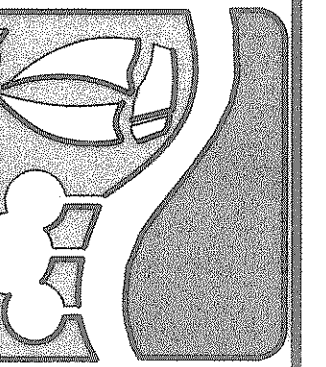


DRAINAGE AREA CALCULATIONS

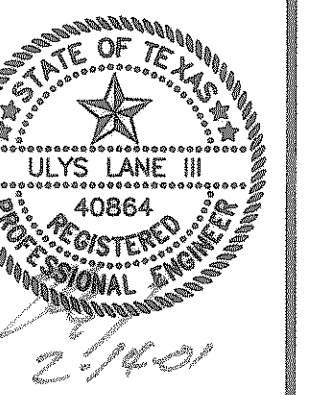
		C 0.30	C 0.50	C 0.75	C 0.70	C 0.80	C 0.80				I (In./Hr.)	Q (cfs)	
DRAINAGE AREA	TOTAL AREA	PARKS, OPEN SPACE & FLOOD PLAIN	SINGLE FAMILY RESIDENTIAL	MULTI FAMILY RESIDENTIAL	INDUSTRIAL	SCHOOL	BUSINESS & STREET R.O.W.	C x A	t _c (min.)		100 YEAR STORM	100 YEAR STORM	REMARKS
K-1	1.61					1.46	0.15	1.29	10		9.80	12.6	UNDETAINED
K-2	1.82					1.53	0.29	1.46	10		9.80	14.3	UNDETAINED
K-3	3.23					3.23		2.58	10		9.80	25.3	UNDETAINED
K-4	1.74					0.62	1.12	1.39	10		9.80	13.6	UNDETAINED
K-5	0.36						0.36	0.29	10		9.80	2.8	UNDETAINED
K-6	1.94						1.94	1.55	10		9.80	15.2	UNDETAINED
K-6.1	1.55						1.55	1.24	10		9.80	12.2	UNDETAINED
K-7	2.05						2.05	1.64	10		9.80	16.1	UNDETAINED
K-8	13.11						13.11	10.49	10		9.80	102.8	UNDETAINED
K-9	2.77						2.77	2.22	10		9.80	21.8	UNDETAINED
K-9.1	0.97						0.97	0.78	10		9.80	7.6	UNDETAINED
L-1	19.75						19.75	15.80	10		9.80	154.8	UNDETAINED
L-2	19.80						19.80	15.84	10.4		9.73	154.1	UNDETAINED
L-3	0.66						0.66	0.53	10		9.80	5.2	UNDETAINED
L-4	0.87						0.87	0.70	10		9.80	6.9	UNDETAINED
L-4.1	2.43						2.43	1.94	10		9.80	19.0	UNDETAINED
L-4.2	1.55						1.55	1.24	10		9.80	12.2	UNDETAINED
L-5	2.50						2.50	2.00	10		9.80	19.6	UNDETAINED
L-6	2.29						2.29	1.83	10		9.80	17.9	UNDETAINED
L-6.1	1.17						1.17	0.94	10		9.80	9.2	UNDETAINED
M-1	39.63	1.79	7.54				30.30	28.55	16.1		8.71	248.7	UNDETAINED
M-2	17.93						17.93	14.34	10		9.80	140.5	UNDETAINED
M-3	0.79						0.79	0.63	10		9.80	6.2	UNDETAINED
M-4	2.23						2.23	1.78	10		9.80	17.4	UNDETAINED
M-4.1	2.09						2.09	1.67	10		9.80	16.4	UNDETAINED
M-4.2	0.91						0.91	0.73	10		9.80	7.2	UNDETAINED
M-4.3	1.50						1.50	1.20	10		9.80	11.8	UNDETAINED
M-4.4	0.05						0.05	0.04	10		9.80	0.4	UNDETAINED
M-4.5	0.82						0.82	0.66	10		9.80	6.5	UNDETAINED
N-1	8.70						8.70	6.96	10		9.80	68.2	UNDETAINED
N-2	8.02						8.02	6.42	13.1		9.25	59.4	UNDETAINED
N-2.1	3.46						3.46	2.77	10		9.80	27.1	UNDETAINED
N-2.2	0.32						0.32	0.26	10		9.80	2.5	UNDETAINED
N-2.3	0.75						0.75	0.60	10		9.80	5.9	UNDETAINED
D.P. 1	45.06	0.00	0.00	0.00	0.00	0.00	45.06	36.05	19.7		8.07	290.9	UNDETAINED
D.P. 2	57.56	1.79	7.54	0.00	0.00	0.00	48.23	42.89	21.7		7.74	332.0	UNDETAINED
D.P. 3	13.11	9.57	0.00	0.00	0.00	0.00	3.54	5.70	10		9.80	55.9	EXIST. CONDITION

TIME 14:11 FILE: DACALC2B.dwg

WIA WIER & ASSOCIATES, INC.
 ENGINEERS SURVEYORS LAND PLANNERS
 4300 BELTWAY PLACE SUITE 130 ARLINGTON, TEXAS 76018 METRO (817)467-7700
 4108 AMON CARTER BLDG. SUITE 200 FORT WORTH, TEXAS 76155 METRO (817)355-9437



DRAINAGE AREA CALCULATIONS



COPYRIGHT © WIER & ASSOCIATES, INC.
 LAST SHEET EDIT DATE 01-23-2001
 WA# 97087
SHEET NO. 17

RECORD PLANS
 12-17-2002