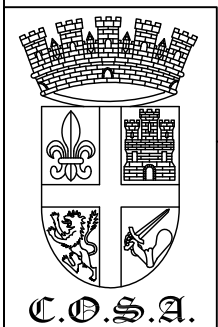


NOTES:

1. REFER TO COSA APPROVED MATERIALS & MANUFACTURERS LIST, LATEST EDITION, FOR APPROVED AIR RELEASE VALVES.
2. AIR RELEASE VALVE ASSEMBLIES TO BE LOCATED OUTSIDE ROADWAY PAVING. IF FORCE MAIN LOCATION IS INSIDE PAVED AREA, OFFSET AIR RELEASE VALVE DETAIL SHALL BE USED.
3. TOP SLAB SHALL BE 6'-0" X 6'-0" AND REINFORCED WITH #6 @ 6" OCEW.
4. PRECAST VAULT SECTIONS TO BE MANUFACTURED IN ACCORDANCE WITH LATEST EDITIONS OF ASTM C478 WITH 4000 PSI CONCRETE, TYPE II CEMENT. BASE SLAB AND WALLS SHALL CONTAIN 4"X4", W4.1/W4.1 WWM & #3@ 10" OCEW. THE EXTERIOR OF VAULT SHALL BE GIVEN TWO COATS OF WATERPROOFING MATERIAL; CS-55 BY CONCRETE SEALANTS, INC. OR APPROVED EQUAL. DO NOT COAT JOINT OR PIPE OPENING SURFACES. THE INTERIOR SURFACE SHALL BE COATED WITH SEWPERCOAT OR SPECTRASHIELD PROTECTIVE COATING SYSTEM TO PREVENT CONCRETE DETERIORATION FROM HYDROGEN SULFIDE AND OTHER CORROSIVE GASES.
5. HATCH SHALL BE 4'-0" X 4'-0" AND HOT-DIPPED GALVANIZED.
6. THIS DETAIL TO BE USED FOR FORCE MAINS ONLY.



**OFFSET AIR RELEASE
VALVE DETAIL FOR USE
ON FORCE MAINS**

REVISION DATE:	FEB 2017
NOT TO SCALE	SS-62