

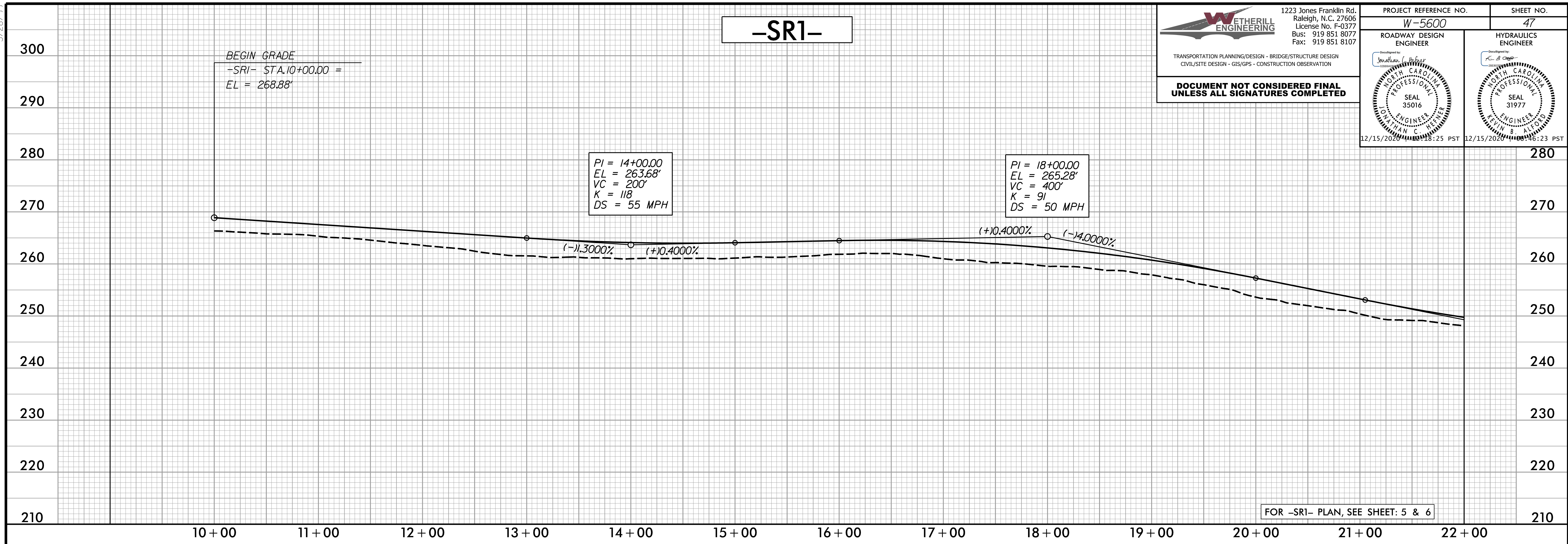
5/28/99

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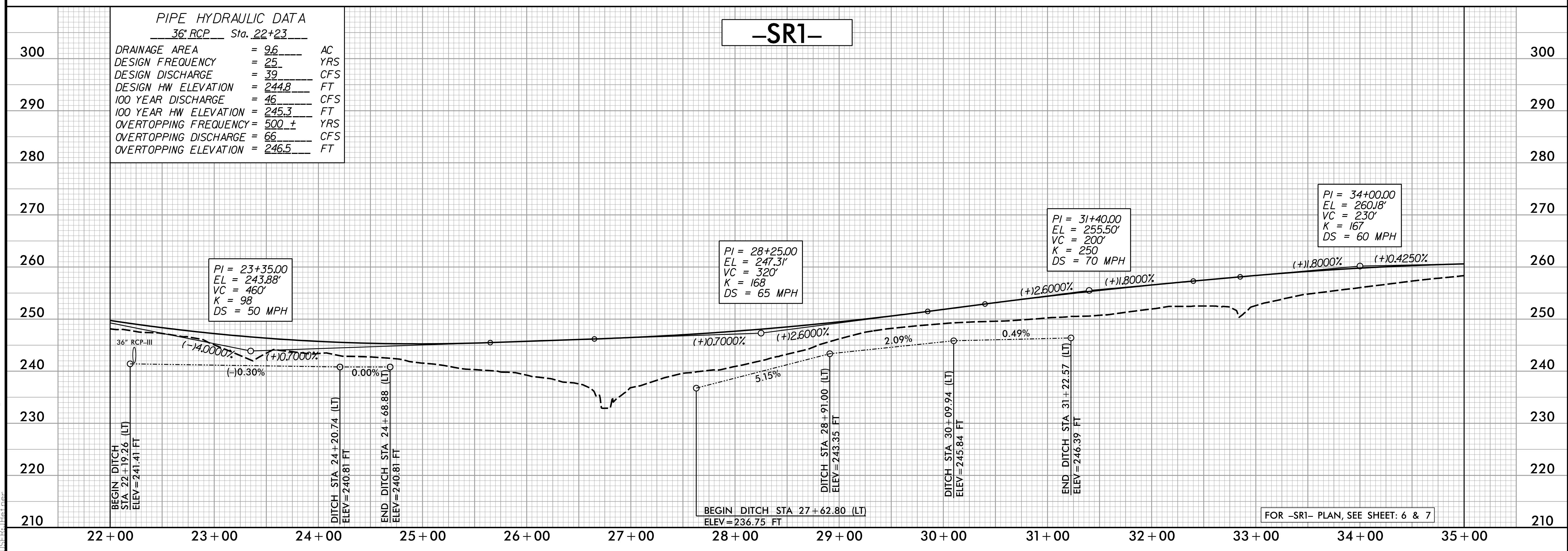
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

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

PROJECT REFERENCE NO. <b>W-5600</b>	SHEET NO. <b>47</b>
ROADWAY DESIGN ENGINEER <i>[Signature]</i>	HYDRAULICS ENGINEER <i>[Signature]</i>
SEAL 35016 12/15/2020 16:23 PST	SEAL 31977 12/15/2020 16:23 PST



FOR -SR1- PLAN, SEE SHEET: 5 & 6



**PIPE HYDRAULIC DATA**  
 36" RCP Sta. 22+23

DRAINAGE AREA	= 96	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 39	CFS
DESIGN HW ELEVATION	= 244.8	FT
100 YEAR DISCHARGE	= 46	CFS
100 YEAR HW ELEVATION	= 245.3	FT
OVERTOPPING FREQUENCY	= 500 ±	YRS
OVERTOPPING DISCHARGE	= 66	CFS
OVERTOPPING ELEVATION	= 246.5	FT

FOR -SR1- PLAN, SEE SHEET: 6 & 7

12/14/2020 11:58:13 AM  
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