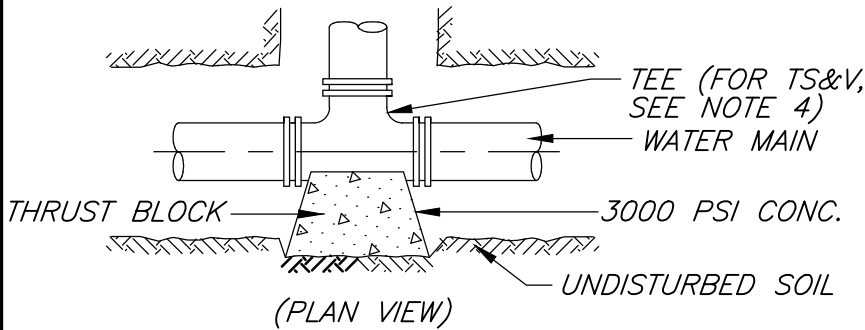


MINIMUM AREA OF BEARING FACE OF CONCRETE THRUST BLOCK (IN SQ.FT.) TO BE CALCULATED IN RELATIONSHIP TO BEARING CAPACITY OF SOIL  
BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL

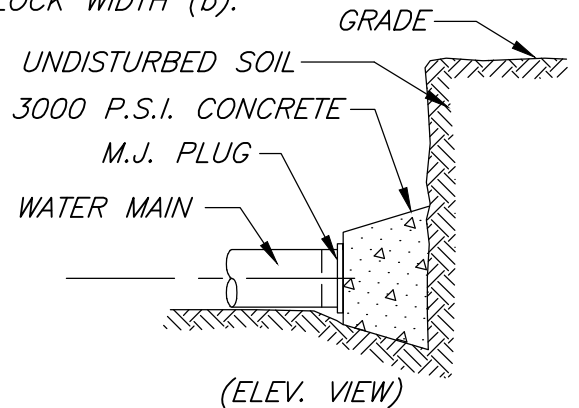
PIPE SIZE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	TEE/ T.S.&V.	PLUG
4",6"	6	3	3	3	4	5
8"	10	6	3	3	8	8
12"	19	7	4	3	10	16
16"	24	13	7	3	19	19

**NOTES:**

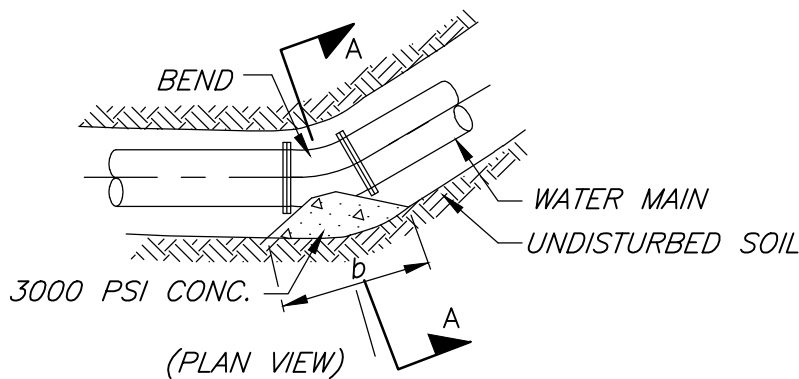
- BLOCK HEIGHT (h) SHOULD BE EQUAL TO OR LESS THAN ONE-HALF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK, (HT), BUT NOT LESS THAN PIPE DIAMETER (D).
- BLOCK HEIGHT (h) SHOULD BE TWO TIMES THE BLOCK WIDTH (b).



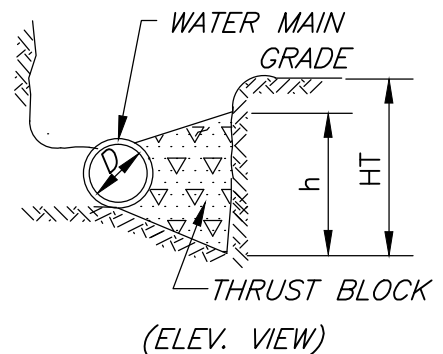
**THRUST BLOCK FOR TEE**



**THRUST BLOCK FOR PLUG**



**THRUST BLOCK AT BENDS**



**SECTION A-A**

**TYPICAL THRUST BLOCK DETAIL**

**NOTES:**

N.T.S.

- DIP FITTINGS SHALL BE WRAPPED WITH 6 MIL. THICK POLYETHYLENE, 2 FEET BEYOND END OF FITTING ON PVC PIPE.
- PIPE RESTRAINER SHALL BE USED AT ALL FITTING TO PVC PIPE CONNECTIONS.
- FLUOROCARBON COATED (BLUE) BOLTS AND NUTS SHALL BE USED AT ALL FITTINGS.
- FOR TAPPING SLEEVE & VALVE, FLOWABLE FILL OR COMPACTED CONCRETE TO BE PLACED UNDERNEATH.
- REFER TO MATERIAL LIST, W-03.

ISSUE DATE: JUNE 2015

TOWN OF BATAVIA

WATER DETAILS

TYPICAL  
THRUST BLOCK  
DETAIL

DRAWING W-08

REVISIONS

DATE	COMMENTS
10/2017	ADDED NOTE ON TAPPING SLEEVE & VALVE