

LEFT DITCH
 RIGHT DITCH
 MEDIAN DITCH

METRIC

CONST.REV.
 R /W REV.

PROJECT REFERENCE NO. R-2206B SHEET NO. 35

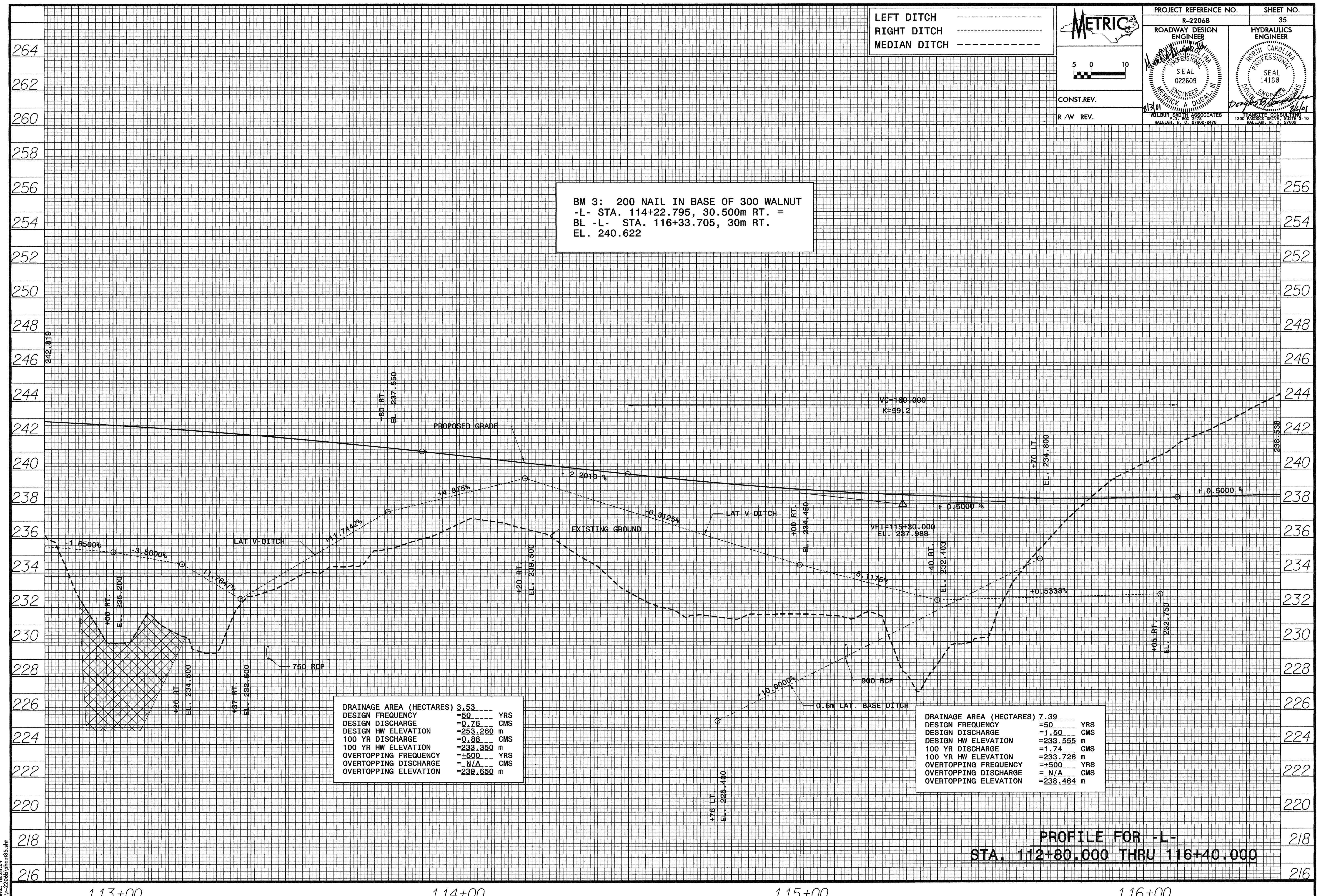
ROADWAY DESIGN ENGINEER
 SEAL 022609
 MERRICK A. DUGAN

HYDRAULICS ENGINEER
 SEAL 14160
 D. J. SMITH

WILBUR SMITH ASSOCIATES
 RALEIGH, N. C. 27602-2478

TRANSLITE CONSULTING
 1300 FABROCK DRIVE, SUITE 8-10
 RALEIGH, N. C. 27609

BM 3: 200 NAIL IN BASE OF 300 WALNUT
 -L- STA. 114+22.795, 30.500m RT. =
 BL -L- STA. 116+33.705, 30m RT.
 EL. 240.622



DRAINAGE AREA (HECTARES)	3.53
DESIGN FREQUENCY	=50 YRS
DESIGN DISCHARGE	=0.76 CMS
DESIGN HW ELEVATION	=253.260 m
100 YR DISCHARGE	=0.88 CMS
100 YR HW ELEVATION	=233.350 m
OVERTOPPING FREQUENCY	=+500 YRS
OVERTOPPING DISCHARGE	= N/A CMS
OVERTOPPING ELEVATION	=239.650 m

DRAINAGE AREA (HECTARES)	7.39
DESIGN FREQUENCY	=50 YRS
DESIGN DISCHARGE	=1.50 CMS
DESIGN HW ELEVATION	=233.555 m
100 YR DISCHARGE	=1.74 CMS
100 YR HW ELEVATION	=233.726 m
OVERTOPPING FREQUENCY	=+500 YRS
OVERTOPPING DISCHARGE	= N/A CMS
OVERTOPPING ELEVATION	=238.464 m

PROFILE FOR -L-
 STA. 112+80.000 THRU 116+40.000

DATE: 02 AUG 2001
 TIME: 18:24:24
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