

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.

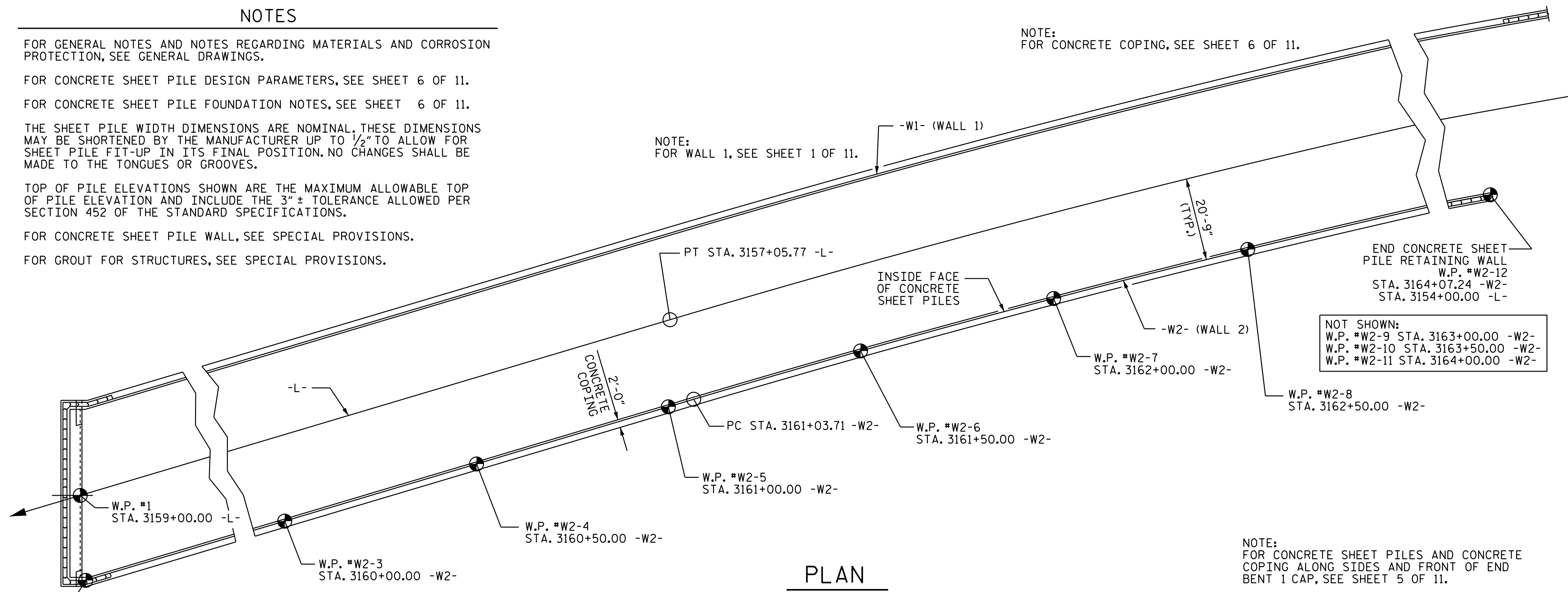
TOP OF PILE ELEVATIONS SHOWN ARE THE MAXIMUM ALLOWABLE TOP OF PILE ELEVATION AND INCLUDE THE 3" ± TOLERANCE ALLOWED PER SECTION 452 OF THE STANDARD SPECIFICATIONS.

FOR CONCRETE SHEET PILE WALL, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

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

NOTE:
FOR WALL 1, SEE SHEET 1 OF 11.



VERTICAL CURVE DATA -L-

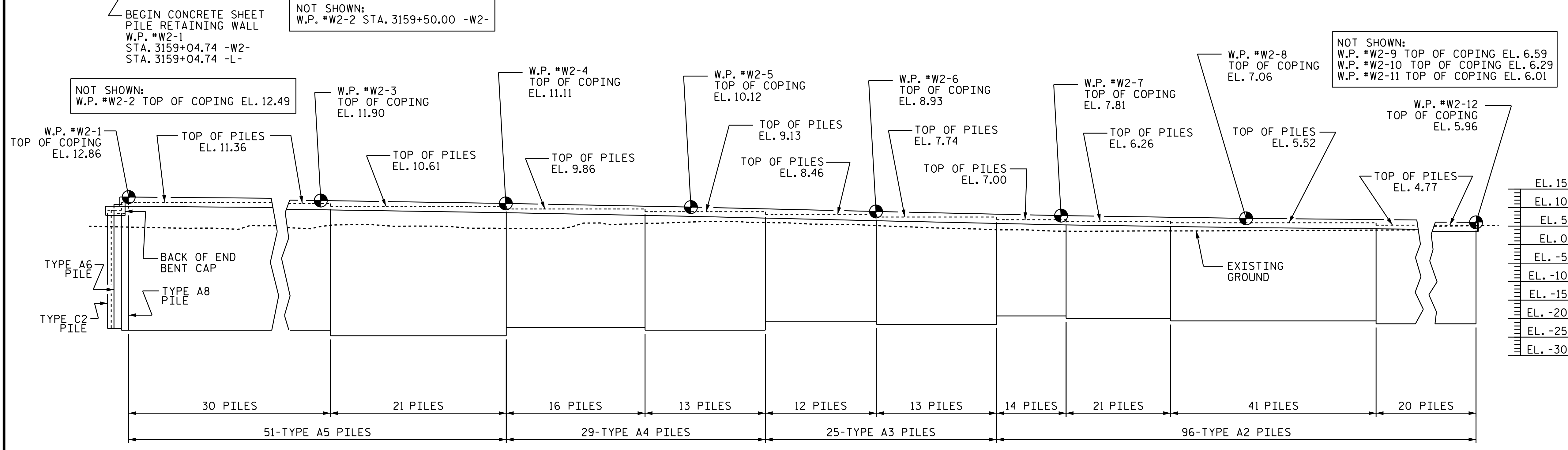
+0.5500%	△	+2.1000%
PI = 3155+80.00 -L-		
EL. = 7.86'		
VC = 180'		
+2.1000%	△	+0.5000%
PI = 3157+70.00 -L-		
EL. = 11.85'		
VC = 200'		

HORIZ. CURVE DATA -W2-

PI = 3162+55.63
Δ = 6°-10'-07.4" (RT)
D = 2°-01'-56.3"
L = 303.53'
T = 151.91'
R = 2,819.25'

NOT SHOWN:
W.P. #W2-9 STA. 3163+00.00 -W2-
W.P. #W2-10 STA. 3163+50.00 -W2-
W.P. #W2-11 STA. 3164+00.00 -W2-

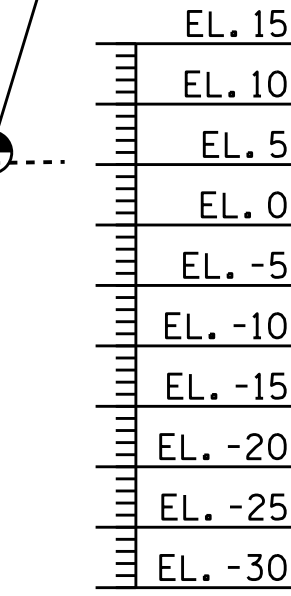
NOTE:
FOR CONCRETE SHEET PILES AND CONCRETE COPING ALONG SIDES AND FRONT OF END BENT 1 CAP, SEE SHEET 5 OF 11.



NOTE:
INDIVIDUAL PILES WITHIN PILE GROUPS NOT SHOWN FOR CLARITY

NOTE:
CAST-IN-PLACE CONCRETE COPING SHALL EXTEND 6" BEYOND LAST PILE AT W.P. #W2-12.

NOT SHOWN:
W.P. #W2-9 TOP OF COPING EL. 6.59
W.P. #W2-10 TOP OF COPING EL. 6.29
W.P. #W2-11 TOP OF COPING EL. 6.01



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

SHEET 2 OF 11

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**CONCRETE SHEET PILE
 RETAINING WALL
 WALL 2**

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

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