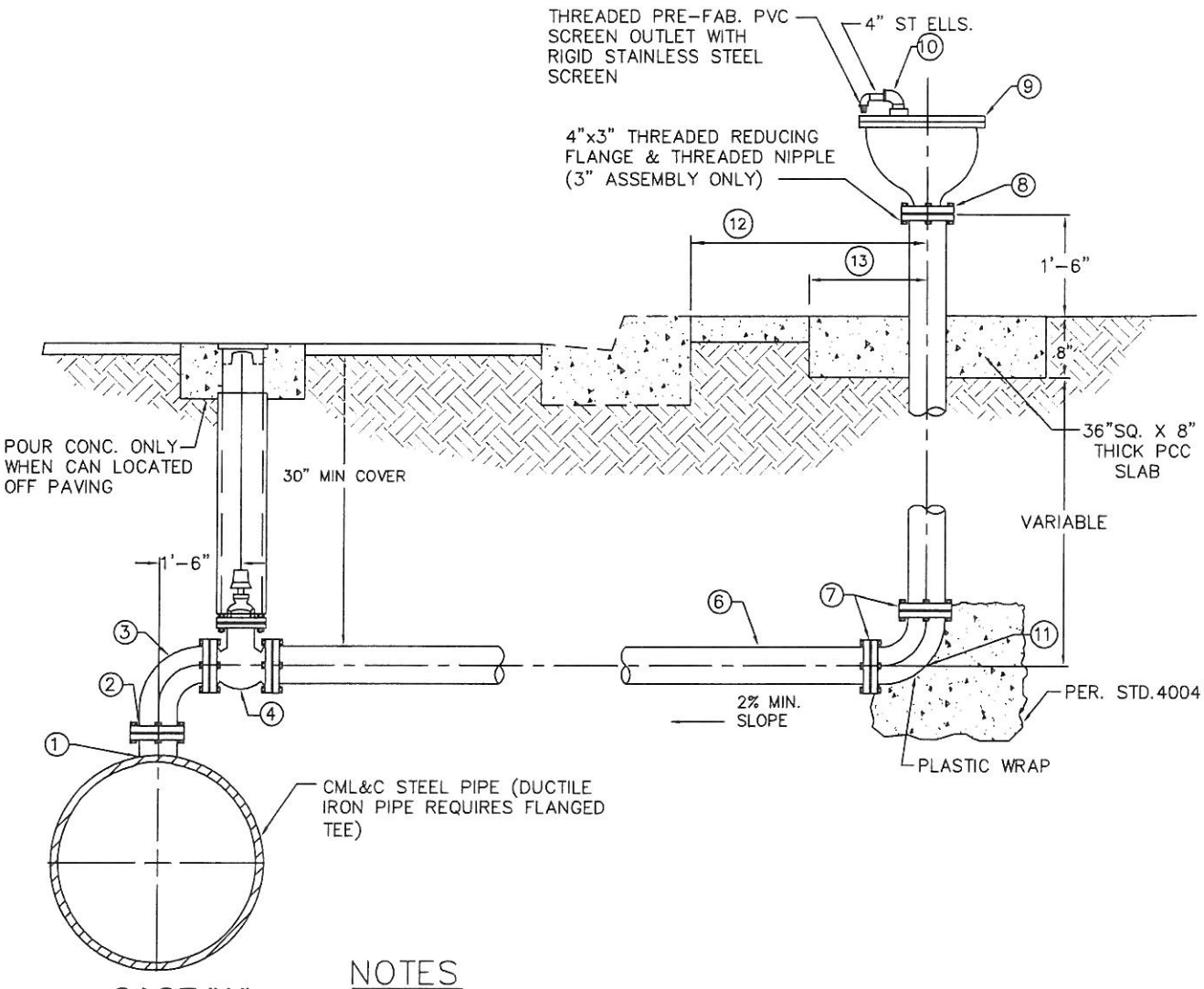

CASE "A"

NOTES

1. 10 GA. MIN. OUTLET WELDED TO PIPE WITH REINFORCEMENT COLLAR.
2. A.S.A. 150 LB. WELD FLANGE.
3. 90° STD. WT. BEND CML&C
4. A.W.W.A. C-509 FLANGED RESILIENT SEAT GATE VALVE, PER STD. DWG. 4005
5. STANDARD VALVE BOX INSTALLATION PER STD. DWG. NO. 4020
6. STEEL PIPE 10 GA. CML&C
7. 150 LB. SLIP-ON FLANGE
8. 150 LB. SLIP-ON TO MATCH FLANGE ON 4" AIR VALVE OR 4 FLANGED REDUCER TO MATCH FLANGE ON 3" AIR VALVE
9. APCO HEAVY DUTY COMBINATION AIR RELEASE VALVE, OR APPROVED EQUAL; CAST IRON BODY. STAINLESS STEEL AND BRONZE INTERNAL WORKING PARTS; STANDARD SCREWED OUTLET TOP AND FLANGED BOTTOM.
10. STANDARD WEIGHT BLACK 90° STREET ELBOW WITH STAINLESS STEEL SCREEN.
11. 5 PC. A.W.W.A. 90° FLGD. BEND, 10 GA. MIN., CML&C OR 90° STD. WT. CML&C BEND.
12. 18" BEHIND CURB WHEN THE SIDEWALK IS ADJACENT TO THE RIGHT-OF-WAY.
13. 18" BACK OF SIDEWALK WHEN SIDEWALK IS ADJACENT TO CURB.

REGISTERED PROFESSIONAL ENGINEER
LOUIS ABI-YOUNES
No. 44485
EXP. 03/31/12
CIVIL
STATE OF CALIFORNIA

APPROVED BY:			11-22-10
LOUIS ABI-YOUNES, CITY ENGINEER		RCE 44485	DATE
RECOMMENDED:			10/25/10
SCOTT BURTON, UTILITIES ENG/OPERATIONS DIRECTOR		RCE 57875	DATE
REV	DESCRIPTION	BY	APP'D / DATE

CITY OF ONTARIO

3" AND 4" AIR RELEASE AND VACUUM RELIEF VALVE ASSEMBLY

STANDARD DRAWING NUMBER **4104**