

INSTALL 36 X 48 BOX W/ TRAFFIC RATED LID MARKED "RCW" (CHRISTY B3048 & B30480-53JH OR APPROVED EQUAL)

4" CLOSED CELL POLYETHYLENE FOAM (2.2 LB/CU FT MAX) W/ HANDLES-CUT FOAM TO FIT TIGHTLY

12" MIN  
18" MAX  
SLOPE  
BACK OF WALK  
FINISH GRADE

INSTALL:  
PVC NPT THREADED NIPPLE  
(2) PVC 90 THDxSLP 6" PVC SPOOL

2" MIN. SEWAGE AIR RELEASE VALVE (APCO SERIES 440 AIR /VAC RELEASE OR APPROVED EQUAL)

1 INSTALL STAINLESS UNI-STRUT BRACE

INSTALL BRASS NIPPLE (NPT)

BRASS 90° ELBOW

BRASS UNION

PLACE MASONRY BLOCK

PLACE MASONRY BLOCK (4)

INSTALL CHRISTY 36 X 48 X 12 BOX RISERS (CHRISTY 1000320 OR APPROVED EQUAL)

BRASS NIPPLE (MAINTAIN POSITIVE SLOPE)

INSTALL BRASS ANGLE VALVE

4" CLASS "C" BACKFILL

1

6" CLASS C OR AGG BASE BACKFILL

PURPLE TRACER WIRE (SEE DWGS. C-3.2.1 & C-1.2.1)

ELBOW COUPLING (SEE NOTE 1)

CTS POLYETHYLENE TUBING MIN. TEST PRESSURE OF 200 PSI, OR CLASS RATING OF PIPE, WHICHEVER IS GREATER (SEE DWGS. C-3.2.1 & C-1.2.1, & NOTE 3.)

POSITIVE SLOPE (SEE NOTE 2)

SERVICE SADDLE W/ CORP. BALL VALVE, TAP ON TOP OF PIPE (SEE DWG. C-3.2.1) VALVES GREATER THAN 2" REQUIRE A TAPPING SLEEVE AND GATE VALVE AT TOP OF PIPE. (SEE DWG. C-3.1.3)

RECLAIMED WATER MAIN

**TYPICAL SECTION**

NTS

**NOTES:**

- AIR RELEASE/VACUUM VALVES SHALL BE INSTALLED OUTSIDE PAVEMENT SECTION. SLOPE GROUND AWAY FROM AIR RELEASE/VACUUM VALVE BOX OR CONSTRUCT MINIMUM HEIGHT CURBING TO PROTECT FROM FLOODING BY SURFACE WATERS.
- ALL PIPES SHALL HAVE POSITIVE SLOPE FROM MAIN LINE TO AIR/VACUUM VALVE.
- SIZE AND PRESSURE CLASS AS INDICATED ON THE PLANS (2 INCHES MINIMUM), SHALL BE DETERMINED BY THE DESIGN ENGINEER. CORP BALL VALVE SHALL BE MUELLER B-20013 OR B-2969, OR FORD FB-500-x WITH MALE I.P. THREADS BOTH ENDS OR APPROVED EQUAL. ELBOW COUPLING SHALL BE MUELLER H-15533 FEMALE I.P. THREAD X CTS 110 COMP, OR FORD L14-xx-Q FEMALE IP THREAD X QUICK JOINT, W/ TUBING LINER OR APPROVED EQUAL.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	ARV	9/17	<b>RECLAIMED WATER AIR/VACUUM VALVE</b>	CARSON CITY
				DRAWING NO. C-3.1.11 (203,307)
				DATE SEP 2017
APPROVED BY: 				