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)
I-7	S.R. 74 STA. 163+75, 90.4' RIGHT	134													4
I-8	S.R. 74 STA. 163+78.8, 44.2' LEFT	37													4
I-9	S.R. 74 STA. 163+80, 81.4' LEFT														-
J-1	DAYCARE DRWY STA. 7+05, 14' RIGHT	145													4
J-2	DAYCARE DRWY STA. 5+33, 14' RIGHT														3
J-3	UNKNOWN														-
K-1	S.R. 74 STA. 164+34, 3.6' LEFT	54													4
K-2	S.R. 74 STA. 165+50, 4' LEFT	62													4
K-3	S.R. 74 STA. 164+88, 4' LEFT	32													4
K-4	S.R. 74 STA. 164+20, 36.4' LEFT	66													3
K-5	S.R. 74 STA. 165+57, 36' LEFT	67													3
K-6	S.R. 74 STA. 164+88, 36' LEFT	50													4
K-7	S.R. 74 STA. 165+25, 75.6' LEFT														-
L-1	S.R. 74 STA. 169+90, 4' RIGHT	48													3
L-2	S.R. 74 STA. 169+69, 48' LEFT	291													6
L-3	S.R. 74 STA. 173+35, 12' RIGHT	91													6
L-4	S.R. 74 STA. 172+70, 52' LEFT	267													6
L-5	S.R. 74 STA. 175+40, 52' LEFT	159													4
L-6	S.R. 74 STA. 177+00, 52' LEFT	89													3
L-7	S.R. 74 STA. 177+90, 52' LEFT		44												3
L-8	S.R. 74 STA. 178+34, 52' LEFT		46												3
L-9	S.R. 74 STA. 178+80, 52' LEFT		89												4
L-10	S.R. 74 STA. 179+70, 52' LEFT		117												8
L-11	S.R. 74 STA. 184+22, 40' LEFT	331													8
L-12	S.R. 74 STA. 180+88, 52' LEFT														-
M-1	S.R. 74 STA. 175+48, 40' RIGHT	133													3
M-2	S.R. 74 STA. 176+80, 46.9' RIGHT	111													4
M-3	S.R. 74 STA. 177+90, 52' RIGHT	45													4
M-4	S.R. 74 STA. 180+00, 52' RIGHT	121													4
M-5	S.R. 74 STA. 178+80, 52' RIGHT	46													4
M-6	S.R. 74 STA. 178+34, 52' RIGHT	77													4
M-7	S.R. 74 STA. 179+00, 93.9' RIGHT														-
N-1	S.R. 74 STA. 186+79, 52' RIGHT	159													6
	TOTAL														

H-	STORM DRAIN 18"	24"	30"	36"	42"	48"	60"	SIDE DRAIN 18"	24"	30"	36"	42"	60"
1-10	2615	296											
10-15													
15-20													
20-25													
25-30													

DRAINAGE STRUCTURE NUMBER	FOUNDATION BACK FILL MAT'L TP II (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)
I-7		1/18"																	
I-8																			
I-9		1/18"																	
J-1				1															
J-2				1															
J-3																			
K-1																1			
K-2																1			
K-3														1					
K-4				1															
K-5				1															
K-6						1													
K-7		1/18"																	
L-1																1			
L-2				1															
L-3																1			
L-4				1	2														
L-5				1															
L-6				1															
L-7				1															
L-8						1													
L-9				1															
L-10				1	2														
L-11				1															
L-12				1	4														
M-1				1															
M-2				1															
M-3				1															
M-4				1															
M-5				1															
M-6						1													
M-7		1/18"																	
N-1				1															
TOTAL		4/18		19	8	3								1		4			

DRAINAGE STRUCTURE NUMBER	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
I-7														I-7	
I-8					1	1								I-8	
I-9											5			I-9	
J-1														J-1	
J-2														J-2	
J-3														J-3	
K-1														K-1	
K-2														K-2	
K-3														K-3	
K-4														K-4	
K-5														K-5	
K-6														K-6	
K-7											5			K-7	
L-1														L-1	
L-2														L-2	
L-3														L-3	
L-4														L-4	
L-5														L-5	
L-6														L-6	
L-7														L-7	
L-8														L-8	
L-9														L-9	
L-10														L-10	
L-11														L-11	
L-12														L-12	
M-1														M-1	
M-2														M-2	
M-3														M-3	
M-4														M-4	
M-5														M-5	
M-6														M-6	
M-7														M-7	
N-1														N-1	
TOTAL					1	1					10				

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. 6-06