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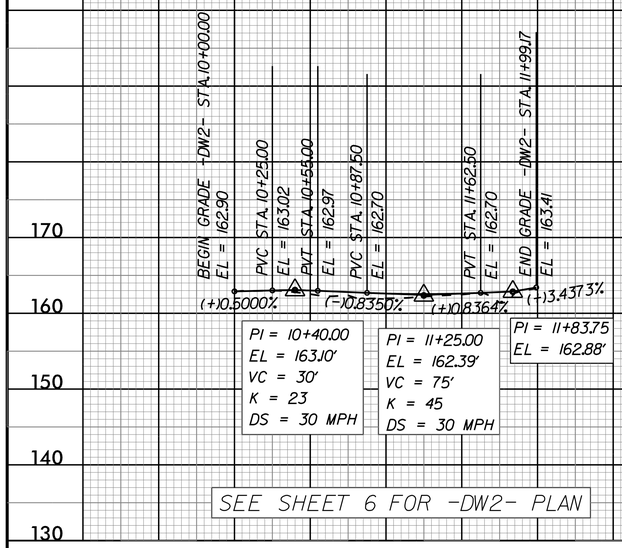
PROJECT REFERENCE NO.	SHEET NO.
W-5107	27

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022037 ENGINEER STEPHEN T. SMALLWOOD
DocuSigned by: 5/28/2020 8:56:22 PM EDT
SEAL NOT VALID UNLESS SIGNED AND DATED

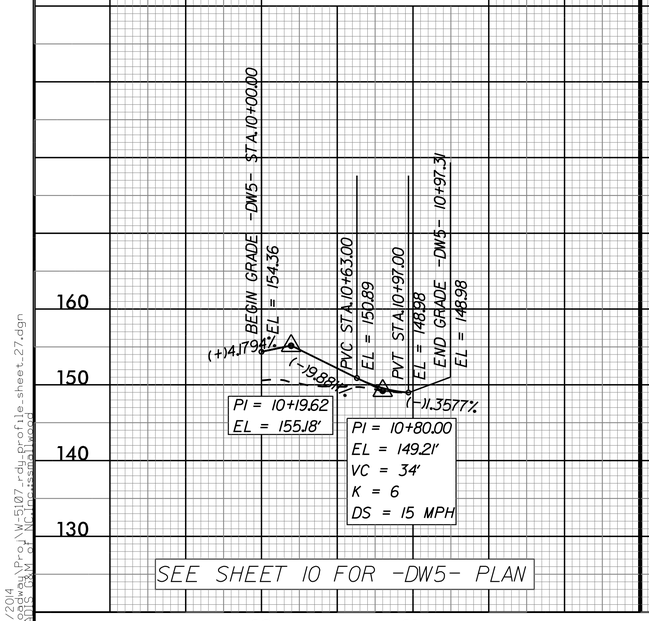
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26306 ENGINEER DARA M. PASSMORE
DocuSigned by: 5/28/2020 8:56:22 PM EDT
REGISTERED ENGINEER

-DW2-



SEE SHEET 6 FOR -DW2- PLAN

-DW5-



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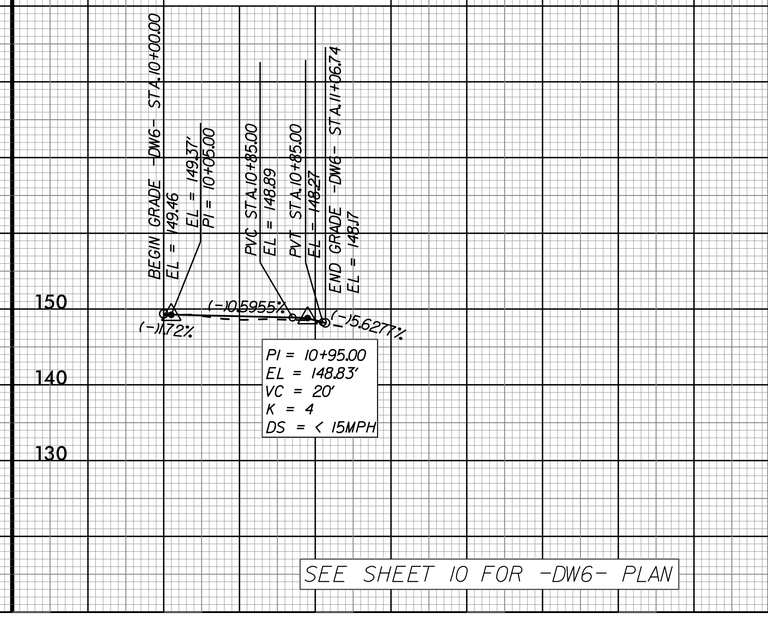
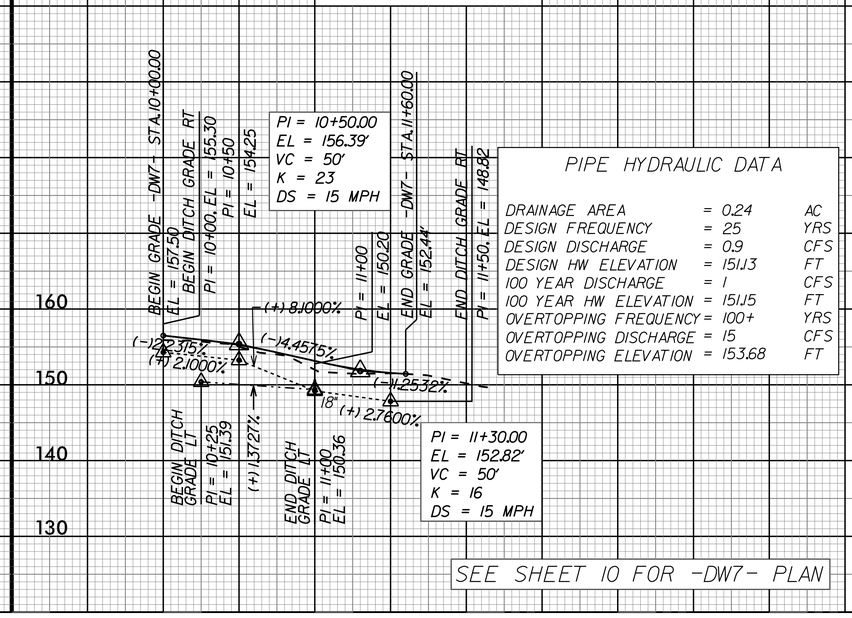
-DW6-



SEE SHEET 10 FOR -DW6- PLAN

-DW7-



PIPE HYDRAULIC DATA

DRAINAGE AREA	= 0.24	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 0.9	CFS
DESIGN HW ELEVATION	= 151.13	FT
100 YEAR DISCHARGE	= 1	CFS
100 YEAR HW ELEVATION	= 151.15	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 15	CFS
OVERTOPPING ELEVATION	= 153.68	FT

SEE SHEET 10 FOR -DW7- PLAN

11/24/2014
11:19:04
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