DocuSign Envelope ID: 55F7BF8B-9DAA-4D23-9D82-C07D79675971

5/28/99

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Cary, NC 27513 - 919.678.0035
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PROJECT REFERENCE NO.	SHEET NO.
W-5107	26

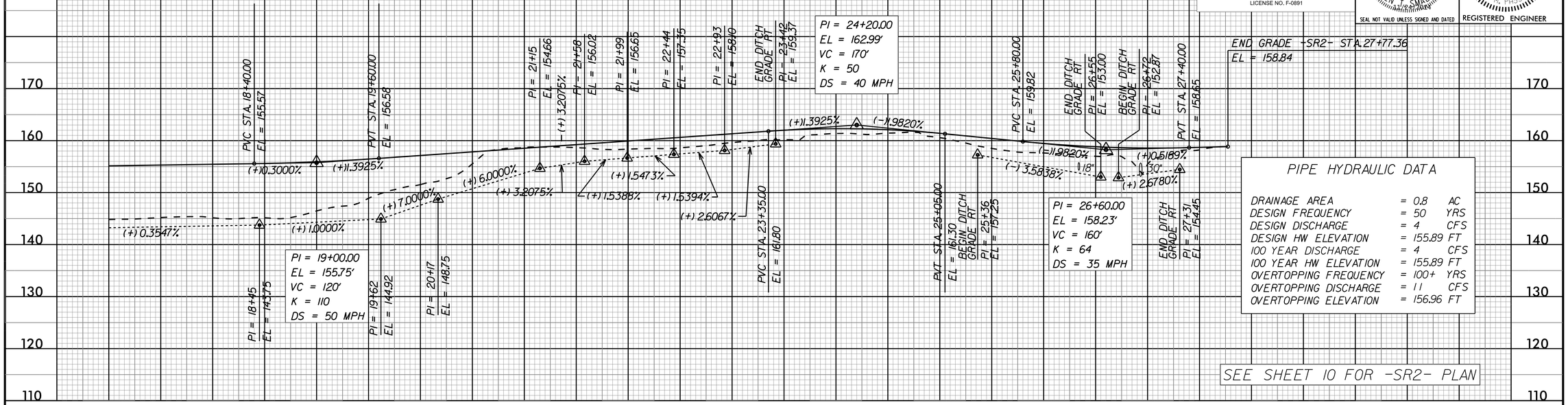
ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022031 ENGINEER STEPHEN T. SMALLWOOD — DocuSign Envelope ID: 5E7E8355938B4C9B

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 26306 ENGINEER MARK M. PASSMORE — DocuSign Envelope ID: 4C4D9D9A3B7C4A0

SEAL NOT VALID UNLESS SIGNED AND DATED

REGISTERED ENGINEER

-SR2- CON'T

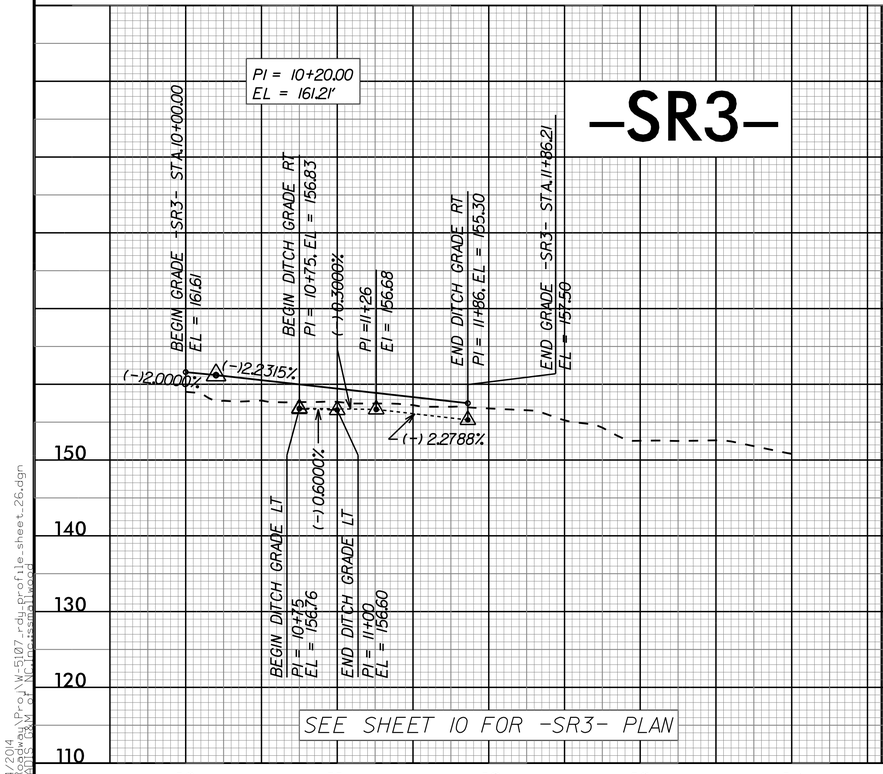


PIPE HYDRAULIC DATA

DRAINAGE AREA	= 0.8	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 4	CFS
DESIGN HW ELEVATION	= 155.89	FT
100 YEAR DISCHARGE	= 4	CFS
100 YEAR HW ELEVATION	= 155.89	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 11	CFS
OVERTOPPING ELEVATION	= 156.96	FT

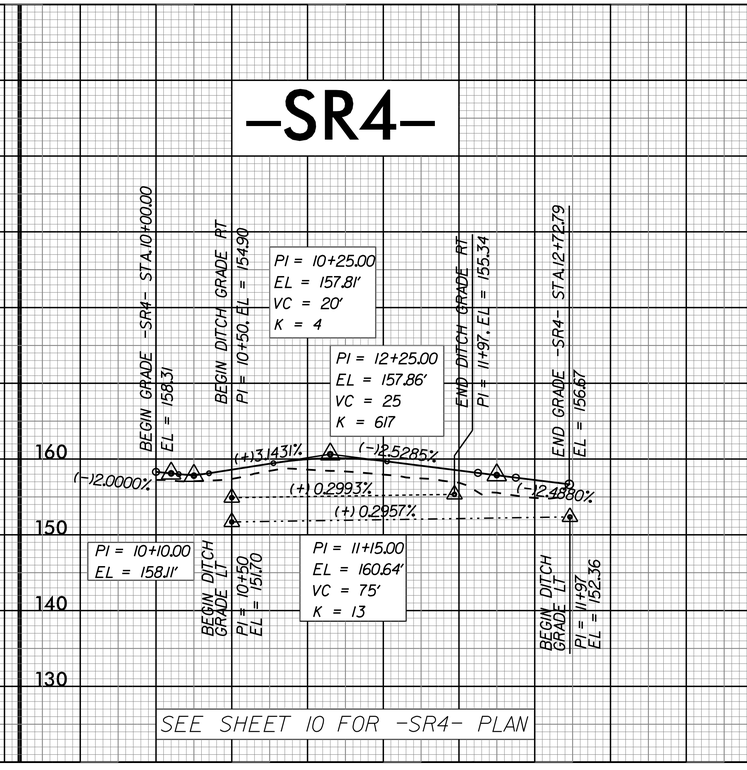
SEE SHEET 10 FOR -SR2- PLAN

-SR3-



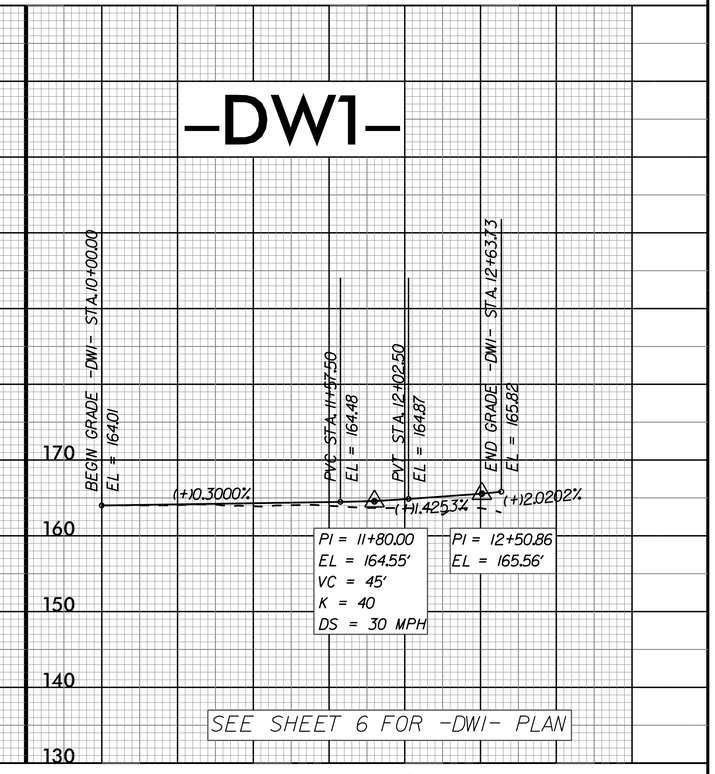
SEE SHEET 10 FOR -SR3- PLAN

-SR4-



SEE SHEET 10 FOR -SR4- PLAN

-DW1-



SEE SHEET 6 FOR -DW1- PLAN

1/24/2014
R:\Projects\Raleigh\P-o\W-5107-dup\profile_sheet_26.dgn
ARCADIS-C&M of NC, Inc. - smallwood