

INLET CALCULATION CHART

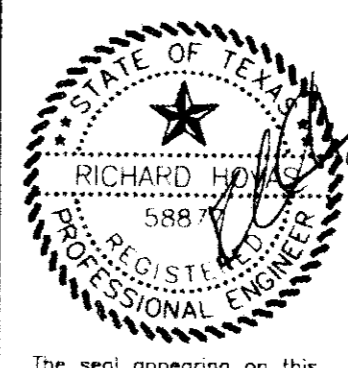
INLET NO.	DRAINAGE AREA SERVED	INLET LOCATION	DESIGN FREQ. (YEARS)	TC (MIN)	INTENSITY "I" (IN./HR.)	RUNOFF COEFF. "C"	AREA (ACRE)	"Q" (C.F.S.)	BY-PASS UPSTREAM INLET FLOW (C.F.S.)	TOTAL GUTTER CAPACITY (C.F.S.)	R.O.W. & GUTTER SLOPE (ft./100ft.)	GUTTER CROWN TYPE	LENGTH OF INLET (FEET)	"Q" OF INLET (C.F.S.)	BY-PASS TO INLET NUMBER			
1	A1	10+74	100	15.00	7.50	0.70	1.10	5.8	0.00	5.8	7.10	1.00	6" PAR.	6	0.58	6.00	0.00	N/A
2	A2	7+20	100	15.00	7.50	0.70	1.90	10.0	0.00	10.0	10.00	2.00	6" PAR.	8	0.58	8.00	2.00	4
3	A3	6+45	100	15.00	7.50	0.70	1.70	8.9	0.00	8.9	10.00	2.00	6" PAR.	8	0.58	8.00	0.90	5
4	A4	5+30	100	15.00	7.50	0.70	0.80	4.2	2.00	6.2	7.10	1.00	6" PAR.	6	0.58	6.00	0.20	7
5	A5	4+56	100	15.00	7.50	0.70	0.60	3.2	0.90	4.1	7.10	1.00	6" PAR.	6	0.58	6.00	0.00	N/A
6	A6:A8	3+50	100	15.00	7.50	0.70	1.40	7.4	0.00	7.4	SAG	0.50	6" PAR.	10	0.58	10.00	0.00	N/A
7	A7:A9	3+50	100	15.00	7.50	0.70	1.60	8.4	0.20	8.6	SAG	0.50	6" PAR.	10	0.58	10.00	0.00	N/A

DRAINAGE DATA

AREA	ACRE	"C"	"I ₁₀₀ "	"Q ₁₀₀ "
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 Praton Drive. Elev.=601.80
 Bench Mark 2
 "d" 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'		5726	3

1-6-93
 3726DP