



AREA	ACRES	EX-C	EX-I	EX-FLOW	DEV-C	DEV-I	DEV-FLOW
1	1.31	0.35	8.30	3.81	0.50	9.80	6.42
2	0.77	0.35	8.30	2.24	0.50	9.80	3.77
3	1.16	0.35	8.30	3.37	0.50	9.80	5.68
4	1.14	0.35	8.30	3.31	0.50	9.80	5.59
4A	0.87	0.35	8.30	2.53	0.50	9.80	4.26
5	0.33	0.35	8.30	0.96	0.50	9.80	1.62
6	0.11	0.35	8.30	0.32	0.50	9.80	0.54
7	0.47	0.35	8.30	1.37	0.50	9.80	2.30
8	0.27	0.35	8.30	0.78	0.50	9.80	1.32
9	1.23	0.35	8.30	3.57	0.50	9.80	6.03
10	0.97	0.35	8.30	2.82	0.50	9.80	4.75
11	0.93	0.35	8.30	2.70	0.50	9.80	4.56
12	0.50	0.35	8.30	1.45	0.50	9.80	2.45
13	1.95	0.35	8.30	5.66	0.50	9.80	9.56
14	1.15	0.35	8.30	3.34	0.50	9.80	5.64
15	0.13	0.35	8.30	0.38	0.50	9.80	0.64
16	0.81	0.35	8.30	2.35	0.50	9.80	3.97
17	0.28	0.35	8.30	0.81	0.50	9.80	1.37
18	0.08	0.35	8.30	0.23	0.50	9.80	0.39
19	0.14	0.35	8.30	0.41	0.50	9.80	0.69
20	1.12	0.35	8.30	3.25	0.50	9.80	5.49
21	0.34	0.35	8.30	0.99	0.50	9.80	1.67
22	1.39	0.35	8.30	4.04	0.50	9.80	6.81
23	0.38	0.35	8.30	1.10	0.50	9.80	1.86
24	1.48	0.35	8.30	4.30	0.50	9.80	7.25
25	1.36	0.35	8.30	3.95	0.50	9.80	6.66
26	1.18	0.35	8.30	3.43	0.50	9.80	5.78
27	0.51	0.35	8.30	1.48	0.50	9.80	2.50
28	0.08	0.35	8.30	0.23	0.50	9.80	0.39
29	1.28	0.35	8.30	3.72	0.50	9.80	6.27
29A	0.05	0.35	8.30	0.15	0.50	9.80	0.25
30	0.26	0.35	8.30	0.76	0.50	9.80	1.27
30A	0.08	0.35	8.30	0.23	0.50	9.80	0.39
31	0.69	0.35	8.30	2.00	0.50	9.80	3.38
32	1.45	0.35	8.30	4.21	0.50	9.80	7.11
33	1.16	0.35	8.30	3.37	0.50	9.80	5.68
34	0.29	0.35	8.30	0.84	0.50	9.80	1.42
35	1.08	0.35	8.30	3.14	0.50	9.80	5.29
36	0.55	0.35	8.30	1.60	0.50	9.80	2.70
37	1.90	0.35	8.30	5.52	0.50	9.80	9.31
38	0.65	0.35	8.30	1.89	0.50	9.80	3.19
39	0.48	0.35	8.30	1.39	0.50	9.80	2.35
40	1.50	0.35	8.30	4.36	0.50	9.80	7.35
41	0.35	0.35	8.30	1.02	0.50	9.80	1.72
41a	0.15	0.35	8.30	0.44	0.50	9.80	0.74
42	0.13	0.35	8.30	0.38	0.50	9.80	0.64
43	0.23	0.35	8.30	0.67	0.50	9.80	1.13
44	0.37	0.35	8.30	1.07	0.50	9.80	1.81
45	1.20	0.35	8.30	3.49	0.50	9.80	5.88
46	0.99	0.35	8.30	2.88	0.50	9.80	4.85
46A	0.17	0.35	8.30	0.49	0.50	9.80	0.83
47	0.22	0.35	8.30	0.64	0.50	9.80	1.08
48	1.44	0.35	8.30	4.18	0.50	9.80	7.06
49	0.50	0.35	8.30	1.45	0.50	9.80	2.45
50	0.48	0.35	8.30	1.39	0.50	9.80	2.35
51	1.04	0.35	8.30	3.02	0.50	9.80	5.10
52	0.27	0.35	8.30	0.78	0.50	9.80	1.32
53	0.38	0.35	8.30	1.10	0.50	9.80	1.86
54	0.35	0.35	8.30	1.02	0.50	9.80	1.72
55	0.31	0.35	8.30	0.90	0.50	9.80	1.54
56	0.35	0.35	8.30	1.02	0.50	9.80	1.72

INLET CHART

DESIGN FREQ=100 YR, TIME TC=10MIN, INTEN(I)=9.80, DEV. RUNOFF(C)=0.50 :Q=C*I*A, C*I=0.50*9.80=4.90, Q=4.90*A

INLET No.	AREAS	DESIGN FREQ.	TIME TC	INTEN I	DEV. RUNOFF C	DRAIN AREA	DEV Q	BYPASS FROM INLET	TOTAL Q	GUTTER SLOPE %	GUTTER CAP CFS	CROWN TYPE	INLET LENGTH	Y0 INLET	CAP. INLET	BYPASS TO NEXT INLET
1	4A	100	10	9.80	0.50	0.87	4.26		4.26	1.25	25.00	PARA.	10	0.50	6.50	
2	4	100	10	9.80	0.50	1.14	5.59		5.59	1.25	25.00	PARA.	10	0.50	6.50	
3	3	100	10	9.80	0.50	1.16	5.68		5.68	0.53	18.00	PARA.	10	0.50	7.00	
4	20	100	10	9.80	0.50	1.12	5.49		5.49	3.83	40.00	PARA.	10	0.50	5.50	
5	5,19,27,28,29A	100	10	9.80	0.50	1.11	5.44		5.44	5.33	40.00	PARA.	10	0.50	4.90	0.54
6	29	100	10	9.80	0.50	1.28	6.27		6.27	0.51	18.00	PARA.	10	0.50	7.00	
7	30	100	10	9.80	0.50	0.26	1.27		1.27	4.07	32.00	PARA.	5	0.50	2.50	
8	9	100	10	9.80	0.50	1.23	6.03		6.03	0.99	24.00	PARA.	10	0.50	6.50	
9	12,15	100	10	9.80	0.50	0.63	3.09		3.09	3.36-1.85	40.00	SAG	10	0.50	10.50	
10	10,11,52	100	10	9.80	0.50	2.17	10.63		10.63	3.36-1.85	40.00	SAG	10	0.50	21.00	
11	21,22	100	10	9.80	0.50	1.73	8.48		8.48	2.92	23.00	INV	15	0.50	9.50	
12	53	100	10	9.80	0.50	0.38	1.86		1.86	2.58	25.00	PARA.	5	0.50	2.50	
13	23,24,30A	100	10	9.80	0.50	1.94	9.51		9.51	2.58	25.00	PARA.	15	0.50	9.60	
14	37,38	100	10	9.80	0.50	2.55	12.50		12.50	5.84	40.00	PARA.	20 REC	0.50	12.50	
15	36	100	10	9.80	0.50	0.55	2.70		2.70	5.84	40.00	PARA.	10 REC	0.50	5.50	
16	40,41	100	10	9.80	0.50	1.85	9.07		9.07	5.32	40.00	PARA.	15	0.50	8.50	0.57
17	6,7,17,18,33	100	10	9.80	0.50	2.1	10.29	0.54	10.83	8.00	40.00	PARA.	20 REC	0.50	12.00	
18	8,31,46A	100	10	9.80	0.50	1.13	5.54		5.54	1.05	22.00	PARA.	10.00	0.50	7.00	
19	41A,47	100	10	9.80	0.50	0.37	1.81	0.57	2.38	1.05,5.32	22.00	PARA.	5 SAG	0.50	11.00	
20	34,35	100	10	9.80	0.50	1.37	6.71		6.71	7.35	42.00	PARA.	15.00	0.50	8.50	
21	45	100	10	9.80	0.50	1.2	5.88		5.88	3.21	28.00	PARA.	15.00	0.50	11.50	
22	42,44,50,51	100	10	9.80	0.50	2.02	9.90		9.90	1.05,5.32	22.00	PARA.	10 SAG	0.50	21.00	
23	43,54,56	100	10	9.80	0.50	0.93	4.56		4.56	1.05	22.00	PARA.	10	0.50	7.00	



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DRAINAGE AREA MAP
LAKEVIEW SUMMIT
PHASE IV
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

REVISION
W.L.D. CHECKED
K.E.B. DRAWN
10/3 DATE
9919-4-DAM PROJECT
5.0 OF