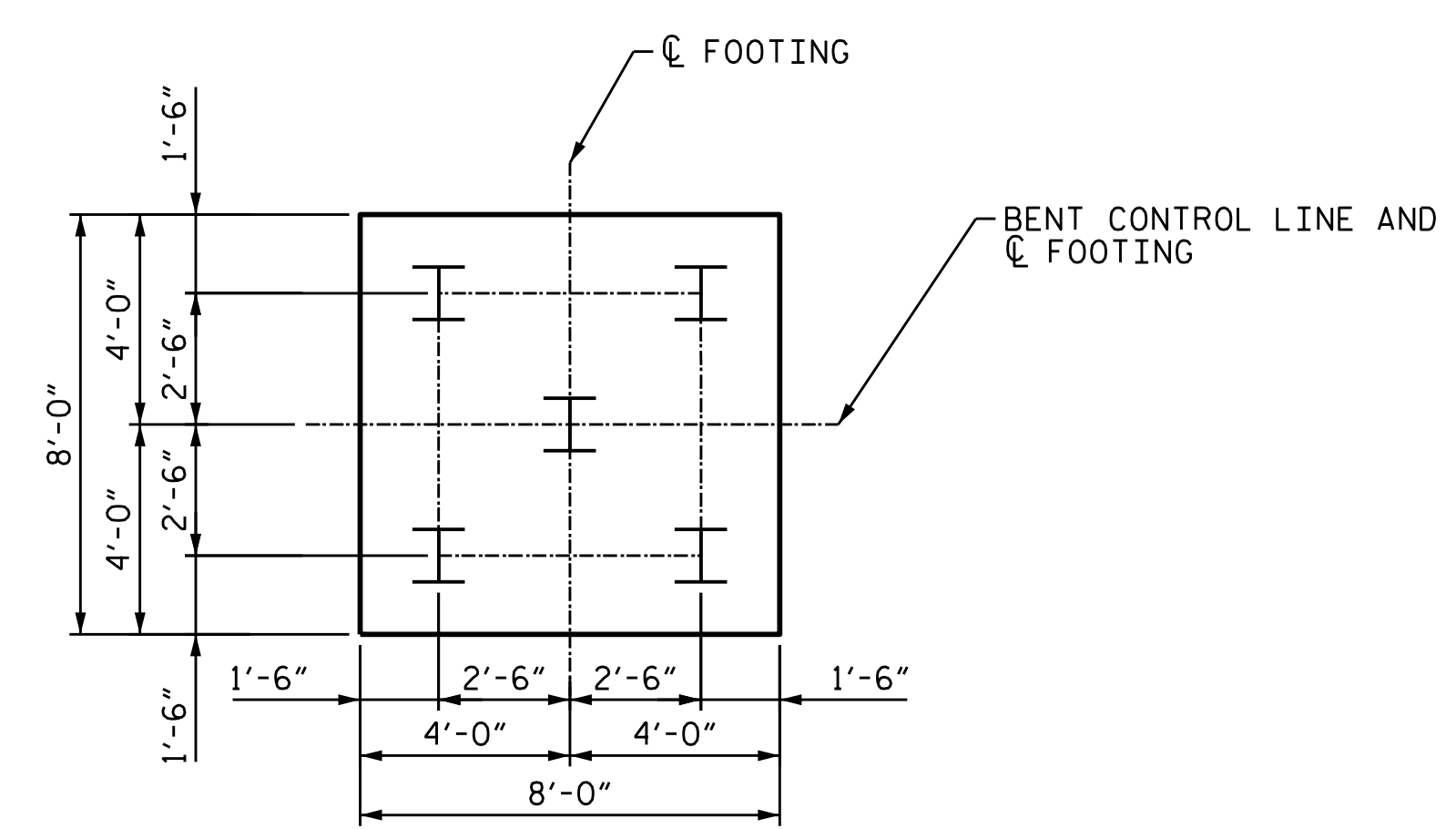


**FOUNDATION LAYOUT**

END BENTS AND INTERIOR BENTS ARE PARALLEL.  
 DIMENSIONS LOCATING PILES ARE SHOWN TO CENTERLINE OF PILES  
 AT BOTTOM OF THE END BENT CAP OR BENT FOOTING.  
 ORIENT PILES AS SHOWN.

**NOTES**

- FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENT NO.1 AND NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 55 TONS PER PILE.
- PILES AT BENTS NO.1, NO.2, AND NO.3 ARE DESIGNED FOR A FACTORED RESISTANCE OF 120 TONS PER PILE.
- DRIVE PILES AT END BENTS NO.1 AND NO.2 TO A REQUIRED DRIVING RESISTANCE OF 95 TONS PER PILE.
- DRIVE PILES AT BENTS NO.1, NO.2, AND NO.3 TO A REQUIRED DRIVING RESISTANCE OF 200 TONS PER PILE.
- 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.



**FOOTING DETAIL**

PROJECT NO. U-4424  
EDGEcombe COUNTY  
 STATION: 66+24.84 -L-  
 SHEET 2 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**  
 FOR BRIDGE WIDENING OVER US 64  
 (-US64-) ON NC 111 (-L-)  
 BETWEEN NC 122 AND SR 1351

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

THOMAS M. HARRIS  
 PROFESSIONAL ENGINEER  
 SEAL 19299  
 3/28/2023

**wsp**

WSP USA Inc.  
 434 FAYETTEVILLE STREET  
 SUITE 1500  
 RALEIGH, NC 27601  
 TEL: 1.919.836.4040  
 LICENSE NO. F-0165

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

TOTAL SHEETS: 37

3/28/2023 4:\188771-06 NCDOT NC 111\U-4424\Structures\Dr-off\ing\DGNS\401\_005\_U4424\_SML\_GD2\_002.dgn

DESIGNED BY:	J. WHEATLEY	DATE:	MAR 2023
DRAWN BY:	J. WHEATLEY	DATE:	MAR 2023
CHECKED BY:	T. KIRSCHBAUM	DATE:	MAR 2023
DESIGN ENGINEER OF RECORD:	T. HARRIS	DATE:	MAR 2023