

5/28/20

**PIPE HYDRAULIC DATA**

54" STEEL Sta. 259+45  
EXISTING 36" RCP Sta. 260+14

DRAINAGE AREA	= 102	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 150	CFS
DESIGN HW ELEVATION	= 158.5	FT
100 YEAR DISCHARGE	= 160	CFS
100 YEAR HW ELEVATION	= 158.8	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 235	CFS
OVERTOPPING ELEVATION	= 161.8	FT

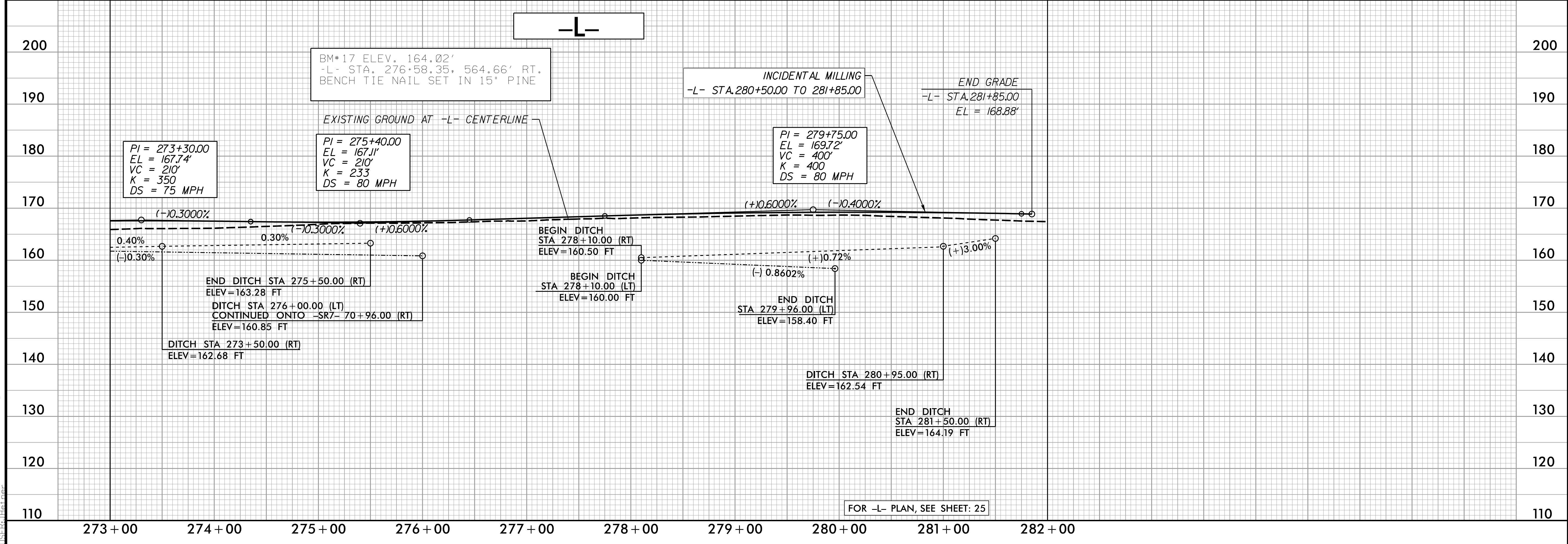
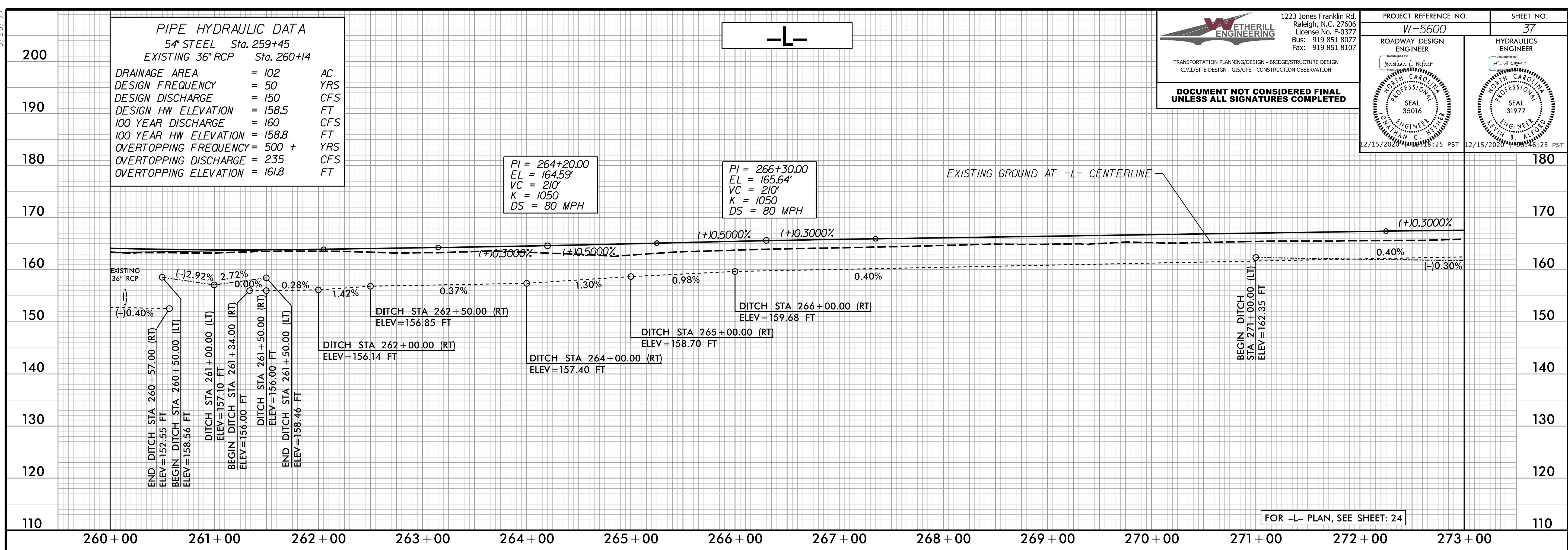
**WETHERILL ENGINEERING**

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

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

PROJECT REFERENCE NO.	W-5600	SHEET NO.	37
ROADWAY DESIGN ENGINEER	<i>Jonathan L. Peifer</i>	HYDRAULICS ENGINEER	<i>K. B. Capps</i>
SEAL	35016	SEAL	31977
DATE	12/15/2020	DATE	12/15/2020



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