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# SOUTH JORDAN CITY CITY COUNCIL REPORT

Council Meeting Date: November 15, 2022

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**Issue:** Resolution 2022-48, authorizing the Mayor of South Jordan City to sign an agreement with Jordan Valley Water Conservancy District for construction and cost sharing of the 11400 South Redwood Road Meter Vault Rehabilitation Project.

Submitted By: Brad Klavano Department: Engineering

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**Staff Recommendation (Motion Ready):** Approve Resolution 2022-48, authorizing the Mayor of South Jordan City to sign an agreement with Jordan Valley Water Conservancy District for the construction and cost sharing of the 11400 South Redwood Road Meter Vault Rehabilitation Project.

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**BACKGROUND:** Jordan Valley Water Conservancy District (JVWCD) has decided that it was time to rehabilitate the meter vault at 11400 South Redwood Road and with that rehabilitation the City was approached on upgrading the City portion of the meter vault at the same time. Staff felt it was time to upgrade the City portion at this time and that it is good financially to do all of the work at the same time.

The City and JVWCD have agreed to share that costs at 50%. It is estimated that the costs will be \$97,402.25 with the City portion at \$48,701.12.

## TEAM FINDINGS, CONCLUSIONS & RECOMMENDATIONS:

**FINDINGS:** The City Council has recognized that authorizing the Mayor to sign the agreement with JVWCD is in the best interest to the City.

**CONCLUSIONS:** The City Council concludes that by authorizing the Mayor to sign the agreement with JVWCD will save the City significant costs in the future..

**RECOMMENDATIONS:** City staff is recommending that the City Council approve Resolution 2022-48; authorizing the Mayor to sign an agreement with Jordan Valley Water Conservancy District for the construction and cost sharing of the 11400 South Redwood Road Meter Vault Rehabilitation Project.

**FISCAL IMPACT:** None

**ALTERNATIVES:** Deny Resolution 2022-48.

**ATTACHMENT:** Agreement for construction and cost-sharing for the 11400 South Redwood Road Meter Vault Rehabilitation Project.

City Council Action Requested:   
Brad Klavano (Nov 9, 2022 17:19 MST)

\_\_\_\_\_  
Department Head

11/9/2022

\_\_\_\_\_  
Date

**RESOLUTION R2022-48**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SOUTH JORDAN, UTAH, AUTHORIZING THE MAYOR TO SIGN AN AGREEMENT WITH JORDAN VALLEY WATER CONSERVANCY DISTRICT FOR CONSTRUCTION AND COST SHARING OF THE 11400 SOUTH REDWOOD ROAD METER VAULT REHABILITATION PROJECT.**

**WHEREAS**, Jordan Valley Water Conservancy District (the “District”) is prepared for construction on a project entitled 11400 South Redwood Road Meter Vault Rehabilitation project; and

**WHEREAS**, the City of South Jordan (the “City”) desires to include in the Project refurbishing of an existing wholesale meter vault; and

**WHEREAS**, the City receives water deliveries through this existing wholesale meter vault; and

**WHEREAS**, the City has determined it is in the best interest of the residents of the City that it refurbish and upgrade the City’s wholesale meter vault at the same time the District is upgrading its meter vault; and

**WHEREAS**, the District and the City have agreed on sharing the costs at fifty (50) percent for each entity; and

**WHEREAS**, the South Jordan City Council (the “City Council”) finds that the Agreement for Construction and Cost sharing, attached as Exhibit A, furthers the health, safety, and welfare of the citizens of South Jordan.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SOUTH JORDAN, UTAH:**

**SECTION 1. Authorization to Sign.** The City Council does hereby approve the Agreement for Construction and Cost Sharing attached as Exhibit A, and authorizes the Mayor to sign the same.

**SECTION 2. Effective Date.** This Resolution will be effective immediately upon passage.

[SIGNATURE PAGE FOLLOWS]

**APPROVED BY THE CITY COUNCIL OF THE CITY OF SOUTH JORDAN, UTAH, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2022, BY THE FOLLOWING VOTE:**

	YES	NO	ABSTAIN	ABSENT
Patrick Harris	_____	_____	_____	_____
Bradley Marlor	_____	_____	_____	_____
Donald Shelton	_____	_____	_____	_____
Tamara Zander	_____	_____	_____	_____
Jason McGuire	_____	_____	_____	_____

Mayor: \_\_\_\_\_  
Dawn R. Ramsey

Attest: \_\_\_\_\_  
City Recorder

Approved as to form:

Gregory Simonsen  
Gregory Simonsen (Nov 9, 2022 17:27 MST)  
Office of the City Attorney

AGREEMENT FOR CONSTRUCTION AND COST-SHARING OF THE  
11400 SOUTH REDWOOD ROAD METER VAULT REHABILITATION PROJECT

This Agreement is made as of \_\_\_\_\_, 2022 (the “Effective Date”), between the Jordan Valley Water Conservancy District, a water conservancy district organized and existing under Utah law (the “District”), and the City of South Jordan, a Utah municipality (the “Member Agency”).

RECITALS:

- A. The District is a water conservancy district organized and existing pursuant to the laws of the State of Utah for the purposes, among others, of making water available to those inhabitants residing within its boundaries and of entering into contracts with public and private entities for the purchase and sale of water and its delivery;
- B. The Member Agency is a Utah municipality; it purchases wholesale water from the District and then, in turn, provides retail water service to its customers/inhabitants within its boundaries;
- C. The District has caused plans and specifications to be prepared for the construction of the 11400 South Redwood Road Meter Vault Rehabilitation (the “Project”) at South Jordan, Utah;
- D. The Member Agency desires to include in the Project the refurbishing of an existing wholesale meter vault, as described on attached Exhibit 1 (the “Improvements”), through which the Member Agency will receive water deliveries from the District;



E. The District has caused plans and specifications to be prepared for the Improvements;

F. The parties agree that the Improvements are for the benefit of the Member Agency and that the Member Agency shall pay the engineering, construction management, and construction costs for the Improvements as set forth in this Agreement; and,

G. The parties enter this Agreement to set forth the terms and conditions by which the Improvements shall be constructed and installed as part of the Project and by which the associated costs shall be shared between them.

#### TERMS:

The parties agree as follows:

1. On or before April 15, 2023, the District shall cause the Improvements to be constructed and completed as part of the Project.

2. (a) All design documents, plans, and specifications for the Improvements, as part of the Project: (i) have been prepared by the District's Project Engineer, ("Engineer"); (ii) are in accordance with all requirements and specifications imposed by applicable regulatory agencies; (iii) have been approved by the Member Agency; and, (iv) have been incorporated into the District's plans and specifications (the "Plans and Specifications") as set forth in the contract documents for the construction of the Project.

(b) The District has acquired all real property, easements, right-of-ways, and alignments (collectively referred to as the "Properties") which are deemed reasonably necessary by the District for the construction of the Improvements. The physical location

of the Properties shall be subject to District approval, and their acquisition shall be in a form and with terms which are reasonably acceptable to the District.

3. The District will manage the construction of the Improvements using the Engineer.

4. (a) The District shall employ Corrio Construction, Inc., a Utah corporation (the "Contractor"), to construct the Improvements. The Contractor has demonstrated competence and experience in constructing projects similar to that contemplated by this Agreement, and the District shall require the Contractor to hold current, relevant licenses from the State of Utah during all construction activities on the Improvements.

(b) The District shall cause the Contractor to obtain all permits, licenses, and similar authorizations from applicable governmental organizations which are required to construct the Improvements.

(c) As of the Effective Date, the Member Agency is satisfied the Contractor currently meets the requirements set forth in subparagraph 4(a), and the Member Agency hereby gives its approval of the selection of the Contractor.

(d) Prior to and during the construction of the Improvements, the District shall cause the Contractor to furnish the following to the Member Agency at such times as the Member Agency may reasonably request: (i) proof the Contractor holds a valid contractor's license from the State of Utah; (ii) proof of the Contractor's public liability, property damage, and vehicle liability insurance in the principal amount of \$1,000,000.00, naming the District and the Member Agency, and their trustees, officers, agents, and employees as additional insureds; (iii) a performance bond and a payment bond for the full cost of the construction of the Improvements with sureties and with such terms as are

required by the Plans and Specifications; and, (iv) a guarantee from the Contractor, as required by the Plans and Specifications, which warrants that the workmanship and materials in the Improvements shall be free from defects for a period of at least one (1) year following completion of construction. The insurance coverage required in this paragraph shall not be canceled or materially altered except after thirty (30) days written notice to the District.

5. (a) The Member Agency may select and employ, at its expense, such consultants as it deems reasonable to assist it in the inspection of the construction of the Improvements. The Member Agency and its consultants shall work with and through the Engineer and shall not give orders directly to the Contractor unless authorized in writing to do so. The District shall cause the Contractor to construct the Improvements in accordance with the Plans and Specifications, including changes or additions to those Plans and Specifications which have been approved by the Member Agency. All change orders for the Improvements required by the Member Agency, shall be at the sole expense of the Member Agency. The costs associated with all change orders approved by both parties for the Improvements shall be shared by the two parties as defined in this Agreement. Change orders shall be communicated by the District to the Engineer, who in turn shall communicate them to the Contractor. The Member Agency shall provide the Engineer with information about any problem(s) or concern(s) the Member Agency may have with construction and/or with acceptance of the Improvements upon completion of construction, and the District shall require the Contractor to undertake and complete all appropriate remedial actions.

(b) If the District or the Contractor proposes any change(s) to the Improvements in the Plans and Specifications previously approved by the Member Agency, the District shall provide written notice of each proposal to the Member Agency. The Member Agency shall, in turn, communicate to the District its approval or denial of each proposal within fifteen (15) business days following receipt of the District's notice. If, however, applicable law or the Member Agency's policies and procedures preclude a response from the Member Agency within that fifteen (15) day period, the Member Agency shall have such longer time period as the law or policies/procedures may allow, but in no event more than forty-five (45) days following receipt of the District's notice.

6. The District or the Engineer shall notify the Member Agency twenty-four (24) hours in advance of starting any construction work on the Improvements.

7. The Member Agency and the District shall share the total costs attributable to the engineering design, construction management (specifically including the Engineer), and construction of the Improvements, as follows:

(a) The Member Agency shall pay fifty percent (50%) of the total cost; and,

(b) The District shall pay fifty percent (50%) of the total cost.

(c) The estimated total engineering, construction management, and construction costs to construct the Improvements are shown on attached Exhibit 2.

(d) The District shall be responsible for making all initial payments to the Contractor and to the Engineer for the Improvements, with appropriate reimbursement from the Member Agency as required by this Agreement.

(e) The District shall require the Contractor to itemize all costs paid and/or incurred in the construction of the Improvements. At such time as the Contractor forwards

an invoice to the District for any appropriate costs, the District shall forward a copy of the invoice to the Member Agency.

(f) The District shall itemize staff time and other costs it may incur in connection with the Improvements. Those costs shall be set forth in invoices to the Member Agency.

(g) The Member Agency shall review the invoice(s) and shall, within twenty (20) business days following receipt of the invoice(s) by the Member Agency, reimburse the District for appropriate actual costs, as set forth in the invoice(s). All funds tendered to the District by the Member Agency under this Agreement shall constitute reimbursement of actual costs incurred by the District or paid by the District to the Contractor and/or to the Engineer in connection with the Improvements.

8. (a) The Member Agency shall own the Improvements from the meter downstream upon completion of construction, and the District shall own the improvements upstream of the meter, and thereafter they shall each be responsible for the operation, maintenance, inspection, repair, and replacement of their portion of the Improvements.

(b) The Member Agency shall maintain perpetually a functioning check valve within the Improvements to prevent backflow into the District's water system.

(c) In order for the District to maintain its meter, the Member Agency hereby grants to the District the perpetual right at all times to access the Improvements and to operate the upstream isolation valve.

(d) The Member Agency, at its discretion and expense, and in addition to any other inspections authorized or allowed by this Agreement, may periodically inspect and test the Improvements at any time within the one (1) year period following completion

of its construction. If the Member Agency determines any defect in the materials or workmanship in the Improvements, or that the Improvements were not constructed in accordance with the Plans and Specifications, then, notwithstanding any provision of this Agreement to the contrary, the Member Agency shall notify the District and the District shall (i) cause the Contractor, at the Contractor's expense, to remedy the defect or the variance from the Plans and Specifications within a reasonable amount of time; and/or, (ii) pursue a claim against any of the Contractor's bond(s) to complete the remedial work on the Improvements.

9. To the extent this Agreement is governed by the Utah Interlocal Cooperation Act, Utah Code Ann. §§ 11-13-101 et seq. (the "Act"), the parties represent that they have complied with all applicable provisions of the Act, including but not limited to:

(a) Each party's governing body has authorized this Agreement by resolution;

(b) Each party has obtained the approval of this Agreement by its authorized attorney; and,

(c) Each of the parties agrees to file a copy of this Agreement with the keeper of records for that party and to comply with any notice or publication requirements of the Act.

10. This Agreement, including exhibits, attachments, and references to incorporated documents, specifically including the District's Plans and Specifications, constitute the entire agreement between the parties and supersedes all prior understandings, representations, or agreements of the parties regarding the subject matters contained in this Agreement.

11. The parties shall perform those acts and/or sign all documents required by this Agreement or which may be reasonably necessary to effectuate the terms of this Agreement.

12. Neither party may assign this Agreement, or any of its rights, duties, or obligations under this Agreement, without the prior written consent of the other, which consent shall not be withheld unreasonably, except that either party may make an assignment to its successor in interest. Any assignment made in violation of this paragraph or in violation of law shall be void. Notwithstanding the foregoing, either party may pledge or assign this Agreement as security for its bonding or other financing activities.

13. This Agreement does not create any kind of joint venture, partnership, agency, or employment relationship between the parties.

14. The parties shall comply with all applicable federal, state, and local laws and ordinances in the performance of this Agreement. Any terms which the parties as governmental entities are mandated by law to include in this Agreement shall be considered part of this Agreement.

15. This Agreement cannot be amended except by a written instrument signed by the parties.

16. If any legal action is brought to enforce this Agreement, the prevailing party shall be entitled to recover reasonable attorneys' fees and costs incurred in that action, in addition to any other relief to which it may be entitled.

17. In the event a court, governmental agency, or regulatory agency with proper jurisdiction determines that any provision of this Agreement is unlawful, that provision shall terminate. If a provision is terminated, but the parties can legally, commercially, and

practicably continue to perform this Agreement without the terminated provision, the remainder of this Agreement shall continue in effect.

18. Neither party shall be deemed in violation of this Agreement if it is prevented from performing any of its obligations by reason of earthquakes or other natural disaster; strikes or other labor unrest; power failures; civil or military emergencies; acts of legislative, judicial, executive, or administrative authorities; or any other circumstances which are not within its reasonable control.

19. Any notice, communication, or payment required or allowed by this Agreement shall be mailed or hand-delivered to each party as follows:

If to the District, to:

Jordan Valley Water Conservancy District  
Attn: Engineering Department Manager  
8215 South 1300 West  
West Jordan, UT 84088

If to the Member Agency, to:

The City of South Jordan  
Attn: Brandon Crookston  
10996 South Redwood Road  
South Jordan, UT 84095

With a copy to:

\_\_\_\_\_  
Attn: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Each party may change the designation of the addressee or the address for that party by providing written notice of the change.

21. Each individual executing this Agreement does hereby represent and warrant that he or she has been duly authorized to sign this Agreement in the capacity and for the entities identified.

22. The parties intend that this Agreement benefit only them, and they do not intend there to be any third-party beneficiaries.



APPROVED:

By: \_\_\_\_\_  
As Authorized Attorney for  
the Jordan Valley Water  
Conservancy District

“District”:

Jordan Valley Water Conservancy District

By: \_\_\_\_\_  
Corey L. Rushton  
Its Chair

APPROVED:

By: *Gregory Simonsen*  
Gregory Simonsen (Nov 9, 2022 17:27 MST)  
As Authorized Attorney for  
The City of South Jordan

“Member Agency”:

The City of South Jordan

By: \_\_\_\_\_  
\_\_\_\_\_  
Its: \_\_\_\_\_

STATE OF UTAH )  
 :ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2022 by Corey L. Rushton as Chair of the Jordan Valley Water Conservancy District.

Commission expires: \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC  
Residing in \_\_\_\_\_

STATE OF UTAH )  
 :ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2022, by \_\_\_\_\_ as \_\_\_\_\_ of the City of South Jordan.

Commission expires: \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC  
Residing in \_\_\_\_\_

## EXHIBIT 1



# JORDAN VALLEY WATER CONSERVANCY DISTRICT

## 11400 SOUTH REDWOOD SOUTH JORDAN METER VAULT REHABILITATION

SEPTEMBER 2022



SHEET NO.	DRAWING NO.	SHEET TITLE
1	G-1	COVER SHEET
2	G-2	GENERAL NOTES
3	D-1	DEMOLITION PLAN
4	M-1	MECHANICAL PLAN
5	M-2	MECHANICAL DETAILS
6	E-1	ELECTRICAL DEMOLITION
7	E-2	ELECTRICAL PLAN

REV.	DESCRIPTION	BY	DATE



LINE IS 1/8 INCH AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)	ORIGINAL SIZE <b>B</b>
SCALE: NTS	
DESIGN:	CDT
DRAWING:	CDT
PROJ. MGR:	CDT
APPROVAL:	DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION	DATE 9/28/2022
COVER	PROJECT NUMBER 4283
	DRAWING NUMBER <b>G1</b>
	SHEET NUMBER 1 OF 7

THE CONTRACTOR SHALL CAREFULLY READ ALL OF THE NOTES AND SPECIFICATION, THE CONTRACTOR SHALL ACCEPT THE TRUE MEANING AND BE RESPONSIBLE FOR COMPLYING WITH EACH.

**GENERAL NOTES:**

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS INCLUDED AS PART OF THE CONTRACT DOCUMENTS.
2. IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL NECESSARY AND PROPER LABOR AND MATERIALS NECESSARY FOR THE WORK CONTEMPLATED AND THAT THE WORK BE IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATION. THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE.
3. WHERE THE PLANS OR SPECIFICATION DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY ARE TO BE USED.
4. THE CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR; IT SHALL BE EXPECTED THAT PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL INCLUDE ALL MATERIALS NECESSARY AND PROPER LABOR FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES, WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT, AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY RIGHT-OF-WAYS, EASEMENTS, AND/OR PERMITS ARE SECURED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL, AT THE TIME OF BIDDING, AND, THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT OF THE BID.
7. CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY THEMSELVES BY PERSONAL EXAMINATION OR BY

- SUCH OTHER MEANS AS THEY MAY PREFER, OF THE LOCATION OF THE PROPOSED WORK, AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF THEIR EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID. SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, THEY HAVE REVIEWED AND ARE RELYING ON THEIR OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON THEIR OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE OWNER OR THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT THEY HAVE NOT RELIED SOLELY UPON OWNER OR ENGINEER FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, AND SANITARY FACILITIES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.
  9. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER.
  10. THE CONTRACTOR AGREES THAT:
    - A. THEY WILL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF EACH PHASE OF WORK.
    - B. THEY WILL BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL AT THEIR OWN EXPENSE IN A TIMELY MANNER.
    - C. THEY WILL BE RESPONSIBLE TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER.
    - D. THEY WILL BE RESPONSIBLE TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE JOB. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FOR THE COST OF CLEAN UP FROM THE FINAL PAYMENT.
    - E. THEY SHALL BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL, PERMITS, RETESTING AND RE-INSPECTION AT THEIR OWN EXPENSE.
  11. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

12. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.
13. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
14. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION, DIMENSION, AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, MODIFICATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDEFINED AS PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
15. WORK IN ANY EASEMENT AND/OR RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE REGULATORY AGENCY RESPONSIBLE FOR OPERATION AND/OR MAINTENANCE OF SAID EASEMENT AND/OR RIGHT-OF-WAY.
16. UPON SUBSTANTIAL COMPLETION OF WORK, THE CONTRACTOR SHALL BROOM SWEEP WORK SITE PRIOR TO CALLING FOR INSPECTION.
17. JWVCD STAFF WILL SERVE AS ENGINEER ON THIS PROJECT.
18. THE ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CITY, COUNTY, STATE, AND NATIONAL CODES AND REGULATIONS IN EFFECT AT THE DATE OF THE BID.
19. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
20. ANY PART OF THIS INSTALLATION THAT FAILS, IS UNFIT, OR BECOMES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
21. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, AND OTHER DEVICES/ACCESSORIES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

**ELECTRICAL IMPROVEMENTS:**

1. PRIOR TO SUBMITTING A BID THE ELECTRICAL CONTRACTOR SHALL INSPECT THE SITE AND INCLUDE IN THEIR BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS. SHOP DRAWINGS ARE REQUIRED.
2. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES FOUND BETWEEN THE INTENDED FUNCTION OF EQUIPMENT AND EQUIPMENT SPECIFIED IN THE CONTRACT DOCUMENTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ISSUANCE OF THE FINAL BID. FAILURE TO REPORT ANY DISCREPANCY (CATALOG NUMBERS, DISCONTINUED ITEMS, ETC.) DOES NOT RELIEVE THE CONTRACTOR FROM PROVIDING EQUIPMENT WHICH SHALL CONFORM TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS. NOR SHALL IT BE USED AS A CONDITION TO OBTAIN ADDITIONAL FUNDS FROM THE OWNER AFTER THE CONTRACT IS AWARDED. THE CONTRACTOR SHALL REQUEST ALL CLARIFICATIONS OF CONTRACT DOCUMENT REQUIREMENTS IN WRITING TO THE ENGINEER A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ISSUANCE OF THE FINAL ADDENDUM.
3. MINIMUM SIZE OF CONDUIT TO BE 3/4". ALUMINUM CONDUITS SHALL NOT BE USED.
4. RUN A NEUTRAL CONDUCTOR FOR EACH PHASE CONDUCTOR (EACH CIRCUIT) IN A CONDUIT.
5. ALL NEW EXPOSED CONDUIT SHALL RUN AGAINST THE WALLS OR CEILINGS. DO NOT PENDANT MOUNT ANY CONDUIT FROM THE CEILINGS. (FLOW METER EXCEPTED)
6. ALL ELECTRICAL WIRING SHALL BE STRANDED AND IN CONDUIT (ROMEX AND MC CABLE NOT PERMITTED).
7. ALL CONDUITS SHALL BE GALVANIZED RIGID STEEL, UNLESS OTHERWISE NOTED. BURIED CONDUIT SHALL BE SCHEDULE 40 PVC.
8. ALL NEW WORK SHALL MEET THE CURRENT ADOPTED NATIONAL ELECTRICAL CODE.
9. CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE OVER SHOP DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.
10. ALL CONDUCTORS SHALL BE STRANDED COPPER.
11. ALL WIRING DEVICES SHALL BE BACK WIRED ONLY.
12. STRANDED CONDUCTORS REQUIRE LUGS AND SHALL NOT BE WRAPPED AROUND SCREWS.

**SURFACE IMPROVEMENTS:**

1. PAVEMENT, SIDEWALK AND SURFACE IMPROVEMENTS, AND LANDSCAPE DISTURBED DURING THIS WORK SHALL BE REPLACED AS PART OF THE WORK. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE.

REVISIONS			
REV.	DESCRIPTION	BY	DATE



**JORDAN VALLEY WATER  
CONSERVANCY DISTRICT**  
8215 South 1300 West  
West Jordan, UT 84088  
801-565-4300

LINE IS 1/8" AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)

SCALE: NTS

DESIGN: CDT

DRAWING: CDT

PROJ. MGR: CDT

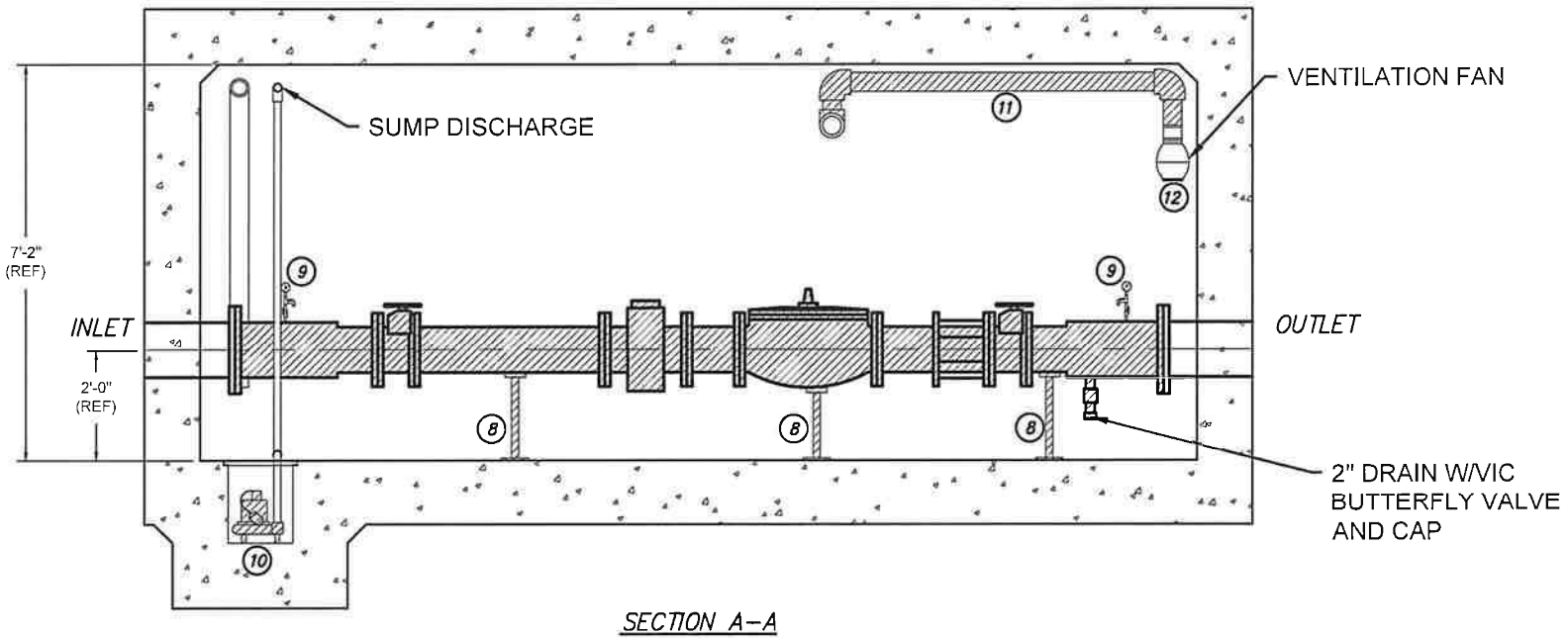
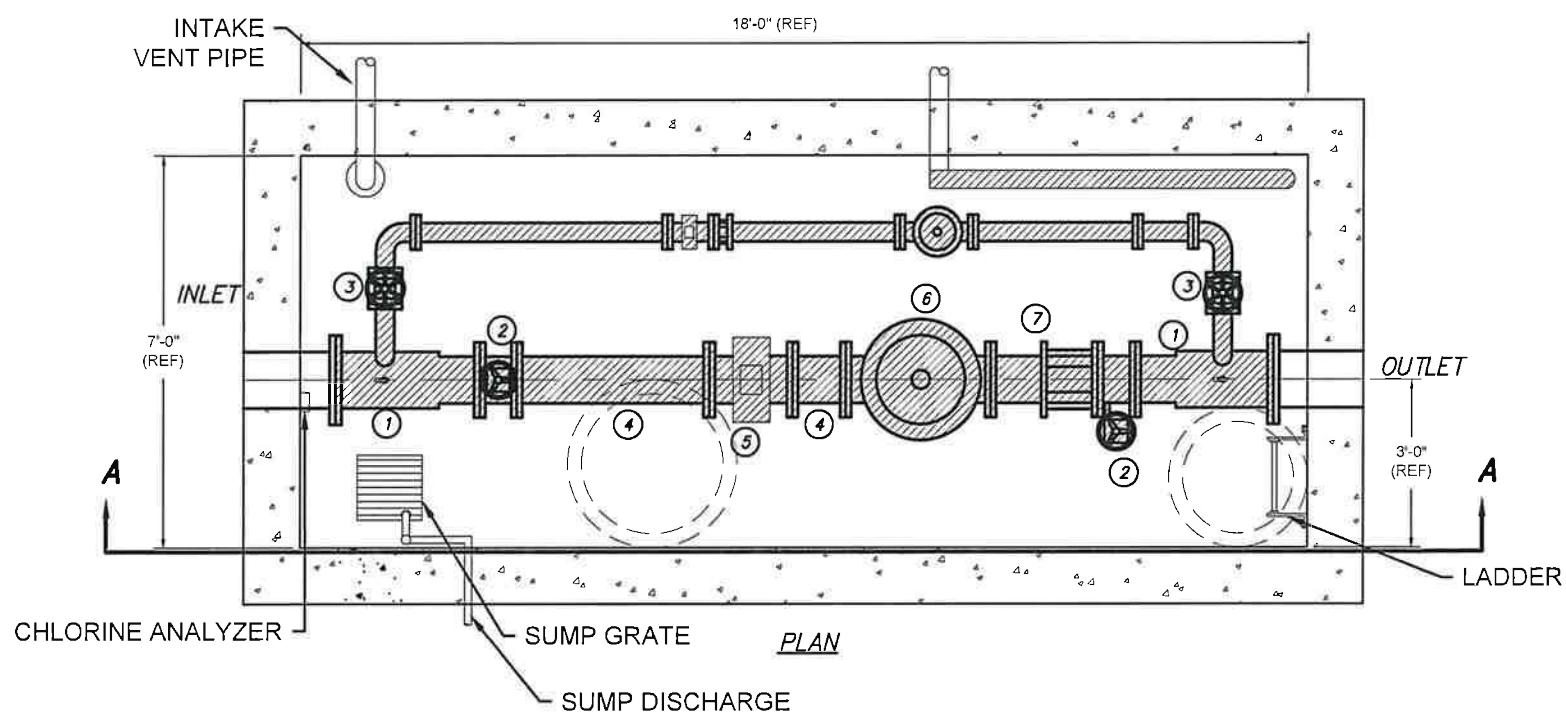
APPROVAL: DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION

GENERAL NOTES

DATE	9/28/2022
PROJECT NUMBER	4283
DRAWING NUMBER	G2
SHEET NUMBER	2 OF 7





EQUIPMENT TO DEMO			
NUMBER	DESCRIPTION	SIZE	COUNT
1	REDUCING TEE	12X10"	2
2	BUTTERFLY VALVE	10"	2
3	BYPASS LINE WITH METER AND VALVES	4"	1
4	SPOOL	10"	2
5	FLOW METER	10"	1
6	PRV VALVES	10"	1
7	COUPLER	10"	1
8	PIPE STAND	--	3
9	PRESSURE ASSEMBLY	1/2"	2
10	SUMP PUMP	--	1
11	OUTLET VENT PIPE	4" PVC	1
12	FAN SCREEN	--	1

**NOTES:**

1. DEMO ALL EQUIPMENT MARKED WITH HATCH LINES IN DRAWING.
2. OWNER WILL DEPRESSURIZE PIPE AND DRAIN. OWNER CANNOT GUARANTEE DRIP-TIGHT SHUT OFF.
3. DEMOLISH PIPING SALVAGE TO CONTRACTOR. CONTRACTOR MUST BE PREPARED FOR UP TO 5 gpm NUISANCE WATER



EXISTING PIPE CONDITION IN VAULT

REV.	DESCRIPTION	BY	DATE

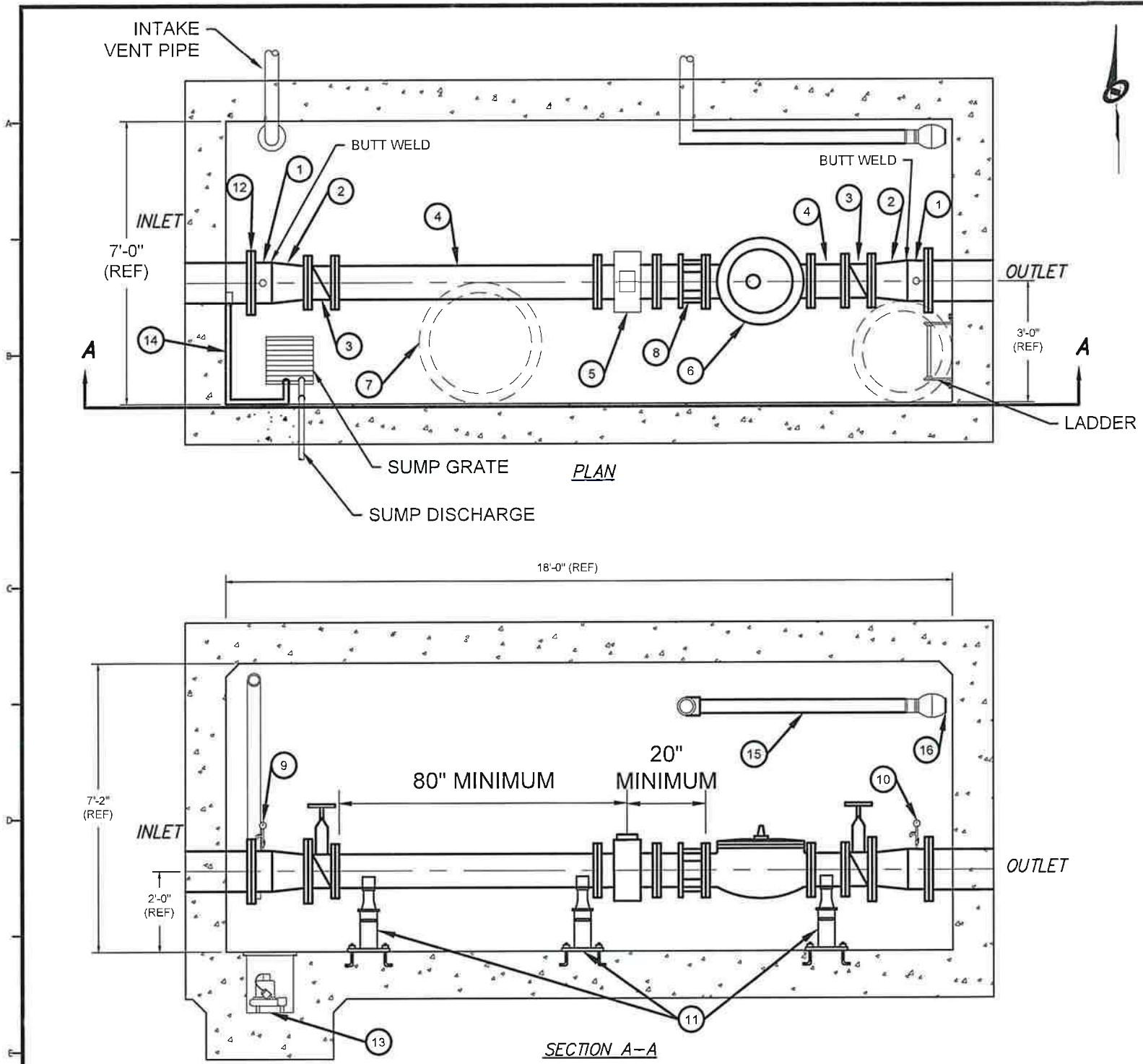
**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
 8215 South 1300 West  
 West Jordan, UT 84088  
 801-565-4300

LINE IS 1/8" AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)  
 SCALE: 1:40  
 DESIGN: CDT  
 DRAWING: CDT  
 PROJ. MGR: CDT  
 APPROVAL: DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION

DEMOLITION PLAN

DATE: 9/28/2022  
 PROJECT NUMBER: 4283  
 DRAWING NUMBER: D1  
 SHEET NUMBER: 3 OF 7



NEW EQUIPMENT				
NUMBER	DESCRIPTION	SIZE	CONNECTION	COMMENTS
1	SPOOL FOR PRESSURE GAGE TEE	12"	FLG. X BUTT WELD	FLANGE CLASS 300 INLET SIDE, CLASS 150 OUTLET SIDE
2	STEEL REDUCER	12"X10"	BUTT WELD X FLANGE	FLANGE CLASS 300 INLET SIDE, CLASS 150 OUTLET SIDE
3	GATE VALVE	10"	CLASS 300 FLANGE, INLET, CLASS 150 OUTLET.	CLOW VALVE 2639 OR MUELLER VALVE 2631
4	SPOOL	10"	CLASS 300 X CLASS 150 FLANGES	EPOXY LINE AND COAT
5	MAGNETIC FLOW METER	10"	CLASS 300 FLANGE	PROVIDED BY JWCD, INSTALLED BY CONTRACTOR
6	PRESSURE REDUCING VALVE	10"	CLASS 300 FLANGE	PROVIDED BY SOUTH JORDAN, INSTALLED BY CONTRACTOR
7	SEAL MANHOLE OPENING	3'	--	SIKA FASTFIX-138 TT OR EQUAL. ENSURE FULLY HARDENED BEFORE RETURNING LID.
8	DISMANTLING JOINT	10"	CLASS 300 FLANGE	ROMAC DJ 400 CLASS F W/ SS TIE RODS AND BOLTS OR APPROVED EQUAL
9	INLET PRESSURE TEE ASSEMBLY	2"	THREAD	SEE DETAIL M2-A
10	OUTLET PRESSURE TEE ASSEMBLY	2"	THREAD	SEE DETAIL M2-B
11	ADJUSTABLE PIPE SUPPORT	--	--	SEE DETAILS M2-C
12	INSULATING FLANGE KIT	12"	FLANGE	FLANGE CLASS 300
13	SUMP PUMP	2"	120VAC	TSURUMI MODEL# HSE2.4S-62 SUBMERSIBLE PUMP. CONNECT TO EXISTING SUMP LINE. PLUS INTO EXISTING SUMP OUTLET.
14	CHLORINE ANALYZER DRAIN LINE	1.5"	PVC ELBOWS	PVC. SLOPE FROM ANALYZER TO SUMP. SECURE TO WALL WITH S.S. CLAMPS EVERY 36"
15	OUTLET PVC VENT PIPE	4"	PVC ELBOWS	ROUTE VENT PIPE TO ELIMINATE ANY TRAPS. PLACE EXISTING FAN ON END NEAR EXISTING FAN LOCATION. ATTACH TO WALL EVERY 4' WITH S.S. STRAPS.
16	FAN INTAKE COVER	#4 MESH	WORM CLAMP	FINGER GUARD.

**GENERAL NOTES:**

1. USE STAINLESS STEEL BOLTS AND NUTS
2. EXPOSED METAL PIPING, FITTINGS, AND VALVES SHALL BE COATED WITH A HIGH SOLIDS TWO COMPONENT EPOXY COATING SYSTEM. THE EPOXY COATING SHALL BE AMERON, AMERLOCK 400, BL-4 LIGHT BLUE, OR APPROVED EQUAL.
3. CLEAN AND DISINFECT ALL PIPING BEFORE PUTTING INTO SERVICE.
4. ALL COMPONENTS IN CONTACT WITH CULINARY WATER SHALL BE NSF-61 APPROVED.

REV.	DESCRIPTION	BY	DATE

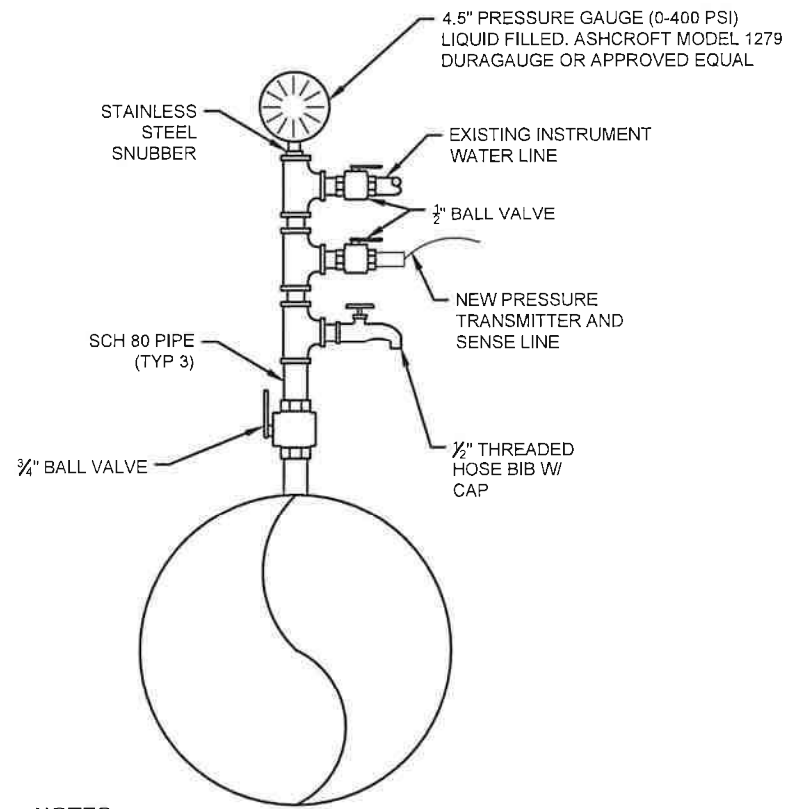
**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
 8215 South 1300 West  
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 801-565-4300

LINE IS 1/8" AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)  
 SCALE: 1:40  
 DESIGN: CDT  
 DRAWING: CDT  
 PROJ. MGR: CDT  
 APPROVAL: DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION  
 MECHANICAL PLAN

DATE: 9/28/2022  
 PROJECT NUMBER: 4283  
 DRAWING NUMBER: M1  
 SHEET NUMBER: 4 OF 7

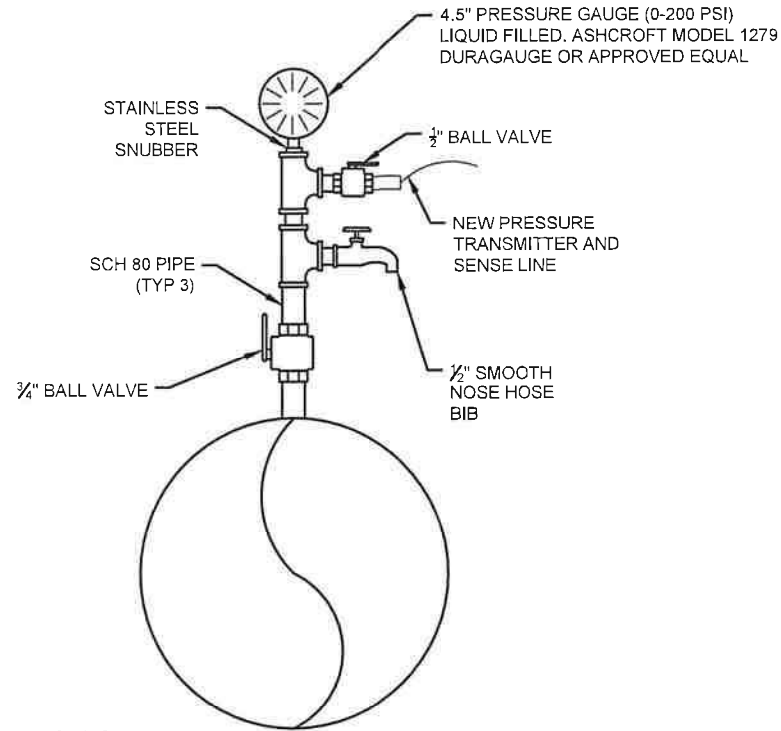




**NOTES:**

1. ALL PIPING, BALL VALVES, AND FITTINGS TO BE STAINLESS STEEL.

**(A)** INLET PRESSURE TEE ASSEMBLY DETAIL



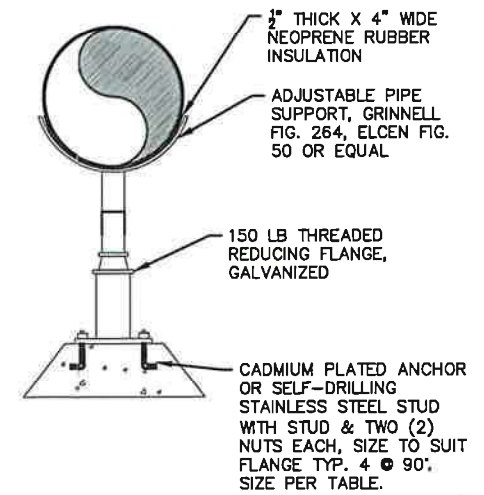
**NOTES:**

1. ALL PIPING, BALL VALVES, AND FITTINGS TO BE STAINLESS STEEL.

**(B)** OUTLET PRESSURE TEE ASSEMBLY DETAIL

**NOTES:**

1. PIPE SUPPORTS TO BE HOT DIP GALVANIZED AFTER FABRICATION.
2. FIELD APPLY GALVANIZED COATING TO EXPOSED THREADED SECTION.



**(C)** ADJUSTABLE PIPE SUPPORT DETAILS

REVISIONS			
REV.	DESCRIPTION	BY	DATE

**JORDAN VALLEY WATER  
CONSERVANCY DISTRICT**  
8215 South 1300 West  
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801-565-4300

LINE IS 1/8 INCH  
AT FULL SIZE  
(IF NOT 1" - SCALE ACCORDINGLY)

ORIGINAL SIZE **B**

SCALE: NTS

DESIGN: CDT  
DRAWING: CDT  
PROJ. MGR: CDT  
APPROVAL: DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION

MECHANICAL DETAILS

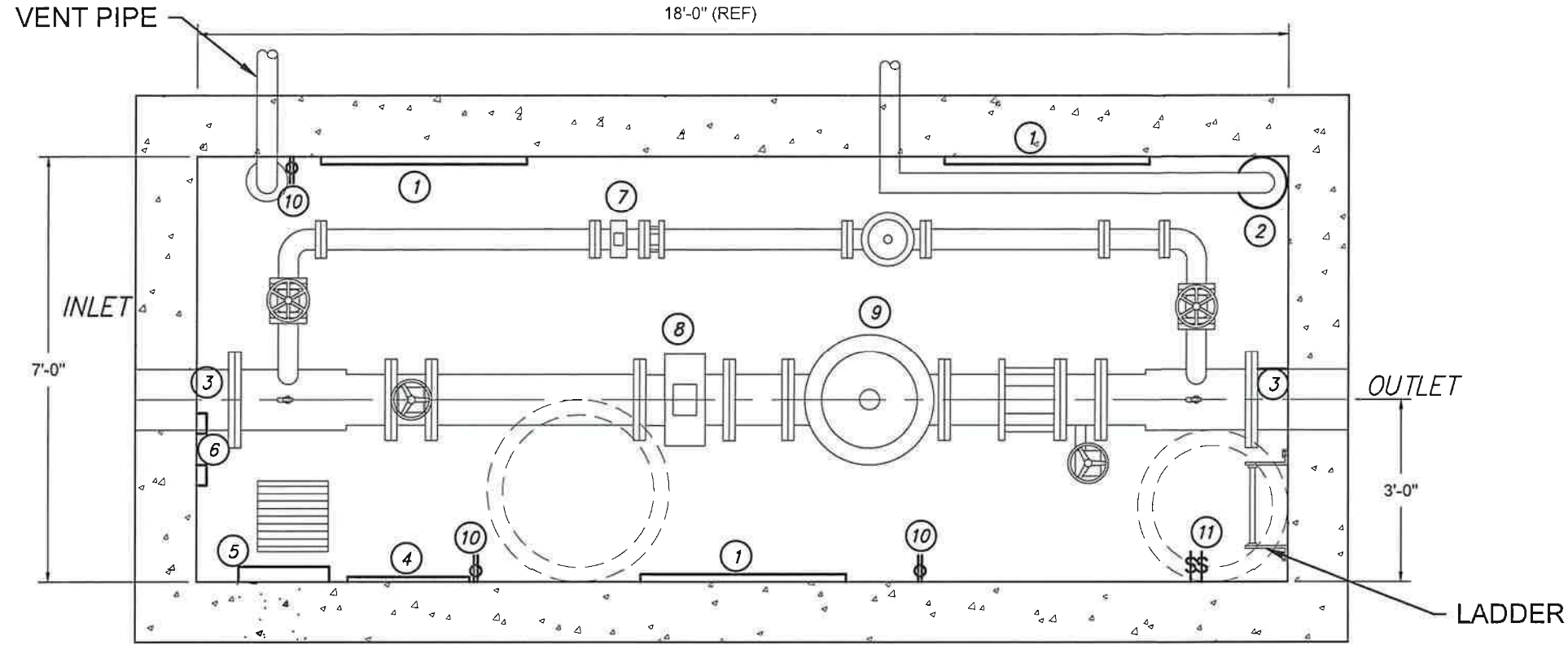
DATE: 9/28/2022

PROJECT NUMBER: 4283

DRAWING NUMBER: M2

SHEET NUMBER: 5 OF 7





PLAN

EQUIPMENT		
NUMBER	DESCRIPTION	COMMENTS
1	LIGHTS	PROTECT FIXTURE. DEMO BALLAST AND TUBES.
2	FAN	PROTECT
3	PRESSURE TRANSMITTER AND LINES	DEMO, INCLUDING OUTLET JUNCTION BOX
4	FLOOD SWITCHES AND JUNCTION BOXES	DEMO
5	JUNCTION BOX WITH TIMER	PROTECT
6	CHLORINE ANALYZER AND DISPLAY	PROTECT
7	BYPASS METER CONDUIT	DEMO TO 2' FROM WEST WALL
8	MAINLINE METER CONDUIT	PROTECT, REDIRECT TO NEW METER LOCATION AS NEEDED
9	PRV SOLENOID CONDUITS	PROTECT, REDIRECT TO NEW PRV LOCATION AS NEEDED
10	POWER RECEPTACLE	DEMO WITH COVER, PROTECT BOX.
11	SWITCHES	PROTECT, DEMO RUSTY CONDUIT FITTINGS

NOTES:  
1. REUSE CONDUITS NOT MARKED FOR DEMOLITION.



EXISTING FLOOD SWITCH JUNCTION BOX



EXISTING FLOOD SWITCHES AND SUMP.



EXISTING PRESSURE TRANSMITTER JUNCTION BOX

REV.	DESCRIPTION	BY	DATE

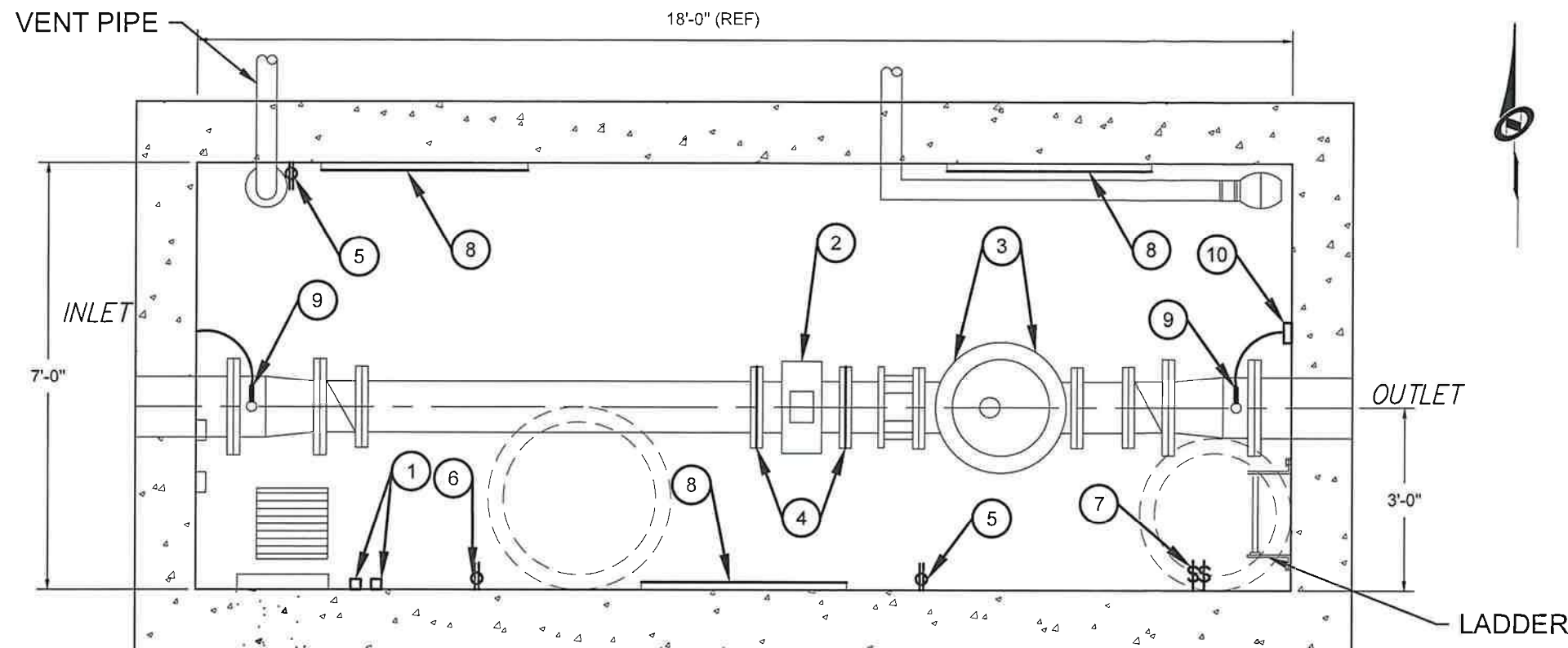
**JORDAN VALLEY WATER**  
CONSERVANCY DISTRICT  
8215 South 1300 West  
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DESIGN: CDT  
DRAWING: CDT  
PROJ. MGR: CDT  
APPROVAL: DRM

11400 SOUTH REDWOOD METER VAULT REHABILITATION

ELECTRICAL DEMOLITION PLAN

DATE: 9/28/2022  
PROJECT NUMBER: 4283  
DRAWING NUMBER: E1  
SHEET NUMBER: 6 OF 7

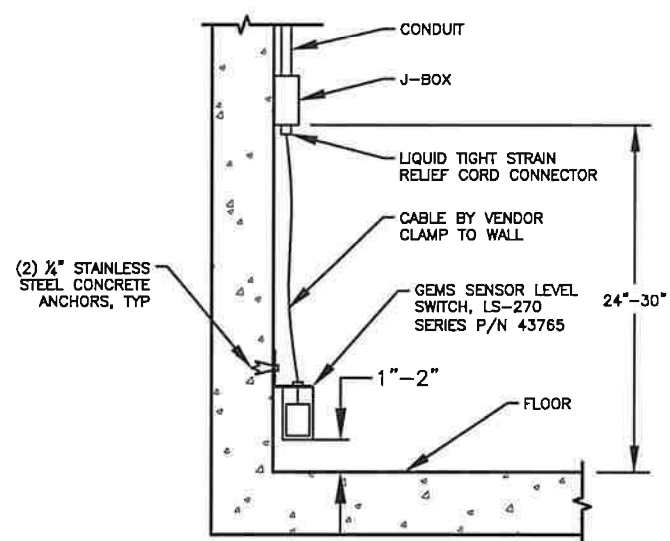


PLAN

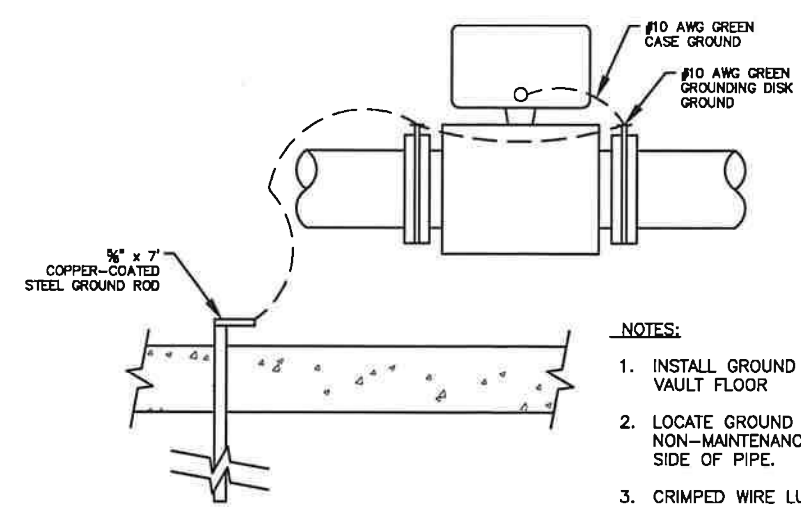
EQUIPMENT		
NUMBER	DESCRIPTION	COMMENTS
1	FLOOD/LEVEL SWITCHES	ONE FOR JWCD AND ONE FOR SOUTH JORDAN. SEE DETAIL E2-A
2	FLOW METER HOOKUP	USE MANUFACTURER SUPPLIED CABLES FOR POWER AND COMMUNICATION. USE EXISTING CONDUITS. CONNECTIONS IN RTU CABINET BY OWNER.
3	PRV SOLENOID CONNECTIONS	CONNECT USING EXISTING CONDUITS.
4	FLOW METER GROUNDING	SEE DETAIL E2-B
5	RECEPTACLE (2)	INSTALL GFCI RECEPTACLE AND COVER, HUBBELL GF5362W.
6	RECEPTACLE FOR SUMP AND ANALYZER	INSTALL NEW DEPLEX NON-GFCI RECEPTACLE AND COVER. HUBBELL 5362W.
7	LIGHT AND FAN SWITCHES	REPLACE REMOVED CONDUIT FITTINGS.
8	LED LIGHT BULBS	REPLACE OLD TUBES WITH NEW LED LIGHTS
9	PRESSURE TRANSMITTER AND SENSE LINE	ROSEMOUNT 3051, 0-800 PSI, ANALOG OUTPUT. MANIFOLD NOT REQUIRED. OUTLET SIDE TO SOUTH JORDAN. INLET SIDE TO SOUTH JORDAN AND JWCD.
10	PRESSURE TRANSMITTER JUNCTION BOX	

NOTES:

- ALL NEW CONDUITS WITHIN METER VAULT SHALL BE GALVANIZED RIGID STEEL. MINIMUM SIZE OF CONDUIT TO BE 3/4".
- ALL FLEXIBLE CONDUIT SHALL BE LIQUIDTIGHT NON-METALLIC TYPE.
- NEW CONDUIT BODIES AND DEVICE BOXES SHALL BE CAST MALLEABLE IRON, TYPE FS OR FD.
- ALL CONDUCTORS SHALL BE STRANDED COPPER.
- ALL CONDUIT PENETRATIONS INTO JUNCTION BOXES OR ENCLOSURES SHALL USE THREADED WATER TIGHT HUBS (MYERS HUB).
- ALL WIRING DEVICES SHALL BE HEAVY DUTY, BACK WIRED ONLY. STRANDED CONDUCTORS SHALL NOT BE WRAPPED AROUND SCREWS, CRIMP LUGS SHALL BE USED.
- CONTRACTOR SHALL PROVIDE CONDUCTORS AND TERMINATIONS FOR A FULLY FUNCTIONAL SYSTEM.
- CONTRACTOR SHALL PROVIDE 5-FOOT SERVICE LOOP FOR ALL CONDUCTORS IN OWNER'S RTU CABINET. RTU INTERIOR COMPONENTS AND ASSEMBLY BY JWCD.



(A) HIGH WATER ALARM LEVEL SWITCH DETAIL  
TYP (2)



(B) METER GROUNDING DETAIL

NOTES:

- INSTALL GROUND ROD IN VAULT FLOOR
- LOCATE GROUND ROD ON NON-MAINTENANCE ACCESS SIDE OF PIPE.
- CRIMPED WIRE LUGS REQUIRED.

REVISIONS			
REV.	DESCRIPTION	BY	DATE

**JORDAN VALLEY WATER CONSERVANCY DISTRICT**  
8215 South 1300 West  
West Jordan, UT 84088  
801-565-4300

LINE IS 1/8 INCH AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY)	ORIGINAL SIZE B
SCALE: 1:30	DESIGN: CDT
DRAWING: CDT	PROJ. MGR: CDT
APPROVAL: DRM	

11400 SOUTH REDWOOD METER VAULT REHABILITATION		DATE: 9/28/2022
ELECTRICAL PLAN		PROJECT NUMBER: 4283
		DRAWING NUMBER: E2
		SHEET NUMBER: 7 OF 7

## EXHIBIT 2

Exhibit 2

Cost-sharing agreement with South  
 Jordan City for the 11400 South  
 Redwood Meter Vault Rehabilitation  
 Project

JVWCD Staff Costs			
	Total Hours	Billing Rate	Total Cost
Project Manager: Conor Tyson, Staff Engineer	66.5	\$ 56.40	\$ 3,750.60
Electrical Engineer: Don Olsen, PE	15	\$ 85.48	\$ 1,282.13
Engineer of Record: David McLean, PE, Senior Engineer	8.5	\$ 95.12	\$ 808.52
		Total:	\$ 5,841.25

Construction	
Demolition	\$ 5,393
Mechanical	\$ 61,688
Electrical	\$ 23,604
Permits	\$ 876
Total:	\$ 91,561

Total Cost:	\$ 97,402.25
JVWCD to pay 1/2	\$ 48,701.12
CUWCD to pay 1/2	\$ 48,701.12