SUMMARY OF DRAINAGE QUANTITIES

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

FOR PIPE CULVERT MATERIAL ALTERNATES SEE DRAWING 4-01 - GENERAL NOTES

DRAINAGE STRUCTURE NUMBER	LOCATION	LINEAR FEET STORM DRAIN 18"	24"	30"	36"	42"	48"	60"	SIDE DRAIN 18"	24"	30"	36"	42"	60"	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. 1122 SIDE DRAIN EA/SZ	CATCH BASIN GP 1 36" OR LESS GA. STD. 1033D 6 FT OR LESS EA	ADD'L DEPTH LF	GA. STD. 1034D 6 FT OR LESS EA	ADD'L DEPTH LF	CATCH BASIN GP 2 OVER 36" GA. STD. 1033D 6 FT OR LESS EA	ADD'L DEPTH LF	GA. STD. 1034D 6 FT OR LESS EA	ADD'L DEPTH LF	DROP INLETS GP 1 36" OR LESS GA. STD. 1035 6 FT OR LESS EA	ADD'L DEPTH LF	GA. STD. 1019A TYPE E 6 FT OR LESS EA	ADD'L DEPTH LF	GA. STD. 1019B TYPE V-1 6 FT OR LESS EA	ADD'L DEPTH LF	GEORGIA DETAIL D-4 6 FT OR LESS EA	ADD'L DEPTH LF	DROP INLETS GP 2 OVER 36" GA. STD. 1019A TYPE E 6 FT OR LESS EA	ADD'L DEPTH LF	GA. STD. 1019B TYPE V-1 6 FT OR LESS EA	ADD'L DEPTH LF	MANHOLE GA. STD. 1011A TYPE 1 42" OR LESS 6 FT OR LESS EA	ADD'L DEPTH LF	TYPE 2 48" OR LARGER 6 FT OR LESS EA	ADD'L DEPTH LF	GA STD. 1125 HEADWALL CLASS A CONCRETE INCL. REINF. STEEL CY	ADJUST CATCH BASIN TO GRADE EA	RIP RAP TYPE 3 24" SY	RIP RAP TYPE 1 36" SY	DRAINAGE STructure NUMBER	COMMENTS
N-2	S.R. 74 STA. 185+20, 52' RIGHT	261													7				1	2																														
N-3	S.R. 74 STA. 182+60, 52' RIGHT	47													7				1	4																														
N-4	S.R. 74 STA. 182+29, 90.4' RIGHT	79													7																																			
N-5	S.R. 74 STA. 181+53, 93.4' RIGHT	47													7																	1																		
N-6	S.R. 74 STA. 181+06, 103' RIGHT														-		1/18"												1	3																				
O-1	S.R. 74 STA. 180+90.4, 99.5' RIGHT														11																																			
O-2	S.R. 74 STA. 180+87.9, 102.8' LEFT														11																																			
P-1	REDWINE RD. STA. 12+78.2, 77.9' RT	66													4																																			
P-2	REDWINE RD. STA. 12+26, 47' RIGHT	102													6														1																					
P-3	REDWINE RD. STA. 12+11.5, 54' LEFT														-		1/18"																																	
O-1	REDWINE RD. STA. 15+65.3, 39.9' RT	16													4														1																					
O-2	REDWINE RD. STA. 15+64.6, 57.6' RT														-																																			
R-1	OLD ROCKAWAY ROAD TIE-IN STA. 12+00, 30.7' LEFT		56												4		1/24"																				1												
R-2	OLD ROCKAWAY ROAD TIE-IN STA. 12+00, 37' RIGHT														4																																			
S-1	S.R. 74 STA. 191+30, 52' RIGHT	267													9				1																						1.69								OUTLET HEADWALL FOR HIGH VELOCITY
S-1A	S.R. 74 STA. 191+30, 40' LEFT	266													5				1																															
S-2	S.R. 74 STA. 193+96, 45.3' LEFT		42												8				1	1																														
S-3	S.R. 74 STA. 193+97, 52' RIGHT		43												8				1	5																														
S-4	S.R. 74 STA. 194+40, 52' RIGHT		225												8				1	5																														
S-5	S.R. 74 STA. 196+65, 48' RIGHT		311												5				1	2																														
S-6	S.R. 74 STA. 199+76, 48' RIGHT		169												3				1																															
S-7	S.R. 74 STA. 201+45, 48' RIGHT		395												4				1																															
S-8	S.R. 74 STA. 205+40, 48' RIGHT		187												5				1	1																														
S-9	S.R. 74 STA. 207+30, 83' RIGHT														-		1/30"																																	
T-1	S.R. 74 STA. 209+90, 12' LEFT	110													6				1																									24					
T-2	S.R. 74 STA. 208+80, 12' LEFT	77													9				1	2																														
T-3	S.R. 74 STA. 208+80, 74.7' RIGHT														-		1/18"																																	
U-1	S.R. 74 STA. 213+85, 12' LEFT	84													11				1	5																								8					
U-2	S.R. 74 STA. 213+81, 81.1' RIGHT														-		1/18"																																	
V-1	S.R. 74 STA. 216+85, 12' LEFT	90													13				1	6																								8					
V-2	S.R. 74 STA. 216+85, 85.9' RIGHT														-		1/18"																																	
W-1	S.R. 74 STA. 222+85, 4' RIGHT	57													4																1													8					
W-2	S.R. 74 STA. 222+85, 69' RIGHT														-		1/18"																																	
	TOTAL																6/18																																	
																	1/24		15	33									3	3	1		2					1				1.69		64					
																	1/30																																	

H-			
	1-10	1479	1428
	10-15	90	
	15-20		
	20-25		
	25-30		

NOTE: FOR FLUME QUANTITIES SEE DRAWING 6-02

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE:

QUANTITIES - DRAINAGE

DRAWING No. 6-07