

BY _____		CITY OF ROCKWALL, TEXAS										SHEET _____ OF _____							
Ck'd _____		COMPUTATION SHEET FOR DETERMINING										STREET _____							
DATE _____		CAPACITY OF CURB OPENING INLET										MAJOR WATERSHED _____							
												JOB OR FILE NO. _____							
INLET																			
TYPE & NO.	STATION	D.A. NO.	Q _p C.F.S.	CARRY-OVER FLOW Q _o C.F.S.	TOTAL FLOW Q _o C.F.S.	Z	Z/N	S _o FT/FT	Y _o FT	PONDED WIDTH	Q _o L _o C.F.S. FT.	L _o L _o C.F.S. FT.	L FT.	L _o FT.	Q _o L _o C.F.S. FT.	Q _o L _o C.F.S. FT.	CARRY-OVER FLOW Q _o C.F.S.	REMARKS	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
10'	3+10 N	2	6.2	0	6.2	29	1706	0.018	0.39	8.5	1.025	6.05	10	1.65	1	6.2	0		
10'	3+10	2	6.2	0	6.2	29	1706	0.018	0.39	8.5	1.025	6.05	10	1.65	1	6.2	0		
15'	14+05	9-12	14.0	0	14.0	29	1706	0.018	0.42	14.5	1.05	13.3	15	1.13	1	14.0	0		
15'	14+05	9-12	14.0	0	14.0	29	1706	0.018	0.42	14.5	1.05	13.3	15	1.13	1	14.0	0		
10'	8+55 N	4-6	10.4	0	10.4	36	2118	0.007	0.42	14.5	1.1	9.45	10	1.06	1	10.4	0		
10'	8+55 S	4-6	10.4	0	10.4	36	2118	0.007	0.42	14.5	1.1	9.45	10	1.06	1	10.4	0		

DRAINAGE DATA									
AREA	ACRES	C	t _c	I _s	Q _s	Q _s ACCUM.	I ₂₅	Q ₂₅	Q ₂₅ ACCUM.
1	4.0	0.50	10	6.2	12.4	—	8.2	16.4	~
2	4.0	0.50	10	6.2	12.4	24.8	8.2	16.4	22.8
3	1.4	0.50	10	6.2	4.3	29.1	8.2	5.7	38.5
4	3.3	0.50	10	6.2	10.2	—	8.2	13.5	~
5	0.6	0.50	10	6.2	1.9	12.1	8.2	2.5	16.0
6	2.8	0.50	10	6.2	8.7	20.8	8.2	11.5	27.5
7	3.0	0.50	10	6.2	9.3	—	8.2	12.3	~
8	1.1	0.50	10	6.2	3.4	12.7	8.2	4.5	16.8
9	0.7	0.50	10	6.2	2.1	—	8.2	2.9	~
10	4.0	0.50	10	6.2	12.4	14.5	8.2	16.4	19.3
11	1.5	0.50	10	6.2	4.7	19.2	8.2	6.2	25.5
12	2.8	0.50	10	6.2	8.7	27.9	8.2	11.5	37.0

AS BUILT

12
15

HAROLD L. EVANS CONSULTING ENGINEER 2331 GUS THOMASSON RD. SUITE 102 DALLAS, TEXAS 75228 PHONE (214) 328-8133			DRAINAGE AREA MAP	
SCALE DATE JOB NO.			TURTLE COVE	
1"=100' 3-3-85 84298			CITY OF ROCKWALL	
			ROCKWALL COUNTY, TEXAS	