PROJECT REFERENCE NO.	SHEET NO.
15BPR.2	3

GEOTECHNICAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 018899 ENGINEER JAMES R. BATTS, JR.

DocuSigned by: James R. Batts, Jr. 1/17/2018
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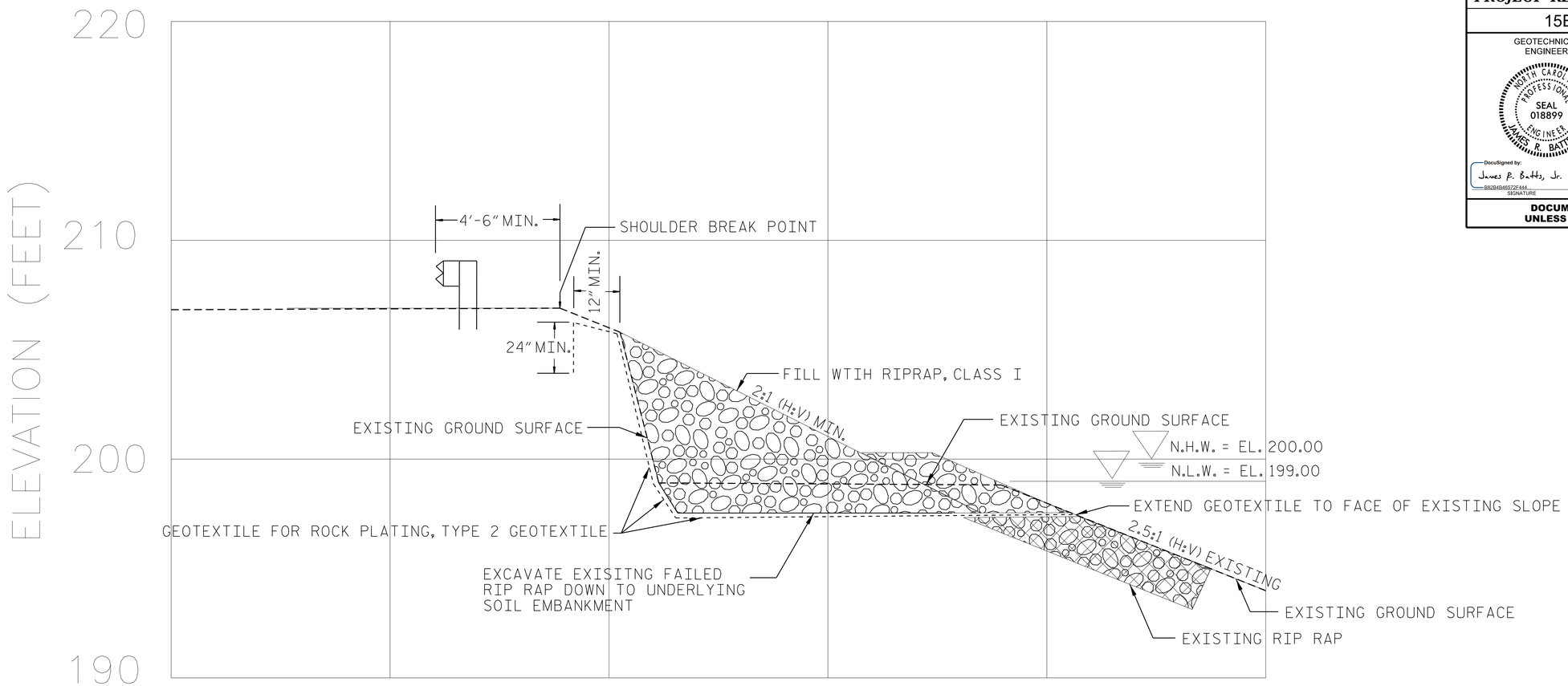
SIGNATURE DATE

ENGINEER

SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



SLOPE REPAIR DETAIL B

STA 58+50 TO 61+00 (RT)

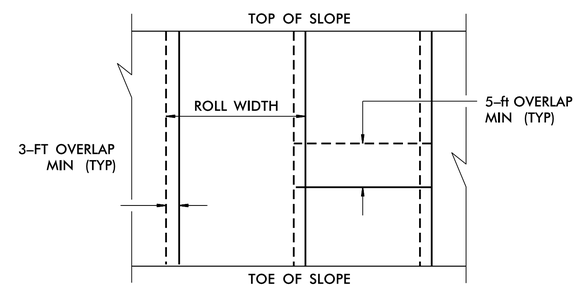
N.T.S.

CONSTRUCTION SEQUENCE FOR TYPICAL SECTION B:

1. *UNDERCUT FAILED RIP RAP DOWN TO EXISITNG EMBANKMENT.*
2. *EMBED GEOTEXTILE FOR ROCK PLATING AT THE TOP OF SLOPE AS SHOWN ON THE TYPICAL SECTION.*
3. *COVER ALL EXPOSED SOIL SURFACES WITH GEOTEXTILE, TYPE 2.*
4. *OVERLAP ALL GEOTEXTILE IN ACCORDANCE WITH GEOTEXTILE OVERLAP DETAIL.*
5. *FILL WASHOUT WITH RIP RAP, CLASS I RIPRAP TO 2:1 (H:V) SLOPE. DO NOT DROP RIP RAP FROM HEIGHTS GREATER THAN 2 FEET ONTO GEOTEXTILE.*
6. *SEE SLOPE REPAIR SPECIAL PROVISION AND STANDARD SPECIFICATIONS FOR RIP RAP, CLASS I AND GEOTEXTILE FOR ROCK PLATING.*
7. *TURBIDITY CURTAIN MUST BE USED TO ENCAPSULATE THE AREAS WHERE WORK AROUND WATER IS BEING PERFORMED.*

ESTIMATED QUANTITIES FOR SLOPE REPAIR DETAIL B

UNDERCUT EXCAVATION.....250 CYD
RIP RAP, CLASS I.....750 TONS
*GOETEXTILE FOR ROCK PLATING.....250 SYD**
**GEOTEXTILE QUANTITY DOESN'T INCLUDE OVERLAPS*



GEOTEXTILE OVERLAP DETAIL

(PLAN VIEW)

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

NC 903 LAKE GASTON CAUSEWAY SLOPE REPAIR

REVISIONS

NO.	BY	DATE	NO.	BY	DATE
1	-	-	3	-	-
2	-	-	4	-	-

PREPARED BY: J. BATTS	DATE: 1/18
REVIEWED BY: C. KREIDER	DATE: 1/18