



TABLE 117-1

A.S.T.M. A746						A.S.T.M. C76-				A.S.T.M. C14-				A.S.T.M. - D2321 DR 17				
DUCTILE IRON GRAVITY SEWER PIPE						REINF. CONC. PIPE				EX. STR. CONC. SEWER PIPE				HDPE PIPE				
PSI	D. IN	T. IN	Bd FT	C FT	*CRADLE	T. IN	Bd FT	C FT	*CRADLE	T. IN	Bd FT	C FT	*CRADLE	T. IN	Bd FT	C FT	*CRADLE	
350	6	0.38	2.33	0.41	0.034									0.390	2.33			
350	8	0.42	2.67	0.53	0.36					7 / 8	2.15	0.6	0.041	0.507	2.67			
350	10	0.48	2.83	0.65	0.043					1	2.33	0.7	0.047	0.632	2.83			
350	12	0.52	3.00	0.78	0.049	2	2.83			1-3/8	2.83	0.87	0.055	0.750	3.00			
250	15					2-1/4	3.13	0.95	0.06	1-5/8	3.13	1.08	0.066					
250	18	0.73	3.67	1.15	0.072	2-1/2	3.42	1.15	0.073	2	3.42	1.3	0.086	1.059	3.67			
200	21					2-3/4	3.71	1.35	0.088	2-1/4	3.71	1.5	0.105					
200	24	0.85	4.17	1.52	0.18	3	4.00	1.55	0.109	2-5/8	4.00	1.72	0.128	1.412	4.17			
150	27					3-1/4	4.29	1.75	0.131									
150	30	0.99	4.83	1.88	0.149	3-1/2	4.58	1.95	0.153					1.765	4.83			
150	33					3-3/4	4.88	2.2	0.184									
150	36	1.19	5.33	2.27	0.198	4	5.17	2.4	0.215									
150	42	1.32	6.00	2.63	0.253	4-1/2	5.88	2.6	0.288									
150	48	1.44	6.50	3	0.314	5	6.33	3	0.36									
150	54					5-1/2	6.92	3.5	0.44									
150	60					6	7.50	3.75	0.54									
100	66					6-1/2	8.08	4.25	0.63									
100	72					7	8.67	4.65	0.74									

NOTE: PAYMENT QUANTITY IN CU. YDS./LIN/FT. OF TRENCH FOR CLASS "B" CONC. IN CASE OF CLASS "A" BEDDING & FOR CRUSHED STONE BEDDING MATERIAL IN CASE OF CLASS "B" BEDDING, ADJUST QUANTITY OF CRADLE MATERIAL BASED ON Bd WIDTH IF DEPTH OF CRADLE EXCEEDS D/4.

95% SUBMITTAL

FULTON COUNTY STANDARD DETAIL 117  
PIPE SEWER DATA  
DUCTILE IRON, CONCRETE AND HDPE  
PIPE INSTALLATION

DATE	REVISIONS	DATE	REVISIONS
M/Y	XXX	M/Y	XXX

DGS/DRN/CHKD: XXX  
APPROVED: XXX  
DATE: XX-X-XX



FULTON COUNTY PUBLIC WORKS  
141 PRYOR ST. ATLANTA, GA. 30303  
404-612-7400 FAX: 404-224-0498

DRAWING NO.  
**117**