

INLET CHART

INLET No.	DRAIN AREA SERVED	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	YO INLET	CAP. INLET	BYPASS TO NEXT INLET
1	4	100	10	9.80	0.50	1.22	5.98		5.98	5.99	50.00	PARA.	12	0.50	7.00	
2	51	100	10	9.80	0.50	0.61	2.99		2.99	2.93	40.00	PARA.	10 REC.	0.50	6.00	
3	52	100	10	9.80	0.50	1.20	5.88		5.88	2.93	40.00	PARA.	10 REC.	0.50	6.00	
4	53,54	100	10	9.80	0.50	0.76	3.72		3.72	2.20	35.00	INV	4 GRATE	0.50	2.67	1.05
4-A	9	100	10	9.80	0.50	0.73	3.56	1.05	4.61	2.93	40.00	PARA.	5'	0.50	2.70	1.91
5	55	100	10	9.80	0.50	0.76	3.72		3.72	2.20	35.00	PARA.	10' REC.	0.50	6.00	
6	94	100	10	9.80	0.50	0.84	4.12		4.12	2.87	40.00	PARA.	10 REC.	0.50	6.00	
8	56	100	10	9.80	0.50	1.15	5.64		5.64	3.95	45.00	PARA.	12' REC	0.50	7.00	
9	57,58	100	10	9.80	0.50	2.57	12.59		12.59	3.95	45.00	PARA.	2-12 REC	0.50	14.00	
10	59,60	100	10	9.80	0.50	1.48	7.25		7.25	4.40	16.00	INV	4 GRATE	0.50	5.27	1.98
11	BYPASS	100	10	9.80	0.50		0.00	1.98	1.98	4.90	16.00	INV	4 GRATE	0.50	1.88	0.10
12	62	100	10	9.80	0.50	0.73	3.58		3.58	1.47	27.00	PARA.	8	0.50	5.00	
13	62-A	100	10	9.80	0.50	0.60	2.94		2.94	2.62	30.00	PARA.	10	0.50	5.50	
14	61,95,96	100	10	9.80	0.50	1.31	6.42	0.10	6.52	2.62	30.00	PARA.	15	0.50	7.50	
19	67	100	10	9.80	0.50	0.62	3.04		3.04	1.56	28.00	PARA.	8	0.50	4.20	
20	66	100	10	9.80	0.50	0.59	2.89		2.89	1.56	28.00	PARA.	8	0.50	4.20	
21A	72,71A,71	100	10	9.80	0.50	0.59	2.89		2.89	1.56	28.00	PARA.	8	0.50	4.20	
	70,69,68,65	100	10	9.80	0.50	2.33	11.42		11.42	1.56	28.00	PARA.	10	0.50	7.50	3.92
21	79,80,81	100	10	9.80	0.50	1.63	7.98		7.98	2.25	34.00	PARA.	10	0.50	6.00	1.98
22	64	100	10	9.80	0.50	1.15	5.64		5.64	2.25	34.00	PARA.	12	0.50	5.50	0.13
24	77,75	100	10	9.80	0.50	1.12	5.48		5.48	2.07	10.50	INV	4 GRATE	0.50	4.08	1.10
26	76-A	100	10	9.80	0.50	0.84	4.12		4.12	7.17	60.00	PARA.	10' REC	0.50	4.80	
30	82	100	10	9.80	0.50	1.42	6.96		6.96	6.47	50.00	PARA.	15' REC	0.50	7.50	
31	83	100	10	9.80	0.50	0.98	4.80		4.80	6.47	50.00	PARA.	12 REC	0.50	6.00	
32	86	100	10	9.80	0.50	0.43	2.11		2.11	0.66	19.00	PARA.	5	0.50	2.70	
33	85	100	10	9.80	0.50	0.17	0.83		0.83	0.66	19.00	PARA.	5	0.50	2.70	
35	88,35A	100	10	9.80	0.50	2.02	9.90		9.90				3X3 DROP	0.50	12.00	
39	89,89A	100	10	9.80	0.50	1.14	5.89	5.59	11.18	3.61	45.00	PARA.	15	0.50	7.50	3.68
40	78,87,92	100	10	9.80	0.50	1.84	9.02	1.98	11.00	3.61	45.00	PARA.	15	0.50	7.50	3.50
41	72A,73A,73,															
	74,76A,76	100	10	9.80	0.50	2.67	13.15		13.15	6.42	48.00	PARA.	15	0.50	7.50	5.65
42	90,91,41a	100	10	9.80	0.50	3.93	19.26		22.76	0.80	20.00	PARA.	10' SAG	0.50	20.00	
43	41	100	10	9.80	0.50	1.24	6.08	5.65	11.67	0.80	20.00	PARA.	10' SAG	0.50	20.00	
44	91a	100	10	9.80	0.50	0.57	2.79	3.5	6.29	0.80	20.00	PARA.	10' CURB	0.50	6.50	

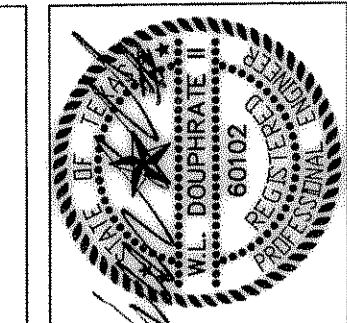
THIS WAS ACCOUNTED FOR IN PHASE ONE

DRAINAGE TABLE

AREA	ACRES	C	I-100	Q-100
2	1.17	0.5	9.8	5.73
3	0.99	0.5	9.8	4.85
4	1.22	0.5	9.8	5.98
4-A	1.25	0.5	9.8	6.13
6	1.59	0.5	9.8	7.79
9	0.73	0.5	9.8	3.56
9A	0.18	0.5	9.8	0.88
10	0.66	0.5	9.8	3.23
19	0.34	0.5	9.8	1.67
23	0.85	0.5	9.8	4.17
24	0.73	0.5	9.8	3.58
25	0.28	0.5	9.8	1.37
25-A	0.46	0.5	9.8	2.25
34	0.31	0.5	9.8	1.52
35	0.13	0.5	9.8	0.64
35-A	1.41	0.5	9.8	6.91
38	0.17	0.5	9.8	0.83
39	0.74	0.5	9.8	3.63
41	1.24	0.5	9.8	6.08
41-A	0.55	0.5	9.8	2.70
51	0.61	0.5	9.8	2.99
52	1.2	0.5	9.8	5.88
53	0.08	0.5	9.8	0.39
54	0.68	0.5	9.8	3.33
55	0.42	0.5	9.8	2.06
56	1.15	0.5	9.8	5.64
57	1.22	0.5	9.8	5.98
58	1.35	0.5	9.8	6.62
59	0.18	0.5	9.8	0.88
60	1.3	0.5	9.8	6.37
61	0.63	0.5	9.8	3.09
62	0.6	0.5	9.8	2.94
62-A	0.73	0.5	9.8	3.58
63	2.85	0.5	9.8	13.97
64	1.15	0.5	9.8	5.64
65	0.62	0.5	9.8	3.04
66	0.59	0.5	9.8	2.89
67	0.62	0.5	9.8	3.04
68	0.05	0.5	9.8	0.25
69	0.32	0.5	9.8	1.57
70	0.37	0.5	9.8	1.81
71	0.64	0.5	9.8	3.14
71-A	0.04	0.5	9.8	0.20
72	0.29	0.5	9.8	1.42
72-A	0.46	0.5	9.8	2.25
73	0.24	0.5	9.8	1.18
73-A	0.07	0.5	9.8	0.34
74	0.24	0.5	9.8	1.18
75	0.6	0.5	9.8	2.94
76	0.76	0.5	9.8	3.72
76-A	0.84	0.5	9.8	4.12
77	0.62	0.5	9.8	3.04
78	1.14	0.5	9.8	5.59
79	0.96	0.5	9.8	4.70
80	0.18	0.5	9.8	0.88
81	0.49	0.5	9.8	2.40
82	1.42	0.5	9.8	6.96
83	0.98	0.5	9.8	4.80
84	0.62	0.5	9.8	3.04
85	0.17	0.5	9.8	0.83
86	0.43	0.5	9.8	2.11
87	0.36	0.5	9.8	1.76
88	0.61	0.5	9.8	2.99
89	1.44	0.5	9.8	7.06
91a	.57	0.5	9.8	2.79
90	1.98	0.5	9.8	9.70
91	0.83	0.5	9.8	4.07
92	0.34	0.5	9.8	1.67
93	2.96	0.5	9.8	14.50
94	0.84	0.5	9.8	4.12
95	0.08	0.5	9.8	0.39
96	0.6	0.5	9.8	2.94
97	20.26	0.5	9.8	99.27

RECORD DRAWINGS:

THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THESE FACILITIES ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OF ROCKWALL. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY OF ROCKWALL INSPECTED THE CONSTRUCTION. THE OWNER NOR ENGINEER DID NOT VERIFY LINES OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED 4/18/02



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STORM CALCULATIONS
LAKEVIEW SUMMIT, PHASE 1-A
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

REVISION
W.L.D. CHECKED
K.E.B. DRAWN
8/21/00 DATE
9919-1ADAM PROJECT