SUMMARY OF DRAINAGE QUANTITES

Grade and Fill / Flared End Sections / Catch Basins Group 1 (900 mm or less) / Catch Basins Group 2

STRUCTURE NUMBER	STATION	LOCATION	STRUCTURE TYPE	GRADE AND FILL: APPROXIMATE GRADE OF PIPE (%)	GRADE AND FILL: MAXIMUM HEIGHT OF FILL OVER PIPE (METERS)		FLARED END SECTIONS: FLARED END SECTIONS GA. STD. 1120 FES STORM DRAIN (EACH)	SAFETY FLARED END SECTIONS GDOT CONSTRUCTION DETAIL D-5 (EACH)	MILLIMETERS (SIZE)	CB GROUP 1: 2 METERS OR LESS GA STD 1033D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1034D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1034G CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS GA STD 1033G CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	CB GROUP 2: 2 METERS OR LESS (1050 mm or more) GA STD 1033D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS (1050 mm or more) GA STD 1034D CB (EACH)	ADDITIONAL DEPTH (LINEAR METERS)
EE-1P	17+272.0	LT	1033D CB	3.71	0.9					1											
EE-2	17+078.0	RT	1019B DI																		
EE-2A	17+091.0	RT	1034G CB	4.10	1.1									1							
EE-2B	17+101.0	RT	1033G CB	0.64	0.8											1					
EE-2C	17+140.0	RT	1033G CB	1.57	0.8											1					
EE-2D	17+260.0	RT	1019B DI	2.83	0.8																
EE-3	17+075.0	RT	1011A MH	4.50	6.6																
EE-3A	17+020.0	RT	1033D CB	1.98	0.8					1											
EE-3B	17+048.0	RT	1033D CB	4.78	1.0					1											
EE-3C	17+053.0	RT	1033D CB	4.79	2.4					1											
EE-4	17+073.0	RT	1125 HW																		
FF-1	17+300	LT	1120 FES	8.40	1.0		1		750												
FF-2	17+303.0	LT	1033D CB	0.30	1.3													1	0.2		
FF-2A	17+335.0	LT	1033D CB	0.30	1.3													1	0.7		
FF-2B	17+390.0	LT	1033D CB	5.46	0.8					1											
FF-2C	17+445.0	LT	1033D CB	3.43	0.9					1											
FF-2D	17+485.0	LT	1033D CB	2.05	0.8					1											
FF-3	17+300.0	RT	1019B DI	1.24	1.5																
FF-3A	17+360.0	RT	1033G CB	0.30	2.5													1	2		
FF-3B	17+435.0	RT	1033G CB	6.16	0.8											1					
FF-3C	17+463.0	RT	1033D CB	1.05	0.8					1											
FF-3D	17+485.0	RT	1033D CB	0.99	0.8					1											
FF-4	17+300.0	RT	1120 FES				1		750												
GG-1	17+620.0	RT	1033D CB	3.99	0.8					1											
GG-2	17+661.0	RT	1033D CB	6.76	0.8					1											
GG-3	17+706	RT	1033D CB	1.03	0.8					1											
GG-4	17+745.0	RT	1033D CB	1.12	0.9					1											
GG-5	17+784.0	RT	1033D CB	0.93	1.3					1											
GG-6	17+798.0	RT	1011A MH																		
GG-7	17+580.0	LT	1033D CB	5.57	0.8					1											
GG-8	17+620.0	LT	1033D CB	3.83	0.8					1											
GG-9	17+674.0	LT	1033D CB	5.13	0.8					1											
GG-10	17+704.0	LT	1033D CB	1.58	1.2					1											
GG-11	17+704.0	LT	1011A MH	1.46	1.2																
GG-12	17+766.0	LT	1019B DI	2.29	0.6																
GG-13	17+781.0	LT	1019B DI																		
GG-14	17+728.0	LT	1019A DI																		
GG-15	17+730.0	LT	9031U JB																		
GG-16	17+743.0	LT	9031U JB																		
GG-17	17+745.0	LT	1019A DI																		
GG-18	17+768.0	LT	9031U JB																		
HH-1	17+890.0	LT	D-5 SES	21.37	0.9			1	900												
HH-2	17+892.0	LT	1011A MH	2.15	0.9																
HH-3	17+920.0	LT	1033D CB	1.77	1.1					1	0.1										
HH-4	17+936.0	LT	1034D CB	0.30	0.9							1	0.3								
SUBTOTALS							2		750	19	0.1	1	0.3	1	0	3	0	3	2.9	0	0
								1	900												

Headwalls / Pipe Culverts (Linear Meters)

STRUCTURE NUMBER	HEADWALLS GA STD 1125 HDW SAFETY GRATE BASIN (+ REBAR) (TYPE)	CLASS A CANC GA STD 1125 HDW SAFETY GRATE BASIN (+ REBAR) (CUBIC METERS)		450 mm	600 mm	750 mm	900 mm	1050 mm	1200 mm	1350 mm
EE-1P						15.1				
EE-2										
EE-2A				12.5						
EE-2B				9.4						
EE-2C				38.0						
EE-2D				119.3						
EE-3							26.0			
EE-3A				27.1						
EE-3B				4.1						
EE-3C				22.2						
EE-4	2.3	115.2								
FF-1						4.8				
FF-2						18.5				
FF-2A								31.6		
FF-2B				53.5						
FF-2C				54.1						
FF-2D				38.8						
FF-3						19.5				
FF-3A								31.6		
FF-3B				53.5						
FF-3C				54.1						
FF-3D				38.8						
FF-4										
GG-1				39.7						
GG-2				44.6						
GG-3				39.5						
GG-4				38.6						
GG-5				14.7						
GG-6										
GG-7				39.2						
GG-8				53.5						
GG-9				28.9						
GG-10				12.6						
GG-11				59.5						
GG-12										
GG-13										
GG-14										
GG-15										
GG-16										
GG-17										
GG-18										
HH-1							16.6			
HH-2							27.8			
HH-3							14.9			
HH-4							4.7			
SUBTOTALS	2.3	115.2	CL III	896.2	0.0	57.9	64.0	63.2	0.0	0.0
			CL IV							
			CL V				26.0			

Drop Inlets / Junction Box / Manholes

STRUCTURE NUMBER	DROP INLETS: 2 METERS OR LESS DROP INLET GA STD 9031L DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 9031S DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 1019A TYPE A DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	2 METERS OR LESS DROP INLET GA STD 1019B V-1 DI (EACH)	ADDITIONAL DEPTH (LINEAR METERS)	JUNCTION BOX (EACH)	MANHOLES: 2 METERS OR LESS TYPE 1 MANHOLE GA STD 1011A MH (EACH)	ADDTIONAL DEPTH CLASS 1 2M-3M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 2 3M-6M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 3 6M-9M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 4 9M-14M TYPE 1 MANHOLE GA STD 1011A MH (LINEAR METERS)	2 METERS OR LESS TYPE 2 MANHOLE GA STD 1011A MH (EACH)	ADDTIONAL DEPTH CLASS 1 2M-3M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 2 2M-6M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 3 2M-9M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	ADDTIONAL DEPTH CLASS 4 2M-14M TYPE 2 MANHOLE GA STD 1011A MH (LINEAR METERS)	RECONSTRUCTION MANHOLE (EACH)	ADJUSTMENT TO GRADE (EACH)	JUNCTION BOX SPECIAL DESIGN (EACH)
EE-1P																						
EE-2							1	4.1														
EE-2A																						
EE-2B																						
EE-2C																						
EE-2D							1															
EE-3										1	5.8											
EE-3A																						
EE-3B																						
EE-3C																						
EE-4																						
FF-1																						
FF-2																						
FF-2A																						
FF-2B																						
FF-2C																						
FF-2D																						
FF-3							1	0.5														
FF-3A																						
FF-3B																						
FF-3C																						
FF-3D																						
FF-4																						
GG-1																						
GG-2																						
GG-3																						
GG-4																						
GG-5																						
GG-6										1		3.3										
GG-7																						
GG-8																						
GG-9																						
GG-10																						
GG-11										1												
GG-12							1															
GG-13							1	3.5														
GG-14					1																	
GG-15									1													
GG-16									1													
GG-17					1																	
GG-18									1													
HH-1																						
HH-2										1	0.1											
HH-3																						
HH-4																						
SUBTOTALS	0	0	0	0	2	0	5	8.1	3	4	5.9	3.3	0	0	0	0	0	0	0	0	0	0

USE ON CONSTRUCTION