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5/28/99

TGS ENGINEERS
706 HILLSBOROUGH ST. SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

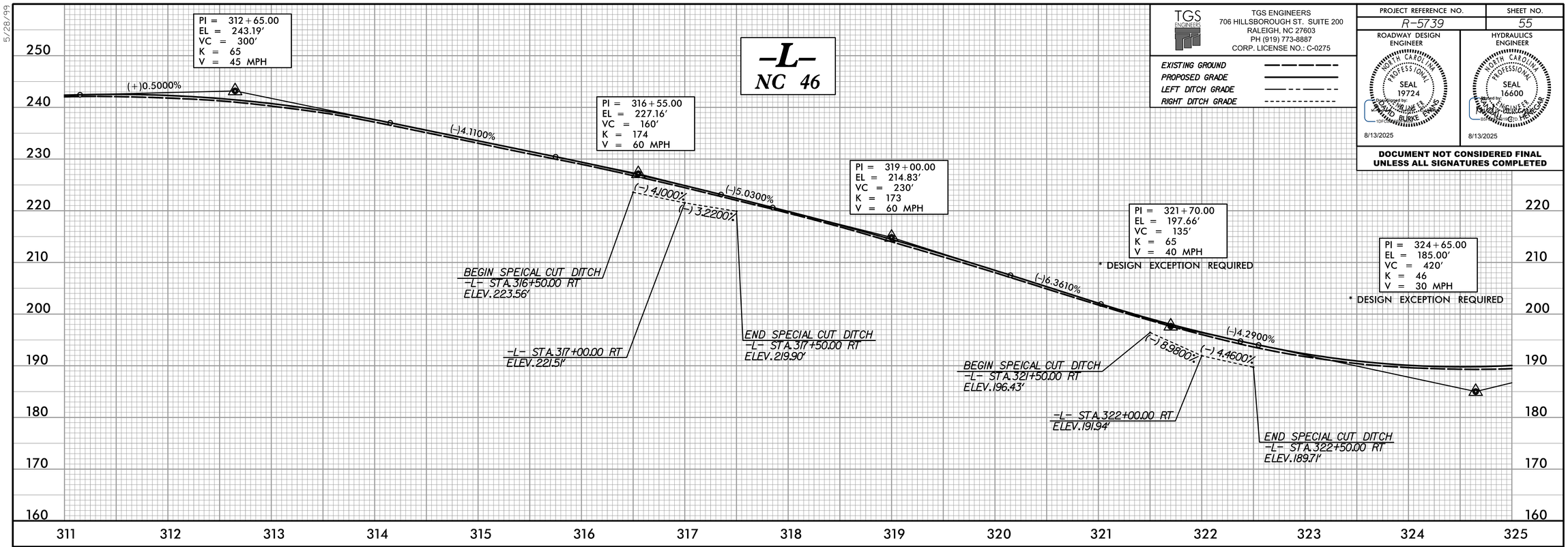
PROJECT REFERENCE NO.	SHEET NO.
R-5739	55

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19724 ENGINEER DAVID M. BURKE EVANS
Digitally signed by: DAVID M. BURKE EVANS
DocuSigned by: 10F0A5B4...
8/13/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16600 ENGINEER RANDAL K. HINEMAN
Digitally signed by: RANDAL K. HINEMAN
DocuSigned by: 1DF0A5B4...
8/13/2025

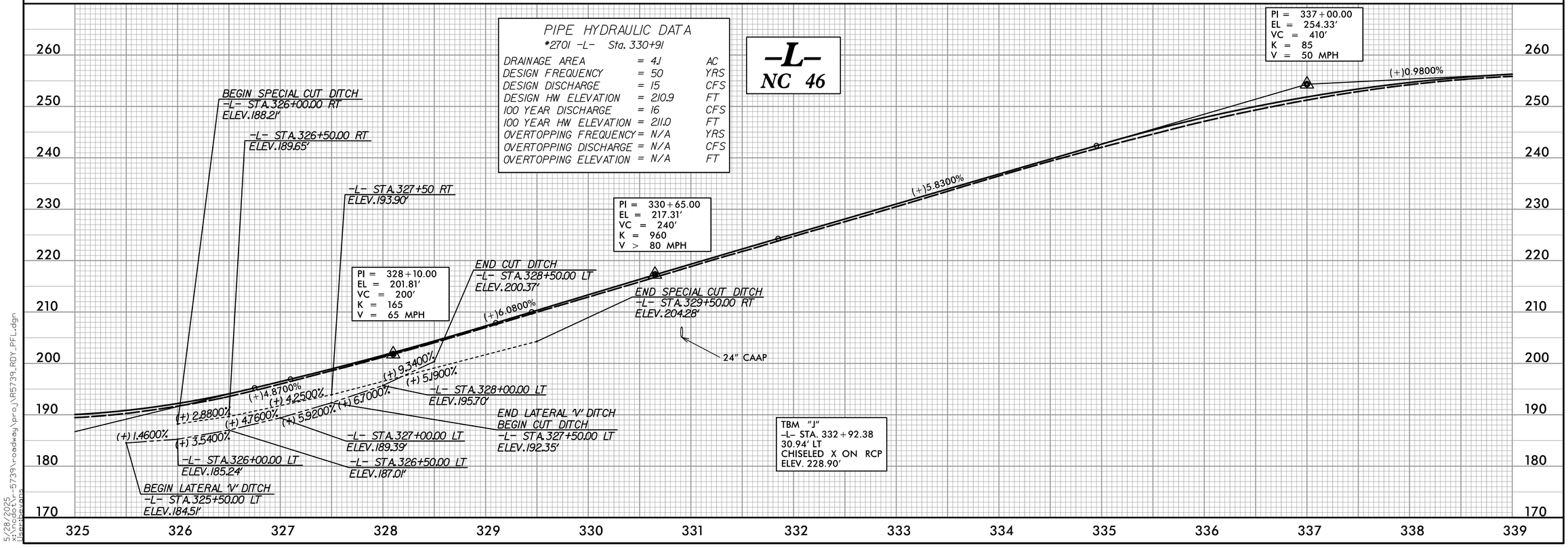
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EXISTING GROUND	
PROPOSED GRADE	
LEFT DITCH GRADE	
RIGHT DITCH GRADE	



PIPE HYDRAULIC DATA
*2701 -L- Sta. 330+91

DRAINAGE AREA	= 4.1	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 15	CFS
DESIGN HW ELEVATION	= 210.9	FT
100 YEAR DISCHARGE	= 16	CFS
100 YEAR HW ELEVATION	= 211.0	FT
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= N/A	FT



5/28/2025
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User:evans