PROJECT REFERENCE NO.	SHEET NO.
B-5127	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER, JR.
11/26/2014
DocuSigned by: Daniel W. Gardner, Jr.
7C1995E143C8480...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022000 ENGINEER GALEN CAIL
11/26/2014
DocuSigned by: Galen Cail
88F6978B8444495...

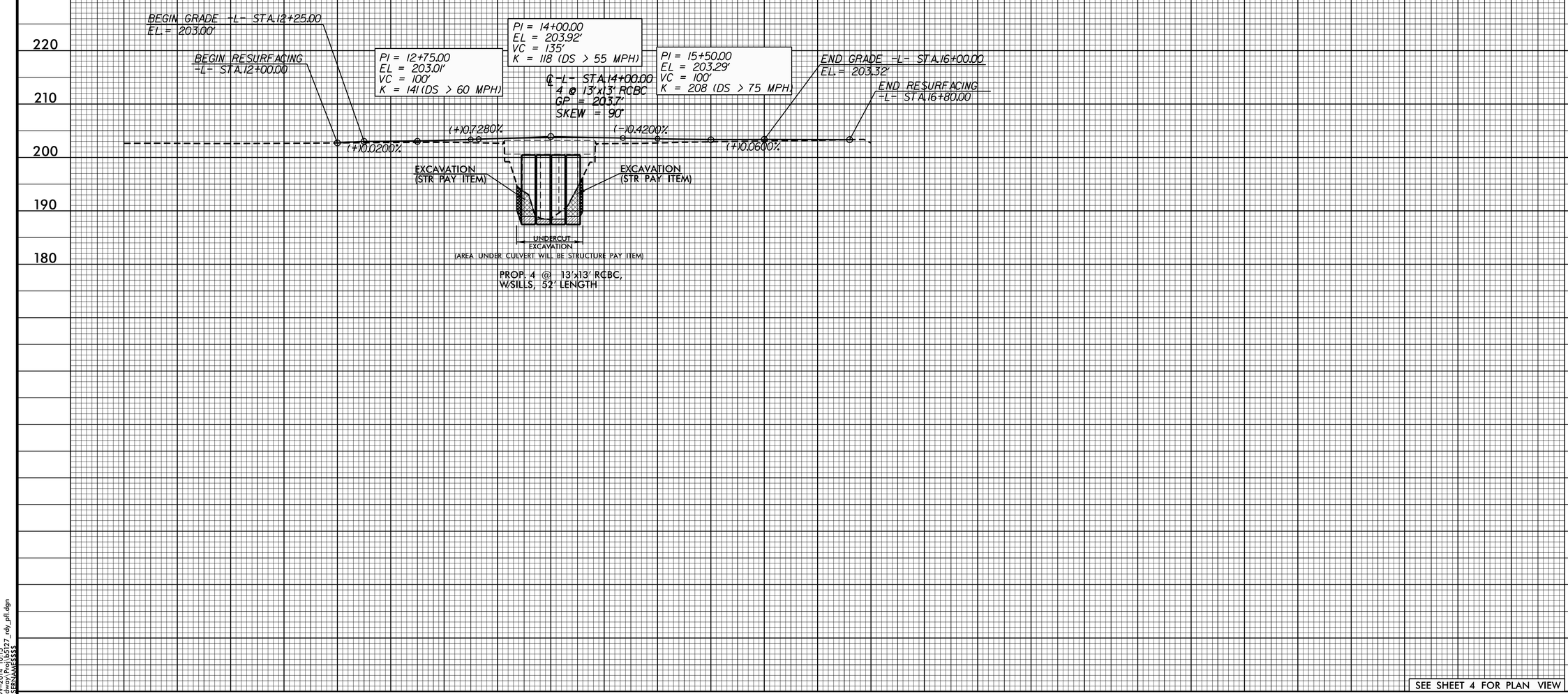
-L-

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	=	3127	CFS
DESIGN FREQUENCY	=	50	YRS
DESIGN HW ELEVATION	=	200.5	FT
BASE DISCHARGE	=	3918	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	201.66	FT
OVERTOPPING DISCHARGE	=	4500	CFS
OVERTOPPING FREQUENCY	=	100+	YRS
OVERTOPPING ELEVATION	=	203.7	FT

BM1 ELEVATION 196.25'
N 415302 E 1938120
L STATION 10+02.00 67' LT
RR-SPIKE IN BASE OF 26" OAK

BM2 ELEVATION 198.56'
N 415891 E 1938531
L STATION 17+00.00 92' RT
RR-SPIKE IN BASE OF 36" YELLOW POPLAR



SEE SHEET 4 FOR PLAN VIEW

26-NOV-2014 10:15
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$$USER$$WMS$$$$