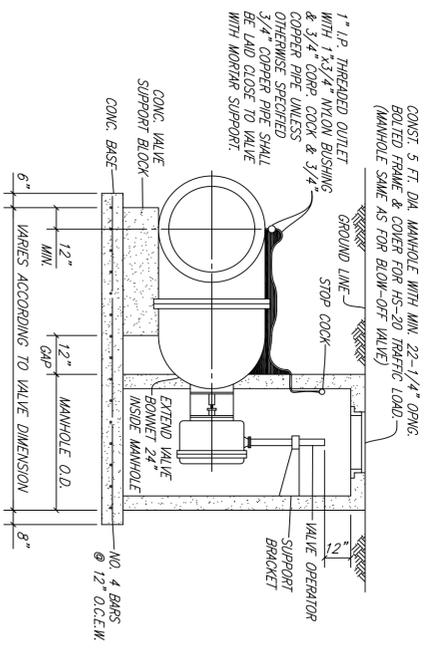
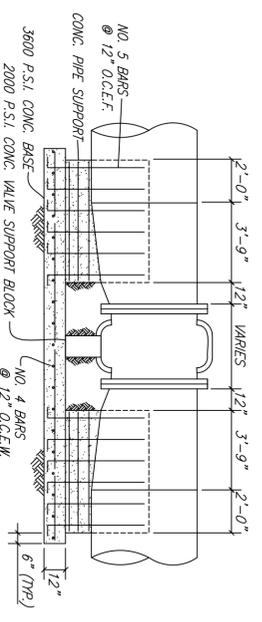


HORIZONTAL VALVE PLAN
NO SCALE

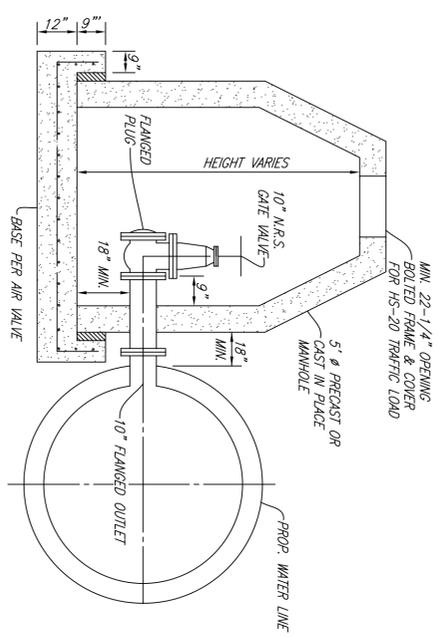


HORIZONTAL VALVE SECTION C-C
NO SCALE

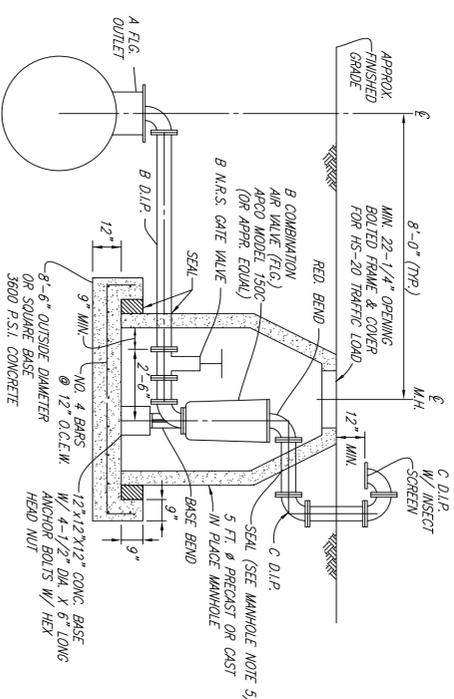


HORIZONTAL VALVE SECTION B-B
NO SCALE

- GENERAL NOTES FOR BORING, JACKING OR TUNNELING
1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY LOCATING ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY INSTALLATION ACTIVITIES.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPAIR OR REPLACEMENT OF ANY PAVEMENT AND UNDERGROUND UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS.
 3. DRY BORE SHALL BE UTILIZED UNLESS OTHER METHODS SPECIFICALLY ARE APPROVED IN WRITING BY THE CITY.



BLOW-OFF VALVE W/MANHOLE
NO SCALE



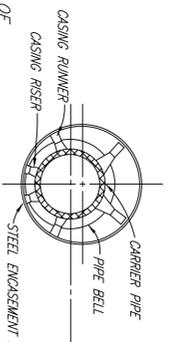
AIR RELEASE VALVE W/MANHOLE
NO SCALE

NOTE: FOR DIMENSIONS A, B & C SEE TABLE BELOW

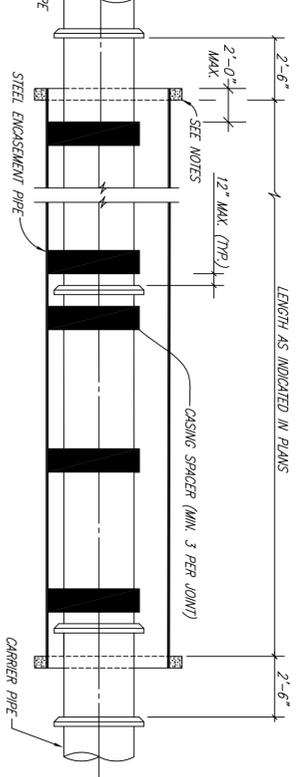
MAIN DIA.	A	B	C
24	9	4	4
30	12	4	4
36	12	6	4
42	15	6	6
48	18	6	6
54	18	8	6

- GENERAL NOTES:
- 1) ALL WATER LINES SHALL BE SWABBED PRIOR TO BACKFILL.

- NOTES:
- 1) 3 MORTAR BANDS MAY BE USED IN LIEU OF CASING SPACERS FOR R.C.C.P.
 - 2) CONTRACTOR SHALL PROVIDE SUPPORT UNDER CARRIER PIPE TO HAVE MIN. 1.5" CLEARANCE BETWEEN PIPE BELL AND ENGAGEMENT PIPE.
 - 3) ENDS OF ENGAGEMENT PIPE SHALL BE PLUGGED WITH BRICK AND MORTAR FOR ROADWAY CROSSINGS AND CLAY FOR ROADWAY CROSSINGS.
 - 4) CONTRACTOR SHALL FURNISH & INSTALL A MINIMUM OF 3 CASING SPACERS PER JOINT OF PIPE. CASING SPACERS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS' RECOMMENDATIONS. CASING SPACERS SHALL BE AS MANUFACTURED BY P.S.I. OR APPROVED EQUAL.



SECTION



ELEVATION

ENCASED ROAD OR RAILROAD BORE
NO SCALE

NO.	REVISION	BY	DATE

CITY OF WYLIE, TEXAS
STANDARD CONSTRUCTION DETAILS

WATER