ELEVATION VIEW

NOTES:
1. ALL STORM SEWER MANHOLE COVERS SHALL BE CITY OF ROSENBERG LABELED AS "STORM".
2. MANHOLE MAY BE CONSTRUCTED USING PRECAST CONE AND BOTTOM. BRICK WILL NOT BE ALLOWED.
3. PRECAST CONCRETE MANHOLE CONFORMING TO ASTM C478. STRUCTURAL REINFORCEMENT CONFORMING TO ASTM 615A.
4. RUBBER GASKET JOINTS ARE TO BE USED ON ALL PRECAST MANHOLE APPLICATIONS.
5. FOR CAST-IN-PLACE MANHOLES, CONCRETE SHALL BE A MONOLITHIC POUR.

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

TYPE "C" MANHOLE 18"–42"

DESIGN: CFA
DRAWING: D-101
DATE: 3/18
SCALE: NTS
STAFF: CFA

CAST-IN-PLACE CONCRETE—6
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

CEMENT STABILIZED SAND
BACKFILL

BOTTOM REINFORCEMENT
#4'S @ 12" O.C. E/W
(2 LAYERS FOR
CAST-IN-PLACE)

CEMENT MORTAR INVERT

CEMENT MORTAR FILL
WHEN PIPE IS ABOVE
TOP OF SLAB

ALL JOINTS BETWEEN MANHOLE AND
PIPE ARE TO BE CONSTRUCTED
WITH RUBBER BOOT

5’ – 0” MIN

ALL MANHOLE ADJUSTMENTS SHALL BE
WITH CONCRETE RINGS.

BITUMINOUS MATERIAL
SEALER

EAST JORDAN (30" MIN)
FRAME & NON-HINGED
COVER WITH ROSENBERG
LOGO (REQD.)