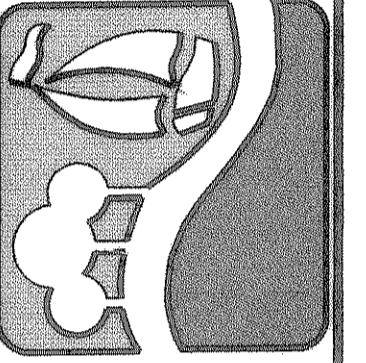


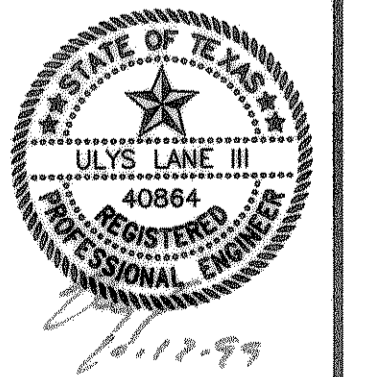
INLET DESIGN CALCULATIONS

INLET No.	DISCHARGES TO	DESIGN	TIME	RAINFALL INTENSITY (in./hr.)	DRAINAGE AREA (acres)	DRAINAGE AREA CA	DRAINAGE AREA (cfs)	CARRY-OVER (cfs)	TOTAL GUTTER FLOW (cfs)	GUTTER SLOPE (%)	STREET SECTION	CROSS-SLOPE OR		DEPTH OF FLOW (ft)	PONDED WIDTH (ft)	INLET LENGTH	FLOW COLLECTED	CARRY-OVER (cfs)	REMARKS
		STORM OF FREQUENCY (years)	CONC. (min.)									CROWN (ft/ft)	DEPTH (ft)						
INLET F-1		100	10	9.80	2.03	1.62	15.9	0.0	15.9	2.20	PARABOLIC	7 in	0.47	12.2	15	13.7	2.2	EXISTING INLET	
INLET F-2		100	10	9.80	3.11	2.49	24.4	2.3	26.7	1.64	TRIANGULAR	0.0200	0.44	22.0	15	15.0	11.7	EXISTING INLET	
INLET F-3		100	10	9.80	1.41	1.13	11.1	2.2	13.3	1.64	TRIANGULAR	0.0200	0.34	17.0	15	11.0	2.3	EXISTING INLET	
INLET F-4		100	10	9.80	1.64	1.31	12.8	0.0	12.8	1.72	TRIANGULAR	0.0200	0.33	16.5	15	10.8	2.0		
INLET F-5A	LINE G-1	100	10	9.80	3.48	2.78	27.2	0.0	27.2	-	TRIANGULAR	0.0208	0.54	-	12	27.2	0.0	"Y" INLET	
INLET F-5B	LAT. G-1.1	100	10	9.80	2.07	1.66	16.3	1.7	18.0	1.44	TRIANGULAR	0.0150	0.35	23.0	20	14.9	3.1		
INLET F-6		100	10	9.80	2.41	1.93	18.9	0.0	18.9	-	PARABOLIC	6 in	0.50	-	10	11.6	7.3	EXISTING INLET	
INLET F-7		100	10	9.80	1.90	1.52	14.9	9.3	24.2	-	TRIANGULAR	.02	0.51	-	15	24.2	0.0	SUMP INLET	
INLET F-8		100	10	9.80	1.40	1.12	11.0	14.8	25.8	-	TRIANGULAR	0.0200	0.52	-	15	25.8	0.0	EXISTING INLET	
INLET K-1	LINE K	100	10	9.80	1.61	1.29	12.6	1.7	14.3	0.60	TRIANGULAR	0.0208	0.43	20.5	15	12.6	1.7		
INLET K-2	LAT. K-2	100	10	9.80	1.82	1.46	14.3	0.0	14.3	0.60	TRIANGULAR	0.0208	0.43	20.5	15	12.6	1.7		
INLET K-3	LAT. K-3	100	10	9.80	3.23	2.58	25.3	0.0	25.3	2.00	TRIANGULAR	N/A	0.42	-	15	25.3	0.0		
INLET K-4	LAT. K-4	100	10	9.80	1.74	1.39	13.6	0.0	13.6	-	TRIANGULAR	.0208	0.42	-	10	13.6	0.0		
INLET K-5	LAT. K-5	100	10	9.80	0.36	0.29	2.8	0.0	2.8	-	TRIANGULAR	0.0208	0.23	-	10	2.8	0.0		
INLET K-6	LAT. K-6	100	10	9.80	1.94	1.55	15.2	0.0	15.2	-	TRIANGULAR	0.0208	0.41	-	16	15.2	0.0	"Y" INLET	
INLET K-6.1	LAT. K-6.1	100	10	9.80	1.55	1.24	12.2	0.0	12.2	-	TRIANGULAR	0.0208	0.38	-	12	12.2	0.0	"Y" INLET	

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INLET DESIGN CALCULATIONS



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