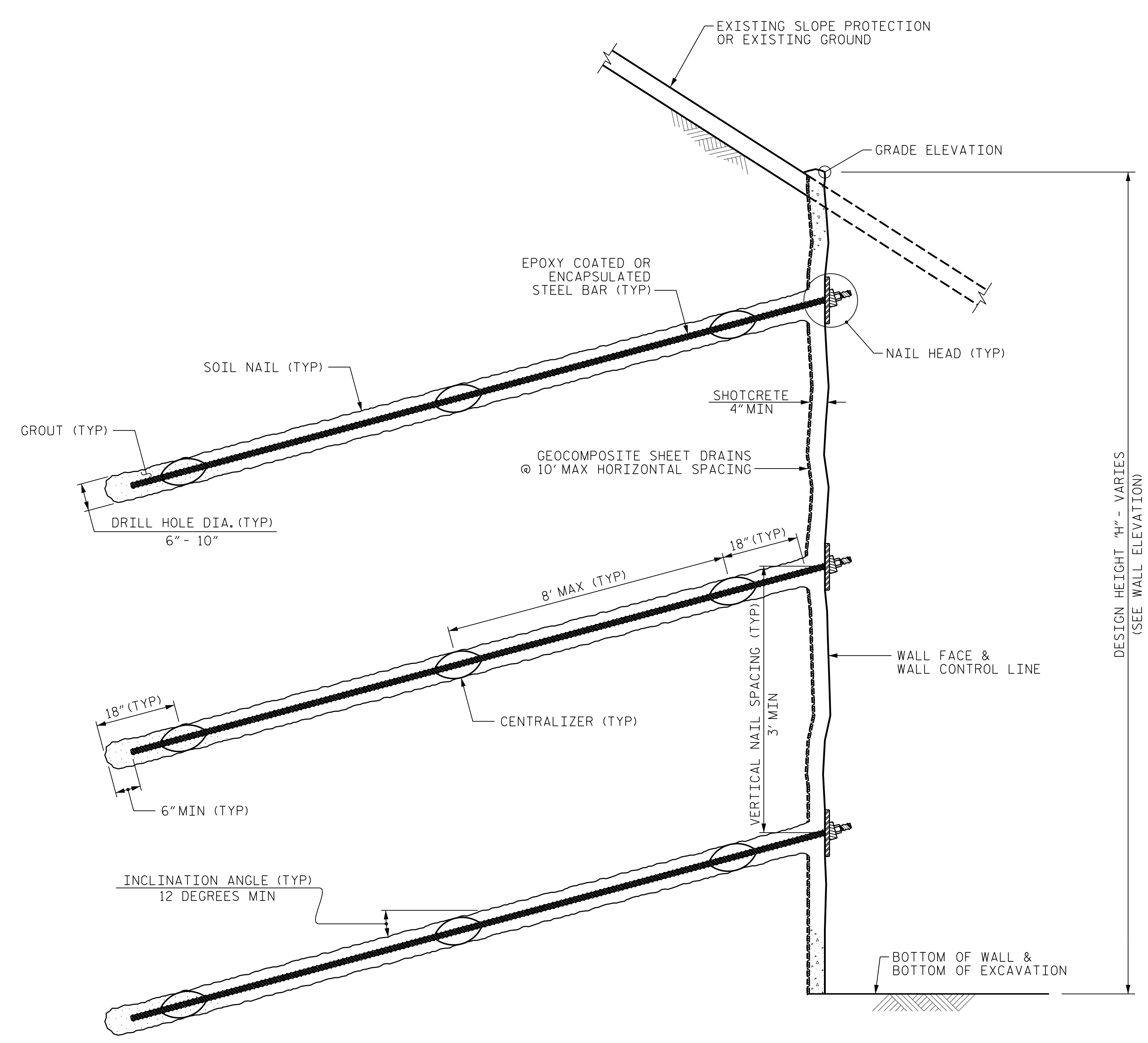


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USER: PETERSON DATE: 1/24/2022 TIME: 2:48:22 PM
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SOIL NAIL WALL - TYPICAL SECTION

NOTES:
 FOR TEMPORARY SOIL NAIL WALLS, SEE SPECIAL PROVISIONS.
 BEFORE BEGINNING SOIL NAIL WALL DESIGN FOR RETAINING WALL NOS. 1, 3, AND 4, SURVEY WALL LOCATION AND SUBMIT A REVISED WALL PROFILE VIEW (WALL ENVELOPE) FOR REVIEW. DO NOT START WALL DESIGN OR CONSTRUCTION UNTIL THE REVISED WALL ENVELOPE IS ACCEPTED.
 DESIGN RETAINING WALL NOS. 1, 3, AND 4 FOR THE FOLLOWING:
 1. DESIGN HEIGHT (H) = WALL HEIGHT
 2. IN-SITU ASSUMED MATERIAL PARAMETERS ABOVE ELEVATION 2600 FT:
 a. Unit Weight = 120 PCF
 b. Friction Angle = 28 DEGREES
 c. Cohesion = 0 PSF
 3. IN-SITU ASSUMED MATERIAL PARAMETERS BELOW ELEVATION 2600 FT:
 a. Unit Weight = 125 PCF
 b. Friction Angle = 34 DEGREES
 c. Cohesion = 0 PSF
 4. ASSUMED GROUNDWATER ELEVATION 2620 FT.
 EXISTING OR FUTURE OBSTRUCTIONS SUCH AS FOUNDATIONS MAY INTERFERE WITH SOIL NAILS FOR RETAINING WALL NOS. 1, 3, AND 4.

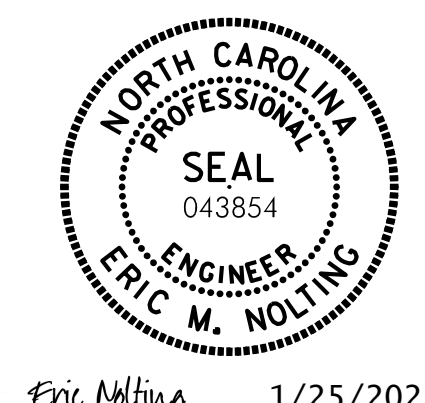
PROJECT NO. B-3186/B-5898
HAYWOOD COUNTY
 STATION: 68+65.75± -L-RT-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

TEMPORARY SHORING
 SOIL NAIL
 WALL DETAILS

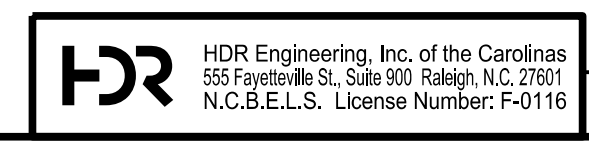
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO. SO3R-59
 TOTAL SHEETS 61



Eric Nolting 1/25/2022

DES BY: <u>E. NOLTING</u>	DATE: <u>09/21</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>09/21</u>
DES CHK: <u>F. CORDOVA</u>	DATE: <u>09/21</u>	CHK BY: <u>F. CORDOVA</u>	DATE: <u>09/21</u>



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED