

DRAINAGE CHART

DRAINAGE AREA	DRAINAGE AREA (acres)	C	t _c (mins)	I ₁₀₀ (in/hr)	Q ₁₀₀ (cfs)	COMMENTS
A	0.38	0.9	10	8.74	3.0	GRATE INLET
A-1a	0.37	0.9	10	8.74	2.9	STUBOUT
A-1b	0.39	0.9	10	8.74	3.1	GRATE INLET
A-2	0.33	0.9	10	8.74	2.6	GRATE INLET
B-1	0.18	0.9	10	8.74	1.4	GRATE INLET
B-2	0.07	0.9	10	8.74	0.6	CURB INLET
C	0.38	0.9	10	8.74	3.0	GRATE INLET
C-1	0.26	0.9	10	8.74	2.0	GRATE INLET
C-1a	0.36	0.9	10	8.74	2.8	GRATE INLET
C-2	0.27	0.9	10	8.74	2.1	GRATE INLET
C-3	0.18	0.9	10	8.74	1.4	GRATE INLET
C-4	0.09	0.9	10	8.74	0.7	CURB INLET
D	0.19	0.9	10	8.74	1.5	GRATE INLET
D-1	0.37	0.9	10	8.74	2.9	GRATE INLET
D-2	0.29	0.9	10	8.74	2.3	GRATE INLET
D-3	0.39	0.9	10	8.74	3.1	GRATE INLET
D-4	0.26	0.9	10	8.74	2.0	CURB INLET
D-5	0.34	0.9	10	8.74	2.7	STUBOUT
E	0.24	0.9	10	8.74	1.9	GRATE INLET
E-1	0.41	0.9	10	8.74	3.2	STUBOUT
E-2	0.34	0.9	10	8.74	2.7	GRATE INLET
F	0.34	0.9	10	8.74	2.7	GRATE INLET
F-1	0.13	0.9	10	8.74	1.0	GRATE INLET
G	0.18	0.9	10	8.74	1.4	GRATE INLET
G-2	0.30	0.9	10	8.74	2.4	CURB INLET
G-3	0.19	0.9	10	8.74	1.5	CURB INLET
G-4	1.02	0.9	10	8.74	8.0	STUBOUT
G-5	0.25	0.9	10	8.74	2.0	CURB INLET
G-6	0.14	0.9	10	8.74	1.1	CURB INLET
H	0.33	0.9	10	8.74	2.6	SHEET FLOW
I	0.18	0.9	10	8.74	1.4	SHEET FLOW
J	0.28	0.9	10	8.74	2.2	SHEET FLOW
K	0.33	0.9	10	8.74	2.6	SHEET FLOW
L	0.29	0.9	10	8.74	2.3	SHEET FLOW

LEGEND

- - - Existing Contour
- Existing Spot Elevation
- - - Proposed Contour
- (20.0) Proposed Spot Elevation
- Flow Arrow
- - - Existing Curb
- - - Proposed Curb
- XXXXXXX Existing Storm Sewer Line
- ==== Proposed Storm Sewer Line
- Drainage Divide Line

DRAINAGE CRITERIA

- Q = C I A
- C = 0.90
- I₁₀₀ = 8.74 in/hr
- t_c = 10 min.
- (X) Drainage Area Number
- (X.XX) Acres
- (X.X) Q₁₀₀ (cfs)

BENCHMARK:
 "D" CUT ON EAST SIDE OF 6" INLET NORTH SIDE OF MORRIS AVENUE, 200' +/- EAST OF THE CENTERLINE OF QUORUM DRIVE.
 ELEVATION: 616.41

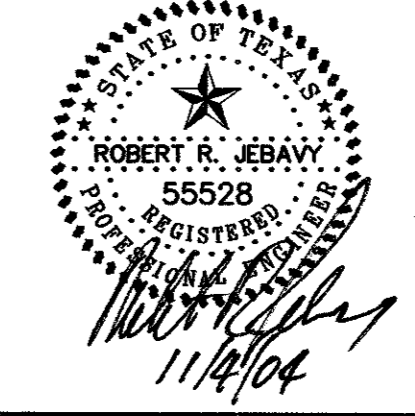
DRAINAGE AREA MAP
 PARKVIEW AT ADDISON CIRCLE
 TOWN OF ADDISON, TEXAS
 DALLAS COUNTY

BROCKETTE · DAVIS · DRAKE, inc.
 consulting engineers
 Civil & Structural Engineering · Surveying
 4144 North Central Expressway, Suite 1100 Dallas, Texas 75204
 (214)824-3647, fax (214) 824-7064

DESIGNED	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RRJ	BDD	4/04	1"=40'	BDD	C03393	C4

AS-BUILT
 NOVEMBER 4, 2004

NOTE: THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY CONTRACTOR.



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TXU ELECTRIC COMPANY ESMT.
 VOL. 2000036, PG. 2913