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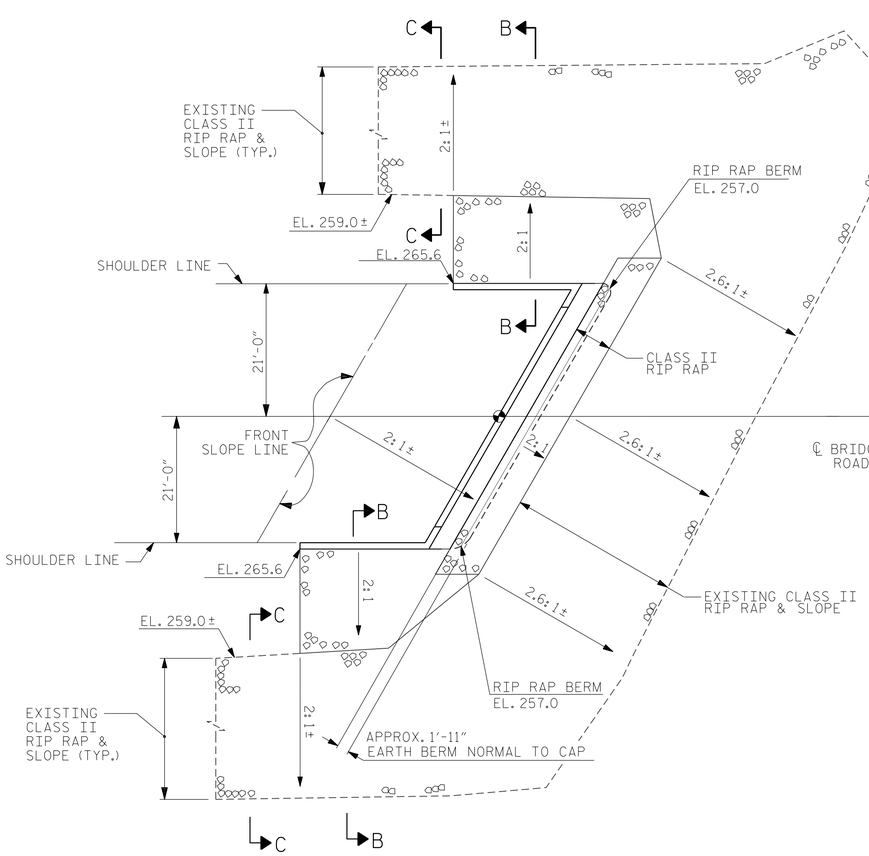
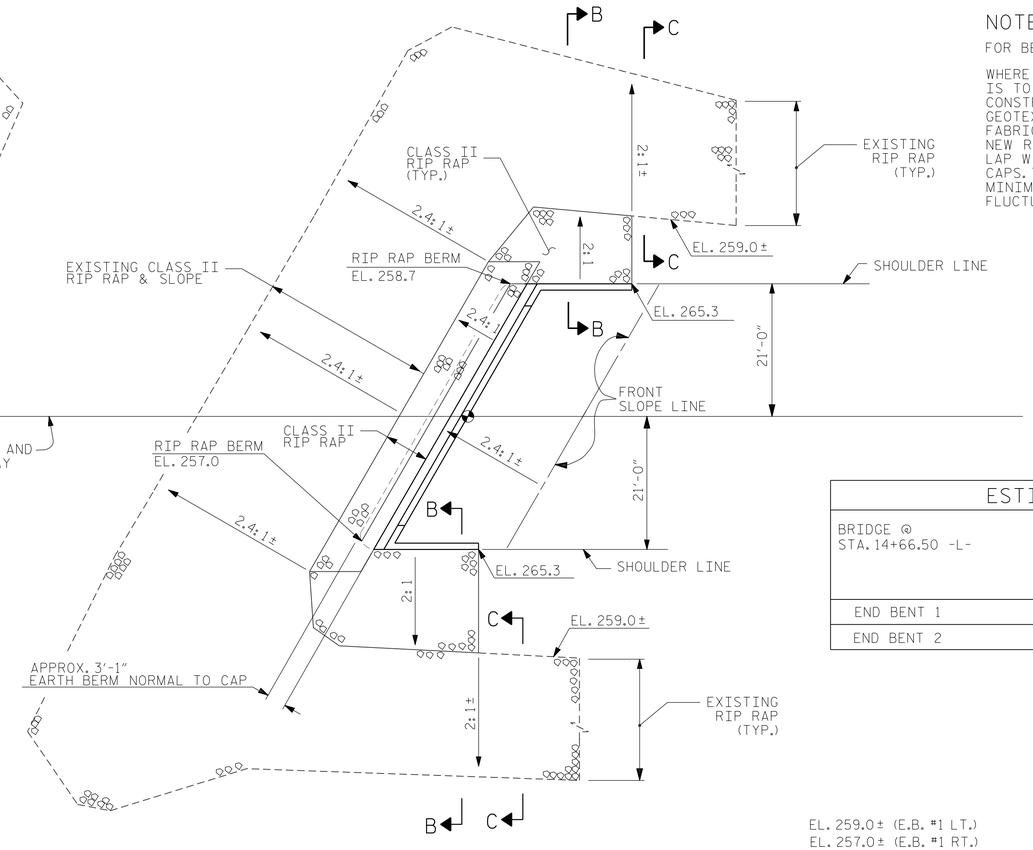




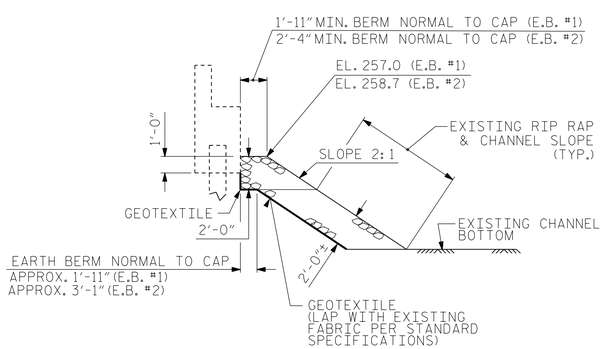
NOTES :

FOR BERM WIDTH DIMENSIONS, SEE GENERAL DRAWING.

WHERE THE PROPOSED RIP RAP FOR BRIDGE CONSTRUCTION IS TO BE TIED TO EXISTING RIP RAP FROM THE CHANNEL CONSTRUCTION, EXPOSE THE EDGE OF THE EXISTING GEOTEXTILE AND LAP THE NEW FABRIC WITH THE EXISTING FABRIC PER STANDARD SPECIFICATIONS BEFORE PLACING NEW RIP RAP. GEOTEXTILE SHALL BE CONTINUOUS FROM THE LAP WITH THE EXISTING FABRIC TO THE STREAM FACE OF CAPS. THE OVERLAP OF THE FABRIC IS IMPORTANT TO MINIMIZE FUTURE MAINTENANCE RELATED TO LAKE LEVEL FLUCTUATION AROUND THE END BENTS.

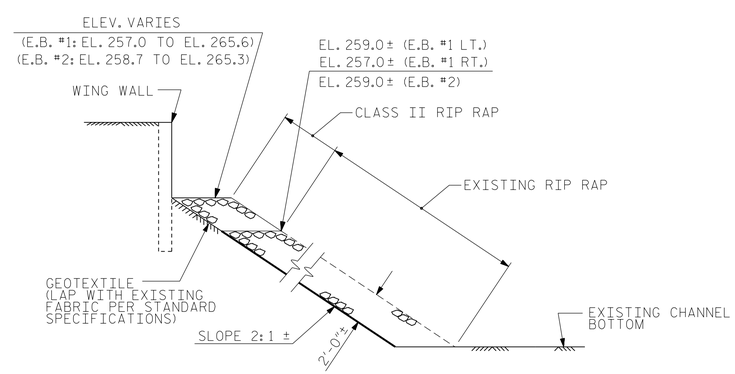
ESTIMATED QUANTITIES

BRIDGE @ STA. 14+66.50 -L-	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE
	TONS	SQUARE YARDS
END BENT 1	80	50
END BENT 2	97	59

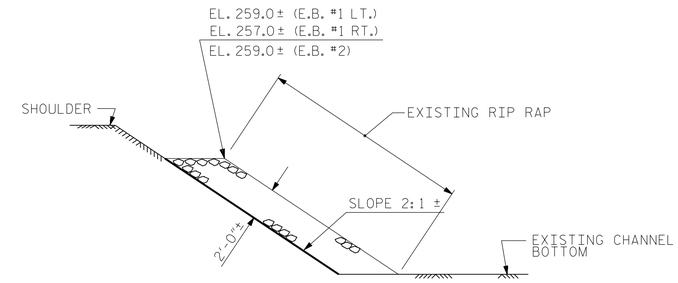


℄ SECTION

BERM RIP RAPPED



SECTION B-B



SECTION C-C

PROJECT NO. 15005.1032011

DURHAM COUNTY

STATION: 14+66.50 -L-

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919 881.9939
NC COA No. F-0929

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL
DocuSigned by: Jennifer R. McRay
JENNIFER R. McRAY
3/14/2018

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

RIP RAP DETAILS

REVISIONS						
No.	BY:	DATE:	No.	BY:	DATE:	
1			3			
2			4			

SHEET No. S20

TOTAL SHEETS 21

DRAWN BY : JRM DATE : 02/18
CHECKED BY : LMP DATE : 02/18

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

3/13/2018 2:43:29 PM
S20 REDWOOD RD RIPRAP.dgn
USER: lmcray