



#### DETAIL NOTES:

1. THE FLANGED OUTLET, GATE VALVE, AIR VALVE AND ALL CONNECTING PIPING IN THE MANHOLE SHALL BE INSULATED FOR FREEZE PROTECTION.
2. ALL ABOVE GROUND PIPING, FITTINGS, SIGNS, ETC., SHALL BE BRUSH PAINTED WITH TWO COATS OF ALUMINUM PAINT. (NO SPRAYING).
3. LOCATION OF COMBINATION AIR VALVE PER THE PLAN AND PROFILE SHEETS.
4. VAULT TOP SHALL BE PER MANHOLE LID ASSEMBLY DETAILS AS INDICATED ON THE DRAWINGS.
5. VAULTS SHALL ONLY BE PRE CAST MANHOLES. LARGER DIAMETER MANHOLE REQUIRED FOR LARGER RELEASE VALVES.
6. INLET PIPING, ISOLATION VALVE AND VENT PIPING SHALL BE SAME SIZE AS AIR RELEASE VALVE SPECIFIED IN THE DRAWINGS. A MINIMUM 4" VENT PIPING IS REQUIRED FOR 2" AND 3" AIR RELEASE VALVES.
7. PIPE PENETRATION THROUGH VAULT WALL SHALL BE SEALED WITH A NON-SHRINK EPOXY GROUT.
8. COMBINATION AIR VALVES SHALL BE SIZED APPROPRIATELY PER MANUFACTURERS RECOMMENDATION AND ARLINGTON WATER UTILITIES APPROVAL. SEE PLAN FOR SIZE.
9. FOR INSTALLATIONS ON AN EXISTING MAIN, AN APPROVED SADDLE WITH 2"x3" BRASS NIPPLE MAY BE USED IF ALLOWED BY APPROPRIATE COMBINATION AIR VALVE SIZING. WRAP SERVICE SADDLE WITH TWO LAYERS OF POLYETHYLENE ENCASEMENT PER STANDARD SPECIFICATIONS.
10. ALL CONNECTIONS FOR NEW CONSTRUCTION SHALL BE MADE WITH FITTINGS AND BE FLANGED OR MJ RESTRAINED WITH APPROVED RETAINER GLANDS/MEGALUGS.

MAIN MATERIAL	TEE/OUTLET	INLET PIPING*	VENT PIPING	SPECIAL REQUIREMENTS
BURIED CONCRETE PRESSURE PIPE	FABRICATED STEEL REDUCING FLANGE	THREADED OR FLANGED STEEL	FLANGED DUCTILE IRON	PROVIDE ISOLATION KIT BETWEEN STEEL SPOOL PIECE AND GATE VALVE. WAX TAPE ALL FLANGES
DUCTILE IRON OR PVC PIPE	MJxFL TEE. BLIND FLANGE WITH THREADED OR WELDED FLANGED OUTLET	THREADED OR FLANGED DUCTILE IRON	PVC	WAX TAPE ALL FLANGES

\*REFER TO STANDARD SPECIFICATIONS



CITY OF ARLINGTON, TEXAS

## 2"-8" COMBINATION AIR VALVE

DATE: 01/06/2023