PROJECT REFERENCE NO.	SHEET NO.
B-3614	5

Stantec
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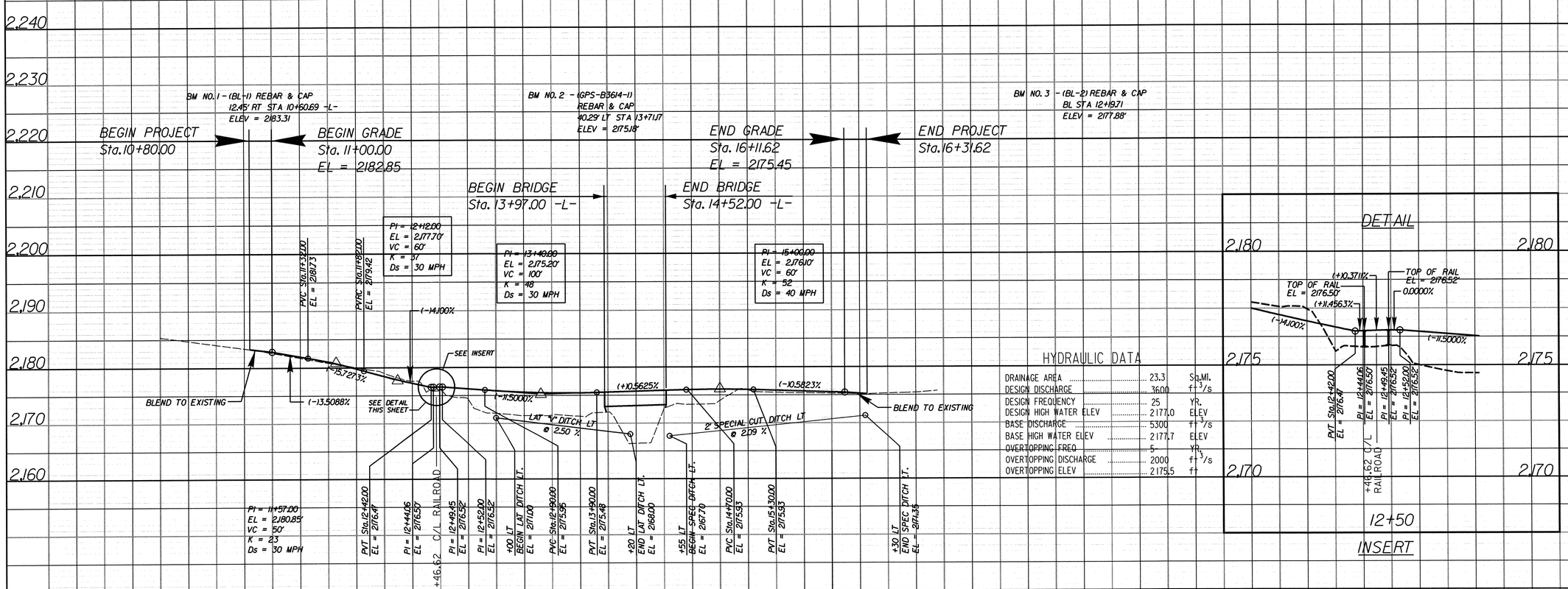
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18187 ENGINEER
KEVIN J. VAN METRE
12-30-03

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 29283 ENGINEER
KEVIN WILLIAMS
2-18-04



HYDRAULIC DATA

DRAINAGE AREA	23.3	Sq.Mi.
DESIGN DISCHARGE	3600	f^3/s
DESIGN FREQUENCY	25	YR.
DESIGN HIGH WATER ELEV	2177.0	ELEV
BASE DISCHARGE	5300	f^3/s
BASE HIGH WATER ELEV	2177.7	ELEV
OVERTOPPING FREQ	5	YR.
OVERTOPPING DISCHARGE	2000	f^3/s
OVERTOPPING ELEV	2175.5	ft

12/02/2003
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