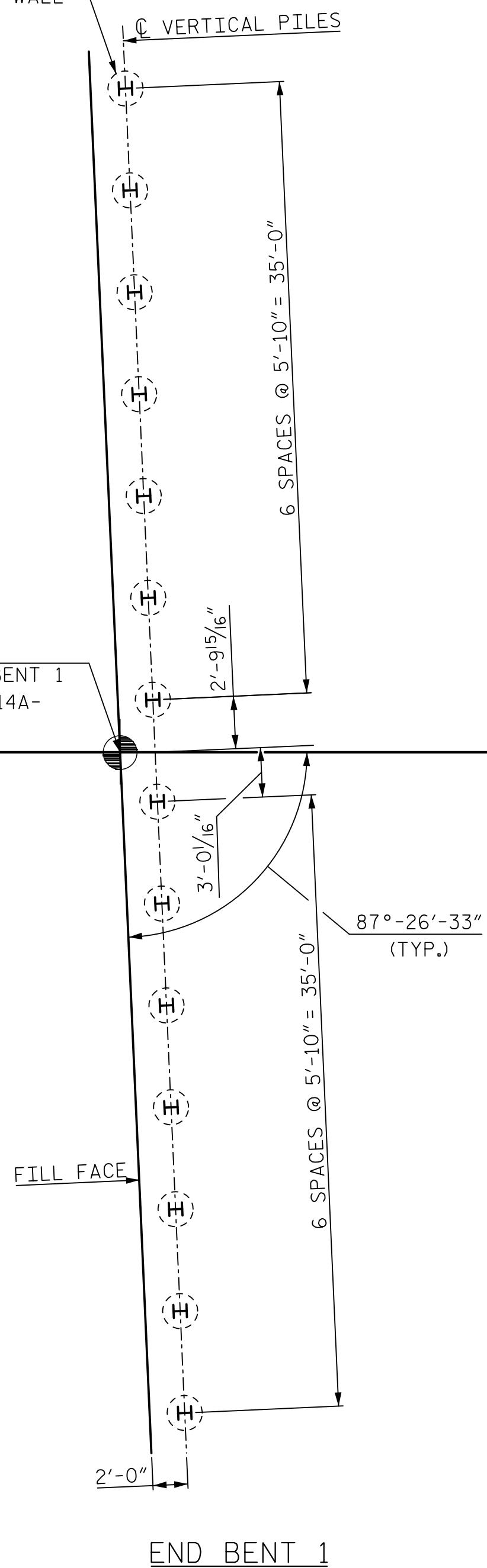


24" DIA. PILE SLEEVE
INSTALLED WITH MSE WALL
(TYP. EA. END BENT)

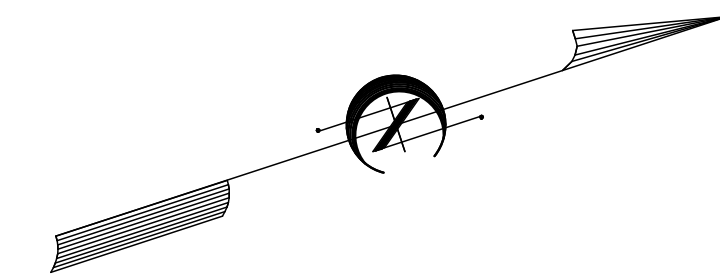
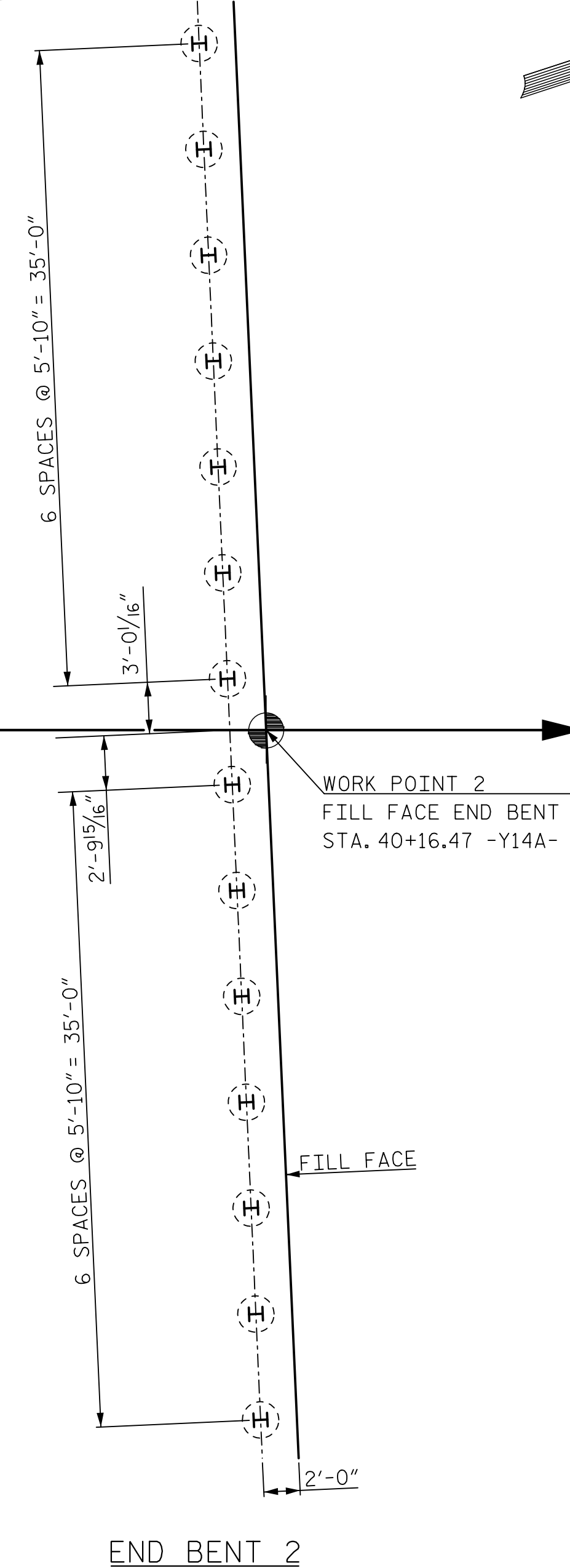
WORK POINT 1
FILL FACE END BENT 1
STA. 38+95.97 -Y14A-



SPAN A

CL -Y14A-
N18°-00'-00"E

VERTICAL PILES



FOUNDATION NOTES:

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

PILES AT END BENT NO.1 AND END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 120 TONS PER PILE.

DRIVE PILES AT END BENT NO.1 AND END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 200 TONS PER PILE.

STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES AT END BENT NO.1 AND END BENT NO.2. FOR STEEL PILE POINTS, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

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

OBSERVE A 1 MONTH WAITING PERIOD AFTER CONSTRUCTING THE MECHANICALLY STABILIZED EARTH (MSE) ABUTMENT WALL TO WITHIN 1 FT. OF THE BOTTOM OF CAP ELEVATIONS BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT NO.1 AND END BENT NO.2. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SECTION 235 OF THE STANDARD SPECIFICATIONS.

FOUNDATION LAYOUT PLAN

ALL DIMENSIONS ARE PARALLEL OR NORMAL TO FILL FACES AT END BENTS.

ALL PILE DIMENSIONS ARE TO CENTERS OF PILES.

PILES AT END BENT 1 AND END BENT 2 ARE HP 12x53 STEEL PILES.

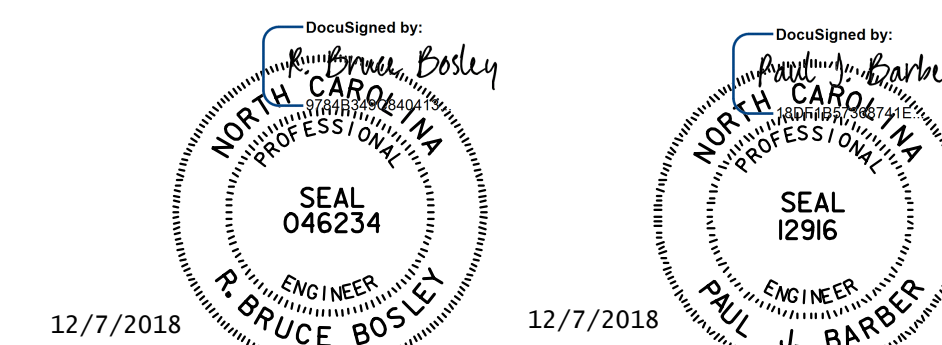
FOR FOUNDATION ELEVATIONS AND DETAILS, SEE END BENT SHEETS.

PROJECT NO. R-5021
BRUNSWICK COUNTY
STATION: 39+52.37 -Y14A-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOUNDATION LAYOUT



DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

HNTB		HNTB NORTH CAROLINA, P.C. NC License No. C-1554 343 E. Six Forks Rd., Suite 200, Raleigh, N.C. 27609	
DRAWN BY	L. WATERS	DATE	7/18
CHECKED BY	B. BOSLEY	DATE	7/18
DESIGN ENGINEER OF RECORD	B. BOSLEY	DATE	12/18
DWG. NO. 2			

REVISIONS					SHEET NO.
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

TOTAL SHEETS	24
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