GEORGIA811
Utilities Protection Center, Inc.
Know what's below. Call before you dig.

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)	ADD FLOW, Q (CFS)	TOTAL Q (CFS)	PIPE SIZE (IN)	PIPE LENGTH (FT)	PIPE MATERIAL	SLOPE (%)	INV. IN	INV. OUT	MAX CAPACITY (CFS)	VELOCITY AT MAX CAPACITY (FT/S)	PERCENT FULL	VELOCITY (FT/S)	HGL		GRATE			OPENING	
																									25 Year						
		0.980	0.980	0.450	0.450				25 Year			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	[illegible]	-	[illegible]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.[illegible]	875.[illegible]	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.[illegible]	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 [illegible]	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	[illegible]	15	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		[illegible]	[illegible]	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		[illegible]	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	-	-	-	-	-

Order Plans @ WWW.LDILine.com

NO.	REVISIONS	DATE
9	REVISED PER SPALDING CO.COMMENTS	10/24/2018
7	REVISED PER SPALDING CO. / CITY OF GRIFFIN / RT INTERNAL COMMENTS	08/16/2018
6	REVISED PER FFE DROP OF 4"	07/06/2018
5	REVISED SET DRAINAGE IN R/W PER GDOT COMMENTS	12/[illegible]/17
4	REVISED SET PER SPALDING COUNTY PLAN REVIEW	12/07/2017
3	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	11/20/2017
2	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	10/20/2017
1	REVISED SET PER RT INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW	09/15/2017

GEORGIA REGISTERED No. 22518 PROFESSIONAL ENGINEER Abdul K. Aka

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2160 Kingston Court, Suite O
Marietta, GA 30067
(770) 690-9255
www.arengr.com

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RACETRAC PETROLEUM, INC.
200 GALLERIA PKWY, S.E.
SUITE 900 ATLANTA, GA 30339
(770) 431-7600

Storm Structure Details

RACETRAC MARKET

Race Trac 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