



MINIMUM BEARING SURFACE (SF)
FOR 200 PSI AND LESS

SIZE OF PIPE	BENDS				TEE OR DEAD END
	11-1/4°	22-1/2°	45°	90°	
4"	1.3	2.5	2.5	4	6.4
6"	1.3	2.5	5.0	9.0	6.4
8"	1.3	2.5	5.0	9.0	6.4
10"	1.9	3.8	7.4	13.7	9.7
12"	2.7	5.4	10.5	19.3	13.7
16"	4.7	9.3	19.1	33.6	23.8
20"	7.2	14.3	28.0	51.8	36.6

MINIMUM BEARING SURFACE (SF)
FOR 201 TO 250 PSI

SIZE OF PIPE	BENDS				TEE OR DEAD END
	11-1/4°	22-1/2°	45°	90°	
4"	1.6	3.1	4	4	8.0
6"	1.6	3.1	6.2	11.4	8.0
8"	1.6	3.1	6.2	11.4	8.0
10"	2.4	4.7	9.25	17.1	12.0
12"	3.4	6.7	13.1	24.2	17.1
16"	5.8	11.6	22.7	42.0	29.7
20"	9.0	17.9	35.0	64.8	45.8

GENERAL NOTES

- MEGALUG RESTRAINTS SHALL BE USED IN CONJUNCTION WITH THRUSTBLOCKS.
- MINIMUM AREA REQUIRED WILL BE THAT OF AN 8 INCH MAIN
- ALL THRUST BLOCKS SHALL BE FORMED. THE MINIMUM THICKNESS FORM MATERIAL SHALL BE 3/8" PLYWOOD OR DISTRICT APPROVED EQUIVALENT.
- BEARING AREA BASED ON SOIL BEARING PRESSURE OF 2000 LB/SF.

EAGLE RIVER WATER &
SANITATION DISTRICT

CONCRETE
THRUST BLOCKS

SCALE: NONE	DATE: 01-01-09
LAST REVISED: 12-31-02	
APPROVED FOR YEAR 2009	

W-03