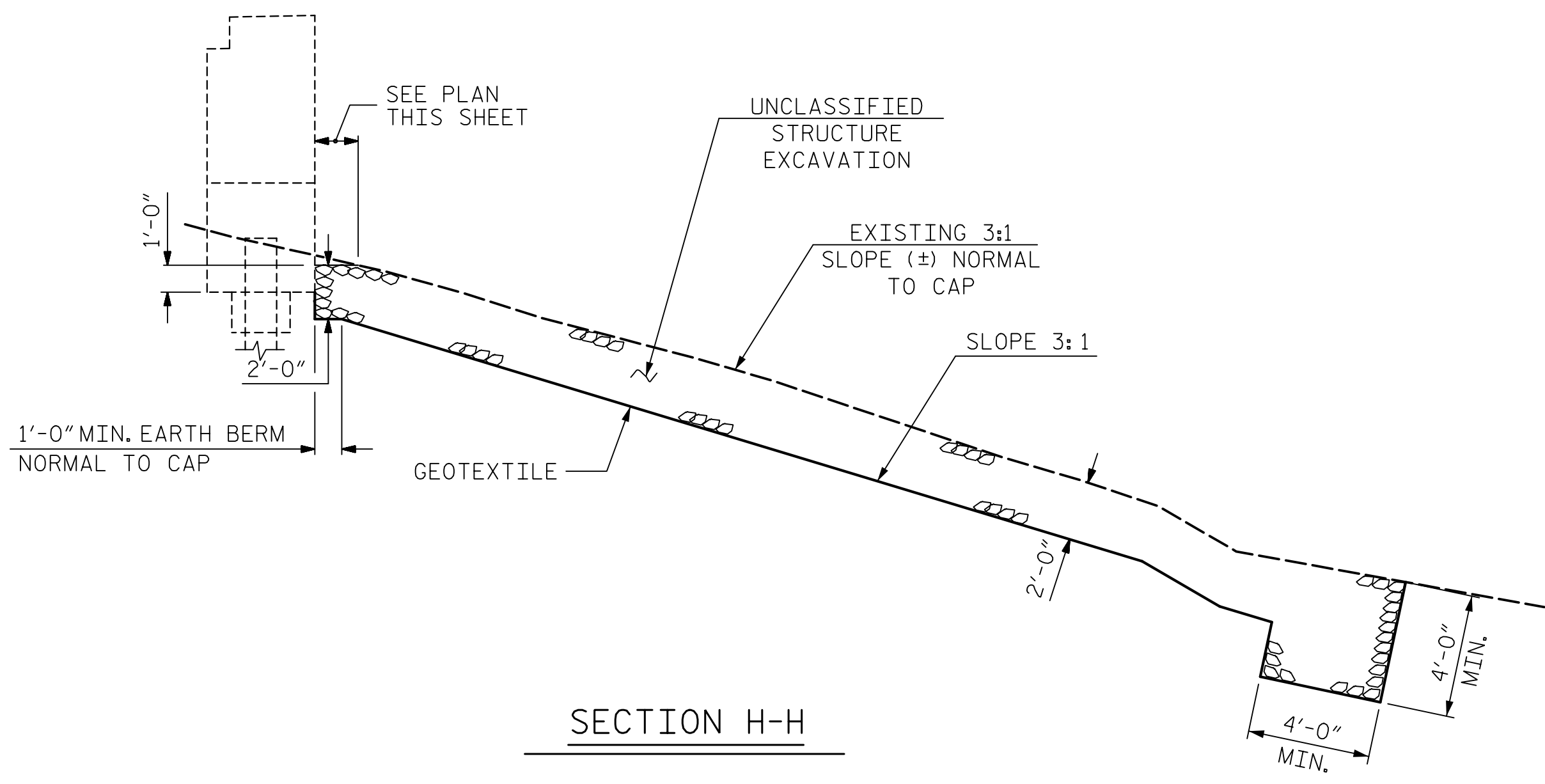


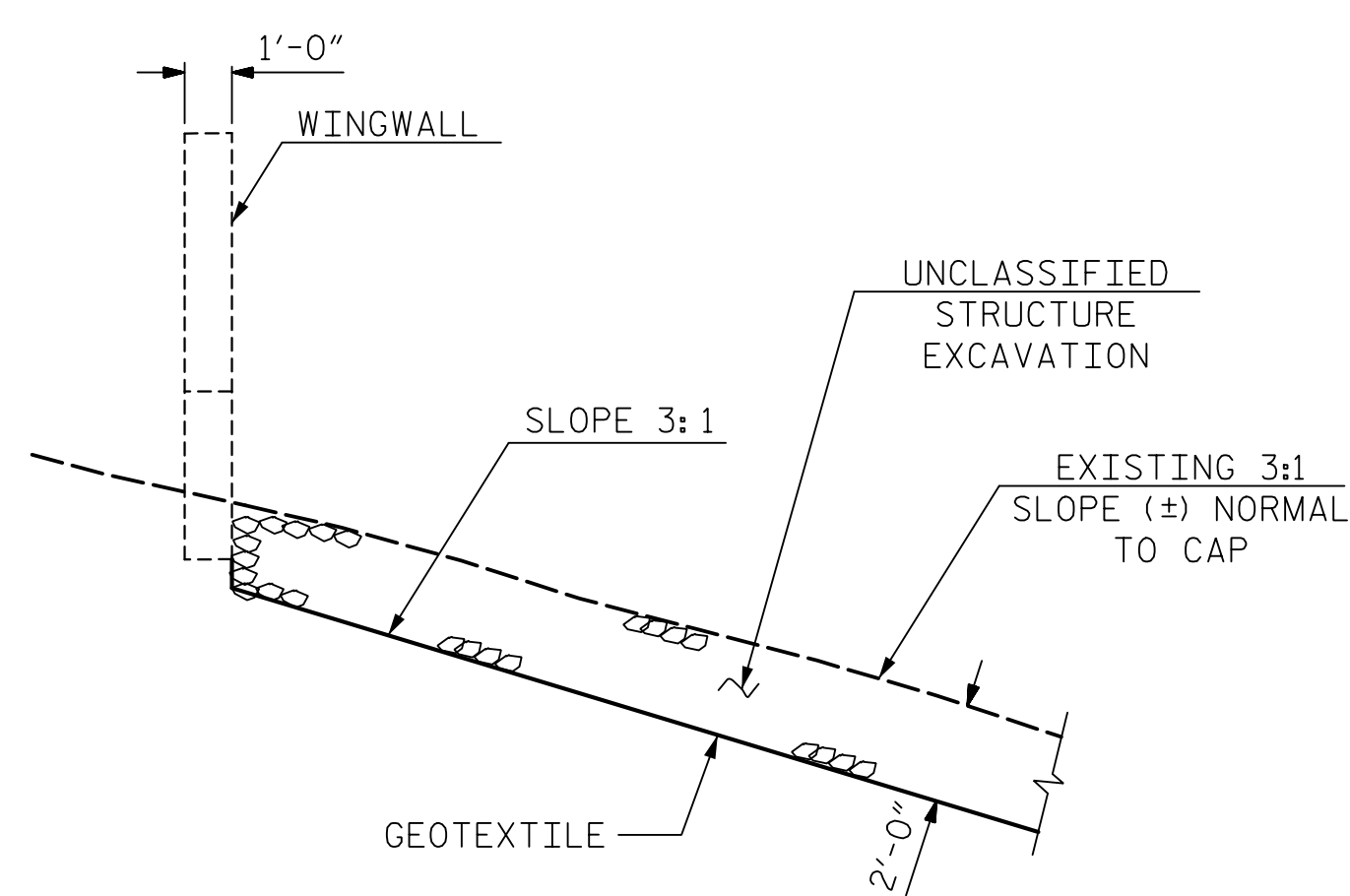
PLAN OF RIP RAP

SEE RIGHT BRIDGE FOR SLOPE PROTECTION RIGHT OF C SURVEY -L-

ESTIMATED QUANTITIES		
BRIDGE @ POC STA. 390+15.00 -L-	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE
	TONS	SQUARE YARDS
END BENT 1	415	460
END BENT 2	405	450



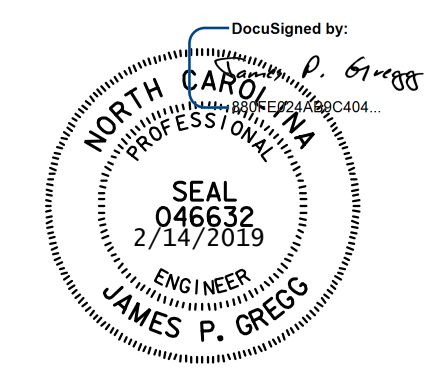
SECTION H-H



SECTION I-I

NOTES :
 RIP RAP SHALL MEET THE REQUIREMENTS OF SECTION 1042 OF THE STANDARD SPECIFICATIONS. THE USE OF MARL SHALL NOT BE ALLOWED. THE RIP RAP SHALL BE PLACED WITHIN UNCLASSIFIED STRUCTURE EXCAVATION LIMITS TO KEY RIP RAP INTO EXISTING GROUND.

*FOR DETAILS NOT SHOWN, SEE SECTION H-H.



PROJECT NO. R-5021
BRUNSWICK COUNTY
 STATION: POC 390+15.00 -L-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
 —RIP RAP DETAILS—

LEFT LANE

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	S5-36
1			3			TOTAL SHEETS
2			4			39

ASSEMBLED BY : BN	DATE : 5/17
CHECKED BY : BE	DATE : 8/17
DRAWN BY : REK 1/84	REV. 5/1/06R TLA/GM
CHECKED BY : RDU 1/84	REV. 10/1/11 MAA/GM
	REV. 12/2/11 MAA/GM

HNTB HNTB NORTH CAROLINA, P.C.
 NC License No. C-1554
 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609

DRAWN BY : B. NEUPANE DATE : 5/17
 CHECKED BY : B. EMAMI DATE : 8/17
 DESIGN ENGINEER OF RECORD : J. GREGG DATE : 8/18

DWG. NO. 36