

5/28/23

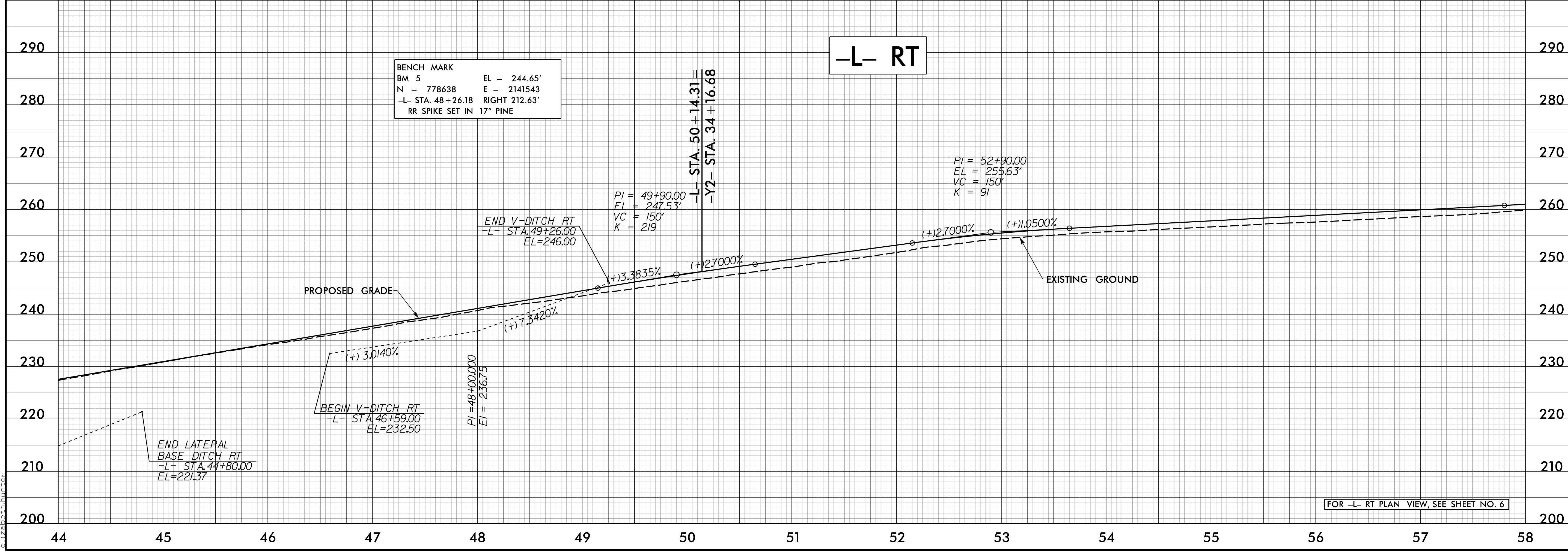
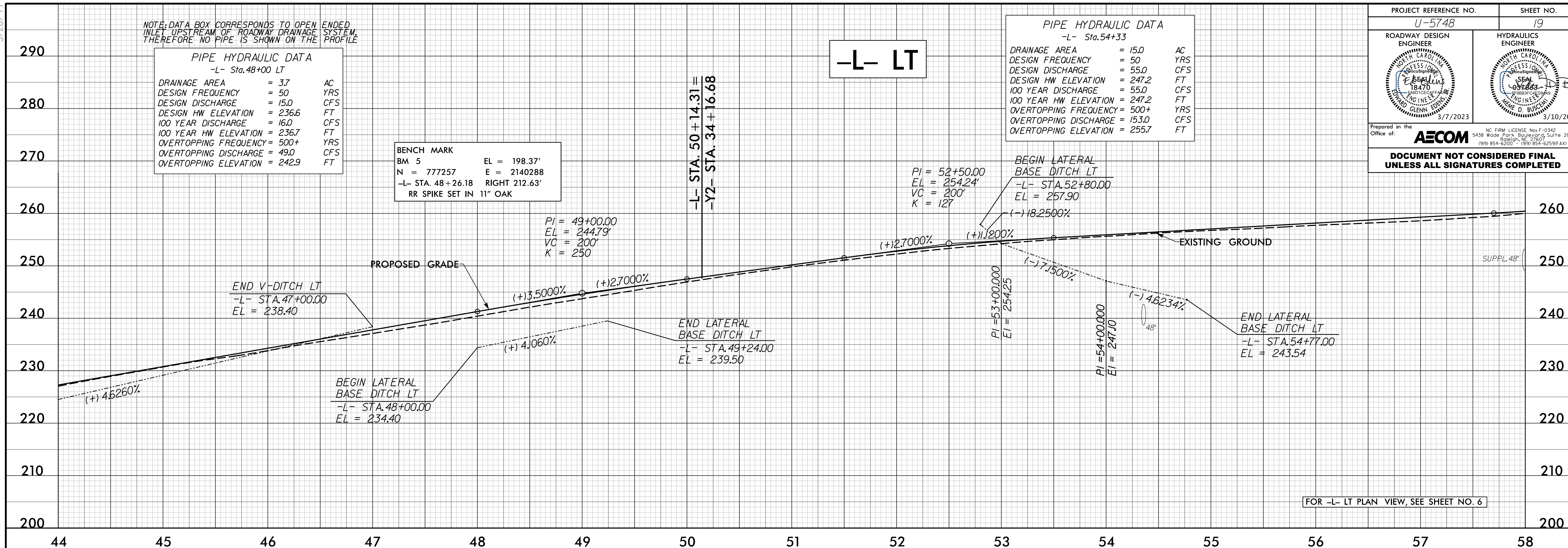
NOTE: DATA BOX CORRESPONDS TO OPEN ENDED INLET UPSTREAM OF ROADWAY DRAINAGE SYSTEM THEREFORE NO PIPE IS SHOWN ON THE PROFILE

PIPE HYDRAULIC DATA	
-L- Sta. 48+00 LT	
DRAINAGE AREA	= 3.7 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 15.0 CFS
DESIGN HW ELEVATION	= 236.6 FT
100 YEAR DISCHARGE	= 16.0 CFS
100 YEAR HW ELEVATION	= 236.7 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 49.0 CFS
OVERTOPPING ELEVATION	= 242.9 FT

BENCH MARK	
BM 5	EL = 198.37'
N = 777257	E = 2140288
-L- STA. 48+26.18	RIGHT 212.63'
RR SPIKE SET IN 11" OAK	

PIPE HYDRAULIC DATA	
-L- Sta. 54+33	
DRAINAGE AREA	= 15.0 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 55.0 CFS
DESIGN HW ELEVATION	= 247.2 FT
100 YEAR DISCHARGE	= 55.0 CFS
100 YEAR HW ELEVATION	= 247.2 FT
OVERTOPPING FREQUENCY	= 500+ YRS
OVERTOPPING DISCHARGE	= 153.0 CFS
OVERTOPPING ELEVATION	= 255.7 FT

PROJECT REFERENCE NO. <b>U-5748</b>	SHEET NO. <b>19</b>
ROADWAY DESIGN ENGINEER <i>[Signature]</i> 3/7/2023	HYDRAULICS ENGINEER <i>[Signature]</i> 3/10/2023
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