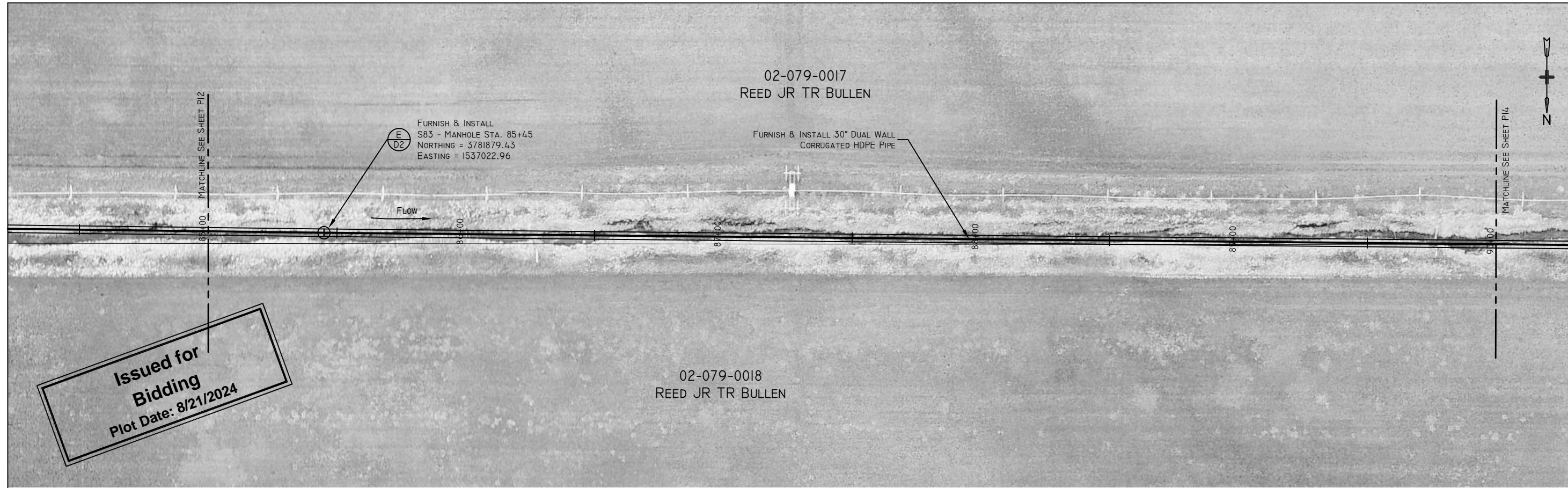
TRAPPER PARK CANAL PIPING

PLAN AND PROFILE STA. 80+00 - 85+00

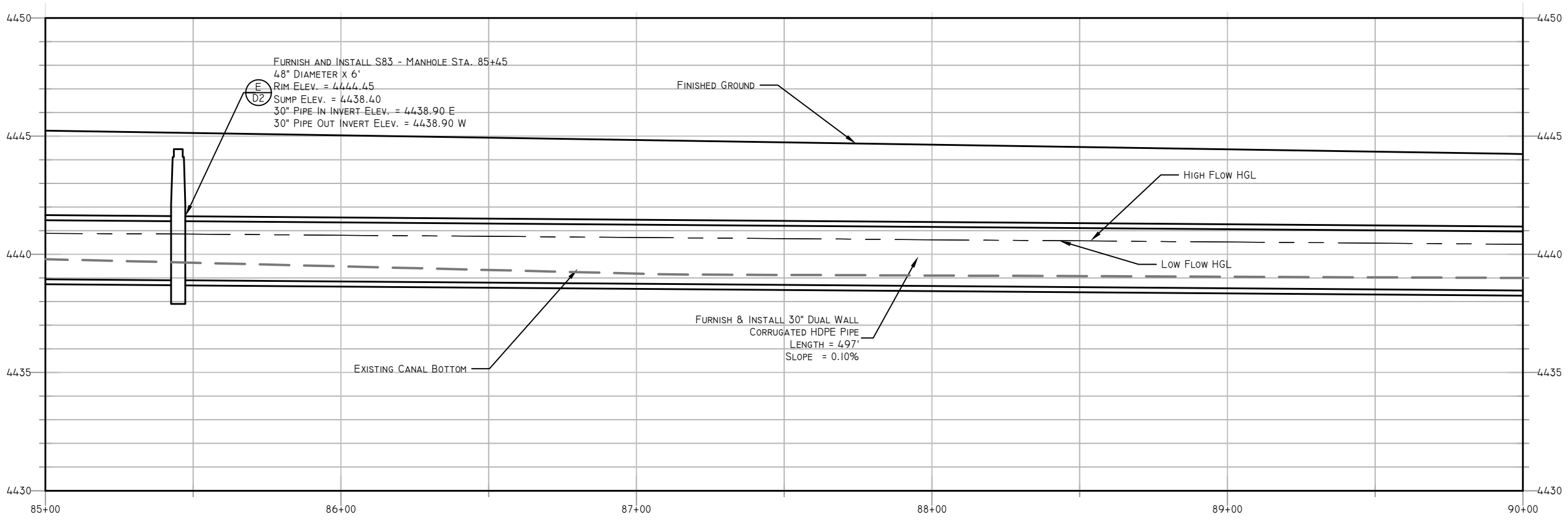
Pipe Network Plan and Profiles.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
 Drawings
 LAYOUT: P12.80-85

JOB NO. 21093

SHEET
P12 OF P15



Issued for Bidding
Plot Date: 8/21/2024



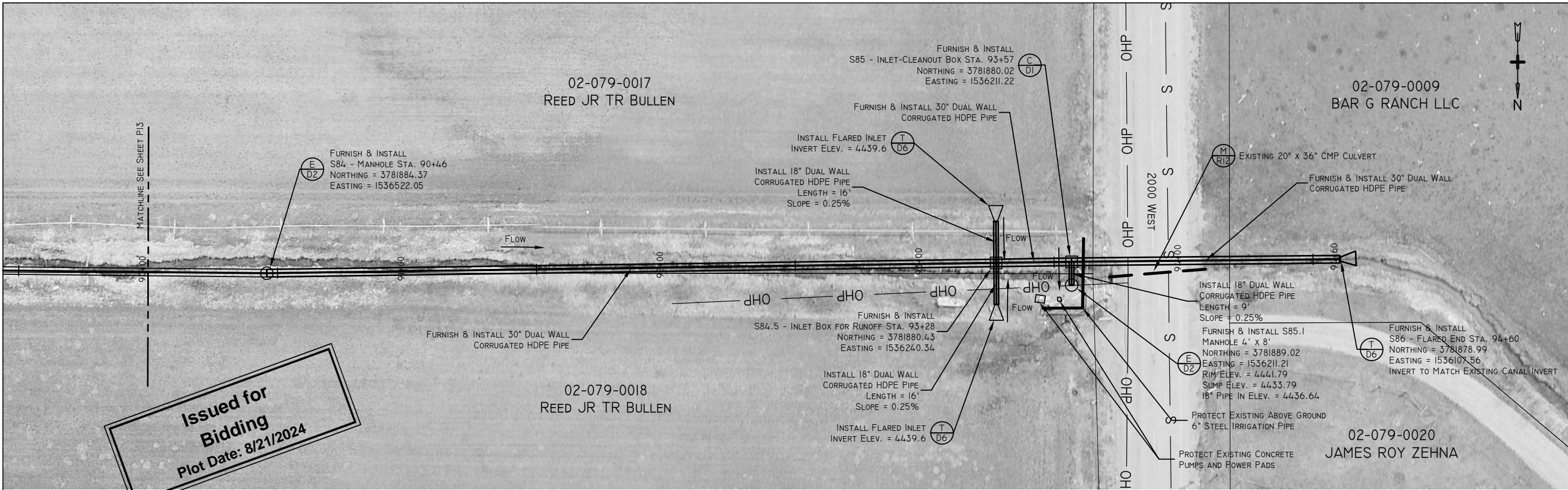
S LATERAL 2 PLAN AND PROFILE STA. 85+00 - 90+00

0 10' 20' 40'
HORIZONTAL SCALE

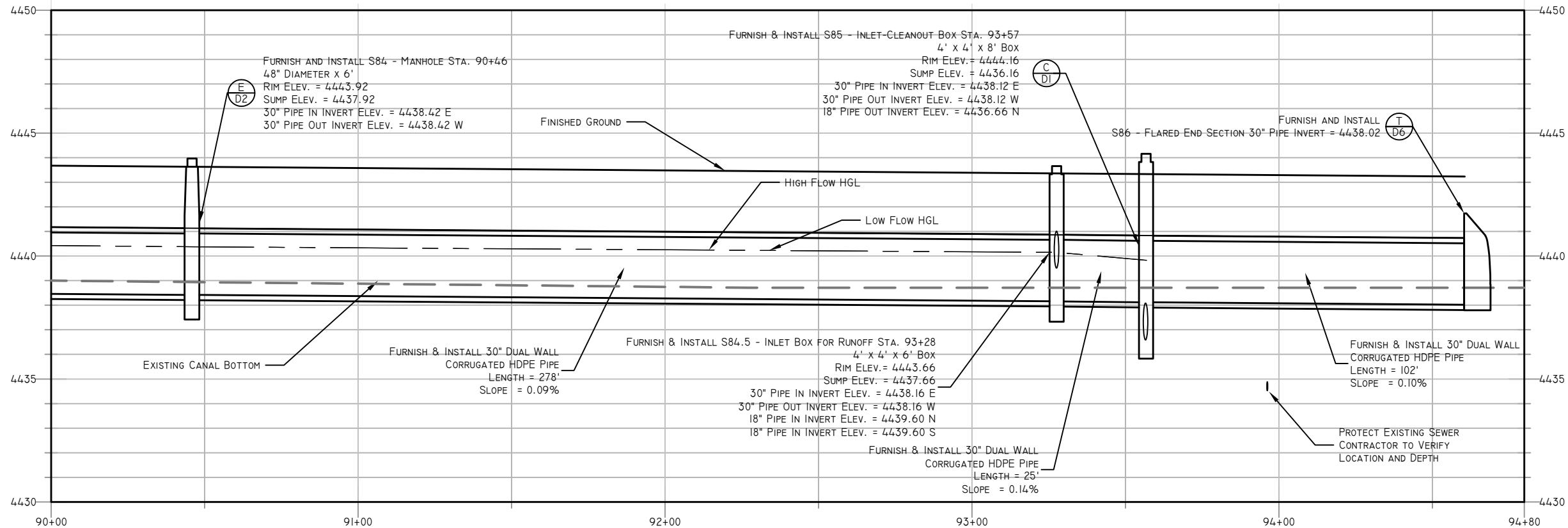
0 2.5' 5'
VERTICAL SCALE



DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION



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Plot Date: 8/21/2024



T LATERAL 2 PLAN AND PROFILE STA. 90+00 - 94+80

0 10' 20' 40'
HORIZONTAL SCALE

0 2.5' 5'
VERTICAL SCALE



NO.	DATE	INITIALS	DESCRIPTION

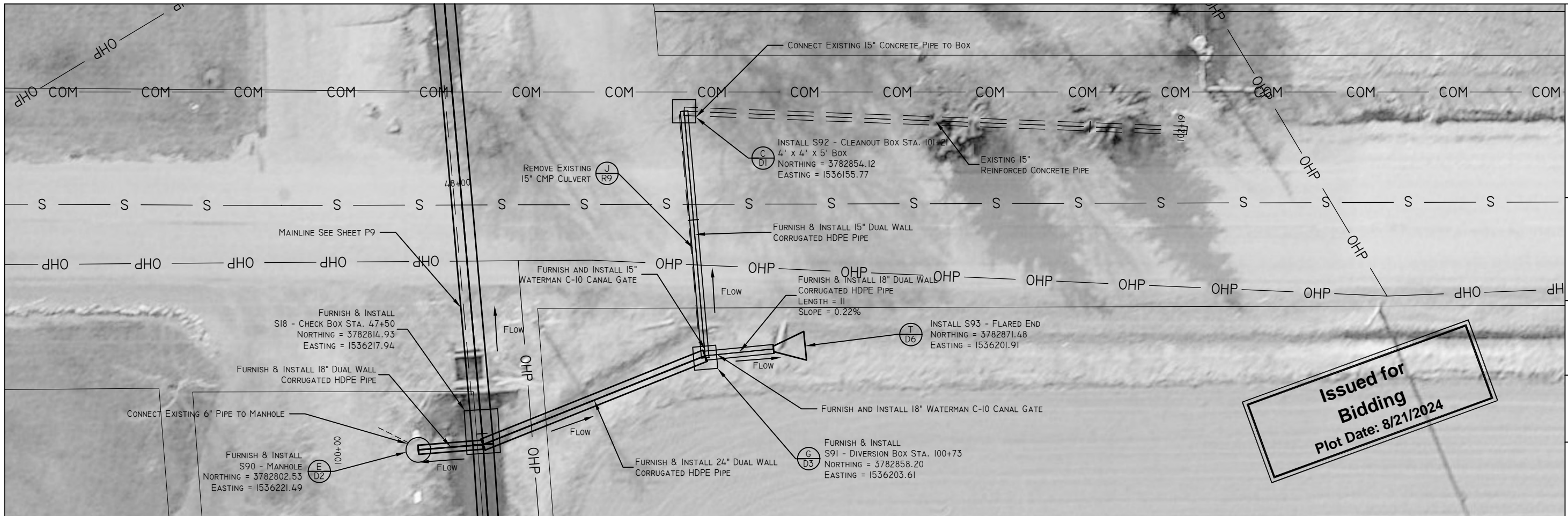
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
PLAN AND PROFILE STA. 90+00 - 94+80

DESIGNER: MARTIN NEILSEN
DRAFTSMAN: MATT GURR
CHECKED: ERIC FRANSON
REVIEWED: ERIC FRANSON

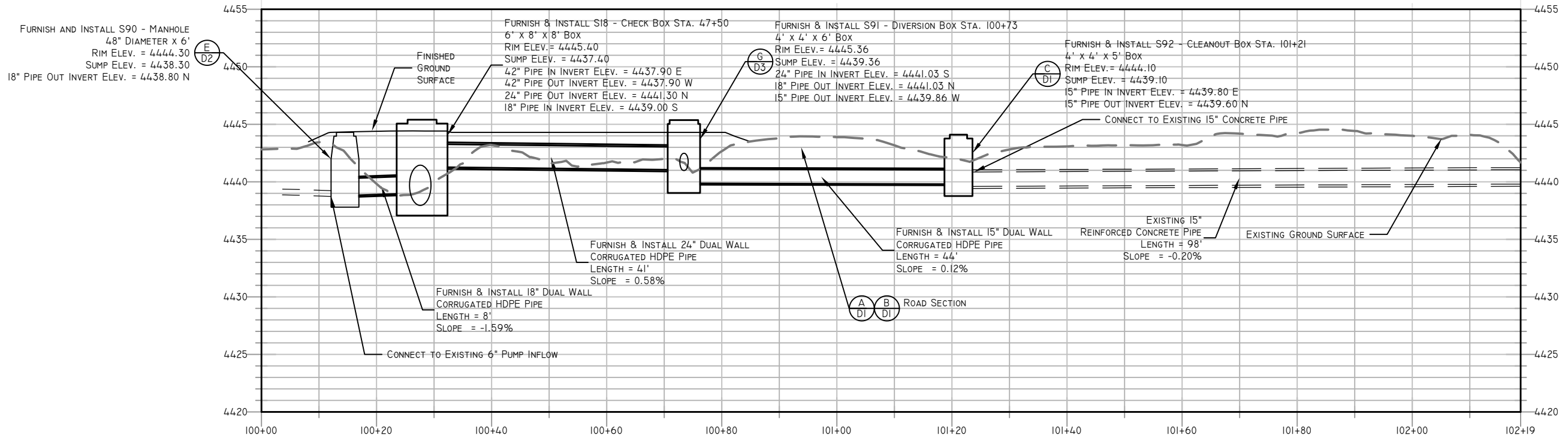
PROJECT LEADER: CHAD BROWN
PRINT DATE: AUGUST 21, 2024

Pipe Network Plan and Profiles.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P14.90-95

JOB NO. 21093
SHEET PI4 OF P15



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Plot Date: 8/21/2024



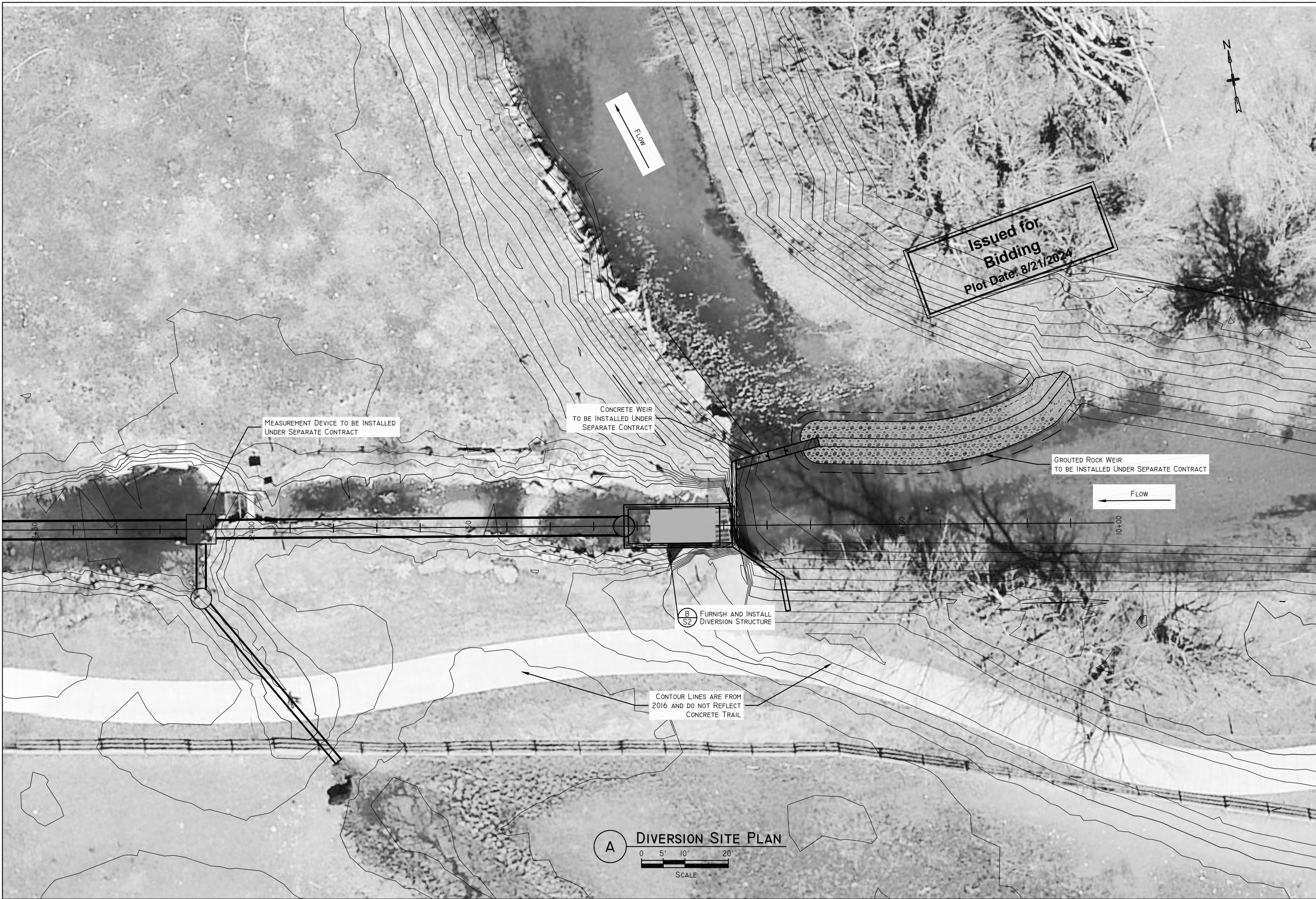
U LATERAL 3 PLAN AND PROFILE STA. 100+00 - 102+19

0 5' 10' 20'
HORIZONTAL SCALE

0 2.5' 5' 10'
VERTICAL SCALE



NO.	DATE	DESCRIPTION



A DIVERSION SITE PLAN
 0 5' 10' 20'
 SCALE

Issued for Bidding
 Plot Date: 8/21/2024


MEASUREMENT DEVICE TO BE INSTALLED UNDER SEPARATE CONTRACT

CONCRETE WEIR TO BE INSTALLED UNDER SEPARATE CONTRACT

GROUTED ROCK WEIR TO BE INSTALLED UNDER SEPARATE CONTRACT


B S2 FURNISH AND INSTALL DIVERSION STRUCTURE

CONTOUR LINES ARE FROM 2016 AND DO NOT REFLECT CONCRETE TRAIL



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 T 801 756-0309 F 801 756-0481



NO.	DATE	DESCRIPTION

DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024

CACHE WATER DISTRICT

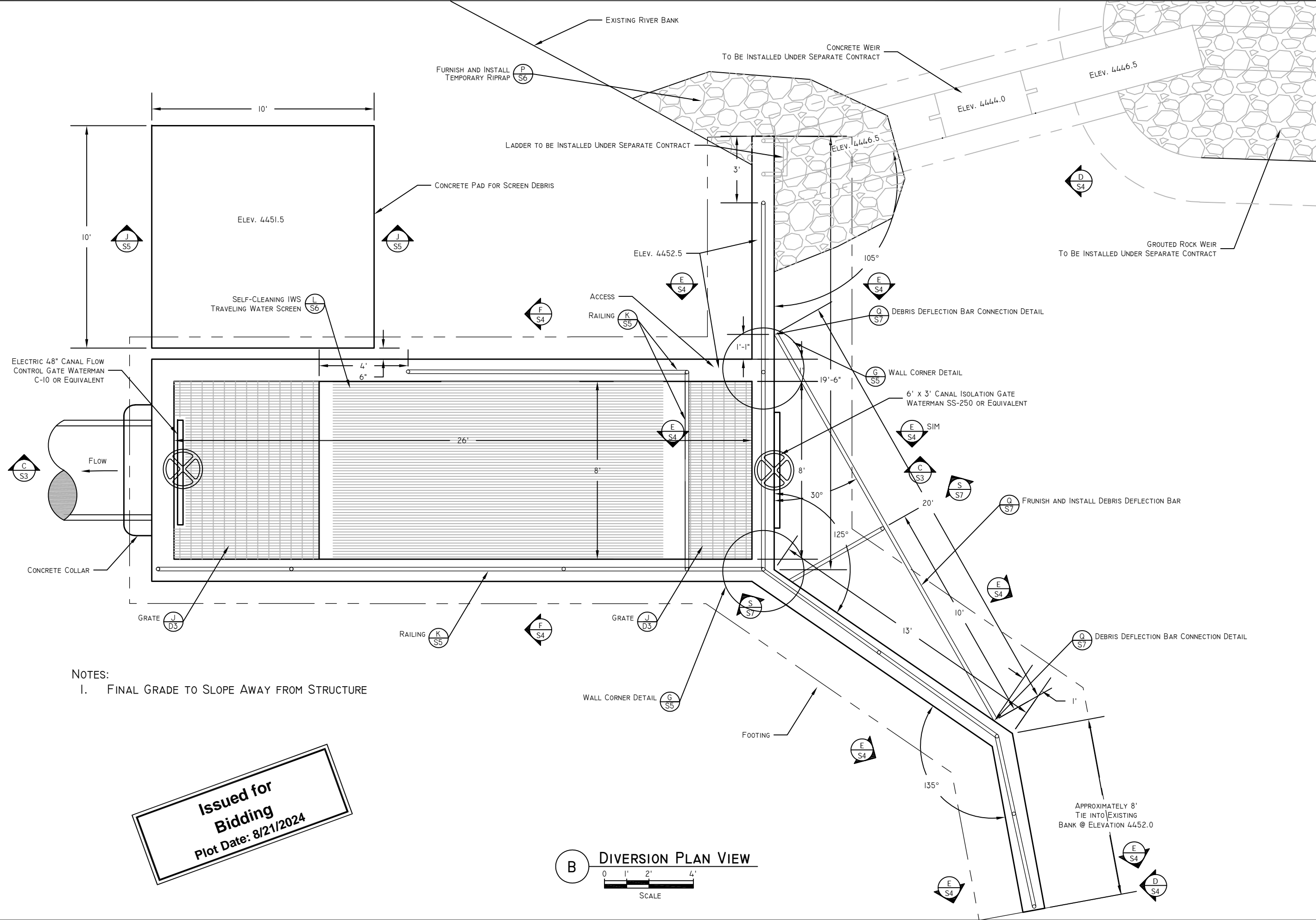
TRAPPER PARK CANAL PIPING

DIVERSION STRUCTURE SITE PLAN

Diversion Structure.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
 LAYOUT: Plan

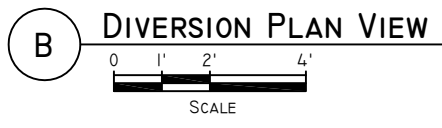
JOB NO. 21093

SHEET 01 OF 08



NOTES:
 I. FINAL GRADE TO SLOPE AWAY FROM STRUCTURE

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 Plot Date: 8/21/2024



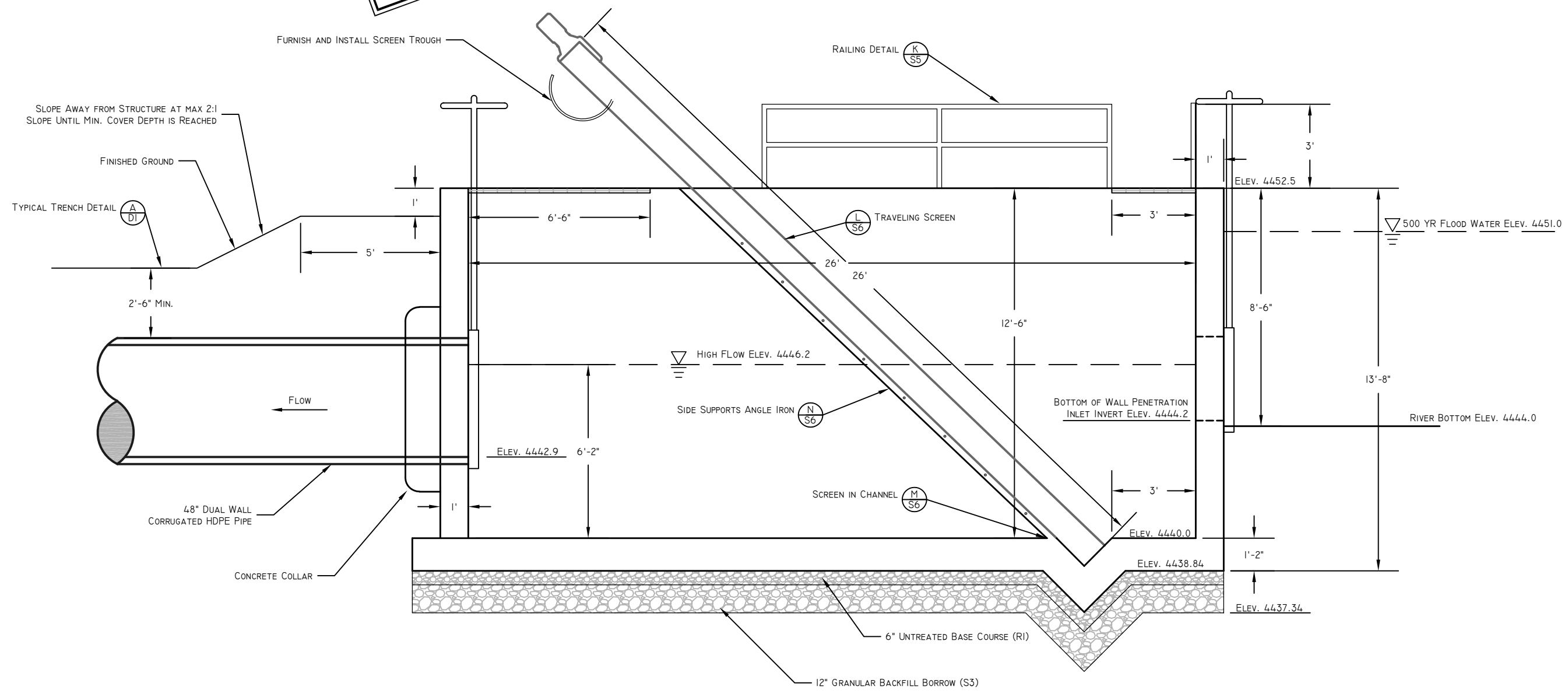
FRANSON CIVIL ENGINEERS
 1276 South 820 East, Suite 100
 American Fork, UT 84003
 T 801 756-0309 F 801 756-0481



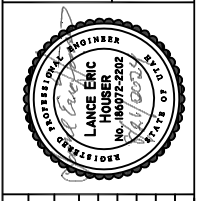
PROJECT LEADER:	CRAIG BROWN		
PRINT DATE:	AUGUST 21, 2024		
CHECKED:	ERIC FRANSON		
REVIEWED:	MATT GURR		
DESIGNER:	MARTIN NEUBER		
DRAFTSMAN:	MATT GURR		
NO.	DATE	INTS.	DESCRIPTION

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING DIVERSION STRUCTURE PLAN
 Diversion Structure.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
 Drawings LAYOUT: Plan View

Issued for Bidding
Plot Date: 8/21/2024

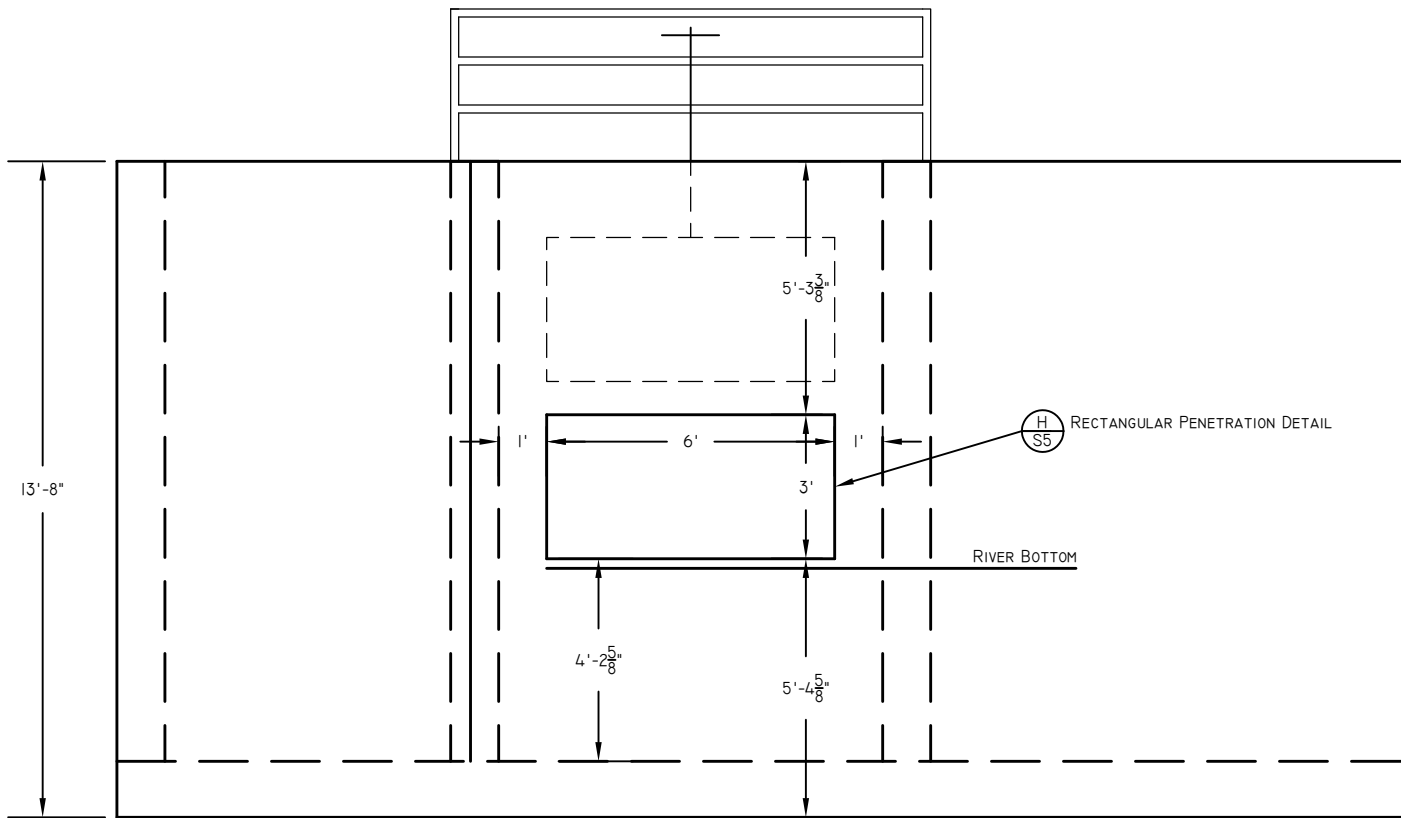


(C) DIVERSION PROFILE
0 1' 2' 4'
SCALE

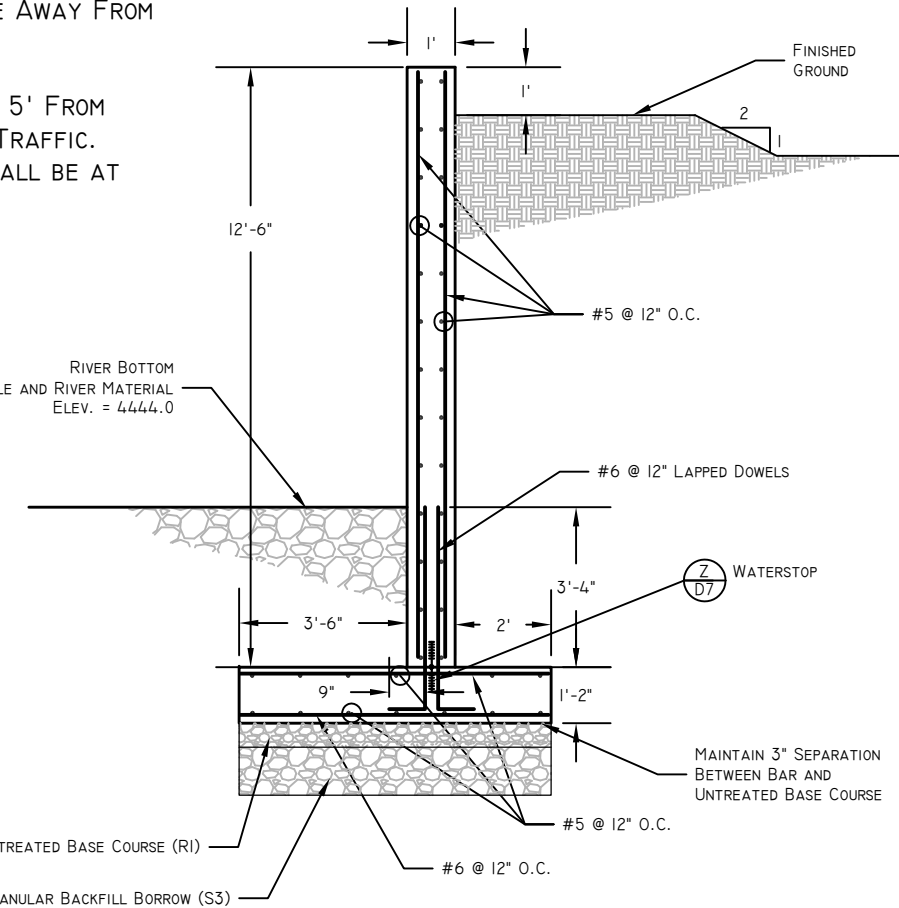


DESIGNER:	MARTIN NEUBEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION	NO.	DATE

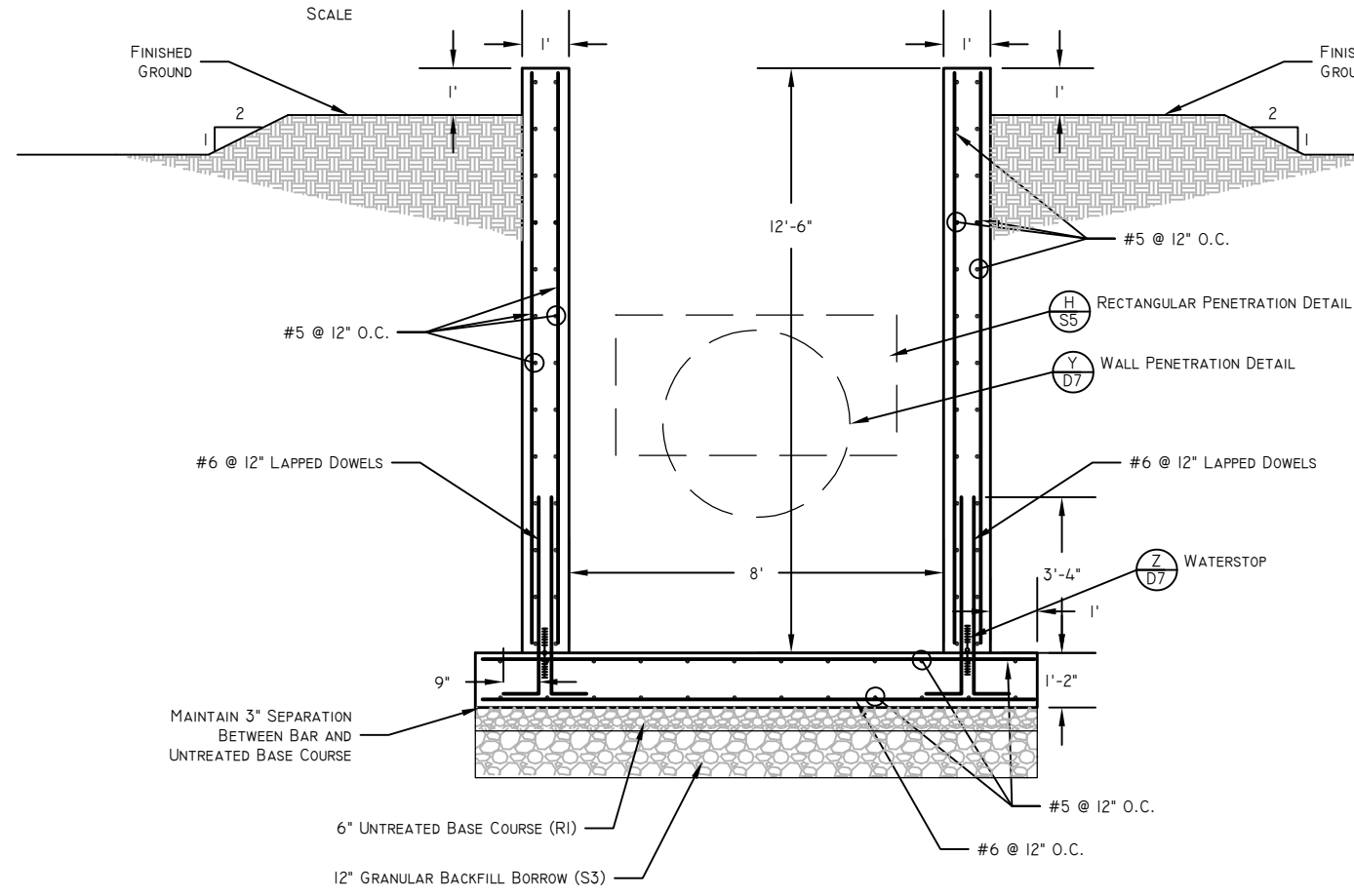
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DIVERSION STRUCTURE PROFILE
Diversion Structure.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: Profile
JOB NO. 21093



- NOTES:
1. FINAL GRADE TO SLOPE AWAY FROM STRUCTURE.
 2. MAX SLOPE 2:1.
 3. MAINTAIN FLAT GRADE 5' FROM STRUCTURE FOR FOOT TRAFFIC.
 4. PERCENTAGE OF TIE SHALL BE AT LEAST 50%



D DIVERSION VIEW
 0 1' 2' 4'
 SCALE



F STRUCTURE SECTION
 NOT TO SCALE

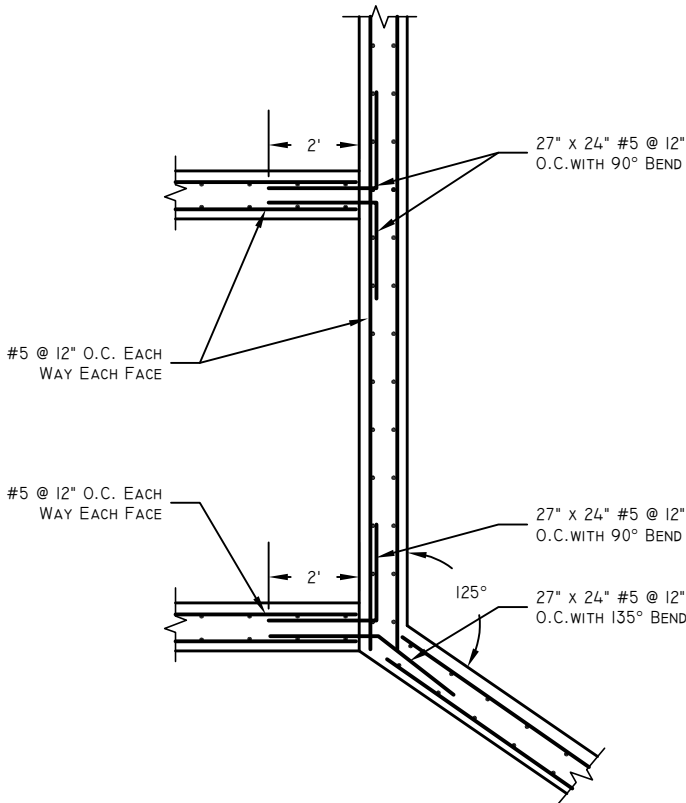
E WINGWALL SECTION
 NOT TO SCALE

Issued for
 Bidding
 Plot Date: 8/21/2024



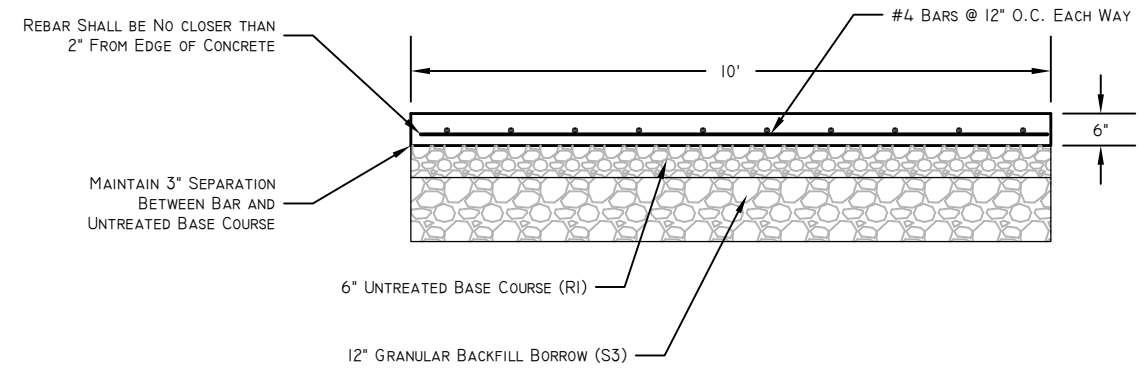
DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	DESCRIPTION	

Issued for Bidding
 Plot Date: 8/21/2024

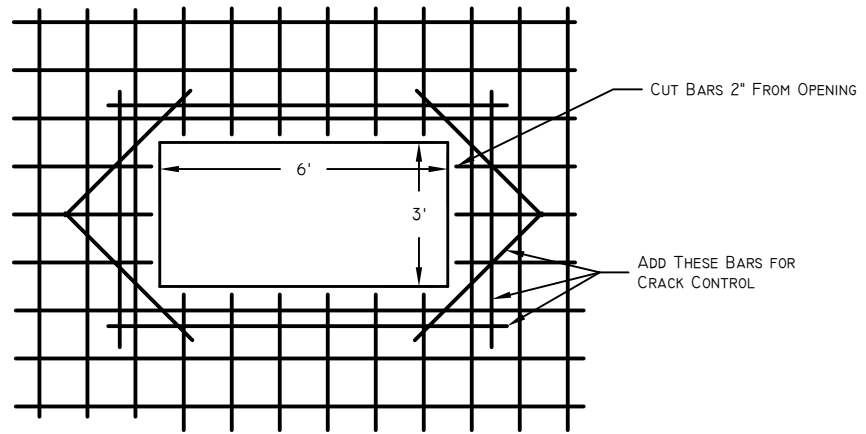


G WALL CORNER DETAIL
NOT TO SCALE

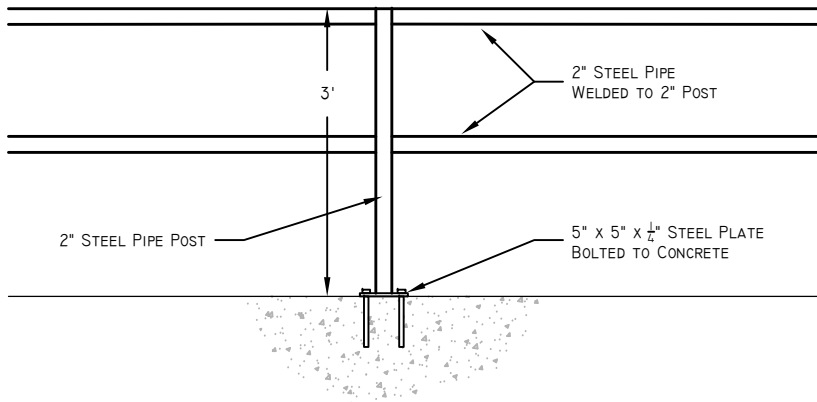
NOTE: PERCENTAGE OF TIE SHALL BE AT LEAST 50%



J CONCRETE PAD SECTION
NOT TO SCALE



H RECTANGULAR PENETRATION DETAIL
NOT TO SCALE



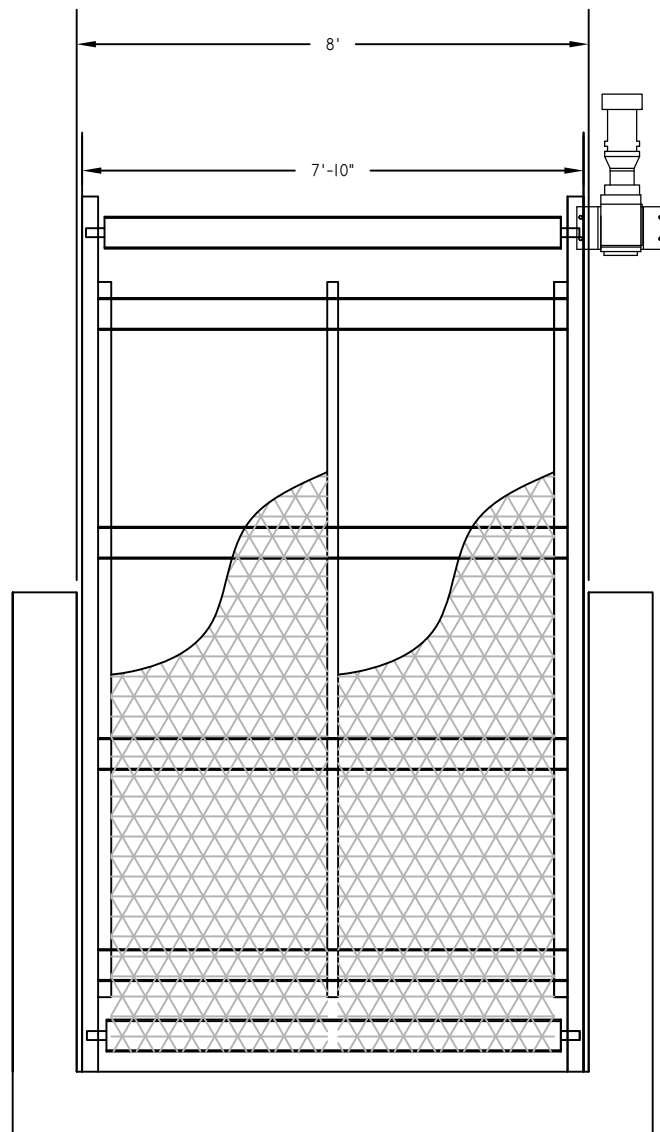
NOTE: ALL EXPOSED METAL SHALL BE GALVANIZED

K RAILING DETAIL
NOT TO SCALE

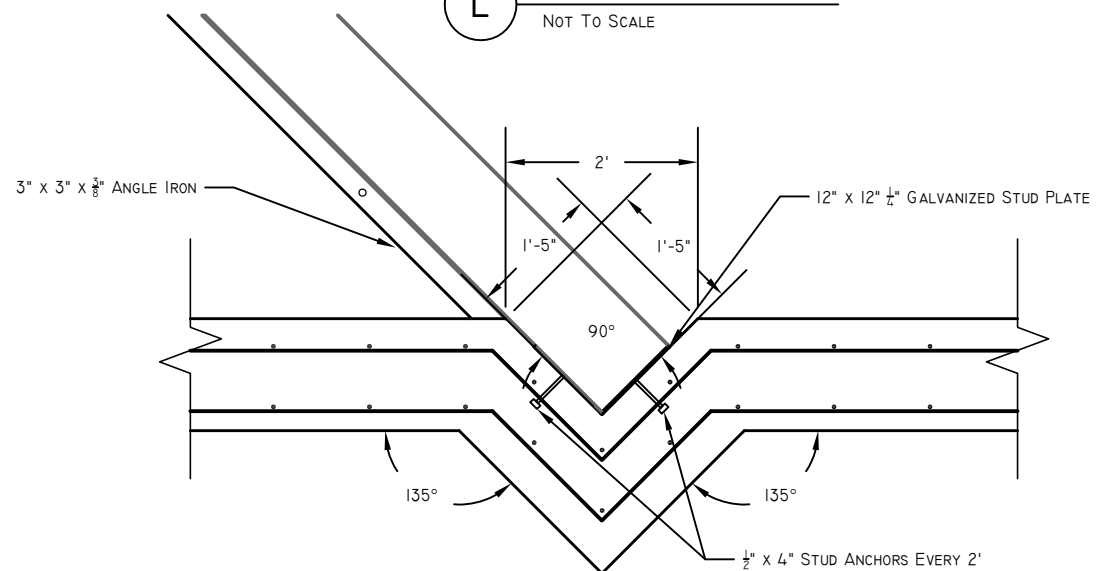


NO.	DATE	INITIALS	DESCRIPTION

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DIVERSION STRUCTURE STRUCTURAL DETAILS
 Diversion Structure.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
 Drawings
 LAYOUT: Structure
 JOB NO. 21093

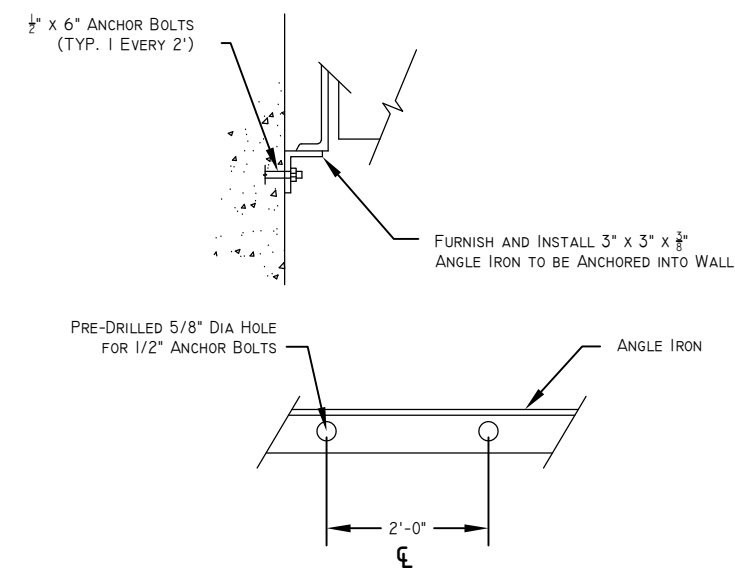


L TRAVELING SCREEN
NOT TO SCALE



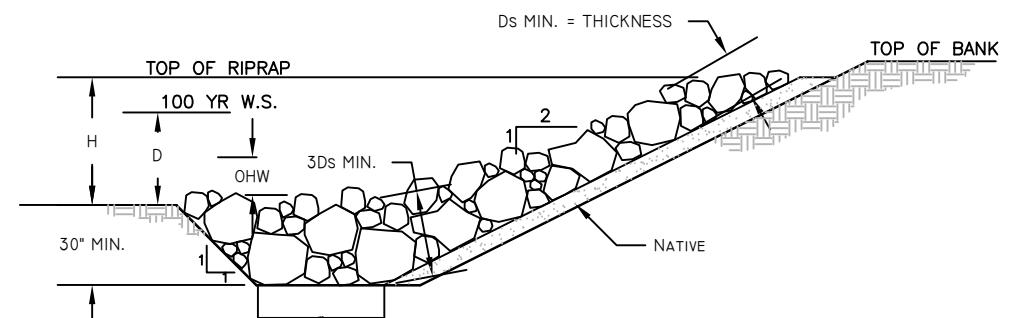
M SCREEN IN CHANNEL
NOT TO SCALE

Issued for Bidding
Plot Date: 8/21/2024



N SIDE SUPPORTS ANGLE IRON
NOT TO SCALE

NOTES:
1. CLEAR ANY OVERHANGING WILLOWS, TREES, AND OTHER BRUSH WITHOUT COMPLETELY REMOVING THE VEGETATION AND ROOTS FROM THE BANK. REMOVE EXISTING OBSTRUCTIONS SUCH AS LARGE TREES, BOULDERS, CAR BODIES AND CABLES FROM THE STREAM CHANNEL BEFORE SHAPING THE BANK.



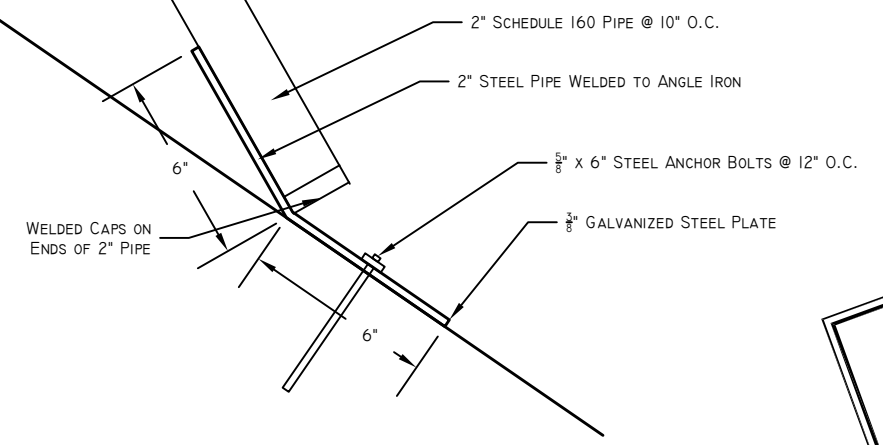
P TEMPORARY RIPRAP
NOT TO SCALE

NOTES: SEE SPECIFICATIONS FOR RIPRAP GRADATION



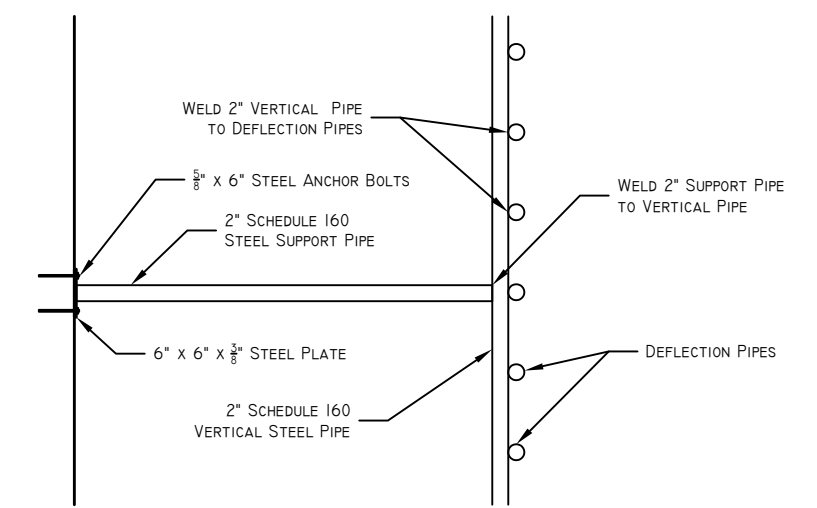
DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		

NOTES: ALL EXPOSED STEEL TO BE GALVANIZED

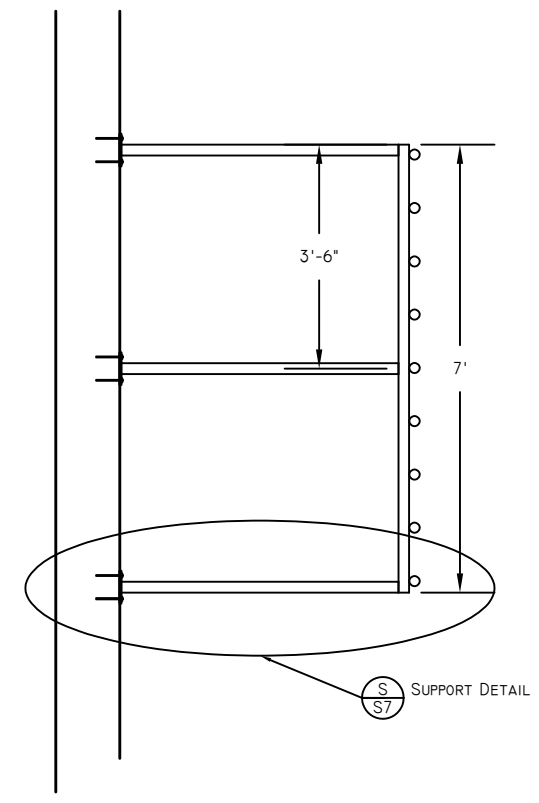


Q DEBRIS DEFLECTION BAR CONNECTION DETAIL
NOT TO SCALE

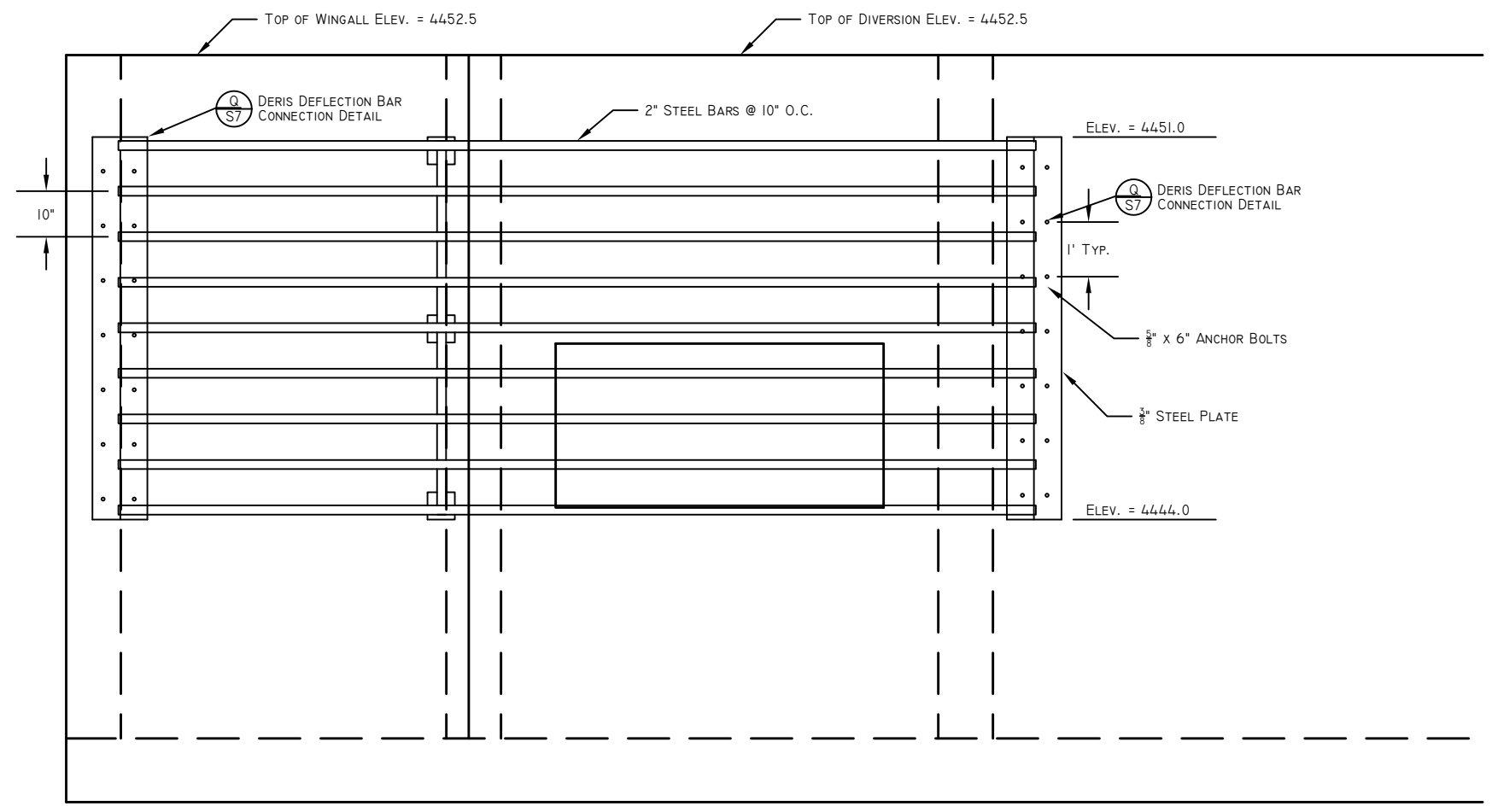
Issued for Bidding
 Plot Date: 8/21/2024



S SUPPORT DETAIL
NOT TO SCALE



R DEFLECTION BAR SUPPORT SECTION
NOT TO SCALE



T DEBRIS DEFLECTION BAR SPACING DETAIL
NOT TO SCALE

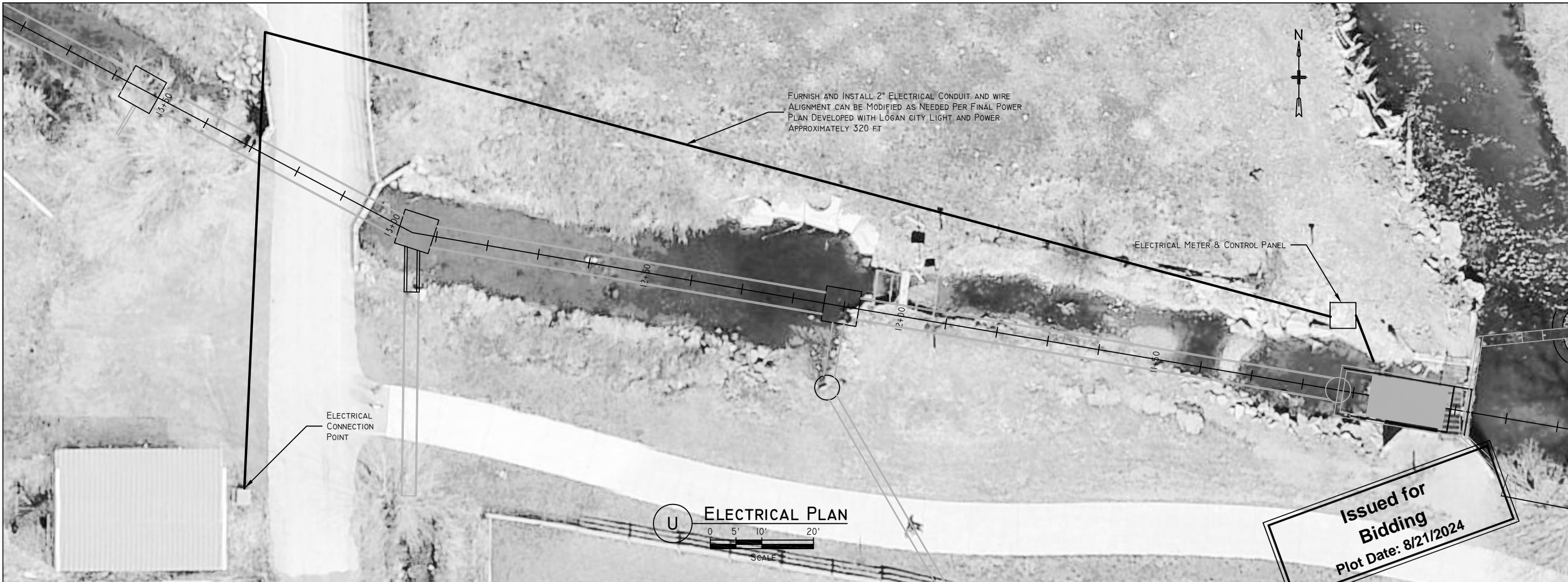


NO.	DATE	INITIALS	DESCRIPTION

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEFLECTION BAR DETAILS

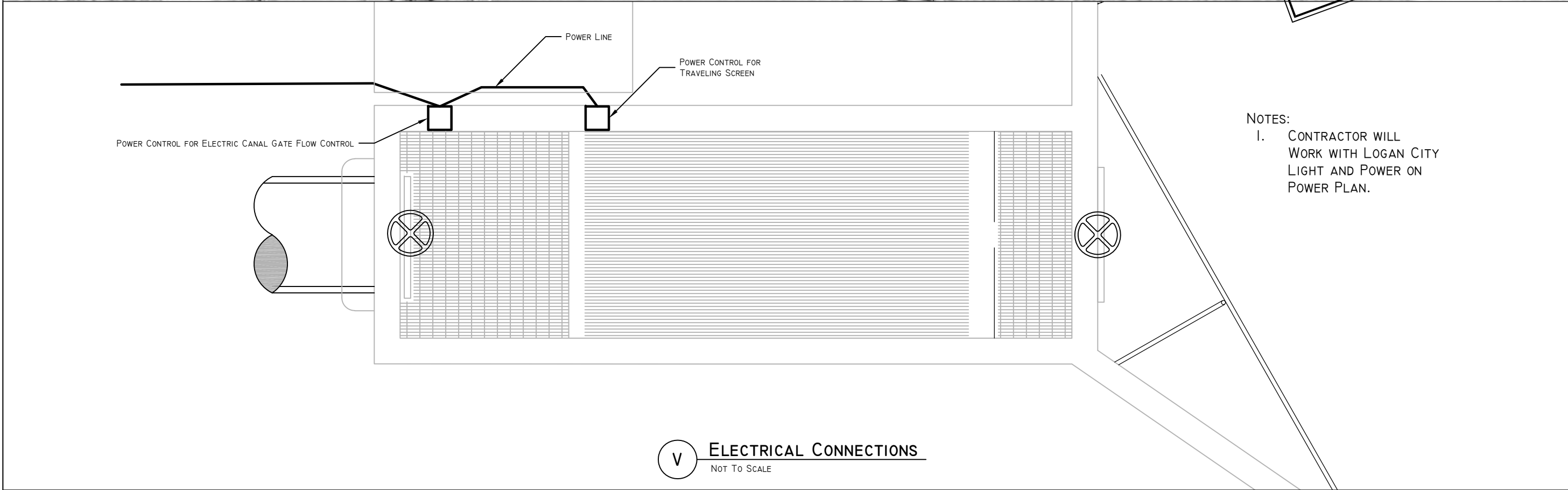
Division Structure.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
 LAYOUT: Deflection Bar

JOB NO.
21093



U ELECTRICAL PLAN
 0 5' 10' 20'
 SCALE

Issued for Bidding
 Plot Date: 8/21/2024

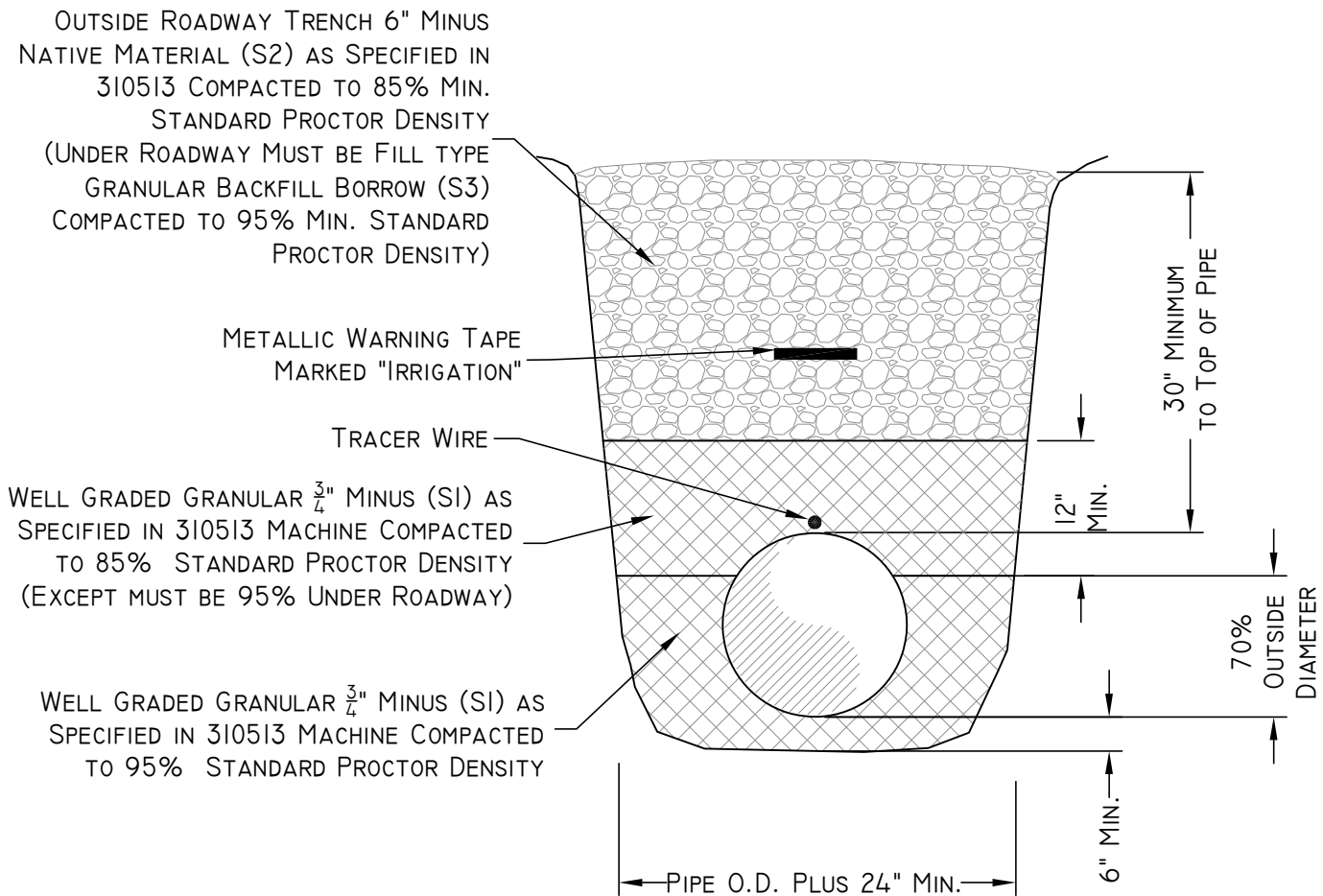


V ELECTRICAL CONNECTIONS
 NOT TO SCALE



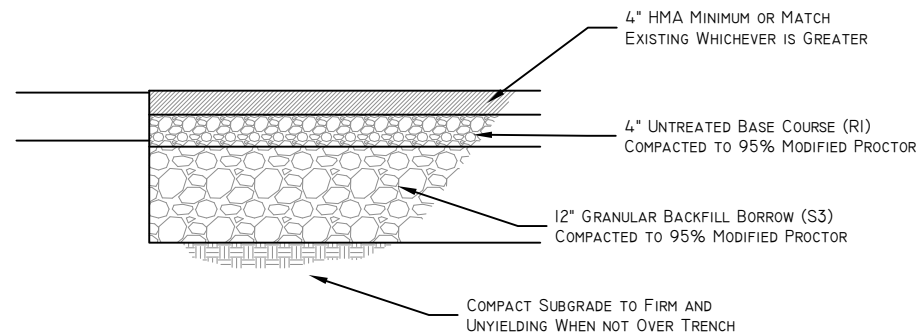
NO.	DATE	INITIALS	DESCRIPTION

DESIGNER: MARYLYN NEILSEN
 DRAFTSMAN: MATT GURR
 CHECKED: ERIC FRANSON
 PROJECT LEADER: CHAD BROWN
 PRINT DATE: AUGUST 21, 2024



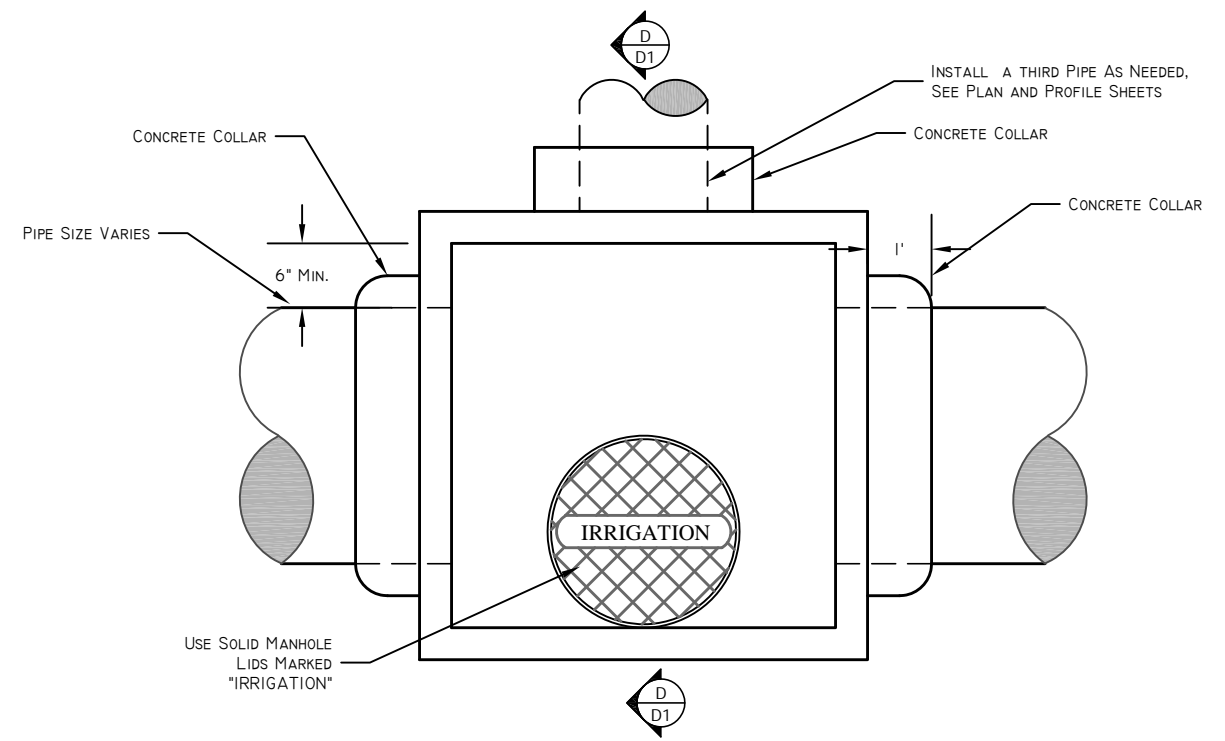
A TYPICAL TRENCH DETAIL
NOT TO SCALE

Issued for Bidding
Plot Date: 8/21/2024

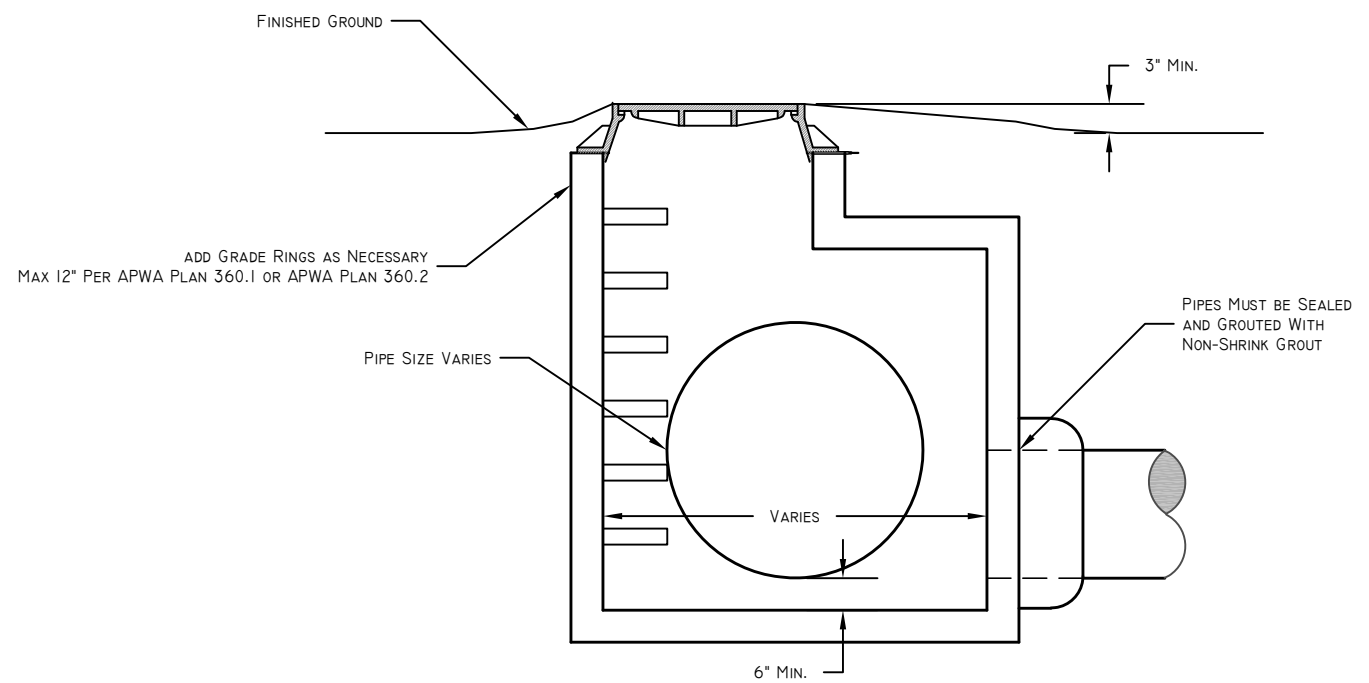


NOTE: REFER TO ADS TRENCH SPECIFICATION FOR H-25 LOADING

B ROAD SECTION
NOT TO SCALE

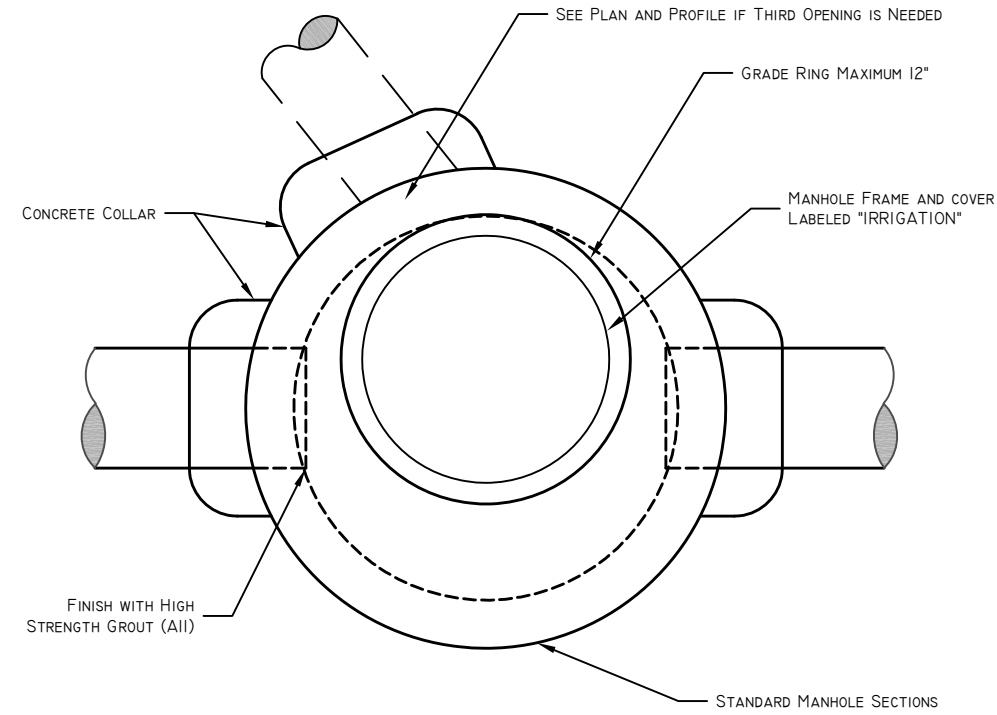


C INLET-CLEANOUT BOX PLAN
NOT TO SCALE



D INLET-CLEANOUT BOX SECTION
NOT TO SCALE

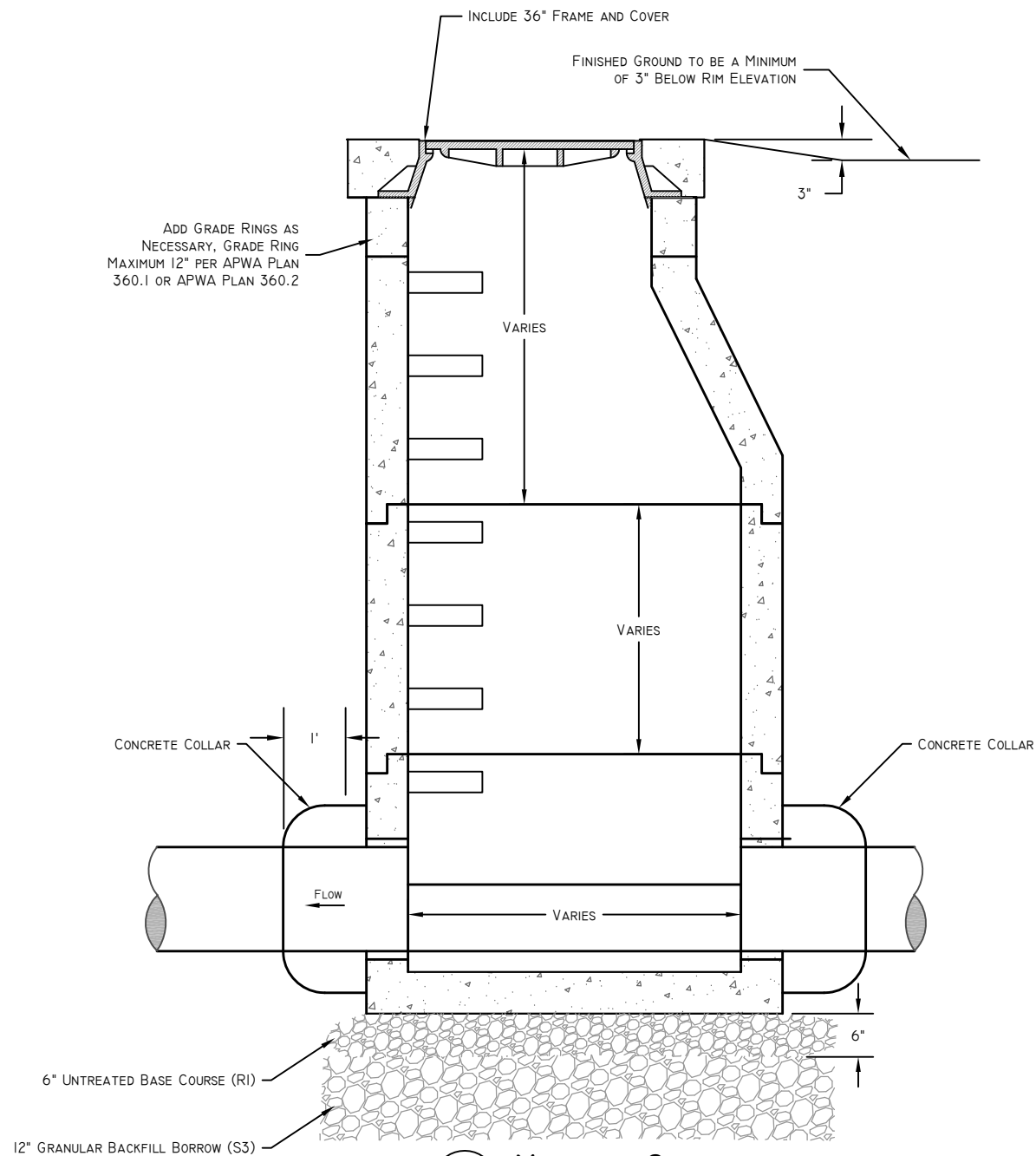
NO.	DATE	DESCRIPTION



E MANHOLE PLAN
NOT TO SCALE

- NOTE:
1. SEE PLAN AND PROFILE FOR MANHOLE DIMENSIONS, PIPE ELEVATIONS, PIPE SIZES AND ANGLES.
 2. ALL PIPES INTO MANHOLES SHALL BE WATERTIGHT USING NON-SHRINK GROUT

Issued for Bidding
 Plot Date: 8/21/2024



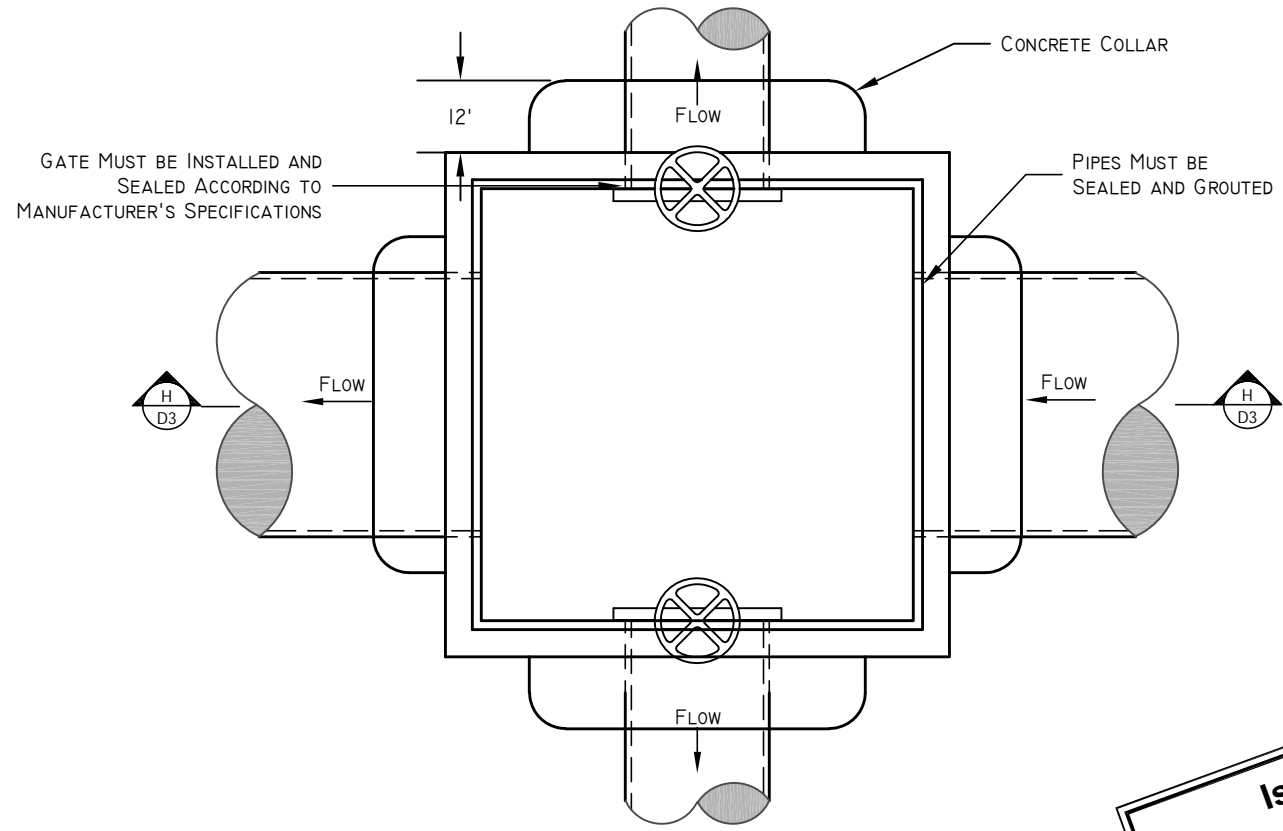
F MANHOLE SECTION
NOT TO SCALE



NO.	DATE	INITIALS	DESCRIPTION

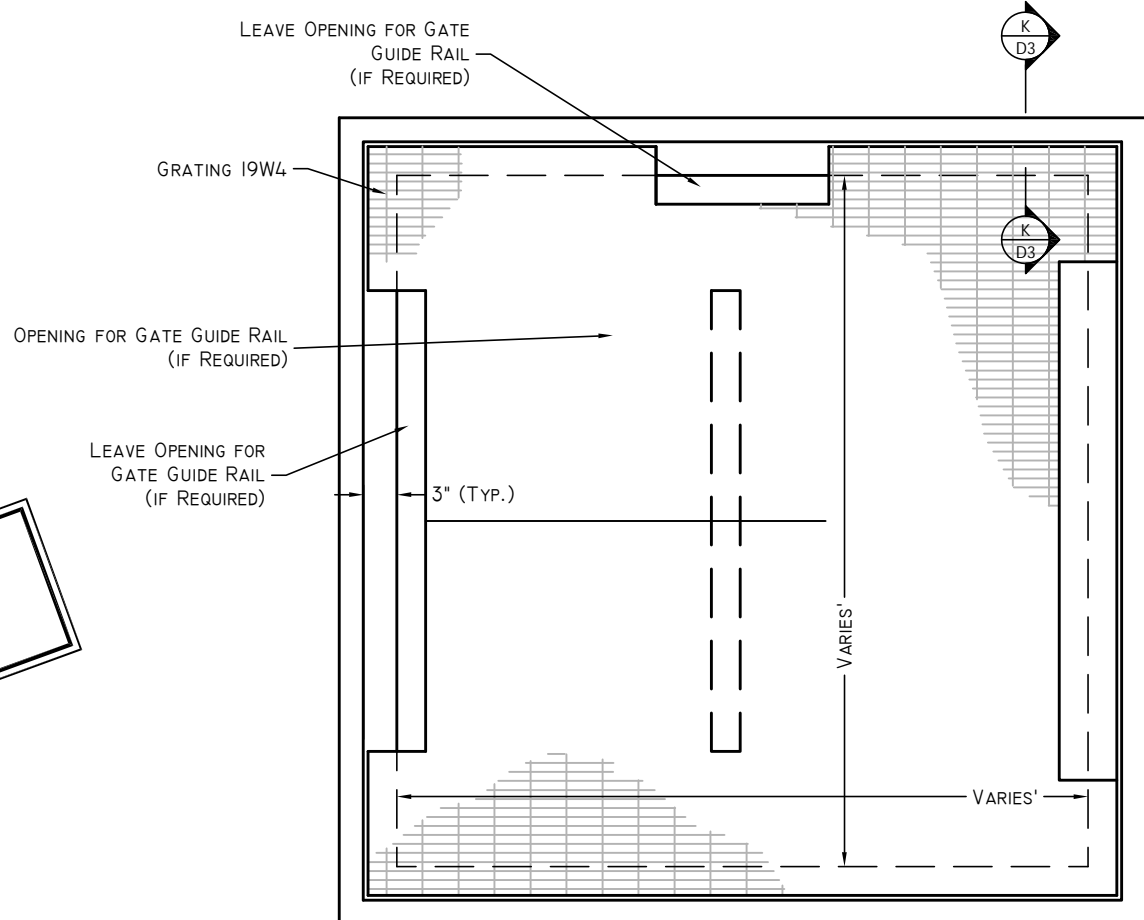
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
TYPICAL MANHOLE DETAILS
 Details.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design
 Drawings
 LAYOUT: Manhole

JOB NO.
21093

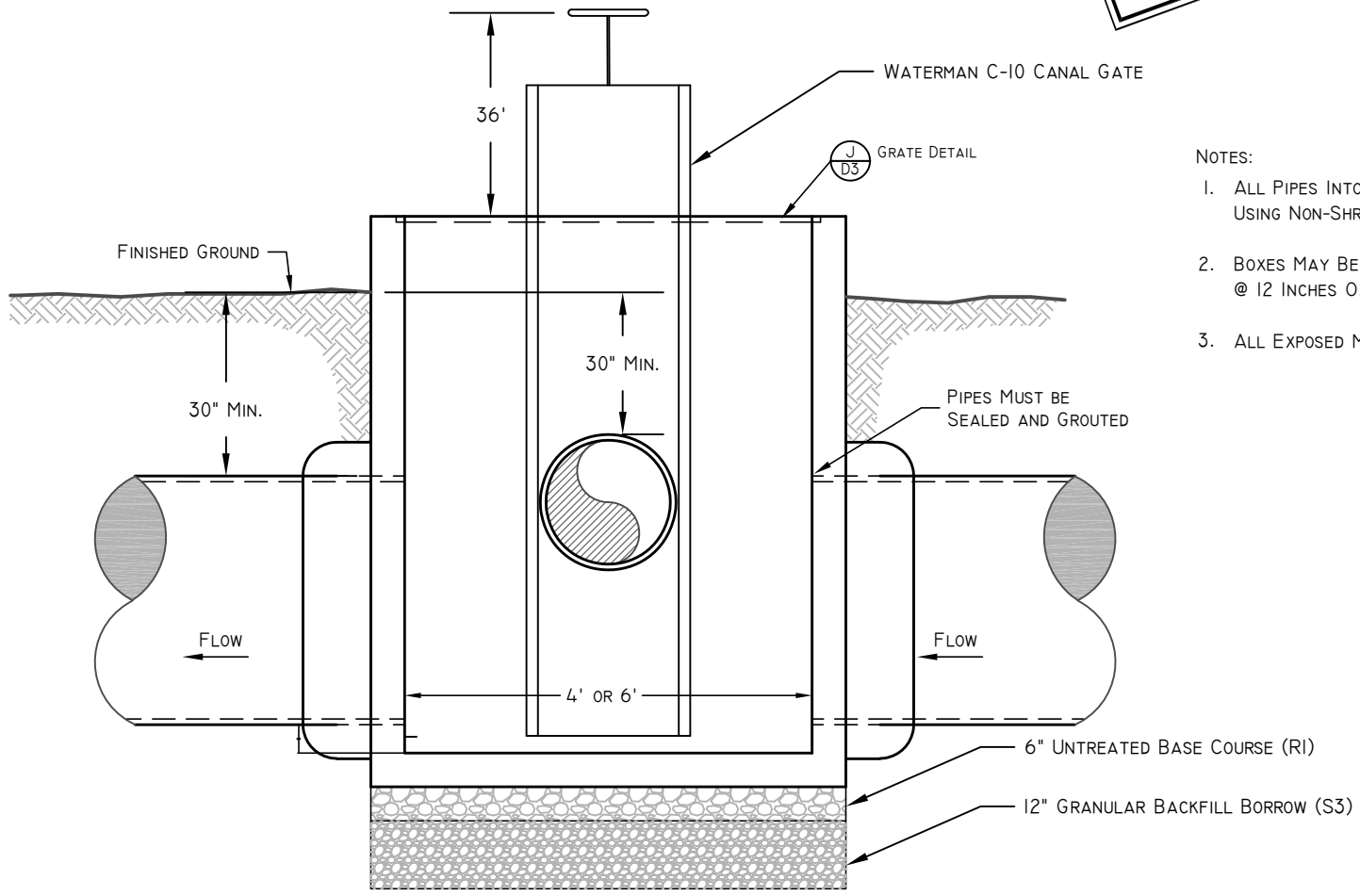


G **TYPICAL DIVERSION BOX**
NOT TO SCALE

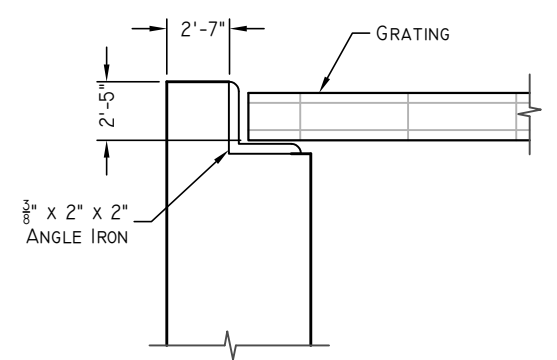
Issued for Bidding
Plot Date: 8/21/2024



J **GRATE DETAIL - TOP VIEW**
NOT TO SCALE



H **DIVISION BOX SECTION**
NOT TO SCALE



K **GRATE SECTION**
NOT TO SCALE

- NOTES:
1. ALL PIPES INTO BOX SHALL BE GROUTED AND WATERTIGHT. USING NON-SHRINK GROUT.
 2. BOXES MAY BE PRECAST OR CAST IN PLACE WITH #5 REBAR @ 12 INCHES O.C. BOXES MUST BE SUBMITTED FOR REVIEW
 3. ALL EXPOSED METAL SHALL BE GALVANIZED.

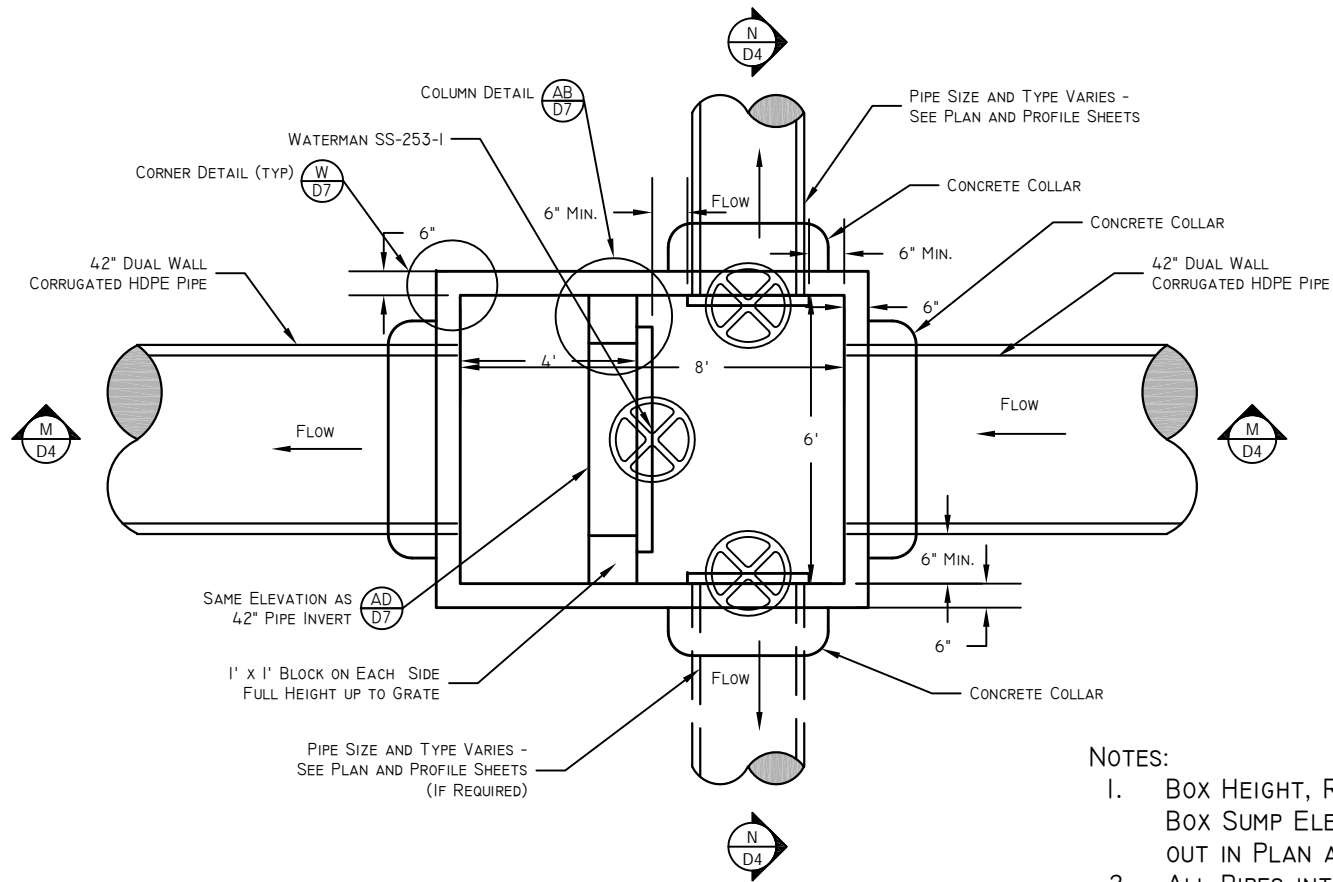


DESIGNER:	DRAFTSMAN:	CHECKED:	REVIEWED:	PROJECT LEADER:
MARTIN NEUBER	MATT GORR	ERIC FRANSON		CHAD BROWN
NO. DATE	REVISIONS	DESCRIPTION		PRINT DATE:
				AUGUST 21, 2024

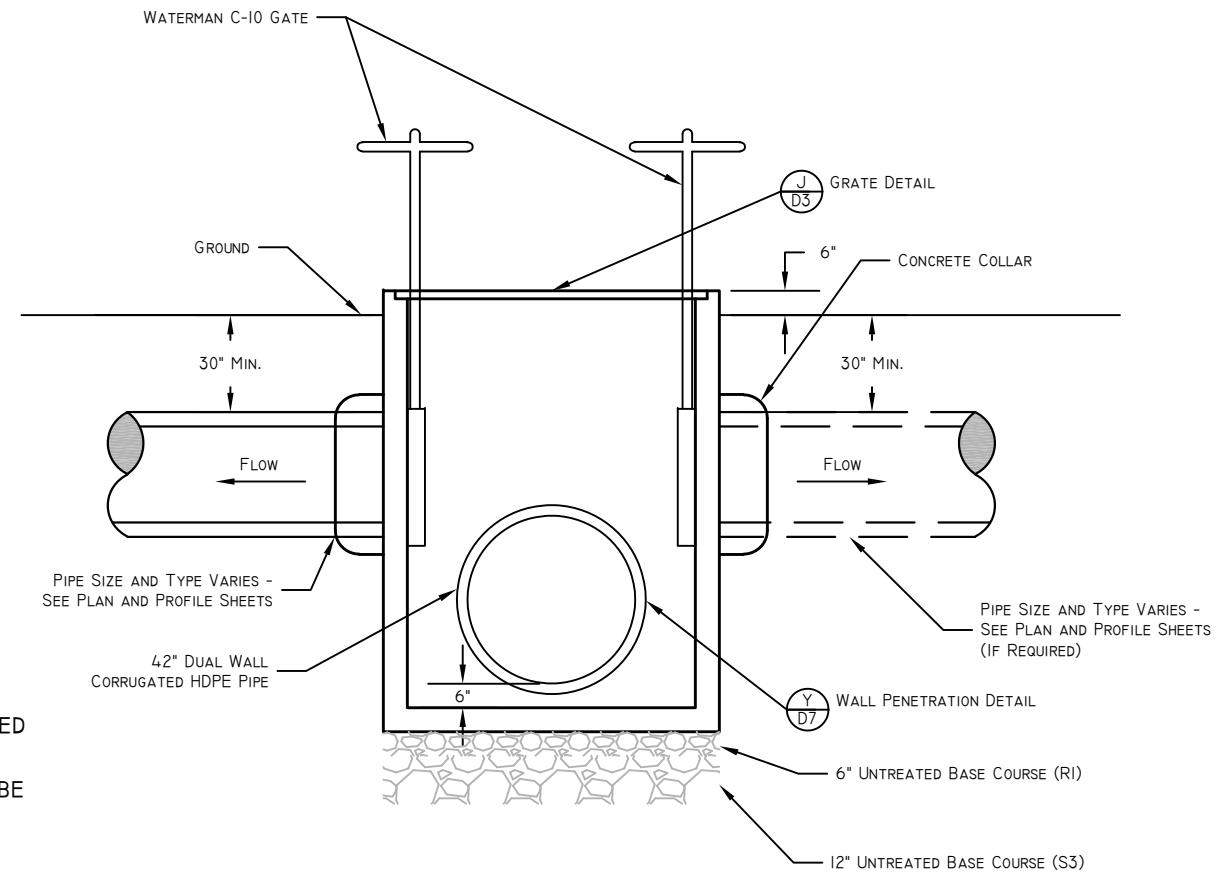
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING DIVERSION BOX AND GRATE DETAIL

Details.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: Diversion

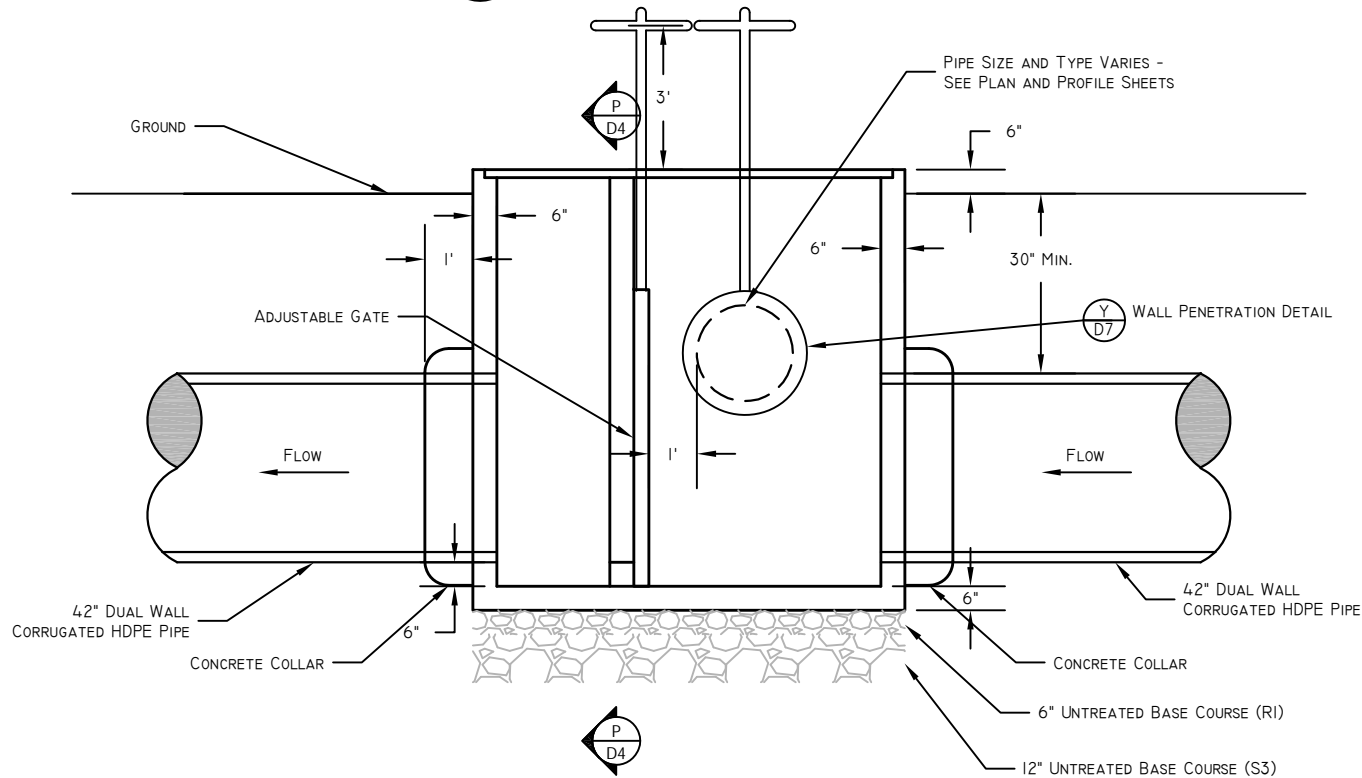
JOB NO. 21093



L CHECK BOX STRUCTURE PLAN VIEW
NOT TO SCALE



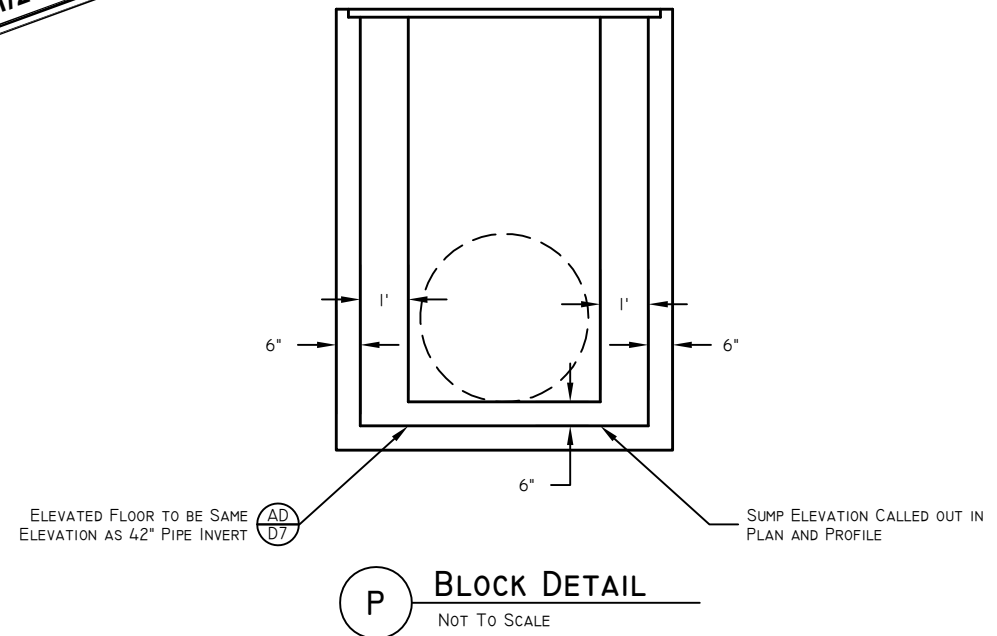
N CHECK STRUCTURE SECTION VIEW
NOT TO SCALE



M CHECK BOX PROFILE VIEW
NOT TO SCALE

- NOTES:**
1. BOX HEIGHT, RIM ELEV, AND BOX SUMP ELEVATION. CALLED OUT IN PLAN AND PROFILE.
 2. ALL PIPES INTO BOX SHALL BE GROUTED AND WATERTIGHT USING NON-SHRINK GROUT

Issued for Bidding
Plot Date: 8/21/2024

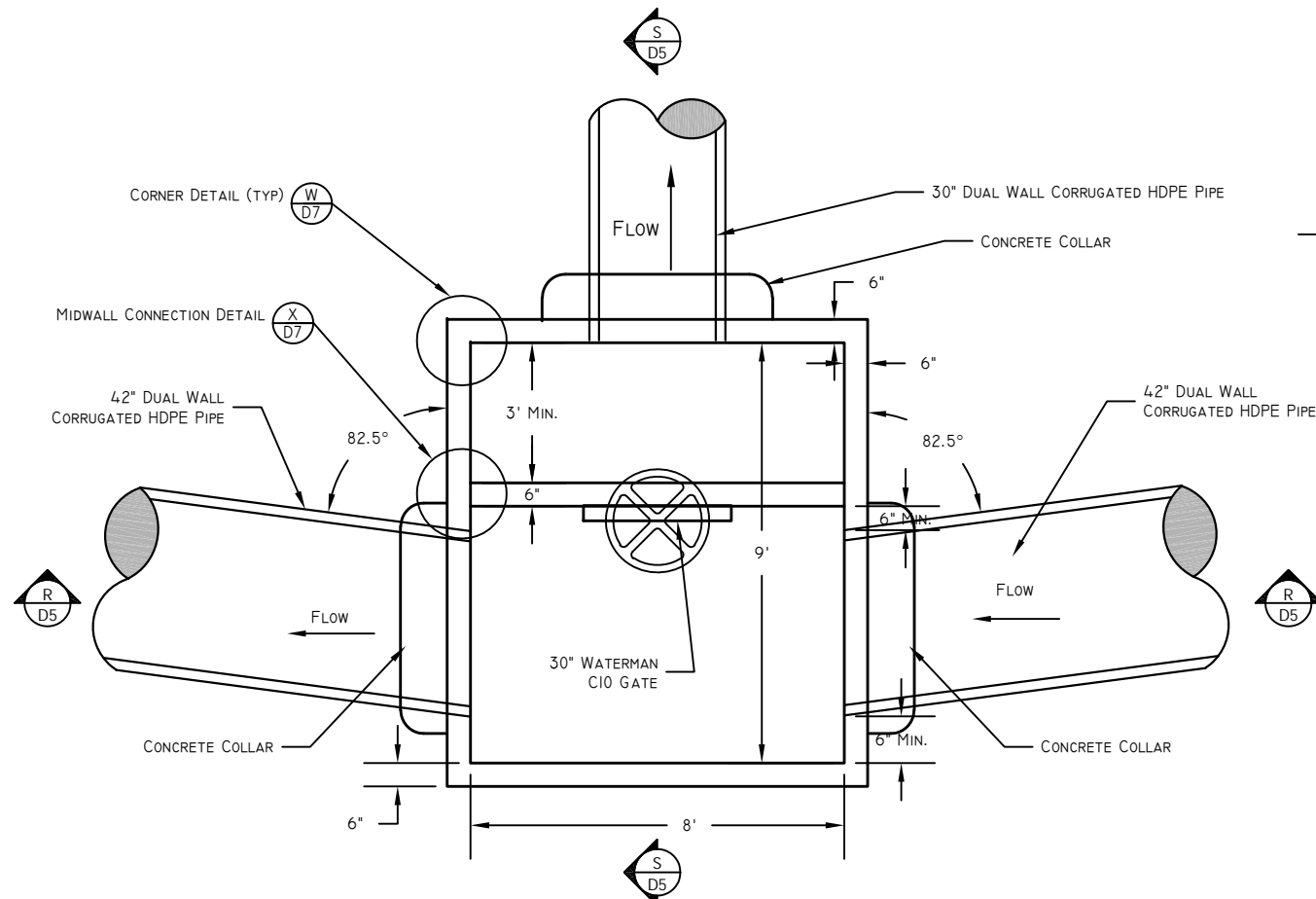


P BLOCK DETAIL
NOT TO SCALE

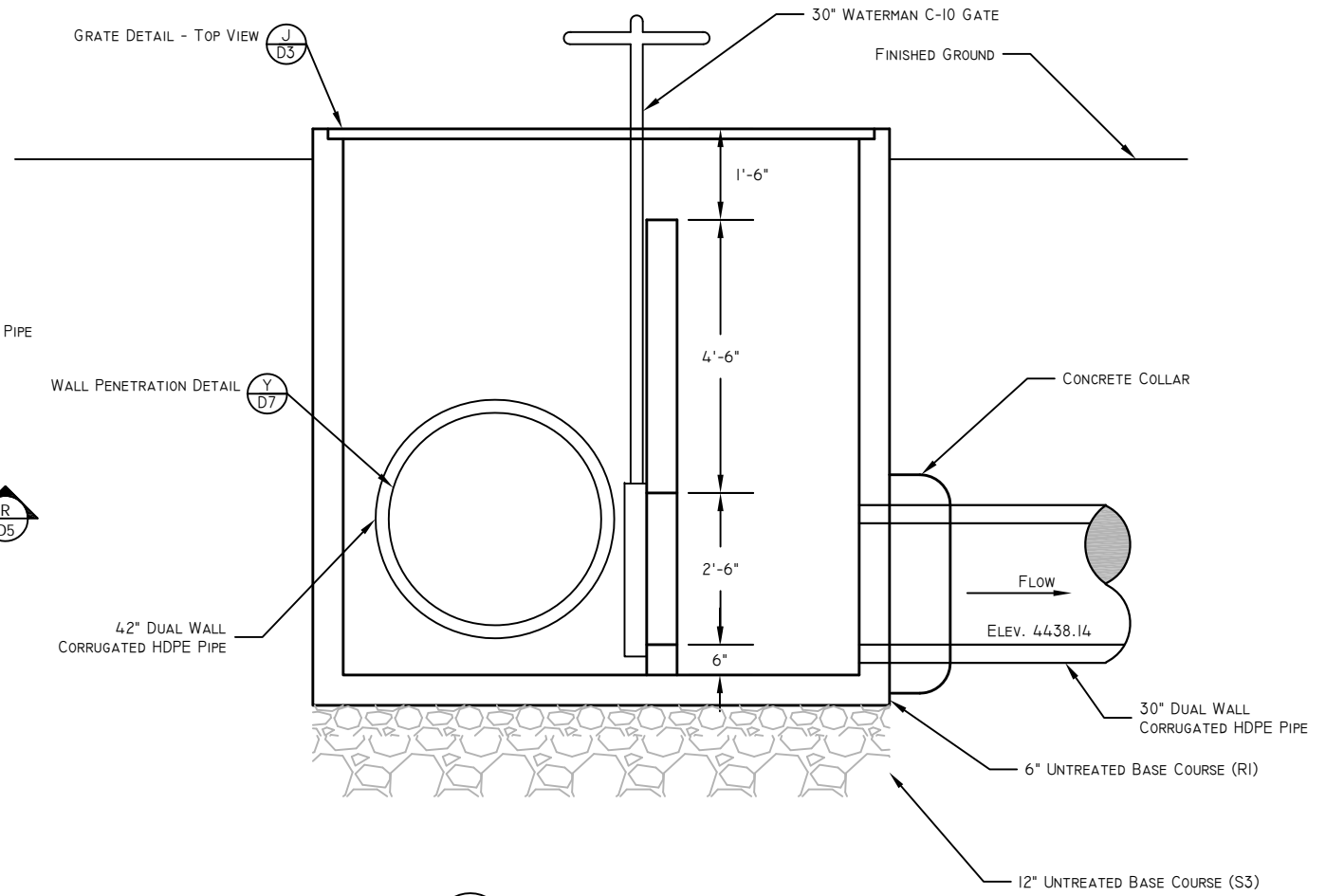


NO.	DATE	INITIALS	DESCRIPTION

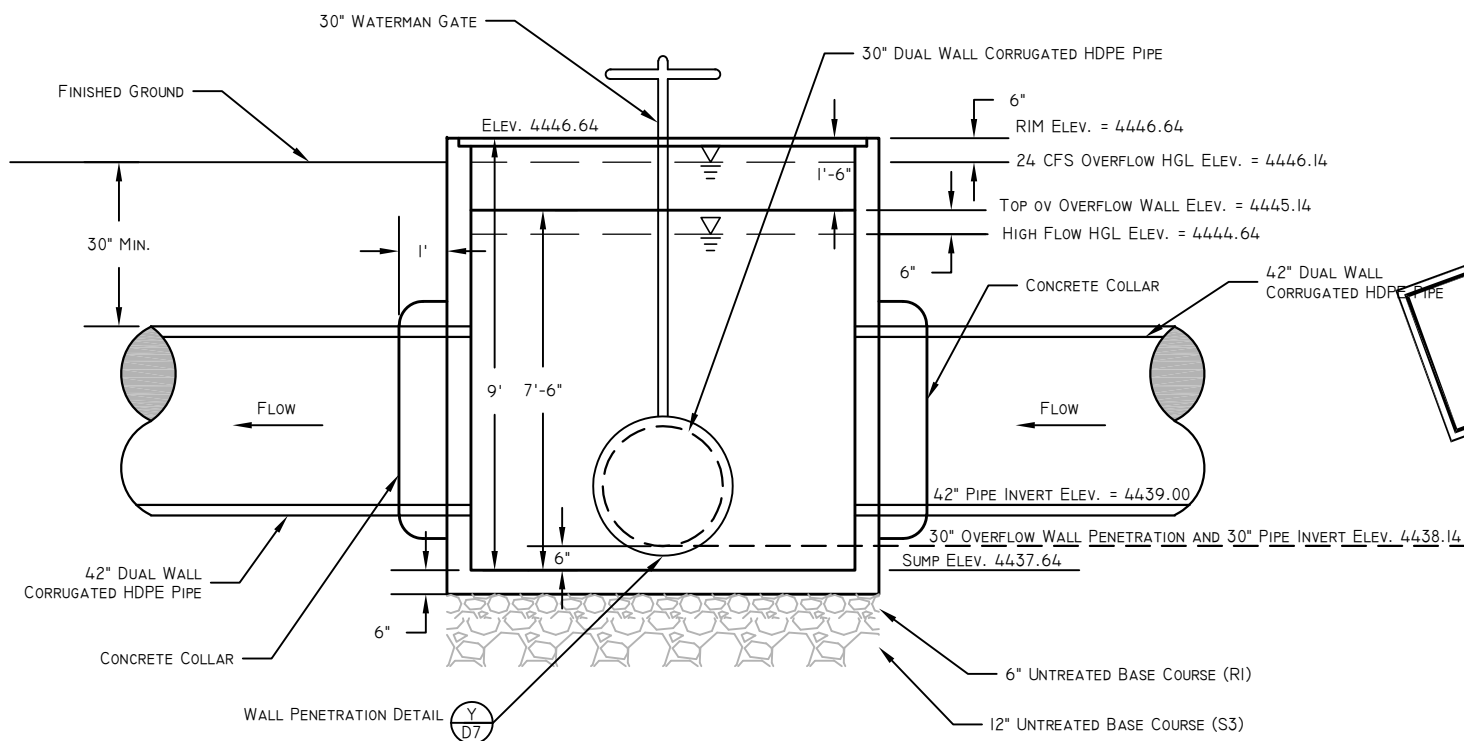
DESIGNER:	MARTIN NEILSEN
DRAFTSMAN:	MATT GURR
CHECKED:	ERIC FRANSON
REVIEWED:	ERIC FRANSON
PROJECT LEADER:	CHAD BROWN
PRINT DATE:	AUGUST 21, 2024



Q SII OVERFLOW BOX PLAN
NOT TO SCALE



S OVERFLOW BOX SECTION
NOT TO SCALE



R SII OVERFLOW BOX PROFILE
NOT TO SCALE

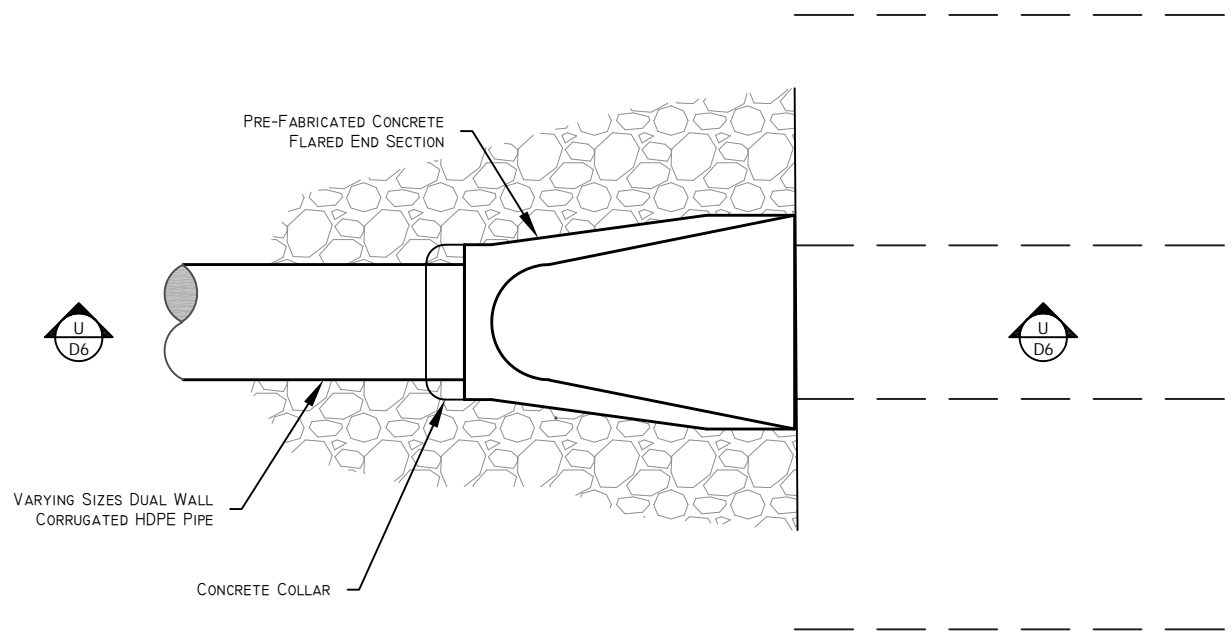
Issued for Bidding
 Plot Date: 8/21/2024

- NOTES:
- ALL PIPES INTO BOX SHALL BE GROUTED AND WATERTIGHT USING NON-SHRINK GROUT

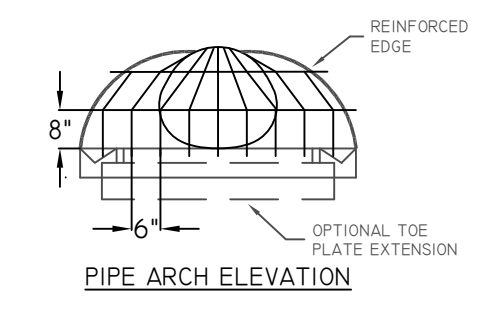
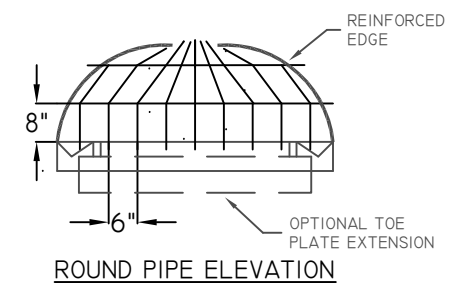
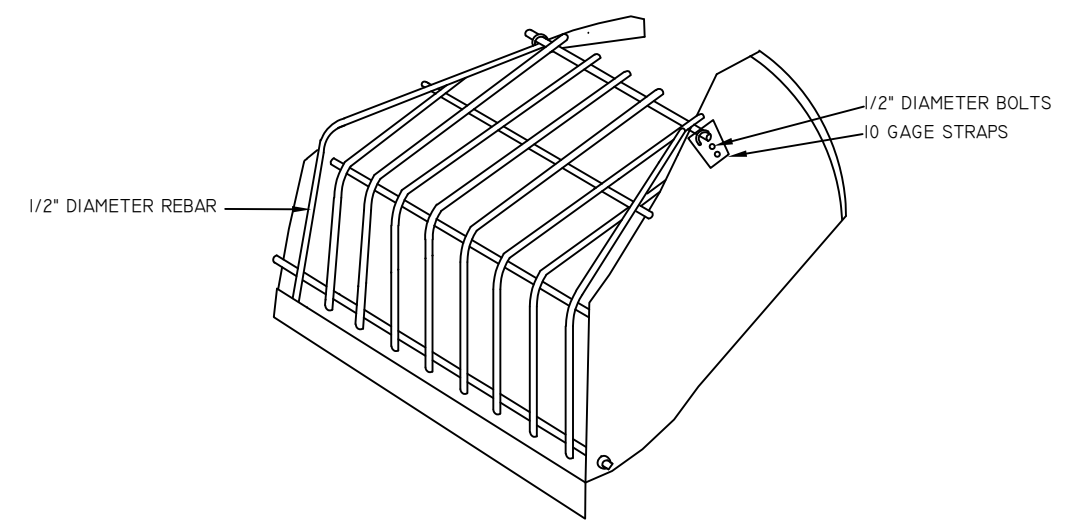


NO.	DATE	INITIALS	DESCRIPTION

DESIGNER: **MATTHEW NEUBEN**
 DRAFTSMAN: **MATT GORR**
 CHECKED: **ERIC FRANSON**
 PROJECT LEADER: **CHAD BROWN**
 PRINT DATE: **AUGUST 21, 2024**

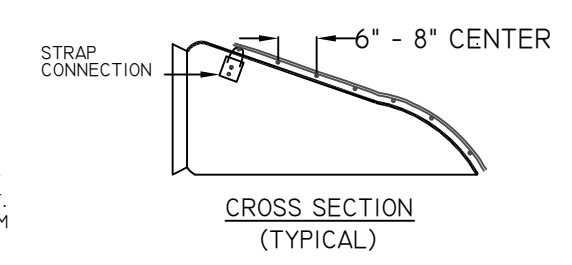


T CONCRETE FLARED END INLET-OUTLET PLAN
NOT TO SCALE

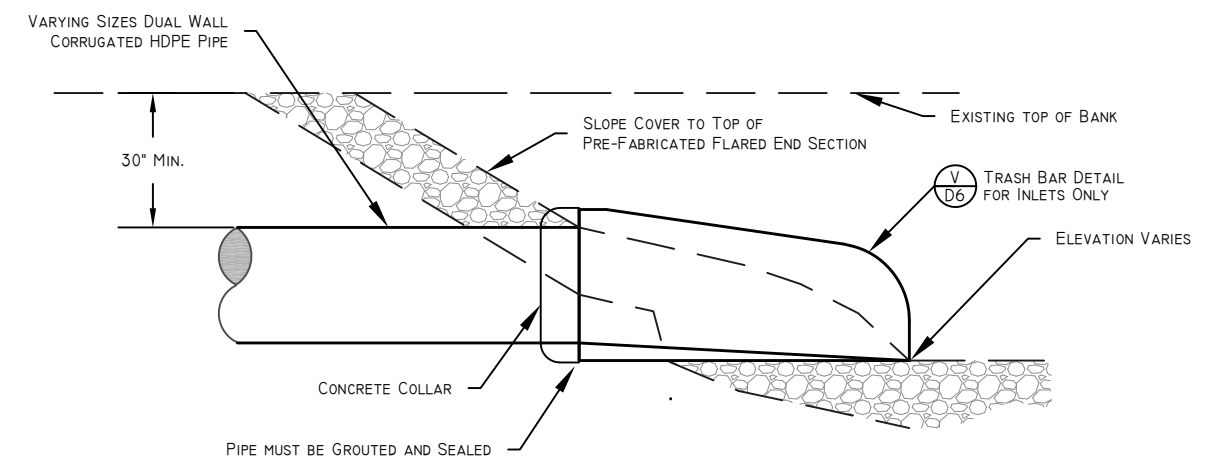


- NOTES:
1. TRASH RACK BARS TO BE BLACK STEEL.
 2. PAINT WITH HIGH ZINC COATING AFTER FABRICATION.
 3. PLANT FIT TRASH RACK CONFIGURATION

- OPTIONAL:
1. BOLT THROUGH BOTTOM SECTION WITH NUT
 2. LAY OPEN ON BOTTOM FOR "HINGE" EFFECT.
 3. LAST CROSS BAR MAY BE THROUGH BOTTOM SECTION UPON REQUEST.



V TRASH BAR INLET DETAIL
NOT TO SCALE



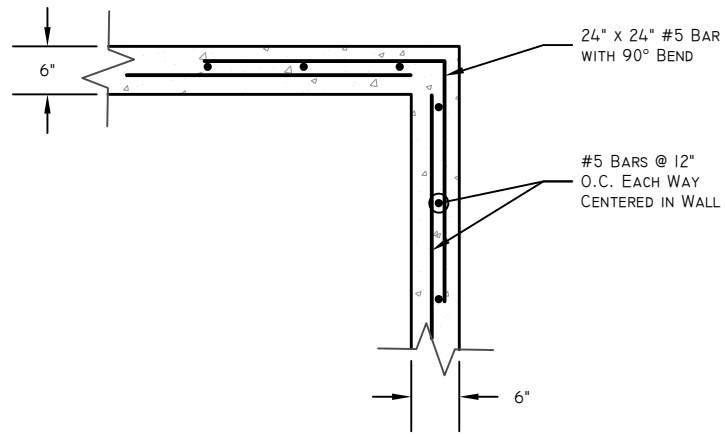
NOTE: CONCRETE FLARED END WILL NOT STICK OUT INTO RIVER (SEE P6)

U CONCRETE FLARED END INLET-OUTLET PROFILE
NOT TO SCALE

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 Plot Date: 8/21/2024

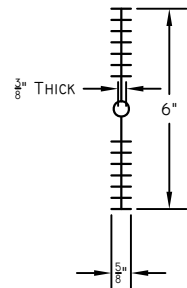


DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		

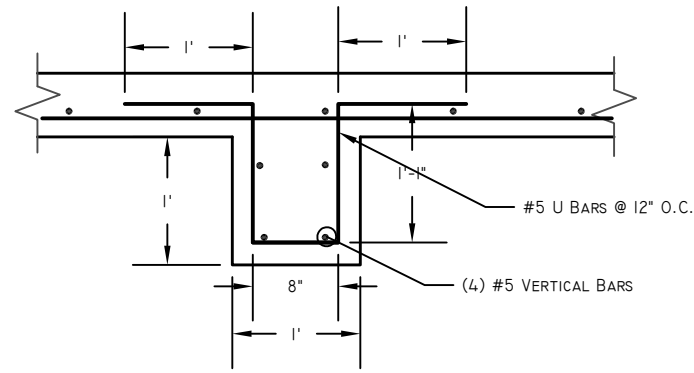


W CORNER DETAIL (TYP)
NOT TO SCALE

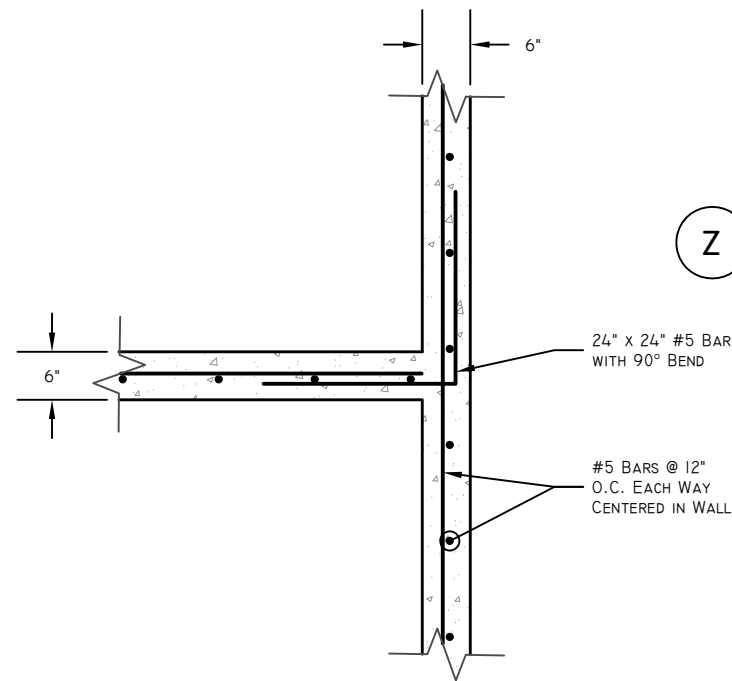
NOTE:
HORN/DURAJOINT PVC WATERSTOP RIBBED WITH
CENTERBULB TYPE 10 OR EQUIVALENT 6" TYP. OR AS
NOTED ON DRAWINGS.



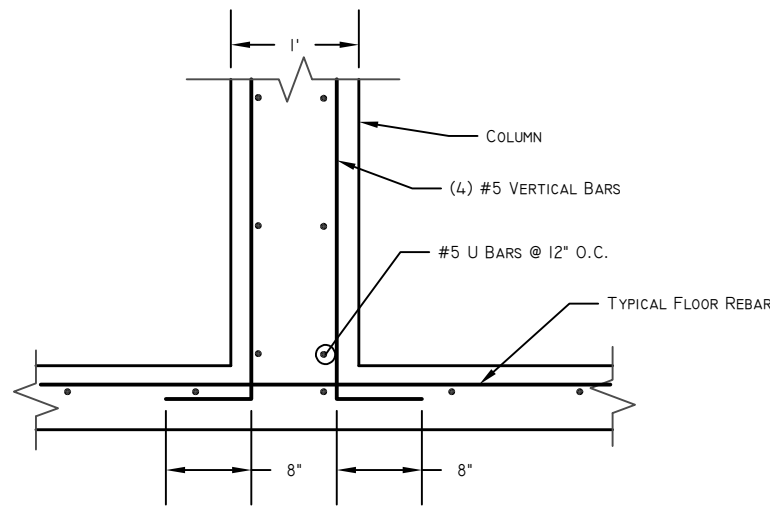
Z WATERSTOP DETAIL
NOT TO SCALE



AB COLUMN DETAIL
NOT TO SCALE

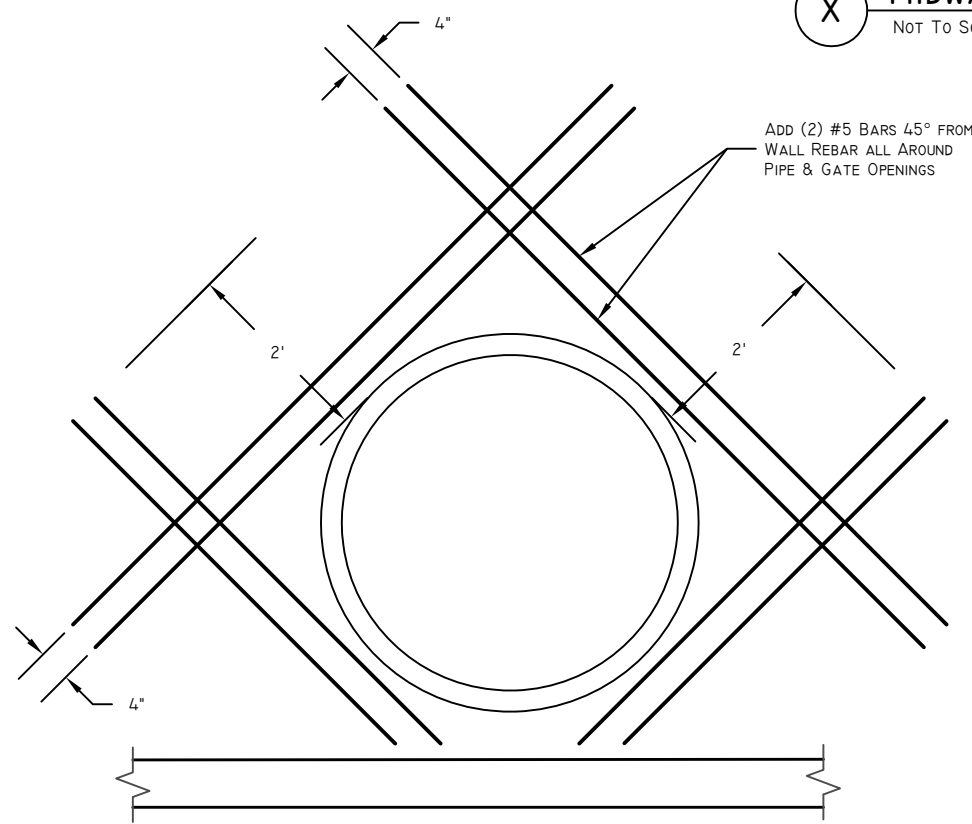


X MIDWALL CONNECTION DETAIL
NOT TO SCALE

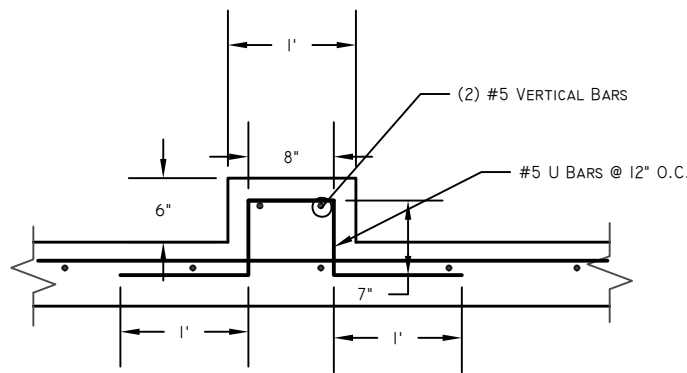


AC COLUMN SIDE VIEW
NOT TO SCALE

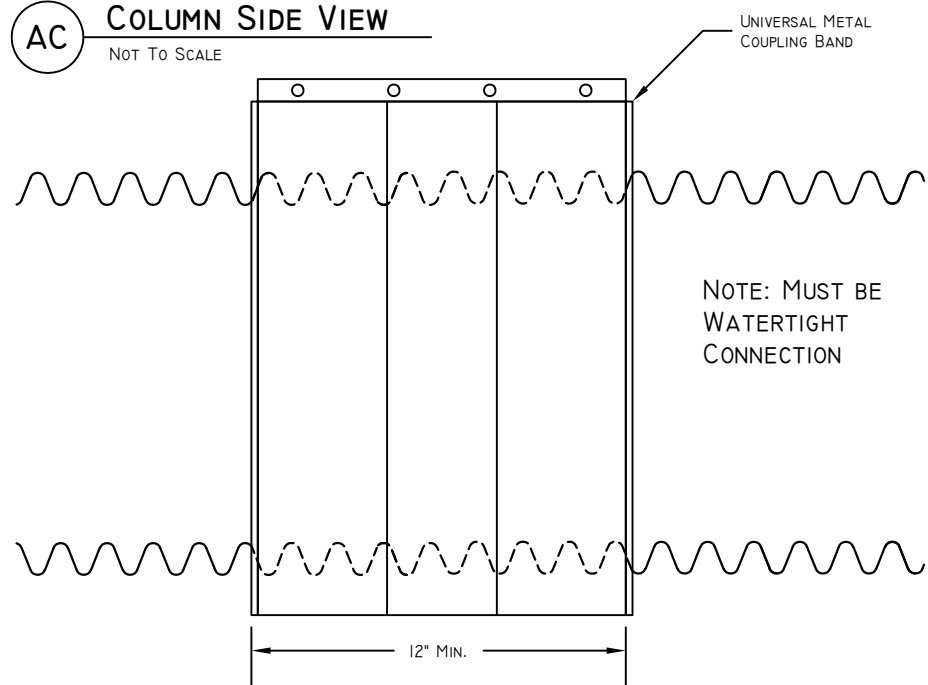
Issued for Bidding
Plot Date: 8/21/2024



Y WALL PENETRATION DETAIL
NOT TO SCALE



AD ELEVATED FLOOR DETAIL
NOT TO SCALE

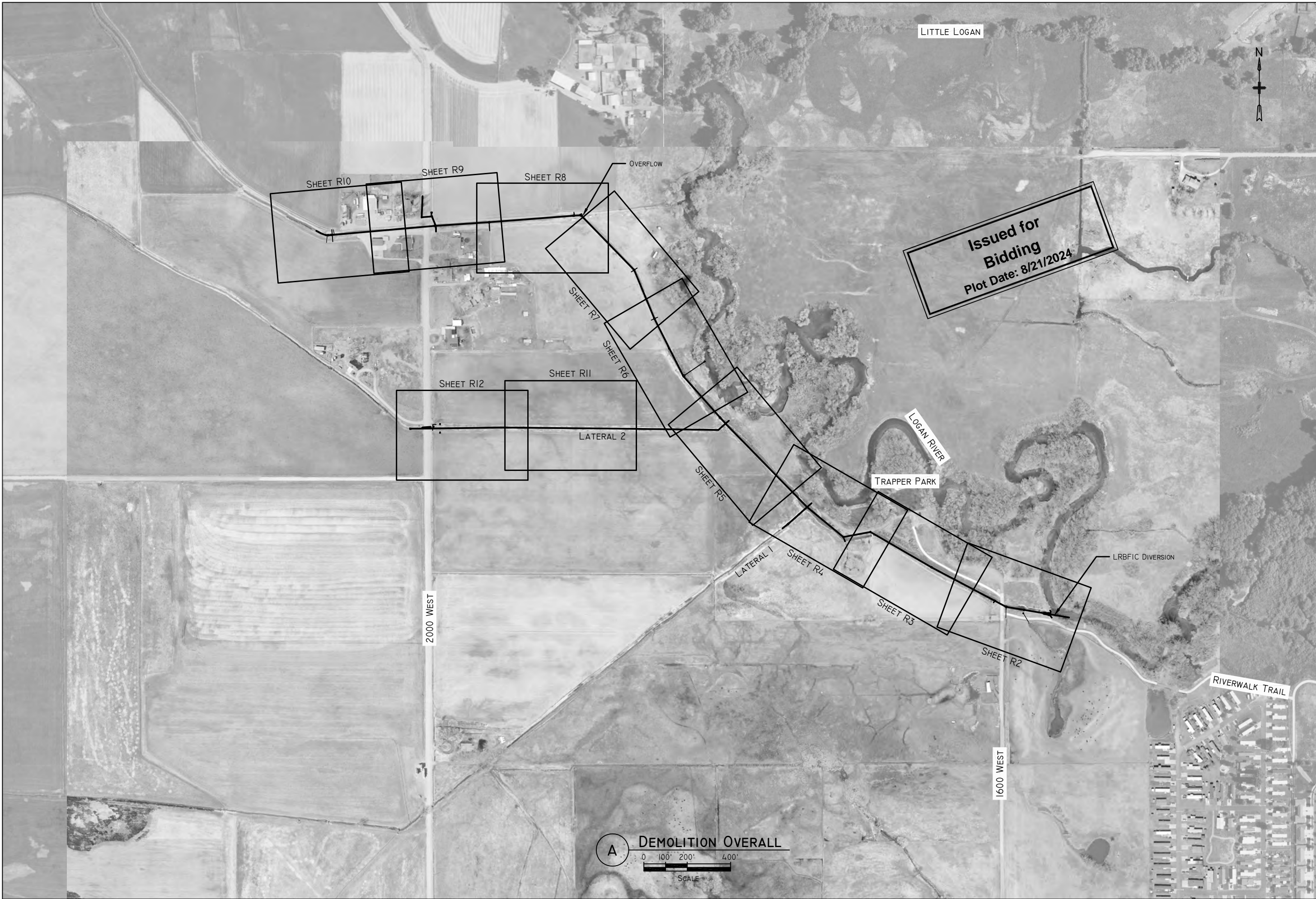


AA COUPLING DETAIL
NOT TO SCALE



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DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION	REVISIONS	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
TYPICAL STRUCTURAL DETAILS
Details.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: Structure Det



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A DEMOLITION OVERALL
 0 100' 200' 400'
 SCALE



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DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INTS.	REVISIONS	DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING DEMOLITION OVERALL
 Demolition.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
 Drawings
 LAYOUT: Overall



DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	REVISIONS		DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 10+00 - 15+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P2-10-15

JOB NO.
21093

SHEET
R2 OF R12

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Plot Date: 8/21/2024

02-079-0022
LOGAN CITY

15+00 MATCHLINE SEE SHEET R2

CLEAR AND REMOVE WOODY
BRUSH AND VEGETATION ALONG
BANKS OF CANAL (TYP)

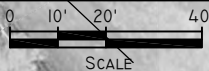
WETLAND BOUNDARY
Do NOT DISURB

SALVAGE AND SET ASIDE
EXISTING BRIDGE CROSSING
LOGAN CITY WILL PICK UP

CLEAR AND REMOVE WOODY
BRUSH AND VEGETATION
ALONG BANKS OF CANAL
(TYP)

20+00
MATCHLINE SEE SHEET R4

DEMOLITION STA. 15+00 - 20+00



C



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American Fork, UT 84003
T 801 756-0309 F 801 756-0481



PROJECTIONS		
NO.	DATE	DESCRIPTION

REVISIONS	
NO.	DATE

APPROVALS	
NAME	DATE
ERIC FRANSON	
MATT GUR	
MARTIN NEILSEN	

DESIGNER: MATT GUR	CHECKED: ERIC FRANSON	PROJECT LEADER: CHAD BROWN
DRAFTSMAN: MATT GUR	REVIEWED: ERIC FRANSON	PRINT DATE: AUGUST 21, 2024

CACHIE WATER DISTRICT	
TRAPPER PARK CANAL PIPING	
DEMOLITION STA. 15+00 - 20+00	
Demolition.dwg	02-1093 CACHIE WD Trapper Park Restoration (Logan River) 01 Drawings Design
JOB NO.	21093
LAYOUT:	P3.15-20



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 Plot Date: 8/21/2024

D DEMOLITION STA. 20+00 - 25+00
 SCALE 0 10' 20' 40'

FRANSON CIVIL ENGINEERS
 1276 South 820 East, Suite 100
 American Fork, UT 84003
 T 801 756-0309 F 801 756-0481



NO.	DATE	INITIALS	DESCRIPTION

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 20+00 - 25+00
 Demolition.dwg
 0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
 LAYOUT: P4.20-25

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Plot Date: 8/21/2024



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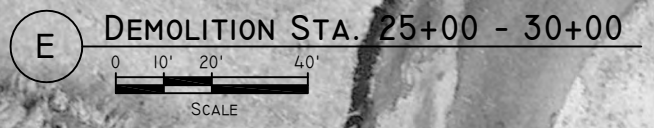


DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	REVISIONS		DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 25+00 - 30+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: P5 25-30

JOB NO. 21093



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02-079-0018
REED JR TR
BULLEN

02-079-0005
RICHARD T &
ANNETTE OSTERLIN

02-345-9002
WILLOW LAKE
HOLDINGS LLC

CLEAR AND REMOVE WOODY
BRUSH AND VEGETATION ALONG
BANKS OF CANAL (TYP)

DEMOLISH AND REMOVE
EXISTING BRIDGE CROSSING

F DEMOLITION STA. 30+00 - 35+00
0 10 20 40
SCALE

DESIGNER:	MARTIN NEUBER	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		

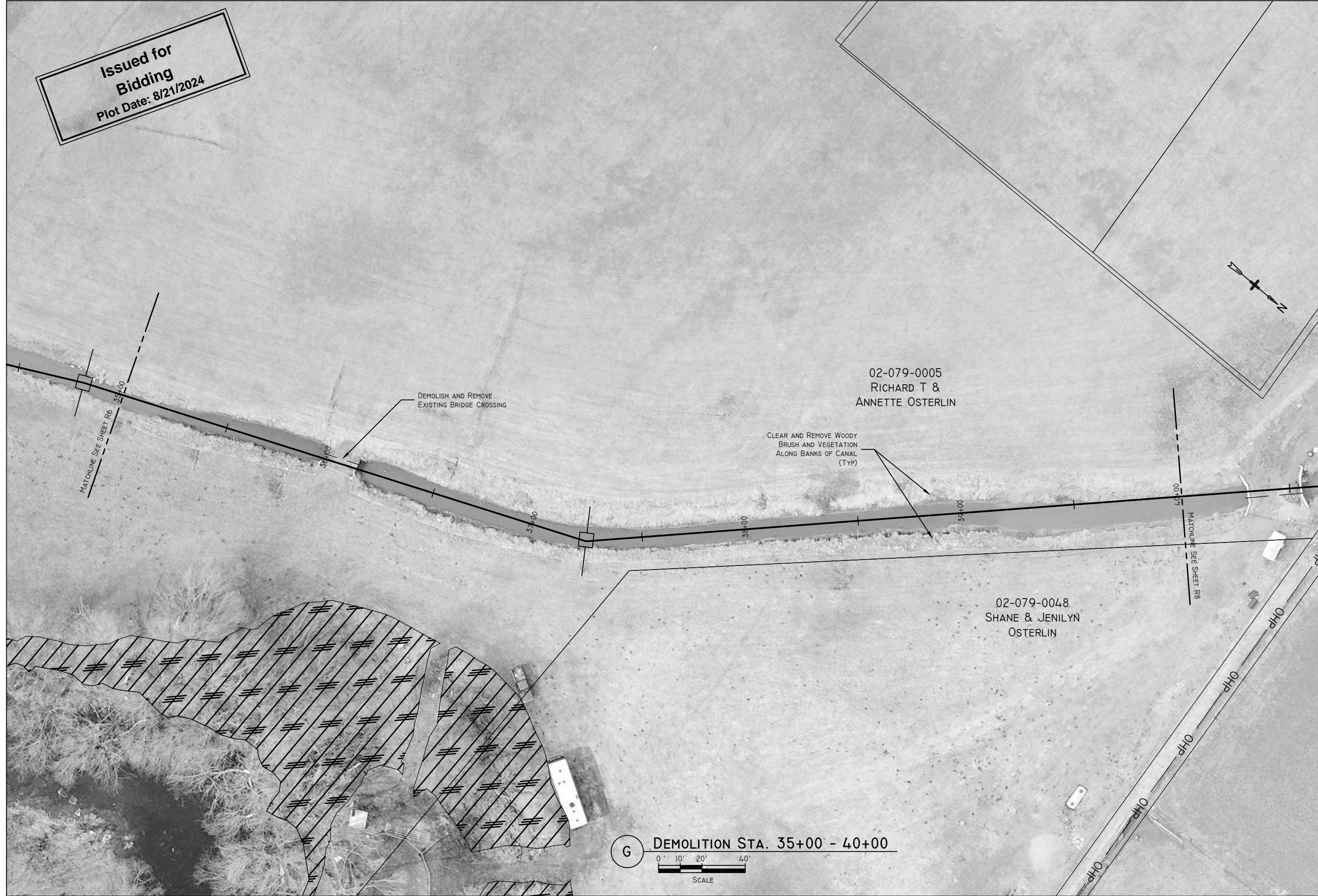
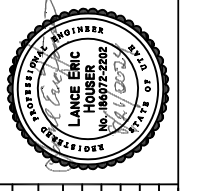
CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 30+00 - 35+00
Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design
Drawings
LAYOUT: R6 20-25
JOB NO. 21093

SHEET
R6 OF R12

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Bidding
Plot Date: 8/21/2024



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NO.	DATE	INITIALS	DESCRIPTION

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 35+00 - 40+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: P7 35-40

JOB NO. 21093

DESIGNER: MATTLYN NEILSEN
DRAFTSMAN: MATT GORR
CHECKED: MATTLYN NEILSEN
REVIEWED: ERIC FRANSON
PROJECT LEADER: CHAD BROWN
PRINT DATE: AUGUST 21, 2024

G DEMOLITION STA. 35+00 - 40+00

SCALE

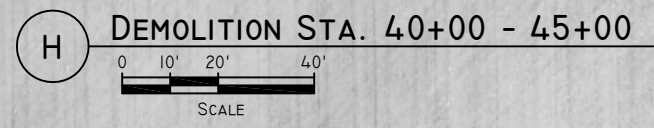
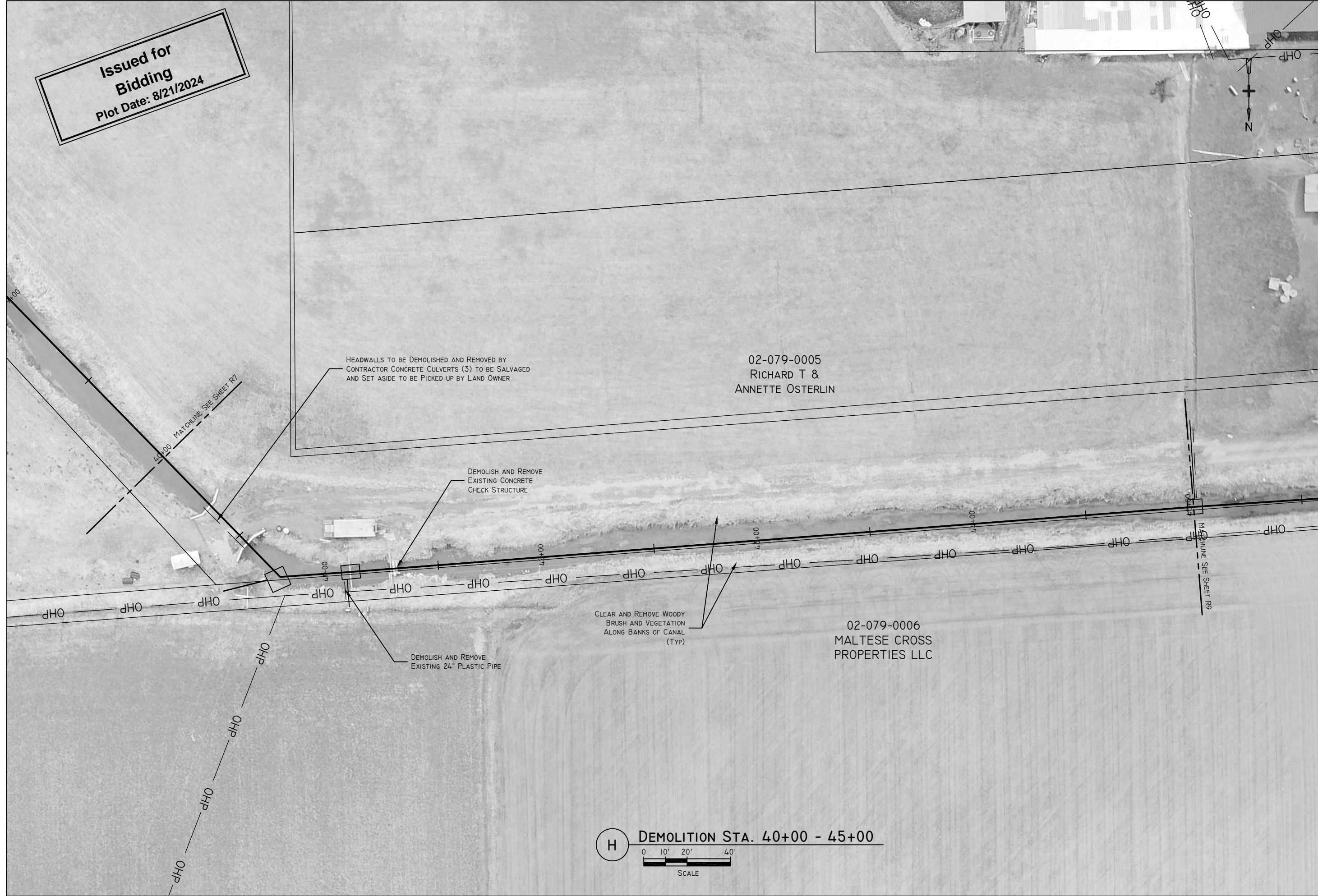
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Plot Date: 8/21/2024



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DESIGNER:	MARTIN NEUBEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GORR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		



CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 40+00 - 45+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: PR-40-45

JOB NO. 21093

SHEET
R8 OF R12

Issued for Bidding
Plot Date: 8/21/2024



DESIGNER:	MARTIN NEUBER	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GORR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	REVISIONS	DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 45+00 - 50+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: P9.45-50

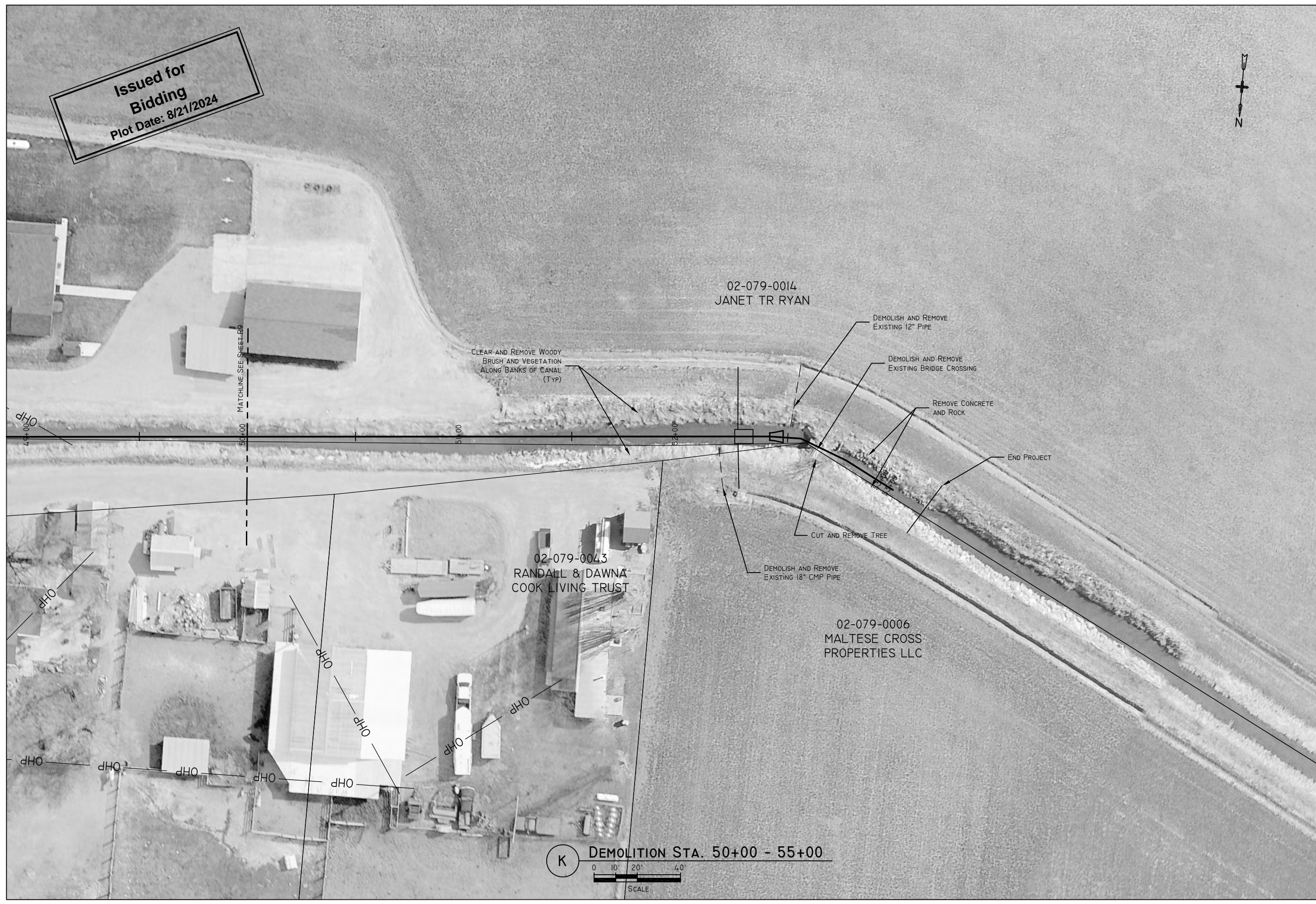
JOB NO. 21093

SHEET **R9** OF **R12**

Issued for Bidding
Plot Date: 8/21/2024



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DESIGNER:	MARTIN NEILSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	REVISIONS	DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 50+00 - 55+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 DrawingsDesign
Drawings
LAYOUT: P10.50.55

JOB NO.
21093

SHEET
R10 OF R12

K DEMOLITION STA. 50+00 - 55+00

SCALE

Issued for Bidding
Plot Date: 8/21/2024

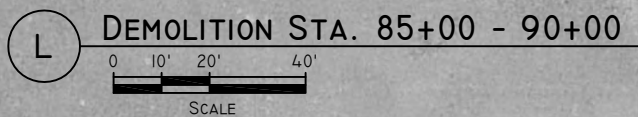
02-079-0017
REED JR TR BULLEN

CLEAR AND REMOVE WOODY BRUSH AND
VEGETATION ALONG CANAL BANKS (TYP)

DEMOLISH AND REMOVE EXISTING CONCRETE STRUCTURE

DEMOLISH AND REMOVE CONCRETE STRUCTURE

02-079-0018
REED JR TR BULLEN



1276 South 820 East, Suite 100
American Fork, UT 84003
T 801 756-0309 F 801 756-0481



DESIGNER:	MARTIN NIELSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	REVISIONS	DESCRIPTION	

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 85+00 - 90+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: P13.85-90

JOB NO. 21093

Issued for Bidding
Plot Date: 8/21/2024

02-079-0017
REED JR TR BULLEN

02-079-0009
BAR G RANCH LLC

02-079-0018
REED JR TR BULLEN

02-079-0020
JAMES ROY ZEHNA

CLEAR AND REMOVE WOODY BRUSH AND VEGETATION ALONG CANAL BANKS (TYP)

DEMOLISH AND REMOVE EXISTING CULVERT

END PROJECT

MATCHLINE SEE SHEET R11

90+00

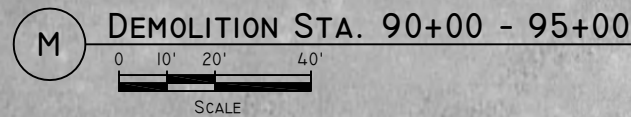
91+00

92+00

93+00

94+00

2000 WEST



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DESIGNER:	MARTIN NIELSEN	CHECKED:	ERIC FRANSON	PROJECT LEADER:	CHAD BROWN
DRAFTSMAN:	MATT GURR	REVIEWED:	ERIC FRANSON	PRINT DATE:	AUGUST 21, 2024
NO.	DATE	INITIALS	DESCRIPTION		

CACHE WATER DISTRICT
TRAPPER PARK CANAL PIPING
DEMOLITION STA. 90+00 - 95+00

Demolition.dwg
0A21093 CACHE WD Trapper Park Restoration (Logan River)01 Drawings\Design Drawings
LAYOUT: P14-90-95

JOB NO. 21093

SHEET R12 OF R12