

**JORDAN VALLEY WATER CONSERVANCY DISTRICT
JA-2 FLOW CONTROL VAULT IMPROVEMENTS
DISTRICT PROJECT NO. 4352**

OCTOBER 2025

ADDENDUM NO. 2

PART 1 – GENERAL

- A. The following ADDENDUM shall be made part of the Bidding Documents, and the Bidder shall acknowledge receipt thereof on page C-1 of the BID. The addendum consists of 2 pages of written text (including this cover sheet) and 2 drawing sheets.
- B. This addendum does not change the bid date. It is still Wednesday, October 22, 2025, at 3:00 P.M.

1.1 CHANGES TO DRAWINGS

- 1.1.1 Drawing M1, item five (5) on the material schedule was revised to state “INSTALL INSULATING FLANGE AND DC BLOCKER AS SPECIFIED”. Along with this change item six (6) was added to the material schedule to state “INSTALL INSULATING FLANGE AS SPECIFIED”. Item five (5) will only be applied to the flanges connected to the dismantling joints adjacent to the meters. Please follow the additional specifications below and the “DC BLOCKING DEVICE FLANGE MOUNT” detail on the attached sheet M3.
- 1.1.2 Drawing M3, two additional callouts were added to Section View A-A. One callout for installing insulating flange kits to both sides of the 66” butterfly valve and a cad welded jumper (2/0 awg copper wire) to be installed per specification listed below. The second callout is to include a DC Blocker on the middle flange pair, or the east set of flanges. Additionally, a detail for the DC Blocking Device Flange Mount has been added to the sheet.

1.2 CHANGES TO SPECIFICATIONS

- 1.2.1 Section 15005.201.02 “Pipe Flanges” paragraph F has been revised to the following:

“Insulating Flange Sets: Insulating flange sets shall be provided by the Contractor where shown. Each insulating flange set shall consist of an insulating gasket, insulating sleeves and washers and a steel washer. Insulating sleeves and washers shall be one piece when flange bolt diameter is 1-1/2 inches or smaller and shall be made of acetal resin. For bolt diameters larger than 1-1/2 inches, insulating sleeves and washers shall be two-piece and shall be made of polyethylene or phenolic. Steel washers shall be in accordance with ASTM A 325. Insulating gaskets shall be full-face. Complete assembly shall have an ANSI rating of 150 pounds, minimum, or equal to or higher than that of the joint and pipeline. Gasket materials shall be resistant to intended chemical exposure, operating temperatures, and pressures in the pipeline.”

1.2.2 Section 15005.201.02 “Pipe Flanges” paragraph G has been revised to the following:

“Insulating Flange Manufacturers, or Equal

1. JM Red Devil, Type E
2. Maloney Pipeline Products Co., Houston
3. PSI Products, Inc., Burbank, California.
4. GPT, Denver, CO.
5. Central Plastics Co., Shawnee, OK.
6. Advance Products and Systems, Scott, LA”

1.2.3 Section 15005.201.03 paragraph A.4 was revised to the following:

“Insulating Couplings: Install insulating components to electrically isolate the pipeline to be protected with cathodic protection as shown on the Drawings. Align and install insulating joints according to the manufacturer’s recommendations to avoid damaging insulating materials. The contractor shall test each insulated joint for electrical insulation as specified in this section. Defective insulating joints shall be repaired by the Contractor at their sole expense. All damaged or defective insulation parts shall be replaced.”

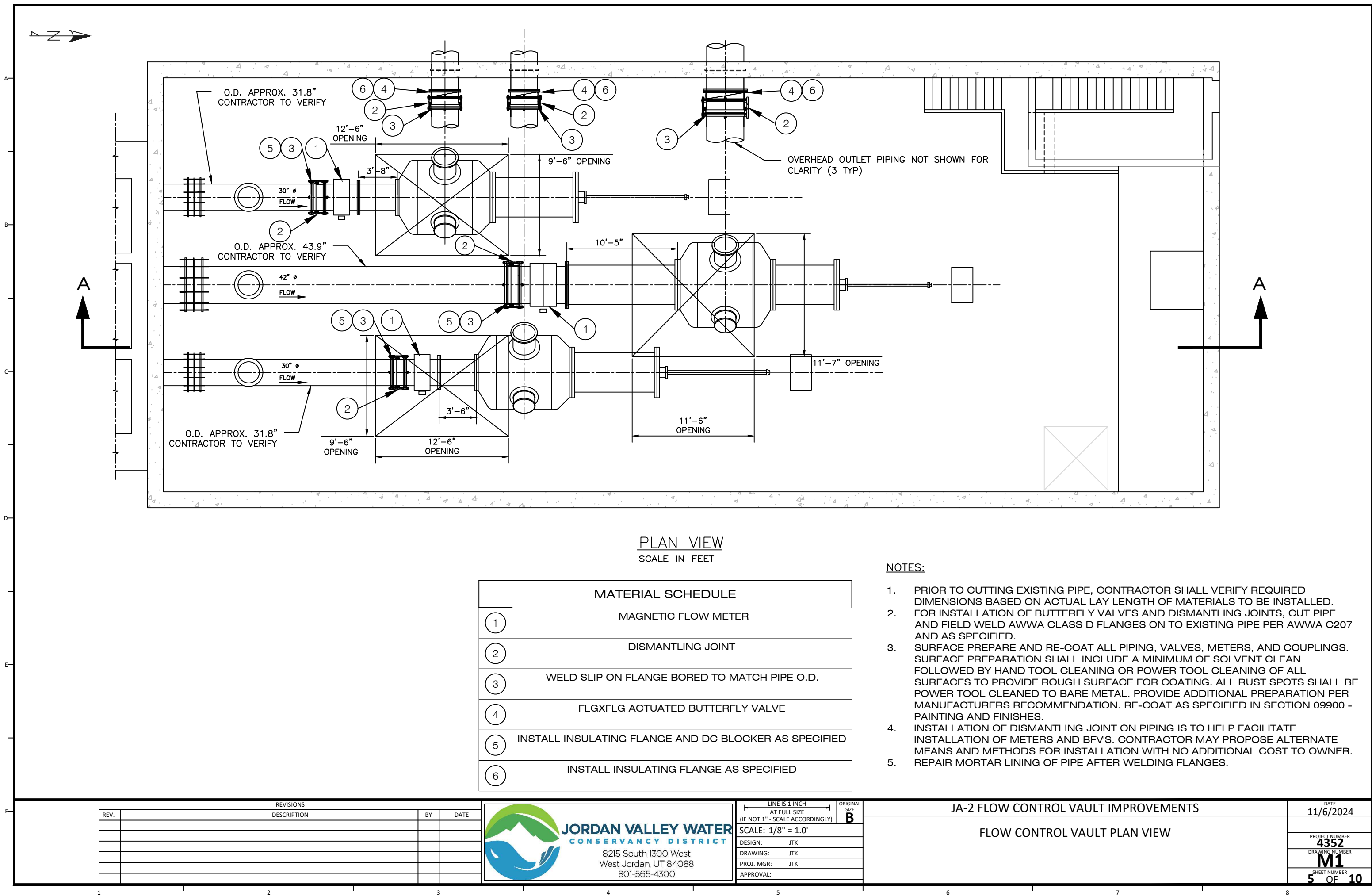
1.2.4 Section 15005.201.05 “DC Blockers – Solid State Decoupler (SSD)” was added to the Specifications and includes the following:

“A. DC Blockers – Solid State Decoupler (SSD) – Use at both Flow Control Structure and Outlet Valve Structure.

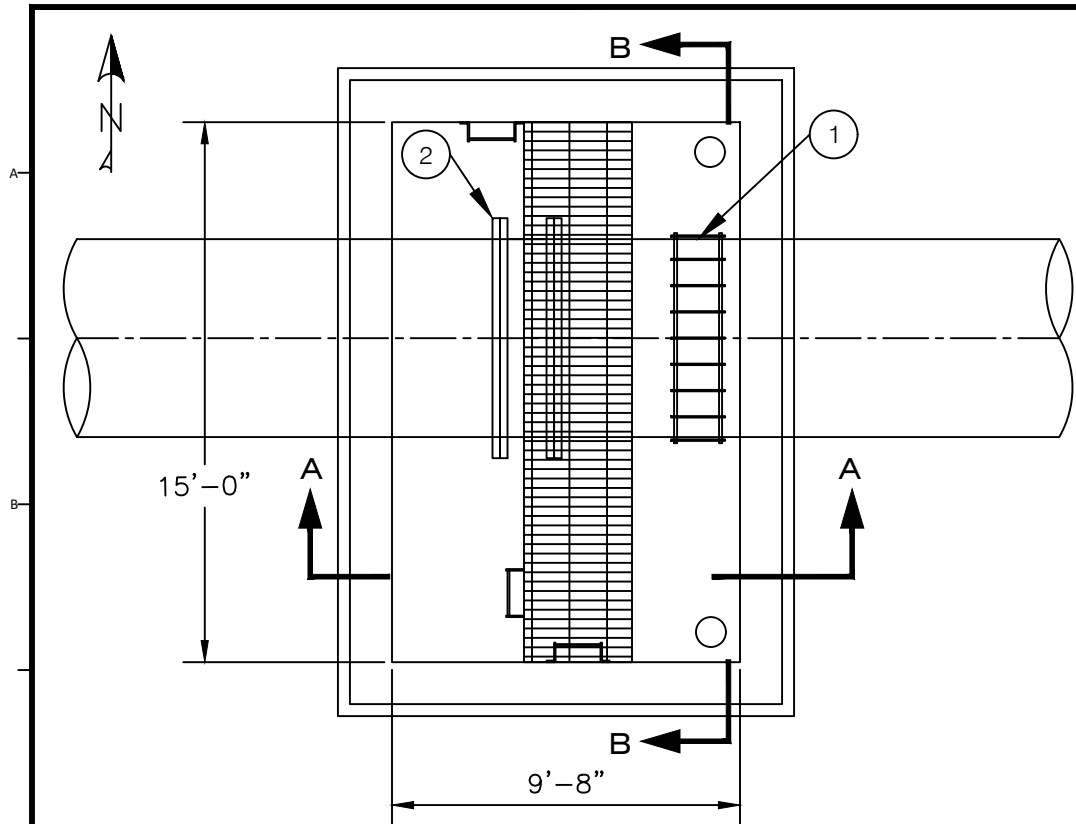
1. SSD isolation devices shall be solid-state electronic devices capable of passing AC current while blocking dc current.
2. Device shall have electrical capacities of 3.7KA fault current and 100 amperes lightning surge current.
3. Device shall have asymmetrical dc blocking capabilities of –3 volts to +1 volts.
4. SSDs shall be Model No. SSD-3/1-3.7-100-R as manufactured by Dairyland Electrical Industries.
5. Mounting Hardware: Manufacturer’s standard, as approved by Engineer.”

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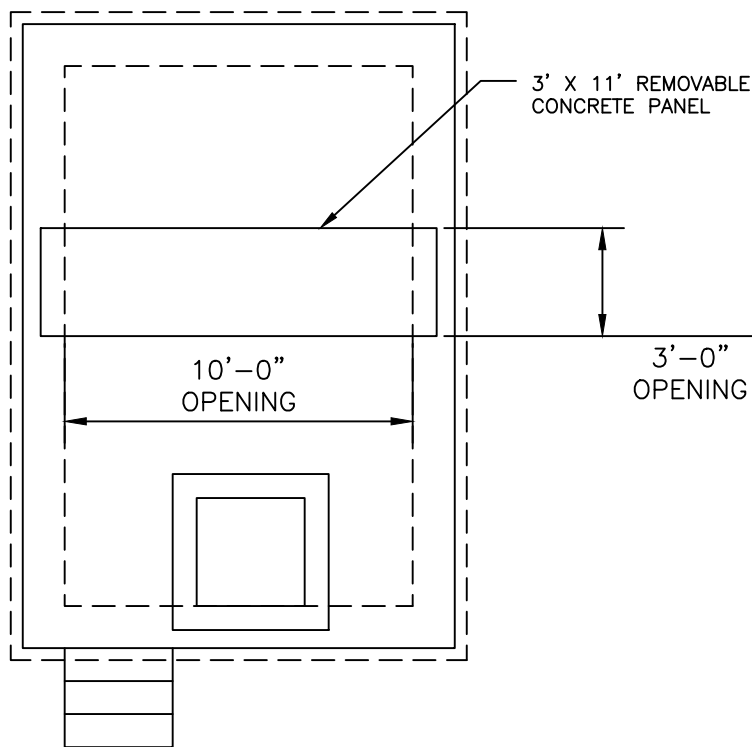
John Kahle
Staff Engineer



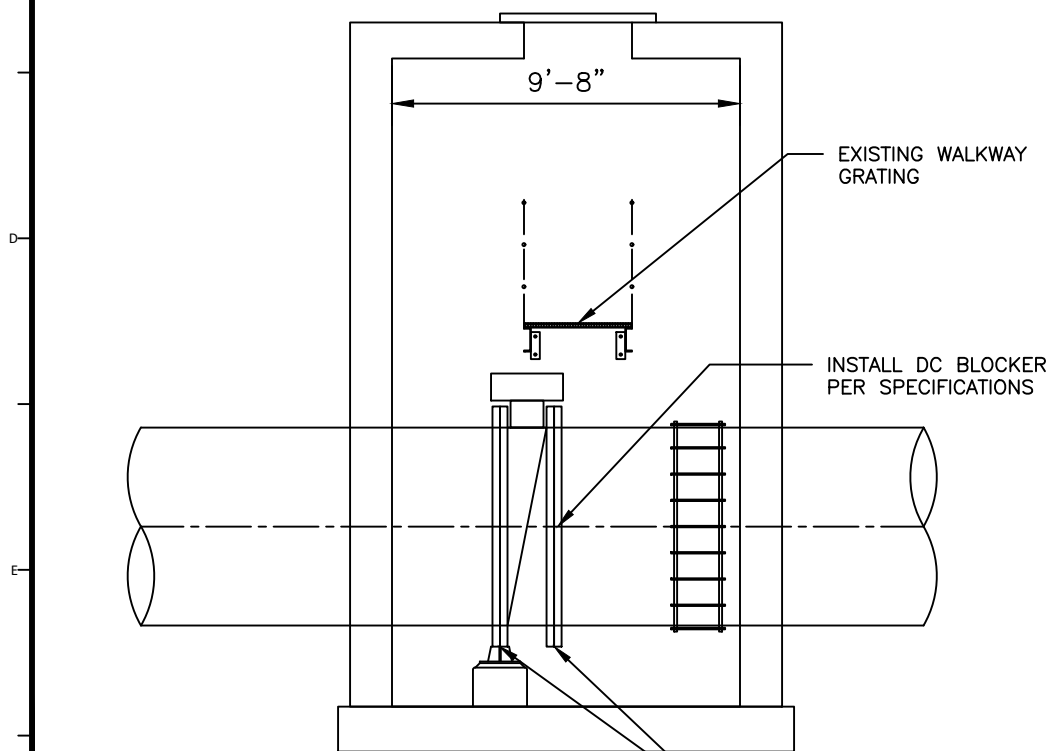
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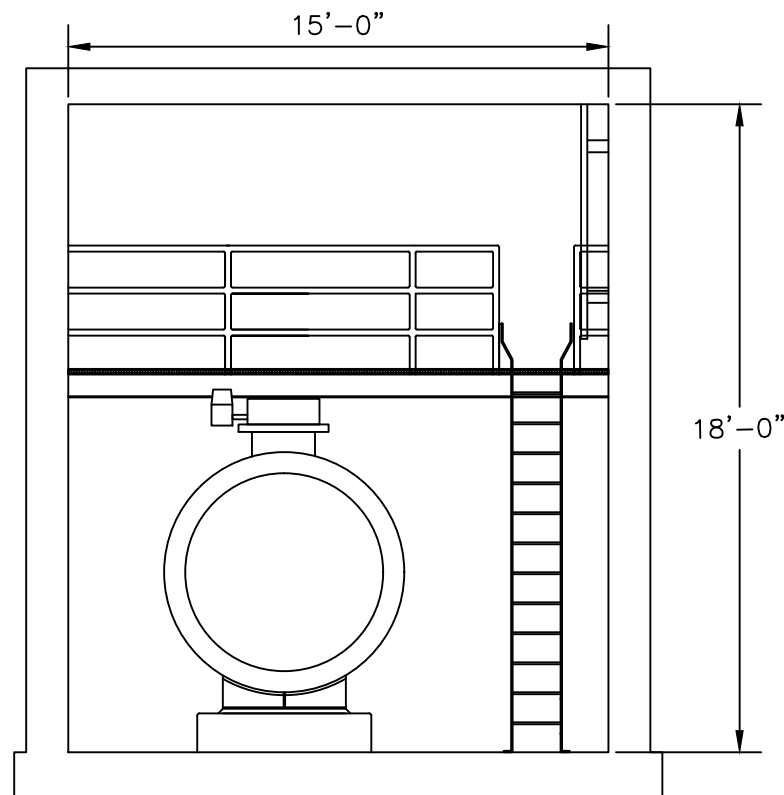
PLAN VIEW



ACCESS HATCH DETAIL



SECTION VIEW A-A

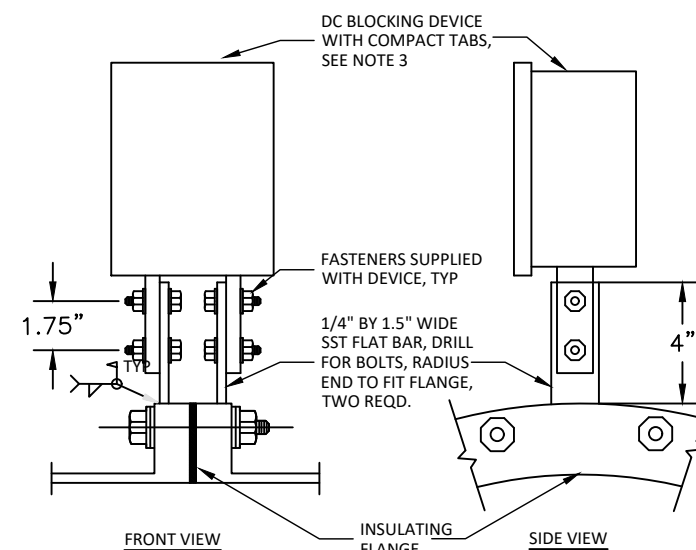


SECTION VIEW B-B

MATERIAL SCHEDULE	
1	PROVIDE NEW 66" DRESSER COUPLING
2	REMOVE EXISTING 66" FLG X FLG ACTUATED BUTTERFLY VALVE AND INSTALL NEW BUTTERFLY VALVE AND ACTUATOR

NOTES:

- FOR VALVE REMOVAL, THE ACCESS HATCH DETAIL SHOW A REMOVABLE OPENING TO ALLOW FOR EXISTING AND NEW VALVES TO BE REMOVED.
- THE EXISTING WALKWAY GRATING IS ABLE TO BE REMOVED AND REINSTALLED TO FACILITATE VALVE INSTALLATION.
- REPAIR MORTAR LINING AFTER VALVE INSTALLATION. MAN-WAY ACCESS IS AVAILABLE AT THE METER VAULT APPROXIMATELY 150 FT NORTH OF THE OUTLET VALVE VAULT.



NOTES:

- DO NOT COAT MOUNTING PLATES, FASTENERS, OR DEVICE TABS AFTER ASSEMBLY, CLEAN AND COAT WELD ONLY.
- NEGATIVE TAB OF DC BLOCKING DEVICE TO BE ON CATHODICALLY PROTECTED SIDE OF INSULATING FLANGE.
- COMPACT TABS ON BLOCKING DEVICE SHOWN FOR TOP MOUNTING, USE STANDARD TABS FOR MOUNTING AT PIPE SPRINGLINE.

DC BLOCKING DEVICE FLANGE MOUNT
NTS

1

REVISIONS			
REV.	DESCRIPTION	BY	DATE



LINE IS 1 INCH AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)	ORIGINAL SIZE B
SCALE: 3/16" = 1.0'	
DESIGN: JTK	
DRAWING: JTK	
PROJ. MGR: JTK	
APPROVAL:	

JA-2 FLOW CONTROL VAULT IMPROVEMENTS

OUTLET VALVE VAULT

DATE 11/6/2024
PROJECT NUMBER 4352
DRAWING NUMBER M3
SHEET NUMBER 7 OF 10