



1 TYPICAL SECTION
NTS

NOTES: 

1. SIZE AND PRESSURE CLASS AS INDICATED ON THE PLANS, SHALL BE DETERMINED BY THE DESIGN ENGINEER, MINIMUM SIZE 3/4 INCH. CORP BALL VALVE SHALL BE MUELLER B-20013N OR B-2969N, OR FORD FB500-X-NL WITH MALE IP THREADS BOTH ENDS OR APPROVED EQUAL. ELBOW COUPLING SHALL BE MUELLER H-15533N FEMALE IP THREAD X CTS 110 COMP, OR FORD L14-XX-Q-NL FEMALE IP THREAD X QUICK JOINT, W/ TUBING LINER OR APPROVED EQUAL. BALL CURB VALVE SHALL BE MUELLER B-25171N OR FORD B41-xxx-NL FEMALE IP X CTS 110 OR APPROVED EQUAL. AIR RELEASE VALVE SHALL BE EPOXY COATED PER ANSI/AWWA C550.
2. AIR RELEASE VALVES SHALL BE INSTALLED OUTSIDE PAVEMENT SECTION. SLOPE GROUND AWAY FROM AIR RELEASE VALVE BOX OR CONSTRUCT MINIMUM HEIGHT CURBING TO PROTECT FROM FLOODING BY SURFACE WATERS.
3. ALL PIPES SHALL HAVE POSITIVE SLOPE FROM MAIN LINE TO AIR RELEASE VALVE.
4. 1-1/2 INCH TO 2 INCH AIR RELEASE VALVES REQUIRE A 17 INCH BY 30 INCH CONCRETE BOX WITH AN H2O TRAFFIC-RATED GALVANIZED LID LABELED "WATER" (CHRISTY B1730 AND B1730-51JHG OR APPROVED EQUAL).
5. STEEL PIPE PAINT SHALL BE RUST-OLEUM 7400 HIGH GLOSS SAFETY YELLOW ALKYD ENAMEL OR APPROVED EQUAL.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	TYP SECT &	10/25	POTABLE WATER AIR RELEASE	CARSON CITY
	NOTES			DRAWING NO. C-3.1.10
				DATE OCT 2025
APPROVED BY: <u>DA</u>	10/25			