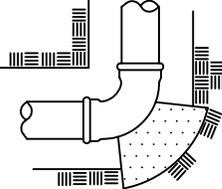
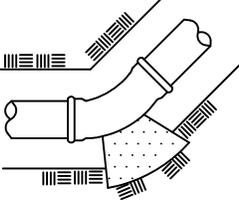
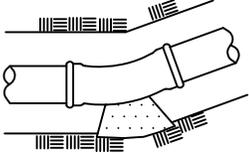
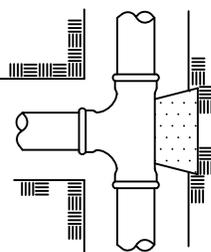
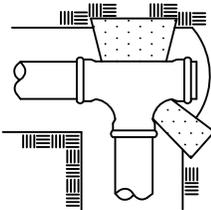


TYPE OF FITTING		90° BEND	45° BEND	11 1/2' OR 22 1/2' BEND
TYPICAL INSTALLATION				
SIZE OF PIPE	4"	2	1	1
	6"	4	2	1
	8"	7	4	2
	10"	12	6	3
	12"	16	10	5
TYPE OF FITTING		TEE OR DEAD END	TEE WITH PLUG	
TYPICAL INSTALLATION				
SIZE OF PIPE	4"	2	2	
	6"	3	4	
	8"	5	7	
	10"	8	12	
	12"	12	16	

## REQUIRED BEARING – TOTAL SQUARE FEET

**NOTES:**

1. THRUST BLOCKS TO BE CONSTRUCTED OF CLASS "B" CONCRETE.
2. AREAS GIVEN ARE FOR CLASS 150 PIPE AT TEST PRESSURE OF 150 P.S.I. IN SOIL WITH 2,000 P.S.F. BEARING CAPACITY. INSTALLATIONS USING DIFFERENT PIPE, TEST PRESSURES, AND/OR SOIL TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO APPROVAL OF ENGINEER.
3. BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL.
4. JOINTS TO BE KEPT CLEAR OF CONCRETE.
5. BLOCKS TO BE IN PLACE 7 (SEVEN) DAYS BEFORE TESTING.
6. ALL PLUGS SHALL BE SECURED WITH THRUST BLOCKS.
7. SEE STANDARD DETAIL 304 FOR CROSS THRUST BLOCK.

THRUST BLOCKS

DATE	REVISIONS	BY

CITY OF BIGGS
STANDARD DETAIL
303
DAVID L. SWARTZ, P.E. <span style="float: right;">1/97</span> APPROVED <span style="float: right;">DATE</span>