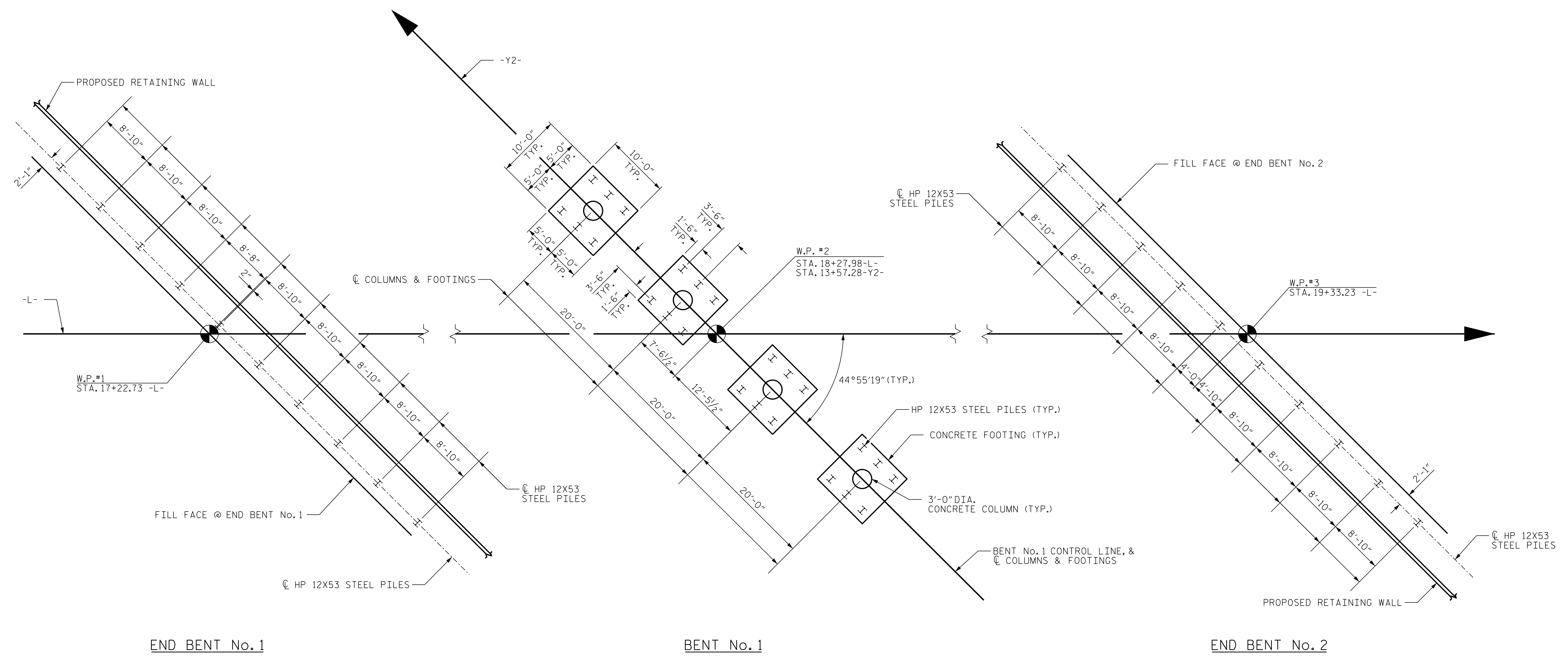


p:\parrish-pw\bentley.com\parrish-pw\Documents\Surface Transportation\NC001 BR\_840010 (BR-0047)\Project Design\Structures\DRAWINGS\FINAL\400.005.BR0047\_SMJ\_FL\_002\_084010 4/8/2020 12:54:25 PM



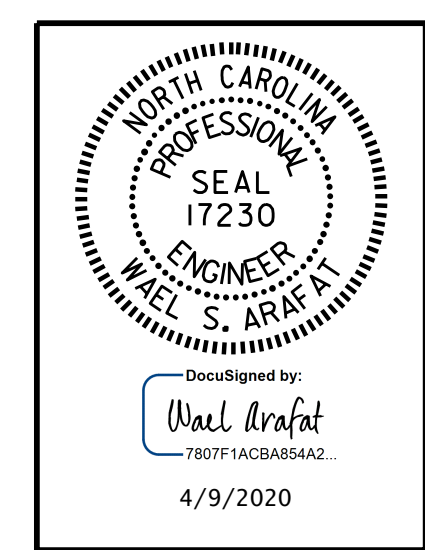
NOTE:  
 DEPENDING ON LOCATION, EXISTING FOOTINGS AND PILES LOCATED AT AND IN CONFLICT WITH PROPOSED BENT 1 FOOTINGS SHALL BE PARTIALLY OR FULLY REMOVED TO AN ELEVATION NO LOWER THAN THE BOTTOM OF THE PROPOSED FOOTINGS. THE COST FOR REMOVAL OF FOOTINGS AND PILES SHALL BE INCLUDED IN THE PAY ITEM FOR "REMOVAL OF EXISTING STRUCTURE". NO ADDITIONAL PAYMENTS SHALL BE MADE.

### FOUNDATION LAYOUT

**NOTES:**

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

DRAWN BY :	G.C. MORRIS	DATE :	06-19
CHECKED BY :	W.S. ARAFAT	DATE :	11-19
DESIGN ENGINEER OF RECORD:	O. PUIGCERVER	DATE :	09-19



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. BR-0047  
STOKES COUNTY  
 STATION: 18+27.98 -L-

SHEET 2 OF 3  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**GENERAL DRAWING**  
 FOR BRIDGE ON SR 1105  
 OVER U.S. 52 (PILOT MOUNTAIN PKWY.)  
 BETWEEN SR 1362  
 AND SR 1112

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS 39
2			4			