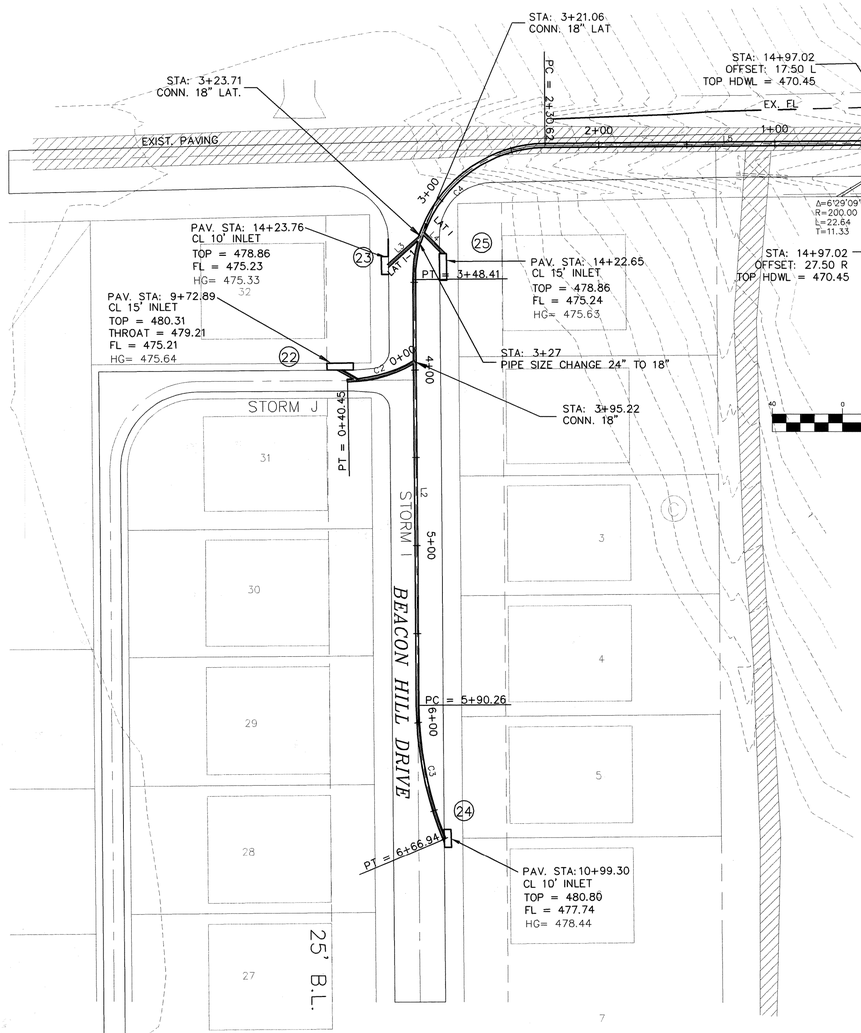


GRAPHIC SCALE

40 0 20 40 80 160

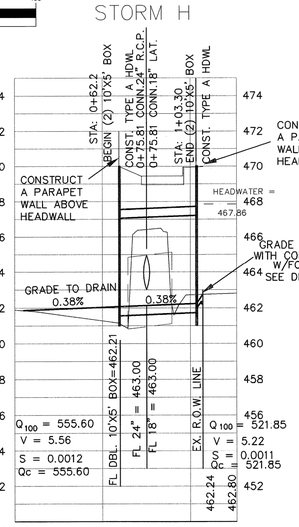
(IN FEET)
1 inch = 40 ft.
1"=4'VERT

BENCHMARK:

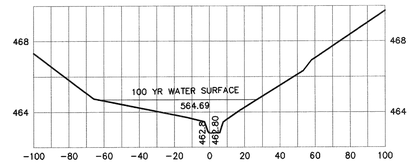
CITY OF DALLAS MONUMENT NO. EE81D ON NORTH SIDE OF DALTON ROAD 685'± EAST OF NORTHWEST CORNER OF THIS TRACT. ELEV=463.08

From	To	Length	Box Height	Box Width	DESIGN Q100	Pipe Size (in)	CAP Q100	FULL V	PARTIAL V	PARTIAL FLOW %	FLOW CHT. No.	Kj	Flow R(ft)	Flow R^2/3	Flow Area	FULL S	DESIGN S	HGL Rise	HGL Number
STM I																			467.86
327.00	0	327			26.89	24	31.91	8.56	8.56	0.84	1.00		0.5000	0.6300	3.1416	0.0141	0.0199	4.6201	472.48
Junction Loss												0.7000						0.1210	472.60
395.22	327	68.22			17.09	18	17.10	9.67	9.67	1.00	1.00		0.3750	0.5200	1.7671	0.0265	0.0219	1.8057	474.41
Junction Loss												1.0000						1.2086	475.62
666.94	395.2	271.72			7	18	15.54	3.96	3.84	0.45	0.97		0.3750	0.5200	1.7671	0.0044	0.0219	1.2066	476.82
STM J								9.17											474.41
												0.3500						1.2751	475.68
34.44	0	34.44			10.09	18	13.25	5.71	6.17	0.76	1.08		0.3750	0.5200	1.7671	0.0092	0.0159	1.7195	476.00
STM H																			467.21
75.81	60	15.81	5	10	277.8		495.26	5.56	5.83	0.56	1.05		1.6667	1.4057	50.0000	0.0012	0.0038	0.0189	467.23
Junction Loss												1.0000						0.0565	467.29
107.00	75.81	31.19	5	10	260.925		495.26	5.22	5.48	0.53	1.05		1.6667	1.4057	50.0000	0.0011	0.0038	0.0329	467.32

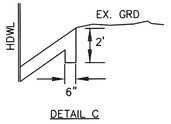
STORM H



CROSSECTION 1+25



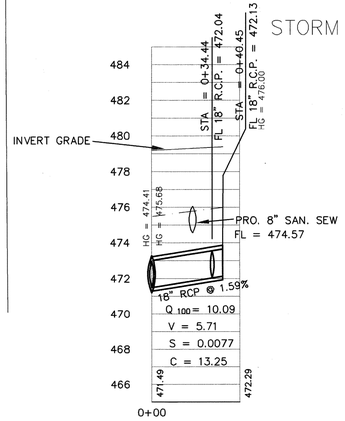
CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CH DIST	CH BRG
C1	84.08	69.18	69°38'29"	48.12	79.00	S56°13'55"W
C2	40.45	75.00	30°54'05"	20.73	39.96	N74°10'42"E
C3	76.69	200.00	21°58'09"	38.82	76.22	S11°21'46"E
C4	117.79	75.00	89°58'54"	74.98	106.05	S44°35'51"W



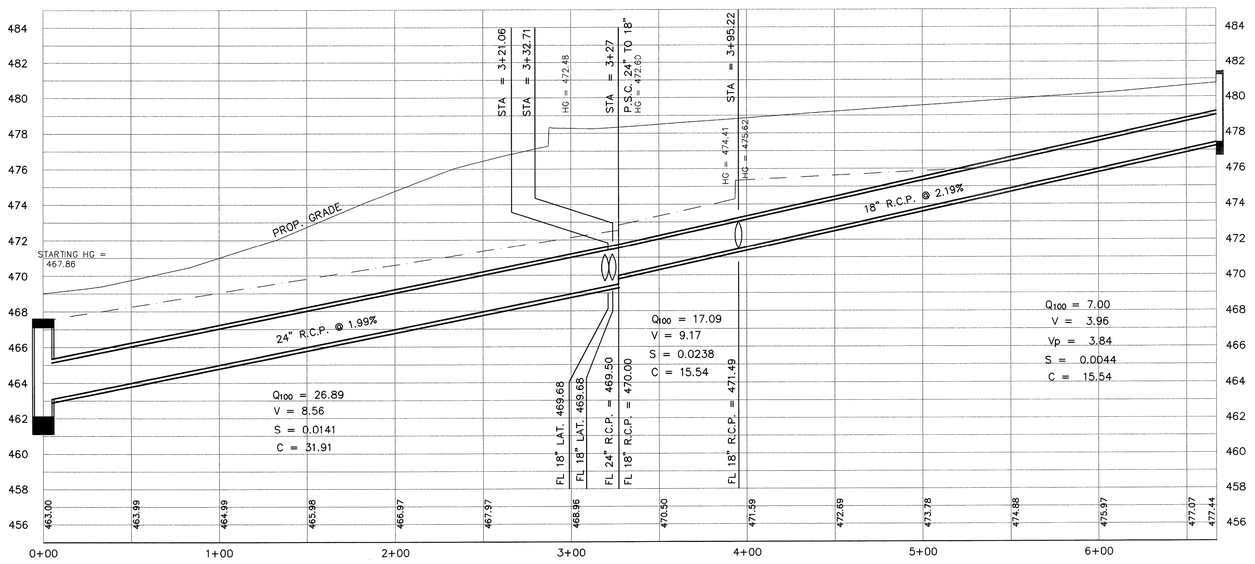
DETAIL C

LINE TABLE		
LINE	LENGTH	BEARING
L1	60.98	N89°36'24"E
L2	241.85	S00°23'36"E
L3	24.61	N48°27'42"E
L4	17.19	N44°44'26"W
L5	207.98	S89°35'19"W
L6	61.20	S45°07'05"E
L7	78.29	N00°24'41"W
L8	53.40	S16°50'17"E
L9	49.51	N64°18'49"W

STORM J



STORM I



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STORM SEWER PLAN & PROFILE
LINES H, I & J
PROMENADE HARBOR
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

REVISION

W.L.D.
CHECKED

K.E.B.
DRAWN

7/01
DATE

0050STM4
PROJECT