

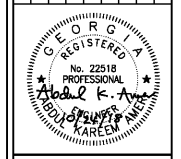


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UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	IMPERVIOUS AREA (sf)	IMPERVIOUS AREA (AC)	PERVIOUS AREA (sf)	PERVIOUS AREA (AC)	TOTAL AREA (sf)	TOTAL AREA (AC)	RUNOFF COEFFICIENT	STORM INTENSITY (IN/HR)	TIME OF CONC. (MIN)	Adjustment Factor	FLOW Q (CFS)			PIPE SIZE (IN)	PIPE LENGTH (FT)	PIPE MATERIAL	SLOPE (%)	INV. IN	OUT	MAX CAPACITY (CFS)	VELOCITY AT CAPACITY (FT/S)	PERCENT FULL	VELOCITY (FT/S)	HGL		GRATE		OPENING				
												25 Year	25 Year	25 Year											25 Year	UPSTREAM	DOWNSTREAM	Storm Event	Gutter Spread (feet)	Length	Width	Length	Height
A2 (MDI)	A1 (SES)	21400	0.49	36475	0.84	57875	1.33	0.65	8.45	5.00	1.10	8.04		8.04	18	121FT	RCP	1.06%	-	875.48	10.59	5.99	75.92%	5.34	875.51	875.34	25 Year	-	2.40	1.75	2.00	2.00	
B8 (TRENCH)	B7 (DI)	10434	0.24		0.00	10434	0.24	0.98	8.45	5.00	1.10	2.19		2.19	18	169FT	Smooth HDPE	1.50%	-	875.18	13.97	7.91	15.68%	3.17	876.18	873.74	25 Year	8.84	2.40	1.75	2.00	2.00	
B7 (DI)	B6 (DI)	9672	0.22	2315	0.05	11987	0.27	0.88	8.45	5.00	1.10	2.21		2.21	18	104FT	Smooth HDPE	1.50%	873.34	873.02	13.97	7.91	15.82%	4.05	873.74	872.24	25 Year	7.83	2.40	1.75	2.00	2.00	
B6 (DI)	B5 (HW)	10402	0.24		0.00	10402	0.24	0.98	8.45	5.00	1.10	2.19		4.38	18	78FT	Smooth	3.04%	871.46	871.36	19.89	11.26	22.02%	3.88	872.24	870.50	25 Year	11.96	2.40	1.75	2.00	2.00	
B4 (DI)	B3 (DI)	6215	0.14	5999	0.14	12214	0.28	0.72	8.45	5.00	1.10	1.87		6.25	18	94FT	Smooth HDPE	2.00%	-	877.14	16.14	9.13	38.72%	2.61	883.73	882.13	25 Year	8.84	2.40	1.75	2.00	2.00	
B3 (DI)	B2.5 (MH)	13372	0.31	13943	0.32	27315	0.63	0.71	8.45	5.00	1.10	4.16	0.00	18	114FT	Smooth HDPE	2.00%	885.54	885.44	16.14	9.13	64.50%	4.84	882.13	879.84	25 Year	29.62	2.40	1.75	2.00	2.00		
B2.5 (MH)	B2 (DI)		0.00		0.00	0	0.00	0.00	8.45	4.00	1.10	0.00		11.50	18	39FT	Smooth HDPE	2.00%	-	881.56	16.14	9.13	71.25%	4.82	879.84	879.16	24 Year	-	-	-	-	-	
B2 (DI)	B1 (HW)	16457	0.38	2218	0.05	18675	0.43	0.92	8.45	5.00	1.10	3.68		18	196FT	Smooth HDPE	4.60%	879.39	879.29	24.47	13.85	62.04%	5.60	879.16	870.50	25 Year	28.68	2.40	1.75	2.00	2.00		
C2 (OCS)	C1 (HW)	975	0.02	12776.00	0.29	13751	0.31	0.48	8.45	5.00	1.10	1.38		1.38	24	52FT	RCP	1.06%	-	869.00	23.35	7.43	5.91%	0.39	873.08	873.08	25 Year	-	-	-	-	-	

NO	REVISIONS	DATE
9	REVISED PER SPALDING CO COMMENTS	10/24/2018
7	REVISED PER SPALDING CO CITY OF GRIFFIN / RT INTERNAL COMMENTS	09/16/2018
6	REVISED PER FEEDBACK OF A	07/06/2018
5	REVISED SET DRAINAGE IN ROW PER GOOT COMMENTS	07/07/2018
4	REVISED SET PER SPALDING COUNTY PLAN REVIEW	12/12/2017
3	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	07/20/2017
2	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	07/20/2017
1	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	09/15/2017



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Storm Structure Details
 RACETRAC MARKET
 RaceTrac Griffin
 1638 US Hwy 41
 Spalding County

DATE	7-24-17
DRAWN-BY	JDE
CHECK-BY	AKA
DRAWING NAME	16-136
C-2.5	REV 9
SHEET NO.	REVISION