

DM-9 BIG NAIL IN 12" DIA. HOLES
 5' DOWN AT STATION 160+00
 ELEV. 12.80'

HYDRAULIC DATA
 DRAINAGE STRUCTURE NO. 2

DESIGN AREA	2.28	ACRES
DESIGN FREQUENCY	1.00	YRS
DESIGN DISCHARGE	1.15	CFS
DESIGN OVERTOPPING	2.15	FT
100 YEAR DISCHARGE	1.19	CFS
100 YEAR OVERTOPPING	2.34	FT
OVERTOPPING FREQUENCY	1.00	YRS
OVERTOPPING DISCHARGE	1.18	CFS
OVERTOPPING ELEVATION	12.81	FT

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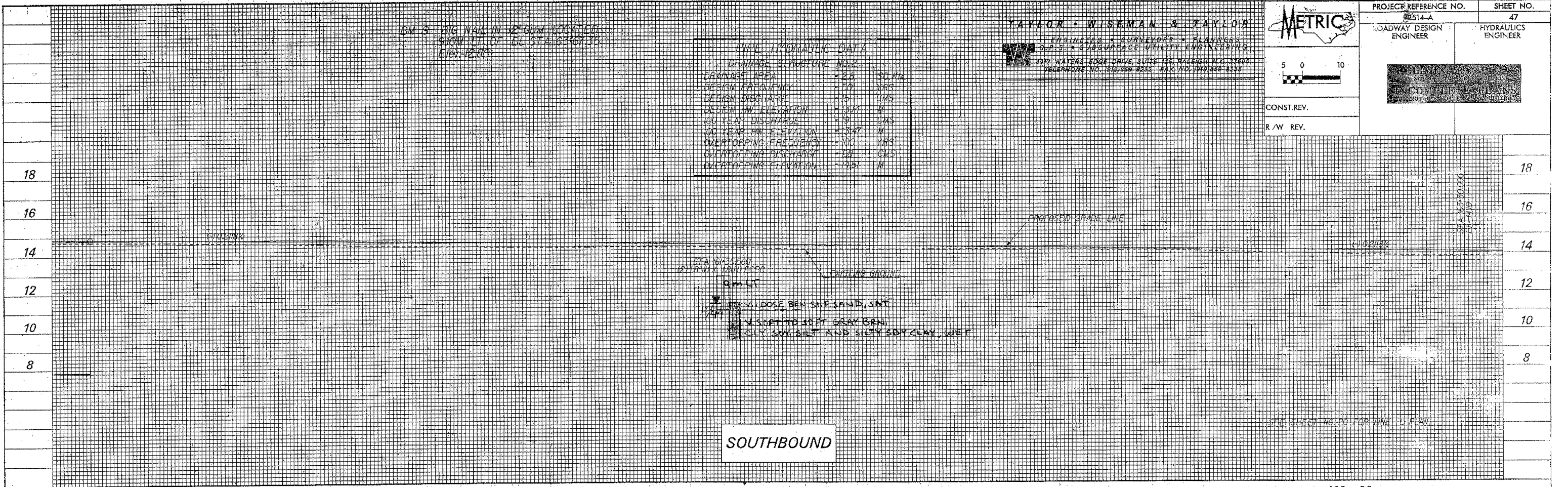
METRICS

5 0 10

CONST. REV.

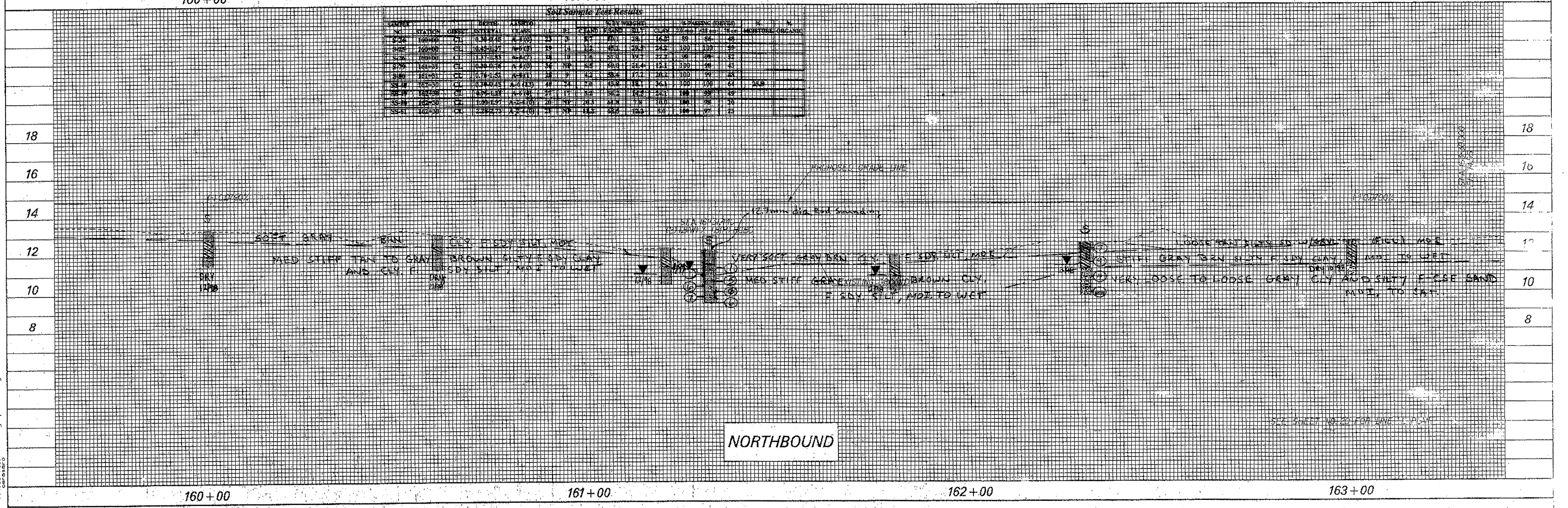
R/W REV.

PROJECT REFERENCE NO.	47
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Soil Sample Test Results

STATION	DEPTH	MOISTURE	LIQUIDITY	PLASTICITY	SOLIDS		SANDS		SILTS		CLAYS	
					Wt. %	Sp. Gr.	No. 20	No. 40	No. 60	No. 100	No. 200	Organic
160+00	0-12"	16.5	40.0	13.5	85	1.28	75	15	10	15	0	
160+00	12-30"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
161+00	0-12"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
161+00	12-30"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
162+00	0-12"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
162+00	12-30"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
163+00	0-12"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	
163+00	12-30"	17.0	40.0	13.5	85	1.28	75	15	10	15	0	



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