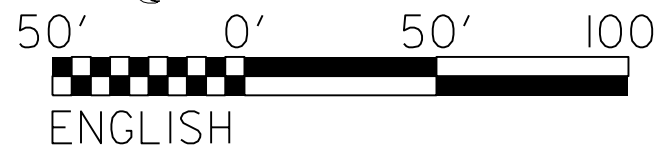


5/14/99

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

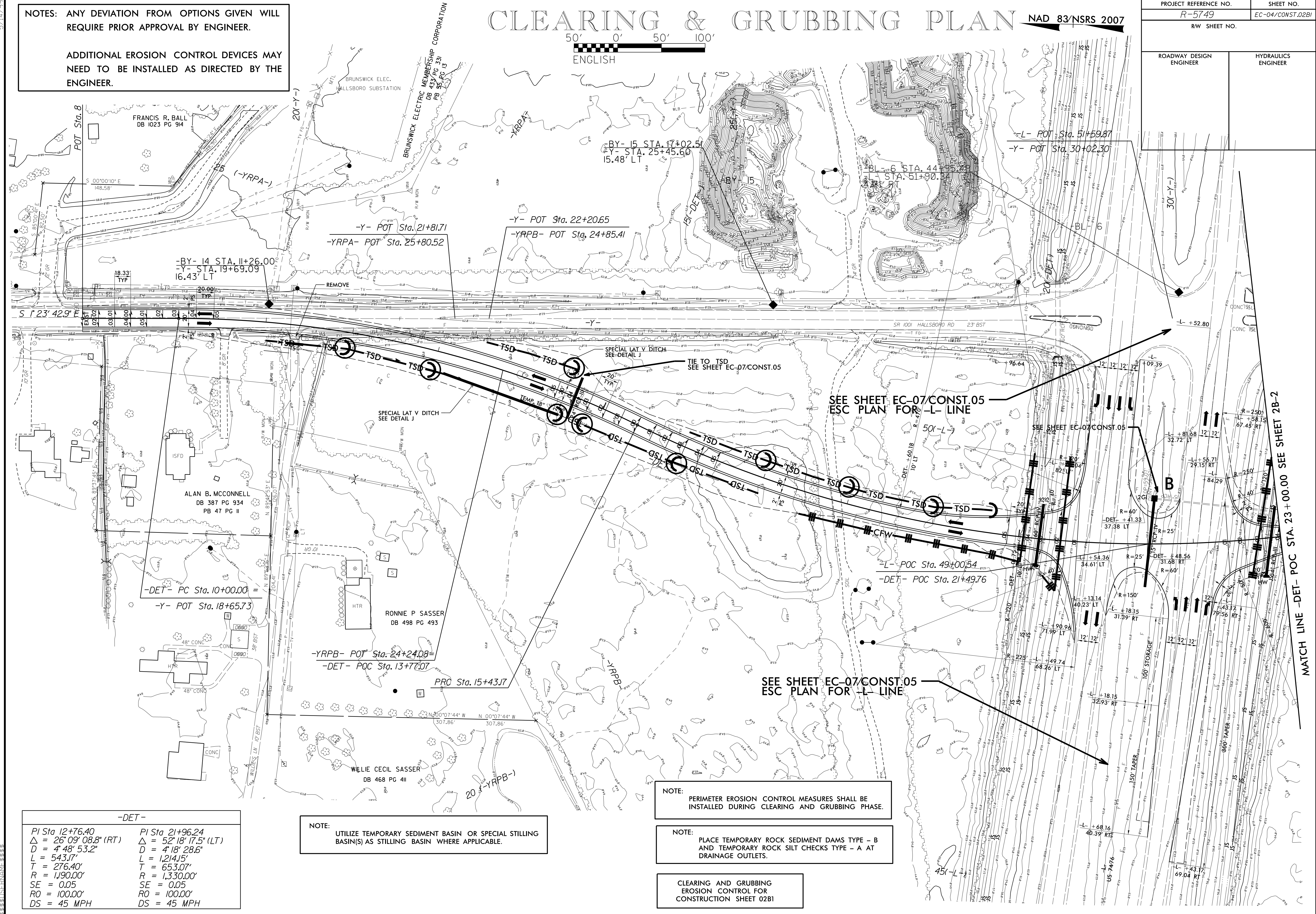
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

CLEARING & GRUBBING PLAN NAD 83/NSRS 2007



PROJECT REFERENCE NO.	SHEET NO.
R-5749	EC-04/CONST.02B1
RW SHEET NO.	

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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-DET-	
PI Sta 12+76.40	PI Sta 21+96.24
$\Delta = 26^{\circ}09'08.8''$ (RT)	$\Delta = 52^{\circ}18'17.5''$ (LT)
D = 4' 48" 53.2"	D = 4' 18" 28.6"
L = 543.17'	L = 1,214.15'
T = 276.40'	T = 653.07'
R = 1,190.00'	R = 1,330.00'
SE = 0.05	SE = 0.05
RO = 100.00'	RO = 100.00'
DS = 45 MPH	DS = 45 MPH

NOTE: UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 02B1

MATCH LINE -DET- POC STA. 23+00.00 SEE SHEET 2B-2