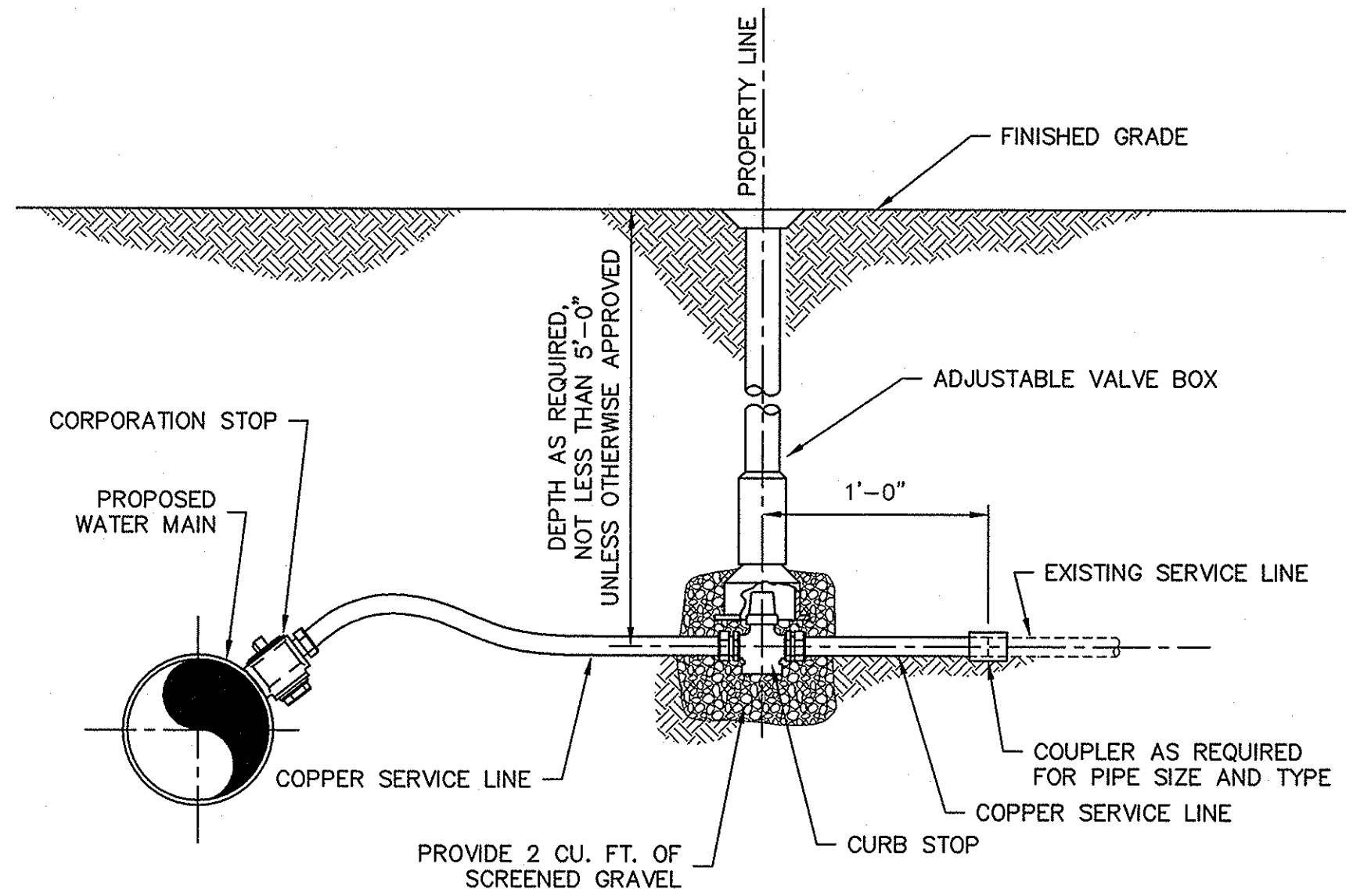
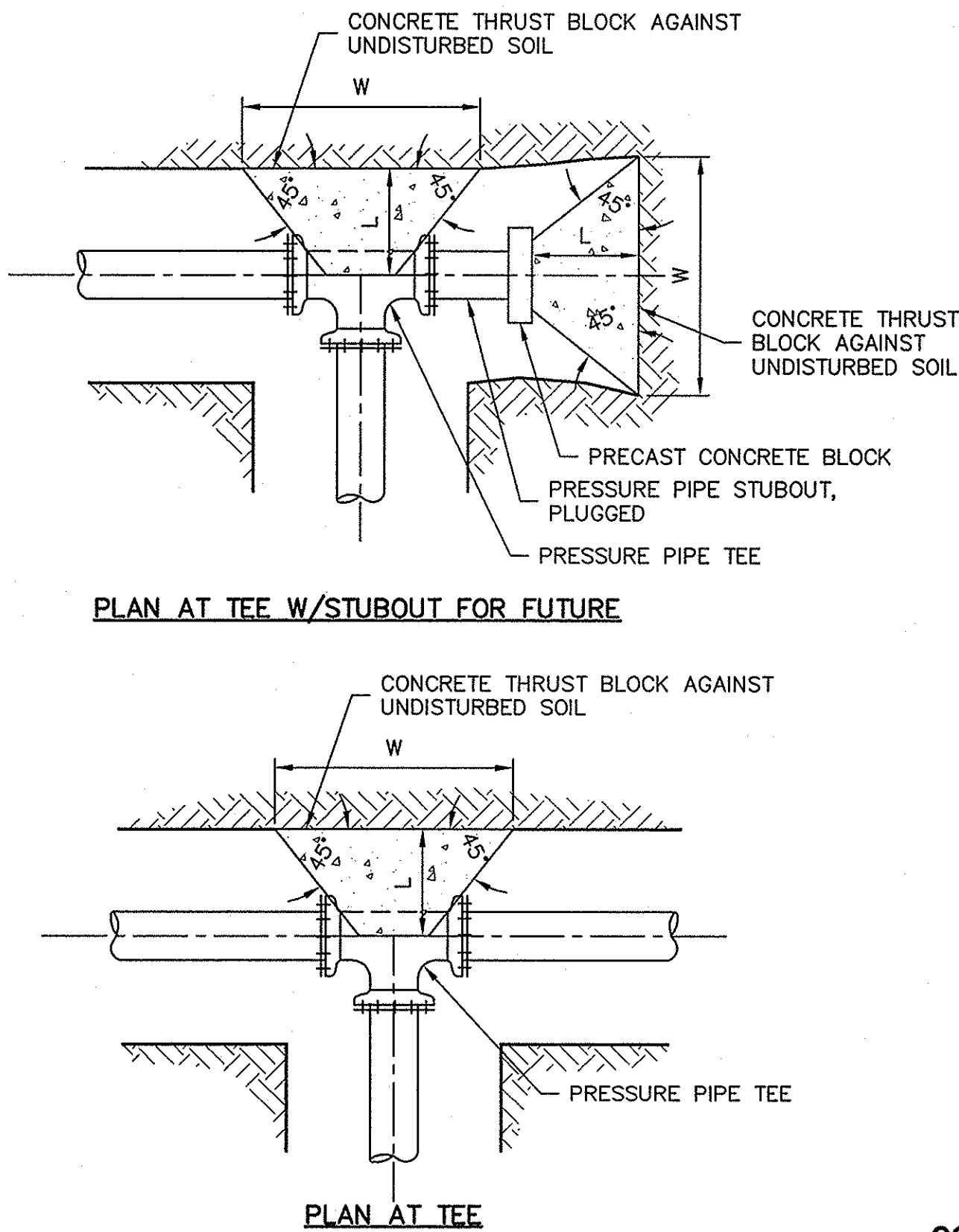


HYDRANT INSTALLATION
NO SCALE



WATER SERVICE CONNECTION
NO SCALE



**CONCRETE THRUST BLOCK
FOR HORIZONTAL BENDS AND TEES**
NO SCALE

CONCRETE THRUSTBLOCK				
D	BEARING AREA (S.F.)	"L"	"H"	"W"
≤8"	10	16"	32"	48"
10"	15	20"	38"	57"
12"	20	22"	44"	66"
16"	40	33"	62"	93"

SECTION

- NOTES:
- DIMENSIONS SHOWN CALCULATED PER 100 PSI INTERNAL PIPE PRESSURE FOR SOIL BEARING LOADS OF 600 PSF.
 - CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED OF CONCRETE POURED AGAINST UNDISTURBED SOIL.
 - DIMENSIONS L, W, & H MAY BE ADJUSTED TO MEET FIELD CONDITIONS PROVIDED THE BEARING AREA REMAINS UNCHANGED.
 - THE HEIGHT OF THE BLOCK (H) SHALL BE LESS THAN OR EQUAL TO HALF THE TRENCH DEPTH.

RECORD PLAN

THIS RECORD PLAN WAS PREPARED BASED ON LIMITED INFORMATION GATHERED DURING CONSTRUCTION OF THE PROJECT AND INDICATES ONLY SIGNIFICANT CHANGES MADE FROM THE DESIGN PLANS DURING CONSTRUCTION.

**FY2004
Water
Improvements**

**Department of
Public Works**

**East Longmeadow,
Massachusetts**

Mark	Date	Description
1	1/05	RECORD PLAN
PROJECT NO: E0451-3-02		
FILE: E0451(WTRD)TLS		
DRAWN BY: TMF		
CHECKED: SMS		
APPROVED BY: RP,MRP		

WATER SYSTEM DETAILS

SCALE: AS SHOWN

SHEET 7 OF 9