

**NOTES:**


1. THRUST BLOCK DIMENSIONS ARE BASED ON 2,000 PSF SOIL BEARING PRESSURE AND 250 PSI TEST PRESSURE. ACTUAL INSIDE DIAMETER OF DUCTILE IRON PIPE CLASS 52 USED AS STANDARD.
2. SOIL CONDITIONS SHALL BE VERIFIED BY ENGINEER BEFORE THRUST BLOCK IS CONSTRUCTED. WHERE SOIL BEARING PRESSURE IS LESS THAN 2,000 PSF, THRUST BLOCK BEARING AREA SHALL BE INCREASED APPROPRIATELY.
3. ALL CONCRETE SHALL BE CLASS A, 3000 PSI.
4. SEE DWG. NO. 132A FOR THRUST BLOCK CONCRETE DETAILS.

BEND	PIPE SIZE (IN.)	"W" (FT.)	"L" (FT.)	"H" (FT.)	VOLUME (CY)
11 1/4°	6	1.0	2.0	1.0	0.04
	8	1.0	2.0	1.0	0.05
	12	1.0	2.0	2.0	0.1
	16	2.0	3.0	2.0	0.3
	20	2.0	3.0	3.0	0.5
22 1/2°	6	1.0	2.0	1.0	0.05
	8	1.0	2.0	2.0	0.1
	12	2.0	3.0	2.0	0.3
	16	2.0	4.0	3.0	0.6
	20	3.0	5.0	3.0	1.0
45°	6	1.5	2.0	1.5	0.11
	8	2.0	3.0	2.0	0.3
	12	2.0	4.0	3.0	0.7
	16	3.0	5.0	4.0	1.4
	20	4.0	6.0	5.0	2.6
90°	6	1.75	2.5	2.0	0.2
	8	2.0	3.0	3.0	0.4
	12	4.0	6.0	4.0	2.1
	16	4.0	7.0	5.0	3.1
	20	5.0	8.0	7.0	5.3
TEE BRANCHES, PLUGS & CAPS (ALL CIRCUMSTANCES)	6	1.5	2.0	1.75	0.13
	8	2.0	3.0	2.0	0.3
	12	2.0	4.0	4.0	0.8
	16	3.0	5.0	5.0	1.5
	20	4.0	7.0	6.0	3.9

BEND	PIPE SIZE (IN.)	VOLUME (CY)	"A" NO. OF VERT. BARS REQ'D.	
11 1/4°	6	0.3	2	
	8	0.5	2	
	12	1.4	2	
	16	2.4	3	
	20	3.8	3	
	22 1/2°	6	0.7	2
22 1/2°	8	1.2	2	
	12	2.7	2	
	16	4.8	3	
	20	7.4	3	
	45°	6	1.2	2
	45°	8	2.2	2
12		4.9	2	
16		8.8	3	
20		13.7	3	
90°		6	1.8	2
90°		8	3.1	2
	12	7.0	3	
	16	12.4	3	
	20	19.4	4	

BEND	PIPE SIZE (IN.)	"W" (FT.)	"L" (FT.)	"H" (FT.)	VOLUME (CY)
11 1/4°	6	1.0	2.0	1.0	0.04
	8	1.0	2.0	1.0	0.05
	12	1.0	2.0	2.0	0.1
	16	2.0	3.0	2.0	0.3
	20	2.0	3.0	3.0	0.5
22 1/2°	6	1.0	2.0	1.0	0.05
	8	1.0	2.0	2.0	0.1
	12	2.0	3.0	2.0	0.3
	16	2.0	4.0	3.0	0.6
	20	3.0	5.0	3.0	1.0
45°	6	1.5	2.0	1.5	0.11
	8	2.0	3.0	2.0	0.3
	12	2.0	4.0	3.0	0.7
	16	3.0	5.0	4.0	1.4
	20	4.0	8.0	5.0	2.8
90°	6	1.75	2.5	2.0	0.2
	8	2.0	3.0	3.0	0.4
	12	4.0	6.0	4.0	2.1
	16	4.0	7.0	5.0	3.1
	20	5.0	8.0	7.0	5.3

95% SUBMITTAL

<p><b>FULTON COUNTY STANDARD DETAIL 132B</b></p> <p><b>STANDARD THRUST BLOCK DETAILS</b></p>		DATE M/Y	REVISIONS XXX	DATE M/Y	REVISIONS XXX	DGS/DRN/CHKD: <u>   XXX   </u>	 <p><b>FULTON COUNTY</b></p>	<p>FULTON COUNTY PUBLIC WORKS</p> <p>141 PRYOR ST. ATLANTA, GA. 30303</p> <p>404-612-7400 FAX: 404-224-0498</p>	<p>DRAWING NO.</p> <p><b>132B</b></p>
						APPROVED: <u>   XXX   </u>			
						DATE: <u>   XX-X-XX   </u>			