



FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE SHOWN TO THE PILE CENTERLINES.
ALL PILES ARE VERTICAL HP 12 x 53 STEEL PILES.

NOTES:

- FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.
- PILES AT END BENT NO.1 AND END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 60 TONS PER PILE.
- PILES AT BENT NO.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.
- DRIVE PILES AT END BENT NO.1 AND END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 100 TONS PER PILE.
- DRIVE PILES AT BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 175 TONS PER PILE.
- DRIVE PILES AT END BENT NO.1 AND END BENT NO.2 BEFORE BEGINNING CONSTRUCTION OF THE SOIL NAIL WALLS.

PROJECT NO. U-2524D
GUILFORD COUNTY
 STATION: 13+62.84 -PED-
452+42.11 -L-
 SHEET 2 OF 4

DRAWN BY : N. B. SPEAKS DATE : 2-3-16
 CHECKED BY : A. M. HOUSTON DATE : 2-5-16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			DEPARTMENT OF TRANSPORTATION RALEIGH GENERAL DRAWING PEDESTRIAN BRIDGE OVER GREENSBORO WESTERN URBAN LOOP BETWEEN LAKE BRANDT RD. AND COTSWOLD TERRACE																		
	Michael Baker International 8000 Regency Parkway, Suite 600 Cary, North Carolina 27518 NC License No.: F-1084		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>BY:</th> <th>DATE:</th> <th>NO.</th> <th>BY:</th> <th>DATE:</th> </tr> </thead> <tbody> <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> </tbody> </table>		NO.	BY:	DATE:	NO.	BY:	DATE:	1			3			2			4	
NO.	BY:	DATE:	NO.	BY:	DATE:																
1			3																		
2			4																		

c:\p\hew 5/5/2016 12:03:12 PM
 File Name: Y:\Projects\NCDOT\U-2524D\Site\1.DWG\Final\402_002_U2524D_SMLL_GD02.dgn