



NOTE: BYPASS VALVE SHALL BE USED WHEN STATIC WATER PRESSURE EXCEEDS 150 P.S.I ON WATER MAINS 12" AND LARGER, AS DIRECTED BY THE DISTRICT.

12" OR LARGER D.I.P.

TYPICAL BYPASS VALVE PLACEMENT

HEAVY DUTY CAST-IRON VALVE BOX (SEE WD-11)

SET VALVE BOX ON ETHAFOAM 2" THICK (TYP)

PREBENT 3/4" RE-BAR TIE COATED PLACE NEAR END OF NIPPLE

1" STRAIGHT COPPER TO OUTSIDE I.P. THREAD MUELLER H-15428 OR EQUAL.

1" TYPE K COPPER PIPE

3'x1-1/2"x1" POURED CONCRETE

1' EXCESS LOCATE WIRE ABOVE LID, TO BE ROLLED UP NEATLY

4" R/W GATE VALVE (FLxFL)

4"FL x 2" FIPT COMPANION FLANGE (2 EACH)

2"x8" BRASS NIPPLE (MIPT, 2 REQ'D.)

2"x1" BRASS BELL REDUCER (2 REQ'D.)

12" MIN

1" CORPORATION STOP*

FORD	MUELLER
FB-1000-4-Q	B-25008

*CORP STOP INSTALLED WHEN:
 -VALVE IS 12" OR LARGER
 -PRESSURE IS > 150 PSI
 -DIRECTED BY THE DISTRICT