

INLET No.	DRAIN AREA SERVED	DESIGN FREQ.	TIME TC	INTEN I	DEV. RUNOFF C	DRAIN DEV. AREA Q	BYPASS FROM INLET	TOTAL Q	GUTTER SLORE %	GUTTER CAP GFS	CROWN TYPE	INLET LENGTH	YO INLET	CAP. INLET	BYPASS TO NEXT INLET	
1	3.34	100	10	9.80	0.50	1.03	5.05	5.05	4.76	32.00	INV	10	0.50	5.05	0.05	
2	13	100	10	9.80	0.50	0.57	2.79	4.55	7.34	28.80	PARA	10	0.50	5.20	2.14	
3	2	100	10	9.80	0.50	2.95	14.45	14.45	1.83	25.00	PARA	(2-10)	0.50	11.00	3.45	
4	1	100	10	9.80	0.50	1.59	7.81	7.81	1.83	25.00	PARA	(2-10)	0.50	5.50	2.31	
5	15A	100	10	9.80	0.50	0.11	0.54	7.90	8.44	2.29	30.00	PARA	(2-10)	0.50	11.00	
6	14,15,16	100	10	9.80	0.50	1.02	5.00	5.00	2.29	30.00	PARA	10	0.50	5.50		
7	10,44,48	100	10	9.80	0.50	1.70	8.33	8.33	0.85	12.50	PARA	10	0.50	6.50	1.83	
8	43	100	10	9.80	0.50	0.94	4.61	4.61	6.40	45.00	PARA	10' REC	0.50	4.80		
9	42	100	10	9.80	0.50	0.93	4.58	4.58	6.40	45.00	PARA	10' REC	0.50	4.80		
10	40,41	100	10	9.80	0.50	1.51	7.40	1.83	9.23	0.65	12.50	PARA	10	0.50	6.40	2.83
11	38	100	10	9.80	0.50	1.89	9.28	9.28	2.59	28.00	PARA	(2-10)	0.50	10.40		
12	36	100	10	9.80	0.50	0.88	4.31	4.31	2.59	28.00	PARA	10	0.50	5.20		
13	38	100	10	9.80	0.50	0.22	1.08	2.83	3.91	3.77	40.00	PARA	10	0.50	5.00	
14	11,45	100	10	9.80	0.50	1.14	5.59	5.59	3.77	40.00	PARA	10	0.50	5.00	0.99	
15	46	100	10	9.80	0.50	0.94	4.61	0.59	5.20	0.50	12.50	PARA	10'	0.50	6.50	
16	33,37	100	10	9.80	0.50	2.23	10.93	10.93	4.87	32.00	INV	10-SAG	0.50	21.00		

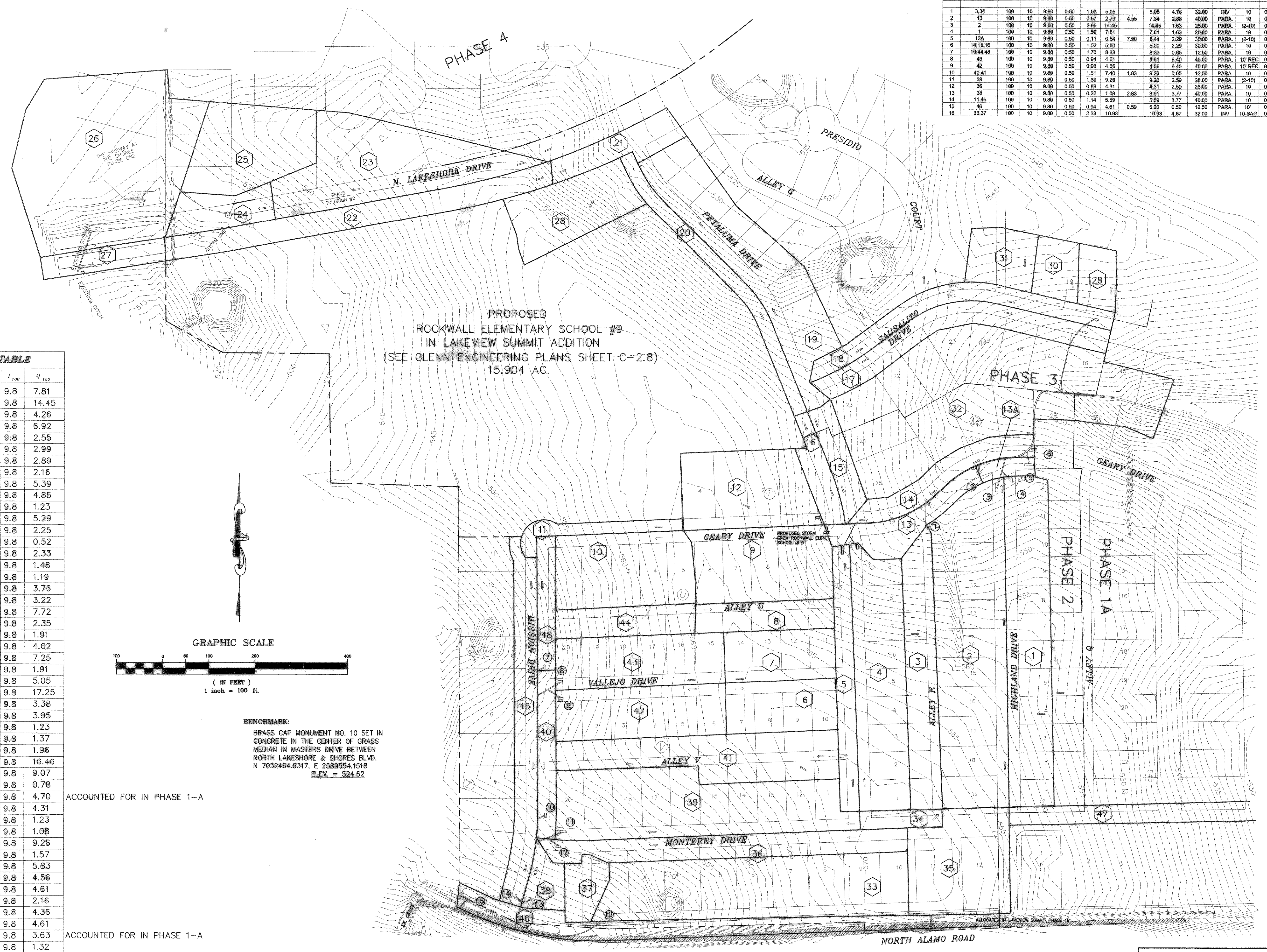
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRAITE II TEXAS P.E. NO. 60102 ON 11/2/03

DOUPHRAITE & ASSOCIATES, INC.
 ENGINEERING - PROJECT MANAGEMENT - SURVEYING
 2835 RIDGE RD., # 200 ROCKWALL, TEXAS 75087
 PHONE: (972)771-9004 FAX: (972)771-9005

DRAINAGE AREA MAP
STORM WATER POLLUTION PREVENTION PLAN
LAKEVIEW SUMMIT, PHASE 2
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS

REVISION:
 - REVISIONS PER CITY COMMENTS 2/5/02

W.L.D.
 CHECKED
 K.E.B.
 DRAWN
 01/02
 DATE
 9919-2DAM
 PROJECT



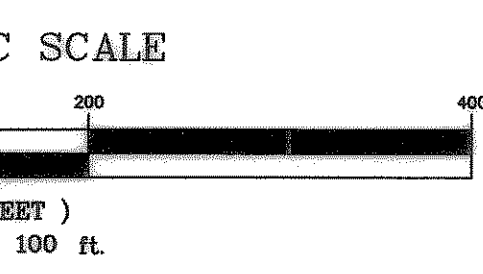
PROPOSED
 ROCKWALL ELEMENTARY SCHOOL #9
 IN LAKEVIEW SUMMIT ADDITION
 (SEE GLENN ENGINEERING PLANS SHEET C-2.8)
 15.904 AC.

DRAINAGE TABLE

AREA	ACRS	C	I ₁₀₀	Q ₁₀₀
1	1.593	0.5	9.8	7.81
2	2.949	0.5	9.8	14.45
3	0.87	0.5	9.8	4.26
4	1.413	0.5	9.8	6.92
5	0.52	0.5	9.8	2.55
6	0.61	0.5	9.8	2.99
7	0.59	0.5	9.8	2.89
8	0.440	0.5	9.8	2.16
9	1.10	0.5	9.8	5.39
10	0.990	0.5	9.8	4.85
11	0.25	0.5	9.8	1.23
12	1.08	0.5	9.8	5.29
13	0.570	0.5	9.8	2.25
13A	0.11	0.5	9.8	0.52
14	0.475	0.5	9.8	2.33
15	0.302	0.5	9.8	1.48
16	0.243	0.5	9.8	1.19
17	0.767	0.5	9.8	3.76
18	0.658	0.5	9.8	3.22
19	1.576	0.5	9.8	7.72
20	0.48	0.5	9.8	2.35
21	0.39	0.5	9.8	1.91
22	0.82	0.5	9.8	4.02
23	1.48	0.5	9.8	7.25
24	0.39	0.5	9.8	1.91
25	1.03	0.5	9.8	5.05
26	3.52	0.5	9.8	17.25
27	0.69	0.5	9.8	3.38
28	0.807	0.5	9.8	3.95
29	0.25	0.5	9.8	1.23
30	0.28	0.5	9.8	1.37
31	0.40	0.5	9.8	1.96
32	3.36	0.5	9.8	16.46
33	1.98	0.5	9.8	9.07
34	0.16	0.5	9.8	0.78
35	0.96	0.5	9.8	4.70
36	0.88	0.5	9.8	4.31
37	0.25	0.5	9.8	1.23
38	0.22	0.5	9.8	1.08
39	1.89	0.5	9.8	9.26
40	0.32	0.5	9.8	1.57
41	1.19	0.5	9.8	5.83
42	0.93	0.5	9.8	4.56
43	0.94	0.5	9.8	4.61
44	0.44	0.5	9.8	2.16
45	0.89	0.5	9.8	4.36
46	0.94	0.5	9.8	4.61
47	0.74	0.5	9.8	3.63
48	0.27	0.5	9.8	1.32

ACCOUNTED FOR IN PHASE 1-A

ACCOUNTED FOR IN PHASE 1-A



BENCHMARK:
 BRASS CAP MONUMENT NO. 10 SET IN CONCRETE IN THE CENTER OF GRASS MEDIAN IN MASTERS DRIVE BETWEEN NORTH LAKESHORE & SHORES BLVD. N 7032464.6317, E 2589554.1518 ELEV. = 524.62

REVISED TO CONFORM TO CONSTRUCTION RECORDS.
 DATE: 1/6/03