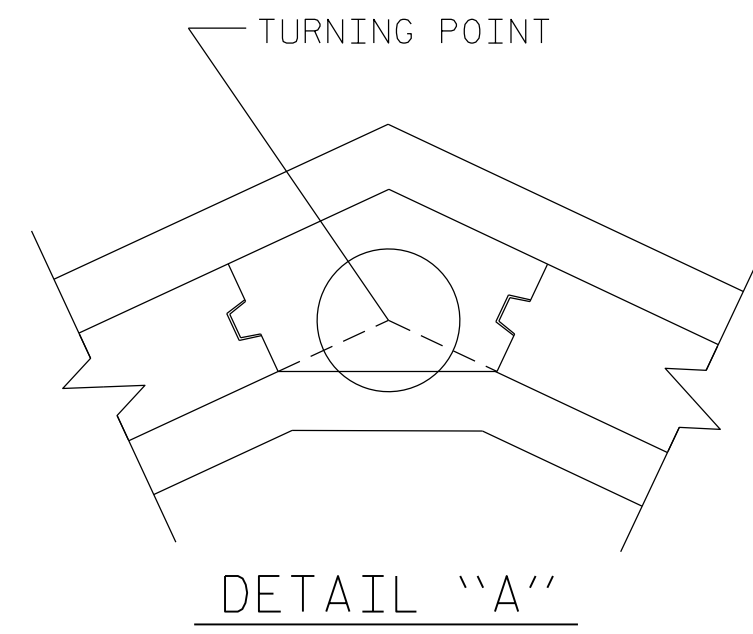
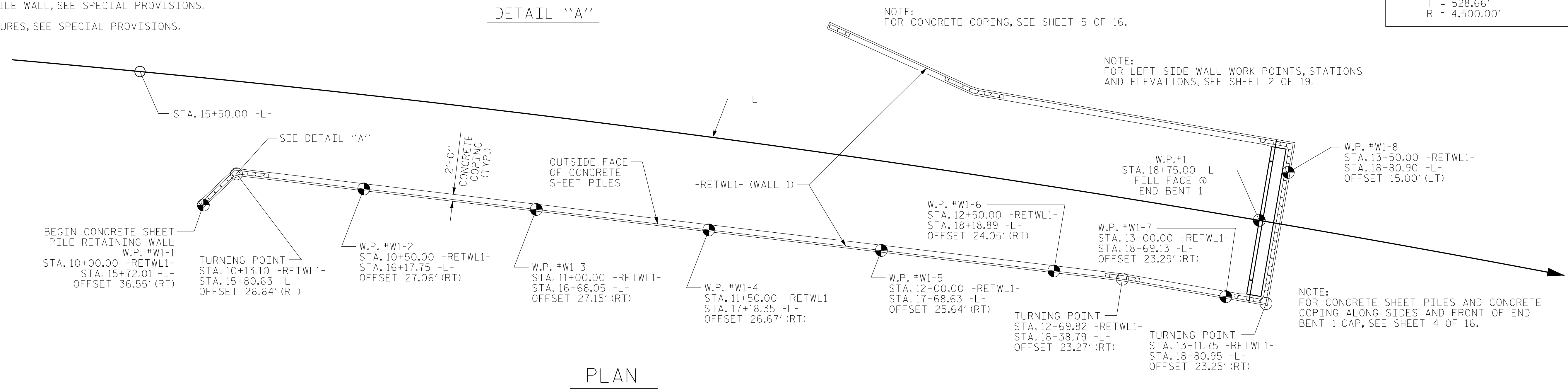


NOTES

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.

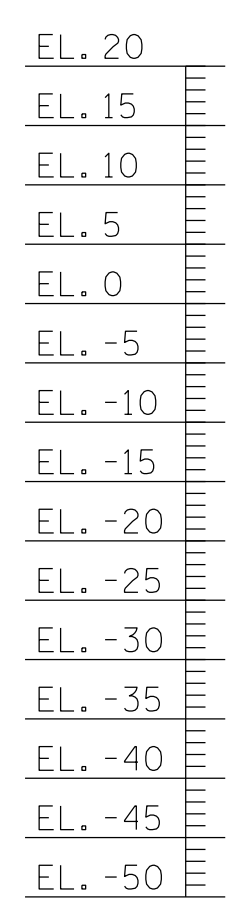
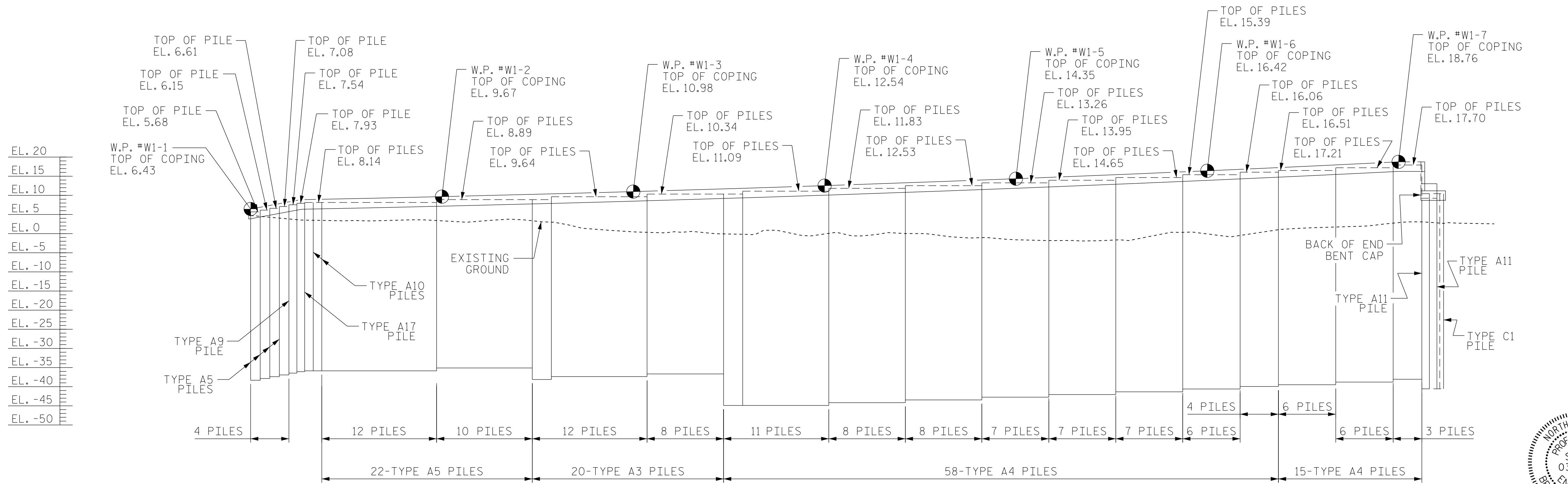


VERTICAL CURVE DATA -L-	
(+0.4950%	(+6.0000%
PI = 17+05.00 -L-	EL. = 7.93'
	VC = 530'
HORIZ. CURVE DATA -L-	
PI = 16+00.02 -L-	Δ = 13°-24'-02.8" (RT.)
	D = 1°-16'-23.7"
	L = 1052.49'
	T = 528.66'
	R = 4,500.00'



PLAN

TOTAL BILL OF MATERIAL	
RETAINING WALL NO.	CONCRETE SHEET PILE RETAINING WALL LINEAR FT.
-RETWL1-	496.6
-RETWL2-	163.9
TOTAL LENGTH	660.5



NOTE: CAST-IN-PLACE CONCRETE COPING SHALL EXTEND 6" BEYOND FIRST PILE AT W.P. #W1-1.

NOTE: INDIVIDUAL PILES WITHIN PILE GROUPS NOT SHOWN FOR CLARITY

-RETWL1- ELEVATION - RIGHT SIDE

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

SHEET 1 OF 16



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

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-01
1			3			TOTAL SHEETS
2			4			24