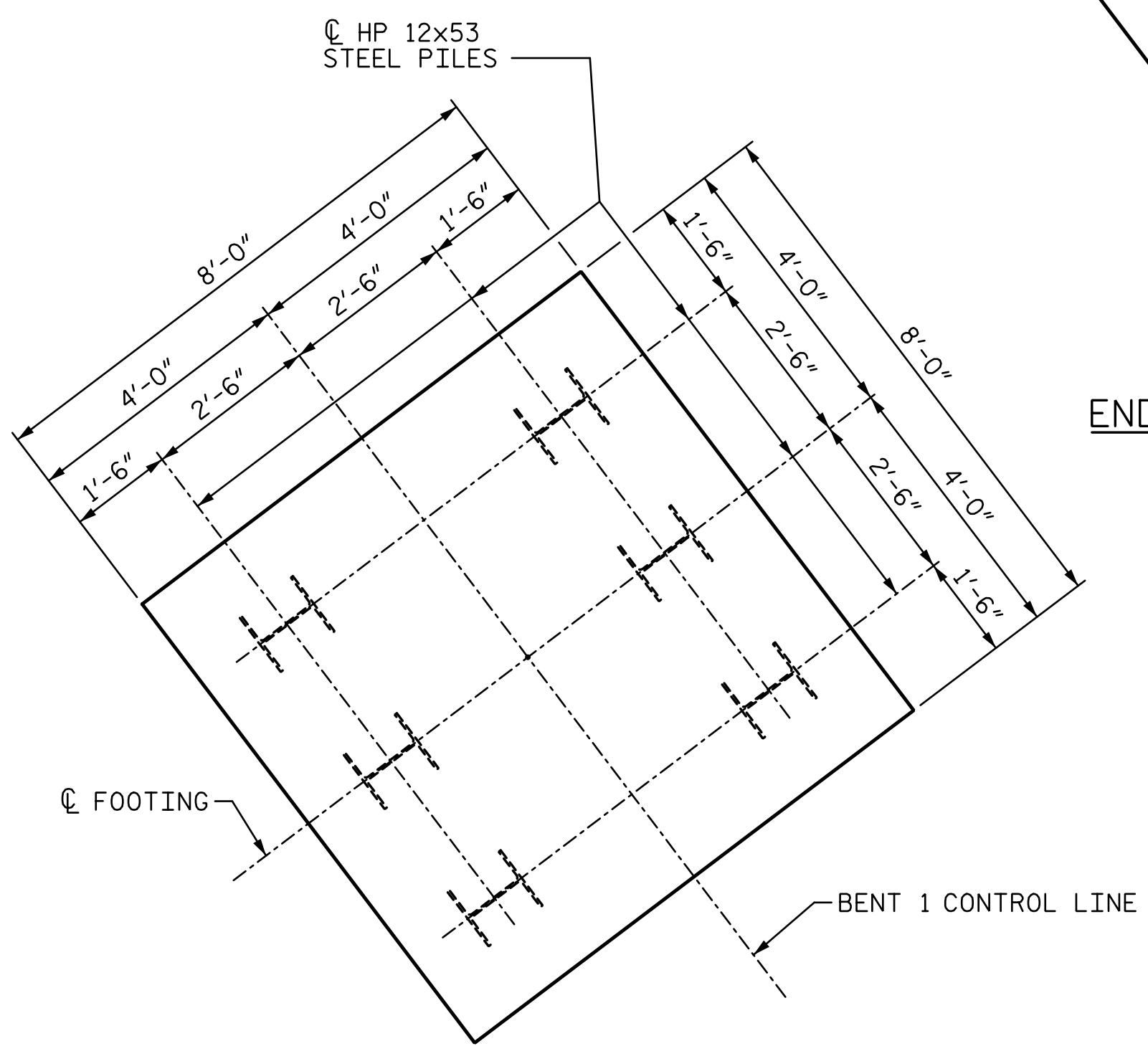
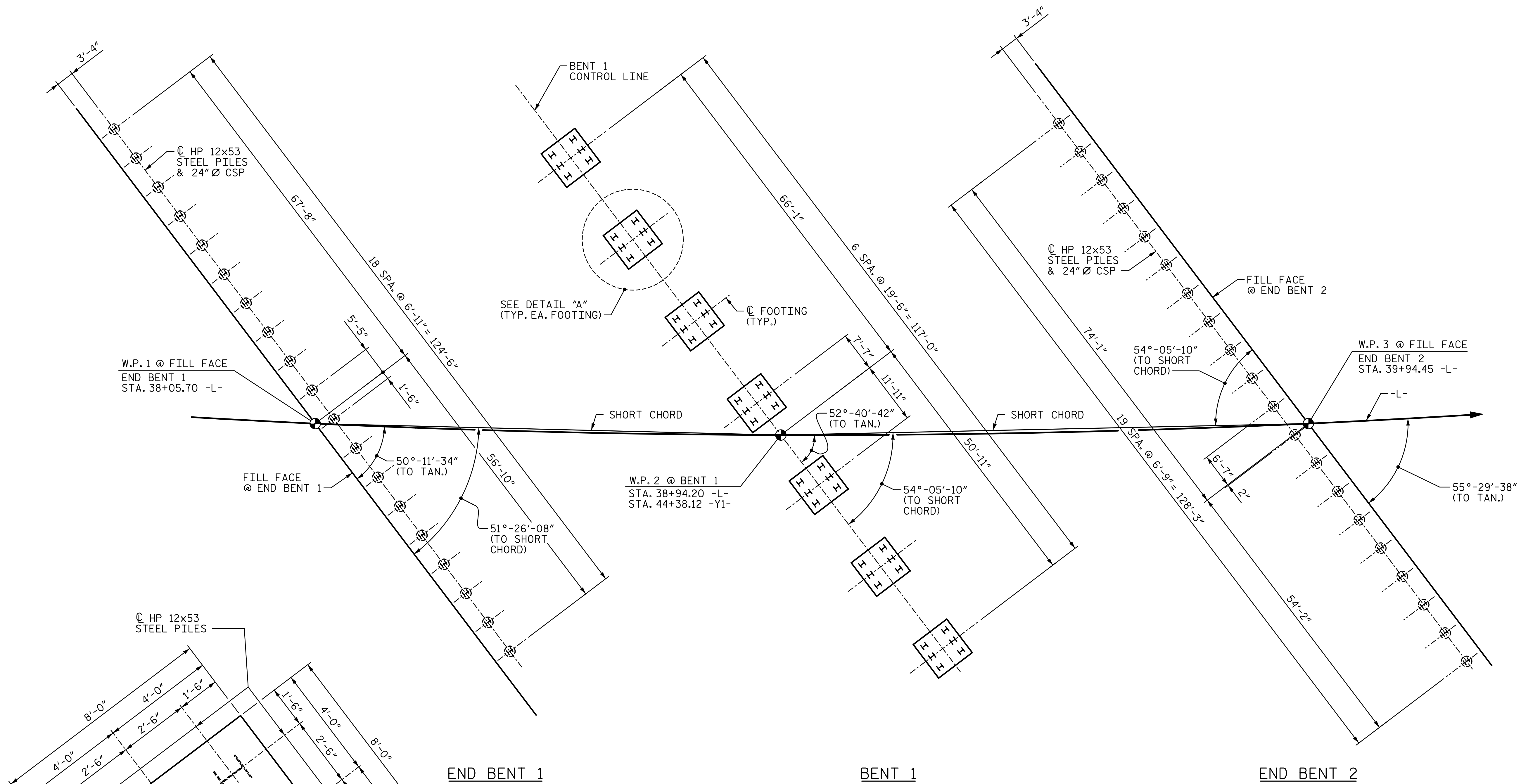


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FOUNDATION LAYOUT

(DIMENSIONS LOCATING PILES ARE SHOWN TO THE PILE CENTERLINE AT THE BOTTOM OF CAP/FOOTING)

FOUNDATION NOTES:

1. FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.
2. PILES AT END BENT 1, BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 100 TONS PER PILE.
3. DRIVE PILES AT END BENT 1, BENT 1 AND END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE.
4. TESTING PILES WITH THE PILE DRIVING ANALYZER (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.
5. OBSERVE A SIX MONTH WAITING PERIOD AFTER CONSTRUCTING THE MSE WALLS PRIOR TO INSTALLING PILES AT THE END BENTS. A TWO FOOT DIAMETER CORRUGATED METAL SLEEVE SHOULD BE INSTALLED DURING MSE WALL CONSTRUCTION FOR PILES TO BE INSTALLED INTO AFTER THE WAITING PERIOD ENDS. THE SLEEVE SHOULD BE FILLED WITH SAND AFTER THE PILE IS INSTALLED. SEE MSE WALL PLANS.

PROJECT NO. U-4751
NEW HANOVER COUNTY
 STATION: 38+94.20 -L-
 SHEET 2 OF 4

				STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING FOUNDATION LAYOUT	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED				REVISIONS	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
STR. #1					SHEET NO. S1-2 TOTAL SHEETS 36

DRAWN BY : **VMW** DATE : **4-17** DESIGN ENGINEER OF RECORD: **V. WU** DATE : **5-17**
 CHECKED BY : **TJT** DATE : **4-17**