


- NOTES:**
1. ON PIPE SIZES 6"-14" ROD AND NUT WILL HAVE MIN. YIELD STRENGTH OF 50,000 PSI ON PIPE SIZES 16"-24" ROD AND NUT WILL HAVE MIN. YIELD STRENGTH OF 100,000 PSI
 2. RODS HAVE 6" OF THREAD ON EACH END
 3. ALL METAL TO BE CLEANED AND COATED WITH AN APPROVED PROTECTIVE COATING FOLLOWING INSTALLATION AND PRIOR TO BACKFILLING, SEE NOTE 3, DWG. NO. 127

PIPE SIZE	ROD DIA.	NO. RODS	TOTAL THRUST (LBS)
TEES, PLUGS & VALVES	6"	2/3	5,655
	8"	2/3	10,055
	10"	3	15,710
	12"	4	22,620
	14"	6	30,800
	16"	4	40,215
1 1/2" B	20"	6	62,885
	24"	8	90,480
	30"	6	141,375
	36"	6	203,595
	1"	2	1,110
	3/4"	2	1,970
2 1/2" B	6"	2	3,080
	8"	2	4,435
	10"	2	6,035
	12"	2	7,885
	14"	2	12,320
	16"	2	17,740
4 1/2" B	20"	2	27,720
	24"	2	39,910
	30"	2	2,210
	36"	2	3,925
	1"	2	6,130
	3/4"	2	8,825
6" B	6"	2	12,015
	8"	2	15,690
	10"	2	24,515
	12"	2	35,305
	14"	2	55,180
	16"	2	79,495
8" B	6"	2/3	4,430
	8"	2/3	7,700
	10"	2	12,025
	12"	4	17,312
	14"	4	23,565
	16"	4	30,780
10" B	20"	4	48,090
	24"	6	69,250
	30"	4	108,205
	36"	6	155,810
	1"	3	8,000
	3/4"	3	14,220
12" B	10"	4	22,214
	12"	6	32,000
	14"	6	43,540
	16"	4	56,870
	20"	8	89,860
	24"	8	127,960
14" B	30"	6	199,930
	36"	6	287,900

DATE	REVISIONS	DATE	REVISIONS	DATE	REVISIONS
8/08	NRR				

FULTON COUNTY STANDARD DETAIL 126
THRUST RESTRAINTS: THE ROD CHART


 FULTON COUNTY PUBLIC WORKS
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