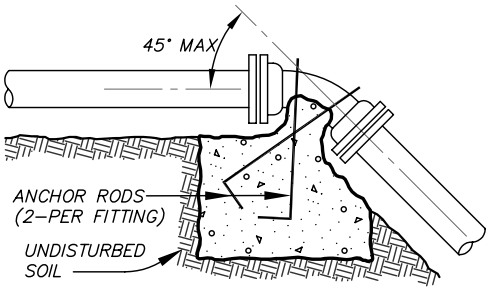
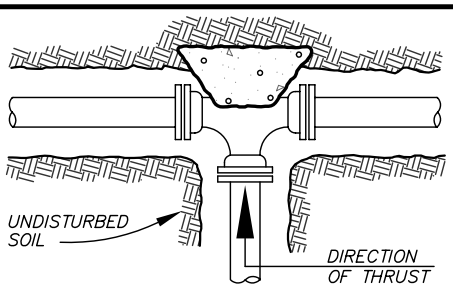
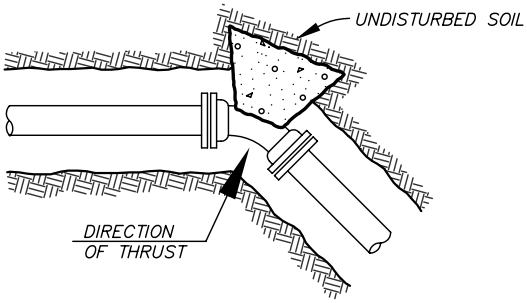


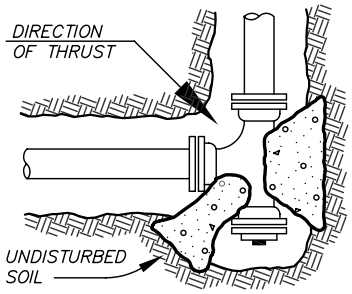
VERTICAL BENDS AND ANCHORS



TEE



HORIZONTAL BENDS



TEE AND PLUG

CONCRETE THRUST BLOCKING SCHEDULE						CONCRETE SCHEDULE VERTICAL BENDS				ANCHOR ROD SIZE
FITTING SIZE	BEARING AREA IN SQUARE FEET					MIN. CU. YARDS CONCRETE				FOR VERTICAL BEND AND ANCHORS
	TEE/PLUG	90°	45°	22–1/2°	11–1/4°	90°	45°	22–1/2°	11–1/2°	
4"	1	2	1	1	1	1	1	1	1	1/2"
6"	3	3	2	1	1	1	1	1	1	
8"	4	6	3	2	1	2	2	1	1	3/4"
10"	7	9	5	3	2	3	3	2	1	
12"	9	12	7	4	2	5	3	2	1	7/8"
14"	12	17	9	5	3	6	4	3	2	
16"	16	22	12	6	3	8	6	3	2	
18"	20	27	15	8	4	10	7	4	2	
20"	24	34	18	10	5	12	9	5	3	1–1/8"
24"	34	48	26	14	7	17	12	7	4	
30"	53	75	41	21	11	27	19	10	5	
36"	77	108	59	30	15	38	27	15	8	1–3/8"

NOTES:

1. MINIMUM BEARING AREA (IN SQUARE FEET) AGAINST UNDISTURBED TRENCH WALL OF SAND.
2. AREAS SHOWN ARE FOR 150 PSI TEST PRESSURE. IF TEST PRESSURE IS OTHER THAN 150 PSI, ADJUST AREA OF REACTION BACKING IN DIRECT PROPORTION.
3. OTHER SOIL CONDITIONS CEMENTED SAND OR HARDPAN – MULTIPLY ABOVE BY 0.5
   GRAVEL OR HARD DRY CLAY – MULTIPLY ABOVE BY 0.7
   SOFT CLAY – MULTIPLY ABOVE BY 2.0
   MUCK: SECURE ALL FITTINGS WITH APPROVED HARNESS OR TIE ROD CLAMPS, WITH CONCRETE REACTION BACKING THE SAME AS LISTED FOR SAND CONDITIONS.

THRUST BLOCKING AND ANCHORING SCHEDULE

NOT TO SCALE

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