PROJECT REFERENCE NO.	SHEET NO.
DF18314.2045332	2G-2

GEOTECHNICAL ENGINEER

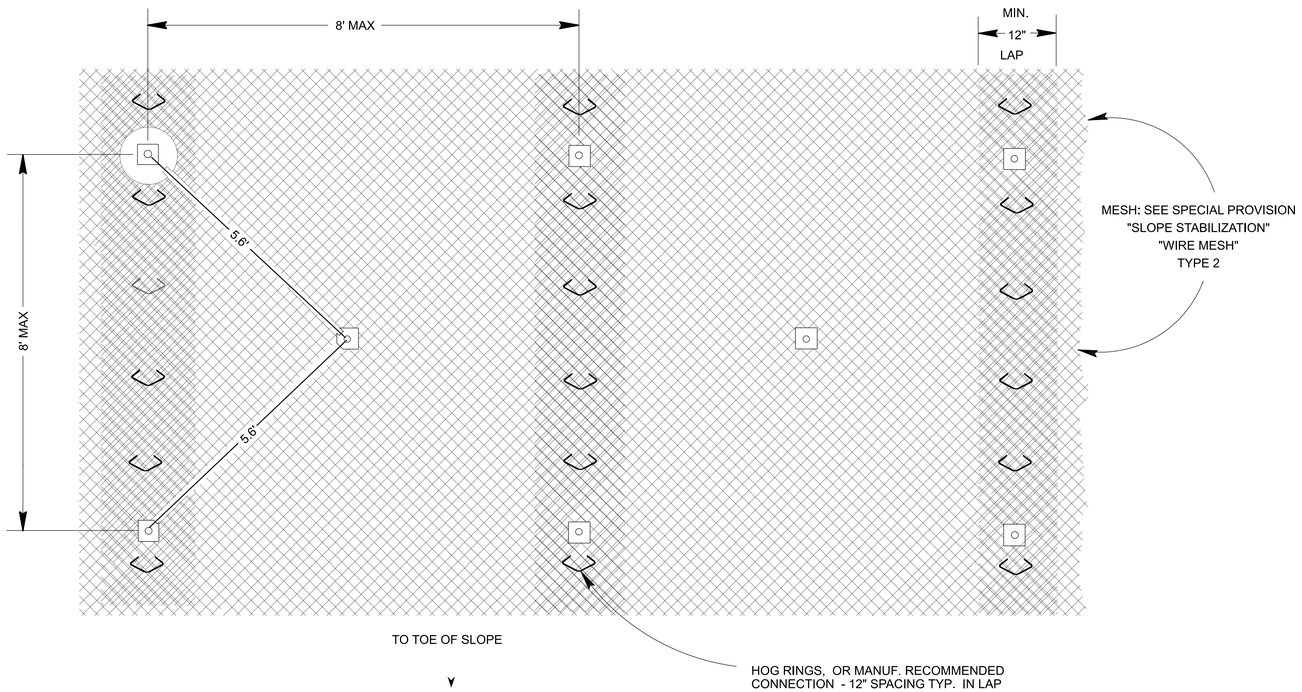
NORTH CAROLINA PROFESSIONAL SEAL 028893 ENGINEER MICHAEL H. SHEARIN

Signed by: 01/16/2026
C44768209214CC...
SIGNATURE DATE

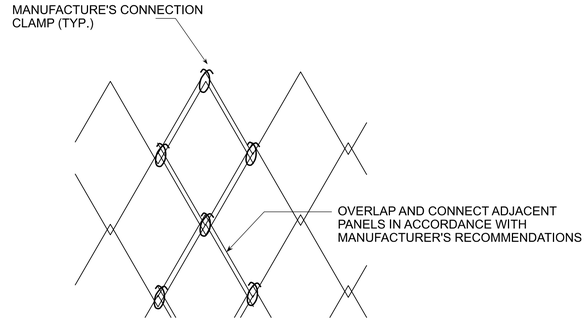
ENGINEER

SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



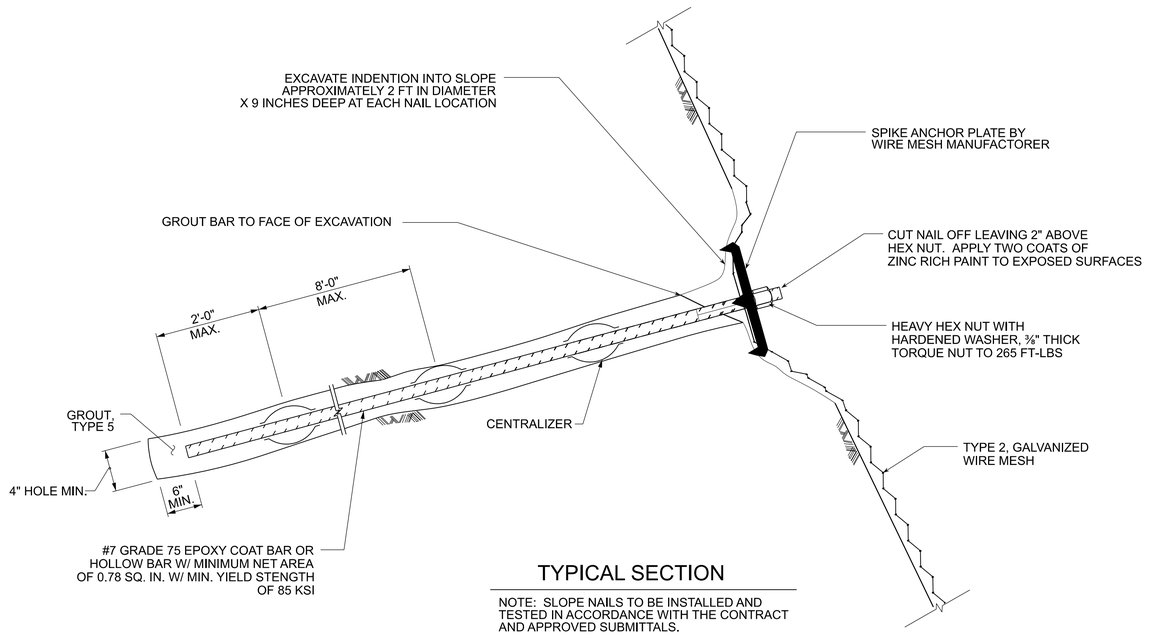
FACING DETAIL OF WIRE MESH



MESH OVERLAP & CONNECTION DETAIL

NOTES:

1) FOR WIRE MESH SLOPE PROTECTION, SEE WIRE MESH SLOPE PROTECTION SPECIAL PROVISION.
2) TYPE 2 WIRE MESH SHALL BE INSTALLED EXISTING AT THE LOCATIONS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
3) CUT OFF EXISTING SLOPE REINFORCEMENT AT GROUND SURFACE.
4) TOP NAIL LENGTH = 5 FT
   SLOPE NAIL LENGTH = 15 FT
5) DESIGN TEST LOAD (DTL) = 20 KIPS
6) INSTALL NAILS PERPENDICULAR TO THE SLOPE FACE.



TYPICAL SECTION

NOTE: SLOPE NAILS TO BE INSTALLED AND TESTED IN ACCORDANCE WITH THE CONTRACT AND APPROVED SUBMITTALS.

WIRE MESH SLOPE PROTECTION ESTIMATED QUANTITIES

TYPE 2 WIRE MESH	240 SY
TOP NAIL	22 EA
SLOPE NAIL	65 EA
CORE FIBER MAT	240 SY

WIRE MESH SLOPE PROTECTION BID QUANTITIES

WIRE MESH SLOPE PROTECTION	240 SY
SUPPLEMENTAL SLOPE NAIL	5 EA
PROOF TEST NAILS	3 EA

PREPARED BY: MHS	DATE: 1/26
REVIEWED BY: SCC	DATE: 1/26

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

WIRE MESH SLOPE PROTECTION

REVISIONS

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