

- LEGEND :
- 1a DRAINAGE AREA NUMBER
 - DRAINAGE AREA BOUNDARY
 - △ INLET NUMBER

INLET COMPUTATIONS

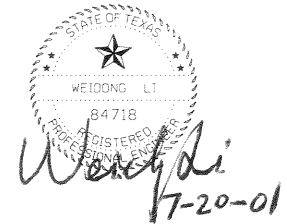
No.	Station	D.A. No.	Q100	Carry Over	Total Q	z	z/n	s	y	Pond Width	a	Q/L	La	L	L/La	a/y	Q/Qa	Q	Carry Over	Remarks
1	9+01.64, Lt Landmark	1a	13.86	0	13.86						0.42	0.957	14.48	10	0.69	1.00	13.86	0.00		Existing Inlet Low Point
2	8+61.99, Rt Landmark	1b	7.48	0	7.48	50	3846	0.0033	0.349	17.46	0.46	0.893	8.34	10	1.199	1.32	1.00	7.48	0.00	
3	50+R1964, Rt Landmark	3a	5.09	0	5.09	50	3846	0.0115	0.239	11.96	0.46	0.777	6.58	10	1.520	1.92	1.00	5.09	0.00	
4	14+50.00, Lt Landmark	3c	4.64	0	4.64	50	3846	0.0124	0.228	11.39	0.46	0.764	6.02	10	1.661	2.03	1.00	4.64	0.00	
5	14+50.00, Rt Landmark	3d	4.27	0	4.27	50	3846	0.0124	0.220	11.03	0.46	0.757	5.61	10	1.783	2.09	1.00	4.27	0.00	
6	19+50.00, Lt Landmark	3f	3.38	0	3.38	50	3846	0.0124	0.202	10.11	0.46	0.738	4.58	10	2.183	2.28	1.00	3.38	0.00	
7	19+50.00, Rt Landmark	3g	3.38	0	3.38	50	3846	0.0124	0.202	10.11	0.46	0.738	4.58	10	2.183	2.28	1.00	3.38	0.00	
8	24+17.95, Lt Landmark	3h	3.74	0	3.74	50	3846					0.957	3.90	10	1.537		1.00	3.74	0.00	Low Point
9	24+31.99, Rt Landmark	3i	3.20	0	3.20	50	3846					0.957	3.35	10	1.793		1.00	3.20	0.00	Low Point
10	3+96.49, Lt Ewing	3j	2.69	0	2.69	50	3846					0.698	3.86	10	1.555		1.00	2.69	0.00	Low Point
11	3+96.49, Rt Ewing	3k	2.46	0	2.46	50	3846					0.698	3.53	10	1.701		1.00	2.46	0.00	Low Point
12	5+97.93, Rt Ewing	3m	3.30	0	3.20	50	3846	0.0006	0.181	9.06							1.00	3.20	0.00	Low Point TYP H INLET

STORM SEWER COMPUTATIONS

From	To	D.A. No.	Total D.A. Ac	Total CA	Time of Concentration			Design					Remarks		
					Total Length	Along Sewer	Inlet Time	Design	I 100yr	Q 100yr	Design inch	Slope ft/ft		Cap. cfs	Veloc. ft/sec
1	exist	1a	1.80	1.44	--	--	--	15	9.62	13.85	21	--	--	--	Existing 21" pipe
2	exist	1b	0.86	0.78	--	--	--	15	9.62	7.47	18	0.0055	7.79	4.41	Connect to exist 21" pipe.
3	exist	3a	0.59	0.53	--	--	--	15	9.62	5.09	18	0.0055	7.79	4.41	Connect to exist 36" pipe.
4	5	3b, 3c	4.68	3.39	--	--	--	20	8.30	28.15	30	0.0050	29.00	5.91	
5	exist	3b, 3c, 3d	5.53	3.83	--	--	--	20	8.30	31.83	36	0.0032	37.73	5.34	Connect to exist 60" pipe.
6	7	3e, 3f	3.82	3.10	--	--	--	20	8.30	25.72	30	0.0040	25.94	5.28	
7	exist	3e, 3f, 3g	4.21	3.45	--	--	--	20	8.30	28.63	36	0.0025	33.35	4.72	Connect to exist 60" pipe.
8	9	3h	0.43	0.39	--	--	--	15	9.62	3.73	18	0.0030	5.75	3.26	
9	MH 2	3h, 3i	0.80	0.72	--	--	--	15	9.62	6.94	18	0.0045	7.05	3.99	
10	11	3j	0.31	0.28	--	--	--	15	9.62	2.69	18	0.0030	5.75	3.26	
12	11	3m	0.37	0.33	--	--	--	15	9.62	3.20	18	0.0030	5.75	3.25	
11	MH 1	3j, 3k, 3m	0.97	0.82	--	--	--	15	9.62	8.36	18	0.0030	5.75	3.26	
MH 1	MH 2	3j, 3k, 3m	0.97	0.82	--	--	--	15	9.62	8.36	36	0.0016	26.68	3.77	
MH 2	Exist	3h, 3i, 3j, 3k, 3m	1.72	1.54	--	--	--	15	9.62	15.29	36	0.0016	26.68	3.77	Connect to exist 60" pipe.

RUNOFF COMPUTATIONS

D.A.	AREA		Total CA	Time of Concentr	I-100 in/hr	O-100 cfs
	Ac	C				
1a	1.80	0.80	1.44	15	9.62	13.86
1b	0.86	0.90	0.78	15	9.62	7.48
2a	0.12	0.90	0.11	15	9.62	1.04
2b	0.12	0.90	0.11	15	9.62	1.04
3a	0.59	0.90	0.53	15	9.62	5.09
3b	3.64	0.80	2.91	20	8.30	24.14
3c	1.04	0.46	0.48	15	9.62	4.64
3d	0.85	0.52	0.44	15	9.62	4.27
3e	3.43	0.80	2.75	20	8.30	22.80
3f	0.39	0.90	0.35	15	9.62	3.38
3g	0.39	0.90	0.35	15	9.62	3.38
3h	0.43	0.90	0.39	15	9.62	3.74
3i	0.37	0.90	0.33	15	9.62	3.20
3j	0.31	0.90	0.28	15	9.62	2.69
3k	0.28	0.90	0.26	15	9.62	2.46
3l	6.49	6.90	5.81	15	9.62	56.49
3m	0.37	0.90	0.33	15	9.62	3.20



DRAINAGE AREA MAP
LANDMARK EXTENSION
 SHEET 1 OF 1
 DEPARTMENT OF PUBLIC WORKS
 TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NUMBER
P.G.W.	C.W.W.	2/00				

AS BUILT 15

△ INLET 12 & MISCELLANEOUS REVISIONS	6/19/00
△ FB COMMENTS	3/24/00
ADDENDUM NO. 1	3/3/00