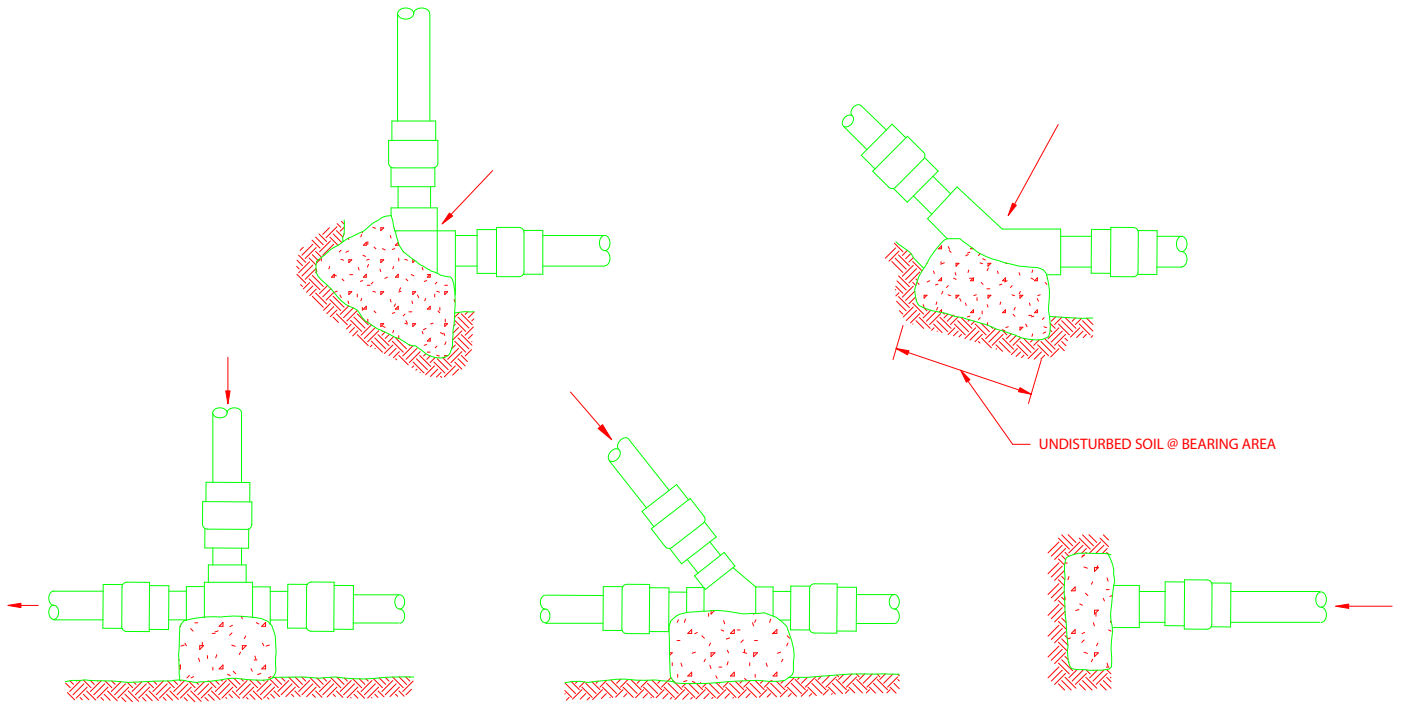
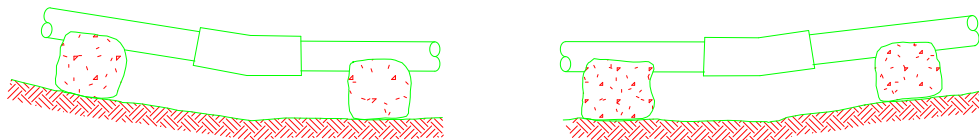


IF THRUSTS DUE TO HIGH PRESSURE ARE EXPECTED, ANCHOR VALVES AS ABOVE. AT VERTICAL BANDS ANCHOR TO RESIST OUTWARD THRUSTS.



TYPICAL THRUST BLOCK LOCATIONS



SIDE THRUST BLOCKING-4"(102 mm), 6"(152 mm), AND 8"(203 mm) DIA. PIPES

NOTES:

1. MIN. BEARING AREA IN SQUARE FEET OF REACTION BACKING (CONCRETE).

PIPE SIZE	END	TEE	90°	45°	22-1/2°	VALVE
3"(76 mm)	2 (.18 sq.ft)	0 (.09 sq.m)	(.09 sq.m)	(.09 sq.m)		
4"(102 mm)	2 (.38 sq.ft)	1 (.28 sq.m)	(.27 sq.m)	(.18 sq.m)	(.09 sq.m)	(.09 sq.m)
6"(152 mm)	4 (.67 sq.ft)	2 (.27 sq.m)	(.55 sq.m)	(.27 sq.m)	(.18 sq.m)	(.09 sq.m)
8"(203 mm)	7 (1.03 sq.ft)	2 (.68 sq.m)	(.93 sq.m)	(.46 sq.m)	(.18 sq.m)	(.09 sq.m)

2. EACH BLOCK TO BE AT LEAST 2 cu. ft. (.06 cu. m.) OF CONCRETE WITH NO DIMENSION. WHEN USED ON 4"(102 mm), 6"(152 mm) OR 8"(203 mm) DIA. PIPES. LESS THAN 12" (305 mm) WHEN USED ON 4" (102 mm), 6" (152 mm) OR 8" (203 mm) DIA. PIPES.

3. PLACE THRUST BLOCKS AGAINST UNDISTURBED SOIL.

4. THE METRIC CONVERSIONS ARE PROVIDED IN PARENTHESIS FOLLOWING THE ENGLISH UNITS.