

ON-SITE DRAINAGE

No.	Design Storm Frequency (yrs.)	AREA RUNOFF				"Q" (c.f.s.)
		Time of Conc. (min.)	Intensity (in./hr.)	Runoff Coeff. "c"	Area (ac.)	
1	3	4	5	6	7	8
1A	100	10	9.8	0.50	0.59	2.89
1B	100	10	9.8	0.50	1.15	5.64
1C	100	10	9.8	0.50	0.96	4.70
1D	100	10	9.8	0.50	1.68	8.23
1E	100	10	9.8	0.50	2.73	13.38
1F	100	10	9.8	0.50	0.86	4.21
1G	100	10	9.8	0.50	1.80	8.82
1H	100	10	9.8	0.50	1.04	5.10
1I	100	10	9.8	0.50	1.44	7.06
2A	100	10	9.8	0.50	1.40	6.86
2B	100	10	9.8	0.50	0.77	3.77
2C	100	10	9.8	0.63	2.39	14.75
2D	100	10	9.8	0.75	1.68	12.35
3A	100	10	9.8	0.50	1.81	8.87
3B	100	10	9.8	0.50	0.96	4.70
3C	100	10	9.8	0.50	1.85	9.07
4A	100	10	9.8	0.50	1.59	7.79
4B	100	10	9.8	0.50	0.61	2.99
4C	100	10	9.8	0.50	1.67	8.18
4D	100	10	9.8	0.50	1.85	9.07
4E	100	10	9.8	0.50	1.27	6.22
5A	100	10	9.8	0.50	1.68	8.23
5B	100	10	9.8	0.50	1.91	9.36
5C	100	10	9.8	0.50	0.91	4.46
5D	100	10	9.8	0.50	2.46	12.05
6A	100	10	9.8	0.50	1.08	5.29
6B	100	10	9.8	0.50	2.71	13.28
6C	100	10	9.8	0.50	2.22	10.88
7A	100	10	9.8	0.50	1.73	8.48
7B	100	10	9.8	0.50	0.39	1.91
7C	100	10	9.8	0.50	2.19	10.73
7D	100	10	9.8	0.50	2.61	12.79
8A	100	10	9.8	0.50	2.38	11.66
8B	100	10	9.8	0.50	2.93	18.18
8C	100	10	9.8	0.50	0.42	2.06
8D	100	10	9.8	0.50	1.60	7.84
12A	100	10	9.8	0.50	1.65	8.09
12B	100	10	9.8	0.50	1.15	5.64
12C	100	10	9.8	0.50	1.48	7.25
12D	100	10	9.8	0.50	2.10	10.29
X	100	10	9.8	0.50	1.01	4.95
Y	100	10	9.8	0.50	0.78	3.82

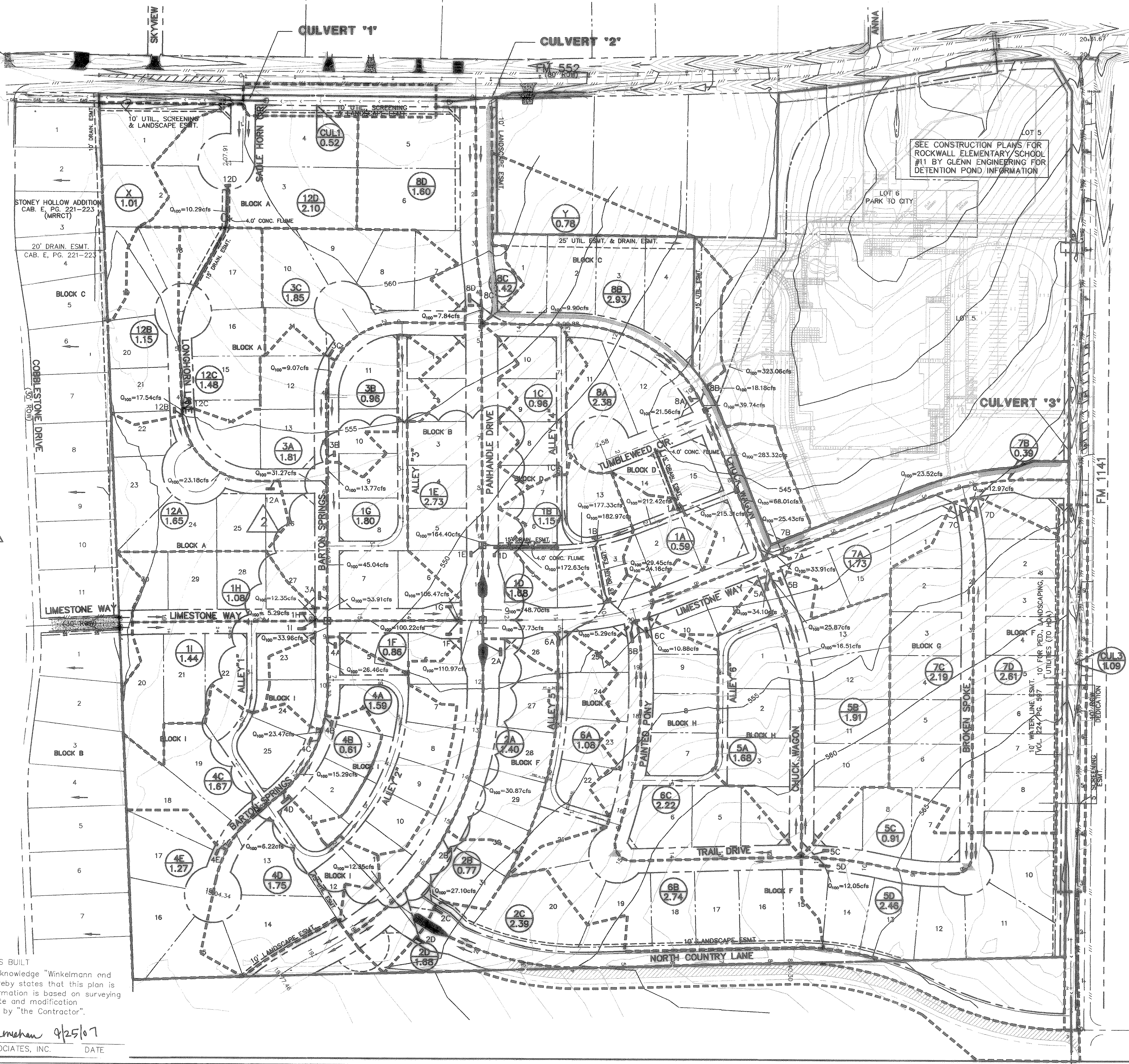
DRAINAGE TRIBUTARY "X" IS DRAINING TOWARDS EXIST INLET LOCATED WITH IN DRAINAGE ESMT. CAB. E. PG. 221-223
 DRAINAGE TRIBUTARY "Y" IS DRAINING TOWARDS PROP INLET 8B

BENCHMARK 1 USGS Monument-stamped Boren 1986
 Located approximately 1.25 miles east of Rockwall at the Rockwall Municipal Airport, in the north end of a circular grass area at the end of a taxiway.
 ELEVATION = 574.77

BENCHMARK 2 USGS Monument-5" cap stamped N 1495/1986
 Located 24.6 feet west of the center of a paved road leading to the Rockwall Municipal Airport, 16.4 feet south of a utility pole with a transformer and light, 2 feet west of the north leg of a sign. Access to datum point is through a 5 inch logo cap.
 ELEVATION = 567.44

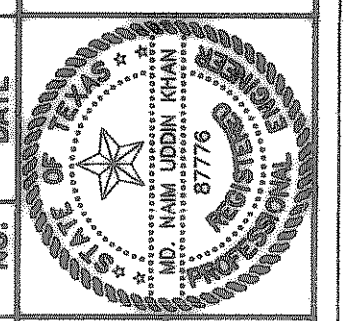
To the best of our knowledge "Winkelmann and Associates, Inc." hereby states that this plan is "As-Built". The information is based on surveying conducted at the site and modification information provided by "the Contractor".

M. Namuddin Khan 9/25/07
 WINKELMANN & ASSOCIATES, INC. DATE



SEE CONSTRUCTION PLANS FOR ROCKWALL ELEMENTARY SCHOOL #11 BY GLENN ENGINEERING FOR DETENTION POND INFORMATION

REVISION	NO.	DATE	APPROVAL
REVISED DRAINAGE AREA		5-31-07	



THESE CONSTRUCTION PLANS WERE PREPARED UNDER THE RESPONSIBLE SUPERVISION OF M. NAMUDDIN KHAN, REGISTERED PROFESSIONAL ENGINEER NO. 87776.

M. Namuddin Khan 5/31/07

JOHN M. GLASS SURVEY ABSTRACT No. 88
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS

D. B. HORTON
 4308 MILLER ROAD, SUITE A
 ROWLETT, TEXAS 75088
 214-607-4244

DRAINAGE AREA MAP

Scale : H. 1"=100' Date : 09/11/06
 Designed By : IT
 Drawn By : RS
 Checked By : NK
 File : 40709DAM.dwg View :
 Project No. : 40709.00