



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

FLUSH TO FINISH GRADE NATURAL GROUND

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

STANDARD BACKFILL

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

THRUST BLOCK

GATE VALVE & BOX

STANDARD BACKFILL

4' COVER (TYPICAL)

MUELLER CENTURION, OR APPROVED EQUAL

STEAMER NOZZLE TO FACE STREET

24" MIN.

36" MAX.

3 BAR w/4 PIECES

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

6" PIPE

6" PIPE

THRUST BLOCK

WATER MAIN TEE (LINE SIZE 6")

CONCRETE THRUST BLOCK

3'-0"

COLOR CODE

BARREL	SILVER
BONNET & CAPS 6"	YELLOW
BONNET & CAPS 8"	WHITE
BONNET & CAPS 10"-20"	GREEN
BONNET & CAPS 24" OR LARGER	ORANGE

NOTE:

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

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

FIRE HYDRANT ASSEMBLY

DESIGN: CAK	CAD: STAFF	SCALE: NTS	DATE: 01/26	DRAWING: W-107
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