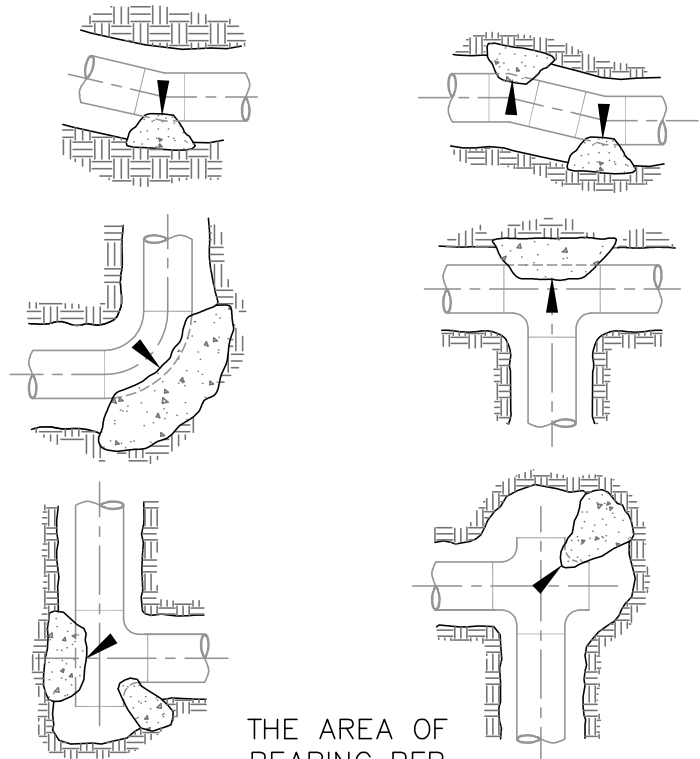


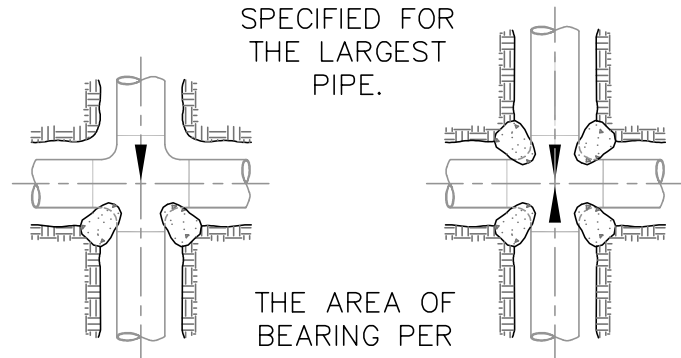
NOTES:

1. ALL WORK MUST BE INSPECTED BY DRAPER IRRIGATION COMPANY PRIOR TO BACKFILL.
2. THRUST BLOCKS MUST BE POURED AGAINST UNDISTURBED SOIL.
3. ALL PIPE JOINTS MUST BE LEFT ACCESSIBLE.
4. CONCRETE MUST BE ALLOWED TO CURE FOR 5 DAYS PRIOR TO PRESSURIZING WATER LINES.
5. CONCRETE MUST HAVE A MINIMUM OF 3000 P.S.I. COMPRESSIVE STRENGTH IN 28 DAYS.
6. THRUST BLOCKS MUST BE POURED AS CLOSE AS POSSIBLE TO THE CONFIGURATION SHOWN.
7. BEARING AREAS FOR HORIZONTAL BEND THRUST BLOCKS ARE BASED ON TEST PRESSURE OF 200 PSIG AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 LBS./SQ. FT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESS. USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESS./200) X (2000/SOIL BEARING STRESS) X (TABLE VALUE).
8. BEARING AREAS, VOLUMES, AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER THIS STANDARD.

BEARING AREAS FOR PIPE SIZES OF CONFIGURATIONS NOT SHOWN REQUIRE A SPECIAL DESIGN.



THE AREA OF BEARING PER THRUST BLOCK TO EQUAL THE FULL AREA SPECIFIED FOR THE LARGEST PIPE.



THE AREA OF BEARING PER THRUST BLOCK TO EQUAL 1/2 THE AREA SPECIFIED FOR THE LARGEST PIPE.

MINIMUM BEARING AREA IN SQUARE FT.					
PIPE SIZE	TEES, VAL DEAD ENDS	90° BEND	45° BEND	22.5° BEND	11.25° BEND
4"	2	2	2	2	2
6"	3	4	3	2	2
8"	5	8	4	2	2
10"	8	12	6	4	3
12"	12	16	9	5	3
14"	19	26	14	7	4
16"	21	29	16	8	4

