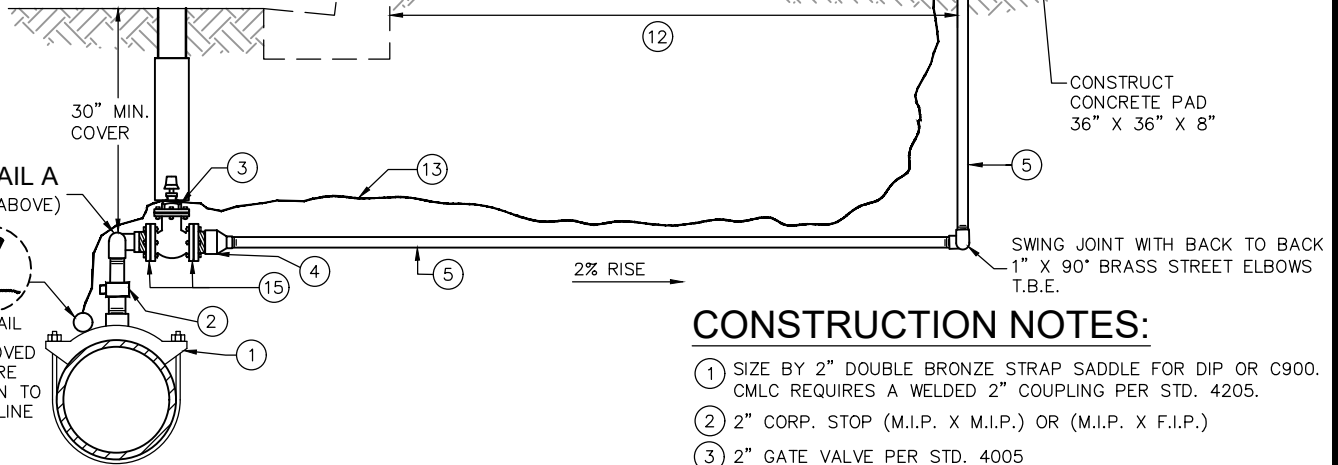


**DETAIL A**  
TOP VIEW



**CONSTRUCTION NOTES:**

- ① SIZE BY 2" DOUBLE BRONZE STRAP SADDLE FOR DIP OR C900. CMLC REQUIRES A WELDED 2" COUPLING PER STD. 4205.
- ② 2" CORP. STOP (M.I.P. X M.I.P.) OR (M.I.P. X F.I.P.)
- ③ 2" GATE VALVE PER STD. 4005
- ④ 2" X 1" REDUCER
- ⑤ 1" RED BRASS IN PLASTIC SLEEVE
- ⑥ 1" CURB STOP
- ⑦ 1" BRASS CLOSE NIPPLE
- ⑧ AIR RELEASE AND VACUUM VALVE
- ⑨ 1" GALVANIZED NIPPLE
- ⑩ 1" STD. ELBOW
- ⑪ THREADED PRE-FABRICATED PVC SCREEN OUTLET WITH RIGID STAINLESS STEEL SCREEN
- ⑫ 18" BEHIND SIDEWALK WHEN SIDEWALK IS ADJACENT TO CURB, OR 18" BEHIND BACK OF CURB.
- ⑬ TRACER WIRE REQUIRED FOR C900 MAINS ONLY PER STD. 4212.
- ⑭ POLYETHYLENE ENCLOSURE WITH BOLT DOWN BASE AND INTEGRATED PADLOCK PLATE. COLOR SELECTION: POTABLE WATER, SANDSTONE OR TAN RECYCLED WATER, PURPLE
- ⑮ A.S.A. 150 LB REDUCING, THREADED COMPANION FLANGE.

**NOTES:**

- 1. SIZE OF UNIVERSAL AIR RELEASE VALVE ASSEMBLY SHALL BE DETERMINED BASED ON ENGINEERING CALCULATIONS. SIZE TO BE SHOWN ON PLANS.
- 2. LOCATION OF UNIVERSAL AIR RELEASE VALVE ASSEMBLY WILL BE DETERMINED BY THE CITY INSPECTOR AT THE TIME OF INSTALLATION.
- 3. ALL FITTINGS TO BE THREADED FROM CORP. STOP AT MAIN TO THE AIR RELEASE VALVE, EXCEPT FLXFL GATE VALVE.
- 4. 3/4" DIAMETER CARBON STEEL BOLTS, NUTS, AND WASHERS A.S.T.M. 307, GRADE A OR B, ZINC PLATED SHALL BE USED. ZINC ANODE CAPS REQUIRED.



APPROVED BY:		05/30/2024		
		62809		
KHOI DO, CITY ENGINEER	RCE	DATE		
RECOMMENDED:		5/20/24		
		62268		
DENNIS MEJIA, UTILITIES ENG DIVISION MGR	RCE	DATE		
REV	DESCRIPTION	BY	APP'D	DATE

**CITY OF ONTARIO**

**1" AIR RELEASE AND VACUUM RELIEF VALVE ASSEMBLY (AIRVAC)**

STANDARD DRAWING NUMBER  
**4103**

PROPERTY LINE OR P.U.E. OR RIGHT OF WAY