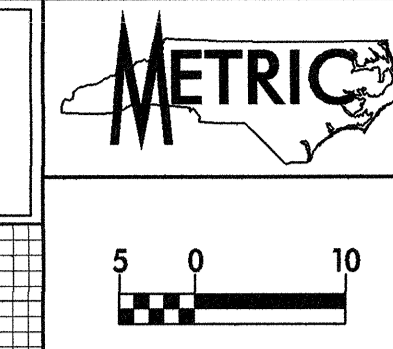


LEFT DITCH - - - - -
 RIGHT DITCH - - - - -
 MEDIAN DITCH - - - - -

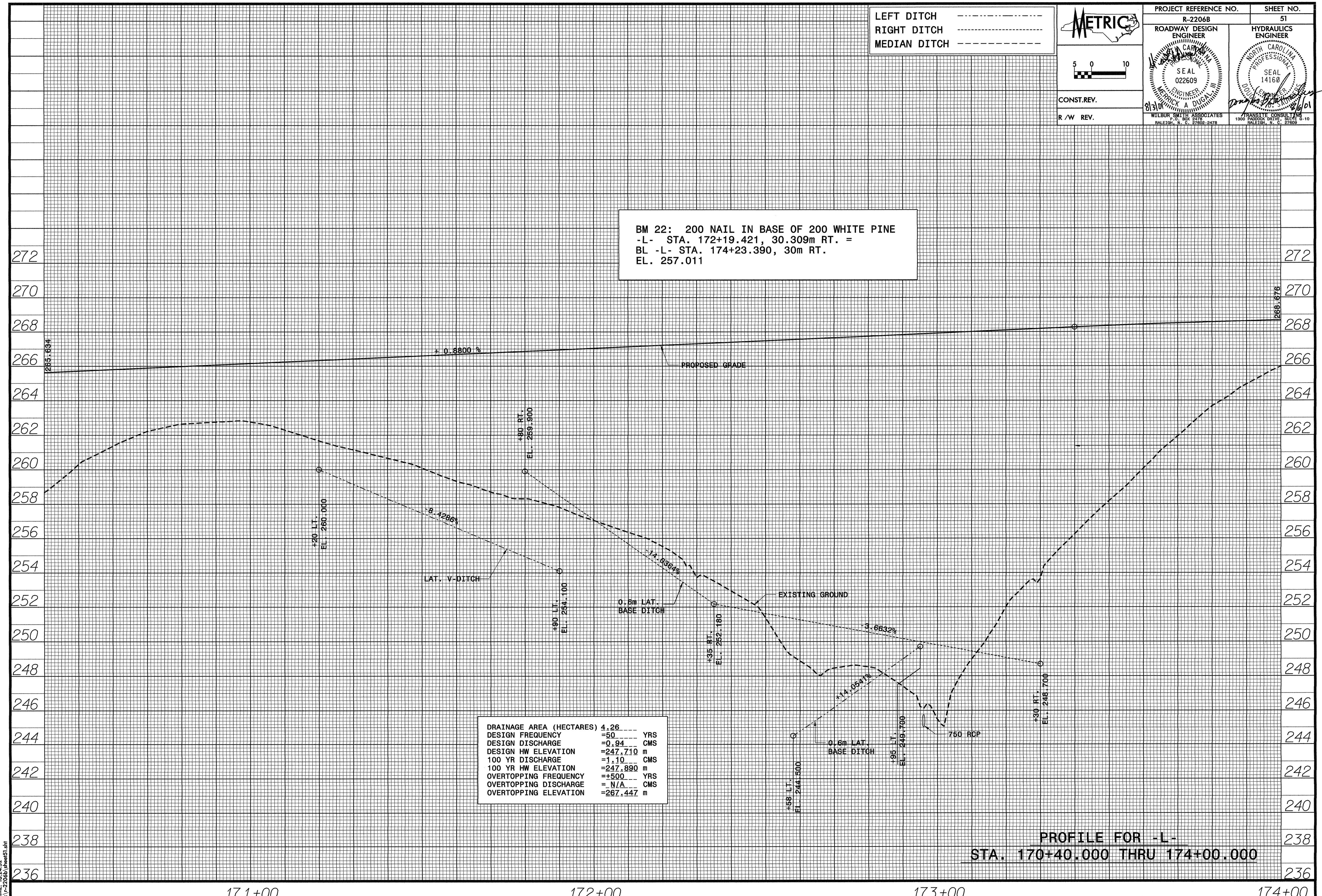


PROJECT REFERENCE NO. R-2206B	SHEET NO. 51
ROADWAY DESIGN ENGINEER MERRICK A. DUGAN SEAL 022609	HYDRAULICS ENGINEER D. J. [Signature] SEAL 14160
CONST. REV.	
R/W REV.	

WILBUR SMITH ASSOCIATES
 1300 PADDOCK DRIVE, SUITE G-10
 RALEIGH, N. C. 27602-2478

TRANSITE CONSULTING
 1300 PADDOCK DRIVE, SUITE G-10
 RALEIGH, N. C. 27602-2478

BM 22: 200 NAIL IN BASE OF 200 WHITE PINE
 -L- STA. 172+19.421, 30.309m RT. =
 BL -L- STA. 174+23.390, 30m RT.
 EL. 257.011



DRAINAGE AREA (HECTARES)	4.26
DESIGN FREQUENCY	=50 YRS
DESIGN DISCHARGE	=0.94 CMS
DESIGN HW ELEVATION	=247.710 m
100 YR DISCHARGE	=1.10 CMS
100 YR HW ELEVATION	=247.890 m
OVERTOPPING FREQUENCY	=+500 YRS
OVERTOPPING DISCHARGE	= N/A CMS
OVERTOPPING ELEVATION	=267.447 m

PROFILE FOR -L-
 STA. 170+40.000 THRU 174+00.000

DATE: 02_AUG_2001
 TIME: 18:24:52
 r:\r-2206b\sheet51.dwg