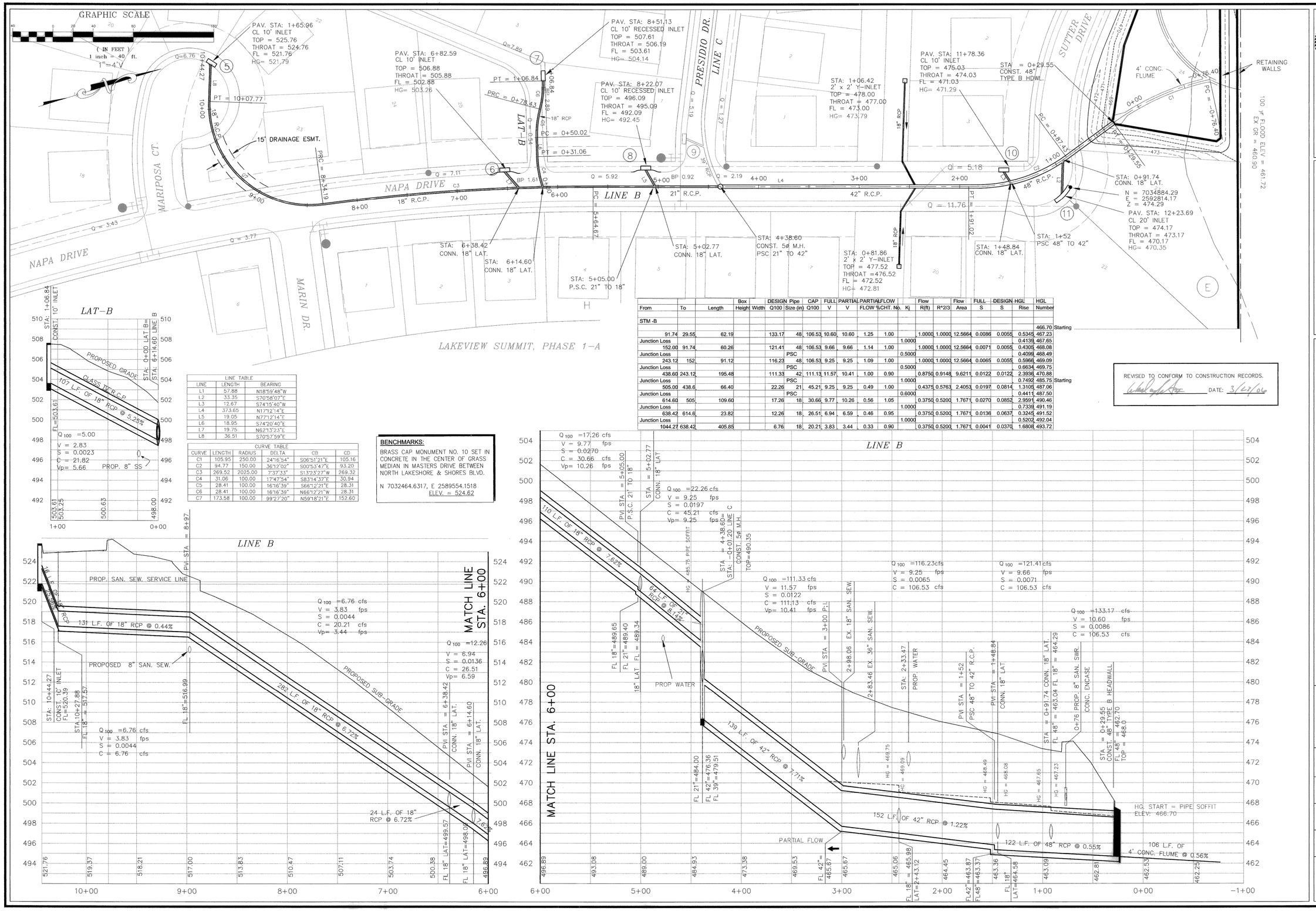

LINE TABLE		
LINE	LENGTH	BEARING
L1	57.88	N18°59'48"W
L2	33.35	S70°58'02"E
L3	12.67	S74°15'40"W
L4	373.65	N17°12'14"E
L5	19.05	N77°12'14"E
L6	18.95	S74°20'40"E
L7	19.75	N62°13'23"E
L8	36.51	S70°57'59"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CB	CD
C1	105.95	250.00	24°16'54"	S06°51'21"E	105.16
C2	94.77	150.00	36°12'02"	S00°53'47"E	93.20
C3	269.52	2025.00	7°37'33"	S13°23'27"W	269.32
C4	31.06	100.00	17°47'54"	S83°14'37"E	30.94
C5	28.41	100.00	16°16'39"	S66°12'21"E	28.31
C6	28.41	100.00	16°16'39"	N66°12'21"W	28.31
C7	173.58	100.00	99°27'20"	N59°18'21"E	152.60

BENCHMARKS:

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. = 524.62

From	To	Length	Box Height	Box Width	DESIGN Q100	Pipe Size (in)	CAP Q100	FULL V	PARTIAL V	PARTIAL FLOW	PARTIAL FLOW %CHT.	No.	Kj	Flow R(ft)	R^2/3	Flow Area	FULL S	DESIGN S	HGL Rise	HGL Number	
STM -B																					
																				466.70	Starting
91.74	29.55	62.19			133.17	48	106.53	10.60	10.60	1.25	1.00			1.0000	1.0000	12.5664	0.0086	0.0055	0.5345	467.23	
Junction Loss													1.0000						0.4139	467.65	
	152.00	91.74			121.41	48	106.53	9.66	9.66	1.14	1.00			1.0000	1.0000	12.5664	0.0071	0.0055	0.4305	468.08	
Junction Loss						PSC							0.5000						0.4099	468.49	
243.12	152	91.12			116.23	48	106.53	9.25	9.25	1.09	1.00			1.0000	1.0000	12.5664	0.0065	0.0055	0.5966	469.09	
Junction Loss						PSC							0.5000						0.6634	469.75	
438.60	243.12	195.48			111.33	42	111.13	11.57	10.41	1.00	0.90			0.8750	0.9148	9.6211	0.0122	0.0122	2.3936	470.88	
Junction Loss						PSC							1.0000						0.7492	485.75	Starting
505.00	438.6	66.40			22.26	21	45.21	9.25	9.25	0.49	1.00			0.4375	0.5763	2.4053	0.0197	0.0814	1.3105	487.06	
Junction Loss						PSC							0.6000						0.4411	487.50	
614.60	505	109.60			17.26	18	30.66	9.77	10.26	0.56	1.05			0.3750	0.5200	1.7671	0.0270	0.0852	2.9591	490.46	
Junction Loss													1.0000						0.7339	491.19	
638.42	614.6	23.82			12.26	18	26.51	6.94	6.59	0.46	0.95			0.3750	0.5200	1.7671	0.0136	0.0637	0.3245	491.52	
Junction Loss													1.0000						0.5202	492.04	
1044.27	638.42	405.85			6.76	18	20.21	3.83	3.44	0.33	0.90			0.3750	0.5200	1.7671	0.0041	0.0370	1.6808	493.72	

REVISED TO CONFORM TO CONSTRUCTION RECORDS.
DATE: 3/23/06

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE P.E. NO. 60102 3/22/06

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 B & LAT-B
LAKEVIEW SUMMIT, PHASE 3
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

REVISION	
CHECKED	W.L.D.
DRAWN	K.E.B.
DATE	10/02
PROJECT	9919-3STM-1