A MINIMUM 30-INCH DIAMETER CONCRETE DISK SHALL BE CAST AROUND EACH VALVE BOX. IF NOT IN PAVEMENT, TOP TO BE 1" ABOVE FINISHED GRADE.

1" SCH.40 PVC PIPE IN CONCRETE DISK FOR 1' TAIL PIECE.

10 GA. SOLID COPPER COATED WIRE. DO NOT WRAP AROUND PIPE. SEE TRACER WIRE DETAIL W-110 FOR MORE DETAILS

GATE VALVE & BOX

CONCRETE THRUST BLOCK

THRU CLAY CLEAR (S c.f. OF PEA GRAVEL)

LEAVE DRAIN CLEAR (5 c.f. OF PEA GRAVEL)

THRU CLAY CLEAR (S c.f. OF PEA GRAVEL)

COLOR CODE
BARREL SILVER
BONNET & CAPS 6" RED
BONNET & CAPS 8" ORANGE
BONNET & CAPS 10" BLUE
BONNET & CAPS 12" GREEN
BONNET & CAPS 16" WHITE
BONNET & CAPS 20" YELLOW

NOTE:

1. ALL FITTINGS SHALL BE (MJ) MECHANICAL JOINT.

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

FIRE HYDRANT ASSEMBLY

DESIGN: CAK
CAD: STAFF
SCALE: NTS
DATE: 02/16
DRAWING: W-107