

JORDAN VALLEY WATER CONSERVANCY DISTRICT

5500 WEST 4700 SOUTH KEARNS IMPROVEMENT DISTRICT METER VAULT REHABILITATION

NOVEMBER 2023



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 AND ELECTRICAL PLAN
5	M-2	MECHANICAL AND ELECTRICAL DETAILS

PROFESSION	RE	REVISIONS V. DESCRIPTION BY DATE		AT FULL SIZE ORIGINAL SIZE	5400 WEST 4700 SOUTH METER VAULT REHABILITATION	11/17/2023
13593208-220 CONOR TYSON	STORINE BER	V. DESCRIPTION BY DATE	02.00000111000	DESIGN: CDT DRAWING: CDT	COVER	PROJECT NUMBER 4272 DRAWING NUMBER 6 1
THE OF UT			West Jordan, UT 84088 801-565-4300	PROJ. MGR: CDT APPROVAL: CDT		SHEET NUMBER 1 OF 5

GENERAL NOTES:

- 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 LISED.
- 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 THEM 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 BELIED 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.
- 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 MANNIED.
 - 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 REDLINED 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. JVWCD 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:

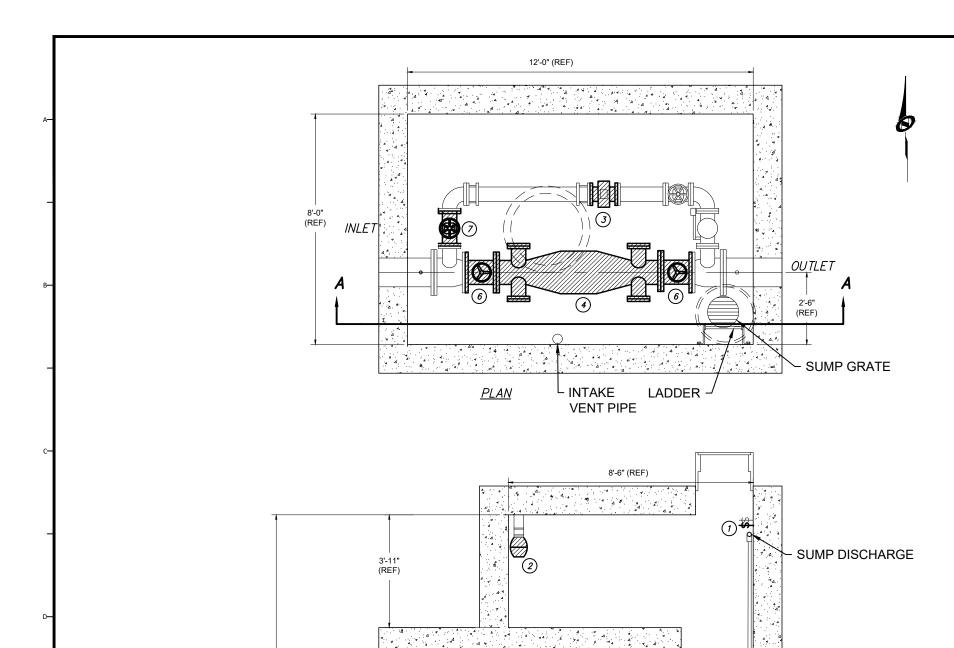
- PRIOR TO SUBMITTING A BID THE ELECTRICAL CONTRACTOR SHALL INSPECT THE SITE AND INCLUDE IN THEIR BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS. SHOP DRAWINGS ARE REQUIRED.
- 2. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES FOUND BETWEEN THE INTENDED FUNCTION OF EQUIPMENT 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.
- 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)
- 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.
- 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:

 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.

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				JORDAN VALLEY WATER	SCALE: NTS	GENERAL NOTES	
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	EQUIPMENT TO DEMO	
NUMBER	DESCRIPTION	SIZE
1	FAN SWITCH	
2	FAN	4"
3	FLOW METER	6"
4	FLOW METER/CHECK VALVE	10"
5	CORP STOP	<u>1</u> "
6	GATE VALVES (2)	10"
7	GATE VALVES	6"

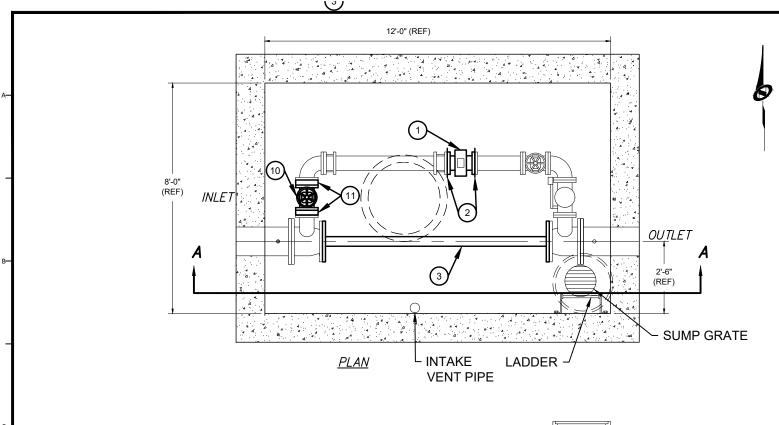
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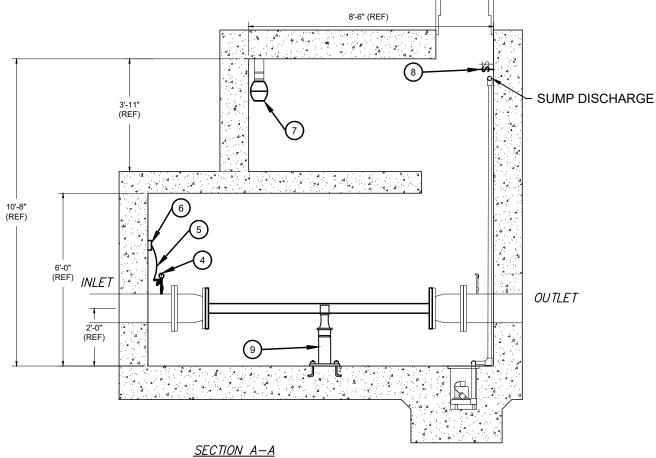
- 1. DEMO ALL EQUIPMENT MARKED WITH HATCH LINES IN DRAWING.
- 2. OWNER WILL DEPRESSURIZE PIPE AND DRAIN. OWNER CANNOT GUARANTEE DRIP—TIGHT SHUT OFF. CONTRACTOR MUST BE PREPARED FOR UP TO 5 GPM NUISANCE WATER.
- 3. DEMOLISH SALVAGE TO CONTRACTOR.



EXISTING PIPE CONDITION IN VAULT

12'-0" (REF)	
	EQUIPMENT TO DEMO NUMBER DESCRIPTION SIZE 1 FAN SWITCH 2 FAN 4" 3 FLOW METER 6" 4 FLOW METER/CHECK VALVE 10" 5 CORP STOP ½" 6 GATE VALVES (2) 10" 7 GATE VALVES 6"
8-0" (REF) /// 3	NUMBER DESCRIPTION SIZE
(REF) INLET	1 FAN SWITCH
OUT.	.ET 2 FAN 4"
	A 3 FLOW METER 6"
(REF	4 FLOW METER/CHECK VALVE 10"
	5 CORP STOP ½"
	JMP GRATE 6 GATE VALVES (2) 10"
<u>PLAN</u>	7 GATE VALVES 6"
(REF)	EXISTING PIPE CONDITION IN VAULT
REVISIONS REV. DESCRIPTION BY DATE 13593208-2202 DESCRIPTION BY DATE JORDAN VALLEY OF THE PROPERTY OF THE P	VATER LINE IS 1 INCH AT FULL SIZE (IF NOT 1" - SCALE ACCORDINGLY) SCALE: 1:40 DEMOLITION PLAN LINE IS 1 INCH AT FULL SIZE SZE SZ
13593208-2202 CONOR TYSON 8215 South 1300 Wes West Jordan, UT 8408 801-565-4300	TRICT DESIGN: CDT 4272
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	NEW EQUIPMENT							
NUMBER	DESCRIPTION	SIZE	CONNECTION	COMMENTS				
1	MAGNETIC FLOW METER	6"	CLASS 150 FLANGE	ROSEMOUNT 8750W OR E+H PROMAG W400 SEE NOTES				
2	FLOW METER GROUNDING	6"	CLASS 150 FLANGE	SEE DETAIL M2-C				
3	SPOOL	10" X 4"	CLASS 150 FLANGE	4" STD WALL PIPE WELDED BETWEEN TWO 10" BLIND FLANGES. EPOXY LINED AND COATED				
4	INLET PRESSURE TEE ASSEMBLY	<u>3</u> "	THREAD	SEE DETAIL M2-A				
5	PRESSURE TRANSMITTER AND SENSE LINE			ROSEMOUNT 3051, 0-800 PSI, ANALOG OUTPUT. MANIFOLD NOT REQUIRED. SEE DETAIL M2-A				
6	PRESSURE TRANSMITTER JUNCTION BOX							
7	VENTILATION FAN	4"		FANTECH FR 100 CENTRIF. SEE DETAIL M2-E FOR WIRING.				
8	FAN SWITCH			SEE DETAIL M2-D				
9	ADJUSTABLE PIPE SUPPORT			SEE DETAILS M2-B				
10	GATE VALVE	6"	CLASS 150 FLANGE	CLOW VALVE 2639 OR MUELLER VALVE 2631				
11	SPACER FLANGES	6"	CLASS 150	USE TO FIT GATE VALVE IN AVAILABLE LAY LENGTH				

GENERAL NOTES:

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

ELECTRICAL 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.
- 8. NEW CONDUIT BODIES AND DEVICE BOXES SHALL BE CAST MALLEABLE IRON, TYPE FS OR FD.
- 4. ALL CONDUCTORS SHALL BE STRANDED COPPER.
- 5. 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.
- 7. CONTRACTOR SHALL PROVIDE CONDUCTORS AND TERMINATIONS FOR A FULLY FUNCTIONAL SYSTEM.
- 8. CONTRACTOR SHALL PROVIDE 5-FOOT SERVICE LOOP FOR ALL CONDUCTORS IN OWNER'S RTU CABINET. RTU INTERIOR COMPONENTS AND ASSEMBLY BY JVWCD.

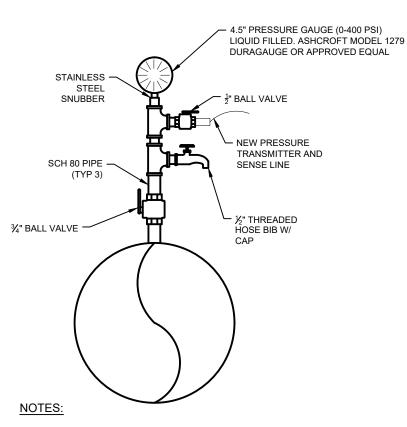
MAGNETIC FLOW METER NOTES:

1. TO JVWCD SUBMERSIBLE SPECIFICATIONS WITH MOD BUS 485.

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- 2. WITH REMOTE DISPLAY
- 3. 150' MINIMUM CABLE, NO SPLICING. TO ACCOMMODATE FUTURE RELOCATION OF CABINET.
- 4. IF ROSEMOUNT 8750W IS SELECTED, DA1 AND DA2 ON OUTPUT
- 5. CONNECT USING EXISTING CONDUITS.
- 6. CONNECTIONS IN RTU CABINET BY OWNER

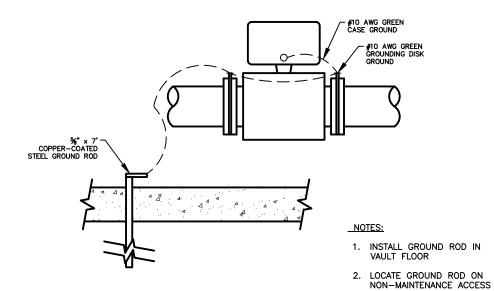




 ALL PIPING, BALL VALVES, AND FITTINGS TO BE STAINLESS STEEL.

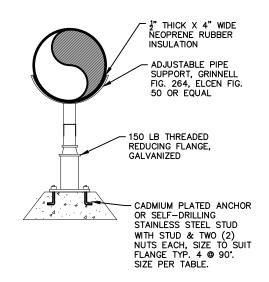
METER GROUNDING DETAIL



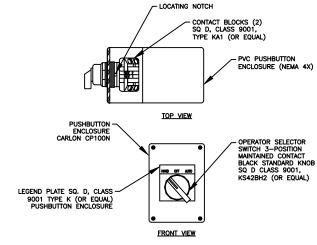


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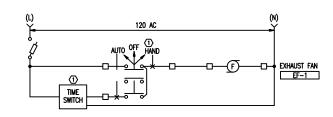
- 1. PIPE SUPPORTS TO BE HOT DIP GALVANIZED AFTER FABRICATION.
- 2. FIELD APPLY GALVANIZED COATING TO EXPOSED THREADED SECTION.



ADJUSTABLE PIPE SUPPORT DETAILS



- PROVIDE A HEAVY DUTY WATERTIGHT "HOA" SELECTOR SWITCH IN A NEMA 4 ENCLOSURE, NEAR THE VAULT ENTRANCE, ACCESSIBLE FROM MANHOLE.
- DEXHAUST FAN HAND-OFF-AUTO SWITCH



\VAULT EXHAUST FAN CONTROL DIAGRAM

	7	REVISIONS		
PROFESSION	REV.	DESCRIPTION	BY	DATE
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SIDE OF PIPE. 3. CRIMPED WIRE LUGS

REQUIRED.

JORDAN VALLEY WATE CONSERVANCY DISTRIC 8215 South 1300 West West Jordan, UT 84088 801-565-4300

	LINE AT F (IF NOT 1" - SC/	ORIGINA SIZE B	
ER	SCALE: NTS		
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	DRAWING:	CDT	
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APPROVAL:

5400 WEST 4700 SOUTH METER VAULT REHABILITATION	11/17/2023	Ē
MECHANICAL AND ELECTRICAL DETAILS		Σ
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