

INLET CALCULATION CHART

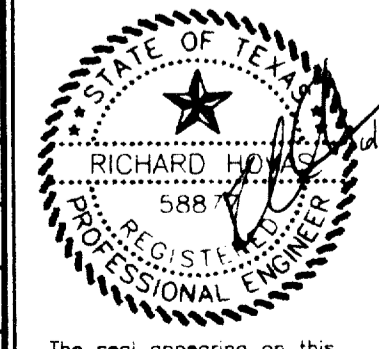
INLET NO.	DRAINAGE AREA (ACRES)	DESIGN FREQ. (YEARS)	TC (IN)	INTENSITY (IN./HR.)	RUNOFF COEFF.	AREA (ACRES)	"Q" (C.F.S.)	UPSTREAM INLET FLOW (C.F.S.)	TOTAL GUTTER FLOW (C.F.S.)	R.O.W. & GUTTER WIDTH (FEET)	GUTTER DEPTH (FEET)	GUTTER SLOPE (PERCENT)	LENGTH OF GUTTER (FEET)	"10" CAPACITY (C.F.S.)	BY-PASS TO INLET NUMBER	
1	A1	100	15.00	7.50	0.70	1.10	8.0	0.00	8.0	7.10	1.00	6.70%	6	6.50	0.00	N/A
2	A2	100	15.00	7.50	0.70	1.90	14.0	0.00	14.0	10.00	2.00	6.70%	8	8.50	0.00	4
3	A3	100	15.00	7.50	0.70	1.70	12.0	0.00	12.0	10.00	2.00	6.70%	8	8.50	0.00	5
4	A4	100	15.00	7.50	0.70	0.80	6.0	2.00	8.0	7.10	1.00	6.70%	6	6.50	0.20	7
5	A5	100	15.00	7.50	0.70	0.80	6.0	3.2	9.2	7.10	1.00	6.70%	6	6.50	0.00	N/A
6	A6	100	15.00	7.50	0.70	1.40	10.0	0.00	10.0	7.4	0.60	6.70%	10	10.00	0.00	N/A
7	A7	100	15.00	7.50	0.70	1.40	10.0	0.00	10.0	8.6	0.60	6.70%	10	10.00	0.00	N/A

DRAINAGE DATA

AREA	ACRE	"C"	"100"	"Q100"
A1	1.1	0.7	7.5	5.8
A2	1.9	0.7	7.5	10.0
A3	1.7	0.7	7.5	8.9
A4	0.8	0.7	7.5	4.2
A5	0.6	0.7	7.5	3.2
A6	0.6	0.7	7.5	3.2
A7	0.8	0.7	7.5	4.2
A8	0.8	0.7	7.5	4.2
A9	0.8	0.7	7.5	4.2
B1	0.9	0.7	7.5	4.7
B2	0.9	0.7	7.5	4.7

Bench Mark 1
"X" In C.L. of Les Lacs Avenue @ 325'± South of
Proton Drive. Elev.=601.80
Bench Mark 2
"Q" In top of curb North side of Les Lacs Ave.
@ curb return Northwest corner of Meadow Creek Cir.
Elev.=587.30

As-Built Plans
5-28-93



DRAINAGE PLAN
GRAND ADDISON II
Town Of Addison, Texas

TIPTON ENGINEERING, INC.
6330 Belt Line Rd. ~ Suite C ~ Garland, Texas 75043

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
T.E. Inc.	T.E. Inc.	10/92	1"=60'		3726	3