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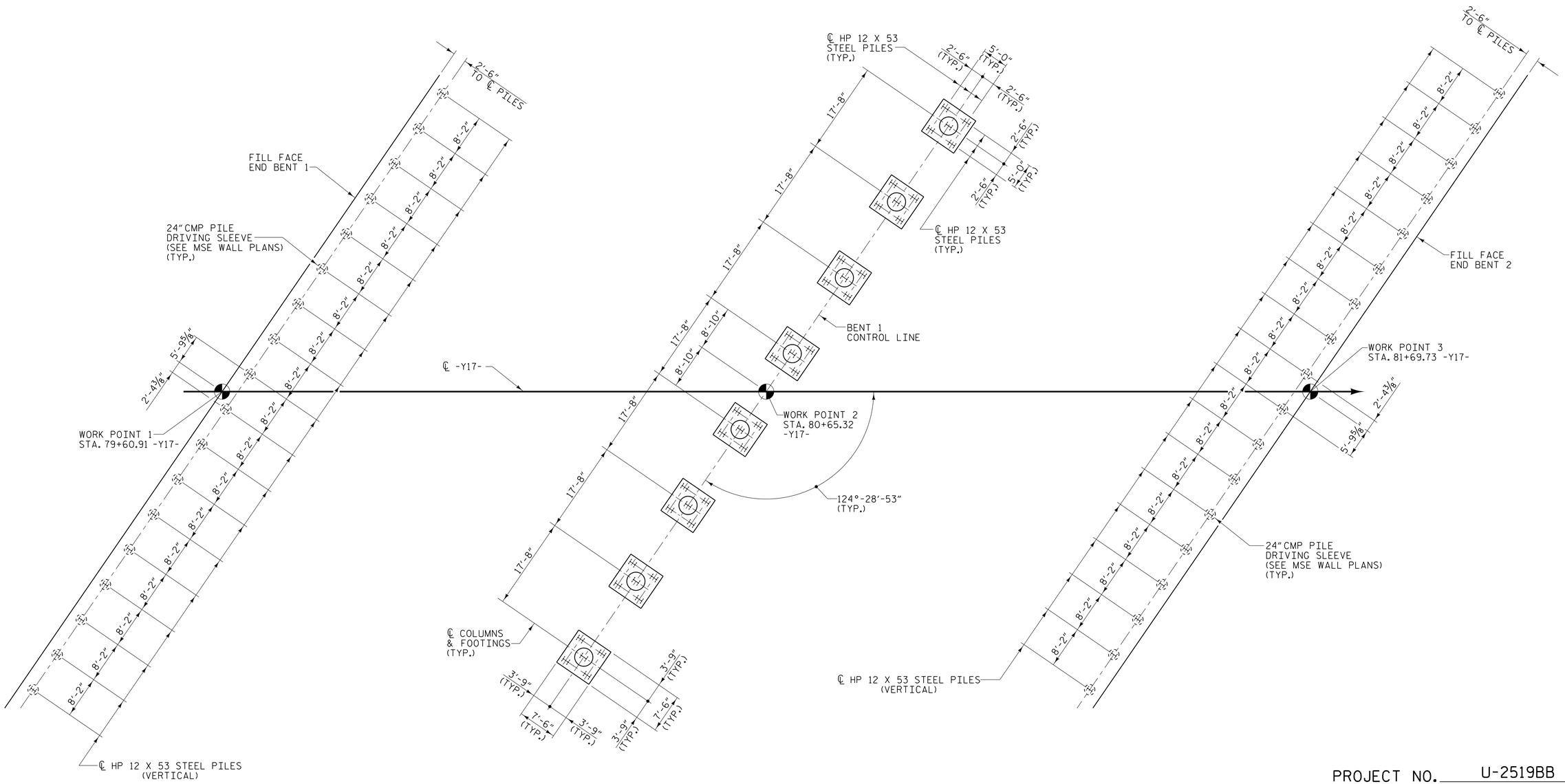

PROJECT NO. U-2519BB

CUMBERLAND COUNTY

STATION: 80+65.32 -Y17- POT

SHEET 2 OF 4

FOUNDATION LAYOUT

NOTES

ALL PILES AT END BENT NO. 1, BENT NO. 1, AND END BENT NO. 2 ARE HP 12 X 53.

DIMENSIONS LOCATING PILES ARE SHOWN TO THE PILE CENTERLINE.

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT NO. 1, BENT NO. 1, AND END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.

DRIVE PILES AT END BENT NO. 1, BENT NO. 1, AND END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.

TESTING PILES WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING MAY BE REQUIRED. THE ENGINEER WILL DETERMINE THE NEED FOR PDA TESTING. SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

DRAWN BY :	W. B. ALLEN	DATE :	7/17
CHECKED BY :	Z. H. BROWN	DATE :	8/17
DESIGN ENGINEER OF RECORD:	L. K. AUSTIN	DATE :	2/22

PLANS PREPARED BY:

NV5 ENGINEERS & CONSULTANTS, INC.
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CARY, NC 27518
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formerly CALYX Engineers & Consultants

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
L. Kevin Austin
DF7B8720E4A4BD...
NORTH CAROLINA PROFESSIONAL SEAL 019661 ENGINEER L. KEVIN AUSTIN
3/29/2022

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON -Y17- (SR 1140) OVER -L- (F.O.L) BETWEEN SR 1112 AND SR 1104

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			41

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