CAST-IN-PLACE CONCRETE SACK/YARD WITH 5/8" MAX. AGGREGATE (CONCRETE Precast manholes are allowed)

BACKFILL AROUND MANHOLE WITH CEMENT STABILIZED SAND TO 12" ABOVE HIGHEST IN COMING PIPE OR A MINIMUM OF 4' FROM TOP OF RIM, WHICHEVER IS HIGHER

BOTTOM REINFORCEMENT #4'S @ 12" O.C. FOR MANHOLE DEPTHS GREATER THAN 8'

CEMENT STABILIZED SAND BACKFILL

ELEVATION VIEW

NOTES:
1. ALL SANITARY SEWER MANHOLE COVERS SHALL BE LABELED "ROSENBERG TEXAS" AND "SANITARY" AND INCLUDE THE SPECIFIED LOGO.
2. MINIMUM ELEVATION OF TOP OF ALL INFUENT LINES SHALL BE EQUAL TO TOP OF THE EFFLUENT LINE. SHAPE INVERT TO MATCH ALL LINES.
3. MANHOLE MAY BE CONSTRUCTED USING PRECAST CONE AND BOTTOM. BRICK WILL NOT BE ALLOWED.
4. INSIDE OF ALL MANHOLES SHALL BE COATED WITH EPOXY LINER APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION (40 MIL MINIMUM THICKNESS). REFERENCE THE CITY OF ROSENBERG DESIGN STANDARDS FOR APPROVED EPOXY LINERS.
5. GROUT JOINTS AND SEAL WITH COATING.
6. RUBBER GASKET JOINTS ARE TO BE USED ON ALL PRECAST MANHOLE APPLICATIONS.

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

SANITARY SEWER MANHOLE

DESIGN: CFA
CHECK: STAFF
SCALE: NTS
DATE: 2/18
DRAWING: S-105