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Addendum No. 1

2018-19 PRESSURE REGULATING STATIONS IMPROVEMENTS

PWP Bid No. WA-2019-061
January 3rd 2019

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

Summary of Addendum Items:

Addendum Item Details:

Questions:

Question No. 1: Sheet M400 has contradicting call outs on existing lines as 10” and 12”. Please verify the size of both existing lines.

Response to Question No. 1: The exterior pipe is 10-inches adjacent to the vault and there is a 12”x10” reducer beyond the limits of work. The plan callout for “REPLACE (E) 12” GTV ON EXTERIOR....” Will be revised to “REPLACE (E) 10” GTV ON EXTERIOR...” – See Revised Plan Sheet M400 included with this Addendum

Question No. 2: Sheet M400 Plan View shows (3) item #2 isolation joints on existing pipe joints. Is the contractor responsible for disassembling the existing flange joints to install an isolation joint and reassemble the existing joints?

Response to Question No. 2: Yes, and coordinate this work with exterior valve replacement work to avoid multiple main outages. Do not want to have pressure on upstream pipe/valve adjacent to vault during interior pipe removal.

Question No. 3: Spec Page 02800-4 part F refers to Grade B8M bolts and 8M nuts for stainless steel flanges. Is the stainless steel flange hardware required for stainless steel flanges or does 02800-2 section 2.1 supersede the stainless steel hardware requirement?

Response to Question No. 3: Delete Paragraph 2.4-F of Technical Specification Section 02800 and refer to Paragraph 2.1 of Technical Specification Section 02800 for bolt and nut requirements.

Question No. 4: There is temporary pavement patching included in two bid items: 4.2 for temporary 3-inch patch at Vassar and Harvard, and item 8.3 for temporary patching at Toll Road and Venus. Is the Toll Road and Venus site (item 8.3) under the County's street cut program with the County's contractor providing the permanent patch later on? If so, is TMWA responsible for the permanent pavement/street cut permit fees? Also, it is not specified how thick the temporary patch is assumed to be? At Vassar and Harvard, the permanent patching is covered under a separate bid item so it's a little more clear that the contractor is responsible for temporary and permanent patching.

Response to Question No. 4: Temporary pavement patching is also included in bid item 5.4 (I Street), while Double R may not require temporary pavement and the Contractor can just install the permanent if the Contractors work plan/schedule dictate. All temporary pavement patches shall be 3-inch hot-mix per Section 02740 of the Technical Specifications. Refer to paragraph 3.4 of Section 0800 which provides the Contractor and TMWA cost responsibility by jurisdiction. Permanent pavement patch in Washoe County streets shall be completed by Washoe County, permanent patching in Reno and Sparks streets shall be completed by Contractor. All temporary pavement patches by Contractor. TMWA will be responsible for the permanent pavement patch/street cut permit fees in Washoe County streets, the Contractor shall be responsible for installing/maintaining a temporary pavement patch until TMWA issues final acceptance. Any permit fees for street cut (aka. excavation and encroachment) paid for by Contractor shall be reimbursed by TMWA with no mark-up.

Clarifications:

Clarification No. 1: TMWA shall provide the property line and easement staking for the placement of electrical improvements at Wedge 2. All construction survey by Contractor who shall be provided electronic CAD files (version 2018) to facilitate field layout. Improvements shall be constructed per the specified cover/clearances noted.

Clarification No. 2: Locations pipe insulation is specified on the plans shall be tested per the requirements stipulated in the paragraph added to Technical Specification 02800 included in this Addendum below.

Drawing Revisions:

- Improvement plan Sheet C600 has been revised to add 1-1/2" crushed rock surface for the driveway area, see revised plan included with this Addendum.
- Improvement plan Sheet M400 has been corrected for the incorrect 12-inch callouts per question number 1 above.

- Incorporate the following changes into the electrical plan sheet noted:
 - **E-001:**
 - Equipment Schedule – ES/9 – Meter-Main – reference to shunt-trip to be removed. Only a main breaker is required.
 - Equipment Schedule – ES/10 – RTU Enclosure callout to read – “Saginaw #SCE-72EL3624FS. Backpanel, LED light, cabinet heater and power supply to be part of the RTU package provided by TMWA”.
 - **E-200:**
 - D/200, E/E200, and sheet note #4/E200– Reference to shunt-trip breaker to be removed. Only a main breaker is required.
 - B/E200 - All receptacles in PRS Vault shall be GFI type.
 - E/E200 – Delete all requirements and references to GFI breakers
 - D/E200 – Reference to shunt-trip float switch to be removed.
 - **E-300:**
 - D/E300, E/E300 – and sheet note # 3/E300– Reference to shunt-trip breaker to be removed. Only a main breaker is required.
 - B/E300 - All receptacles in PRS Vault shall be GFI type.
 - E/E300 – Delete all requirements and references to GFI breakers.
 - E/E300 – Reference to shunt-trip float switch to be removed.
 - **E-400:**
 - D/E400, E/E400 – Reference to shunt-trip breaker to be removed. Only a main breaker is required.
 - E/E400 - All receptacles in PRS Vault shall GFI type.
 - E/E400 - Delete all requirements and references to GFI breakers
 - D/E400 – Reference to shunt-trip float switch to be removed.
 - E/E400 - Delete breaker for sump pump in position 4.

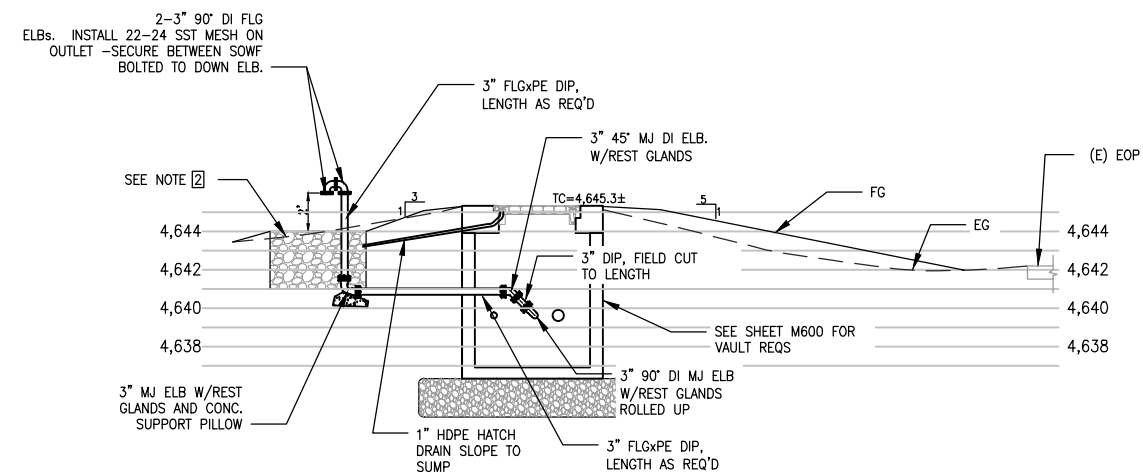
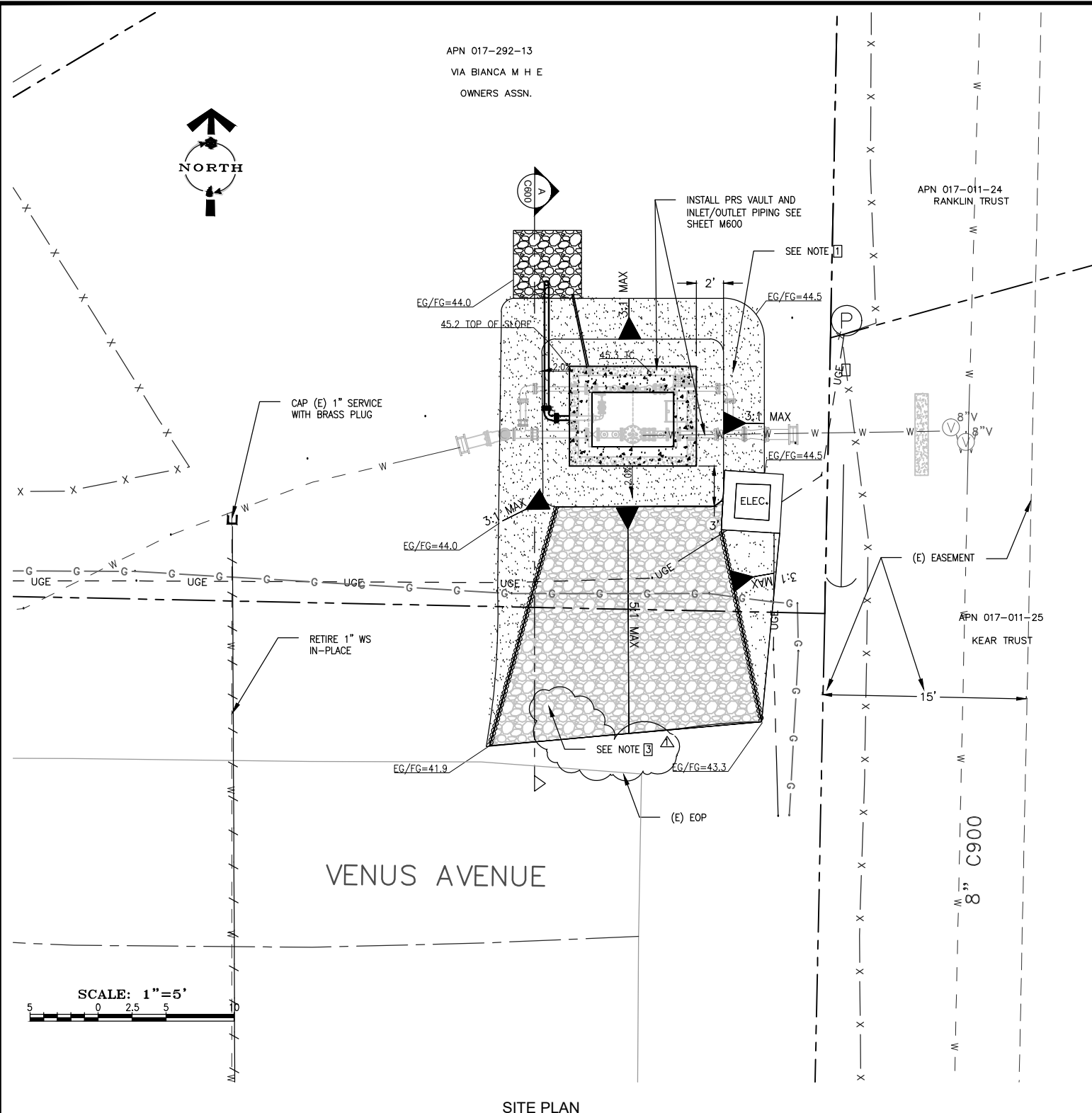
Specification Changes:

- Delete Paragraph 2.4-F of Technical Specification Section 02800 and refer to Paragraph 2.1 of Technical Specification Section 02800 for bolt and nut requirements.
- Add the following Paragraph 3.20 to Technical Specification Section 02800:

3.20 After installation of the test stations and corrosion monitoring facilities, the system shall be tested under the direct supervision of a NACE International certified Cathodic Protection Specialist or Registered Corrosion Engineer hired by the Contractor to ensure conformance with the specifications. A minimum of a 5-day notice shall be given to the TMWA Representative prior to scheduling the testing of the systems. Any repair or re-testing of the system shall be at the Contractor's expense. The Contractor shall verify the proper installation of the dielectric isolating flange kits before backfill (if applicable, otherwise prior to final acceptance) or using Gas Electronics Model 601 Isolation Checker, or approved equal. Defective insulation joints shall be corrected and retested at the Contractor's expense – Added per Addendum #1.

END OF ADDENDUM 1

APN 017-292-13
VIA BIANCA M H E
OWNERS ASSN.



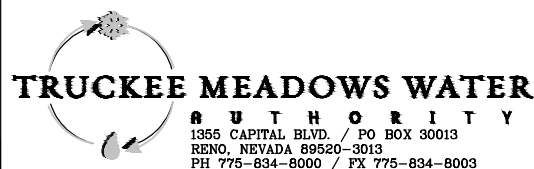
SECTION A
SCALE: 1"=5'

CIVIL SHEET NOTES:

- 1 PROVIDE TYPE 2 AB SURFACE CAP AT 95% REL. COMPACTION. SLOPE PER PLANS. CLEAR AND GRUB EXISTING AREA AND SCARIFY COMPACT EXISTING NATURE TO 8-INCH DEPTH PRIOR TO AB PLACEMENT
- 2 PROVIDE 5'x5'x3" DEEP (2.8 CU. YDS.) OF CLASS 150 RIP-RAP FOR PRESSURE RELIEF DISCHARGE SUMP. WRAP SIDES AND BOTTOM WITH MIRIFI 180N FABRIC OR APPROVED EQUAL.
- 3 PROVIDE 1-1/2" SCREENED CRUSHED ROCK CAP ABOVE TYPE 2 AB 3-INCHES IN DEPTH APPROXIMATELY 270 SQ. FT.. ROCK SOURCE "RENO ROCK" OR APPROVED EQUAL PROVIDE SAMPLE SUBMITTAL FOR APPROVAL PRIOR TO PLACEMENT.

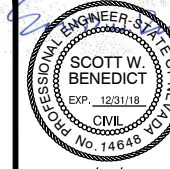
REVISION	DESCRIPTION	BY	APP	DATE
△	ADDENDUM #1 - ADDED 1-1/2" ROCK CAP FOR LIMITS SHOWN	SWB	JB	1/2/18

WORK ORDER NO. 16-0015
DESIGNED SWB
DRAWN SWB
DATE NOVEMBER 2018
CHECKED -
SUBMITTED -
RECOMMENDED -
APPROVED



NOT REPRODUCIBLE
PROPERTY OF
TRUCKEE MEADOWS WATER
AUTHORITY, RETURN UPON
COMPLETION OF PROJECT
(Per Homeland Security Act)

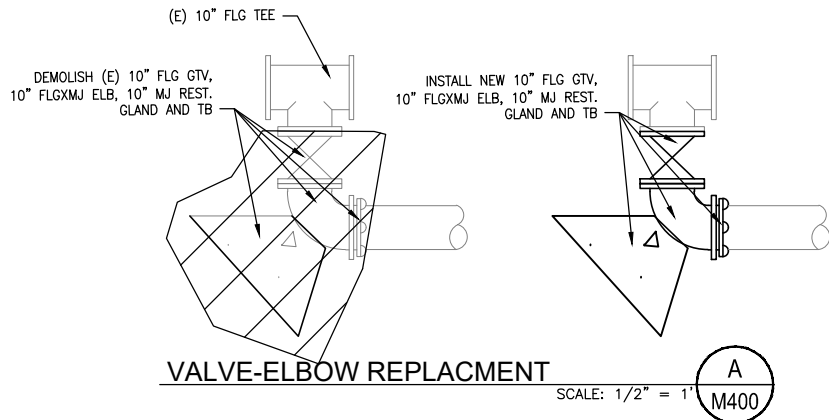
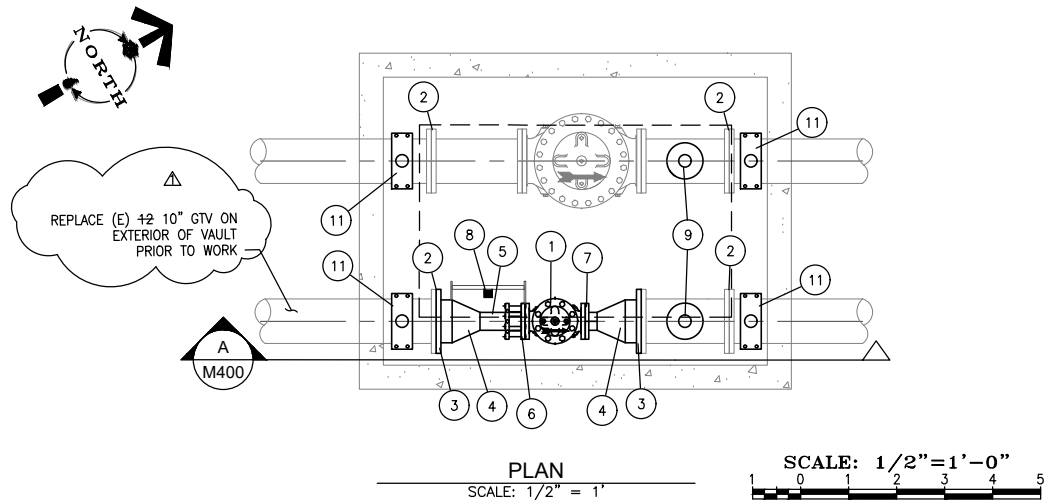
2018/19 PRESSURE REGULATING STATIONS IMPROVEMENTS WASHOE COUNTY, NEVADA VENUS SITE PLAN



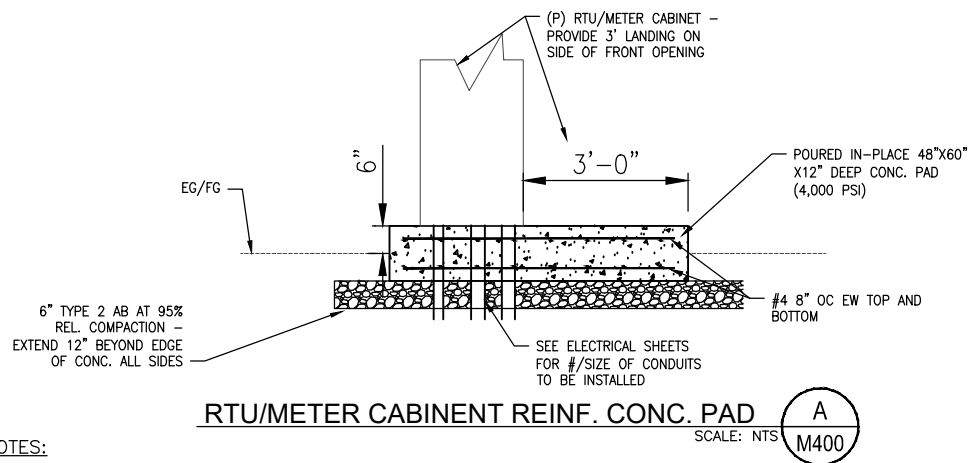
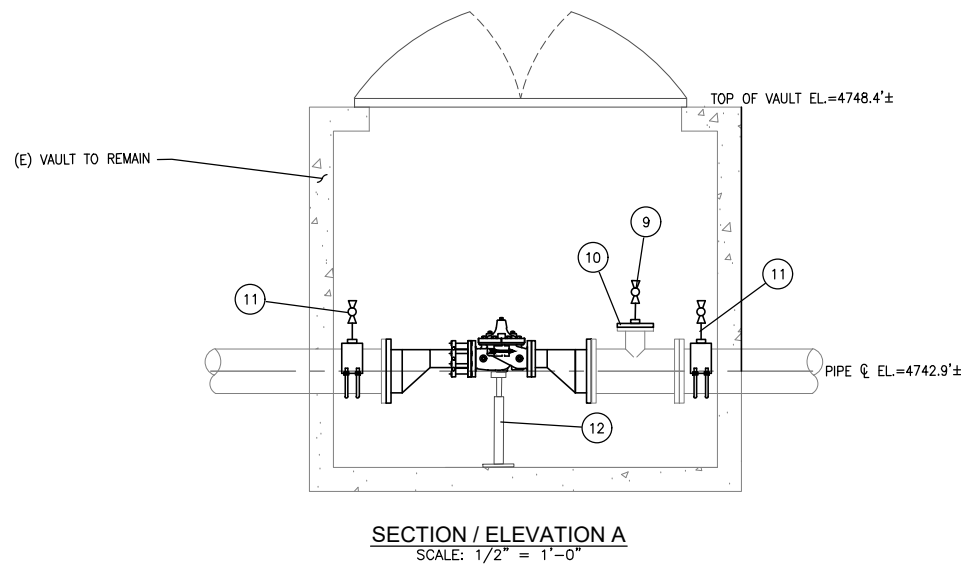
SHEET NUMBER

C600

17 OF 28



WEDGE 2 PRS MATERIAL SCHEDULE			
TAG	DESCRIPTION	DETAIL	SPEC
01	4" PRESSURE REDUCING VALVE, CLA-VAL MODEL: 90-01		15100
02	10" FLANGE ISOLATION KIT		02800
03	10" SST WELD NECK FLG		02800
04	10"x4" SST ECC RED.		02800
05	4" SCH 40 SST PIPE		02800
06	4" REST. FCA		02800
07	4" SST WELD NECK FLG		02800
08	PROVIDE LADDER-UP TO (E) LADDER		02800
09	4" COMPANION FLANGE OUTLET WITH 1-2" OUTLET	M106/TYP	2800
10	4" DI COMPANION FLG W/2" OUTLET (2 TOTAL)		02800
11	2" SERVICE SADDLE AND OUTLET	M105/TYP	02800
12	ADJUSTABLE PIPE SUPPORT	M500/TYP	02800

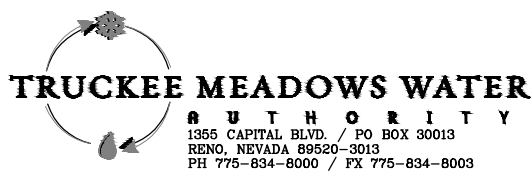


NOTES:

- CONTRACTOR TO VERIFY PIPE/FITTING LAY LENGTHS PRIOR TO ORDERING AND FABRICATION.

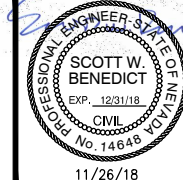
REVISION	DESCRIPTION	BY	APP	DATE
Δ	ADDENDUM #1 - CORRECTED VALVE SIZE CALLOUT FROM 12" TO 10"	SWB	JB	1/2/18

WORK ORDER NO.	16-0015
DESIGNED	SWB
DRAWN	SWB
DATE	NOVEMBER 2018
CHECKED	-
SUBMITTED	-
RECOMMENDED	-
APPROVED	-



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**2018/19 PRESSURE REGULATING
STATIONS IMPROVEMENTS
WASHOE COUNTY, NEVADA
WEDGE #2 MECHANICAL PLAN
& SECTION - SITE PLAN**



SHEET NUMBER

M400

21 OF 28

11/26/18