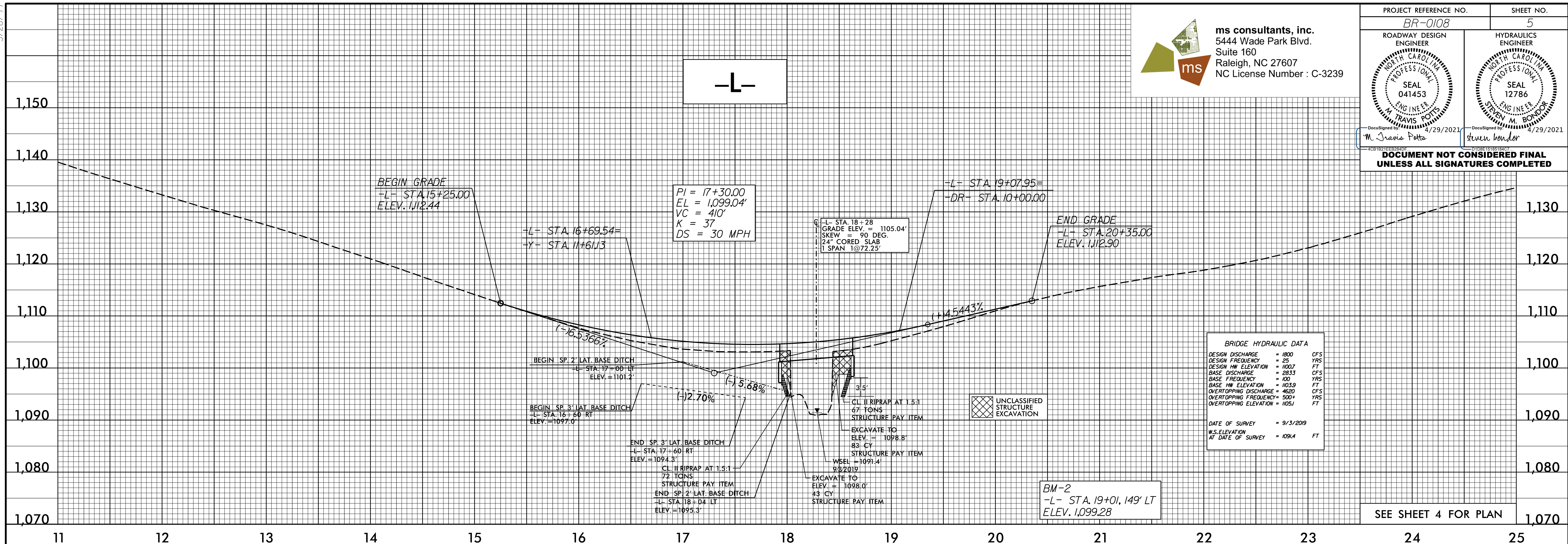


5/28/20

**ms consultants, inc.**  
 5444 Wade Park Blvd.  
 Suite 160  
 Raleigh, NC 27607  
 NC License Number : C-3239

PROJECT REFERENCE NO. <i>BR-0108</i>	SHEET NO. <i>5</i>
ROADWAY DESIGN ENGINEER SEAL 041453 M. TRAVIS POTTS	HYDRAULICS ENGINEER SEAL 12786 STEVEN M. BONDOR
DocuSigned by: <i>M. Travis Potts</i> 4/29/2021	DocuSigned by: <i>Steven M. Bondor</i> 4/29/2021

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

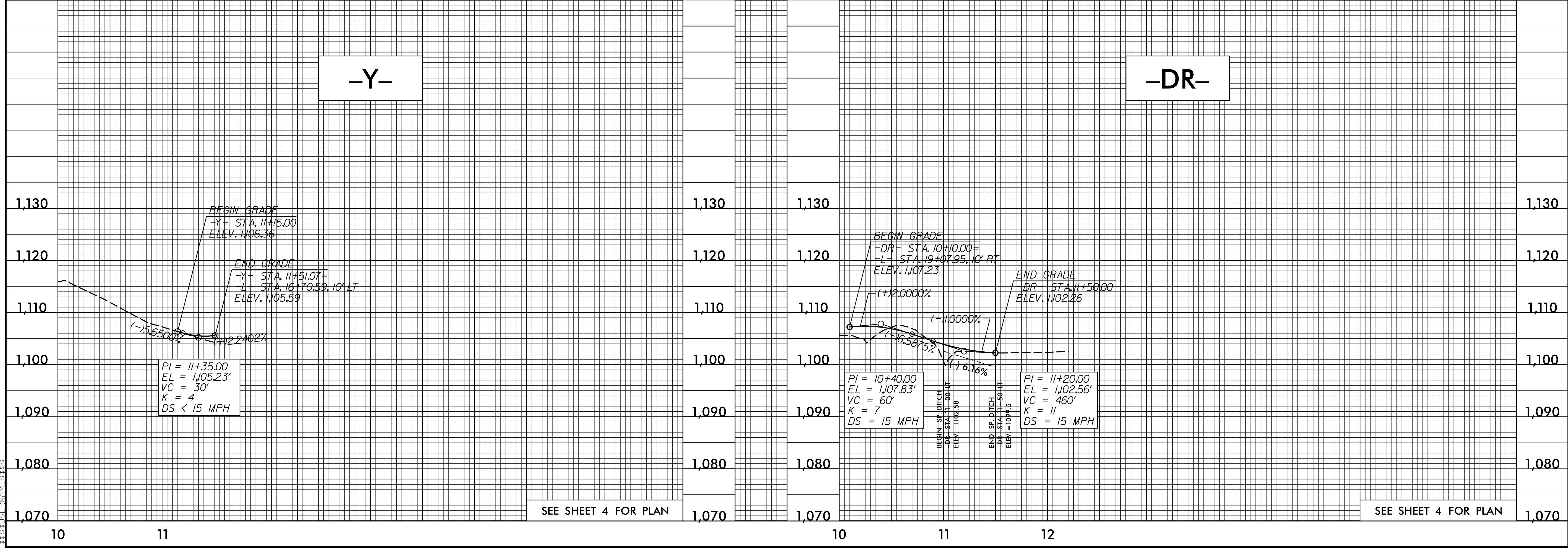


DESIGN DISCHARGE	= 1800	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 1007	FT
BASE DISCHARGE	= 2833	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 1039	FT
OVERTOPPING DISCHARGE	= 4620	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 1051	FT

DATE OF SURVEY = 9/3/2009  
 M.S. ELEVATION AT DATE OF SURVEY = 1091.4 FT

SEE SHEET 4 FOR PLAN

I:\MAR\_2021\718... \N:\00\_2021\06339-04 BR-0108 NCDOT WILKES 4 OVER LITTLE HUNTING CREEK\Roadway\Proj\BR-0108\_rdy.pl.dgn



SEE SHEET 4 FOR PLAN