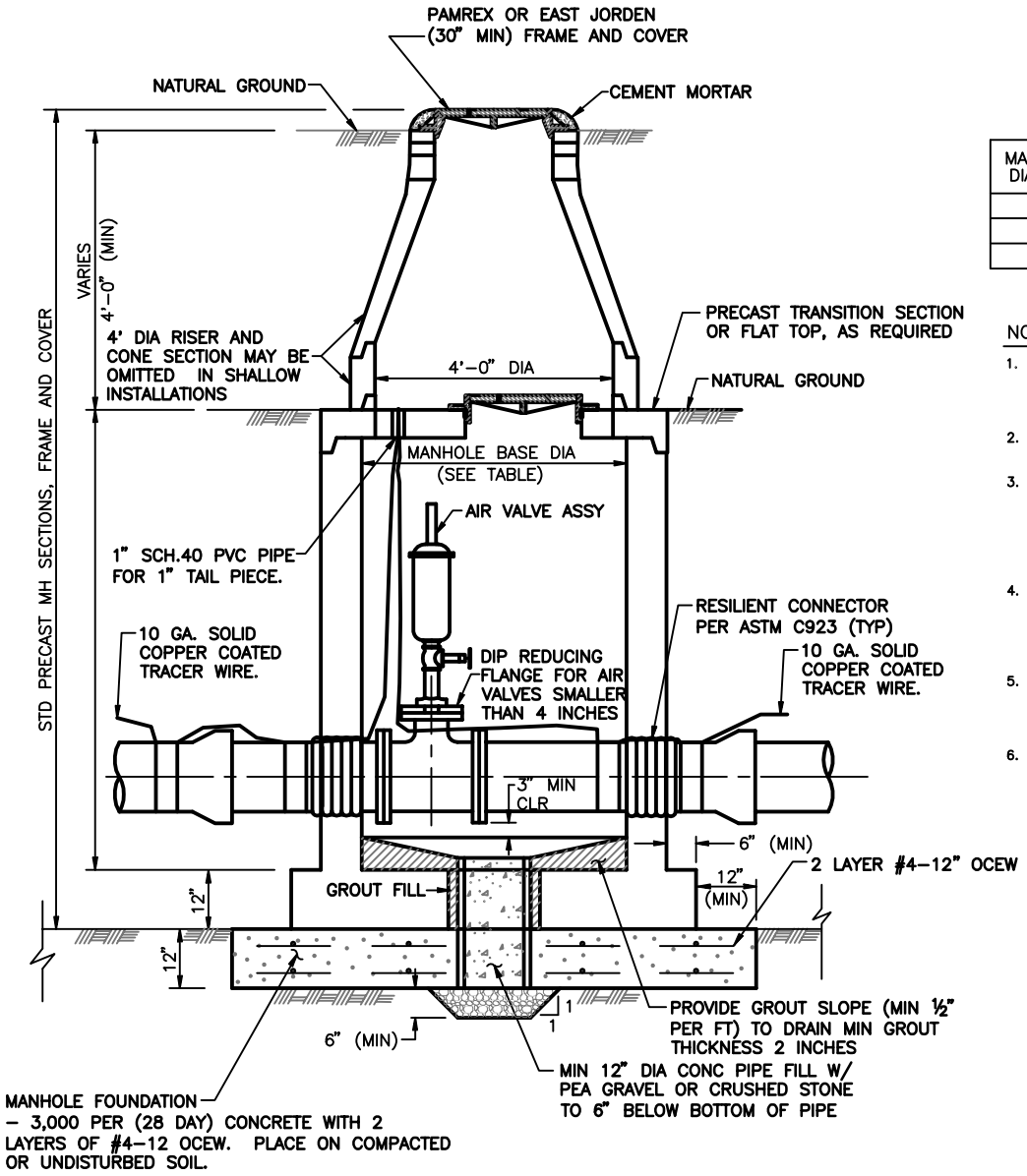

TABLE

MANHOLE BASE DIAMETER (FT)	MAX FORCE MAIN DIAMETER
5	8
6	16
8	36

NOTES:

1. AIR RELEASE VALVE MAY BE 2" APCO 401 SAVV OR PRE-APPROVED EQUAL OR AIR AND VACUUM RELEASE VALVE AS NOTED ON PLAN AND PROFILE SHEET.
2. ALL PIPING AND FITTINGS SHALL BE STAINLESS STEEL.
3. PROVIDE LINED DUCTILE IRON PIPE, THICK. CLASS 53, FOR FORCE MAIN WITHIN 12" OF OUTSIDE FACE OF MANHOLE. JOINTS WITHIN MANHOLE MAY BE FLANGED (AS SHOWN) OR GROOVED (PER ASTM 606) WITHIN MANHOLE, WITH 316 STAINLESS STEEL BOLTS.
4. MANHOLE TOP MAY BE CONCENTRIC CONE, ECCENTRIC CONE, OR FLAT TOP WITH ECCENTRIC OPENING. PROVIDE 30" MINIMUM FRAME & COVER. ORIENT ECCENTRIC OPENING OPPOSITE SIDE FROM AIR VALVE.
5. PROVIDE VENTED MANHOLE FOR AIR AND VACUUM VALVE INSTALLATIONS AND AT LOCATIONS INDICATED ON THE DRAWINGS.
6. BACKFILL MANHOLE WITH CEMENT STABILIZED SAND TO 12 INCHES ABOVE FORCE MAIN OR MINIMUM OF FOUR (4') FEET FROM TOP OF RIM, WHICHEVER IS HIGHER.

THE CITY OF ROSENBERG, FORT BEND COUNTY, TEXAS
DEPARTMENT OF PUBLIC WORKS

SANITARY SEWER
AIR RELEASE OR AIR/VACUUM RELEASE VALVE MANHOLE

DESIGN:	CAD:	SCALE:	DATE:	DRAWING:
CAK	STAFF	NTS	12/10	S-108