

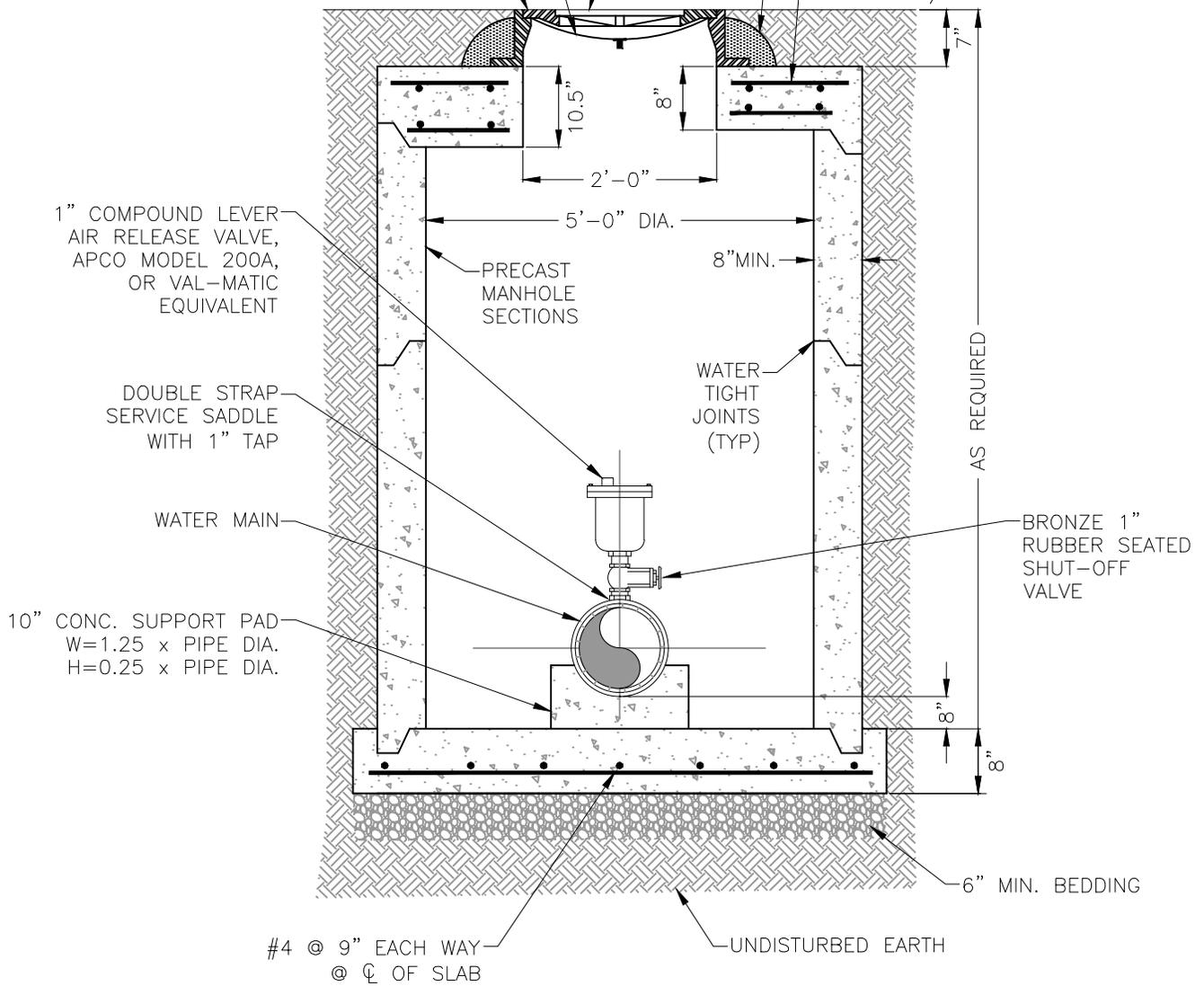
F.R.W. RAIN WATER PROTECTOR WITH GASKET OR EQUIVALENT

ST'D. MANHOLE COVER MARKED "CITY OF PANAMA CITY BEACH RECLAIMED WATER". OMIT "CITY OF PANAMA CITY BEACH" IF PRIVATELY MAINTAINED

LOCATION AND MANHOLE FRAME ELEVATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD AND AS APPROVED BY THE CITY OF PANAMA CITY BEACH

CEMENT GROUT

MIN. REINFORCING FOR 8" SLAB: #5 @ 6" EACH WAY TOP & BOTTOM PLUS (4) #5 DIAGONAL BARS IN BOTTOM w/ 2" COVER



NOTES:

1. WHEREVER POSSIBLE AIR RELEASE VALVES SHALL BE PLACED ABOVE GROUND IN STAINLESS STEEL CABINET.
2. ALL PIPE STUBS, NIPPLES AND HARDWARE TO BE 304 STAINLESS STEEL.
3. TO PREVENT DAMAGE TO VALVE FROM TIPPED MANHOLE COVERS IN SHALLOW BOXES IT MAY BE NECESSARY TO OFFSET VALVE FROM CENTERLINE.
4. AIR RELEASE VALVES TO BE INSTALLED AT HIGH POINTS OF MAIN AS DIRECTED BY THE ENGINEER.
5. ALL PIPE APPURTENANCES AND SIZING IN ACCORDANCE WITH SPECIFIC DEVICE APPLICATION.
6. WHERE AIR RELEASE VALVE IS 12' OR FURTHER FROM CURB OR SHOULDER OF ROADWAY SERIES H1R3030 ACCESS DOOR OR APPROVED EQUAL MAY BE USED.

CITY OF P.C.B. UTILITIES DEPARTMENT		BELOW GRADE AIR RELEASE VALVE	R-10
REV.	DATE		
1	MAR '12		
..... DATE OF APPROVAL			