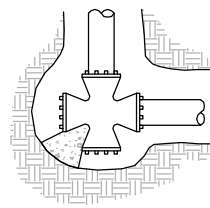
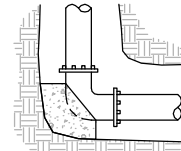


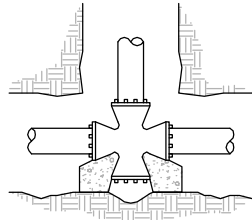
TEEPLUGGED ON RUN



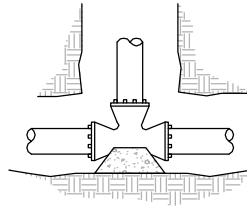
PLUGGED CROSS



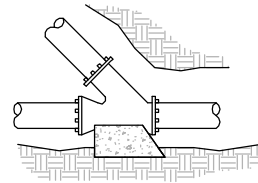
BEND



PLUGGED CROSS



TEE



WYE

NOTES:

1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCIRCLED ON THE PLANS EG. 15 INDICATEDS 15 SQ. FT. BEARING AREA REQUIRED.
4. IFF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES) SLATED IN THE SPECIAL SPECIFICATIONS.
5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.

BEARING AREA OF THRUST BLOCKS IN SQUARE FEET							
FITTING SIZE	TEE, WYE, PLUG OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22-1/2° BEND	11-1/4° BEND
			A-1	A-2			
4	1.8	2.6	3.6	2.5	1.4	0.7	0.4
6	3.7	5.3	7.4	5.2	2.9	4.5	0.7
8	6.4	9.1	12.8	9.1	4.9	2.5	1.3
10	9.7	13.7	19.4	13.7	7.4	3.8	1.9
12	13.7	19.4	27.4	19.4	10.5	5.3	2.7
14	18.4	26.0	36.8	26.0	14.1	7.2	3.6
16	23.8	33.6	47.6	33.7	18.2	9.3	4.7
18	29.9	42.2	59.8	42.3	22.9	11.7	5.9
20	36.6	51.8	73.2	51.8	28.0	14.3	7.2
24	52.3	73.9	104.6	74.0	40.0	20.4	10.2

NOTE: ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 200 P.S.I. AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:

$$\text{BEARING AREA} = (\text{TEST PRESSURE} / 200) \times (2000 / \text{SOIL BEARING STRESS}) \times (\text{TABLE VALUE})$$