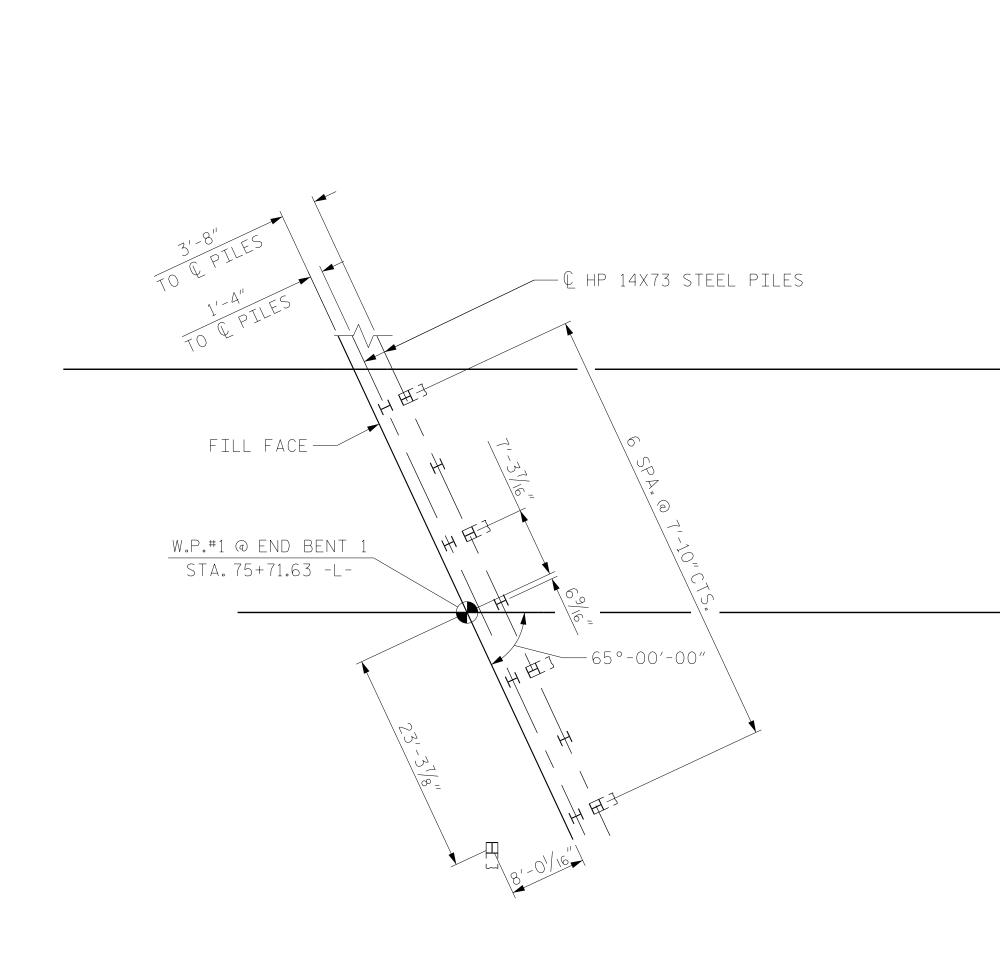
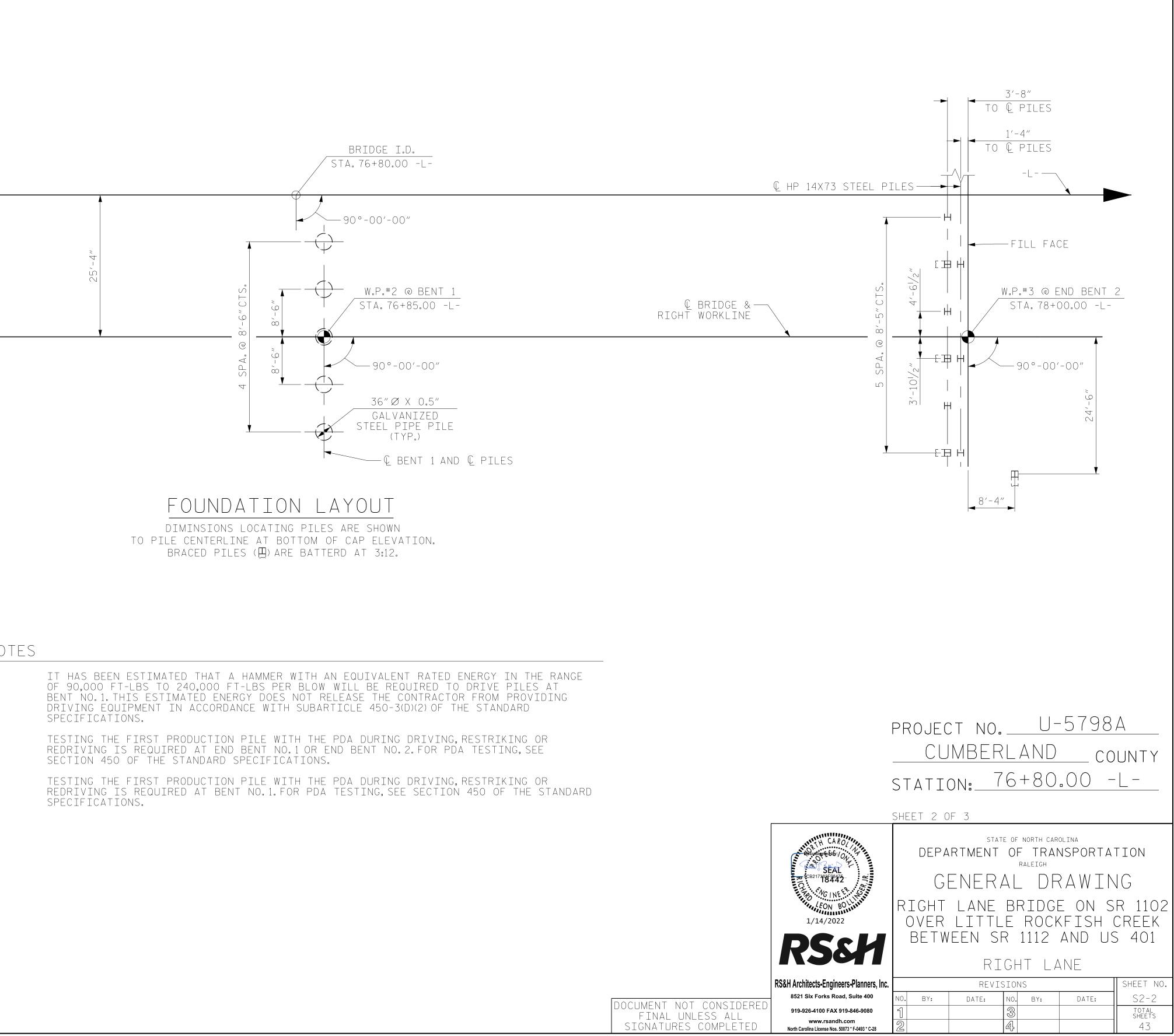
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FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS. PILES AT END BENT NO.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 125 TONS PER PILE. PILES AT END BENT NO.2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 150 TONS PER PILE. PILES AT BENT NO.1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 365 TONS PER PILE. DRIVE PILES AT END BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 170 TONS PER PILE. DRIVE PILES AT END BENT NO.2 TO A REQUIRED DRIVING RESISTANCE OF 200 TONS PER PILE. DRIVE PILES AT BENT NO.1 TO A REQUIRED DRIVING RESISTANCE OF 490 TONS PER PILE. THIS REQUIRED DRIVING RESISTANCE INCLUDES ADDITIONAL RESISTANCE FOR SCOUR. INSTALL PILES AT BENT NO.1 TO A TIP ELEVATION NO HIGHER THAN 117.0 FT. THE SCOUR CRITICAL ELEVATION FOR BENT NO.1 IS ELEVATION 141.0 FT. SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.

DRAWN BY :	NSC		DATE :	03/2020
CHECKED BY :	МКО		DATE :	04/2021
DESIGN ENGINEER	OF RECORD:	RLB	DATE :	09/2021



NOTES