

FOUNDATION LAYOUT PLAN

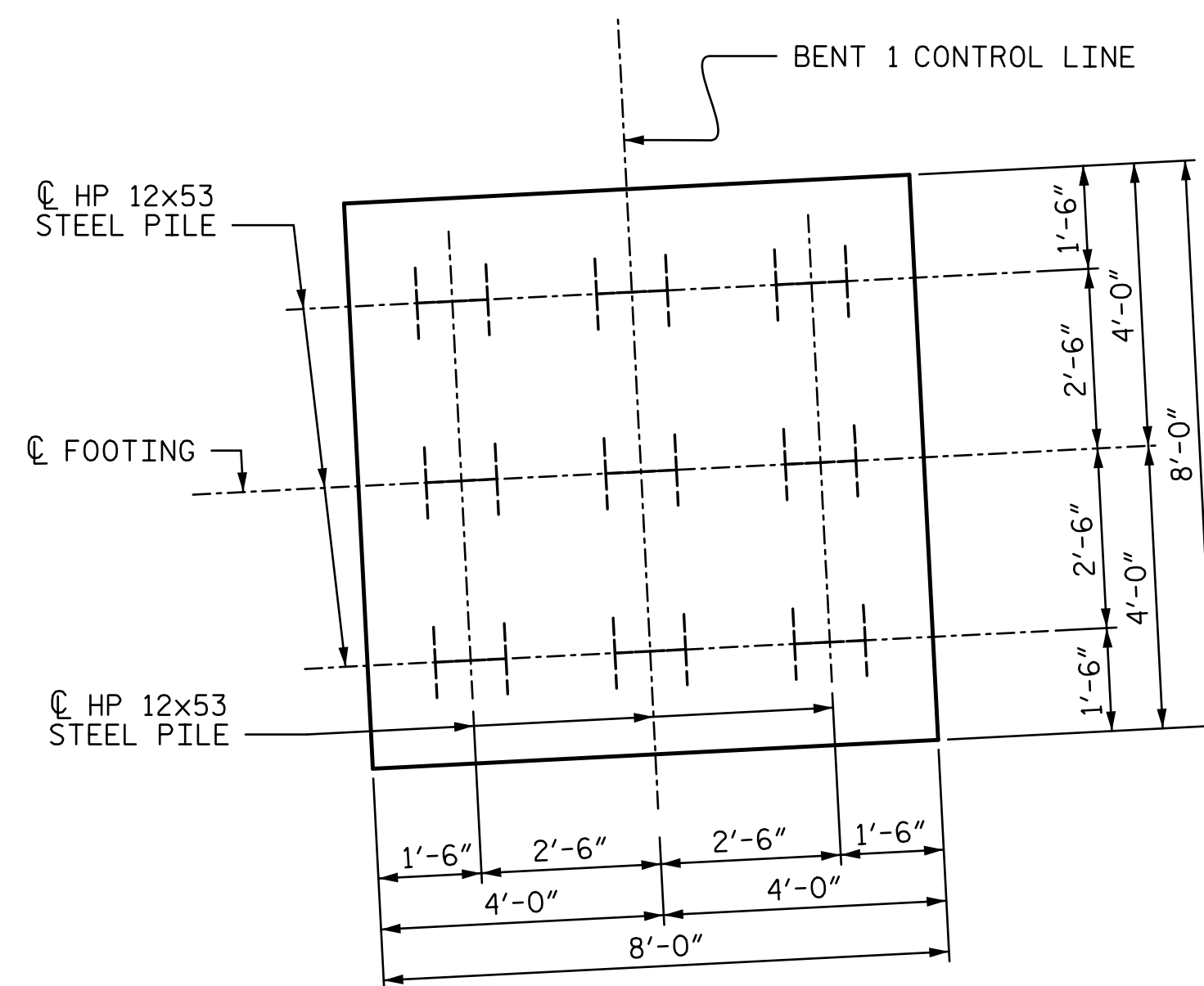
(DIMENSIONS LOCATION PILES ARE SHOWN TO THE PILE CENTERLINE AT THE BOTTOM OF CAP/FOOTING)

LEGEND

- H HP 12x53 VERTICAL PILE @ END BENTS
- HP 12x53 BRACE PILE 3H:12V @ END BENTS

FOUNDATION NOTES:

1. OBSERVE A FOUR MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FT OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT 1.
2. OBSERVE A FOUR MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT TO WITHIN 2 FT OF FINISHED GRADE BEFORE BEGINNING END BENT CONSTRUCTION AT END BENT 2.
3. FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.
4. PILES AT END BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE.
5. DRIVE PILES AT END BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE.
6. PILES AT BENT 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 85 TONS PER PILE.
7. DRIVE PILES AT BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 115 TONS PER PILE.
8. PILES AT END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE.
9. DRIVE PILES AT END BENT 2 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE.
10. TESTING THE PRODUCTION PILES WITH THE PDA DURING DRIVING, RESTRIKING, OR REDRIVING IS REQUIRED. FOR PDA TESTING, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.



DETAIL "A"

PROJECT NO. U-4751
 NEW HANOVER COUNTY
 STATION: 225+92.26 -L-
91+88.77 -Y8-
 SHEET 2 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING FOUNDATION LAYOUT		SHEET NO. S3-2 TOTAL SHEETS 36																						
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		REVISIONS																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>BY:</th> <th>DATE:</th> <th>NO.</th> <th>BY:</th> <th>DATE:</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </table>	NO.	BY:	DATE:	NO.	BY:	DATE:	1			3			2			4			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"> </td> <td style="width: 50%; text-align: center;"> </td> </tr> <tr> <td style="text-align: center;">8/1/2017</td> <td style="text-align: center;">8/1/2017</td> </tr> </table>				8/1/2017	8/1/2017
NO.	BY:	DATE:	NO.	BY:	DATE:																			
1			3																					
2			4																					
8/1/2017	8/1/2017																							

DRAWN BY : <u>MBC</u>	DATE : <u>3-17</u>	DESIGN ENGINEER OF RECORD: <u>P. KELLY</u>
CHECKED BY : <u>VMW</u>	DATE : <u>5-17</u>	DATE : <u>5-17</u>

8/1/2017 9:45:58 AM R:\403_003_U4751_SMU_FL_002_640203.dgn