2'-0" 2'-0"

FINISHED GRADE

2'-2"± 2'-6" MIN.

M401 LINK SEAL, TYP 2

UNDISTURBED EARTH OR COMPACT TO 95% DRY DENSITY ACCORDING TO ASTM-D1557

M108 ADJUSTABLE PIPE SUPPORT W/ U-BOLT

REINFORCING PLATE

24" RW (6) OR 25" RW (8)

MOUND SOIL AT 3:1 SLOPE ALL THE WAY AROUND VAULT FOR ADDITIONAL FREEZE PROTECTION

24" AND 6:5 CLASS 300 FLANGE (SEE NOTE 1)

24" AND 6:5 CLASS 300 FLANGE (SEE NOTE 1)

24" BUTTERFLY VALVE

10" OF DRAIN ROCK E14 PER SPEC 310500

$core through vault floor and embed into gravel layer (typ 4 corners of vault) -undisturbed earth or compact to 95% dry density according to ASTM-D1557

UNDISTURBED EARTH OR COMPACT TO 95% DRY DENSITY ACCORDING TO ASTM-D1557

3" - ANSI 16.5 CLASS 300 FLANGE, DRILL AND TAP TO MATCH VALVE INLET

2" FLANGE, SEE NOTE 1

3" VT (2)

3" COMBINATION AIR VALVE

ATTACH EMERGENCY SHUT-OFF CABLE TO TOP LADDER RUNG

3" COMBINATION AIR VALVE

3" SPRAY-ON TYPE INSULATION, TYP WALLS AND CEILING

3" - ANSI 16.5 CLASS 300 FLANGED OUTLET, (LINING AND COATING SHALL MATCH MAIN PIPE)

STEEL BALL VALVE WITH SCREWED ENDS (1,000 PSI CWP)

WARNING

1. IF PIPE MATERIAL 8 (25" PIPE) IS USED, THE 24" FLANGE SHALL BE REMOVED TO PROVIDE CLEARANCE FOR 25" PIPE. FLANGE SHALL BE WELDED TO THE 25" PIPE PER AWWA-D.207.

NOTES:

1. If material of 25" pipe is used, the 24" flange shall be removed to provide clearance for 25" pipe. Flange shall be welded to the 25" pipe per AWWA-D.207.

VALVE VAULT SECTION DETAIL

SCALE: 3/4"=1'-0"

VALVE VAULT SECTION DETAIL

SCALE: 1/2"=1'-0"

JAL 5/25/22 ISSUED FOR CONSTRUCTION

JAL 6/10/22 REVISED - ISSUED FOR CONSTRUCTION

J. BURNS

R. WOOD

J. LOWY

KLAMATH RIVER RENEWAL CORPORATION

CITY OF YREKA WATER LINE

CIVIL SECTIONS AND DETAILS

DRAWN

CHECKED

DESIGNED

PROJECT MANAGER

ASSOCIATES

McMILLEN JACOBS

Path: C:\Vault20\Klamath River Renewal Corp\City of Yreka Water Line\C202.dwg

Plot date: Jun 10, 2022 12:29pm, CAD User: JoeNeves

SCALE: 3/4"=1'-0"