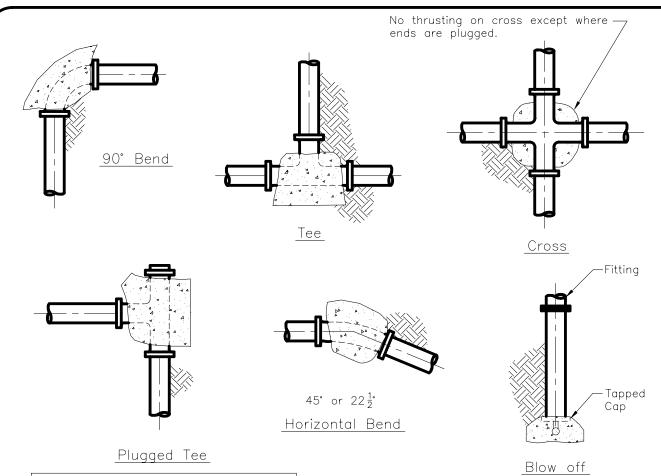


Thrust Block Requirements



Minimum	Minimum Thrust Block Bearing Areas In Square Feet							
Pipe Sizes	90°	45°	22 1 °	Tees & Blow Off				
6"	3	2	2	2				
8"	4	3	2	3				
10"	6	4	3	4				
12"	8	5	3	6				
14"	12	7	4	8				



- 1. Concrete shall be 2000 PSI minimum at 28 days.
- 2. Thrust blocks shall be placed against undisturbed earth.
- 3. All fittings shall be supported in concrete.
- 4. For fire hydrant thrusting see Std. Plan 401.
- 5. Don't cover flange bolts with concrete.
- 6. Mechanically restrained joints as required by the City. See Material List Page 2.

7. Wrap all fittings and flanges with Visqueen.

Sheet 1 of 2

4 Reinforcing Bar

Vertical Bend

)r.	KT	No.	Date	Revision	Appr.	Approved By:/	STD PLAN
		1 \ 1	1	9/25	ADDED NOTE #7			312 12/11
	ìh.	WS					J. Wally Sandelin 9/25/02	
L	ate)						F. Wally Sandelin Date	1 400
	1	2/00					R.C.E. 39895	