



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 SHALL NOT BE COVERED BY THRUST BLOCKS. FITTINGS SHALL BE PROTECTED BY POLYETHYLENE FILM (6 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 SUITE THE SPECIFIC FITTING ARRANGEMENT.
- 5.) ALTERNATE DESIGNED RESTRAINING SYSTEMS SHALL BE PROVIDED WERE STANDARD THRUST BLOCKING IS NOT SUITABLE AND/OR SOIL RESISTANCE BEARING IS LESS THAN 1,500 PSF.
- 6.) ALL WOOD BLOCKING SHALL BE PRESSURE TREATED WITH PRESERVATIVE.
- 7.) FOR THRUST BLOCK AREAS SEE RESTRAINED PIPE TABLE SHEET. (SHEET M-5)

CITY OF P.C.B. UTILITIES DEPARTMENT		THRUST BLOCK DETAILS	M-4
REV.	DATE		
1	MAR '12		
	 DATE OF APPROVAL	