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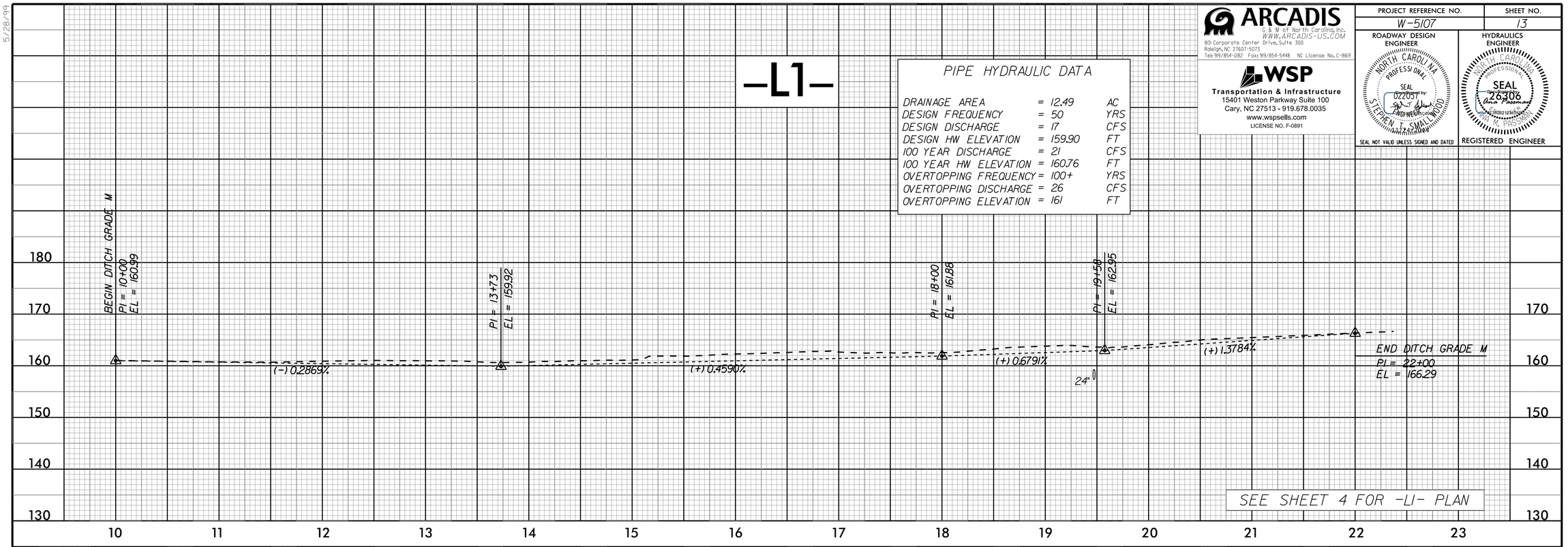
5/28/99

-L1-

PIPE HYDRAULIC DATA

DRAINAGE AREA	=	12.49	AC
DESIGN FREQUENCY	=	50	YRS
DESIGN DISCHARGE	=	17	CFS
DESIGN HW ELEVATION	=	159.90	FT
100 YEAR DISCHARGE	=	21	CFS
100 YEAR HW ELEVATION	=	160.76	FT
OVERTOPPING FREQUENCY	=	100+	YRS
OVERTOPPING DISCHARGE	=	26	CFS
OVERTOPPING ELEVATION	=	161	FT



SEE SHEET 4 FOR -L1- PLAN

ARCADIS
C & M of North Carolina, Inc.
WWW.ARCADIS-US.COM
801 Corporate Center Drive, Suite 300
Raleigh, NC 27607-5073
Tel: 919/854-1282 Fax: 919/854-5448 NC License No. C-1869

WSP
Transportation & Infrastructure
15401 Weston Parkway Suite 100
Cary, NC 27513 - 919.678.0035
www.wspsells.com
LICENSE NO. F-0891

PROJECT REFERENCE NO.	SHEET NO.
W-5107	13

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022051 ENGINEER STEPHEN T. SMALLWOOD
Digitally signed by: Stephen T. Smallwood
SEAL NOT VALID UNLESS SIGNED AND DATED

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26306 ENGINEER DAVID M. PASSMORE
Digitally signed by: David M. Passmore
REGISTERED ENGINEER

1/24/2014
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ARCADIS C&M of NC\jpc-smallwood