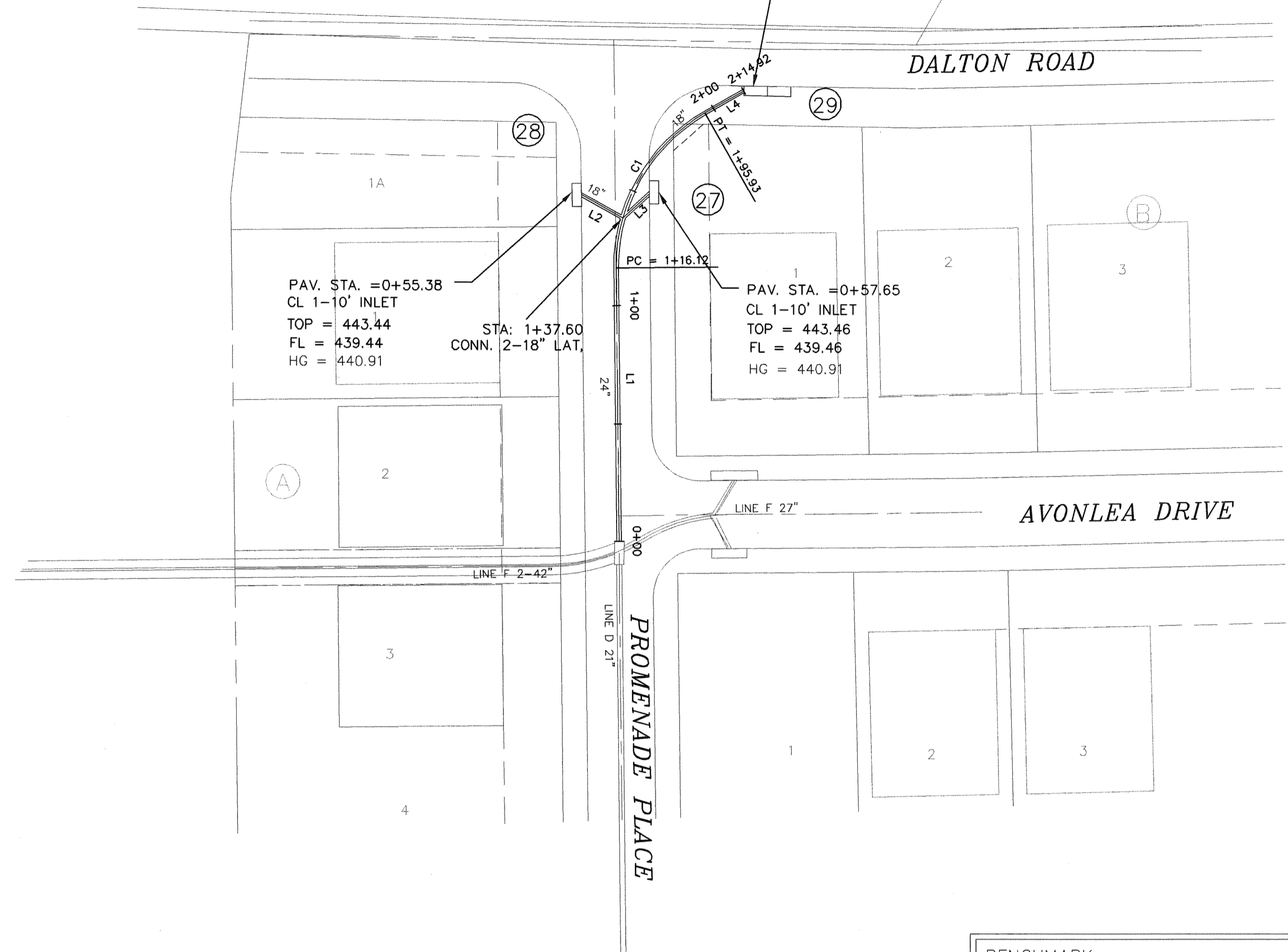
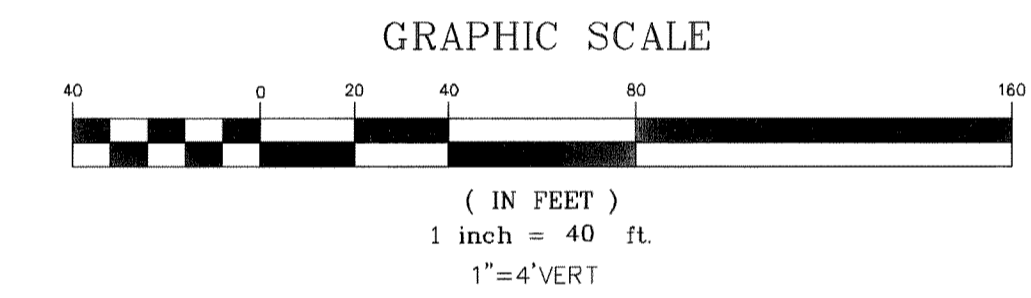


From	To	Length	Box Height	Width	DESIGN Q100	Pipe Size (in)	CAP Q100	FULL V	PARTIAL V	PARTIAL FLOW%	FLOW CHT. No.	Flow Kj	Flow R(ft)	Flow R^2/3	Flow Area	FULL S	DESIGN HGL S	HGL Rise	HGL Number	
STM G																			438.77	START
150.00	0	150			21.45	24	32.86	6.82	7.30	0.65	1.07		0.5000	0.6300	3.1416	0.0090	0.0211	1.3448	440.11	
Junction Loss												1.0000						0.3810	440.50	
212.08	150	62.08			8.28	18	8.28	4.69	4.69	1.00	1.00		0.3750	0.5200	1.7671	0.0062	0.0062	0.3857	440.88	

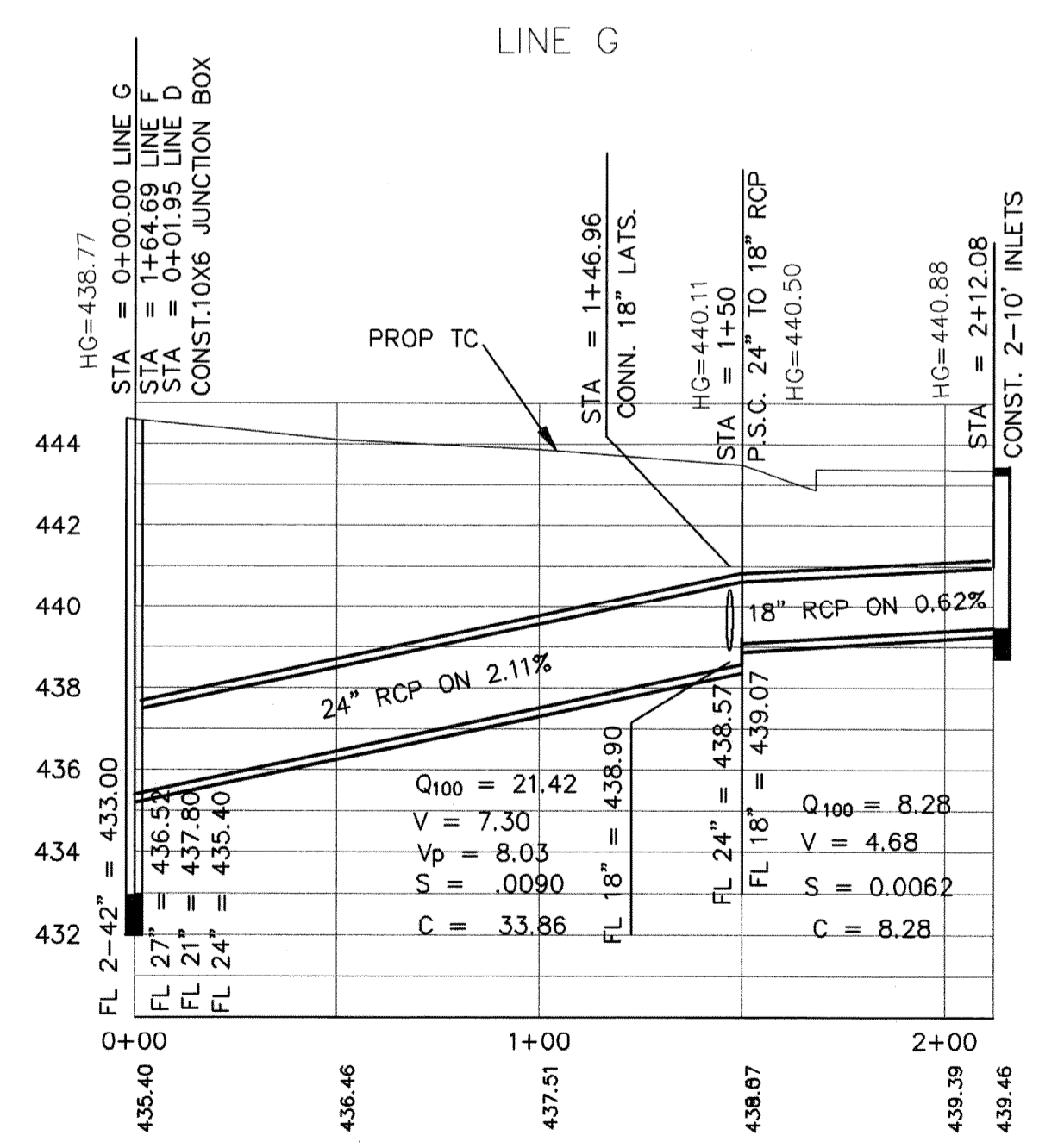


LINE	LENGTH	BEARING
L1	116.12	N00°40'03"W
L2	20.27	N60°40'03"W
L3	15.28	S47°51'07"W
L4	18.98	N60°18'29"E

CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH DIST	CH BRG
C1	79.82	75.00	60°58'32"	44.16	76.40	S29°49'13"W



BENCHMARK:  
CITY OF DALLAS MONUMENT NO. EE81D  
ON NORTH SIDE OF DALTON ROAD 685'±  
EAST OF NORTHWEST CORNER OF THIS  
TRACT. ELEV=463.08



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE BOARD OF PROFESSIONAL ENGINEERS IN THE STATE OF TEXAS P.E. NO. 60102 ON

**DOUPHRADE & 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 G  
PROMENADE HARBOR  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

REVISION	
CHECKED	W.L.D.
DRAWN	K.E.B.
DATE	7/01
PROJECT	0050STM5