

NOTES

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

FOR CONCRETE SHEET PILE DESIGN PARAMETERS, SEE SHEET 6 OF 11.

FOR CONCRETE SHEET PILE FOUNDATION NOTES, SEE SHEET 6 OF 11.

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-**

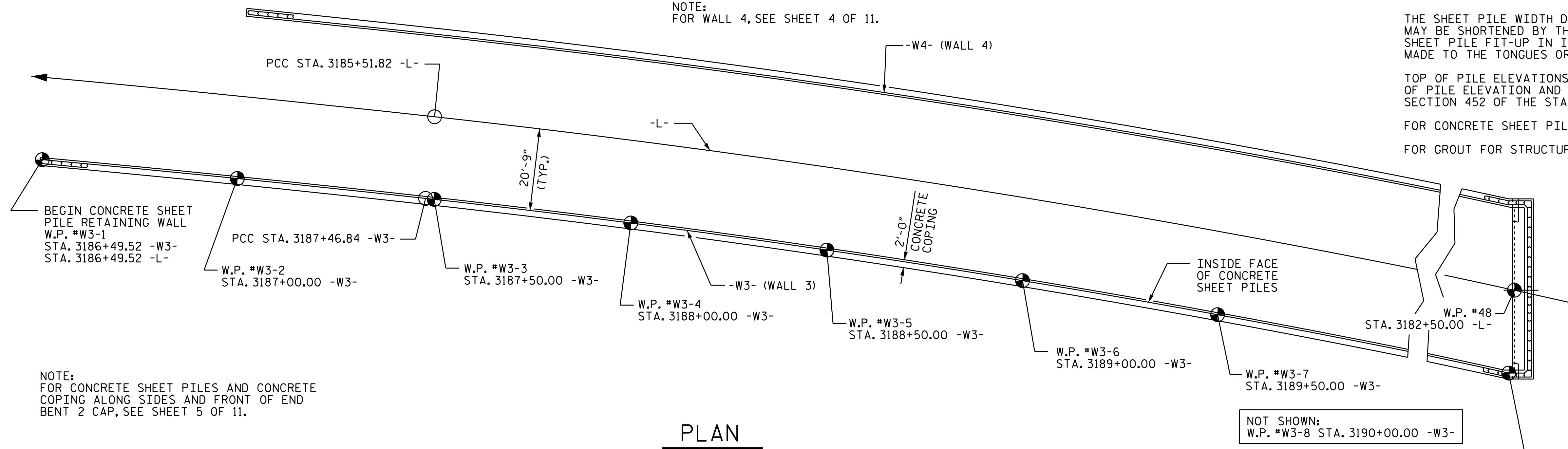
-0.7000%	△	-2.3500%
PI = 3183+80.00 -L-		
EL. = 10.99'		
VC = 200'		
-2.3500%	△	+0.2500%
PI = 3186+40.00 -L-		
EL. = 4.88'		
VC = 320'		

**HORIZ. CURVE DATA -W3-**

PI = 3186+98.18
Δ = 1°-02'-46.7" (RT)
D = 1°-04'-30.4"
L = 97.32'
T = 48.66'
R = 5,329.25'
PI = 3188+98.33
Δ = 6°-09'-05.2" (RT)
D = 2°-01'-56.3"
L = 302.68'
T = 151.49'
R = 2,819.25'

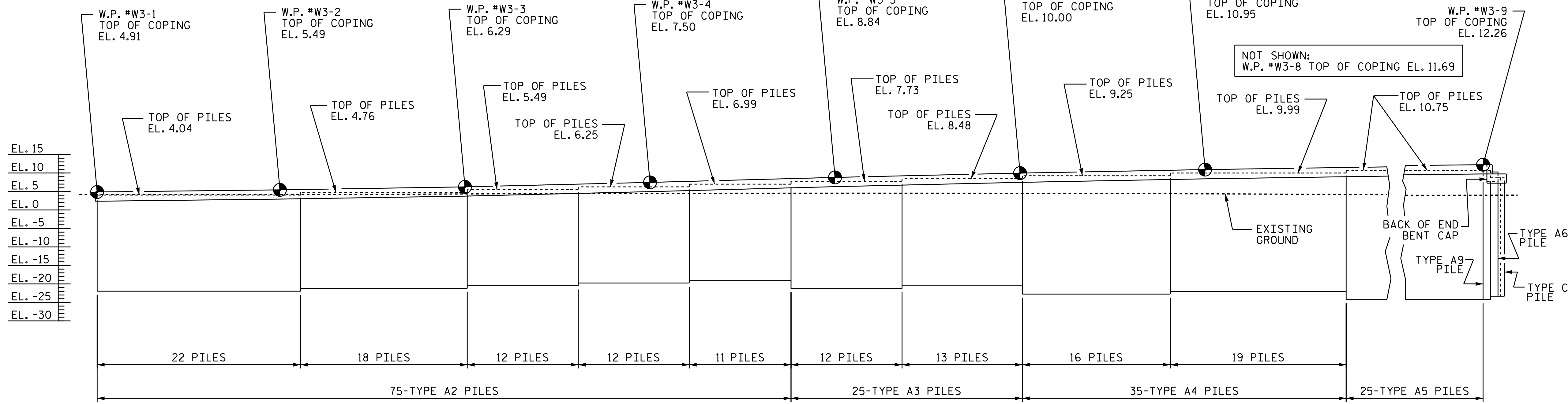
NOTE:  
FOR CONCRETE COPING, SEE SHEET 6 OF 11.

NOTE:  
FOR WALL 4, SEE SHEET 4 OF 11.



NOTE:  
FOR CONCRETE SHEET PILES AND CONCRETE COPING ALONG SIDES AND FRONT OF END BENT 2 CAP, SEE SHEET 5 OF 11.

**PLAN**



NOTE:  
CAST-IN-PLACE CONCRETE COPING SHALL EXTEND 6" BEYOND FIRST PILE AT W.P. #W3-1.

NOTE:  
INDIVIDUAL PILES WITHIN PILE GROUPS NOT SHOWN FOR CLARITY

**WALL 3 ELEVATION**



PROJECT NO. B-2500AB  
DARE COUNTY  
 STATION: 3170+75.00 -L-

SHEET 3 OF 11

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**CONCRETE SHEET PILE  
 RETAINING WALL  
 WALL 3**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	W-3
1			3			TOTAL SHEETS
2			4			13

DRAWN BY : T. M. GARRISON, P.E. DATE : 6/15  
 CHECKED BY : M. A. ALLEN DATE : 6/15  
 DESIGN ENGINEER OF RECORD: T. M. GARRISON, P.E. DATE : 6/15

DocuSigned by:  
 61EAF7529B4566  
 8/3/2015