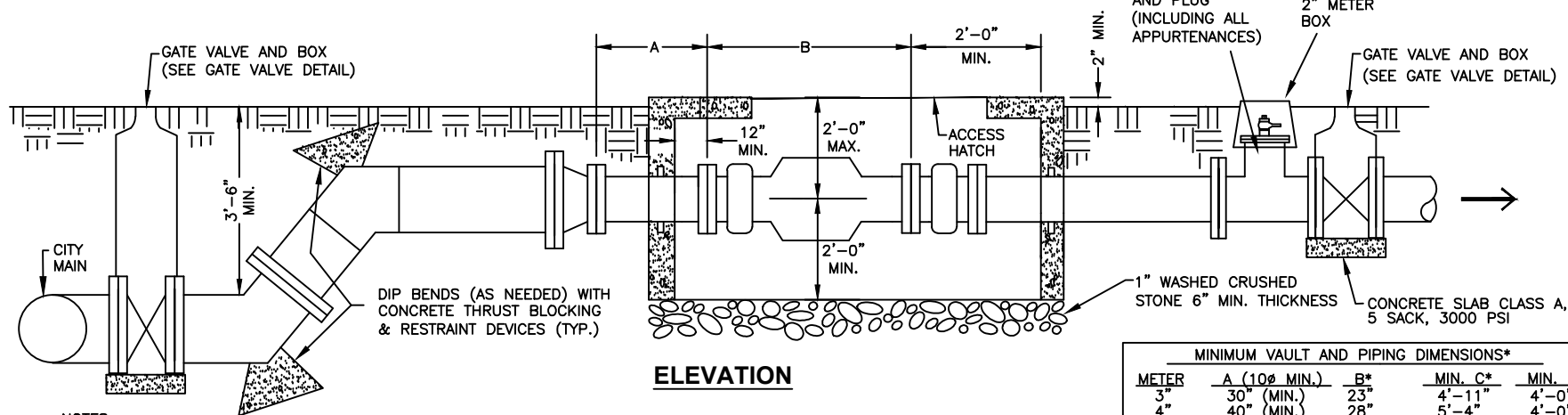


PLAN



ELEVATION

NOTES

1. PIPING & BENDS IN METER VAULT SHALL BE FLANGED DUCTILE IRON, CLASS 350. OTHER PIPING & FITTINGS SHALL BE RESTRAINED MJ OR FLANGED DUCTILE IRON.
2. CONTACT METER SERVICES MGR. @ 817-459-5900 FOR CURRENT INFORMATION ON METERS & VAULTS PRIOR TO DESIGN OF METER FACILITY. VAULTS MAY BE CONSTRUCTED OF CAST-IN-PLACE OR PRECAST CONCRETE OR PLASTIC AS APPROVED BY THE CITY.
3. CONTRACTOR SHALL PURCHASE METER, STRAINER, & 2" METER BOX FROM CITY.
4. METER VAULT SHALL NOT BE INSTALLED IN EXISTING OR PROPOSED SIDEWALKS, DRIVEWAYS, PAVEMENTS OR ANY TRAFFIC AREAS.

5. ACCESS HATCH FOR METER VAULT SHALL BE 3'-6" X 3'-6" AS MANUFACTURED BY BILCO OR APPROVED EQUAL. HATCH SHALL BE LOCATED FOR EASE OF ENTRY AND ACCESS TO METER.
6. TOP OF VAULT SHALL BE 2" ABOVE GROUND WITH DRAINAGE SLOPING DOWN AWAY FROM VAULT.
7. METER BYPASSES ARE ONLY ALLOWED ON ONE-WAY FEEDS.
8. STRAIGHT PIPE MINIMUM LENGTH OF 2X PIPE DIAMETER REQUIRED BEFORE AND AFTER METER.

MINIMUM VAULT AND PIPING DIMENSIONS*				
METER	A (10' MIN.)	B*	MIN. C	MIN. D
3"	30" (MIN.)	23"	4'-11"	4'-0"
4"	40" (MIN.)	28"	5'-4"	4'-0"
6"	60" (MIN.)	45 1/4"	6'-9"	4'-0"
8"	80" (MIN.)	52"	7'-4"	4'-6"
10"	100" (MIN.)	67 1/4"	8'-7"	4'-6"

*SEE NOTE 2. METER LENGTH (B) MAY CHANGE ANNUALLY AND WILL AFFECT MIN. VAULT LENGTHS (C). DIMENSIONS SHOWN ARE FOR DOMESTIC METERS ONLY. IRRIGATION METERS HAVE SHORTER DIMENSIONS.



CITY OF ARLINGTON, TEXAS

METER VAULT

DATE: 01/06/2023