

COMBINATION AIR VALVE ASSEMBLY IN SERVICE MANHOLE (FOR WATER LINES SMALLER THAN 36-INCHES DIAMETER)

		VACUUM (AI/VR)	
WATER MAIN DIAMETER	MANUFACTURER (1)	SERIES	ORIFICE SIZE
<=36"	APCO	140C	
	CLAVAL	36	
	PRATT	WCV 01	

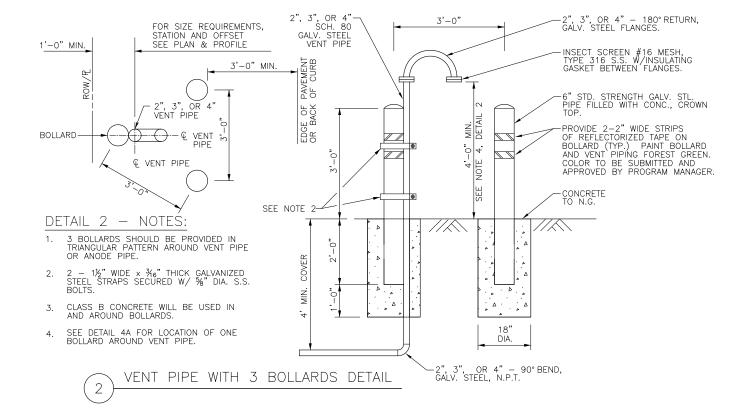
## COMBINATION AIR VALVE & TYPE TABLE

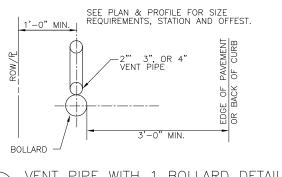
(FOR WATER LINES SMALLER THAN 36" DIAMETER)

(1) OR APPROVED EQUAL.

## DETAIL 1 - NOTES:

- 1. PROVIDE RAM-NEK OR APPROVED EQUAL BETWEEN PRECAST SEGMENTS OF THE MANHOLE.
- 2. FOR MANHOLES DEEPER THAN 20 FEET, SAFETY CLIMBING RAIL MUST BE PROVIDED (SAF-T-CLIMB OR APPROVED EQUAL). SEE COH DETAIL 0.2082-11.
- 3. PIPING AND APPURTENANCES OF THE SAME DIAMETER AND CONSTRUCTED OF THE SAME MATERIAL AND CLASS.
- 4. VERIFY THAT LOCATION OF VENT PIPE SCREEN IS 1 FOOT ABOVE 100—YEAR FLOOD PLAIN ELEVATION OR 4 FEET ABOVE NATURAL GROUND WHICHEVER IS HIGHER.
- 5. REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS OF AIR VALVES.
- 6. FOR PAVEMENT REPAIR, SEE COH DETAILS 02902-01 & 02902-02.
- 7. PROVIDE AN APPROVED PETROLATUM BASED TAPE ENCAPSULATING ALL BOLTS IN ACCESS MANHOLE.





VENT PIPE WITH 1 BOLLARD DETAIL

## CITY OF HOUSTON

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## LDWL COMBINATION AIR VALVE ASSEMBLY IN SERVICE MANHOLE DETAILS

(NOT TO SCALE)

REVISED ON: \_\_\_\_\_\_

EFF DATE: MAR-20-2018 DWG NO: **02524-02**