

CURVE	LENGTH	RADIUS	TANGENT	CH BRG	CH DIST	DELTA
C1	104.99	170.00	54.23	S54°05'42"E	103.33	35°23'05"

STA. 3+24.00 LINE B
CONST. 36" DBL. TYPE
"C" HDWL. & END 2 -
24" R.C.P.'s

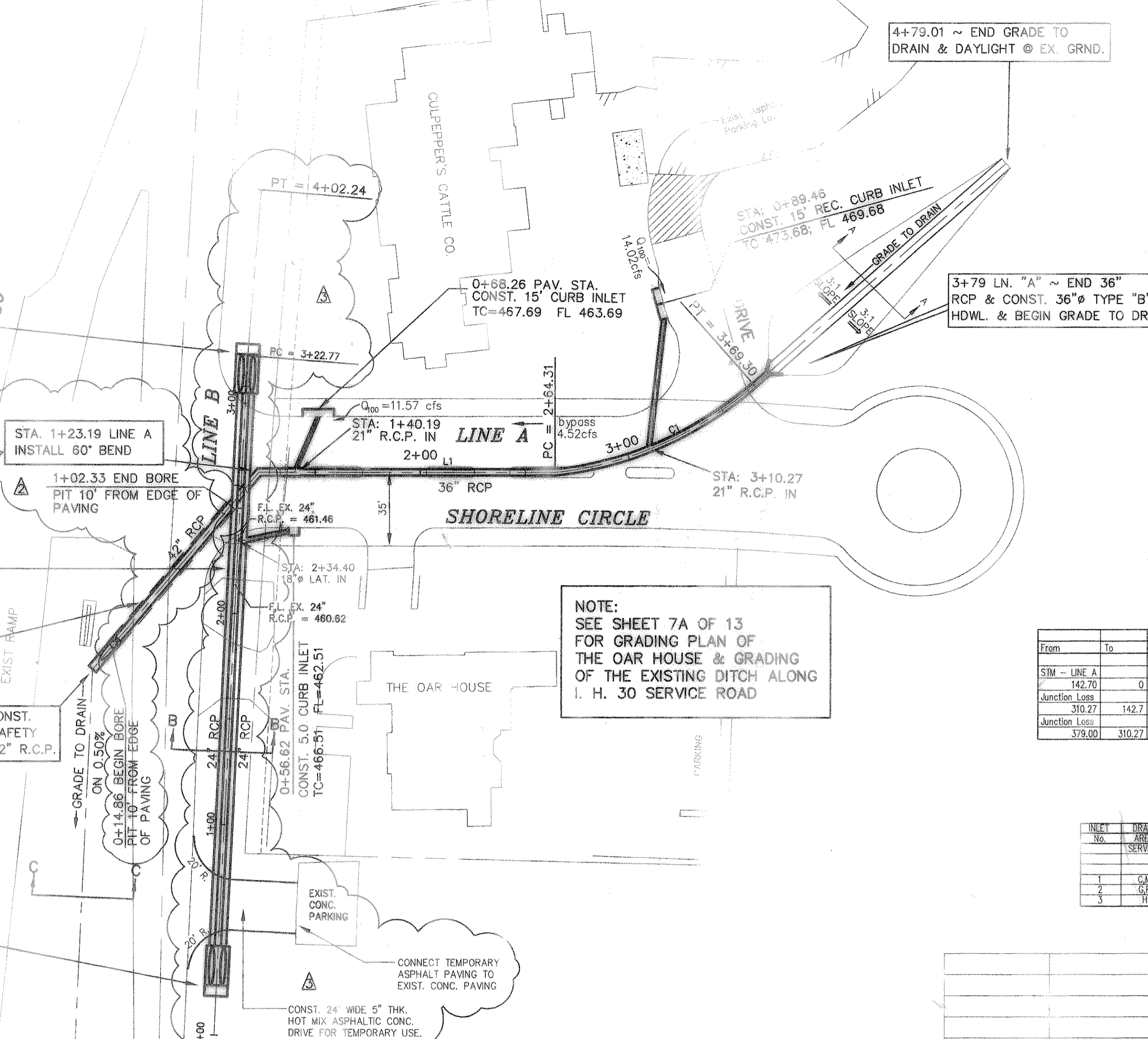
EXISTING DRIVEWAY TO BE REMOVED WHEN SHORELINE CIRCLE IS IN SERVICE

INSTALL 87 L.F. OF 42" R.C.P. BY OTHER THAN OPEN CUT

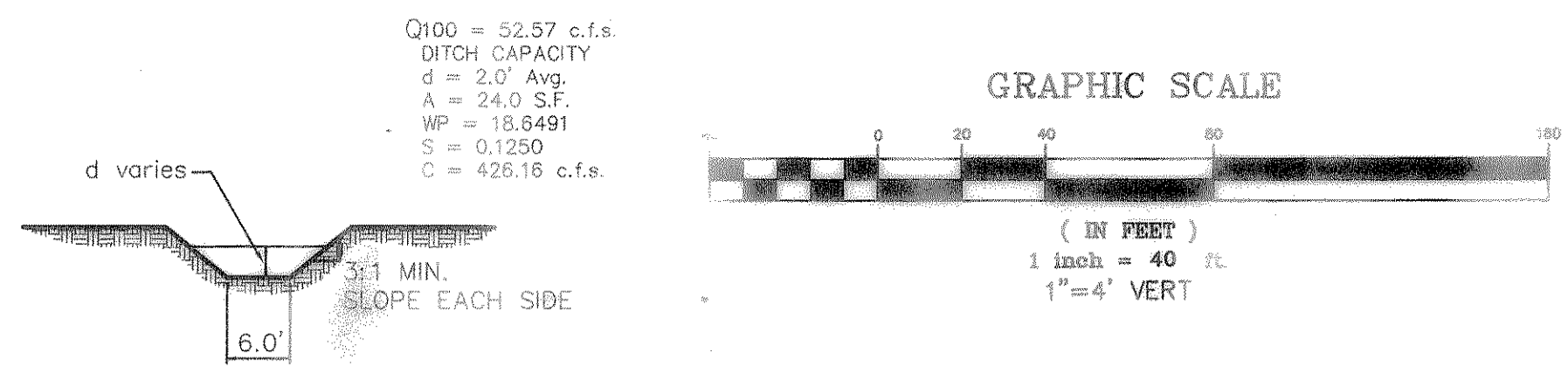
STA. 0+00.77 LN. "A" CONST. 42" TYPE "C" HDWL. w/ SAFETY END TREATMENT & BEGIN 42" R.C.P.

STA. 0+23.46 LINE B CONST. 24" DBL. TYPE "C" HDWL. & BEGIN 2 - 24" R.C.P.'s

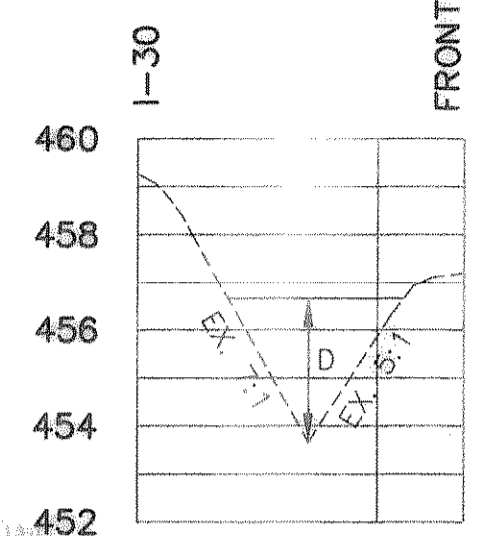
INTERSTATE HIGHWAY NO. 30



NOTE: SEE SHEET 7A OF 13 FOR GRADING PLAN OF THE OAR HOUSE & GRADING OF THE EXISTING DITCH ALONG I. H. 30 SERVICE ROAD



SECTION "A-A" NOT TO SCALE



SECTION "C-C" NOT TO SCALE



FRONTAGE

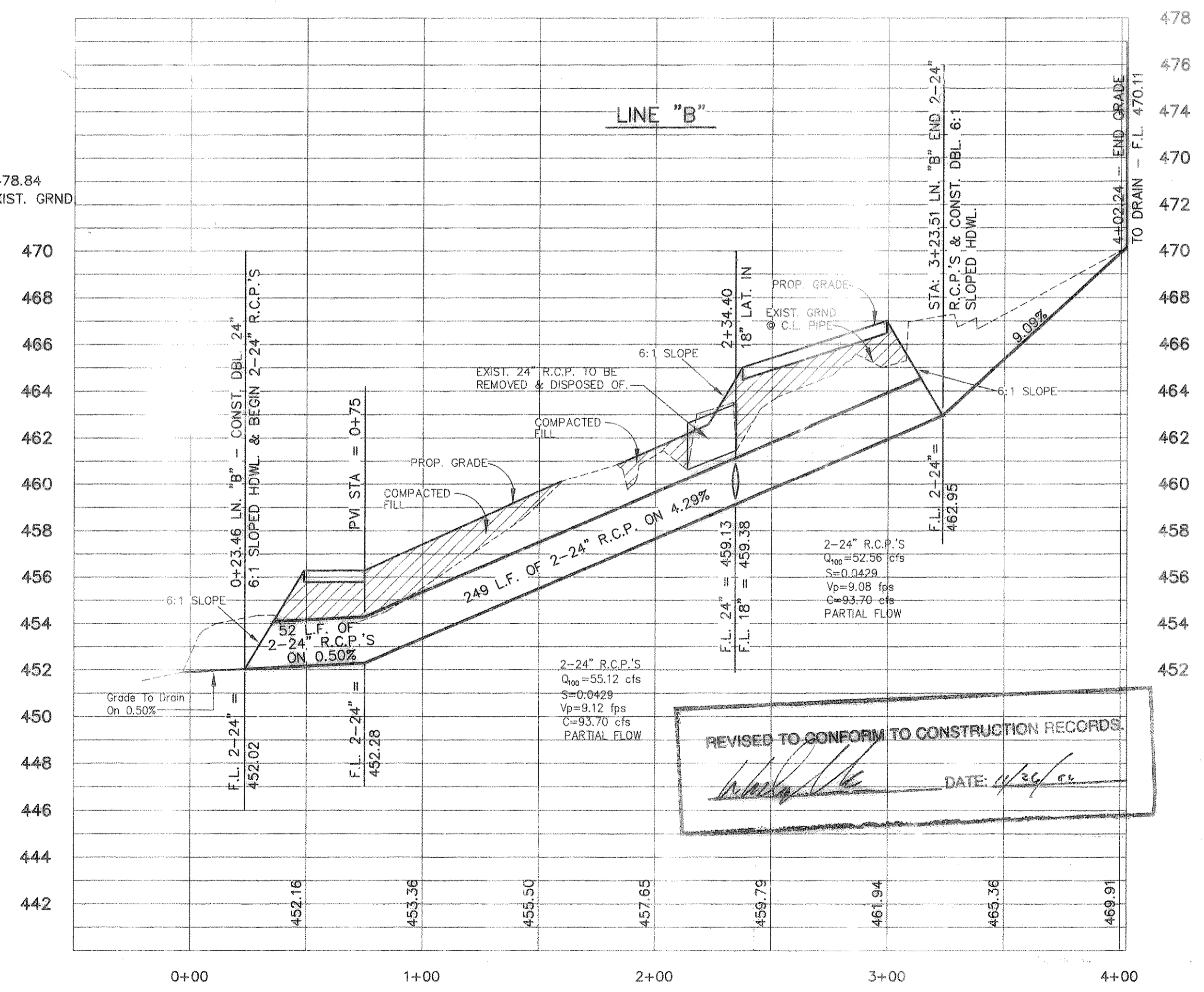
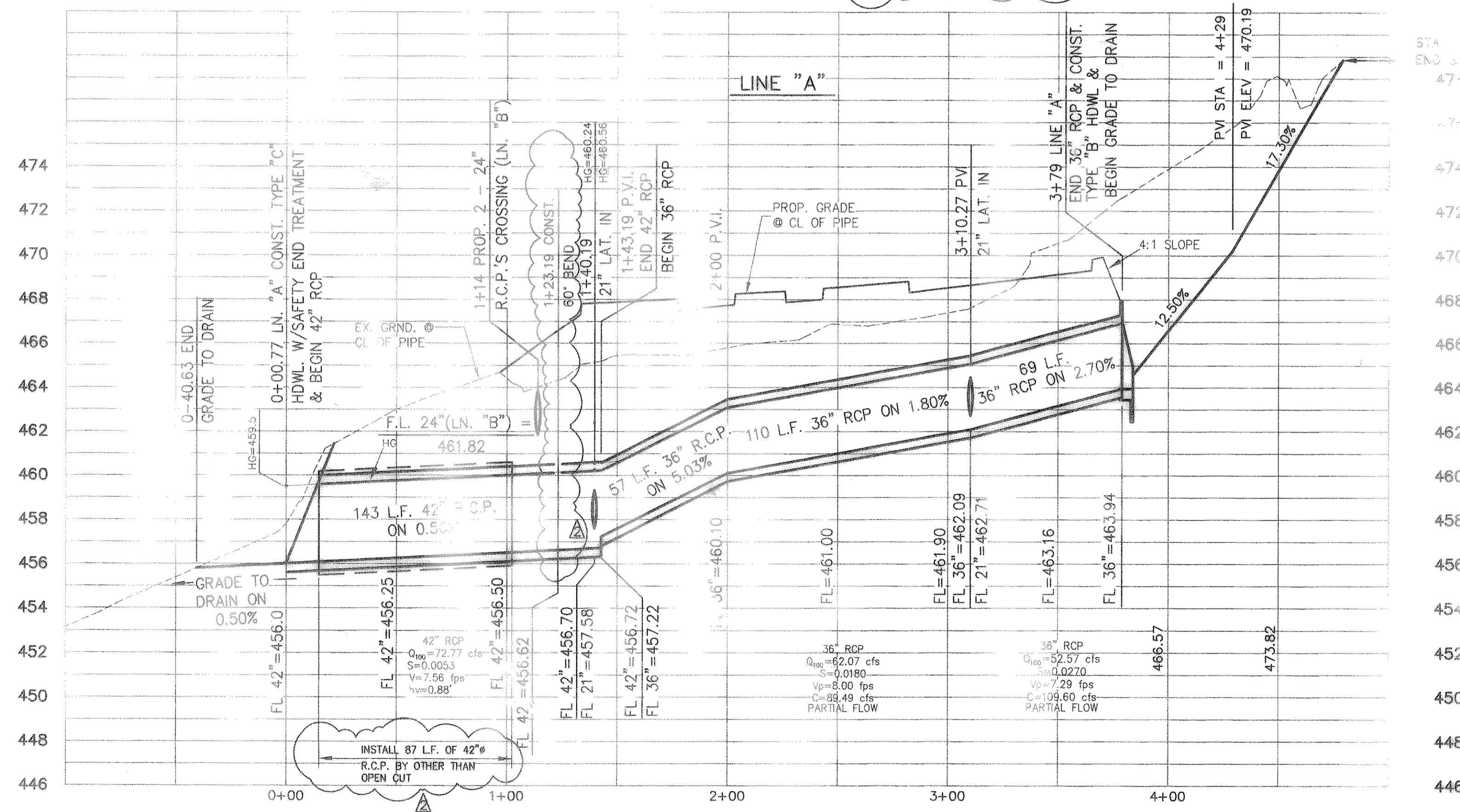
FRONTAGE

INLET CHART

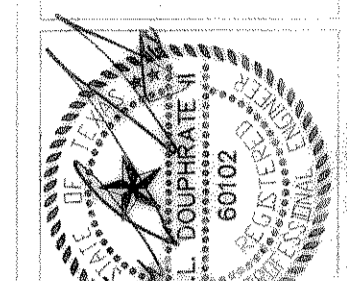
From	To	Length	Box Height	DESIGN Q100	Pipe Size (in)	CAP Q100	FULL FLOW V	PARTIAL FLOW V	PARTIAL FLOW Q	Flow Coeff. No.	K1	R(H)	R ^{2/3}	Area	S	DESIGN HGL	HGL	
SIM - LINE A	142.70	0	142.7	72.77	42	711.42	7.56	5.45	0.10	0.72				9.6211	0.0052	0.5000	0.7465	459.50
Junction Loss	310.27	142.7	167.5	82.07	36	89.49	8.78	9.31	0.69	1.06	0.7000	0.7500	0.8255	7.0686	0.0087	0.0180	-0.8381	458.66
Junction Loss	378.00	310.27	68.73	52.57	36	109.60	7.44	7.29	0.48	0.98	0.5000	0.7500	0.8255	7.0686	0.0082	0.0270	0.4270	461.31

HYDRAULIC CHART

INLET	DRAIN	DESIGN	TIME	W/EN	DEV.	DRAIN	DEV.	TOTAL	OUTLET	GUTTER	CROWN	INLET	W	CAP.	BYPASS
1	GM	100	10	9.80	0.80	1.59	14.02	14.02	8.50	32.00	PARA	15 R.C.P.	0.50	9.50	4.52
2	GF	100	10	9.80	0.80	0.80	7.06	4.52	11.58	0.50	8.00	PARA	15	0.50	13.50
3	H	100	10	9.80	0.80	0.29	2.56	2.56	1.35	13.00	PARA	5	0.50	3.25	



REVISED TO CONFORM TO CONSTRUCTION RECORDS.
DATE: 4/26/00



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRADE, II TEXAS P.E. 11/1/00

DOUPHRADE & ASSOCIATES, INC.
ENGINEERING - PROJECT MANAGEMENT - SURVEYING
2255 RIDGE RD., # 200 ROCKWALL, TEXAS 75087
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STORM PLAN & PROFILE
LINE A & B
SHORELINE PLAZA ADDITION
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

1. REVISED AS PER CITY OF ROCKWALL REVISIONS 7/20/00
REVISION 10/19/00

W.L.D. CHECKED
A.J.W. DRAWN
4/13/2000 DATE
9957STM PROJECT

EXTENDED LINE "B" DOWN & ACROSS THE OAR HOUSE TRACT. ADDED TEMPORARY DRIVE TO EXIST. CONC. PARKING. REV. 11/13/00