PROJECT REFERENCE NO.	SHEET NO.
B-5150	5
R/W SHEET NO.	

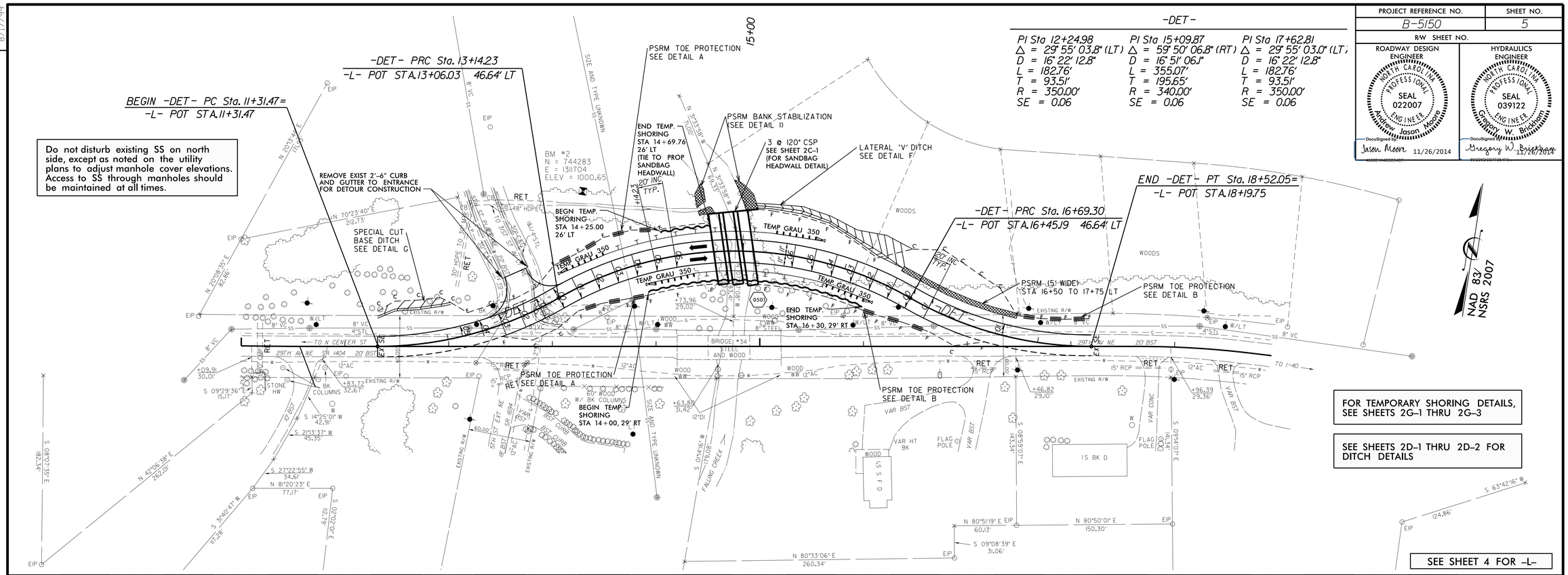
ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022007 — ENGINEER — Jason Moore — DocuSigned by: Jason Moore 11/26/2014

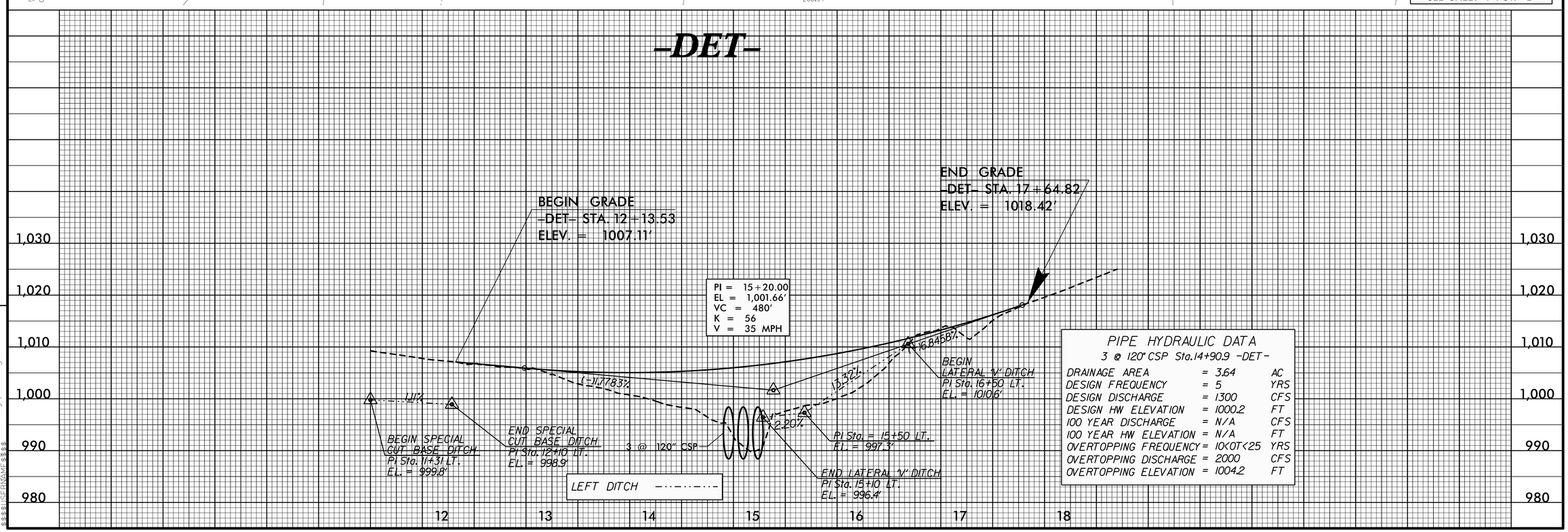
HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 039122 — ENGINEER — Gregory W. Brickhouse — DocuSigned by: Gregory W. Brickhouse 11/26/2014

REVISIONS 8/17/99

-DET-

PI Sta 12+24.98	PI Sta 15+09.87	PI Sta 17+62.81
Δ = 29° 55' 03.8" (LT)	Δ = 59° 50' 06.8" (RT)	Δ = 29° 55' 03.0" (LT)
D = 16° 22' 12.8"	D = 16° 51' 06.1"	D = 16° 22' 12.8"
L = 182.76'	L = 355.07'	L = 182.76'
T = 93.51'	T = 195.65'	T = 93.51'
R = 350.00'	R = 340.00'	R = 350.00'
SE = 0.06	SE = 0.06	SE = 0.06





PIPE HYDRAULIC DATA
3 @ 120" CSP Sta.14+90.9 -DET-

DRAINAGE AREA	= 3.64	AC
DESIGN FREQUENCY	= 5	YRS
DESIGN DISCHARGE	= 1300	CFS
DESIGN HW ELEVATION	= 1000.2	FT
100 YEAR DISCHARGE	= N/A	CFS
100 YEAR HW ELEVATION	= N/A	FT
OVERTOPPING FREQUENCY	= 10<OT<25	YRS
OVERTOPPING DISCHARGE	= 2000	CFS
OVERTOPPING ELEVATION	= 1004.2	FT

26-NOV-2014 09:23
s:\Roadway\Proj\B5150_Rdy_psh_5.dgn
$$USERNAME$$