

5/14/24

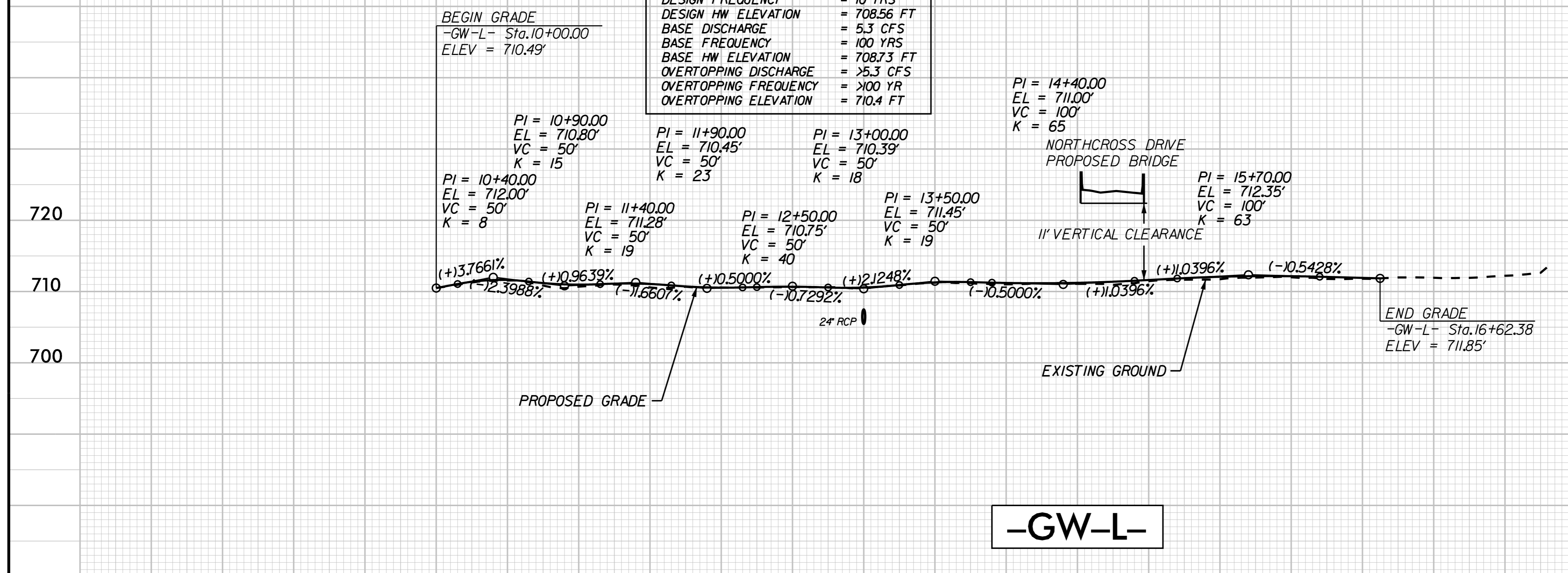
Kimley»Horn
 NC LICENSE #F-0102
 200 SOUTH TRYON, SUITE 200
 CHARLOTTE, N.C. 28202
 RIGHT-OF-WAY REV.
 CONST. REV.

PROJECT REFERENCE NO. U-5108	SHEET NO. 18
ROADWAY DESIGN ENGINEER ANTHONY J. SPALEY SEAL 034207 4/12/2024	HYDRAULICS ENGINEER JASON LEWIS SEAL 032615 4/12/2024

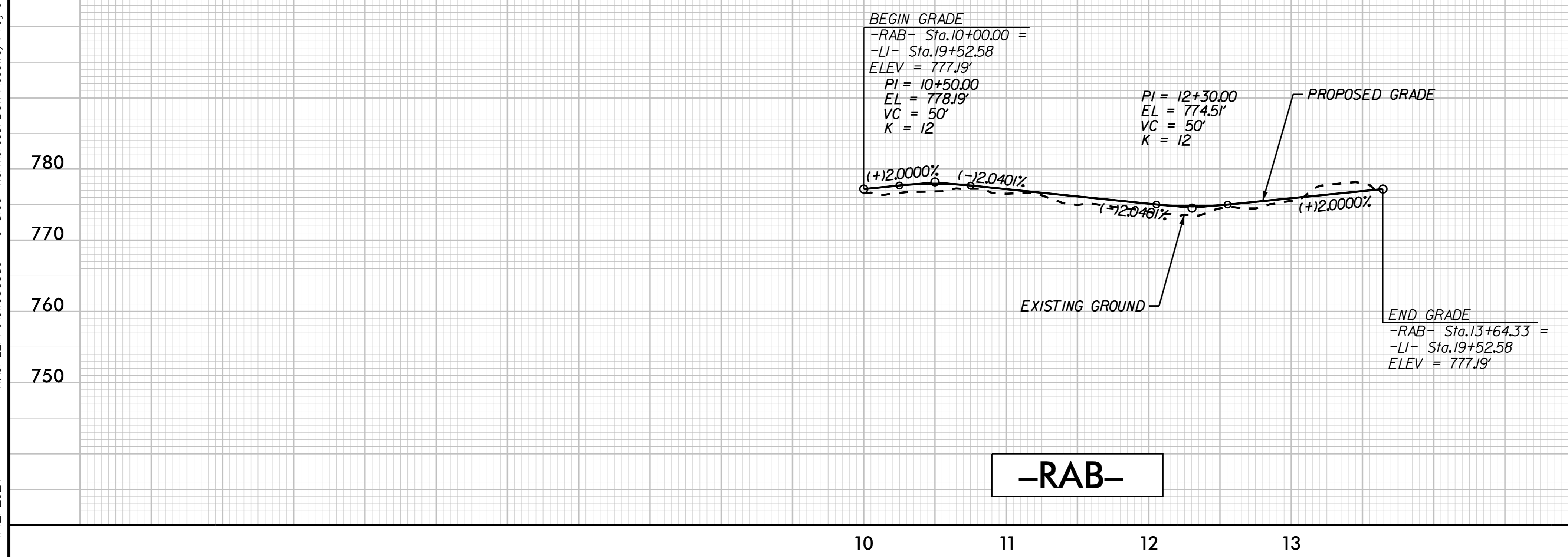
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

CULVERT HYDRAULIC DATA
 1 @ 24" RCP
 (DO NOT BURY)

DESIGN DISCHARGE	= 4.0 CFS
DESIGN FREQUENCY	= 10 YRS
DESIGN HW ELEVATION	= 708.56 FT
BASE DISCHARGE	= 5.3 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 708.73 FT
OVERTOPPING DISCHARGE	= >5.3 CFS
OVERTOPPING FREQUENCY	= >100 YR
OVERTOPPING ELEVATION	= 710.4 FT



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4/12/2024