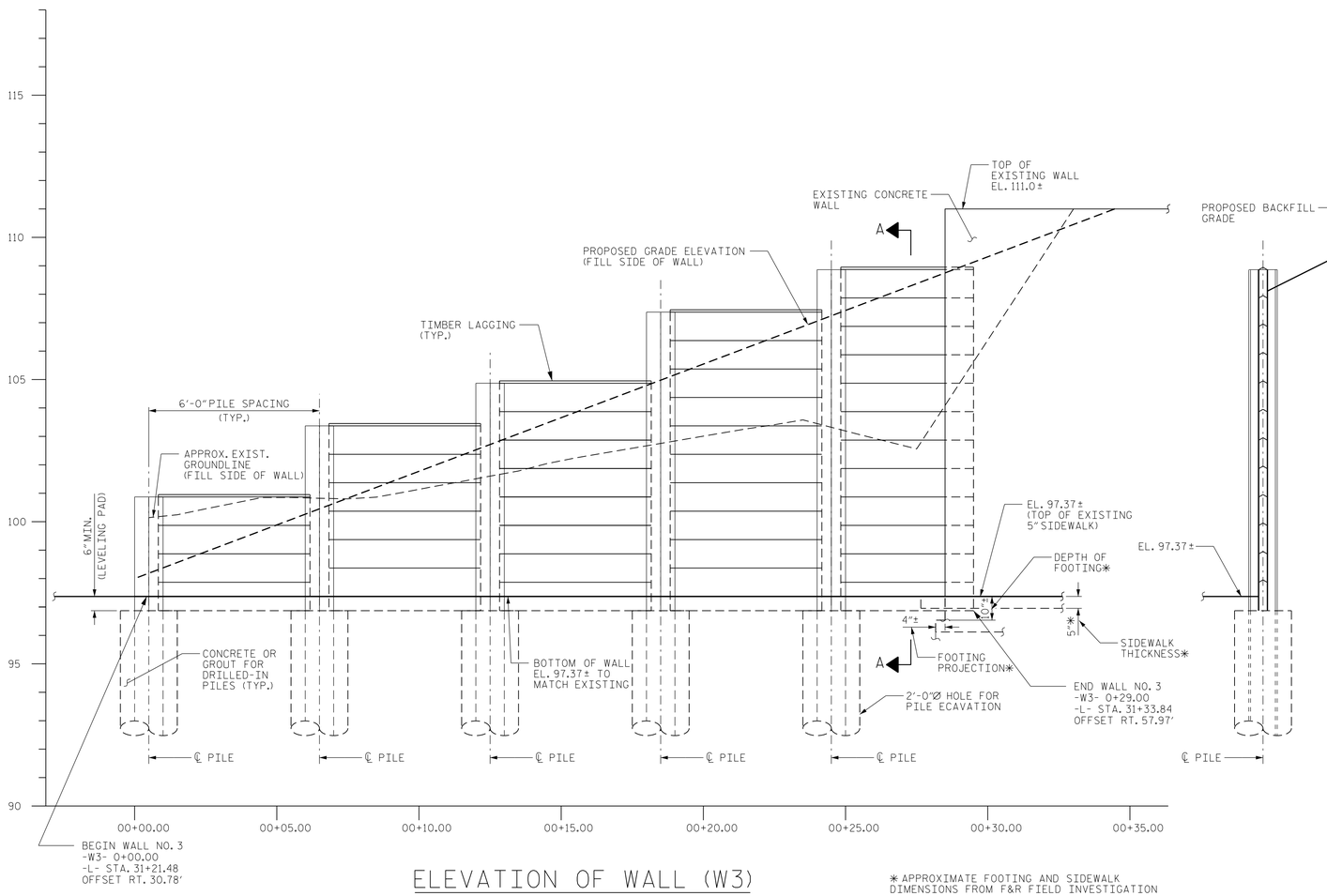
GEOTECHNICAL ENGINEER	ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 048123 ENGINEER CHENG WANG, P.E.	
DocuSigned by: Cheng Wang 171172C5C0C7B4... 10/31/2025 SIGNATURE DATE	SIGNATURE DATE

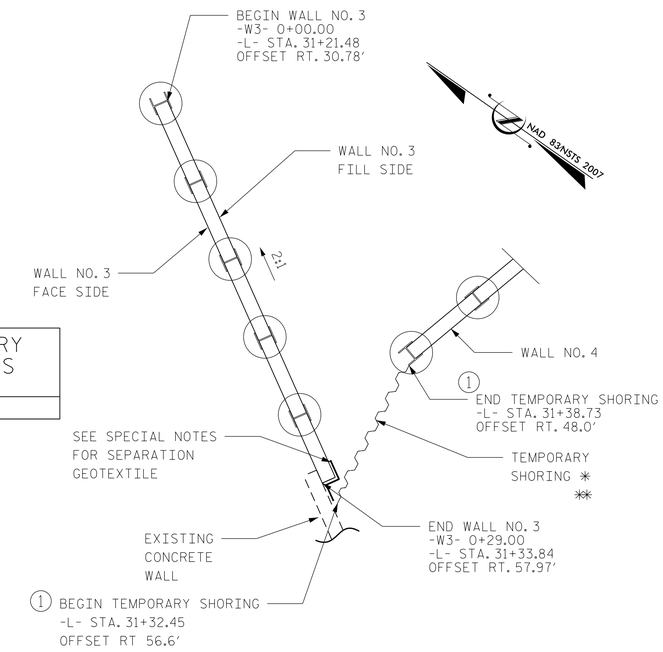
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



ELEVATION OF WALL (W3)

* APPROXIMATE FOOTING AND SIDEWALK DIMENSIONS FROM F&R FIELD INVESTIGATION

① ESTIMATED TEMPORARY SHORING QUANTITIES (SQUARE FEET)
120 SF



PLAN OF WALL (W3)

① * THE CONTRACTOR WILL BE REQUIRED TO DESIGN, CONSTRUCT AND AFTERWARDS REMOVE TEMPORARY SHORING REQUIRED IN THE AREAS INDICATED IN THE PLAN VIEW.

** FOR TEMPORARY SHORING, SEE TEMPORARY SHORING PROVISION.

PROJECT NO.: B-4838

COUNTY: WAYNE

SHEET 5 OF 7 WALL ID RW-3

ESTIMATED SOLDIER PILE WALL QUANTITIES (SQUARE FEET)	
SOLDIER PILE WALL NO. 3	214 SF

PREPARED BY: C. WANG, P.E.	DATE: 10/25
REVIEWED BY: P. ALTON, P.E	DATE: 10/25

SINCE F&R 1881

Prepared in the Office of:

FROEHLING & ROBERTSON, INC.

Engineering Stability Since 1881

310 Hubert Street
Raleigh, North Carolina 27603-2302
License No. F-0266
Bus: 919.828.3441 Fax: 919.828.5751

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

RETAINING WALL NO. 3
WALL ENVELOPE

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	
1	C. WANG, P.E.	10/31/25	3			W-5
2			4			