

Addendum No. 1 STEAD MAIN REPLACEMENT PHASE 2

PWP No.: WA-2017-040 TMWA Project No.: 10-0001.030

December 21, 2016

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.

Information, Clarifications, Changes and Modifications

A. Technical Specifications:

- 1. Section 33 14 00 Water Utility Transmission and Distribution, REPLACE Part 2.11 with the following.
 - 2.11 Combination Air/Vacuum Valves

6-inch Combination Air/Vacuum Valves shall be Vent-O-Mat Series RBX DN150 with flanged ends, model number 150 RBX 19 41 E4; no equal. 1-inch Combination Air Valve depicted in TMWA Standard Detail 10L-4 shall meet the requirements of AWWA C512 and shall be NSF-61 certified.

B. Drawings:

1. REPLACE the following Drawings with the attached revised version of each Drawing containing Addendum No. 1 revisions:

Drawing P5 (sheet 7) – revised pipeline profile to eliminate high point at STA 27+07± and added note regarding removal of existing 8-inch water main if it is in conflict with the new water main installation.

Drawing P6 (sheet 8) – revised pipeline profile to accommodate revision from drawing P5

Drawing P10 (sheet 12) – revised pipeline profile to eliminate flat slope between STA $54+10\pm$ to STA $56+40\pm$

Drawing P12 (sheet 14) – revised pipeline profile to eliminate flat slope between STA $67+25\pm$ to STA $69+40\pm$

Drawing P20 (sheet 22) – added Combination Air Release Valve at STA 109+25±, reference Sheet Keynote #9

Page 1 of 2

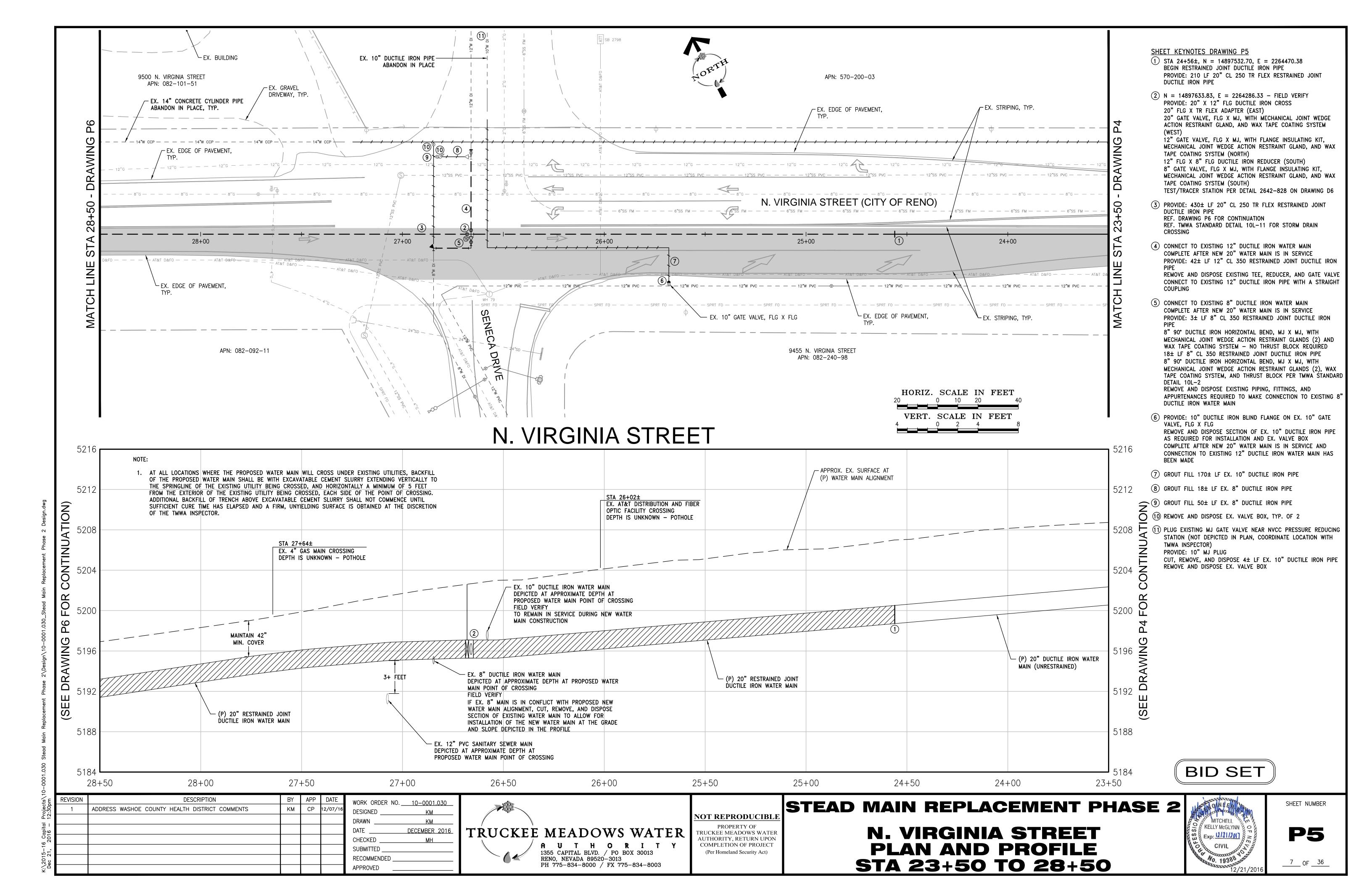


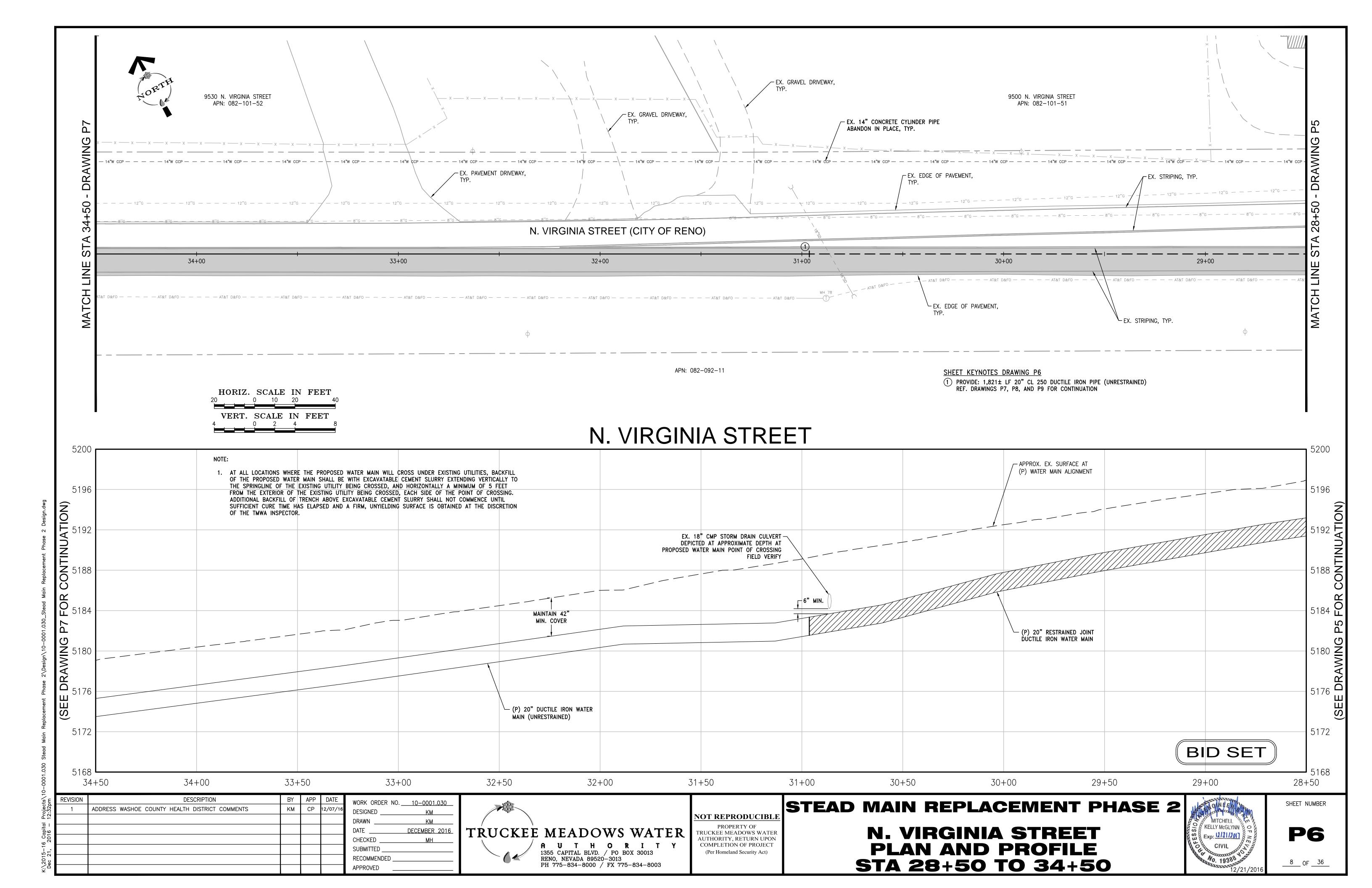
Drawing D3 (sheet 33) – added TMWA Standard Details 10L-4 and 10H-2 Drawing D4 (sheet 34) – added "MIN. 12" AIR GAP" dimension in section view

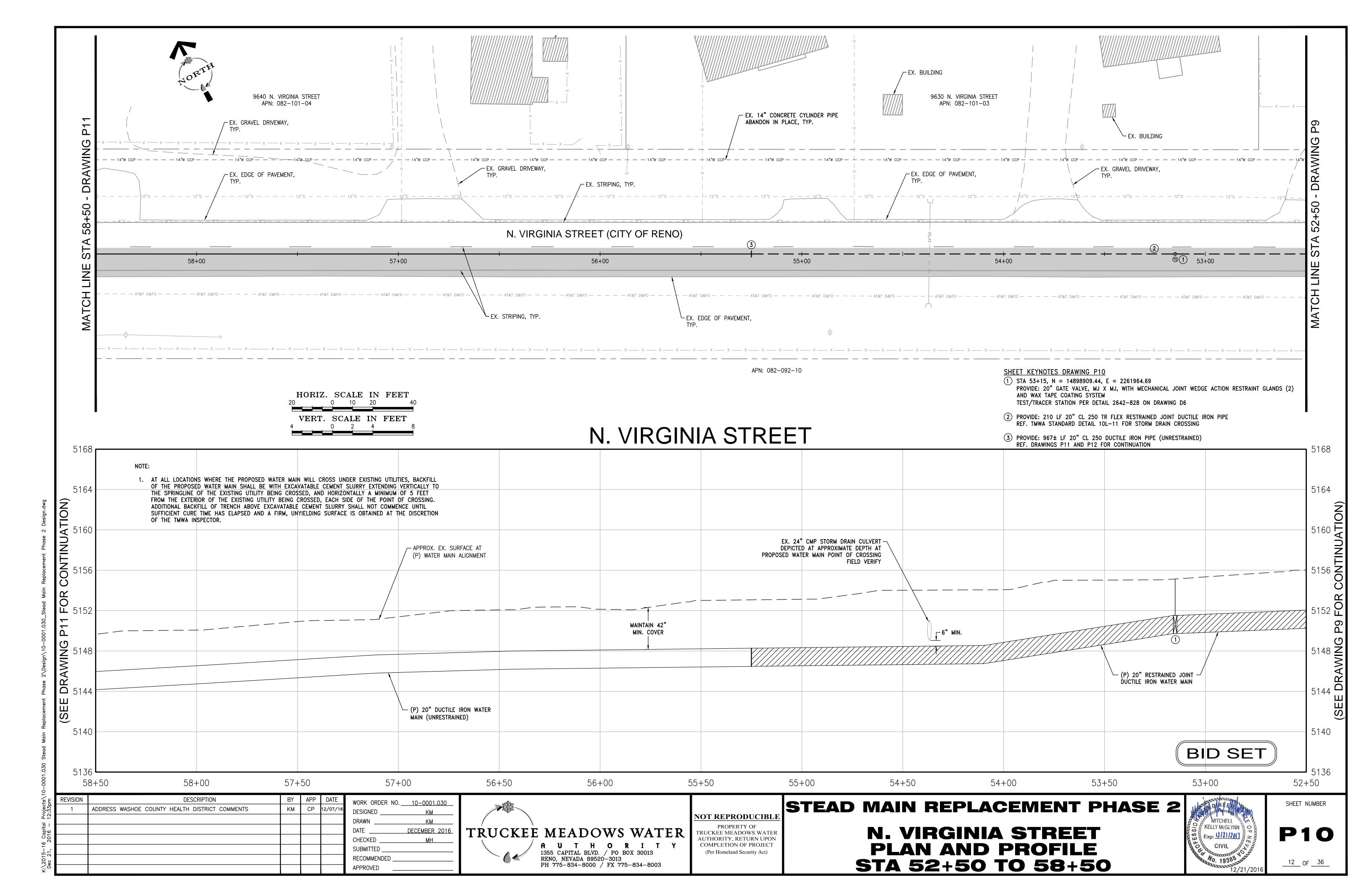
C. Geotechnical Investigation:

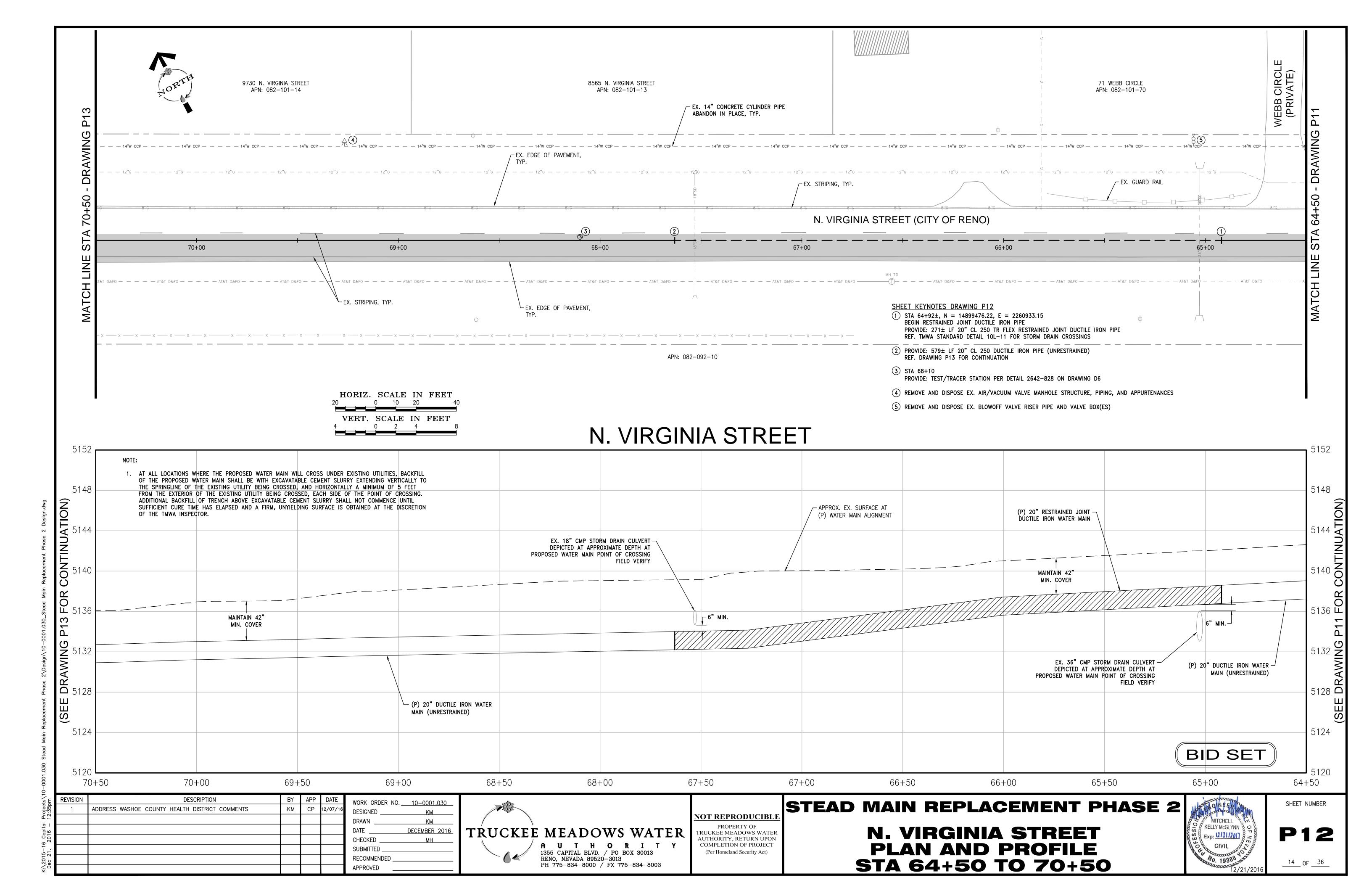
1. A geotechnical investigation report for the proposed casing and pipeline installation and receiving pits at the Union Pacific Railroad track crossing has been posted under the project tab on TMWA's website.

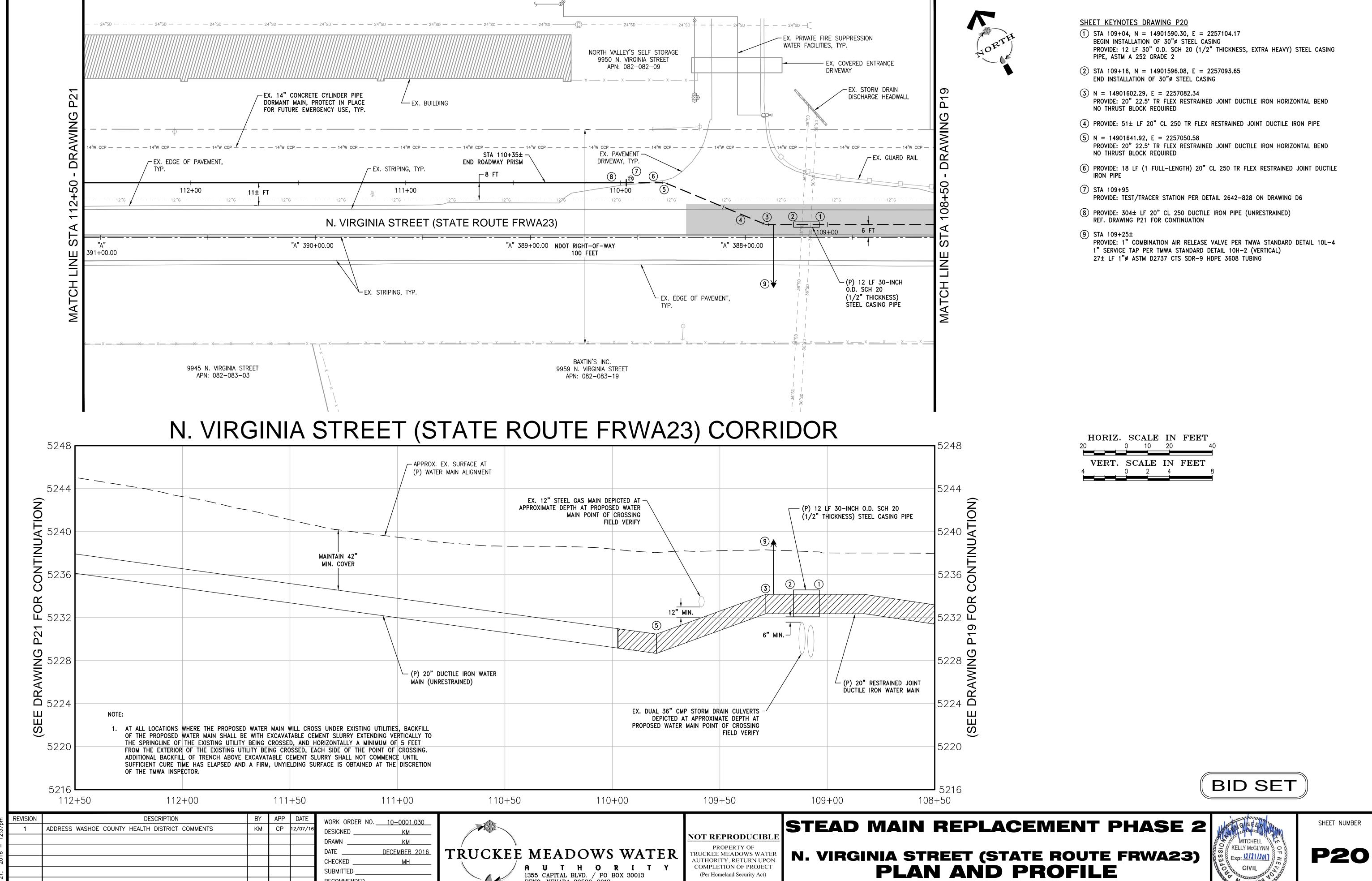
END OF ADDEMDUM NO. 1











(Per Homeland Security Act)

STA 108+50 TO 112+50

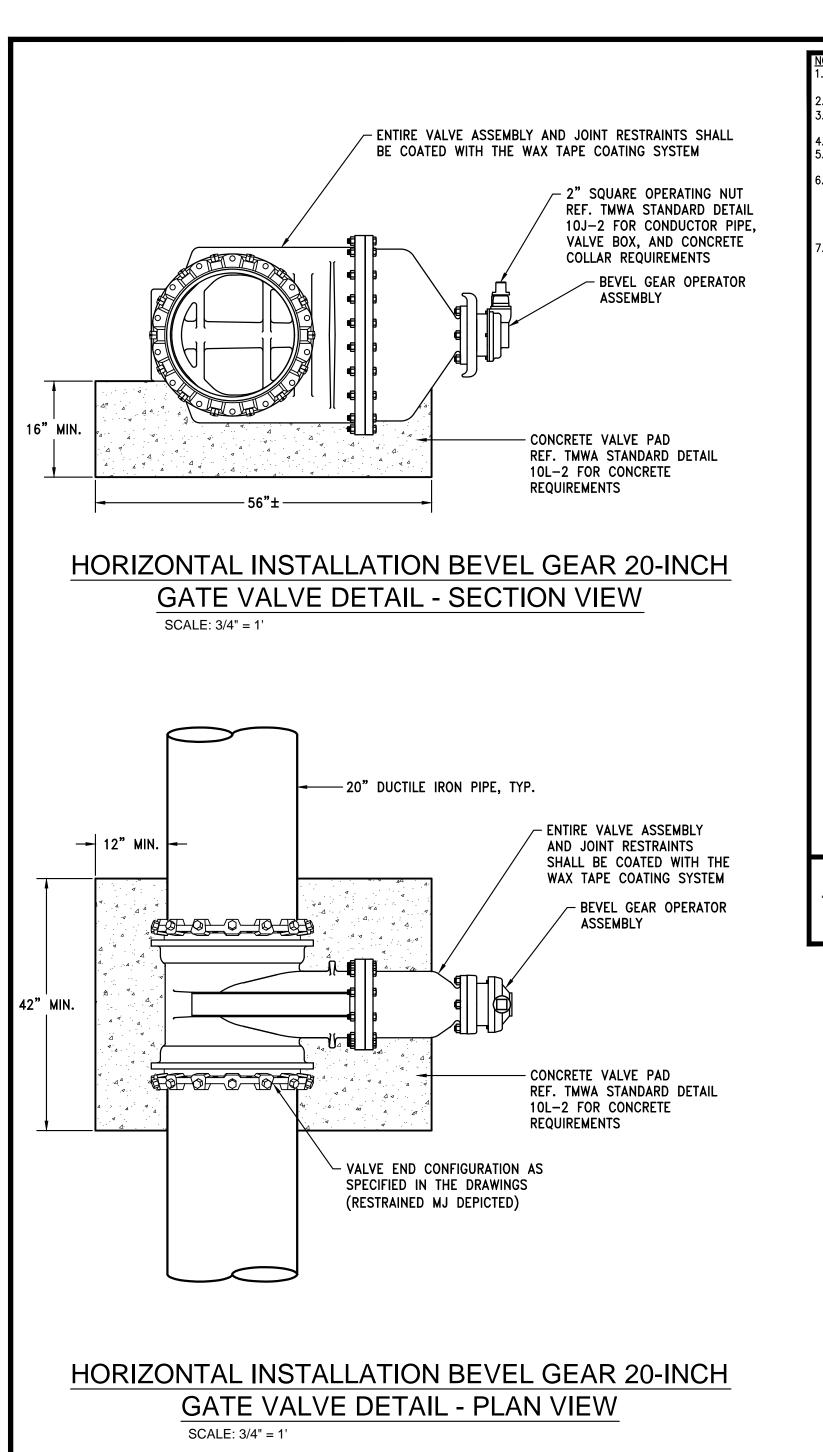
1355 CAPITAL BLVD. / PO BOX 30013

PH 775-834-8000 / FX 775-834-8003

RENO, NEVADA 89520-3013

RECOMMENDED

__22_ OF __36_



TOP OF EXTENSION TO BE 12" - 24" FROM FINISHED GRADE √ 1/4" STEEL PLATE X 2" SQUARE \sim 1/4" STEEL PLATE X 5-3/4"ø - 3/4"ø STEEL PIPE

OPERATING NUT EXTENSION

WORK ORDER NO. <u>10-0001.030</u> 2/07/1 DESIGNED DRAWN DATE CHECKED SUBMITTED RECOMMENDED

APPROVED



PH 775-834-8000 / FX 775-834-8003

NOT REPRODUCIBL

TRUCKEE MEADOWS WATER AUTHORITY, RETURN UPON COMPLETION OF PROJECT



WATER MAIN

FOR MATERIAL

SEWER MAIN

MECHANICALLY

JOINTS WITHIN 10'

OF CROSSING

MECHANICALLY

RESTRAIN ALL JOINTS

LESS THAN 18"

OPTION 1

RESTRAIN ALL WATER MAIN RESTRAIN ALL WATER MAIN

MIN. 6"

OPTION 2

RESTRAIN ALL JOINTS RESTRAIN ALL JOINTS
WITHIN 10' OF CROSSING WITHIN 10' OF CROSSING

MECHANICALLY

JOINTS WITHIN 10'

OF CROSSING

MECHANICALLY

SEWER MAIN

SEWER MAIN

WATER MAIN 1 FULL

SECTION OF DUCTILE

IRON PIPE CENTERED

AT CROSSING WHEN

WATER MAIN 1 FULL

SECTION OF DUCTILE

IRON PIPE CENTERED

AT CROSSING WHEN

PRACTICAL

PRACTICAL

REFER TO PLAN

MECHANICALLY

RESTRAIN JOINT

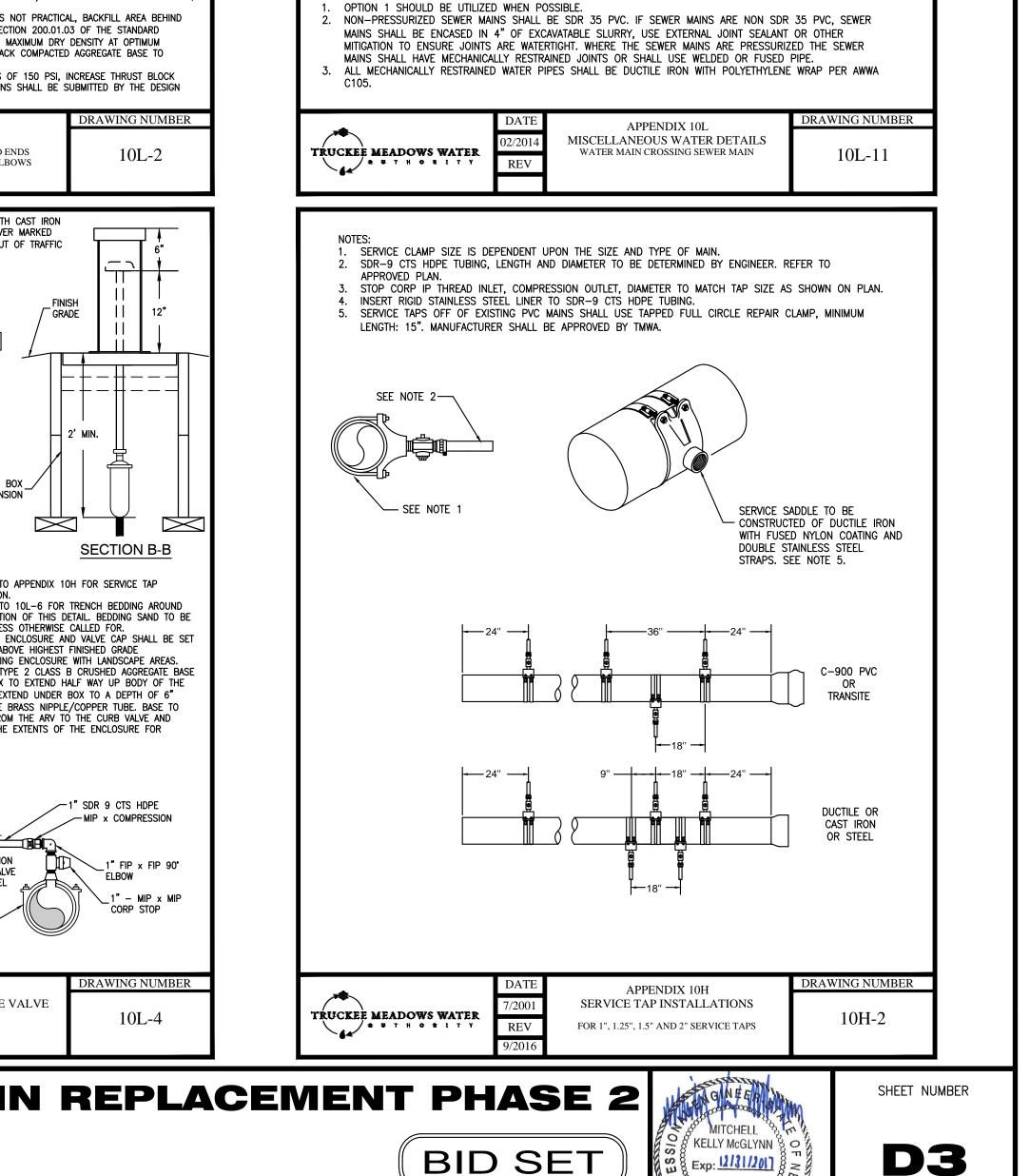
1 FULL SECTION OF DUCTILE IRON PIPE.

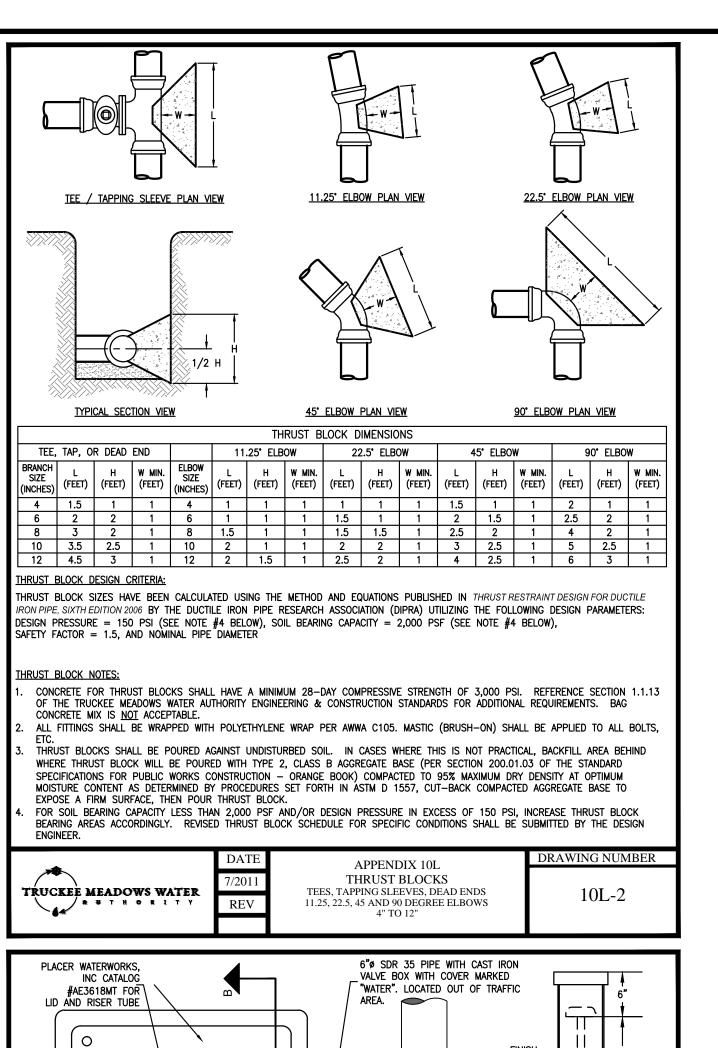
1 FULL SECTION OF

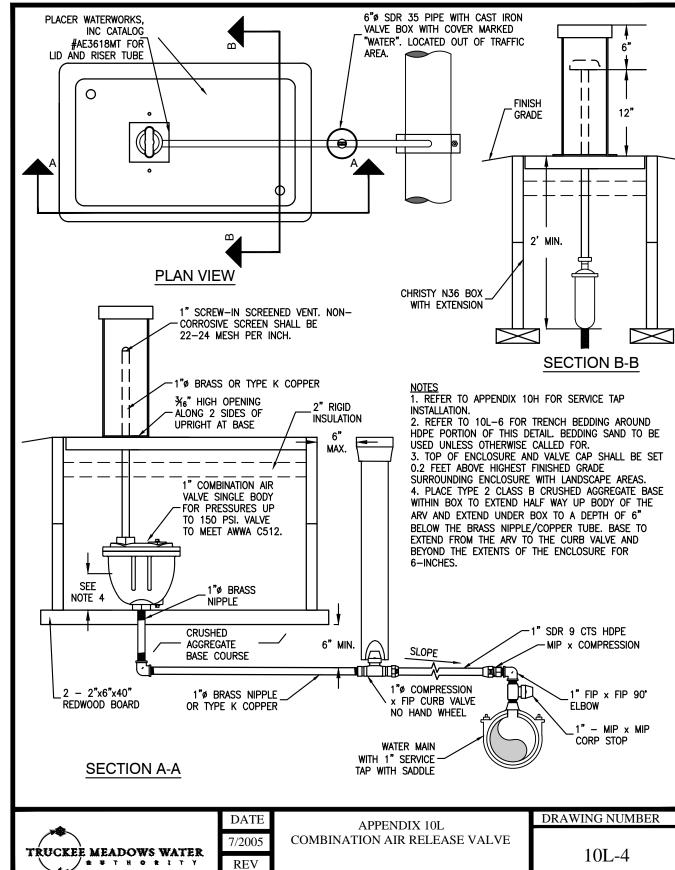
DUCTILE IRON PIPE.

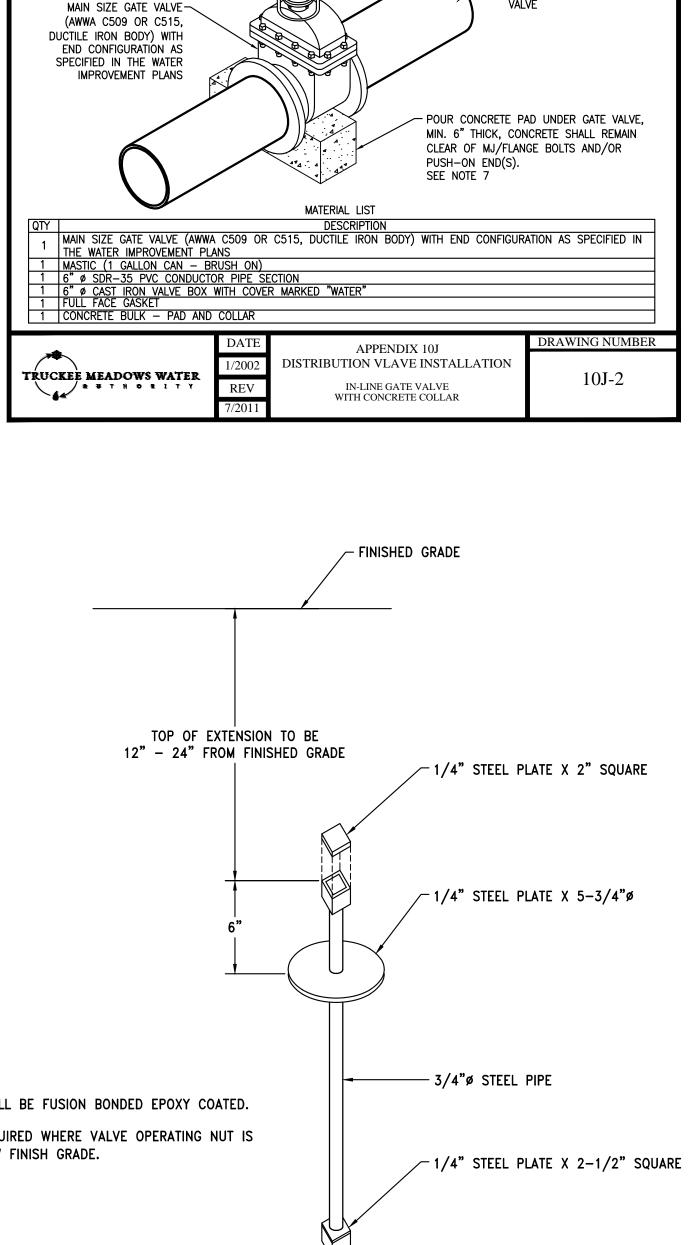
MECHANICALLY

RESTRAIN JOINT









CONCRETE COLLAR SHALL BE MINIMUM 6-INCHES THICK OR MATCH PAVEMENT THICKNESS. WHICHEVER IS GREATER.

CONTRACTOR AND/OR DESIGN ENGINEER SHALL CONSULT WITH THE JURISDICTIONAL AGENCY RESPONSIBLE FOR THE

GATE VALVE, DUCTILE IRON PIPE, AND OTHER METAL PARTS SHALL BE ENCASED WITH POLYETHYLENE WRAP PER AWWA UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL AGENCY RESPONSIBLE FOR THE ROADWAY, PORTLAND CEMENT

WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. BAG CONCRETE MIX IS NOT

6" CAST IRON VALVE BOX WITH

- 6" THROUGH 12" WATER MAIN

(C900 PVC OR DUCTILE IRON), TYP. BOTH SIDES OF

COVER MARKED "WATER"

CONCRETE FOR PAD SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI AFTER 28 DAYS. BAG

CONCRETE (P.C.C.) FOR CONCRETE COLLAR SHALL HAVE THE FOLLOWING CHARACTERISTICS: 4,000 PSI MINIMUM

COMPRESSIVE STRENGTH AT 28 DAYS, MINIMUM 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAXIMUM

FOR MULTIPLE VALVE/RISER BOXES IN CLOSE PROXIMITY, A MONOLITHIC CONCRETE COLLAR MAY BE POURED.

UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL AGENCY RESPONSIBLE FOR THE ROADWAY.

ROADWAY FOR REQUIREMENTS THAT MAY VARY FROM THIS STANDARD PRIOR TO CONSTRUCTION.

ALL BOLTS AND EXPOSED METAL SHALL BE COATED WITH BRUSHED-ON MASTIC.

CONCRETE MIX IS NOT ACCEPTABLE.

CONCRETE COLLAR -SEE NOTES 3 & 6

SDR-35 PVC COUPLING SHALL

BE USED TO RAISE TO FINISH

6" SDR-35 PVC CONDUCTOR-

PIPE, CENTERED OVER VALVE

NOTE 2

STEAD MAIN REPLACEMENT PHASE 2

PIPELINE DETAILS

BID SET

DESCRIPTION

ADDRESS WASHOE COUNTY HEALTH DISTRICT COMMENTS

NOTES:

KM CP

1. OPERATING NUT EXTENSION SHALL BE FUSION BONDED EPOXY COATED.

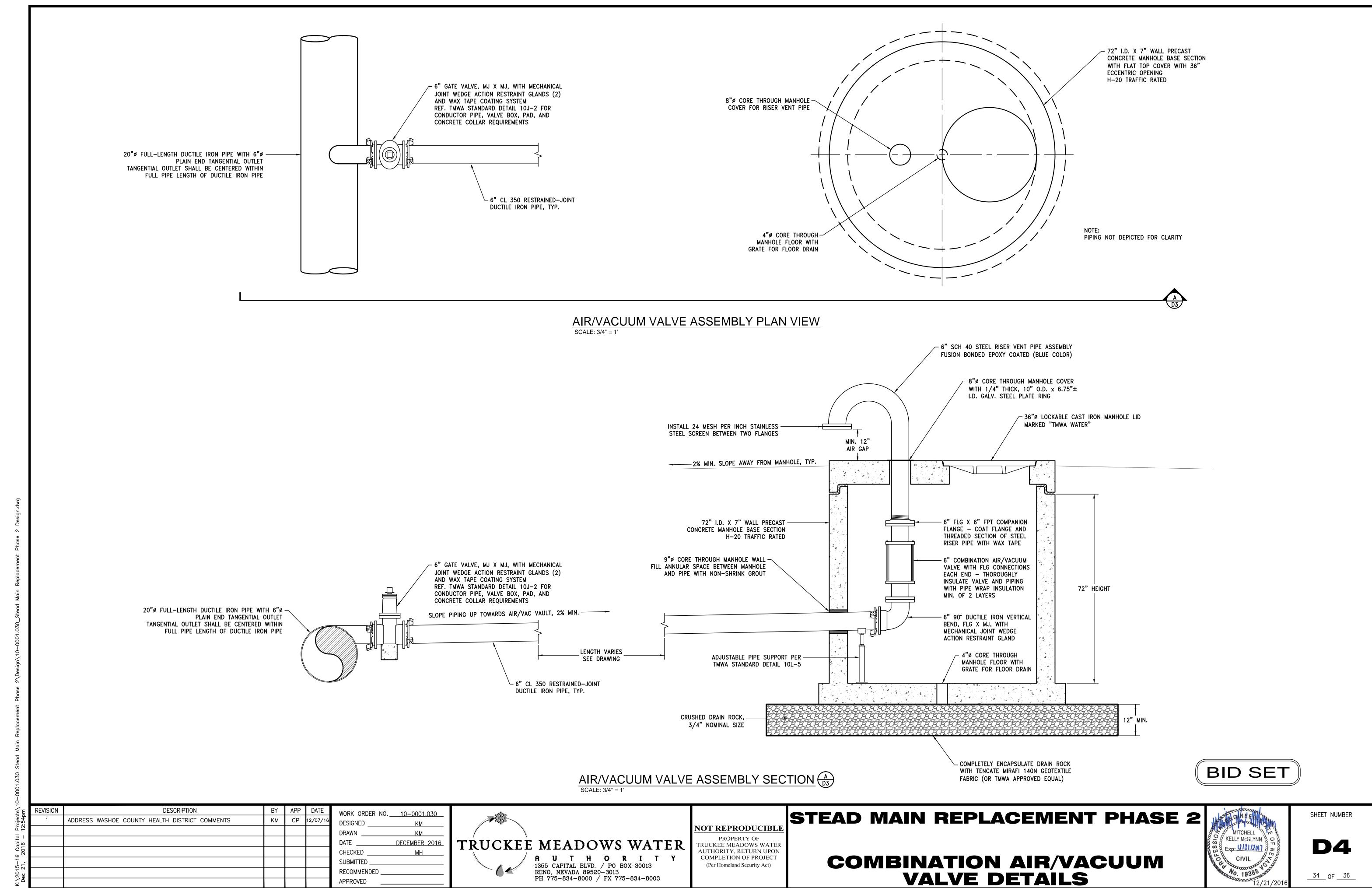
2. OPERATING NUT EXTENSION REQUIRED WHERE VALVE OPERATING NUT IS IN EXCESS OF 30" DEEP BELOW FINISH GRADE.

NOT TO SCALE

RENO, NEVADA 89520-3013

(Per Homeland Security Act)

33 OF 36



PH 775-834-8000 / FX 775-834-8003

APPROVED

34 OF 36