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REVISIONS	BY	REVISIONS	BY
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### DRAINAGE AREA CALCULATIONS

LINE NO.	FROM	TO	AREA	PERCENT	COEFFICIENT	CONVERTED	REMARKS
1	1	2	16.87	2.28	0.96	2.28	
2	2	3	1.41	0.18	0.93	1.41	
3	3	4	7.64	0.93	0.93	7.64	
4	4	5	13.08	1.51	0.93	13.08	
5	5	6	11.82	1.36	0.93	11.82	
6	6	7	12.50	1.45	0.93	12.50	
7	7	8	11.85	1.43	0.93	11.85	
8	8	9	20.29	2.42	0.93	20.29	
9	9	10	16.70	2.08	0.93	16.70	
10	10	11	8.41	1.06	0.93	8.41	
11	11	12	12.29	1.46	0.93	12.29	
12	12	13	10.49	1.07	0.93	10.49	
13	13	14	2.06	0.21	0.93	2.06	
14	14	15	3.35	0.38	0.93	3.35	
15	15	16	2.06	0.21	0.93	2.06	
16	16	17	0.88	0.10	0.93	0.88	
17	17	18	0.62	0.07	0.93	0.62	
18	18	19	8.62	0.88	0.93	8.62	
19	19	20	2.06	0.21	0.93	2.06	
20	20	21	2.06	0.21	0.93	2.06	
21	21	22	0.88	0.10	0.93	0.88	
22	22	23	0.88	0.10	0.93	0.88	
23	23	24	0.88	0.10	0.93	0.88	
24	24	25	3.85	1.31	0.93	3.85	
25	25	26	2.06	0.70	0.93	2.06	
26	26	27	5.82	0.66	0.93	5.82	
27	27	28	8.70	2.96	0.93	8.70	
28	28	29	2.68	0.91	0.93	2.68	
29	29	30	2.68	0.91	0.93	2.68	
30	30	31	3.35	1.27	0.93	3.35	
31	31	32	0.94	0.32	0.93	0.94	
32	32	33	1.41	0.48	0.93	1.41	
33	33	34	0.62	0.21	0.93	0.62	
34	34	35	0.62	0.21	0.93	0.62	

### RETENTION POND VOLUME ANALYSIS

LINE NO.	AREA	PERCENT	COEFFICIENT	VOLUME
1	16.87	2.28	0.96	16.87
2	1.41	0.18	0.93	1.41
3	7.64	0.93	0.93	7.64
4	13.08	1.51	0.93	13.08
5	11.82	1.36	0.93	11.82
6	12.50	1.45	0.93	12.50
7	11.85	1.43	0.93	11.85
8	20.29	2.42	0.93	20.29
9	16.70	2.08	0.93	16.70
10	8.41	1.06	0.93	8.41
11	12.29	1.46	0.93	12.29
12	10.49	1.07	0.93	10.49
13	2.06	0.21	0.93	2.06
14	3.35	0.38	0.93	3.35
15	2.06	0.21	0.93	2.06
16	0.88	0.10	0.93	0.88
17	0.62	0.07	0.93	0.62
18	8.62	0.88	0.93	8.62
19	2.06	0.21	0.93	2.06
20	2.06	0.21	0.93	2.06
21	0.88	0.10	0.93	0.88
22	0.88	0.10	0.93	0.88
23	0.88	0.10	0.93	0.88
24	3.85	1.31	0.93	3.85
25	2.06	0.70	0.93	2.06
26	5.82	0.66	0.93	5.82
27	8.70	2.96	0.93	8.70
28	2.68	0.91	0.93	2.68
29	2.68	0.91	0.93	2.68
30	3.35	1.27	0.93	3.35
31	0.94	0.32	0.93	0.94
32	1.41	0.48	0.93	1.41
33	0.62	0.21	0.93	0.62
34	0.62	0.21	0.93	0.62

### STORM SEWER SUMMARY

LINE NO.	FROM	TO	CONVERTED	TOTAL	PERCENT	REMARKS
1	1	2	2.28	2.28	0.96	
2	2	3	1.41	1.41	0.93	
3	3	4	7.64	7.64	0.93	
4	4	5	13.08	13.08	0.93	
5	5	6	11.82	11.82	0.93	
6	6	7	12.50	12.50	0.93	
7	7	8	11.85	11.85	0.93	
8	8	9	20.29	20.29	0.93	
9	9	10	16.70	16.70	0.93	
10	10	11	8.41	8.41	0.93	
11	11	12	12.29	12.29	0.93	
12	12	13	10.49	10.49	0.93	
13	13	14	2.06	2.06	0.93	
14	14	15	3.35	3.35	0.93	
15	15	16	2.06	2.06	0.93	
16	16	17	0.88	0.88	0.93	
17	17	18	0.62	0.62	0.93	
18	18	19	8.62	8.62	0.93	
19	19	20	2.06	2.06	0.93	
20	20	21	2.06	2.06	0.93	
21	21	22	0.88	0.88	0.93	
22	22	23	0.88	0.88	0.93	
23	23	24	0.88	0.88	0.93	
24	24	25	3.85	3.85	0.93	
25	25	26	2.06	2.06	0.93	
26	26	27	5.82	5.82	0.93	
27	27	28	8.70	8.70	0.93	
28	28	29	2.68	2.68	0.93	
29	29	30	2.68	2.68	0.93	
30	30	31	3.35	3.35	0.93	
31	31	32	0.94	0.94	0.93	
32	32	33	1.41	1.41	0.93	
33	33	34	0.62	0.62	0.93	
34	34	35	0.62	0.62	0.93	

### SAG CURB INLET CALCULATIONS

LINE NO.	AREA	PERCENT	COEFFICIENT	INLET
1	16.87	2.28	0.96	16.87
2	1.41	0.18	0.93	1.41
3	7.64	0.93	0.93	7.64
4	13.08	1.51	0.93	13.08
5	11.82	1.36	0.93	11.82
6	12.50	1.45	0.93	12.50
7	11.85	1.43	0.93	11.85
8	20.29	2.42	0.93	20.29
9	16.70	2.08	0.93	16.70
10	8.41	1.06	0.93	8.41
11	12.29	1.46	0.93	12.29
12	10.49	1.07	0.93	10.49
13	2.06	0.21	0.93	2.06
14	3.35	0.38	0.93	3.35
15	2.06	0.21	0.93	2.06
16	0.88	0.10	0.93	0.88
17	0.62	0.07	0.93	0.62
18	8.62	0.88	0.93	8.62
19	2.06	0.21	0.93	2.06
20	2.06	0.21	0.93	2.06
21	0.88	0.10	0.93	0.88
22	0.88	0.10	0.93	0.88
23	0.88	0.10	0.93	0.88
24	3.85	1.31	0.93	3.85
25	2.06	0.70	0.93	2.06
26	5.82	0.66	0.93	5.82
27	8.70	2.96	0.93	8.70
28	2.68	0.91	0.93	2.68
29	2.68	0.91	0.93	2.68
30	3.35	1.27	0.93	3.35
31	0.94	0.32	0.93	0.94
32	1.41	0.48	0.93	1.41
33	0.62	0.21	0.93	0.62
34	0.62	0.21	0.93	0.62

### GRATE INLET COMPUTATIONS

LINE NO.	AREA	PERCENT	COEFFICIENT	GRATE
1	16.87	2.28	0.96	16.87
2	1.41	0.18	0.93	1.41
3	7.64	0.93	0.93	7.64
4	13.08	1.51	0.93	13.08
5	11.82	1.36	0.93	11.82
6	12.50	1.45	0.93	12.50
7	11.85	1.43	0.93	11.85
8	20.29	2.42	0.93	20.29
9	16.70	2.08	0.93	16.70
10	8.41	1.06	0.93	8.41
11	12.29	1.46	0.93	12.29
12	10.49	1.07	0.93	10.49
13	2.06	0.21	0.93	2.06
14	3.35	0.38	0.93	3.35
15	2.06	0.21	0.93	2.06
16	0.88	0.10	0.93	0.88
17	0.62	0.07	0.93	0.62
18	8.62	0.88	0.93	8.62
19	2.06	0.21	0.93	2.06
20	2.06	0.21	0.93	2.06
21	0.88	0.10	0.93	0.88
22	0.88	0.10	0.93	0.88
23	0.88	0.10	0.93	0.88
24	3.85	1.31	0.93	3.85
25	2.06	0.70	0.93	2.06
26	5.82	0.66	0.93	5.82
27	8.70	2.96	0.93	8.70
28	2.68	0.91	0.93	2.68
29	2.68	0.91	0.93	2.68
30	3.35	1.27	0.93	3.35
31	0.94	0.32	0.93	0.94
32	1.41	0.48	0.93	1.41
33	0.62	0.21	0.93	0.62
34	0.62	0.21	0.93	0.62

### ON-GRADE CURB INLET CALCULATIONS

LINE NO.	AREA	PERCENT	COEFFICIENT	ON-GRADE
1	16.87	2.28	0.96	16.87
2	1.41	0.18	0.93	1.41
3	7.64	0.93	0.93	7.64
4	13.08	1.51	0.93	13.08
5	11.82	1.36	0.93	11.82
6	12.50	1.45	0.93	12.50
7	11.85	1.43	0.93	11.85
8	20.29	2.42	0.93	20.29
9	16.70	2.08	0.93	16.70
10	8.41	1.06	0.93	8.41
11	12.29	1.46	0.93	12.29
12	10.49	1.07	0.93	10.49
13	2.06	0.21	0.93	2.06
14	3.35	0.38	0.93	3.35
15	2.06	0.21	0.93	2.06
16	0.88	0.10	0.93	0.88
17	0.62	0.07	0.93	0.62
18	8.62	0.88	0.93	8.62
19	2.06	0.21	0.93	2.06
20	2.06	0.21	0.93	2.06
21	0.88	0.10	0.93	0.88
22	0.88	0.10	0.93	0.88
23	0.88	0.10	0.93	0.88
24	3.85	1.31	0.93	3.85
25	2.06	0.70	0.93	2.06
26	5.82	0.66	0.93	5.82
27	8.70	2.96	0.93	8.70
28	2.68	0.91	0.93	2.68
29	2.68	0.91	0.93	2.68
30	3.35	1.27	0.93	3.35
31	0.94	0.32	0.93	0.94
32	1.41	0.48	0.93	1.41
33	0.62	0.21	0.93	0.62
34	0.62	0.21	0.93	0.62

### LEGEND

- EXISTING CONTOURS (1' INTERVAL)
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (1' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- ELEVATION
- CONCRETE
- REINFORCED CONCRETE PIPE
- POLYMER DRAINAGE PIPE
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED 4" PVC FRENCH DRAIN
- DRAINAGE DIRECTION ARROW
- DRAINAGE AREA NUMBER
- DRAINAGE AREA IN ACRES
- 100-YEAR STORM FLOW IN CFS

TOTAL DEVELOPMENT : 34.416 ACRES