



**NOTES:**

1. THRUST BLOCK BEARING AREAS SHALL BE POURED AGAINST UNDISTURBED MATERIAL. WHERE TRENCH WALL HAS BEEN DISTURBED, EXCAVATE ALL LOOSE MATERIAL AND EXTEND TO UNDISTURBED MATERIAL.
2. EXTEND THRUST BLOCK FULL LENGTH OF FITTINGS. JOINTS, NUTS AND BOLTS SHALL NOT BE COVERED BY THRUST BLOCKS. FITTINGS SHALL BE PROTECTED BY POLYETHYLENE FILM (8 MIL.) PRIOR TO PLACING CONCRETE THRUST BLOCK.
3. ROUGH BLOCKING FORMS SHALL BE USED ALONG SIDES OF THRUST BLOCKS AS REQUIRED.
4. THRUST BLOCKS SHALL BE USED IN COMBINATION, AS REQUIRED TO SUIT THE SPECIFIC FITTING ARRANGEMENT.
5. ALL WOOD BLOCKING SHALL BE PRESSURE TREATED WITH PRESERVATIVE IF FORMS ARE TO REMAIN IN PLACE.
6. ALL THRUST BLOCKS SHALL BE ALLOWED TO SET FIVE (5) DAYS BEFORE PRESSURE TESTING. UNLESS HIGH EARLY STRENGTH CONCRETE IS USED AND CITY HAS APPROVED A SHORTER PERIOD.

SCHEDULE FOR THRUST BLOCK AREAS \*

PIPE SIZE (INCHES)	90 BEND (SQ FT)	45 BEND (SQ FT)	22-1/2 BEND (SQ FT)	11-1/4 BEND (SQ FT)	TEE & PLUG (SQ FT)	DESIGN PRESS (PSI)
4						
6						
8						
10						
12						

NOTE:  
 THRUST BLOCK AREAS TO BE COMPUTED ON BASIS OF \_\_\_\_\_ (1,500 MIN.) LBS. PER SQ. FT. SOIL RESTRAINT BEARING.  
 \* TO BE COMPLETED BY ENGINEER.

THRUST BLOCK DETAILS