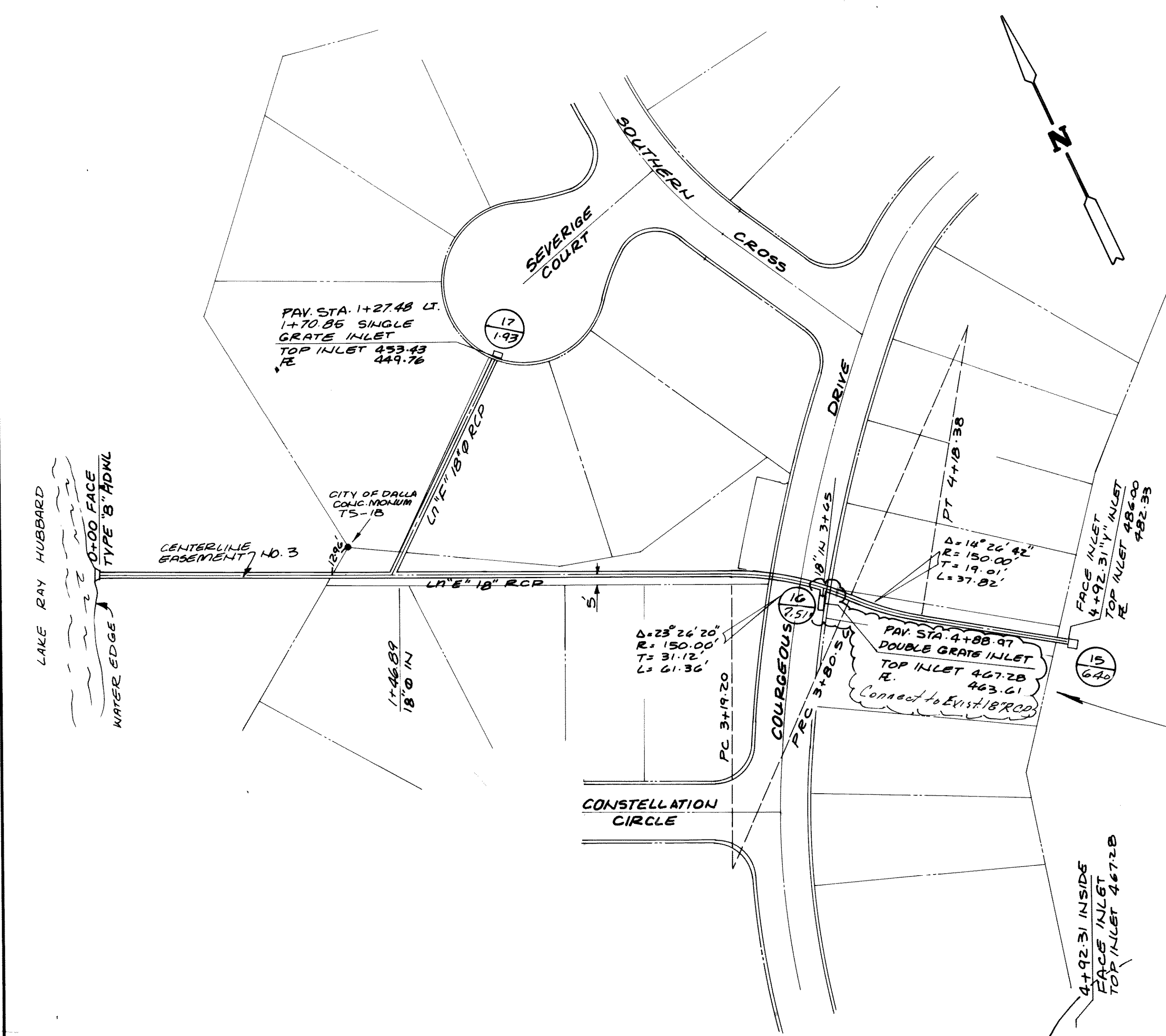




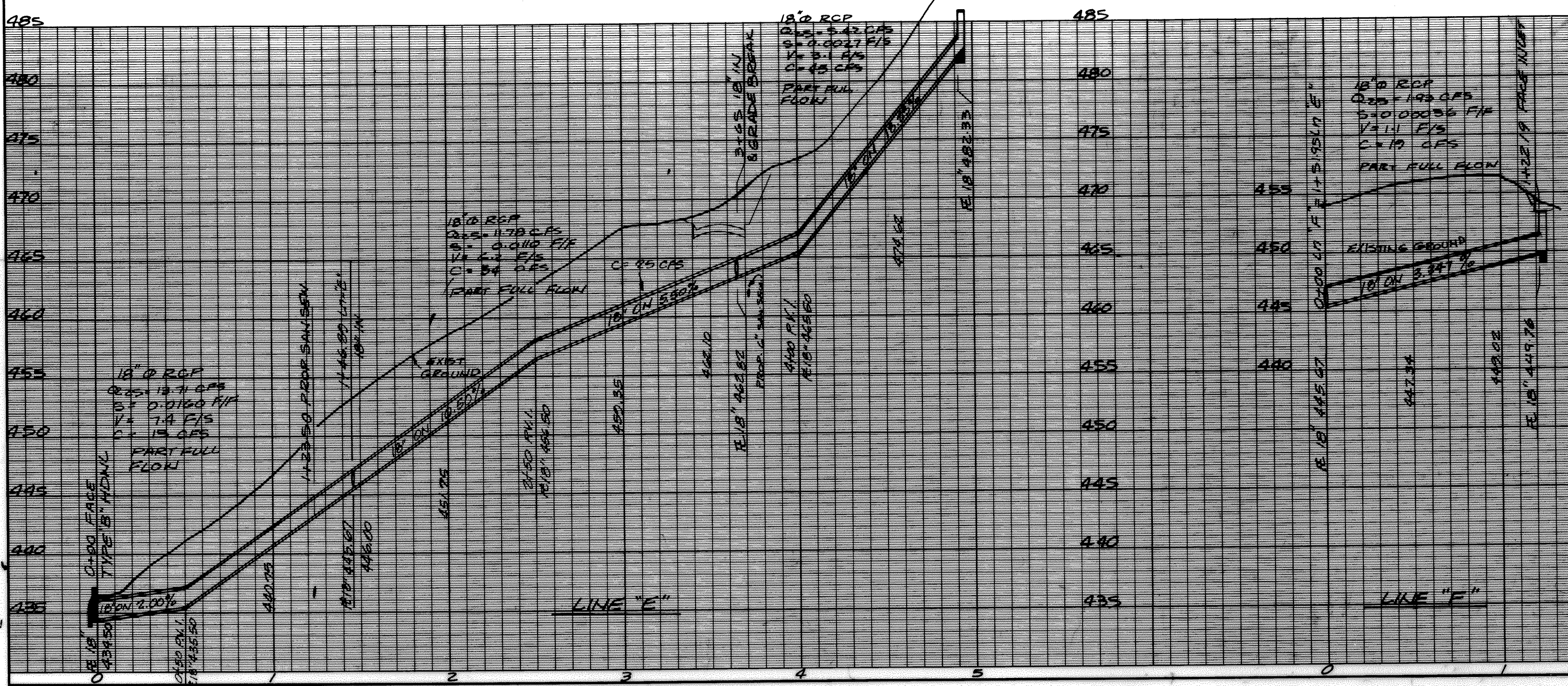
CLOUD AREA :
DOUBLE GRATE INLET &
18" LATERAL IN THIS
CONTRACT - ALL OTHER
DESIGN IS EXISTING

CITY OF ROCKWALL, TEXAS																		
COMPUTATION SHEET FOR DETERMINING CAPACITY OF CURB OPENING INLET																		
BY RE J. DATE 1-21-85 CKD. n = 0.016 DATE																		
SHEET 1 OF 1 STREET (SEE STATION COLUMN) MAJOR WATERSHED JOB OR FILE NO. 72122																		
INLET	STATION	D.A.	Qp	CARRY-OVER	TOTAL	Z	Z/H	So	Yo	PONDED	Q	Lo	L	L	Q	Q	CARRY-OVER	REMARKS
NO.		NO.	C.F.S.	FLOW	FLOW			FT/FT	FT.	WIDTH	S.F.S.	FT.	FT.	Lo	Qo	Qo	FLOW	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Y	4+92.31	15	5.42	0	5.42	-	-	-	0.5	-	-	-	-	-	-	5.42	0	"Y" TYPE INLET
DOUBLE	4+88.97	16	6.36	0	6.36	28	1750	0.010	0.36	10.08	-	-	-	-	-	5.48	0.88	2-GRATE INLET
SINGLE	SEWERAGE	17	1.93	0	1.93	-	-	-	0.20	-	-	-	-	-	-	1.93	0	1-GRATE INLET
GRATE	COURT																	
DOUBLE	3+40.56	18	4.71	0.88	5.65	28	1750	0.004	0.39	10.92	-	-	-	-	-	5.48	0.17	2-GRATE INLET
GRATE	COURT																	
DOUBLE	2+63.64	19	3.23	0	3.23	28	1750	0	0.35	9.8	-	-	-	-	-	3.23	-	1-GRATE INLET
GRATE	CONSTELLATION																	
SINGLE	2+63.64	20	1.02	0	1.02	28	1750	0	0.13	3.64	-	-	-	-	-	1.02	-	1-GRATE INLET
GRATE	CONSTELLATION																	

AS-BUILT

"X" cut at centerline intersection of Yacht Club Drive and Entrepid Circle Elev. 502.53

"Square" cut on top of grate inlet halfway between Chandlers Landing Yacht Club and back-of-curb of island Elev. 459.57



HAROLD L. EVANS
CONSULTING ENGINEER
2331 GUS THOMASSON RD. SUITE 102
DALLAS, TEXAS 75228
PHONE (214) 328-8133

CHANDLERS LANDING PHASE EIGHTEEN SECTION 2

STORM SEWER PLAN & PROFILE

CITY OF ROCKWALL

ROCKWALL COUNTY, TEXAS

SCALE 1"=40' H 1"=6' V DATE 1-23-85 JOB NO. 72122

REV 6-19-85 REV Grades 6-17-86 REV 9-25-81