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CONST. REV.

R / W REV.

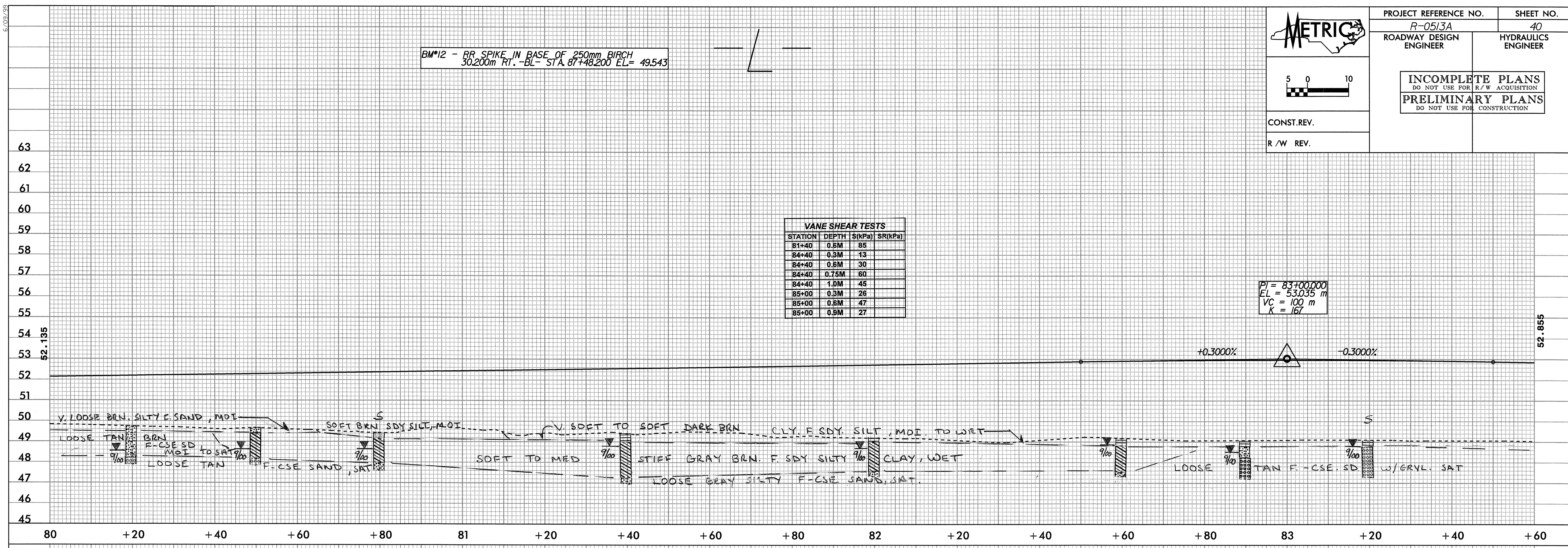
PROJECT REFERENCE NO. R-0513A	SHEET NO. 40
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

BM*12 - RR SPIKE IN BASE OF 250mm BIRCH
30.200m RT. -BL- STA. 87+48.200 EL= 49.543

VANE SHEAR TESTS

STATION	DEPTH	S(kPa)	SR(kPa)
81+40	0.6M	85	
84+40	0.3M	13	
84+40	0.6M	30	
84+40	0.75M	60	
84+40	1.0M	45	
85+00	0.3M	26	
85+00	0.6M	47	
85+00	0.9M	27	

PI = 83+00.000
EL = 53.035 m
VC = 100 m
K = 167

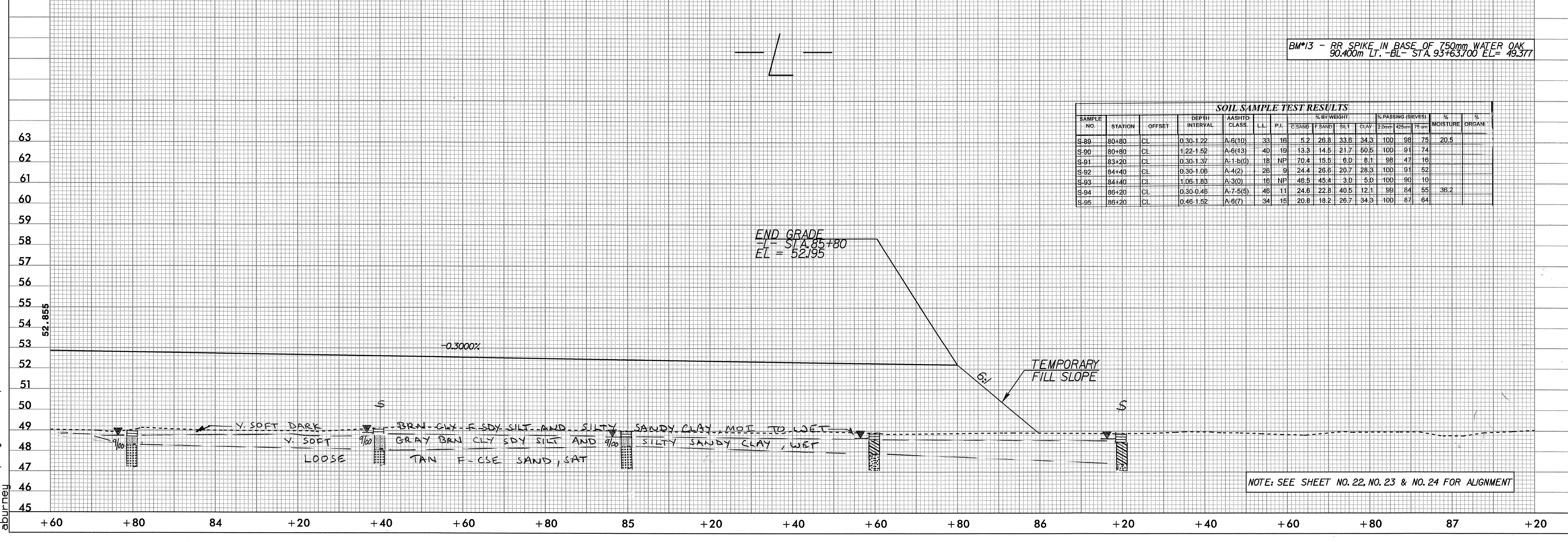


BM*13 - RR SPIKE IN BASE OF 750mm WATER OAK
90.400m LT. -BL- STA. 93+63.700 EL= 49.377

SOIL SAMPLE TEST RESULTS

SAMPLE NO.	STATION	OFFSET	DEPTH INTERVAL	AASHTO CLASS	LL	PI	% BY WEIGHT				% PASSING (SIEVES)			MOISTURE	% ORGANIC
							C SAND	F SAND	SILT	CLAY	2.0mm	425um	75um		
S-88	80+80	CL	0.30-1.22	A-6(10)	33	16	5.2	26.8	33.6	34.3	100	98	75	20.5	
S-90	80+80	CL	1.22-1.52	A-6(13)	40	19	13.3	14.5	21.7	50.5	100	94	74		
S-91	83+20	CL	0.30-1.37	A-1-b(0)	78	NP	70.4	15.5	6.0	8.1	98	47	16		
S-92	84+40	CL	0.30-1.06	A-4(2)	26	9	24.4	26.6	20.7	28.3	100	91	52		
S-93	84+40	CL	1.06-1.83	A-3(0)	16	NP	46.5	45.4	3.0	5.0	100	90	10		
S-94	86+20	CL	0.30-0.46	A-7-5(5)	46	11	24.6	22.8	40.5	12.1	99	84	55	36.2	
S-95	86+20	CL	0.46-1.52	A-6(7)	34	15	20.8	18.2	26.7	34.3	100	87	64		

END GRADE
L- STA. 85+80
EL = 52.195



NOTE: SEE SHEET NO. 22, NO. 23 & NO. 24 FOR ALIGNMENT

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aburney