

DRAINAGE DATA

D.A. No.	Area Acres	TC Min.	C <sub>18</sub>	I <sub>5</sub> in/hr	Q <sub>5</sub> cfs	Q <sub>5</sub> Cumul.	Size Inlet
1	2.02	10	0.80	6.6	10.89	10.89	15"
2	1.05	10	0.80	6.6	5.55	16.24	Grate Inlet
3	0.30	10	0.80	6.6	1.60	1.60	---
4	0.61	10	0.80	6.6	3.22	4.82	---
5	1.58	10	0.80	6.6	7.29	12.11	---
6	0.58	10	0.80	6.6	3.06	15.17	---
7	0.44	10	0.80	6.6	2.32	17.49	---
8	0.83	10	0.80	6.6	4.38	21.87	---
9	2.06	10	0.80	6.6	10.98	10.98	15"
10	1.59	10	0.80	6.6	8.40	19.38	15"
11	0.87	10	0.80	6.6	3.01	22.39	5"
12	3.10	10	0.80	6.6	16.37	45.80	15"
13	2.20	10	0.80	6.6	11.62	11.62	15"
14	1.78	10	0.80	6.6	9.45	21.07	15"
15	1.61	10	0.80	6.6	8.50	8.50	15"
16	0.82	10	0.80	6.6	4.35	4.35	EXISTING PIPE
17	3.97	10	0.80	6.6	20.98	33.81	15"
18	0.40	10	0.80	6.6	2.11	2.11	Note 1
19	0.31	10	0.80	6.6	1.65	3.76	"
20	0.21	10	0.80	6.6	1.10	4.86	"
21	0.07	10	0.80	6.6	0.37	5.23	"
22	0.22	10	0.80	6.6	1.18	6.41	"
23	0.12	10	0.80	6.6	0.63	7.04	"

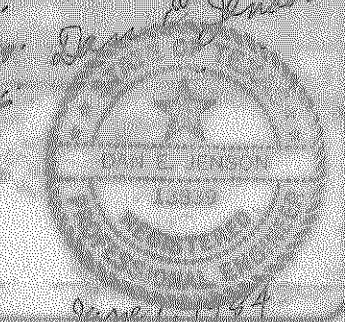
Note 1: Flow by roof drains to 15" storm drain to be extended in front of buildings.  
 \* 22.39 + 7.04 (total of D.A. 18 to 22) = 29.43  
 2. See sheet 3 for Entrance Drive Culvert PL Elevations

**AS BUILT**

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**DRAINAGE AREA MAP**  
 CARLISLE PLAZA ADDITION  
 CITY OF ROCKWALL  
 ROCKWALL COUNTY, TEXAS



SCALE: 1" = 30'  
 DATE: 8-30-84  
 JOB NO: 83107

Less T. Sand Knop

Storm Center  
 $\Delta = 20'00''$   
 $R = 67'00''$   
 $T = 17'95''$   
 $L = 39'08''$

Revised 12-8-84: Stationing of Lines  
 "A" thru "G"  
 Revised 11-20-84: Remove M.H.  
 From Line "A"

Revised 7-24-84: Change d. Top Elev. of Some Inlets.  
 Revised 8-16-84  
 Revised 7/10/84: Change Inlet Elevations