SUMMARY OF DRAINAGE QUANTITIES

NOTE: THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.

DRAINAGE STRUCTURE NUMBER	LOCATION	PIPE CULVERT MATERIAL ALTERNATES: TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36: ALUMINUM COATED (TYPE 2) CORR. STEEL	CORRUGATED STEEL AASHTO M-36: PLAIN ZINC COATED	CORRUGATED ALUMINUM AASHTO M-196: PLAIN UNCOATED ALUMINUM	PLASTIC: CORR. POLY-ETHYLENE AASHTO M-252	PLASTIC: CORR. POLY-ETHYLENE SMOOTH-LINED, AASHTO M-294 TYPE S	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO-304	MAXIMUM HEIGHT OF FILL OVER PIPE (FT)	FOUNDATION BACK FILL MAT'L (TP 11 CY)	FLARED END SECTIONS GA. STD. 1120 STORM DRAIN (EA/SZ)	SAFETY END SECTIONS GA. STD. 1120 SIDE DRAIN (EA/SZ)	STRUCTURE DEPTH (H) (LF)	DROP INLETS GP 1: GA. STD. 5001 M1 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 5001 M1 ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 5001 M2 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 5001 M2 ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 1019 A TYPE "B" WITH WEIR 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 1019 A TYPE "B" WITH WEIR ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 9031S 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 9031S ADD'L DEPTH (LF)	DROP INLETS GP 2: GA. STD. 5001 M1 6 FT OR LESS (EA)	DROP INLETS GP 2: GA. STD. 5001 M1 ADD'L DEPTH (LF)	DROP INLETS GP 2: GA. STD. 5001 M2 6 FT OR LESS (EA)	DROP INLETS GP 2: GA. STD. 5001 M2 ADD'L DEPTH (LF)	GA STD 9031U CLASS A CONC. COLLAR (EA)	GA STD 1125 CLASS A CONC. HEADWALL INCL REINF STEEL (CY)	MANHOLE GA. STD. 1011 A TYPE 1 42" OR LESS: 6 FT OR LESS (EA)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 1 (LF)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 2 (LF)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 3 (LF)	MANHOLE TYPE 2 48" TO 84": 6 FT OR LESS (EA)	MANHOLE TYPE 2: ADD'L DEPTH CLASS 1 (LF)	MANHOLE TYPE 2: ADD'L DEPTH CLASS 2 (LF)	MANHOLE TYPE 2: ADJUST M.H. TO GRADE (EA)	MANHOLE TYPE 2: RECONSTRUCT M.H. (EA)	CLASS B CONC. (FLUMES AND SPILLWAY APRON) (CY)	JACK OR BORE PIPE - 18" (LF)	JACK OR BORE PIPE - 24" (LF)	JACK OR BORE PIPE - 30" (LF)	COMMENTS
		LINEAR FEET: SLOPE DRAIN 18"	SLOPE DRAIN 24"	STORM DRAIN 15"	STORM DRAIN 18"	STORM DRAIN 24"	STORM DRAIN 30"	STORM DRAIN 36"	STORM DRAIN 48"																																
U1-24	640+88, CENTERLINE					263										5.04			1																						EXISTING OUTLET NOT USED
U1-25	642+50, CENTERLINE				162											5.19			1																						
U1-26	645+00, CENTERLINE				250											5.00			1																						
U1-27	647+87, CENTERLINE				287											5.01			1																						EXISTING OUTLET NOT USED
U1-28	648+50, CENTERLINE				63											4.96			1																						
U1-29	651+00, CENTERLINE				250											5.03			1																						
U3-1	652+32, 114' RT																																								EXIST CROSS DRAIN OUTLET 15" PIPE
U1-30	653+50, CENTERLINE				250											4.99			1																						
U3-2	654+24, 81' LT																																								EXIST CROSS DRAIN INLET 15" PIPE
U1-31	654+50, CENTERLINE				100											4.97			1																						
	SUB-TOTAL SHEET 13				1362	263													8																						
	AS DIRECTED											100																			1										
	SUB-TOTAL FROM SHEET 6-04				2089	563											22	1	5																					
	SUB-TOTAL FROM SHEET 6-05				3272	50	77												24	13																	227	89	
	SUB-TOTAL FROM SHEET 6-06				1531	206	480										18	9	8	11																				
	SUB-TOTAL FROM SHEET 6-07				2899	840											5		20																					
	SUB-TOTAL FROM SHEET 6-08				1843	815											6		20	3											1.69						106		
	SUB-TOTAL FROM SHEET 6-09			10	3338	360							1/15				15	5	12																			115	
	SUB-TOTAL FROM SHEET 6-10			10	2300	16	14						1/15 1/30				4		18	8			1														87		
	SUB-TOTAL FROM SHEET 6-11			30	4790								1/15 1/18				1		11				8								4.80						90		
	SUB-TOTAL FROM SHEET 6-12			5	4066	150							1/15						31	2																				
	SUB-TOTAL FROM SHEET 6-13			5	1292	1236	114										6		19	13											2.32							108	
	SUB-TOTAL FROM SHEET 6-14				2304	360							1/30				8		15	2											1.16						119		87	
	SUB-TOTAL FROM SHEET 6-15			12	3433	1073	102						1/15				10		19	7																				
	SUB-TOTAL FROM SHEET 6-16				1362	263													8																					
	GRAND TOTAL			72	34519	5932	787					100	5/15 1/18 2/30				95	15	210	59			9								10	1					119	590	399	

NOTE: FOR FLUME QUANTITIES SEE DRAWING 6-02
NOTE: FOR RIP RAP QUANTITIES SEE DRAWING 6-17

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:
QUANTITIES - DRAINAGE

DRAWING No. 6-16