

NOTES

FOR GENERAL NOTES AND NOTES REGARDING MATERIALS AND CORROSION PROTECTION, SEE GENERAL DRAWINGS.

FOR CONCRETE SHEET PILE DESIGN PARAMETERS, SEE SHEET 5 OF 16.

FOR CONCRETE SHEET PILE FOUNDATION NOTES, SEE SHEET 5 OF 16.

THE SHEET PILE WIDTH DIMENSIONS ARE NOMINAL, THESE DIMENSIONS MAY BE SHORTENED BY THE MANUFACTURER UP TO 1/2" TO ALLOW FOR SHEET PILE FIT-UP IN ITS FINAL POSITION. NO CHANGES SHALL BE MADE TO THE TONGUES OR GROOVES.

TOP OF PILE ELEVATIONS SHOWN ARE THE MAXIMUM ALLOWABLE TOP OF PILE ELEVATION AND INCLUDE THE 3" ± TOLERANCE ALLOWED PER SECTION 452 OF THE STANDARD SPECIFICATIONS.

FOR CONCRETE SHEET PILE WALL, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

NOTE:
FOR CONCRETE SHEET PILES AND CONCRETE COPING ALONG SIDES AND FRONT OF END BENT 1 CAP, SEE SHEET 4 OF 16.

NOTE:
FOR CONCRETE COPING, SEE SHEET 5 OF 19.

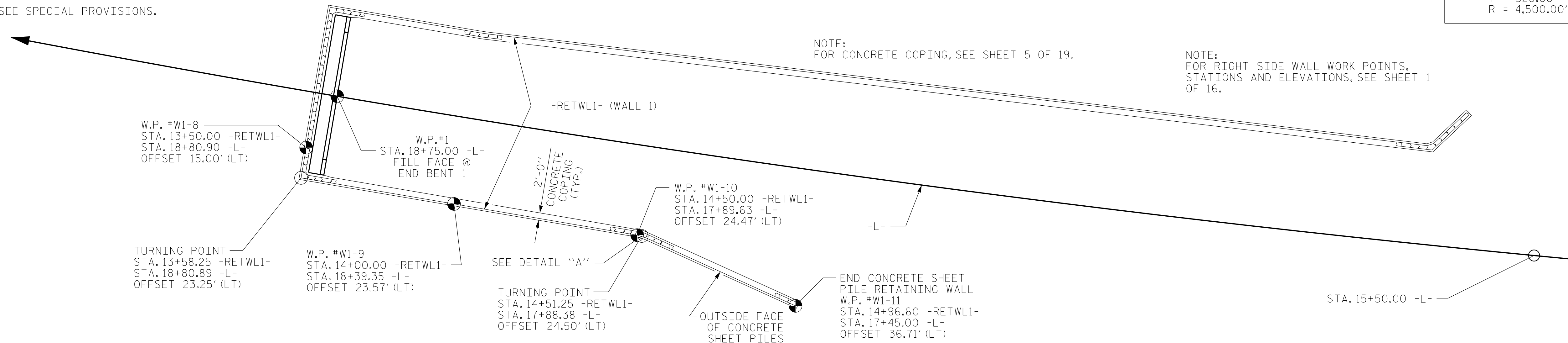
NOTE:
FOR RIGHT SIDE WALL WORK POINTS, STATIONS AND ELEVATIONS, SEE SHEET 1 OF 16.

VERTICAL CURVE
DATA -L-

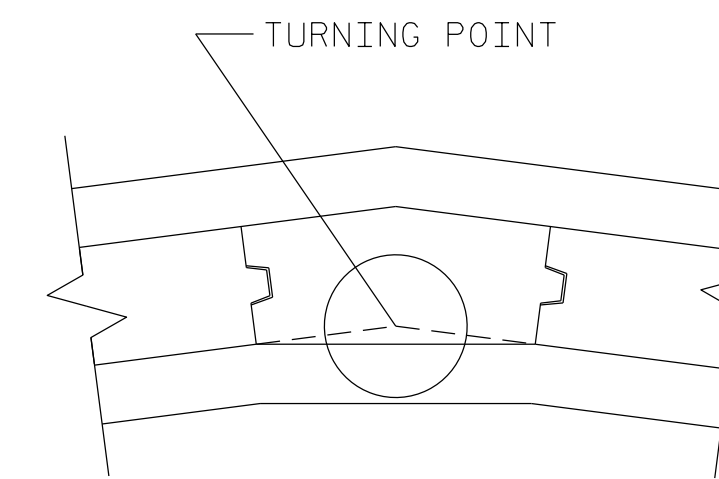
(+)-0.4950% (+)-6.0000%
PI = 17+05.00 -L-
EL. = 7.93'
VC = 530'

HORIZ. CURVE
DATA -L-

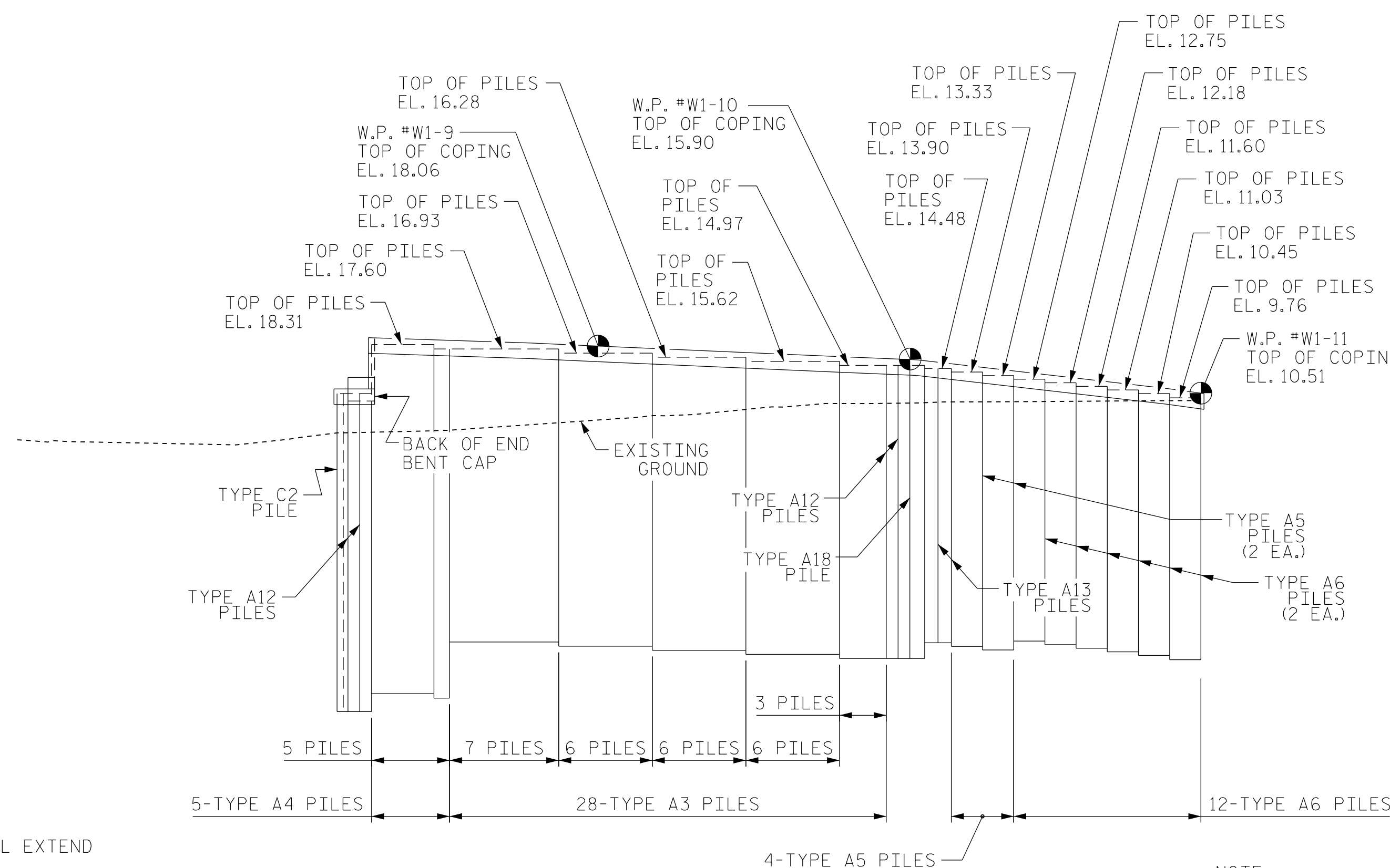
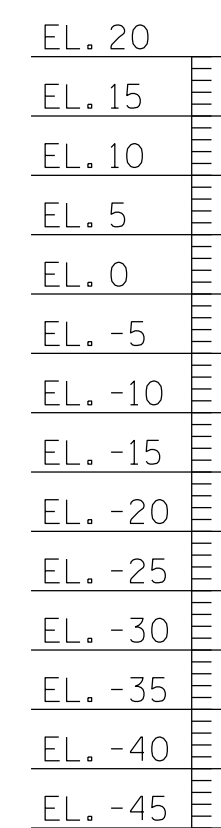
PI = 16+00.02 -L-
Δ = 13°-24'-02.8" (RT.)
D = 1°-16'-23.7"
L = 1052.49'
T = 528.66'
R = 4,500.00'



PLAN



DETAIL "A"



-RETWL1- ELEVATION - LEFT SIDE

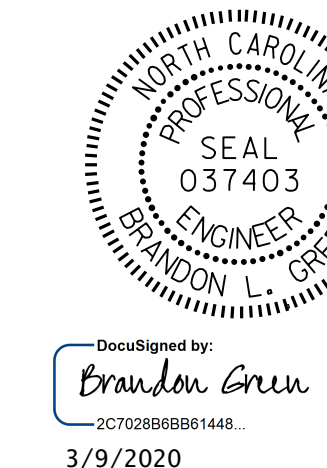
NOTE:
CAST-IN-PLACE CONCRETE COPING SHALL EXTEND 6" BEYOND FIRST PILE AT W.P. #W1-11.

NOTE:
INDIVIDUAL PILES WITHIN PILE GROUPS NOT SHOWN FOR CLARITY

PROJECT NO. B-4863
CARTERET COUNTY
STATION: 34+75.00 -L-

SHEET 2 OF 16

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
CONCRETE SHEET PILE
RETAINING WALL
-RETWL1- LEFT SIDE



DocuSigned by:
Brandon Green
3/9/2020

DRAWN BY : B. L. GREEN, P.E. DATE : 3/19
CHECKED BY : D. A. CANTRELL, P.E. DATE : 6/19
DESIGN ENGINEER OF RECORD: B. L. GREEN, P.E. DATE : 7/19

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	W-02	
1			3			TOTAL SHEETS	24
2			4				