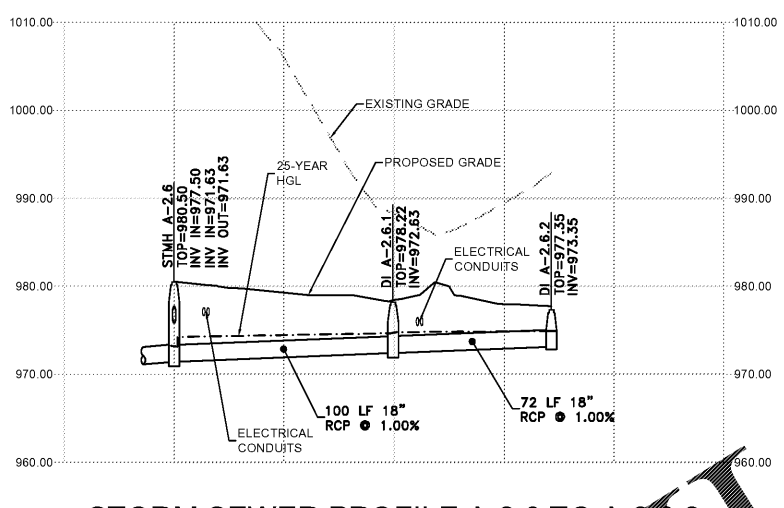


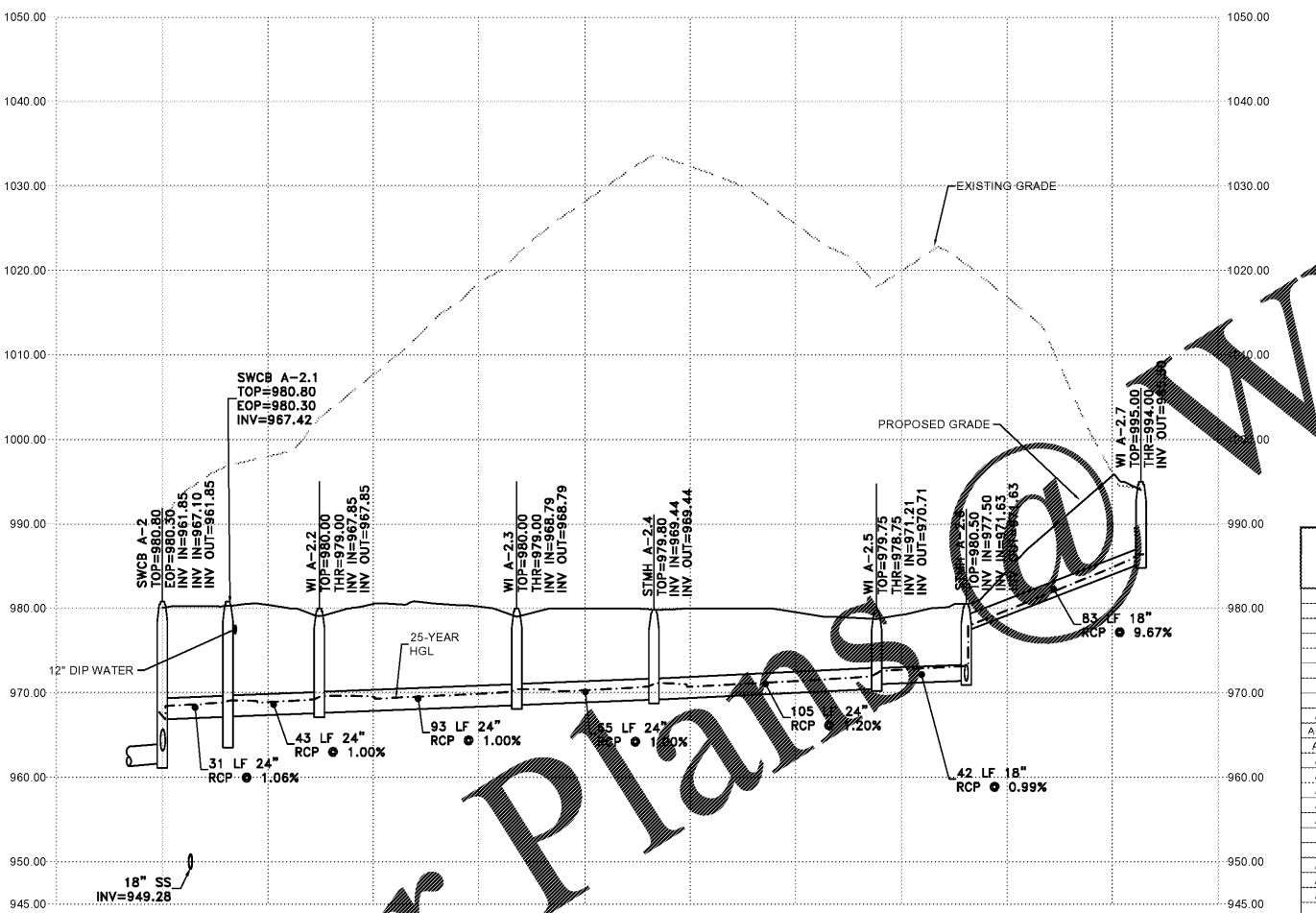
STORM SEWER PROFILE A-0 TO A-7



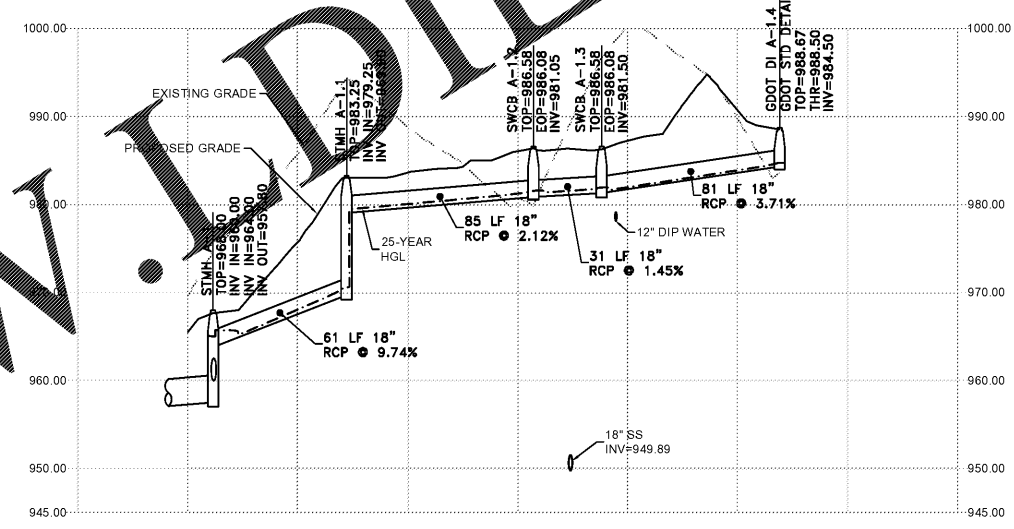
STORM SEWER PROFILE A-2.6 TO A-2.6.2

10 YEAR STORM GUTTER SPREAD

INLET	DRAINAGE AREA (Ac.)	GUTTER DEPTH (ft)	GUTTER SPREAD (ft)
SWCB A-1.2	0.04	0.12	1.4
SWCB A-1.3	0.04	0.17	3.7
SWCB A-2	0.05	0.13	1.7
SWCB A-2.1	0.44	0.23	6.4
SWCB A-3.1	0.35	0.24	7.3
SWCB A-4	0.07	0.18	4
SWCB A-5	0.10	0.18	4
SWCB A-6	0.26	0.23	1
DWCB B-1	0.31	0.13	6
DWCB B-0.1	0.25	0.25	6



STORM SEWER PROFILE A-2 TO A-2.7



STORM SEWER PROFILE A-1 TO A-1.4

25-YEAR STORM SEWER TABLE

LINE ID	UPSTREAM INLET	INLET DRAINAGE AREA (AC)	TOTAL AREA (AC)	INLET RUN/OFF COEFF (C)	INLET TIME (MIN)	System Flow Time (MIN)	FLOW RATE (CFS)	CAPACITY (CFS)	DIAMETER (IN)	MATERIAL	LINE LENGTH (FT)	LINE SLOPE (%)	AVERAGE VELOCITY (FPS)	UPSTREAM INVERT (FT)	DOWNSTREAM INVERT (FT)	UPSTREAM GROUND ELEVATION	DOWNSTREAM GROUND ELEVATION	UPSTREAM HGL ELEVATION	DOWNSTREAM HGL ELEVATION
A-1 TO A-4	DI A-7	0.30	0.30	0.95	5.00	5.00	1.39	76.80	18	RCP	73	6.52	8.31	970.50	969.00	976.34	975.15	970.97	969.86
A-4 TO A-5	SWCB A-6	0.26	0.46	0.88	5.00	5.00	3.49	15.82	18	RCP	108	2.27	7.19	969.00	966.55	976.50	969.71	969.49	969.49
A-5 TO A-4	SWCB A-5	0.10	0.56	0.71	5.00	5.30	4.05	10.70	18	RCP	59	1.04	2.29	966.55	966.00	976.50	969.39	969.31	969.31
A-4.1A TO A-4	SWCB A-4.1A	0.04	0.04	0.95	5.00	5.00	0.32	11.81	18	RCP	71	1.27	2.89	971.70	970.80	976.30	971.91	970.97	970.97
A-4 TO A-3	SWCB A-4	0.07	1.45	0.95	5.00	5.68	10.04	40.99	24	RCP	64	3.28	3.20	965.50	963.40	976.30	976.92	969.25	969.13
A-3 TO A-2	SWCB A-3.1	0.35	6.30	0.81	5.00	5.00	2.30	20.58	18	RCP	43	3.84	7.70	973.85	972.20	977.50	976.92	974.42	972.54
A-3 TO A-2	STMH A-3	...	1.80	...	5.00	6.02	17.18	27.75	24	RCP	105	1.50	3.88	963.40	961.85	976.92	980.30	969.06	968.77
A-2.7 TO A-2.6	WI A-2.7	1.89	1.89	0.85	5.00	5.00	5.52	32.61	18	RCP	83	9.64	13.73	985.50	977.50	994.00	980.50	986.41	972.92
A-2.6 TO A-2.6.1	Double DI A-2.6.2	0.84	0.84	0.67	5.00	5.00	4.35	10.50	18	RCP	72	1.00	2.46	973.35	972.63	977.35	978.27	974.93	974.81
A-2.6 TO A-2.6	DI A-2.6.1	0.46	1.30	0.68	5.00	5.49	6.86	10.50	18	RCP	100	1.00	3.88	972.63	971.63	978.27	980.50	974.68	974.26
A-2.6 TO A-2.5	STMH A-2.6	...	3.19	...	5.00	5.92	12.16	10.50	18	RCP	42	1.60	6.88	971.63	971.21	980.50	978.75	973.15	972.53
A-2.5 TO A-2.4	WI A-2.5	0.52	3.71	0.51	5.00	6.02	14.28	24.76	24	RCP	106	1.20	3.10	970.71	969.44	978.75	979.80	972.07	971.13
A-2.4 TO A-2.3	STMH A-2.4	...	3.71	...	5.00	6.24	14.19	22.62	24	RCP	65	1.00	7.60	968.44	968.79	979.80	979.00	970.80	970.44
A-2.3 TO A-2.2	WI A-2.3	0.36	4.07	0.37	5.00	6.38	15.20	22.74	24	RCP	93	1.01	7.75	968.79	967.85	979.00	979.00	970.70	969.63
A-2.2 TO A-2.1	WI A-2.2	0.34	4.41	0.36	5.00	6.58	16.09	23.62	24	RCP	43	1.00	7.82	967.85	967.42	979.00	980.30	967.70	968.10
A-2.1 TO A-2	SWCB A-2.1	0.44	4.85	0.49	5.00	6.67	17.76	22.98	24	RCP	31	1.03	8.07	967.42	967.10	980.30	980.30	968.34	968.45
A-2 TO A-1	SWCB A-2	0.05	6.70	0.95	5.00	6.73	30.04	47.48	24	RCP	42	4.40	9.56	961.85	960.00	980.30	980.00	966.83	966.09
A-1.4 TO A-1.3	GDOT DI A-1.4	0.56	0.56	0.38	5.00	5.00	1.78	20.21	18	RCP	81	3.70	7.04	984.50	981.50	988.50	986.08	982.00	982.18
A-1.3 TO A-1.2	SWCB A-1.3	0.22	0.68	0.79	5.00	5.19	2.55	12.66	18	RCP	31	1.45	5.61	981.50	981.05	986.08	986.08	982.11	981.81
A-1.2 TO A-1.1	SWCB A-1.2	0.04	0.72	0.95	5.00	5.28	2.86	15.79	18	RCP	85	2.12	6.63	981.05	979.25	986.08	983.25	981.69	979.69
A-1.1 TO A-1	STMH A-1.1	...	0.72	...	5.00	5.50	2.54	32.67	18	RCP	61	6.67	11.35	969.50	964.00	983.25	968.00	970.54	968.00
A-1 TO A-0	STMH A-1	...	7.42	...	5.00	6.81	32.72	31.99	24	RCP	40	2.00	10.41	957.80	957.00	968.00	960.50	965.84	965.00
B-3 TO B-2	STMH B-3	0.55	0.55	...	5.00	5.01	4.36	11.59	18	RCP	78	1.22	6.10	967.58	966.64	974.74	970.75	968.38	967.27
B-2 TO B-1	GDOT DI B-2	1.34	1.89	0.41	5.00	5.23	8.86	23.36	24	RCP	59	1.07	6.93	966.13	965.50	970.75	974.45	967.19	966.81
B-1 TO B-0	DWCB B-1	0.31	2.20	0.82	5.00	5.37	10.93	26.12	24	RCP	24	1.33	7.94	965.50	965.18	974.45	975.50	966.69	966.15
B-0.2 TO B-0.1	GDOT SES B-0.2	0.52	0.52	0.35	5.00	5.00	1.52	208.32	36	RCP	41	9.75	8.60	972.25	968.25	976.25	974.70	972.63	969.62
B-0.1 TO B-0.1.1	SWCB B-0.1.1	0.30	0.30	0.95	5.00	5.00	2.32	16.80	18	RCP	88	2.56	6.67	972.00	969.75	978.04	974.70	972.58	970.13
B-0.1 TO B-0	DWCB B-0.1	0.25	1.07	0.83	5.00	5.22	5.51	91.38	36	RCP	40	1.88	7.12	968.25	967.50	974.70	975.50	968.99	968.01

**Order Plans**

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ALL RCP PIPE JOINTS SHALL BE BELL & SPIGOT TYPE WITH A RUBBER GASKET CONFORMING TO ASTM C-443. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH AASHTO M-170 AND/OR ASTM C-76. CALSS OF PIPE AND WALL THICKNESS SHALL BE IN ACCORDANCE WITH 1030-D, GEORGIA DOT SPECIFICATION, TABLE NO. 1. INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 550 OF THE GEORGIA DOT SPECIFICATIONS, CONSTRUCTION OF TOADS AND BRIDGES.



Know what's below. Call before you dig.

**STORM SEWER PROFILES**

SCALE: (VERT) 1" = 10'  
(HORZ) 1" = 40'

02/28/18 06/29/18

JURISDICTIONAL COMMENTS

OWNER REVISIONS & JURISDICTIONAL COMMENTS

1 1

5

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2862 BUFORD HIGHWAY  
DUBLIN, GEORGIA 30098  
(770) 925-0357

REGISTERED PROFESSIONAL ENGINEER  
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STATE OF GEORGIA  
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DUBLIN, GA 30098  
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PROFILES

PEACHTREE CORNERS RACETRAC

5780 PEACHTREE PARKWAY  
PEACHTREE CORNERS, GEORGIA  
WINNETT COUNTY  
DIST. 6, LL 284, PARCELS: 6-284-16, 18, 40, 96

DRAWN-BY: RHF

DATE: 01/15/2018

SCALE: 1" = 40'

DRAWING NAME: 4607.00.dwg

SHEET NO. VERSION

C-8.3 1