

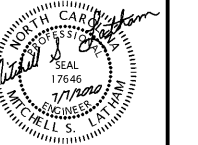
Dschedule

Line No.	Inlet ID	Gnd/Rim El Up (ft)	Drng Area (ac)	Total Area (ac)	Runoff Coeff (C)	i Inlet (in/hr)	i Sys (in/hr)	Flow Rate (cfs)	Invert Up (ft)	Invert Dn (ft)	Capac Full (cfs)	Line Size (in)	Line Length (ft)	Line Slope (%)	Vel Dn (ft/s)	Line ID
1	CB 8	738.03	0.04	0.67	0.80	7.03	6.42	3.44	733.03	733.00	17.48	24	5.902	0.51	1.1	Pipe 8
2	CB 7	737.28	0.20	0.63	0.80	7.03	6.62	3.33	733.49	733.23	17.32	24	5.813	0.50	1.06	Pipe 7
3	CB 6	739.00	0.03	0.43	0.80	7.03	6.89	2.37	734.35	733.69	17.30	24	132.33	0.50	0.76	Pipe 6
4	DI 5	740.00	0.16	0.40	0.80	7.03	6.95	2.22	734.00	733.25	17.25	24	46.366	0.50	3.78	Pipe 5
5	DI 4	740.00	0.24	0.24	0.80	7.03	7.03	1.35	735.24	733.98	17.30	24	52.085	0.50	3.27	Pipe 4
6	CB 2	737.26	0.11	0.33	0.80	7.03	5.69	1.50	733.18	733.00	17.25	24	36.328	0.50	0.48	Pipe 2
7	CB 1	740.00	0.22	0.22	0.80	7.03	7.03	1.24	734.17	733.98	17.32	24	158.037	0.50	0.39	Pipe 1
8	EX 60	733.53	0.00	0.00	0.00	0.00	0.00	10.00	727.88	727.73	210.38	60	23.000	0.85	0.79	Pipe 17
9	MH 15	737.00	0.00	0.43	0.00	7.03	7.01	2.41	728.41	728.29	57.43	30	6.119	1.96	7.29	Pipe 15
10	CB 14	737.00	0.43	0.43	0.80	7.03	7.03	2.42	729.82	729.66	6.42	15	16.201	0.99	4.86	Pipe 14
11	FES 10	737.22	1.07	1.07	0.80	7.03	7.03	6.02	735.50	729.50	21.56	15	63.154	9.50	5.19	Pipe 10

UNDERGROUND STORAGE DRAINAGE SCHEDULE

STRUCTURE	SUB-AREA	TOTAL C AREA	I C x I	Circle (ft)	INVERT ELEV.	D	PIPE SIZE	PIPE SLOPE	VELOCITY	
FROM E.O.P. TO ELEV.	TO AREA (AC)	AREA (AC)			UPPER LOWER CAPACITY (INCHES)	LENGTH (FEET)	(%)	FPS		
MH19	739.74 EW1				733.25	733.00	N/A	30	50.0	0.50
T1	EW2				733.25	733.00	N/A	30	50.0	0.50
T2	EW3				733.25	733.00	N/A	30	50.0	0.50
MH22	739.74 EW4				733.25	733.00	N/A	30	50.0	0.50

NOTE: HOPE TEE TO BE USED FOR T1 AND T2



JULY 7, 2020
DATE

ALBEMARLE ROAD
PARTNERS, LLC

568 JETTON STREET
SUITE 200
DAVIDSON, NC 28036
PH: 704-895-2084
watson@piedmontanddevelopment.com

ALBEMARLE ROAD SHOPS
8837 ALBEMARLE ROAD CHARLOTTE, NC 28227
STORM DRAINAGE PROFILES

REVISIONS

PROJECT NO.: 2019.13
SCALE: 1" = 20'
DRAWN BY: PAB
CHECKED BY: MSL

SHEET NO:

C6.0