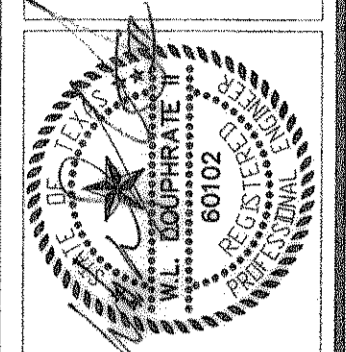


From	To	Length	Box Height	Width	Q100	Pipe Size (in)	V	Kj	R(ft)	R <sup>2</sup> /3	Flow Area	S	HGL Rise	HGL Number
LINE L														
659.82	565.28	94.54	3	8	264.17	0	11.0071	1.0000	1.0909	1.0597	24.0000	0.0083	0.7896	475.18
JUNCTION LOSS	JUNCTION BOX													
565.28	170.17	395.11			264.17	2-48	10.5100	1.0000	1.1250	1.0817	25.1328	0.0323	1.8813	477.84
JUNCTION LOSS														
170.17	168.21	1.96			247.58	2-48	10.3000	1.0000	1.1250	1.0817	25.1328	0.0323	0.0311	485.52
JUNCTION LOSS														
168.21	163	5.21			233	2-42	12.4500	1.0000	1.1250	1.0817	19.2424	0.0290	0.4301	485.95
JUNCTION LOSS														
163	77.00	86			233	2-42	12.4500	1.0000	1.0000	1.0000	19.2424	0.0290	-0.4301	485.60
JUNCTION LOSS														
77.00													2.2628	488.22

CURVE	LENGTH	RADIUS	TANGENT	LENGTH	CHORD
2	32'14"18"	75.00	21.67	42.20	41.65
3	6'19"55"	100.00	5.53'	11.05'	11.05'

△ (SEE PROFILE OF HDWL. BELOW)

STA: 6+33.30 LN. "L"  
CONST. MODIFIED HEADWALL  
W/ 30 L.F. OF HANDRAIL  
& BEGIN 3'X8' BOX CULVERT



THE SEAL APPEARING ON THIS DRAWING IS THE PROPERTY OF M. DOUPHRATE & ASSOCIATES, INC. NO. 80102 ON 10/3/60

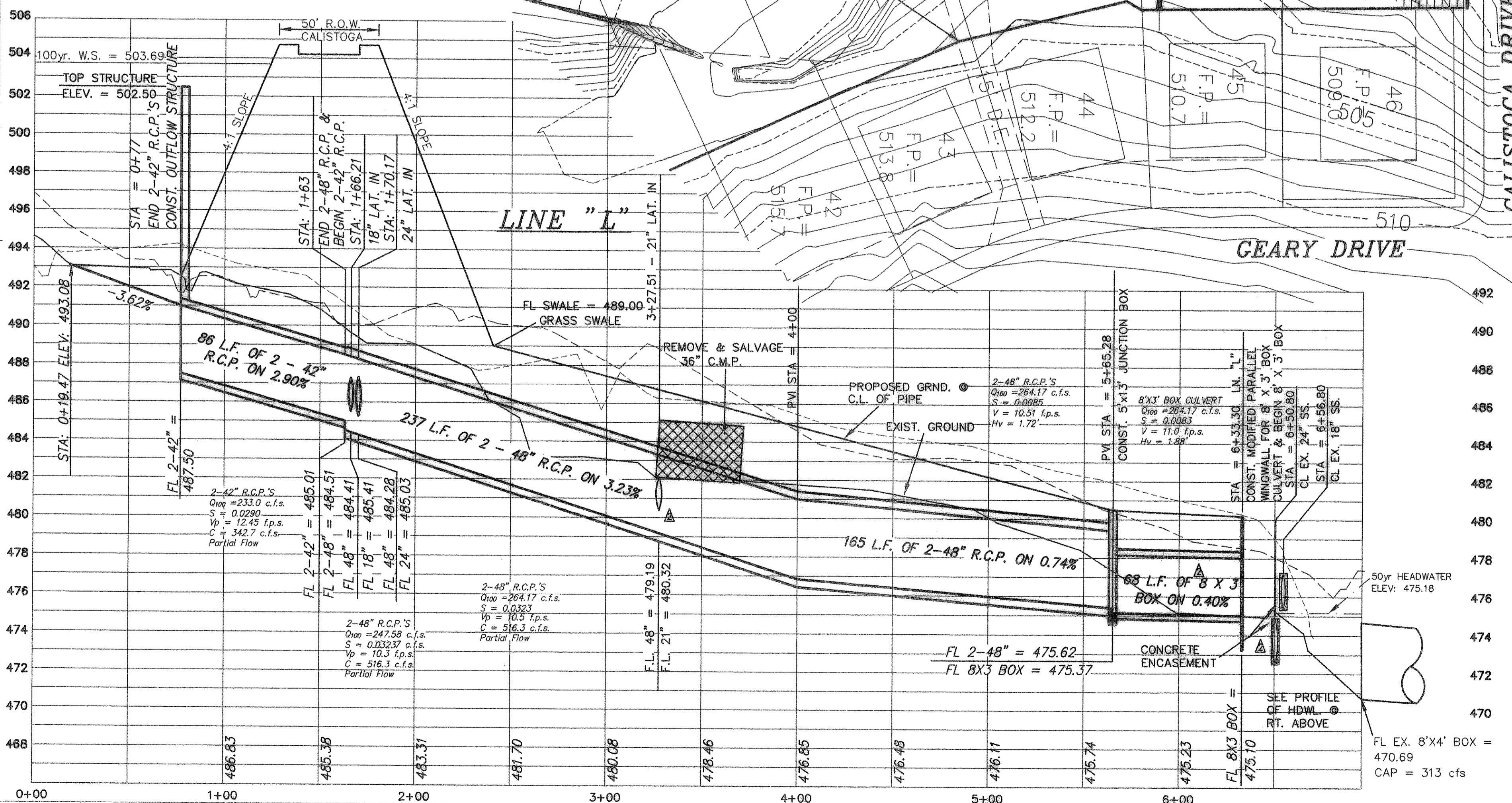
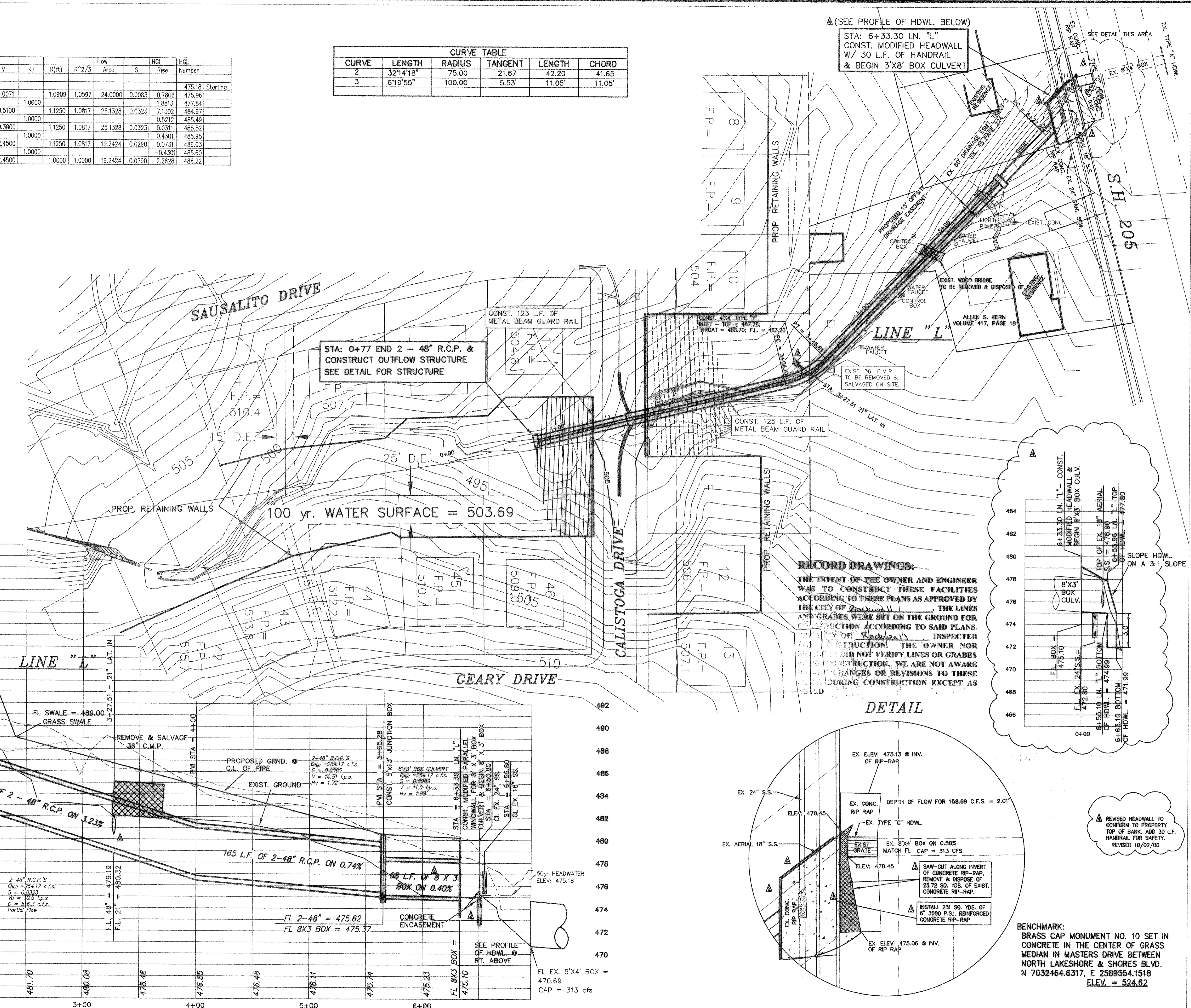
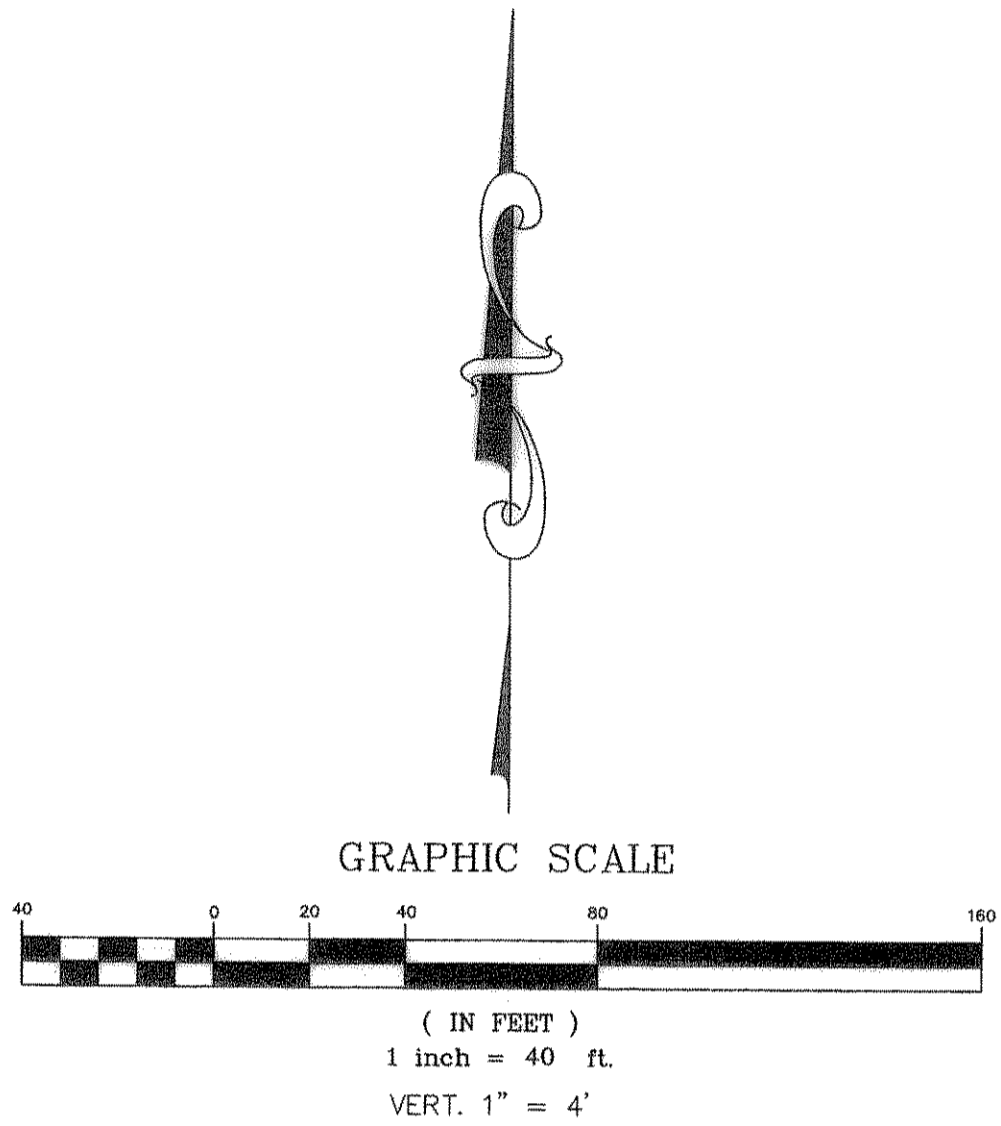
DOUPHRATE & ASSOCIATES, INC.  
ENGINEERING - PROJECT MANAGEMENT - SURVEYING  
2235 RIDGE RD., # 200 ROCKWALL, TEXAS 75087  
PHONE: (972)771-9004 FAX: (972)771-9005

**STORM SEWER PLAN & PROFILE**  
**LINE L**  
**LAKEVIEW SUMMIT, PHASE ONE**  
**CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS**

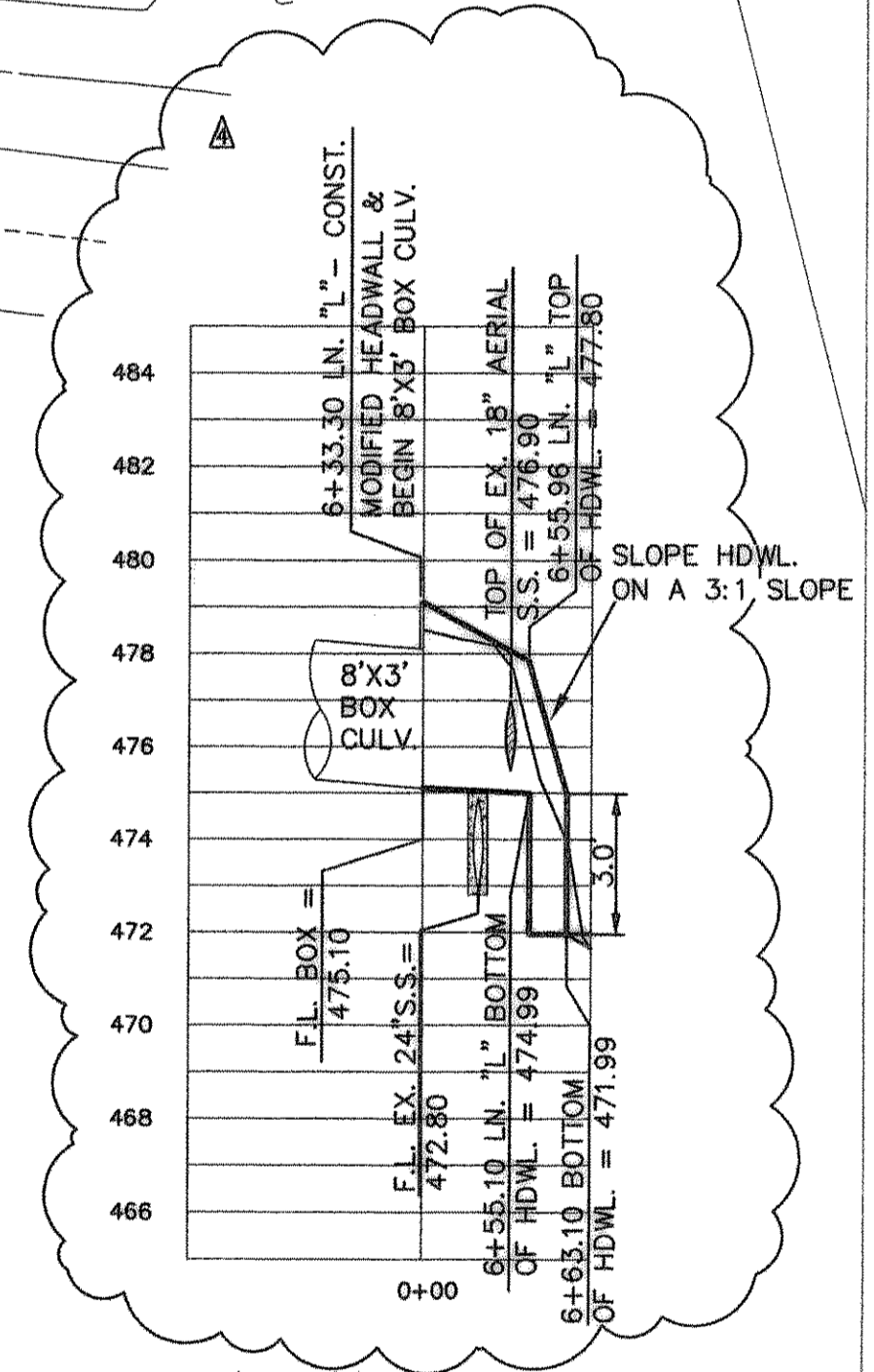
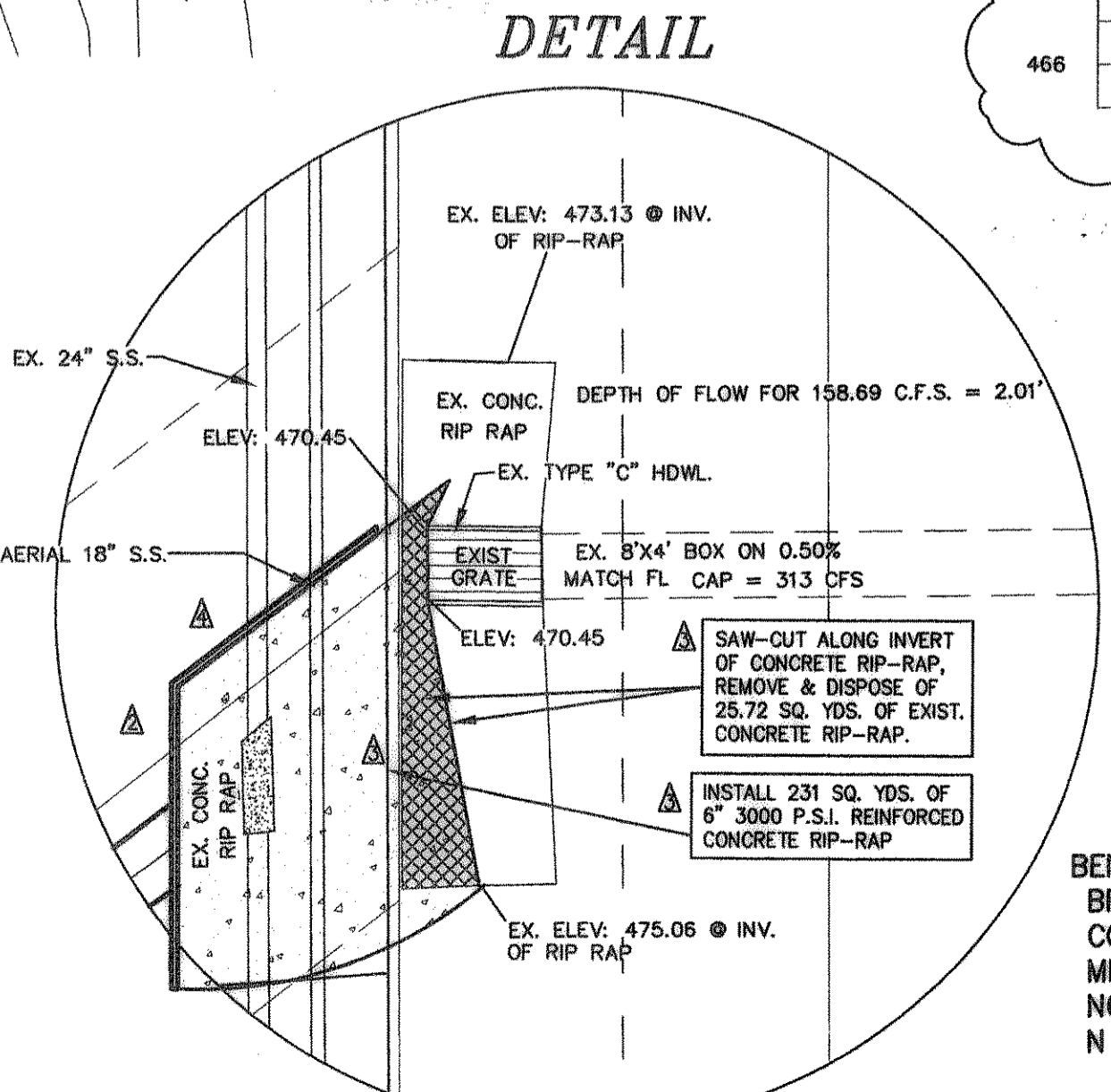
REVISAS PER CITY OF ROCKWALL REVISIONS:  
7/12/00  
ADDED EXISTING 24" S.S. REVISED GRADES & ADDED 1" INLET W/ 21" LAT. 9/8/00  
ADDED 6" RIP-RAP. 9/11/00  
REVISION

W.L.D.  
CHECKED  
K.E.B.  
DRAWN  
6/00  
DATE  
9918 STML  
PROJECT

39  
OF  
42



**RECORD DRAWINGS:**  
THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THESE FACILITIES ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OF ROCKWALL. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. IF THE OWNER INSPECTS THE CONSTRUCTION, THE OWNER NOR HIS AGENT SHALL BE RESPONSIBLE FOR ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED OTHERWISE.



BENCHMARK:  
BRASS CAP MONUMENT NO. 10 SET IN CONCRETE IN THE CENTER OF GRASS MEDIAN IN MASTERS DRIVE BETWEEN NORTH LAKESHORE & SHORES BLVD.  
N 7032464.6317, E 2589554.1518  
ELEV. = 524.82