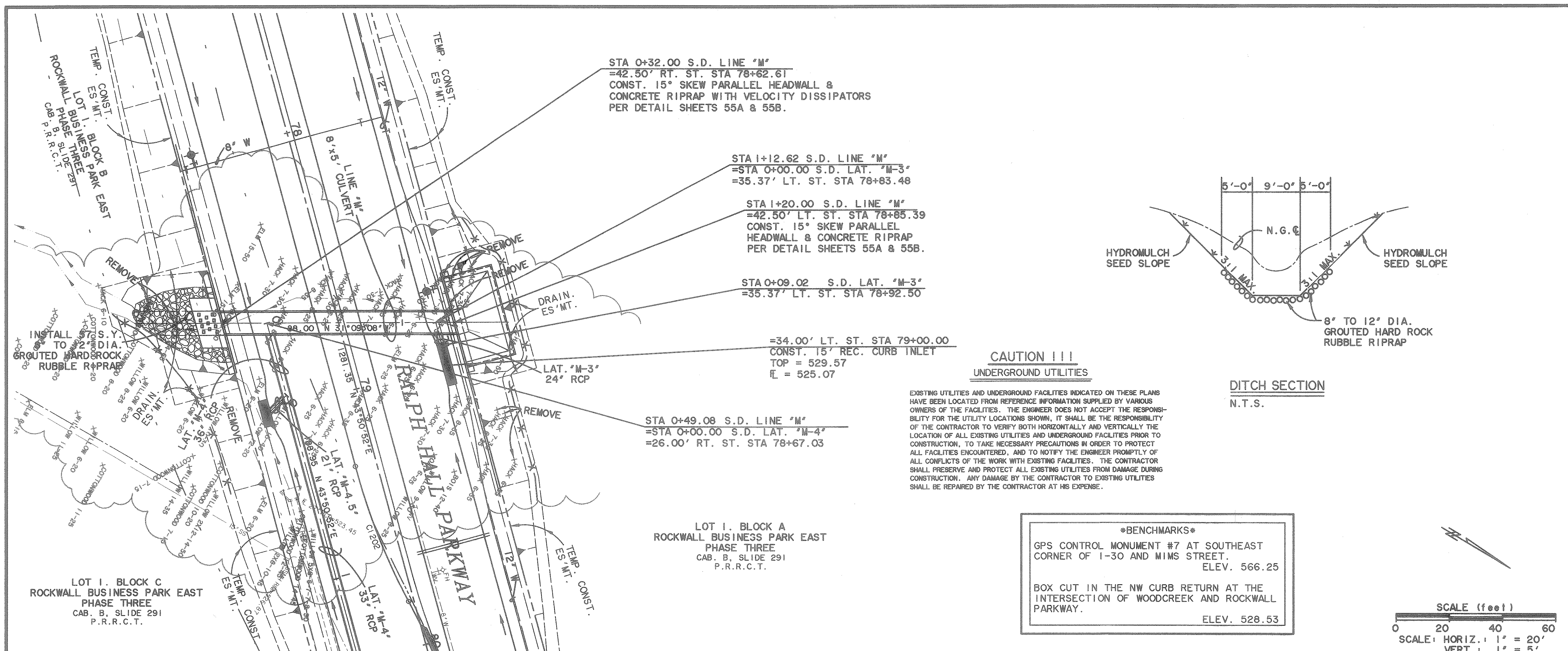
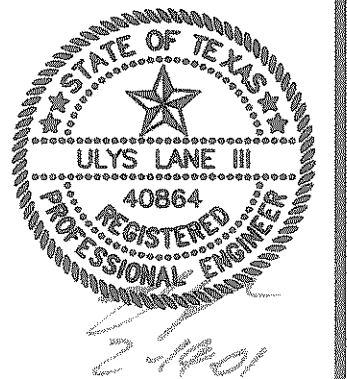


**STORM DRAIN LINE "M"  
 PLAN & PROFILE  
 STA 0+00 TO END**



	S . D . LINE "M"	S . D . LAT . "M - 3"	S . D . LAT . "M - 4 . 4"	S . D . LAT . "M - 4 . 5"	
540					540
	CONCRETE RIPRAP WITH VELOCITY DISSIPATORS PER DETAIL SHEET 55A. H.G. = 526.54 Z.I. = 0.85 H.G. = 526.33				
530	H.G. = 526.13 kj = 0.85 hj = 0.48 H.G. = 525.66	PROPOSED GRADE H.G. = 527.90 kj = 1.25 hj = 1.34 H.G. = 526.57	PROPOSED GRADE TOP = 529.57 H.G. = 526.54	H.G. = 529.72	530
	H.G. = 525.50 DITCH @ +1.80%	N.G.C.	H.G. = 527.34 kj = 1.25 hj = 0.27 H.G. = 527.07	PROPOSED GRADE TOP = 533.60 H.G. = 530.98 kj = 1.25 hj = 0.38 H.G. = 530.60	520
520	8" TO 12" DIA. GROUTED HARD ROCK RUBBLE RIPRAP Q100 = 383.5 cfs Sf = 0.40 % V = 9.6 fps V <sup>2</sup> /2g = 1.43'	88 L.F. 8'x5' CULVERT @ +0.92% SC-NA Q100 = 341.2 cfs Sf = 0.31 % V = 8.5 fps V <sup>2</sup> /2g = 1.12'	5 L.F. 24" RCP @ +20.29% Q100 = 11.7 cfs Sf = 0.27 % V = 3.7 fps V <sup>2</sup> /2g = 0.21'	38 L.F. 18" RCP @ +4.85% Q100 = 7.8 cfs Sf = 0.55 % V = 4.4 fps V <sup>2</sup> /2g = 0.30'	9 L.F. 21" RCP @ +24.52% Q100 = 6.5 cfs Sf = 0.17 % V = 2.7 fps V <sup>2</sup> /2g = 0.11'
510	Q100 = 384.5 cfs Sf = 0.40 % V = 9.6 fps V <sup>2</sup> /2g = 1.43'	PROP. 12" @	Q100 = 101.9 cfs	Q100 = 23.1 cfs	510
	STA 0+04.00 LAT. "M" DITCH @ 520.00	STA 0+32.00 LAT. "M" CONST. 15° SKEW PARALLEL HEADWALL PER DETAIL SHEETS 55A & 55B 8'x5' CULVERT = 520.50	STA 0+49.08 LAT. "M" CONST. 15° SKEW PARALLEL HEADWALL & CONCRETE RIPRAP PER DETAIL SHEETS 55A & 55B 8'x5' CULVERT = 521.31	STA 0+00.00 LAT. "M-4" CONST. 10° STD. CURB INLET 18" = 527.23 18" = 526.61	
	521.13	521.66	521.24	521.10	
	0+00	1+00	0+00	0+00	1+00

TIME: 13:01 FILE: S0PP26.dwg

RECORD PLANS  
 12-17-2002