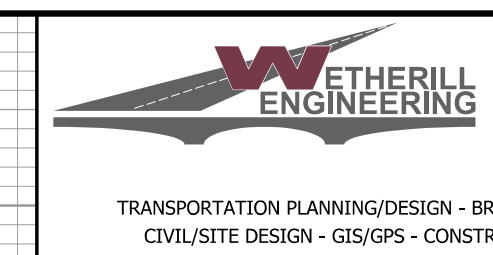


5/28/22

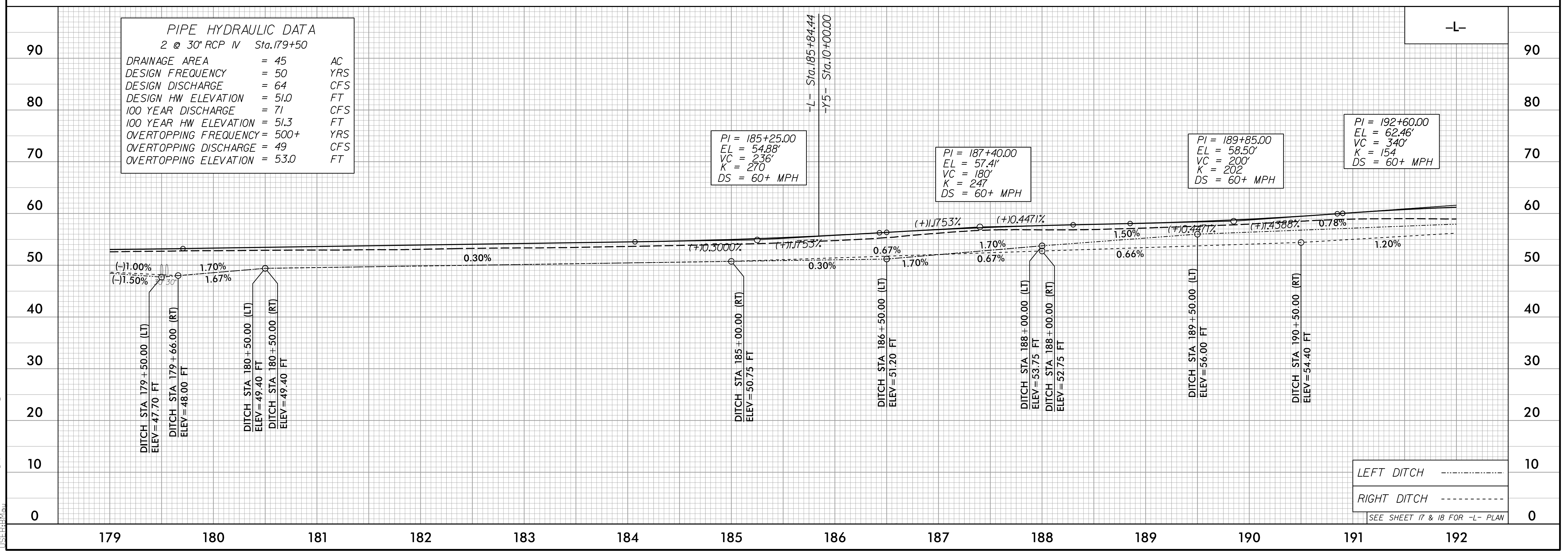
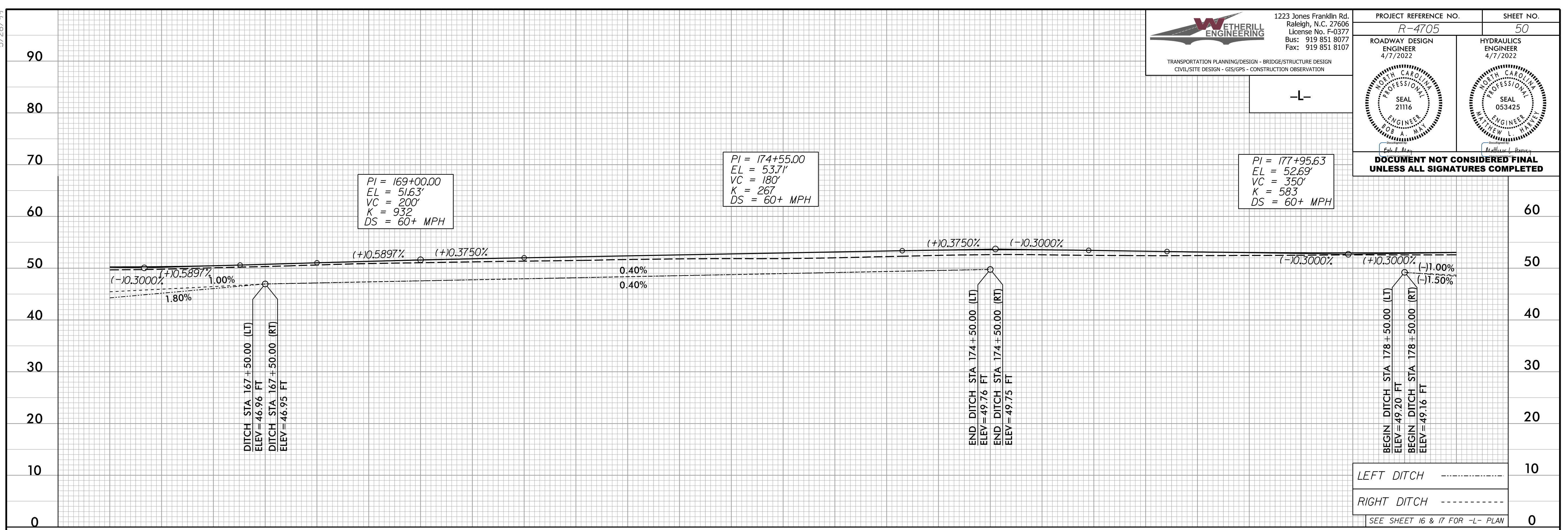


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Bus: 919 851 8077
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. R-4705	SHEET NO. 50
ROADWAY DESIGN ENGINEER 4/7/2022 	HYDRAULICS ENGINEER 4/7/2022

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



PIPE HYDRAULIC DATA
2 @ 30" RCP IV Sta. 179+50

DRAINAGE AREA	= 45	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 64	CFS
DESIGN HW ELEVATION	= 51.0	FT
100 YEAR DISCHARGE	= 71	CFS
100 YEAR HW ELEVATION	= 51.3	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 49	CFS
OVERTOPPING ELEVATION	= 53.0	FT

3/16/2022 R4705_Rdy_psh_50_PFL.dgn
JUSE@BAY