

TABLE 521-1 PIPE GAUGE AND THICKNESS					
THICKNESS	0.064"	0.079"	0.109"	0.138"	0.168"
GAGE	16	14	12	10	8

NOTES:


1. ALL C.M.P PIPE SHALL BE HALF-COATED WITH A PAVED INVERT, EXCEPT AS FOLLOWS: FULLY COATED PIPE WITH A PAVED INVERT MAY BE USED UNDER THE FOLLOWING CONDITIONS:
 - 1.1. A SMALL PIECE OF ONE OF THE PIPES IN EACH SIZE CATEGORY WILL BE CHOSEN AT RANDOM BY A FULTON COUNTY INSPECTOR.
 - 1.2. THIS PIPE IS TO BE TESTED FOR GAUGE AND COMPOSITION BY AN INDEPENDENT TESTING LABORATORY.
 - 1.3. IF, AFTER TESTING, THE TEST REPORT INDICATES THAT THE PIPE DOES NOT MEET COUNTY SPECIFICATIONS, THE CONTRACTOR MUST IMMEDIATELY REMOVE ALL PIPE ON THE JOB AND TEST EACH PIECE.
 - 1.4. COST OF ALL TESTS ARE TO BE BORN BY THE DEVELOPER.
 - 1.5. CONC. PIPE REQUIRED UNDER ALL ROADWAYS & ON CROSS DRAINS.

**TABLE 521 - 2
PIPE GAUGE AND CLASS BY PIPE DIAMETER (INCHES)**

		15		18		24		30		36		42		48		54		60		66		72		78		84		90		96		102		108			
		C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S				
HEIGHT OF FILL IN FEET ABOVE TOP OF PIPE**	1-10	III	16	III	16	III	16	III	16	III	16	III	16	III	16	III	14	III	12	III	12	III	10	III	8	III	8	III	III	III	USE	III	USE	III	USE	III	USE
	10-15	III	16	III	16	III	16	III	16	III	16	III	16	III	16	III	14	III	12	III	12	III	10*	III	8	III	8	III	III	III	III	III	III	III	III	III	III
	15-20	IV	16	IV	16	IV	16	IV	16	IV	16	IV	14	IV	12	IV	10*	IV	8*	IV	12*	IV	10*	IV	8*	IV	8*	IV	IV	IV	IV	IV	IV	IV	IV	IV	
	20-25	V	16	V	16	V	16	V	14	V	10	V	16*	V	16*	V	14*	V	12*	V	12*	V	10*	V	8*	V	V	V	V	V	V	V	V	V	V	V	V
	25-30	V	16	V	16	V	16	V	10	V	14*	V	14*	V	14*	V	14*	V	12*	V	10*	V	8*	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	30-35	V	16	V	16	V	12	V	8*	V	12*	V	14*	V	14*	V	12*	V	10*	V	10*	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	35-40	V	16	V	16	V	12	V	12*	V	10*	V	12*	V	12*	V	8*	V	8*	V	8*	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	40-50	V	16	V	14	V	10	V	8*	V	10	V	8*	V	0*	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0
	50-60	V	16	V	12	V	Φ	V	Φ	V	8	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0
	60-70	V	14	V	12	V	Φ	V	Φ	V	10*	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0
70-80	V	12	V	10	V	Φ	V	Φ	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	V	0	

* PIPE SHALL BE CIRCULAR CROSS-SECTION, FACTORY ELONGATED.
 ** WHERE H=10', 15', 20' ETC. USE GAUGE THICKNESS IN INCHES OR CLASS OF PIPE SPECIFIED FOR NEXT HIGHEST INCREMENTS OF HEIGHT OF FILL
 NP NOT PERMITTED
 C REINFORCED CONCRETE PIPE
 S CORRUGATED METAL PIPE
 Φ USE 60" STRUCTURAL PLATE PIPE

95% SUBMITTAL

FULTON COUNTY STANDARD DETAIL 521 PIPE GAUGE AND CLASS (CONCRETE & CORRUGATED STEEL PIPE)	DATE	REVISIONS	DATE	REVISIONS	DGS/DRN/CHKD: <u> XXX </u> APPROVED: <u> XXX </u> DATE: <u> XX-X-XX </u>		FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-224-0498	DRAWING NO. 521
	M/Y	XXX	M/Y	XXX				