

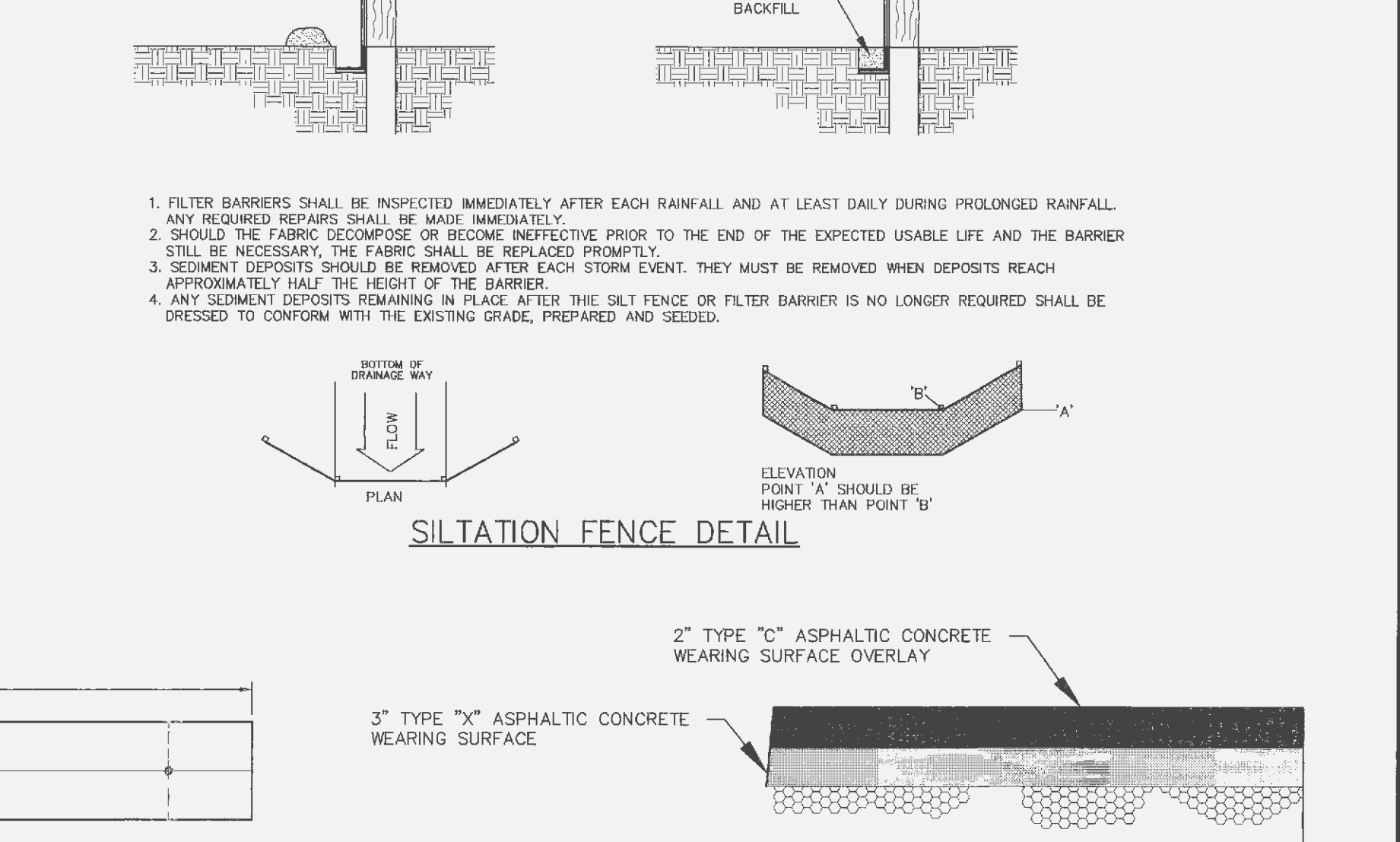
STORM SEWER PROFILES
SCALE: 1"=40' HORIZONTAL
1"=10' VERTICAL

STATION	PIPE	DIAMETER	LENGTH	UPPER ELEVATION	LOWER ELEVATION	PS	UPPER HY. EL.	DEPTH	UPPER HY. EL.	LOWER HY. EL.	HYDR. GRADE	FR. HEAD	VEL.	VEL. HEAD	TURB. LOSS	CURVE STR. LOSS	INTL. CAP.	OR. AREA	PI	Q	TQ	PIPE CAP.	REMARKS	
CI 204 PE 203	33	12	522.50	522.00	1.61	526.50	2.15	524.35	523.00	0.2140	0.67	6.63	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	5.21	4.51	1	HW=523.00
CI 202 GI 201	129	12	524.78	523.49	1.00	528.78	3.66	525.12*	524.49	0.0060	0.08	1.09	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.86	3.57	2	HW=523.00
CI 201 PE 200	40	12	523.29	522.00	1.20	528.40	4.79	528.61*	523.00	0.0070	0.07	1.88	0.06	0.06	0.01	0.00	0.00	0.00	0.00	0.00	1.48	6.37	3	HW=523.00
GI 206 GI 205	113	18	523.68	522.57	1.00	526.61	1.10	525.51	525.33	0.00110	0.12	1.95	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	3.44	10.51	4	
GI 205 EX 108	108	21	522.37	521.29	1.00	529.40	4.07	525.33	525.22	0.00080	0.09	1.90	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	4.58	15.86	5	
EX 108 EX 107	157	33	521.09	520.02	0.68	526.42	1.20	525.22	524.23	0.0450	0.70	4.40	0.30	0.28	0.01	0.00	0.00	0.00	0.00	0.00	10.59	13.09	6	
EX 107 EX 103	37	24	519.82	519.56	0.71	528.50	4.27	524.23	524.03	0.00330	0.12	4.13	0.27	0.05	0.03	0.00	0.00	0.00	0.00	0.00	12.98	19.09	7	
EX PE EX MH	11	36	527.74	527.13	3.48	0.00	0.00	530.59	530.13	0.00310	0.03	5.29	0.43	0.43	0.00	0.00	0.00	0.00	0.00	0.00	37.40	136.17	8	
EX MH EX 104	100	36	522.28	521.55	0.73	532.78	7.16	525.62	524.71	0.00310	0.31	5.29	0.43	0.30	0.30	0.00	0.00	0.00	0.00	0.00	37.40	56.95	9	
EX 104 EX 103	39	36	521.35	519.56	4.63	529.00	4.29	524.71	524.03	0.00310	0.12	5.29	0.43	0.28	0.28	0.00	0.00	0.00	0.00	0.00	37.40	143.50	10	
EX 103 EX 102	128	36	519.36	518.54	0.64	529.00	4.97	524.03	522.66	0.00570	0.73	7.13	0.79	0.45	0.19	0.00	0.00	0.00	0.00	0.00	50.38	53.45	11	
EX 102 EX 101	77	36	518.34	517.95	0.51	527.50	4.84	522.66	522.18	0.00390	0.45	7.22	0.81	0.52	0.52	0.00	0.00	0.00	0.00	0.00	51.07	147.45	12	
EX 101 EX 100	135	36	517.75	517.05	0.52	528.00	5.82	522.18	520.35	0.00590	0.79	7.22	0.81	0.52	0.52	0.00	0.00	0.00	0.00	0.00	51.07	48.02	13	
EX 100 EX CT	32	36	516.85	516.39	1.43	530.35	10.00	520.35	519.19	0.00610	0.19	7.35	0.84	0.50	0.47	0.00	0.00	0.00	0.00	0.00	51.93	79.82	14	HW=519.19

CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA
NOT TO SCALE



ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement	Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.86				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.63	14 X 23	41	3.42	5.94

