

PROJECT LOCATION MAP



RIVERTON CITY

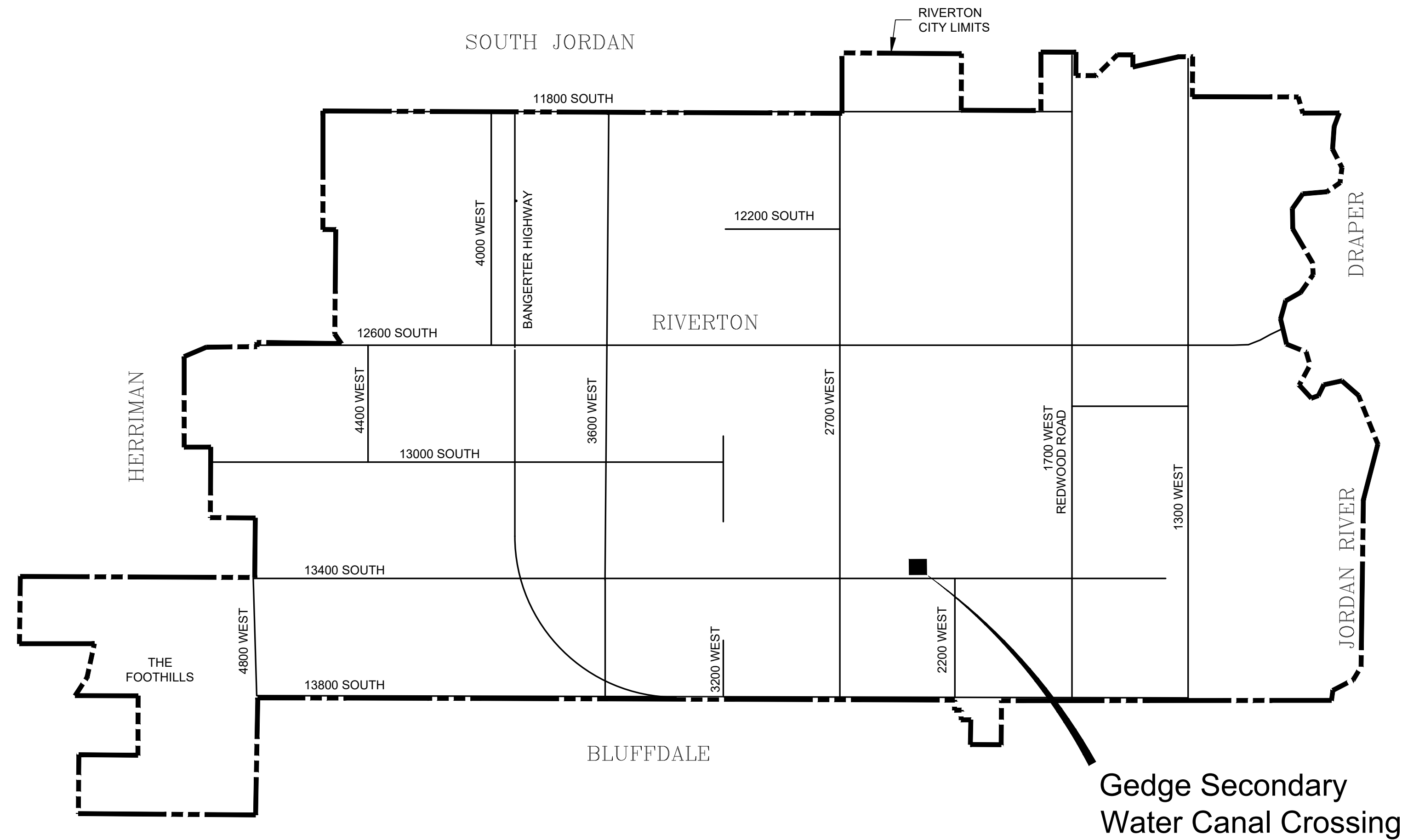
12830 SOUTH REDWOOD RD.
RIVERTON, UTAH 84065
(801) 254-0704

13400 SOUTH CANAL FILTER BANK RE-BID

DRAWING INDEX	
DRAWING NUMBER	DESCRIPTION
COVER	COVER
BID SCHEDULE A - PIPING	
C.01	DEMOLITION PLAN
C.02	SITE PLAN
M.01	EXISTING FILTER BANK-PLAN VIEW
M.02	EXISTING FILTER BANK-SECTION VIEW
M.03	NEW FILTER BANK-PLAN VIEW
M.04	MECHANICAL DETAILS
BID SCHEDULE B - CRANE STRUCTURE	
S.01	STEEL FRAME SECTION VIEW
S.02	STEEL FRAME SECTION VIEW
S.03	STRUCTURAL DETAILS
E.01	ELECTRICAL SITE PLAN

RIVERTON CITY COUNCIL

- MAYOR: TRENT STAGGS
- CITY MANAGER: DAVID BRICKEY
- COUNCIL MEMBERS: SHELDON STEWART
- TROY McDOUGAL
- TAWNEE McCAY
- TISH BUROKER
- CLAUDE WELLS
- PUBLIC WORKS DIRECTOR: CARY NECAISE



PROJECT VICINITY MAP



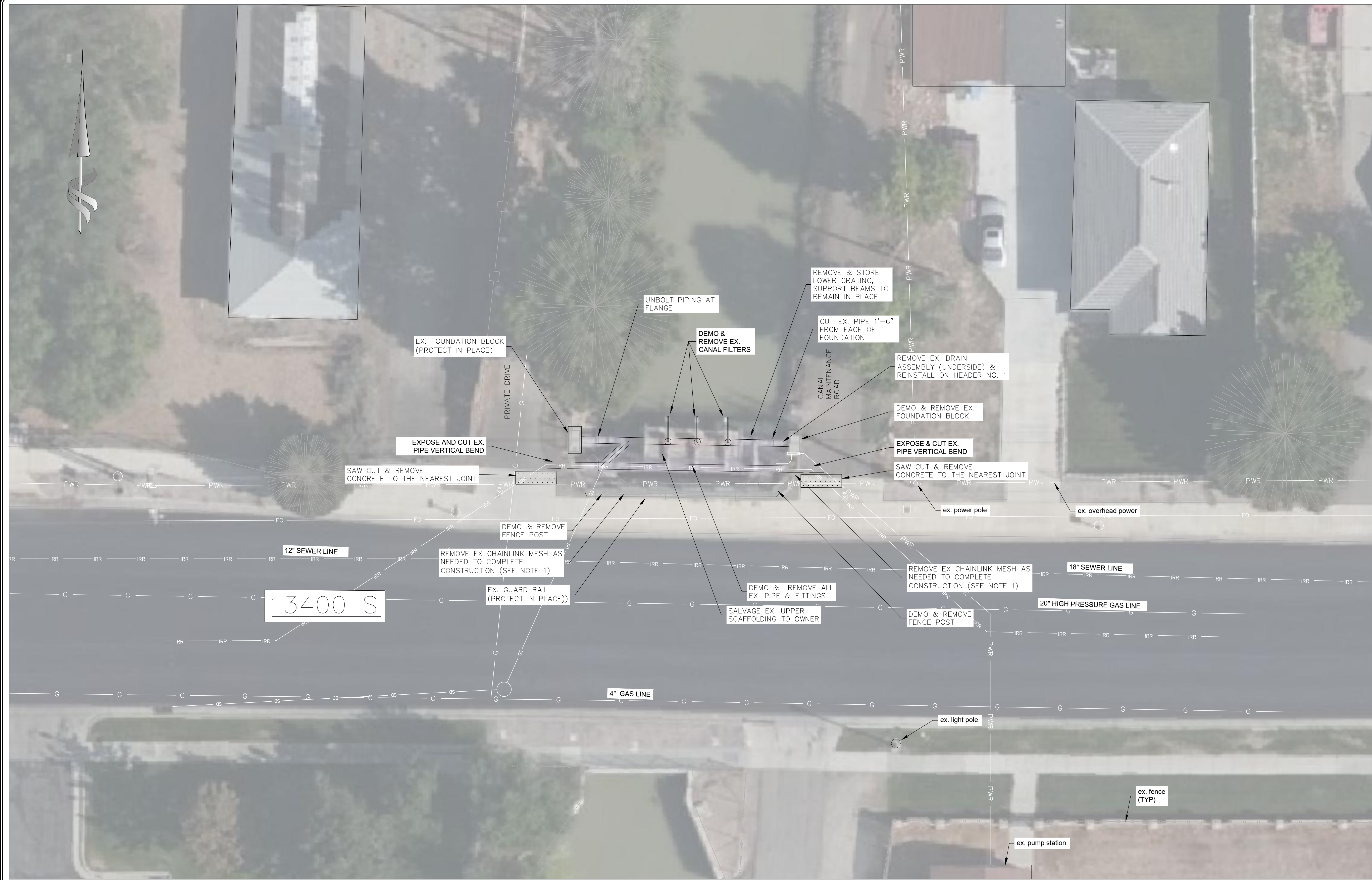
3341 SOUTH 4000 WEST
WEST VALLEY CITY, UTAH
84120 (801) 955-5605

50 EAST 100 SOUTH
HEBER CITY, UTAH
84032 (435) 654-6600

Know what's below.
Call **811** before you dig.



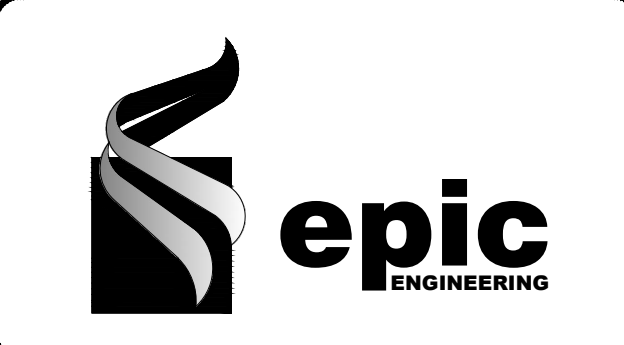
S:\Project - Archival\WV\PEBA\Riverston-CDA-22-RF-128-Gdgr-Secondary-Water-Canal-Crossing\WV\PEBA\Riverston-CDA-22-RF-128-Gdgr-Secondary-Water-Canal-Crossing\DEMOLITION PLAN.dwg



CONSTRUCTION NOTES

NOTES:
 1. FENCING MAY BE REUSED IF IT CAN BE REINSTALLED WITHOUT DAMAGE. OTHERWISE IT SHALL BE REPLACED WITH NEW MATERIALS.

Know what's below. **811**
Call 811 before you dig.
 BLUE STAKES OF UTAH
 UTILITY NOTIFICATION CENTER, INC.
 www.bluestakes.org
 1-800-662-4111



REVISIONS

DRAWN:	MSA
DESIGNER:	MDH
REVIEWED:	DIO
DATE:	JANUARY 2023
PROJECT #:	22RV128



SCALES

HORIZ:	1"=10'
VERT:	N/A
(24" x 36" SHEET)	

BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.

PROJECT NAME:
 13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
 BID SCHEDULE "A"
 DEMOLITION PLAN

PLAN SET:	SHEET
BID	C.01

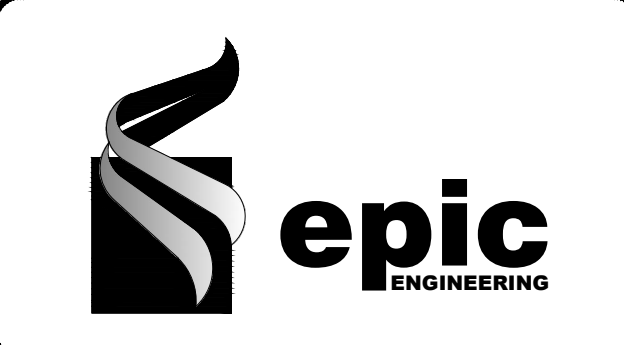
A DEMOLITION PLAN
 - SCALE: 1" = 10'



CONSTRUCTION NOTES

EX. CONCRETE BLOCK FOUNDATION, PROTECT IN PLACE
 ex. fence
 PRIVATE DRIVE
 EX. FILTER BANK & CANAL CROSSING
 CANAL MAINTENANCE ROAD
 REPLACE EX. CONCRETE FOUNDATION BLOCK
 8' SWING GATE, MOUNT TO SWING 180°
 ELECTRICAL JUNCTION BOX
 ex. power pole
 ex. overhead power
 ex. street light
 ex. mailbox
 ex. mailbox
 ex. mailbox
 ex. mailbox
 ex. 18" sewer
 ex. 20" hp gas
 ex. 24" storm drain
 ex. gas service
 ex. 4" gas
 ex. power & comm.
 ex. street light
 STAGING AREA
 ex. pump station
 2289 13400 S
 RIVERTON, UT
 84065
 13400 S

Know what's below. **811**
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REVISIONS

DRAWN:	MSA
DESIGNER:	MDH
REVIEWED:	DIO
DATE:	JANUARY 2023
PROJECT #:	22RV128



SCALES

HORIZ:	1" = 10'
VERT:	1" = 10'

BAR SCALE MEASURES 1" ON A FULL SIZE SHEET, ADJUST FOR A HALF SIZE SHEET.

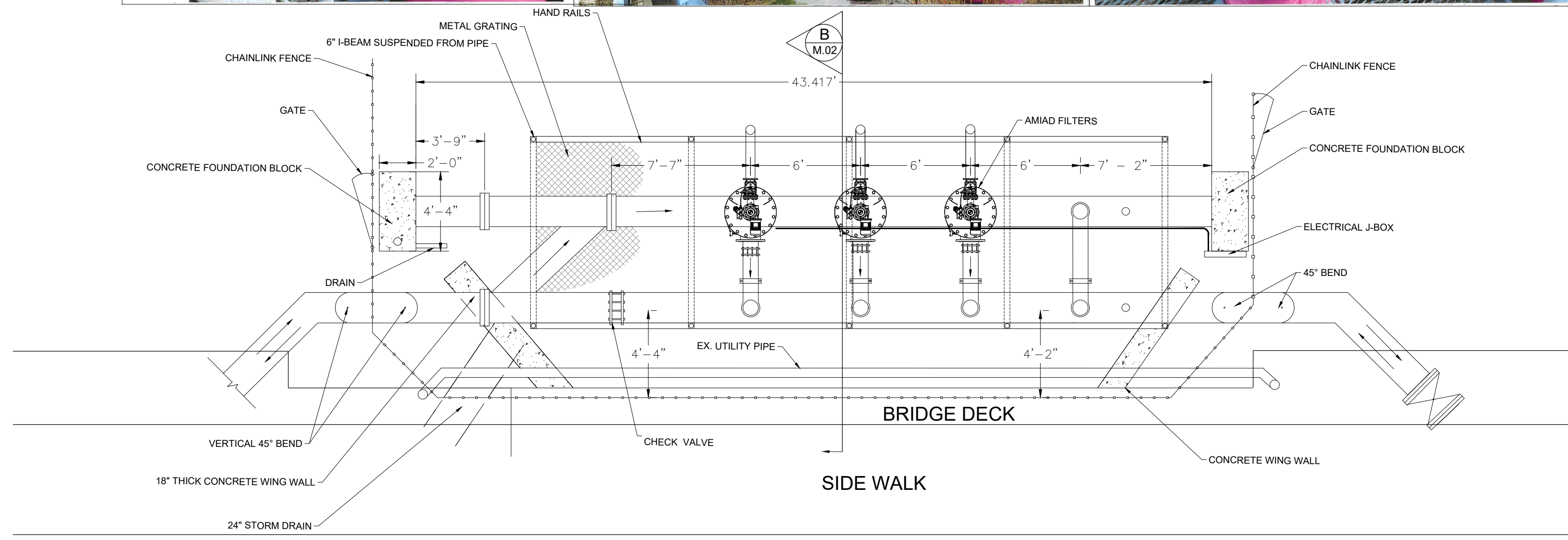
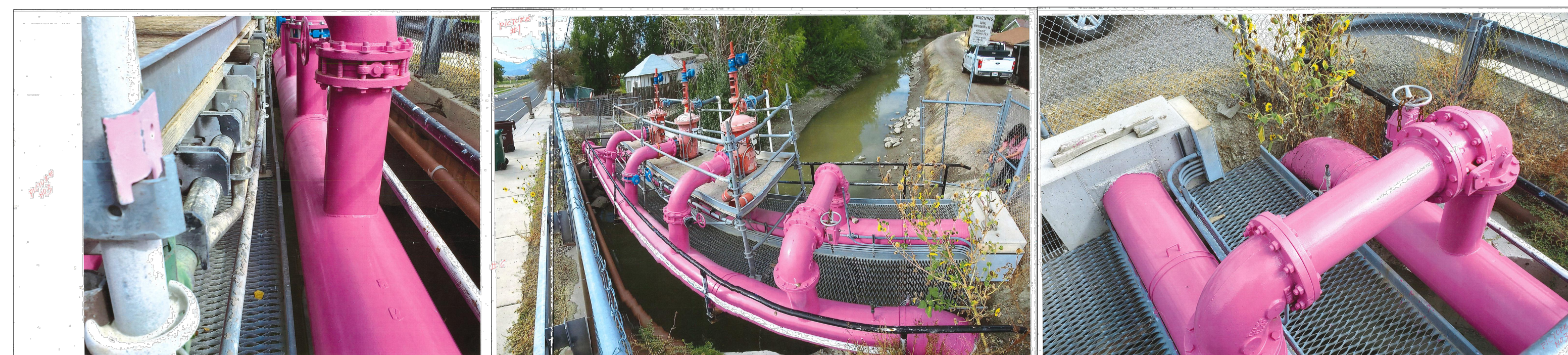
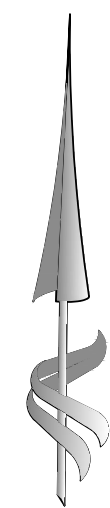
PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
BID SCHEDULE "A" SITE PLAN

PLAN SET:	SHEET
BID	C.02

A SITE PLAN
 - SCALE: 1" = 10'

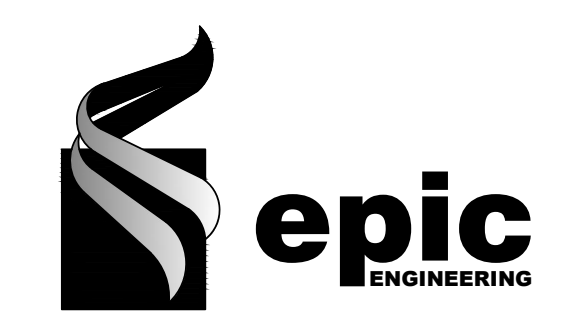
S:\Project - Archival\W\3\PEBA Riverton - CIV 22-01 - 128 Gdgr. Secondary Water Canal Crossing\MSA\Shaw's SITE PLAN.dwg



A EXISTING FILTER BANK - PLAN VIEW
 - SCALE: 1" = 5'

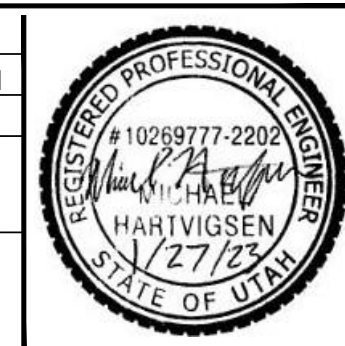
CONSTRUCTION NOTES

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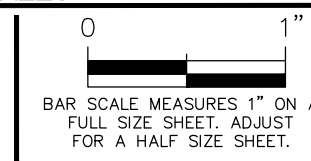
REVISIONS

DRAWN: MSA
 DESIGNER: MDH
 REVIEWED: DIO
 DATE: JANUARY 2023
 PROJECT #: 22RV128



SCALES

HORIZ: 1"=5'
 VERT: N/A
 (24" x 36" SHEET)



PROJECT NAME:

**13400 SOUTH CANAL
 FILTER BANK**

SHEET TITLE:

**BID SCHEDULE "A"
 EXISTING FILTER
 BANK-PLAN VIEW**

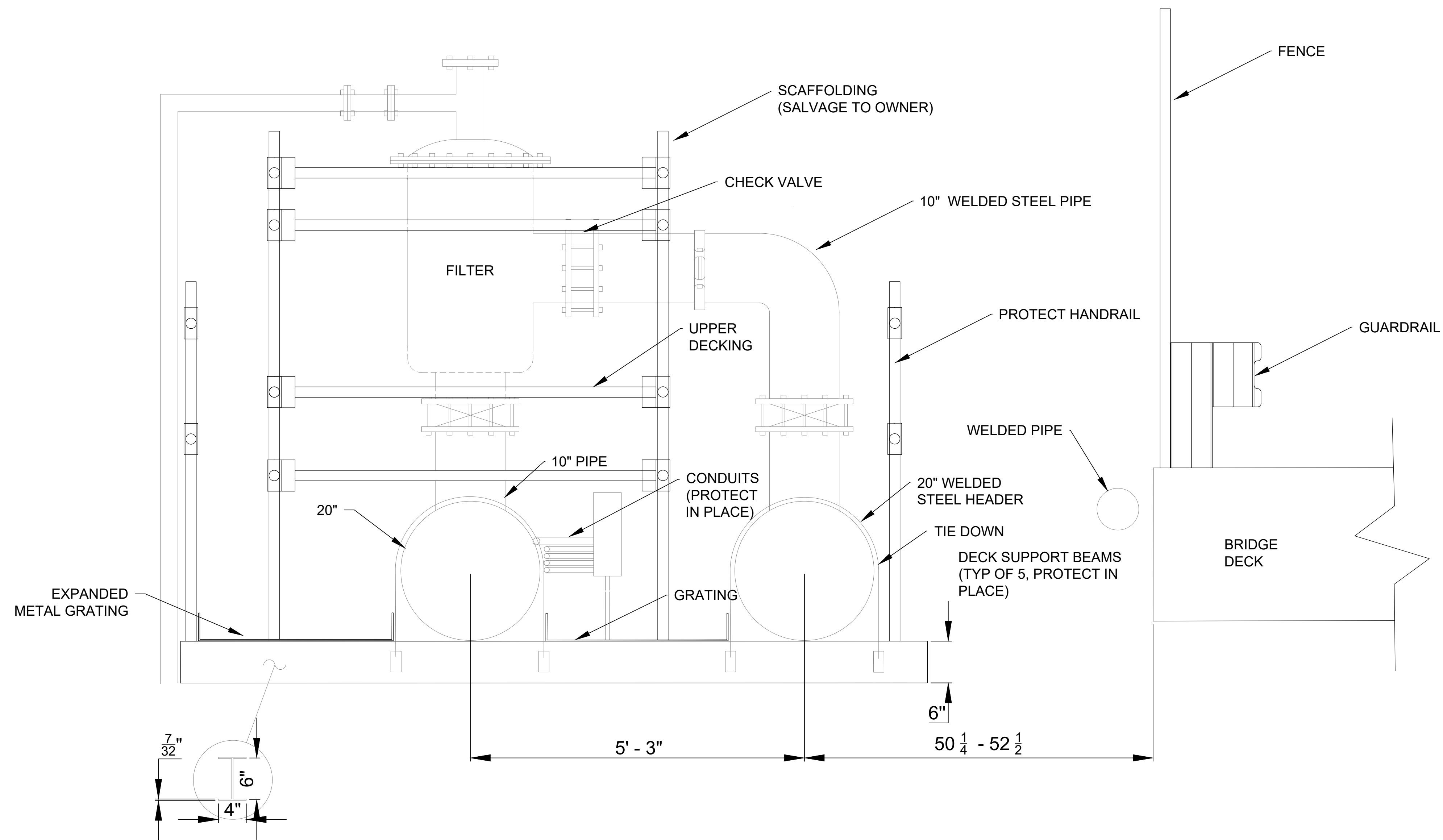
PLAN SET:

BID

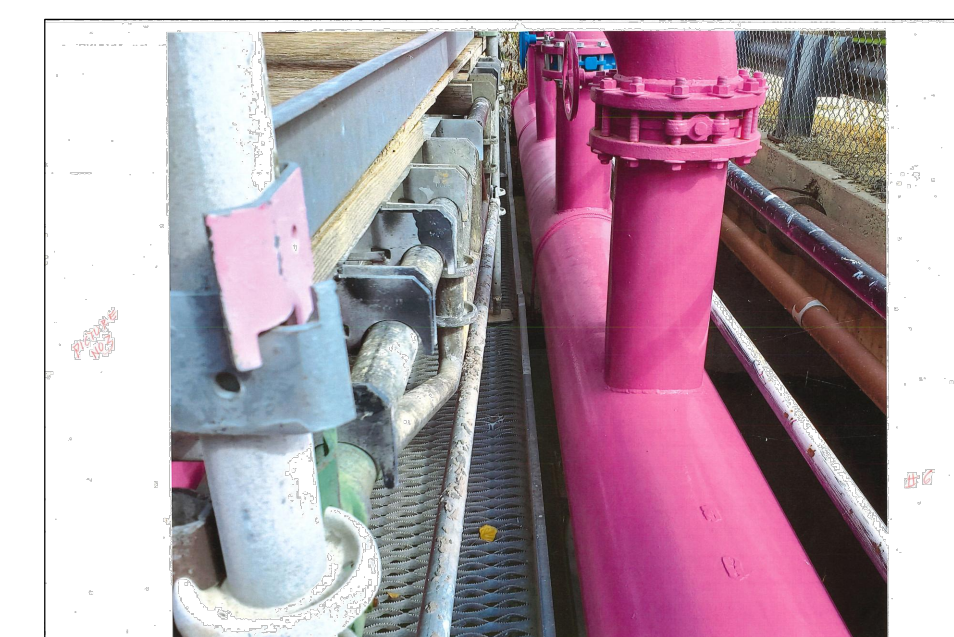
SHEET

M.01

S:\Project Archive\WV\FB00\Filtration-CIV\22-RV-128 Code Secondary Water Canal Crestona\FB00_Schedule M.02 Elevation PLAN.dwg



B EXISTING FILTER BANK - SECTION VIEW
SCALE: 1" = 10'



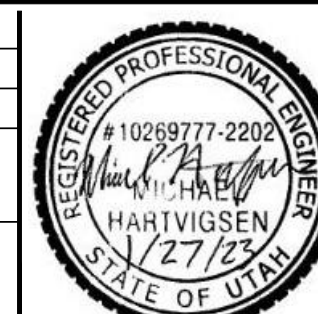
CONSTRUCTION NOTES

N:_C3D_2010\LOGO\BLUESTAKES.gif



REVISIONS	

DRAWN: MSA
DESIGNER: MDH
REVIEWED: DIO
DATE: JANUARY 2023
PROJECT #: 22RV128

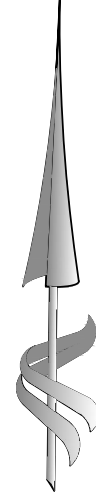


SCALES	
HORIZ: 1"=10'	0 1"
VERT: N/A	BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.
(24" x 36" SHEET)	

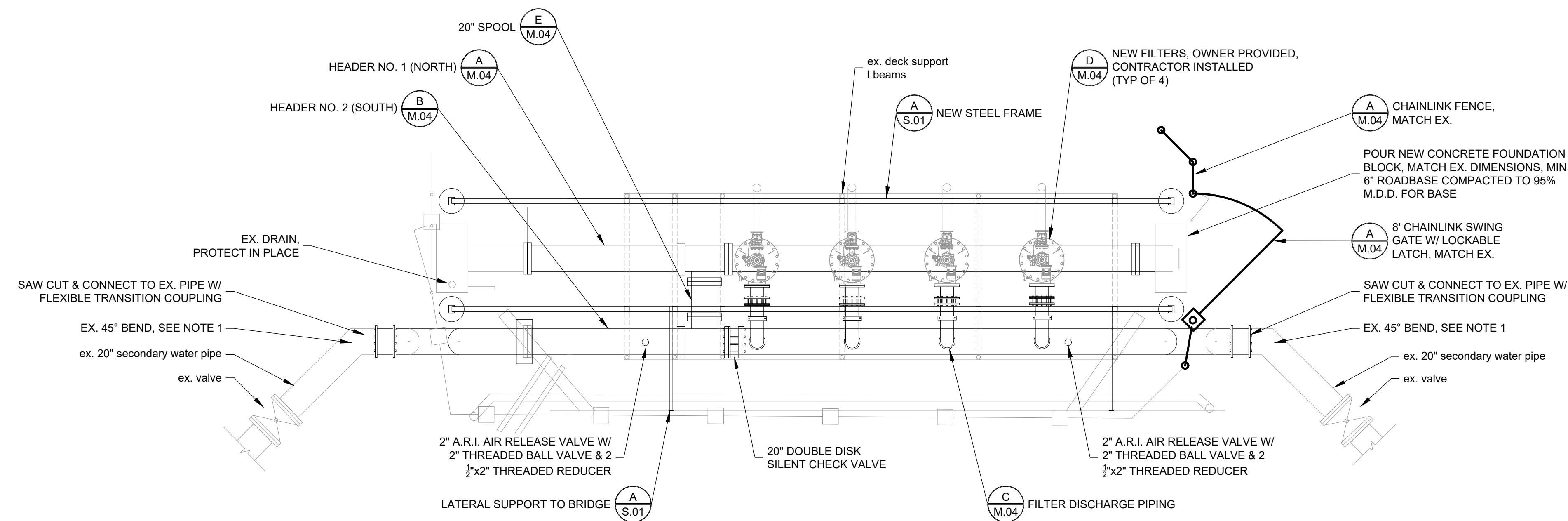
PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
BID SCHEDULE "A" EX. FILTER BANK-SECTION VIEW

PLAN SET:	SHEET
BID	M.02



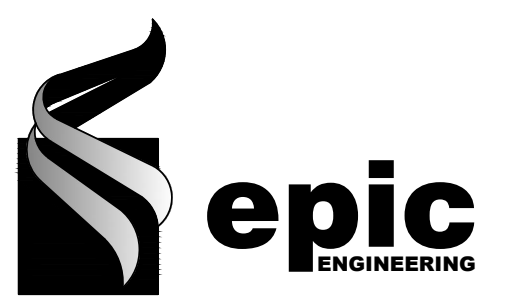
PICTURES OF EXISTING STRUCTURE



A FILTER BANK - PLAN VIEW
- SCALE: 1" = 5'

CONSTRUCTION NOTES

1. CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF HEADER NO 2. IF THE ELEVATION OF THE CONNECTION TO THE EX. BURIED PIPE IS OFF, THE CONTRACTOR SHALL EXPOSE THE EX. PIPE & INSTALL AN ADDITIONAL MJ SLEEVE FAR ENOUGH FROM THE BEND TO ADJUST THE PIPES VERTICALLY TO MAKE UP THE DIFFERENCE. AN ADDITIONAL LINE ITEM HAS BEEN INCLUDED IN THE BID SCHEDULE TO COVER THIS WORK.



REVISIONS	

DRAWN:	MSA
DESIGNER:	MDH
REVIEWED:	DIO
DATE:	JANUARY 2023
PROJECT #:	22RV128

SCALES	
HORIZ: 1"=5'	0 1"
VERT: N/A	BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.
(24" x 36" SHEET)	

PROJECT NAME:
**13400 SOUTH CANAL
FILTER BANK**

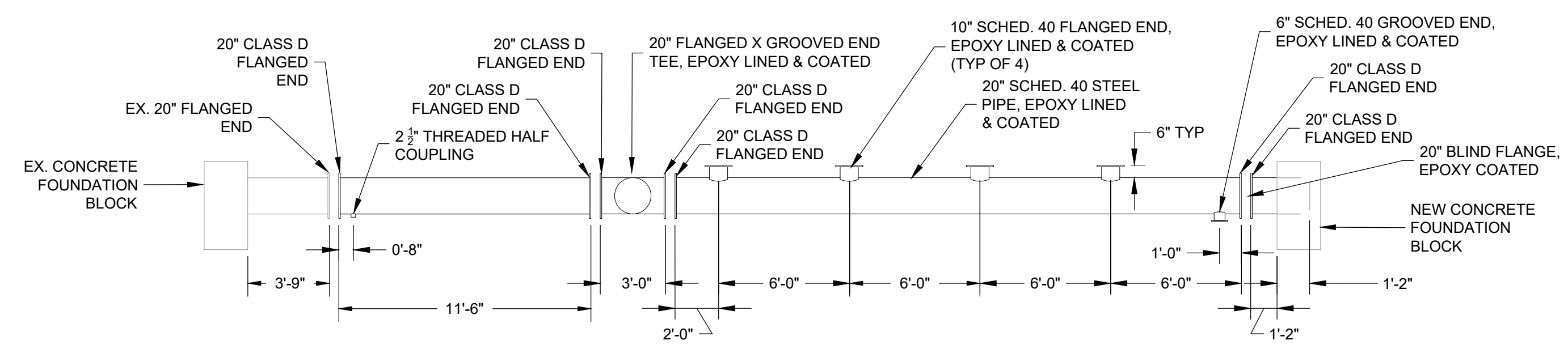
SHEET TITLE:
**BID SCHEDULE "A"
NEW FILTER BANK-PLAN
VIEW**

PLAN SET:	SHEET
BID	M.03

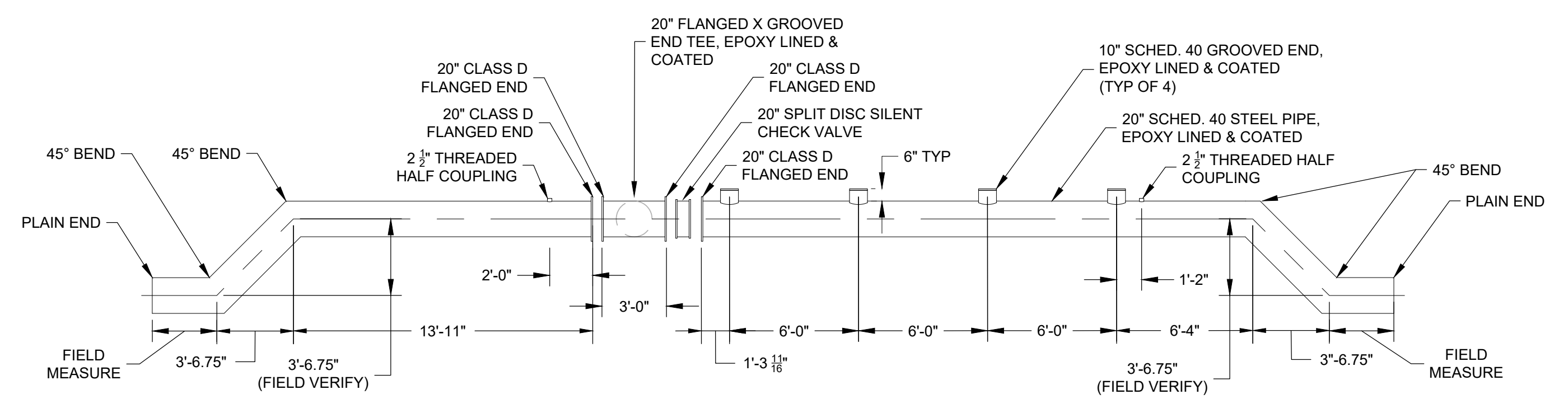
CONSTRUCTION NOTES

NOTES:

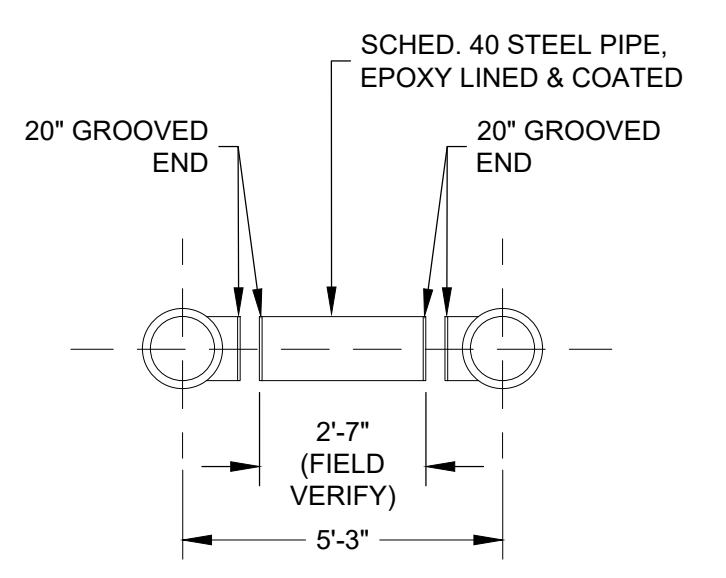
1. CONTRACTOR SHALL VERIFY & CONFIRM MEASUREMENTS BASED ON IN FIELD CONDITIONS PRIOR TO DEMOLITION.
2. THIS DIMENSION IS BASED ON THE THICKNESS OF THE SELECTED BUTTERFLY VALVE. CONTRACTOR FOR REVIEW IN THE SUBMITTAL PROCESS.
3. DUE TO THE FIXED ELEVATION OF THE EXISTING PIPES, 1 OR ALL 4 OF THE VERTICAL SPOOLS MAY REQUIRE FILED ADJUSTMENT.



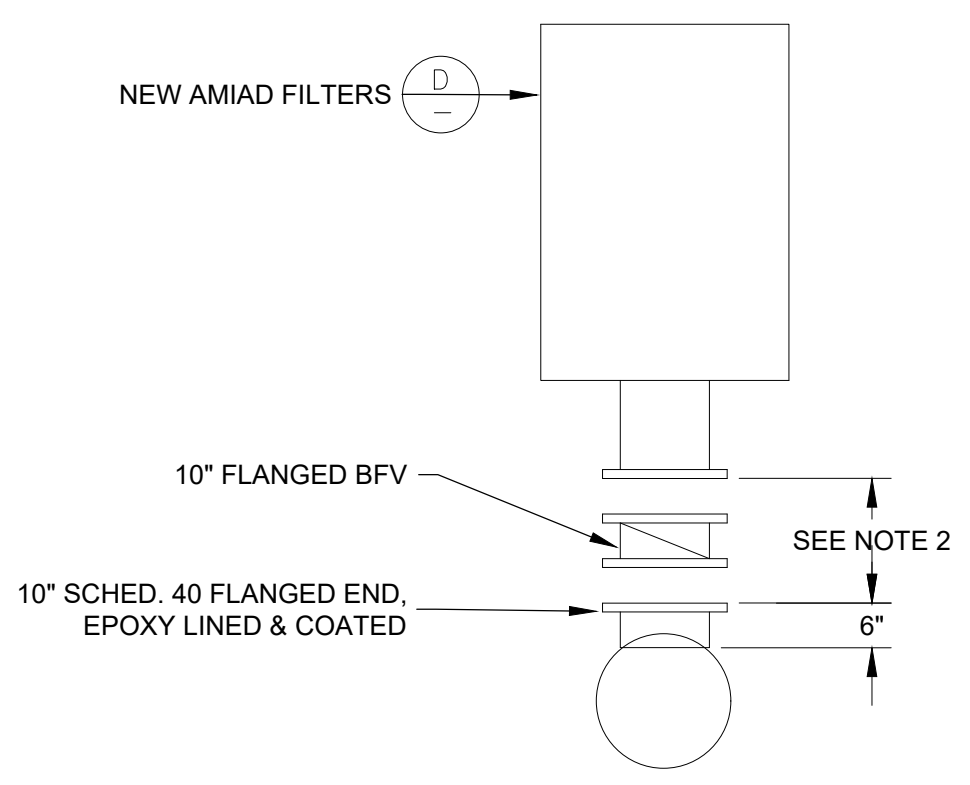
A 20" HEADER NO. 1 (NORTH)
- SCALE: 1" = 5'



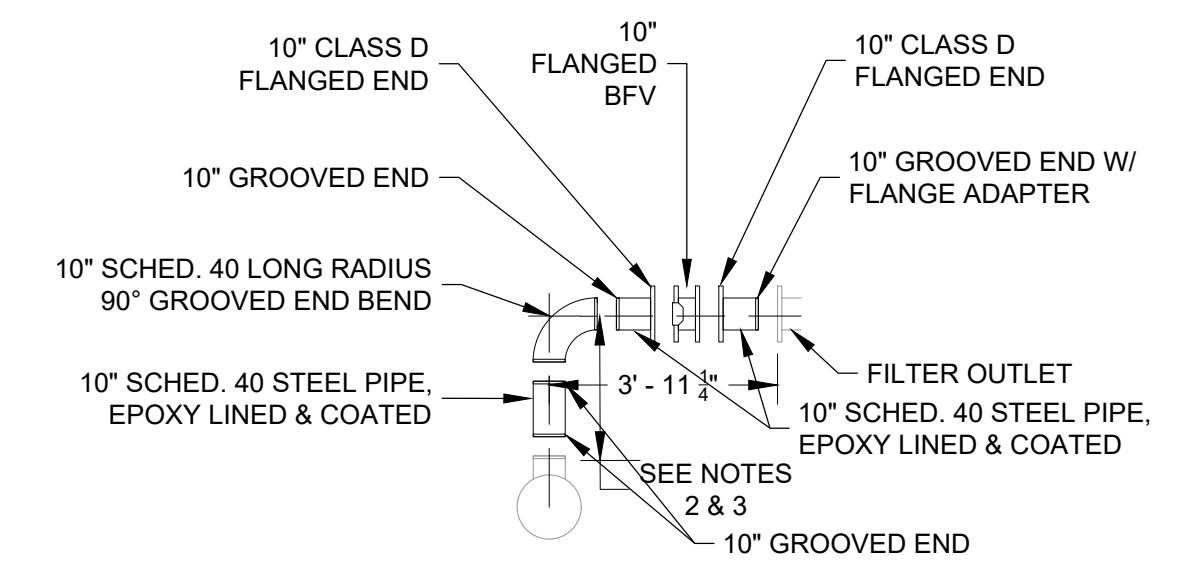
B 20" HEADER NO. 2 (SOUTH)
- SCALE: 1" = 5'



E HEADERS 1 & 2 CONNECTION
- SCALE: 1" = 5'



F FILTER INLET PIPING
- SCALE: 1" = 5'



C FILTER DISCHARGE PIPING
- SCALE: 1" = 5'

REV.	DATE	DESCRIPTION	NAME
A	16/07/2013	Adding Filter Volume and Changed Total Height	orenw

WEIGHT	
POUND	KG
911	414

VOLUME	
LITER	USG
201	53.1

CENTER OF GRAVITY		
AXIS	INCH	MM
X	-0.09	-2.2
Y	0.05	1.2
Z	38.16	969.3

* Approx. height required for maintenance.

NAME	DATE	SUBJECT/PROJECT:	MATERIAL:
DRAWN	09/06/2013	EBS-10000 FILTER	
CHECKED		PART NAME/TITLE:	CAT. NO:
APPROVED		10" EBS 10000 OL	
		DRW. NO:	Rev.:
		KES1.H100F.001	A
		SCALE: 1:20	SIZE: A4
			SHEET 1 OF 1

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D AMIAD FILTERS
- SCALE: N.T.S.

REVISIONS

NO.	DESCRIPTION

DRAWN: MSA
DESIGNER: MDH
REVIEWED: DIO
DATE: JANUARY 2023
PROJECT #: 22RV128

SCALES

HORIZ: 1"=5'
VERT: N/A
(24" x 36" SHEET)

PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

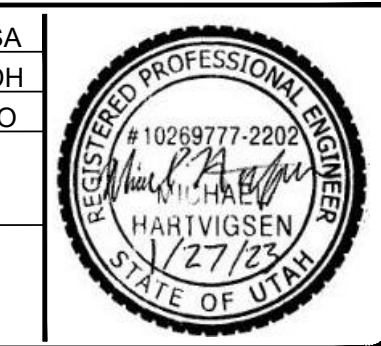
SHEET TITLE:
BID SCHEDULE "A" MECHANICAL DETAILS

PLAN SET: BID SHEET
M.04

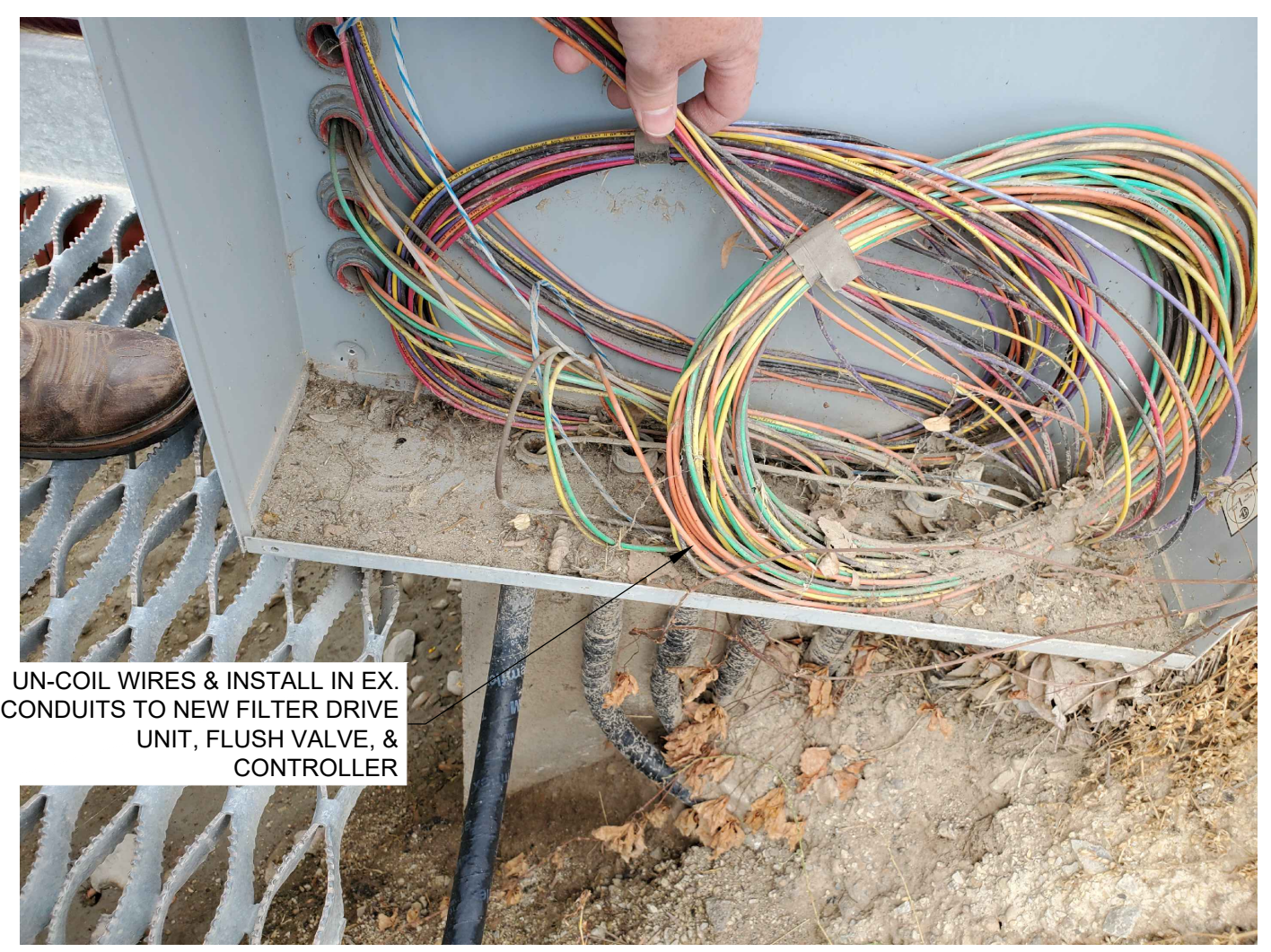
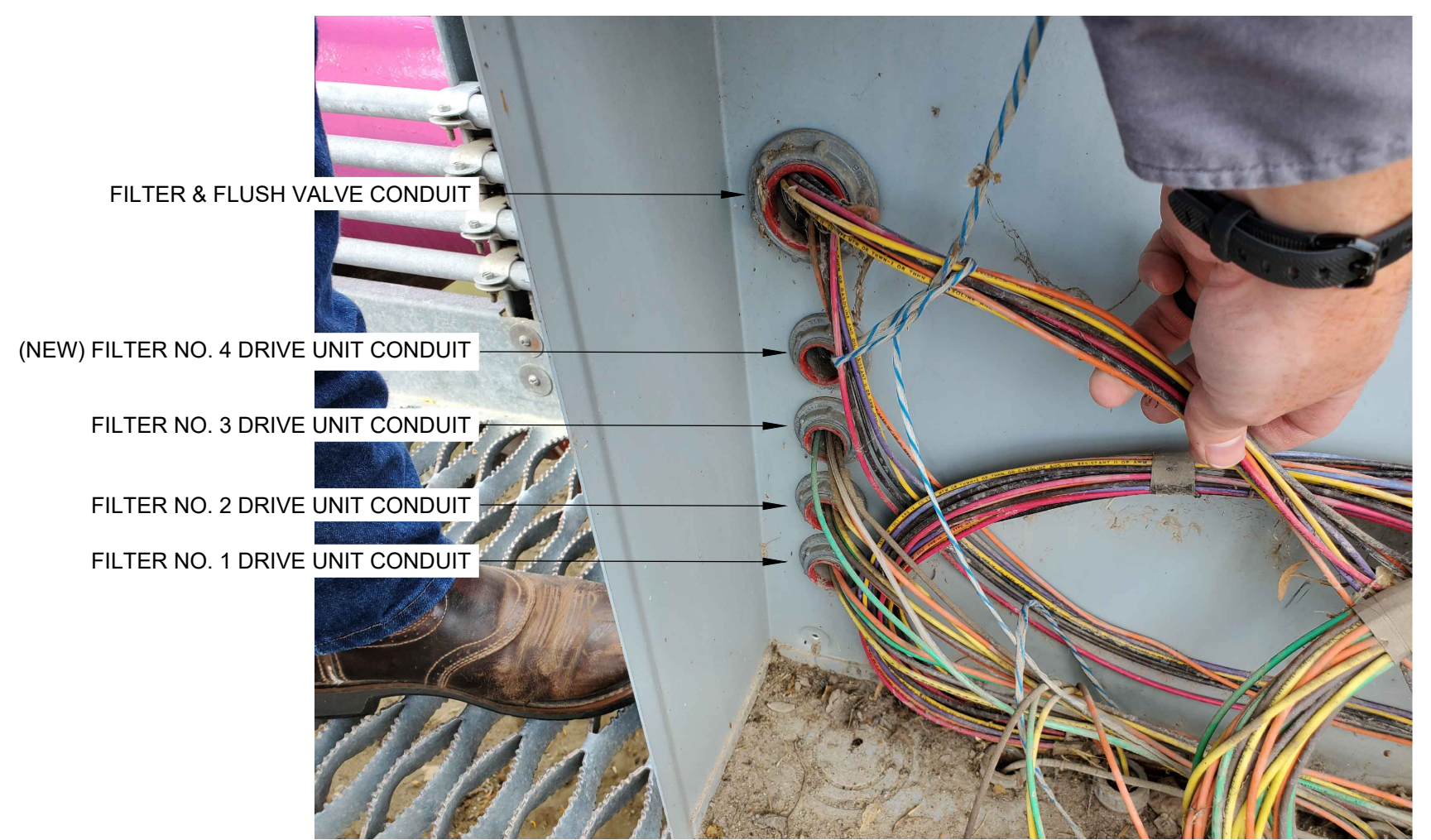
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epic
ENGINEERING



S:\Project Archive\WCT\PROJ\Bentley-CAD\22-RV-128\Geog. Secondary Water Canal_Crossing\DWG\Sheet\Mechanical Plans.dwg



UN-COIL WIRES & INSTALL IN EX. CONDUITS TO NEW FILTER DRIVE UNIT, FLUSH VALVE, & CONTROLLER

B JUNCTION BOX—PHOTO 1
SCALE: N.T.S.

C JUNCTION BOX—PHOTO 2
SCALE: N.T.S.



DISCONNECT POWER TO DRIVE UNIT, RECONNECT TO NEW FILTER (TYP EACH EX. FILTER)

DISCONNECT POWER TO FLUSH VALVE, RECONNECT TO NEW FILTER (TYP EACH EX. FILTER)

DISCONNECT POWER TO CONTROLLER, RECONNECT TO NEW FILTER (TYP EACH EX. FILTER)

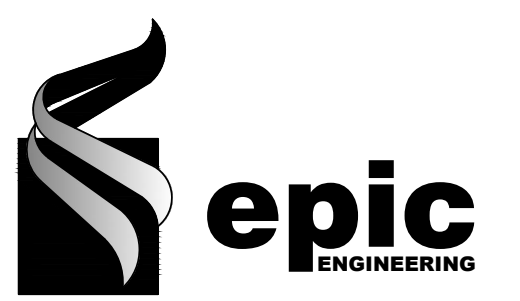
CONNECT POWER TO NEW FILTER DRIVE UNIT, MATCH EX. CONDUIT

CONNECT POWER TO NEW FILTER CONTROLLER & FLUSH VALVE, MATCH EX. CONDUIT

EX. JUNCTION BOX, SEE DETAILS B & C

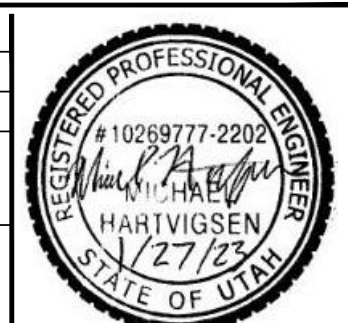
A EXISTING ELECTRICAL—ISOMETRIC VIEW
SCALE: N.T.S.

CONSTRUCTION NOTES



REVISIONS

DRAWN: MSA
DESIGNER: MDH
REVIEWED: DIO
DATE: JANUARY 2023
PROJECT #: 22RV128



SCALES

HORIZ: N.T.S.	0 1"
VERT: N.T.S. (24" x 36" SHEET)	

BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.

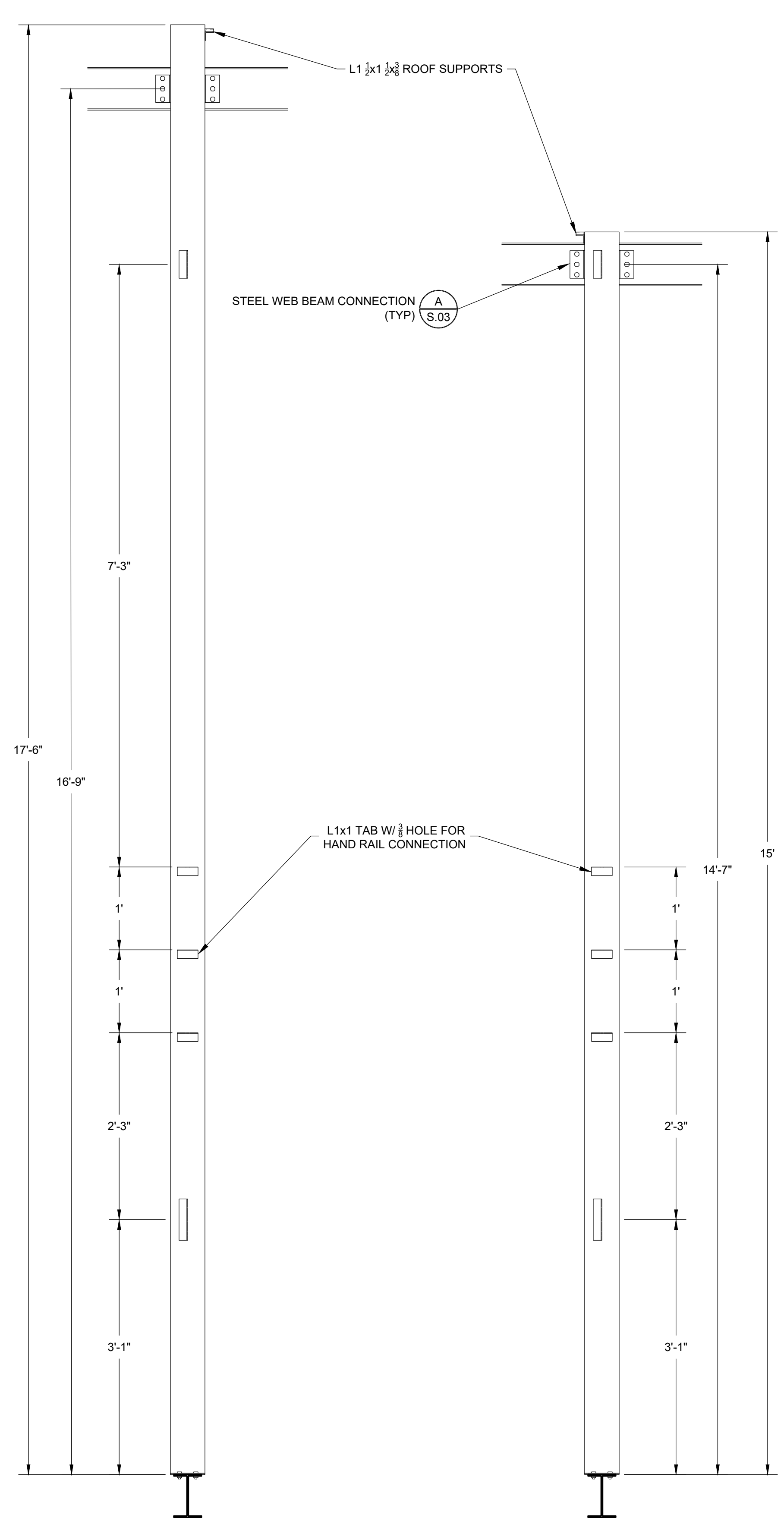
PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
BID SCHEDULE "A" ELECTRICAL DETAILS

PLAN SET:	SHEET
BID	E.01

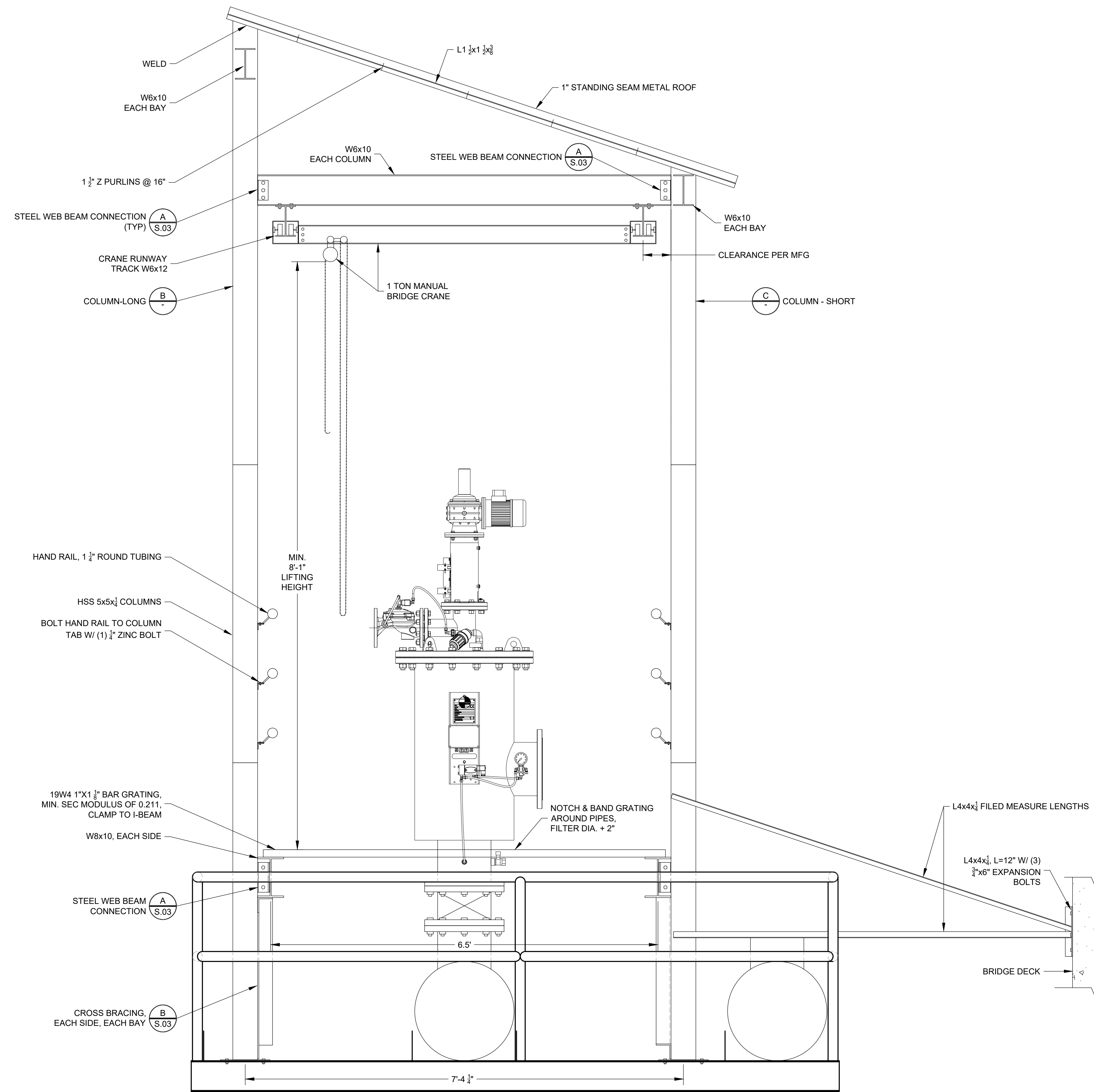
S:\Project Archive\WV\PROJ\Bentley-CDV-RV-128-02.dwg Secondary Water Canal -Crescenta\DWG\Sheet\A\ELECTRICAL.dwg

S:\Project Archive\WV\PE00\Bierman-CIA\22-RV-128 Code Secondary Water Canal Crested\WV\PE00\Bierman-CIA\22-RV-128 Code Secondary Water Canal Crested\ELEVATION PLAN.dwg



B COLUMN - LONG
1" = 1"

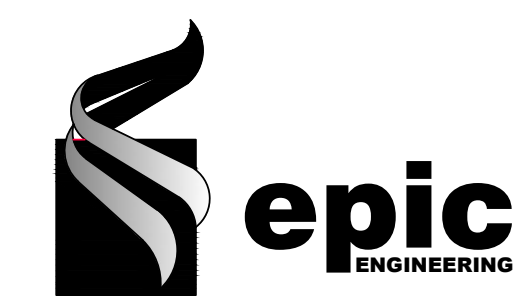
C COLUMN - SHORT
1" = 1"



A STEEL FRAME SECTION
1" = 1"

CONSTRUCTION NOTES

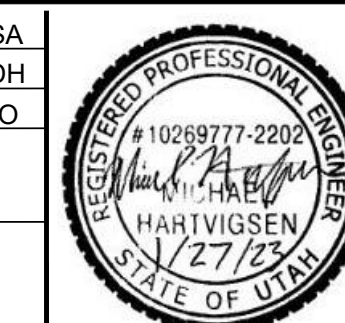
N:_C3D 2010\LOGO\BLUESTAKES.gif



REVISIONS

NO.	DATE	DESCRIPTION

DRAWN:	MSA
DESIGNER:	MDH
REVIEWED:	DIO
DATE:	JANUARY 2023
PROJECT #:	22RV128



SCALES	
HORIZ:	1" = 1'
VERT:	N/A
BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.	

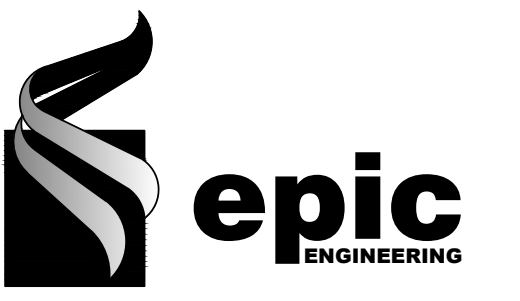
PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
BID SCHEDULE "B" ELEVATIONS

PLAN SET:	SHEET
BID	S.01

CONSTRUCTION NOTES

N:_C3D_2010\LOGO\BLUESTAKES.gif



REVISIONS

NO.	DESCRIPTION

DRAWN: MSA
 DESIGNER: MDH
 REVIEWED: DIO
 DATE: JANUARY 2023
 PROJECT # 22RV128



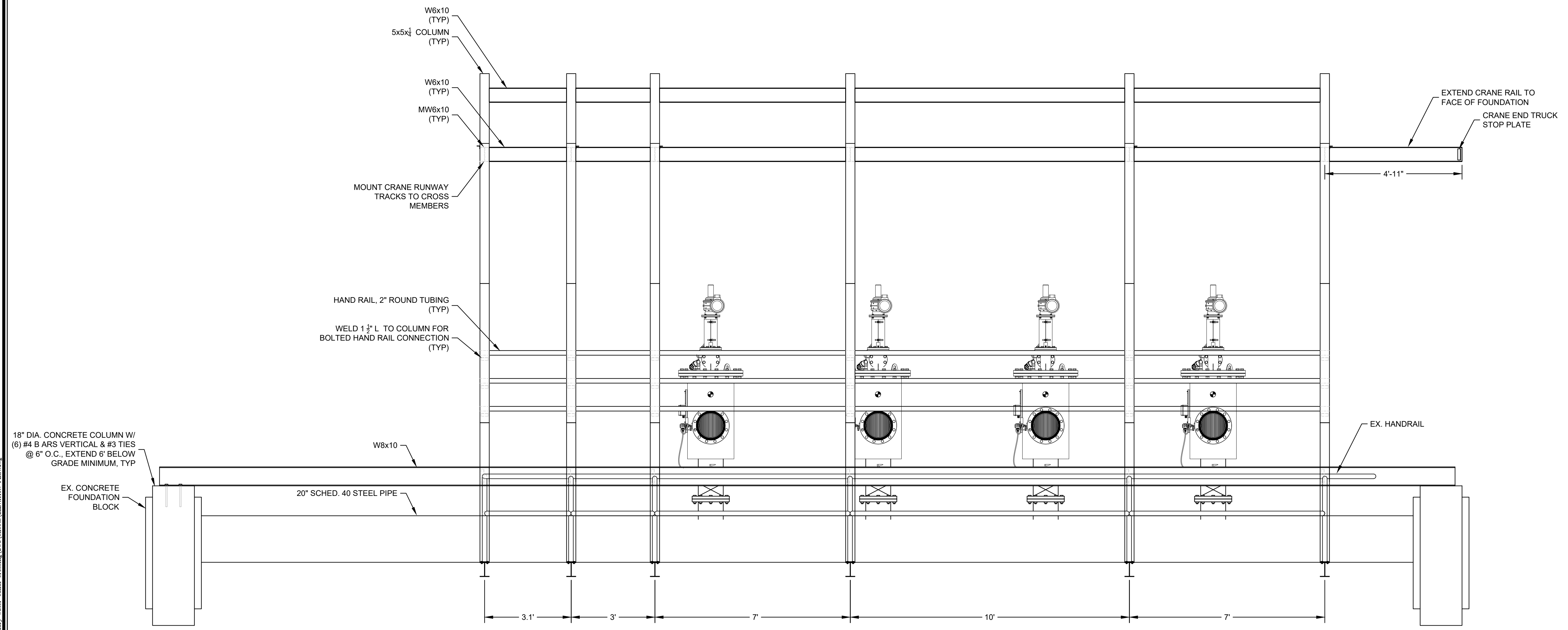
SCALES
 HORIZ: 1"=2'
 VERT: N/A
 (24" x 36" SHEET)
 BAR SCALE MEASURES 1" ON A FULL SIZE SHEET. ADJUST FOR A HALF SIZE SHEET.

PROJECT NAME:
**13400 SOUTH CANAL
 FILTER BANK**

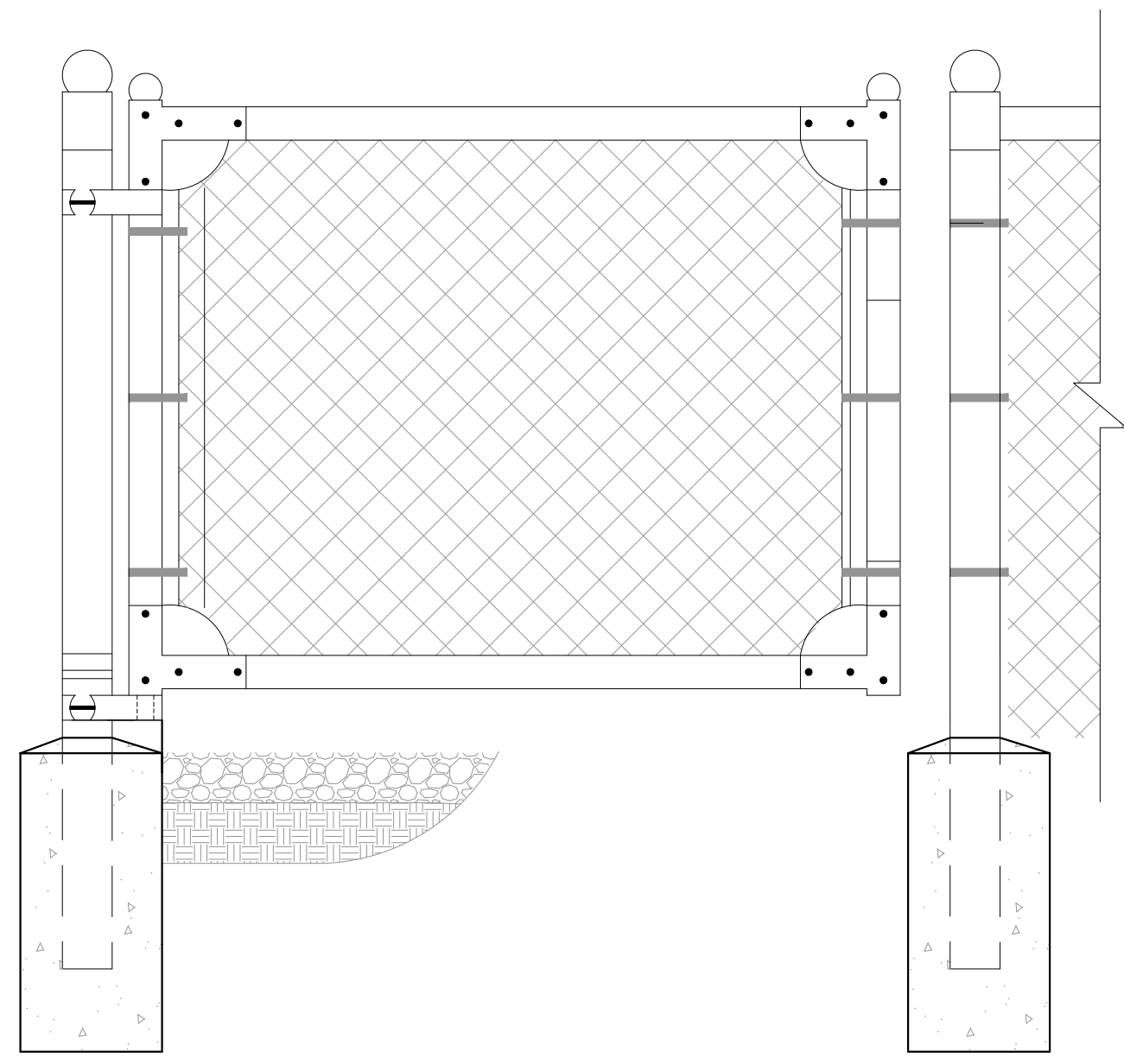
SHEET TITLE:
**BID SCHEDULE "B"
 ELEVATIONS**

PLAN SET: BID SHEET: **S.02**

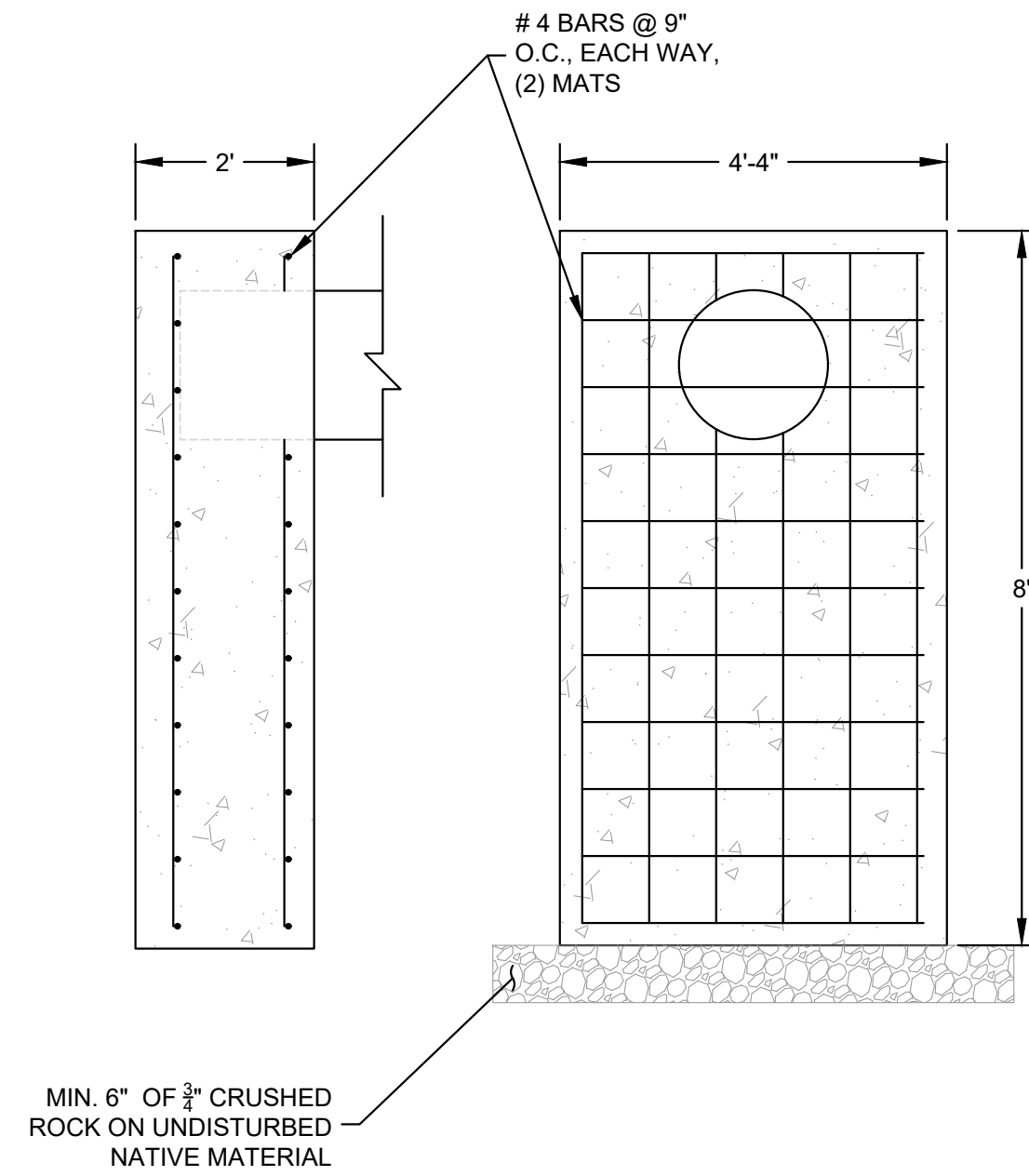
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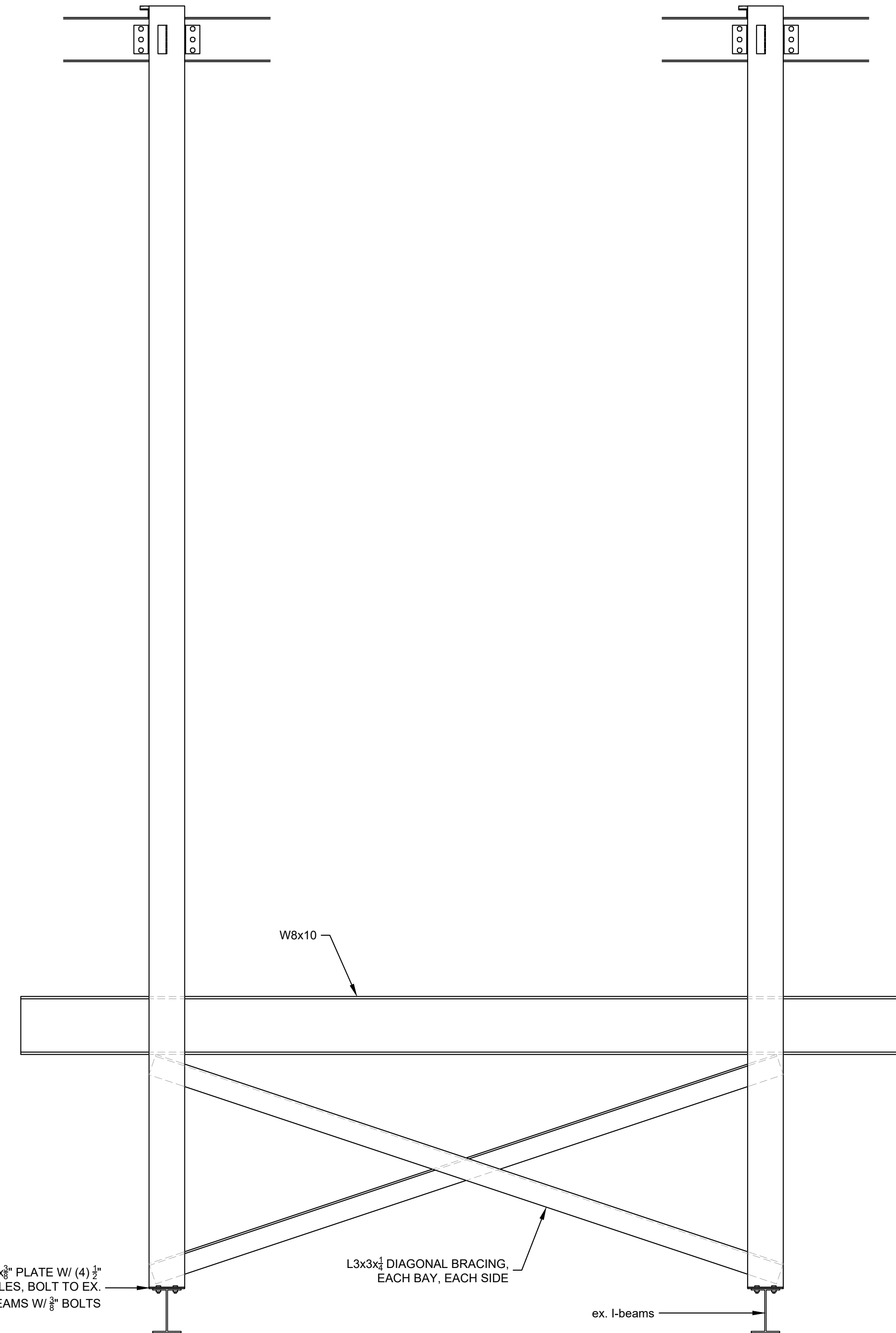
B STEEL FRAME SECTION
 1" = 2'



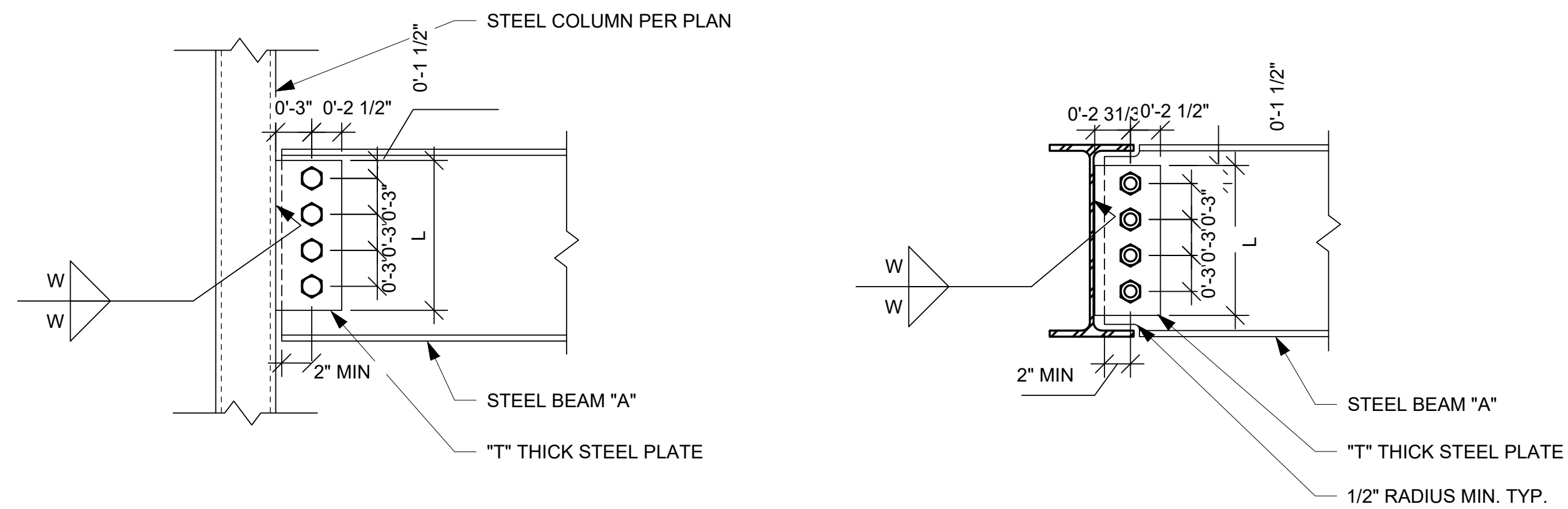
Y SWING GATE
SCALE: N.T.S.



X CONCRETE FOUNDATION BLOCK
1" = 2'



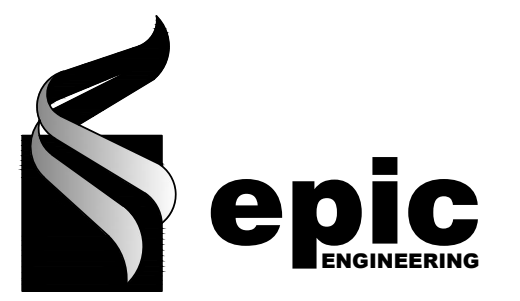
B CROSS BRACING
1" = 1'



A STEEL WEB BEAM CONNECTION
1" = 10'

BEAM "A"	L	T	NUMBER OF BOLTS	BOLT DIAMETER	W
W8x	6 1/2"	1/2"	2	1"	5/16"
W10x	6 1/2"	1/2"	2	1"	5/16"
W12x	9 1/2"	1/2"	3	1"	5/16"
W14x	9 1/2"	1/2"	3	1"	5/16"
W16x	12 1/2"	1/2"	4	1"	5/16"
W18x	15 1/2"	1/2"	5	1"	5/16"

N:_C3D 2010\LOGO\BLUESTAKES.gif



REVISIONS

DRAWN: MSA
 DESIGNER: MDH
 REVIEWED: DIO
 DATE: JANUARY 2023
 PROJECT #: 22RV128

SCALES

HORIZ: VARIES
 VERT: N/A
 (24" x 36" SHEET)

BAR SCALE MEASURES 1" ON A FULL SIZE SHEET, ADJUST FOR A HALF SIZE SHEET.

PROJECT NAME:
13400 SOUTH CANAL FILTER BANK

SHEET TITLE:
BID SCHEDULE "B" STRUCTURAL DETAILS

PLAN SET: BID SHEET: **S.03**