
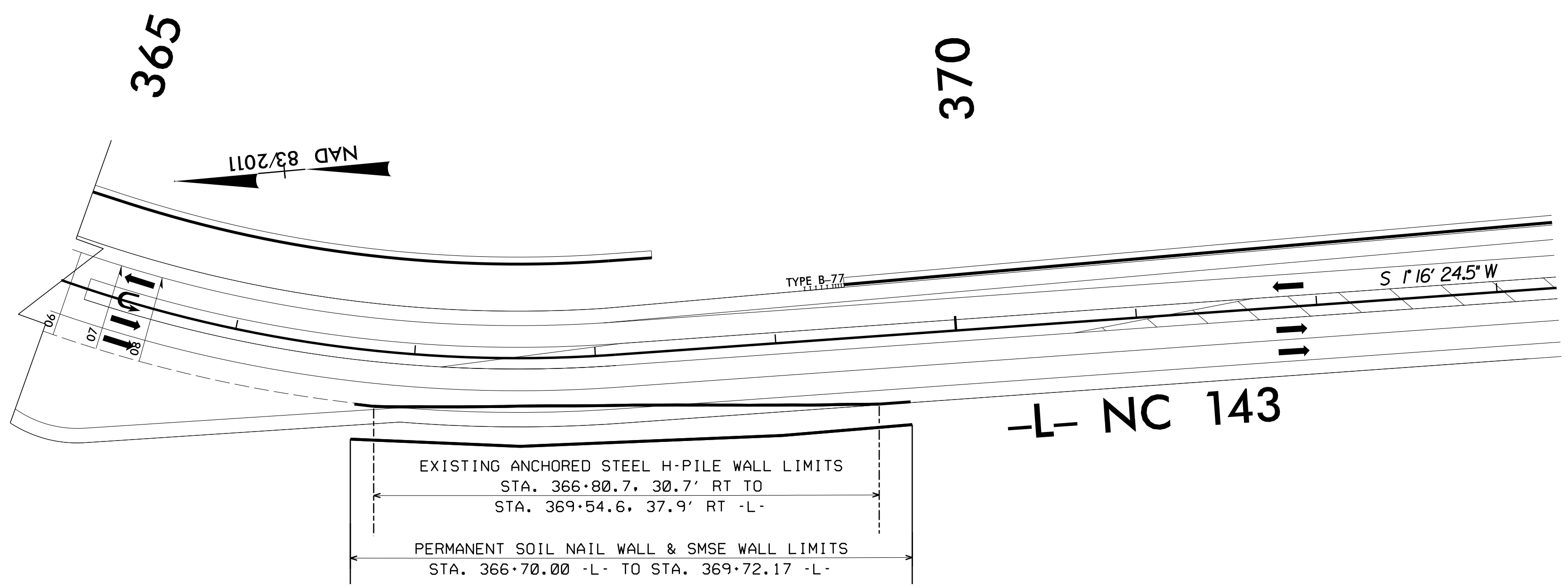


GEOTECHNICAL ENGINEER  SEAL 041986 ENGINEER M. MATTHEW BREWER	ENGINEER SIGNATURE DATE
DocuSigned by: D. Matthew Brewer 7/15/2022 SIGNATURE DATE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

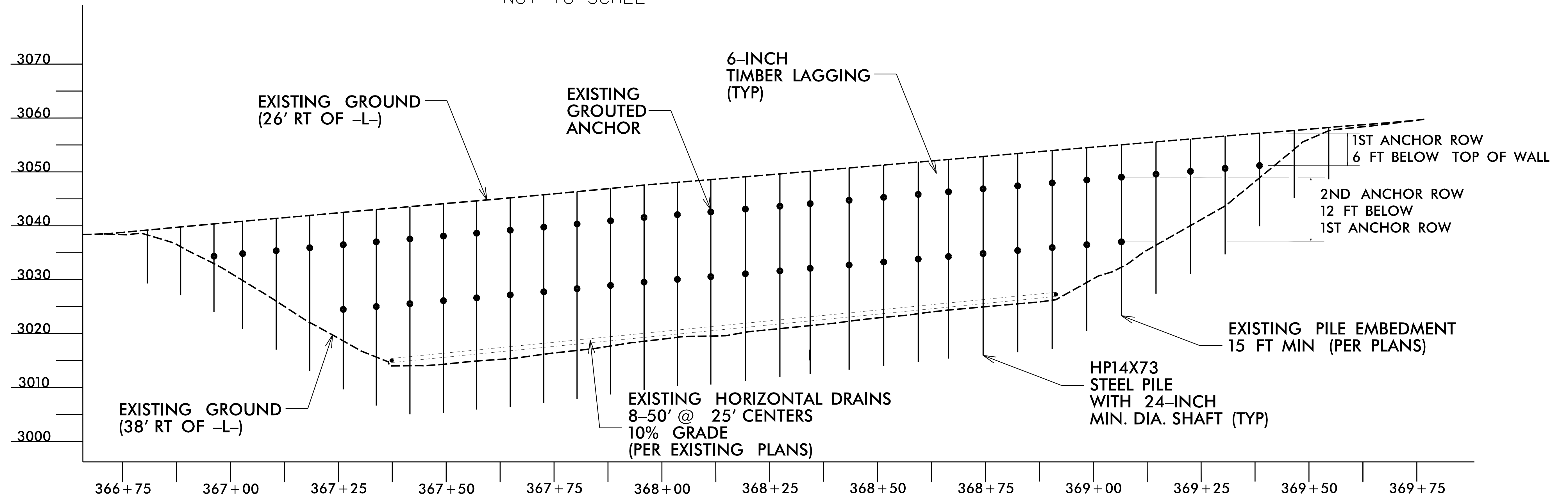


EXISTING ANCHORED STEEL H-PILE WALL LIMITS
 STA. 366+80.7, 30.7' RT TO
 STA. 369+54.6, 37.9' RT -L-

PERMANENT SOIL NAIL WALL & SMSE WALL LIMITS
 STA. 366+70.00 -L- TO STA. 369+72.17 -L-

WALL LIMITS SKETCH

NOT TO SCALE



EXISTING WALL PROFILE

NOT TO SCALE
 (LOOKING AT WALL FACE)

PROJECT NO.: A-0009CB
 GRAHAM COUNTY
 STATION: -L-366+70, 50' RT TO 369+72, 50' RT
 SHEET 2 OF 8

EXISTING PLANS INDICATE MINIMUM GROUDED ANCHOR LENGTH = 40 FT
 MINIMUM UNBONDED LENGTH = 20 FT
 MINIMUM BONDED LENGTH = 20 FT
 ANCHOR AT 20 DEG. BELOW HORIZONTAL

EXISTING PILE LOCATIONS SURVEYED BY NCDOT.
 LOCATIONS SHOWN ARE FOR INFORMATION ONLY.

PREPARED BY: DMB DATE: 7/14/2022
 REVIEWED BY: REK DATE: 7/14/2022

Prepared in the Office of:



**CAROLINAS
 GEOTECHNICAL
 GROUP**
 2400 CROWNPPOINT EXECUTIVE DRIVE
 SUITE 800
 CHARLOTTE, NC 28227
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**RETAINING WALL #16
 SHORED MECHANICALLY
 STABILIZED EARTH (SMSE) WALL**

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1			3			W16-2
2			4			