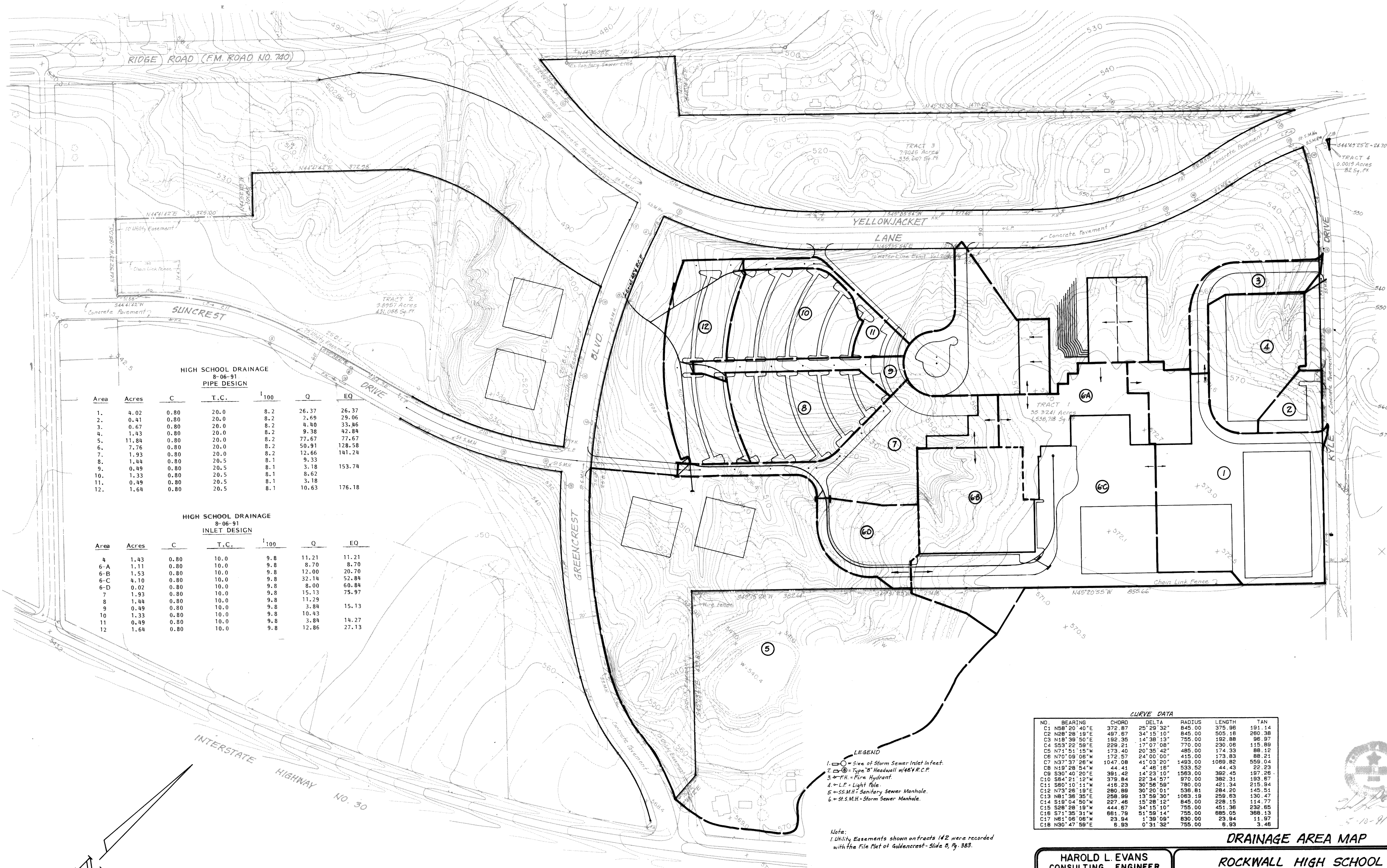




HIGH SCHOOL DRAINAGE
8-06-91
PIPE DESIGN

Area	Acres	C	T.C.	I ₁₀₀	Q	EQ
1.	4.02	0.80	20.0	8.2	26.37	26.37
2.	0.41	0.80	20.0	8.2	2.69	29.06
3.	0.67	0.80	20.0	8.2	4.40	33.46
4.	1.43	0.80	20.0	8.2	9.38	42.84
5.	11.84	0.80	20.0	8.2	77.67	77.67
6.	7.76	0.80	20.0	8.2	50.91	128.58
7.	1.93	0.80	20.0	8.2	12.66	141.24
8.	1.44	0.80	20.5	8.1	9.33	
9.	0.49	0.80	20.5	8.1	3.18	153.74
10.	1.33	0.80	20.5	8.1	8.62	
11.	0.49	0.80	20.5	8.1	3.18	
12.	1.64	0.80	20.5	8.1	10.63	176.18

HIGH SCHOOL DRAINAGE
8-06-91
INLET DESIGN

Area	Acres	C	T.C.	I ₁₀₀	Q	EQ
4	1.43	0.80	10.0	9.8	11.21	11.21
6-A	1.11	0.80	10.0	9.8	8.70	8.70
6-B	1.53	0.80	10.0	9.8	12.00	20.70
6-C	4.10	0.80	10.0	9.8	32.14	52.84
6-D	0.02	0.80	10.0	9.8	8.00	60.84
7	1.93	0.80	10.0	9.8	15.13	75.97
8	1.44	0.80	10.0	9.8	11.29	
9	0.49	0.80	10.0	9.8	3.84	15.13
10	1.33	0.80	10.0	9.8	10.43	14.27
11	0.49	0.80	10.0	9.8	3.84	27.13
12	1.64	0.80	10.0	9.8	12.86	

- LEGEND
- 1. Size of Storm Sewer Inlet Insect.
 - 2. Type "B" Headwall w/48" R.C.P.
 - 3. F.H. = Fire Hydrant.
 - 4. Light Pole.
 - 5. S.S.M.H. = Sanitary Sewer Manhole.
 - 6. S.S.M.H. = Storm Sewer Manhole.

Note:
1. Utility Easements shown on tracts 1 & 2 were recorded with the File Plat of Goldencrest - Slide 9, Pg. 383.

CURVE DATA					
NO.	BEARING	CHORD	DELTA	RADIUS	LENGTH
C1	N88°20'40"E	372.87	25°29'32"	845.00	375.96
C2	N28°28'19"E	497.87	34°15'10"	845.00	505.16
C3	N18°38'50"E	192.35	14°38'13"	755.00	192.88
C4	S53°22'59"E	229.21	17°07'08"	770.00	230.06
C5	N71°51'15"W	173.40	20°35'42"	485.00	174.33
C6	N70°09'06"W	172.57	24°00'00"	415.00	173.83
C7	N37°37'26"W	1047.08	41°03'20"	1483.00	1069.82
C8	N19°28'54"W	44.41	4°48'18"	533.52	44.43
C9	S30°40'20"E	391.42	14°23'10"	1583.00	392.45
C10	S84°21'12"W	379.84	22°34'57"	970.00	382.31
C11	S60°10'11"W	416.23	30°58'59"	780.00	421.34
C12	N73°26'18"E	280.89	30°20'01"	536.81	284.20
C13	N81°36'35"E	258.99	13°59'30"	1083.19	259.63
C14	S18°04'50"W	227.48	15°28'12"	845.00	228.15
C15	S28°28'18"W	444.67	34°15'10"	755.00	451.36
C16	S71°35'31"W	661.78	51°59'14"	755.00	685.05
C17	N61°06'06"W	23.94	1°38'09"	830.00	23.94
C18	N30°47'59"E	6.93	0°31'32"	755.00	6.93

DRAINAGE AREA MAP

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CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS