



90 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	3.0	7.0	7.0	4.5
20	2.5	6.0	6.0	4.0
18	2.0	5.5	5.0	3.5
16	2.0	5.0	5.0	3.5
14	2.0	4.0	4.0	2.5
12	1.5	3.5	3.5	2.5
10	2.0	3.0	3.0	2.0
8	1.0	2.5	2.5	2.0
6	1.0	2.0	2.0	1.5
4	1.0	1.5	1.5	1.5

45 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	2.5	5.5	5.5	4.0
20	2.0	4.5	4.0	3.0
18	2.0	4.0	4.0	3.0
16	2.0	3.5	3.5	2.5
14	1.5	3.0	3.0	2.0
12	1.5	3.0	2.5	2.0
10	1.5	2.5	2.0	2.0
8	1.0	2.0	2.0	1.5
6	1.0	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

22.5 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	2.0	3.5	3.5	2.5
20	2.0	3.0	3.0	2.0
18	1.5	3.0	3.0	1.5
16	1.5	2.5	2.5	1.5
14	1.5	2.5	2.5	1.0
12	1.5	2.0	2.0	1.0
10	1.0	2.0	2.0	1.0
8	1.0	1.5	1.5	1.0
6	1.0	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

11.25 DEGREE BEND				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	2.0	3.0	3.0	1.0
20	1.5	2.5	2.5	1.0
18	1.5	2.0	2.0	1.0
16	1.5	2.0	2.0	1.0
14	1.5	1.5	1.5	1.0
12	1.5	1.5	1.5	1.0
10	1.0	1.5	1.5	1.0
8	1.0	1.0	1.0	1.0
6	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0

UNBALANCED TEE & PLUG				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	3.0	6.0	6.0	3.0
20	2.5	5.0	5.0	2.5
18	2.5	4.5	4.5	2.0
16	2.5	4.0	4.0	2.0
14	2.0	3.5	3.5	1.5
12	2.0	3.0	3.0	1.5
10	1.5	2.5	2.5	1.0
8	1.5	2.0	2.0	1.0
6	1.5	1.5	1.5	1.0
4	1.0	1.0	1.0	1.0

TEE				
PIPE DIA. (INCHES)	DIMENSIONS (FEET)			
	A	B	C	D
24	2.5	6.0	6.0	3.5
20	2.5	5.0	5.0	3.0
18	1.5	4.5	4.5	3.0
16	1.5	4.0	4.0	2.5
14	1.5	3.5	3.5	2.5
12	1.5	3.0	3.0	2.0
10	1.5	2.5	2.5	1.5
8	1.0	2.0	2.0	1.5
6	1.0	1.5	1.5	1.5
4	1.0	1.0	1.0	1.0

NOTES:

1. DIMENSIONS OF THRUST BLOCKS ARE BASED ON PRESSURE OF 150 PSI AND SOIL PRESSURE OF 2000 PSF.
2. ADDITIONAL CONCRETE BLOCKING MAY BE REQUIRED FOR PRESSURES GREATER THAN 150 PSI OR IF ALLOWABLE SOIL PRESSURE IS LESS THAN 2000 PSF.
3. CONCRETE IS TO BE CLASS "B" (2500 PSI).
4. CONCRETE THRUST BLOCKS ARE REQUIRED AT ALL TEES, FIRE HYDRANTS, WYES, PLUGS, CAPS, AND BENDS OF 11.25 DEGREES OR MORE.

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Standard Specification and Detail for:

Thrust Block Detail

GMD: NA	County: Athens-Clarke	State: Georgia	Date: August, 2019
Drawn by: KFM		The Unified Government of Athens-Clarke County Department of Public Utilities 124 E Hancock Ave Athens, Georgia 30601 Fax: 706-613-3198 Voice: 706-613-3490	
Approved by: GJ			
Scale: AS-SHOWN			

