



GENERAL NOTES
 1. Drainage basin limits are approximate. Actual limits for drainage calculations were delineated on larger scale topo maps. Limits shown this map are indication of general area only.

Designation	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH
* AREA	8.66	6.12	5.30	6.00	1.86	6.67	14.83	4.32	1.27	3.01	1.88	3.05	0.35	0.32	0.86	1.70	1.90	4.04	2.94	0.28	0.55	0.37	0.37	0.30	0.39	0.32	0.35	0.23	0.39	0.37	0.39	0.22	0.51	0.65
** Q ₁₀	60.7	52.9	38.2	43.2	13.4	48.0	106.8	31.1	9.1	21.7	12.5	22.0	2.6	2.6	2.1	4.1	4.6	19.5	21.2	2.0	4.0	2.6	2.6	2.2	2.8	2.3	2.6	1.7	2.8	2.6	2.6	1.6	3.7	4.7
Q ₂₅	70.6	38.3	44.4	30.2	15.5	55.8	124.2	36.2	10.6	25.2	15.7	25.6	3.0	3.0	2.4	4.8	5.3	22.7	24.6	2.3	4.7	3.1	3.1	2.5	3.3	2.7	3.0	2.0	3.3	3.1	3.0	1.9	4.3	5.5
Q ₁₀₀	88.1	47.5	35.3	62.6	19.4	68.6	154.9	45.1	13.2	31.4	19.6	31.9	3.7	3.7	3.0	6.0	6.6	28.3	30.7	2.9	5.8	3.8	3.8	3.1	4.1	3.4	3.7	2.4	4.1	3.8	3.7	2.3	5.3	6.8
Total CA	7.59	4.77	4.77	5.4	1.67	6.00	13.35	3.09	1.14	2.71	1.69	2.75	0.32	0.29	0.26	0.52	0.57	2.44	2.65	0.25	0.50	0.33	0.33	0.27	0.35	0.29	0.32	0.21	0.35	0.33	0.35	0.20	0.46	0.59

* AREA IN ACRES
 ** Q = c.f.s.

DRAINAGE DESIGN CRITERIA
 Use Rational Formula

$$Q = CIA$$

[Source: THD Tech. paper 40]

C = 0.90 pavement
 = 0.70 Commercial
 = 0.30 grass
 = 0.85 apartment
 A = Area

$$I = \frac{b}{(t+d)^e} \quad (\text{from THD Hydraulic Manual})$$

I₁₀ = 8.0 b = 78, d = 8.7, e = 0.777
 I₂₅ = 9.3 b = 90, d = 8.7, e = 0.774
 I₁₀₀ = 11.6 b = 106, d = 8.3, e = 0.762

STORM FREQUENCY DESIGN
 Inlets - 10 yr.
 Storm Sewers - 25 yr.
 Culverts - 100 yr.

LEGEND

- Drainage Basin Limits
- Storm Drainage Inlets
- Contours
- General Direction of Flow

"AS BUILT"

No.	Revision	By	Date
CITY OF ADDISON DALLAS COUNTY, TEXAS QUORUM DRIVE			
DRAINAGE MAP			
GINN, INC. Consulting Engineers Dallas, Texas			
Designed - CF	Drawn - CF	Date - MAY, 1964	Job No. - J-203
Approved - HWG	Checked - HWG	Scale - 1" = 200'	Sheet 16 OF 38