



RUNOFF CALCULATIONS							
DRAINAGE AREA	AREA (ACRES)	Tc (Minutes)	C	I ₂₅ (in/hr)	I ₁₀₀ (in/hr)	Q ₂₅ (cfs)	Q ₁₀₀ (cfs)
1	0.50	10	0.8	7.29	8.74	2.92	3.50
2	0.41	10	0.8	7.29	8.74	2.39	2.87
3	0.80	10	0.8	7.29	8.74	4.67	5.59
4	3.36	10	0.8	7.29	8.74	19.60	23.49
5	1.45	10	0.8	7.29	8.74	8.46	10.14
6	1.37	10	0.8	7.29	8.74	7.99	9.58
7	0.54	10	0.8	7.29	8.74	3.15	3.78
8	0.68	10	0.8	7.29	8.74	3.97	4.75
9	2.46	10	0.8	7.29	8.74	14.35	17.20
10	0.46	10	0.8	7.29	8.74	2.68	3.22
11	0.25	10	0.8	7.29	8.74	1.46	1.75
12	0.34	10	0.8	7.29	8.74	1.98	2.38
13	0.62	10	0.8	7.29	8.74	3.62	4.34
14	0.55	10	0.8	7.29	8.74	3.21	3.85
15	0.59	10	0.8	7.29	8.74	3.44	4.13
16	0.53	10	0.8	7.29	8.74	3.09	3.71
17	0.36	10	0.8	7.29	8.74	2.10	2.52
18	0.48	10	0.8	7.29	8.74	2.80	3.36
19	0.82	10	0.8	7.29	8.74	4.78	5.73
20	0.25	10	0.8	7.29	8.74	1.46	1.75
21	15.7	10	0.8	7.29	8.74	91.56	109.77

LEGEND

- PROPOSED DRAINAGE DIVIDE
- 1 WATERSHED DESIGNATION NUMBER
- 5.74 EXPECTED QUANTITY IN CUBIC FEET PER SECOND

RECORD DRAWING

THIS DRAWING HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT.

CONTRACTOR: HILL & WILKINSON
DATE REVISED: 05/04/01

REVISED 05/04/01
REVISED 10/11/00



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Pacheco Koch Consulting Engineers
9401 LBJ FREEWAY SUITE 300 DALLAS, TEXAS 75243 972.235.3031

DRAINAGE AREA MAP						
ADDISON OFFICE / WAREHOUSE COMPLEX						
LOTS 1 & 2, BLOCK A						
WESTGROVE/BENT TREE PLAZA ADDITION						
TOWN OF ADDISON, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
CJE	JLM	JULY 26, 2000	1"=60'			C4.1

PROJECT NO.: 9958
PREPARED BY: JLM
CHECKED BY: CJE
DATE: 7/26/00
REVISIONS:
SHEET NO. & TITLE: **C4.1**
AREA MAP
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DALLAS
MALLEN
HARLINGEN
703 McKinney Avenue, Suite 401
Dallas, TX 75202-0527
214-871-0818
Faxes: 214-871-0818
Web Page: www.rofdw.com

ADDISON TECH CENTER
OFFICE / FLEX / WAREHOUSE PROJECT
ADDISON, TEXAS
FR DEVELOPMENT SERVICES, INC.

RIKE
ODDEN
FIGUEROA
DICKSON
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PLC