

5/28/19

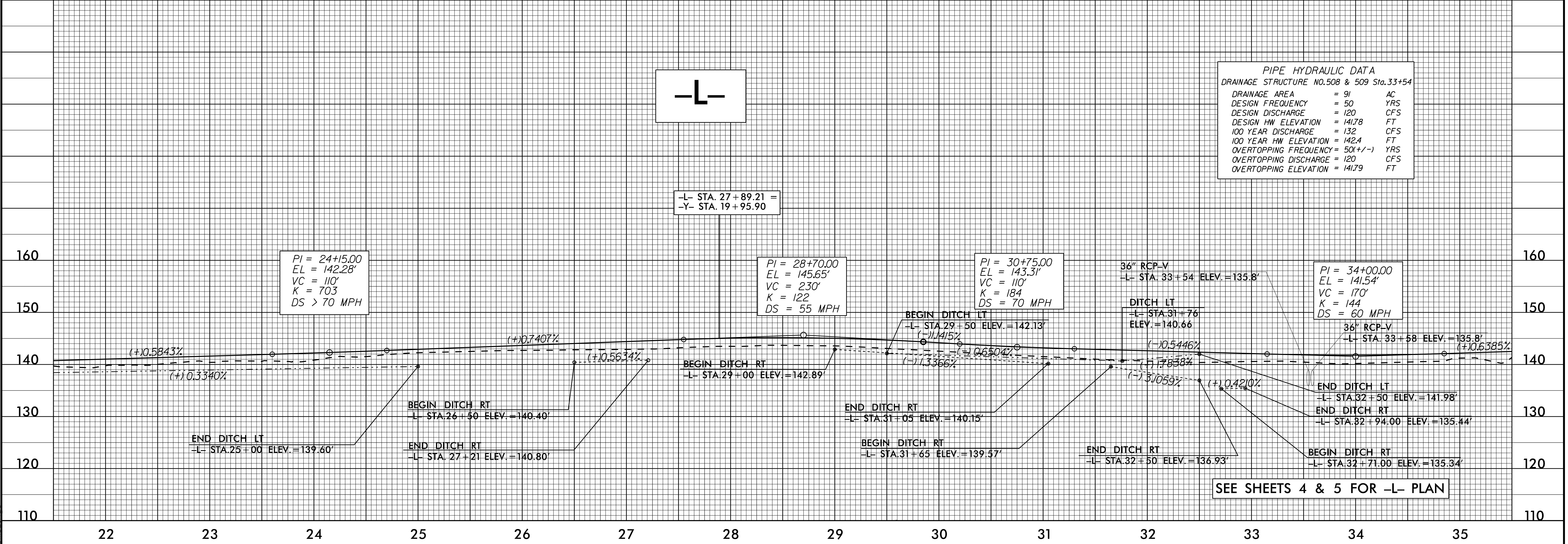
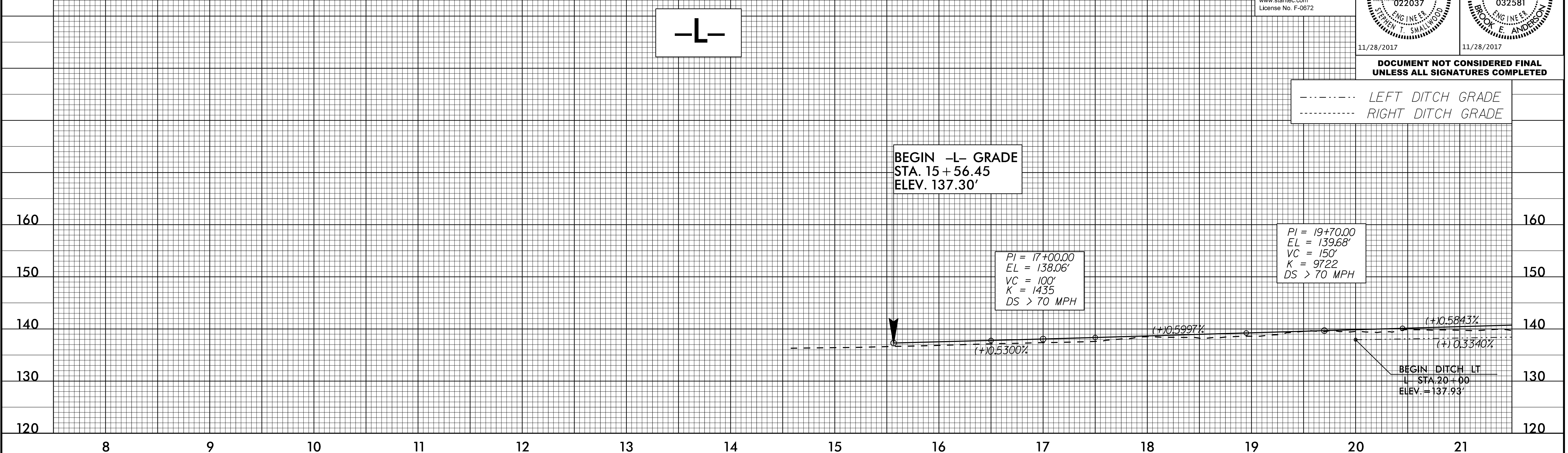


Stantec Consulting Services Inc.  
801 Jones Franklin Road  
Suite 300  
Raleigh, NC 27606  
Tel: (919) 851-6866  
Fax: (919) 851-7024  
www.stantec.com  
License No. F-0672

PROJECT REFERENCE NO. <b>U-3334B</b>	SHEET NO. <b>15</b>
ROADWAY DESIGN ENGINEER SEAL STEPHEN T. SMALLWOOD 022037 11/28/2017	HYDRAULICS ENGINEER SEAL BROOK E. ANDERSON 032581 11/28/2017

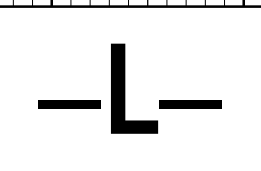
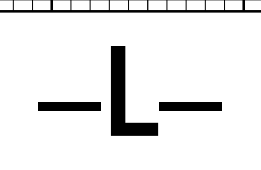
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

----- LEFT DITCH GRADE  
----- RIGHT DITCH GRADE



**PIPE HYDRAULIC DATA**  
DRAINAGE STRUCTURE NO. 508 & 509 Sta. 33+54

DRAINAGE AREA	= 91	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 120	CFS
DESIGN HW ELEVATION	= 141.78	FT
100 YEAR DISCHARGE	= 132	CFS
100 YEAR HW ELEVATION	= 142.4	FT
OVERTOPPING FREQUENCY	= 50(+/-)	YRS
OVERTOPPING DISCHARGE	= 120	CFS
OVERTOPPING ELEVATION	= 141.79	FT



SEE SHEETS 4 & 5 FOR -L- PLAN

11/21/2017  
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