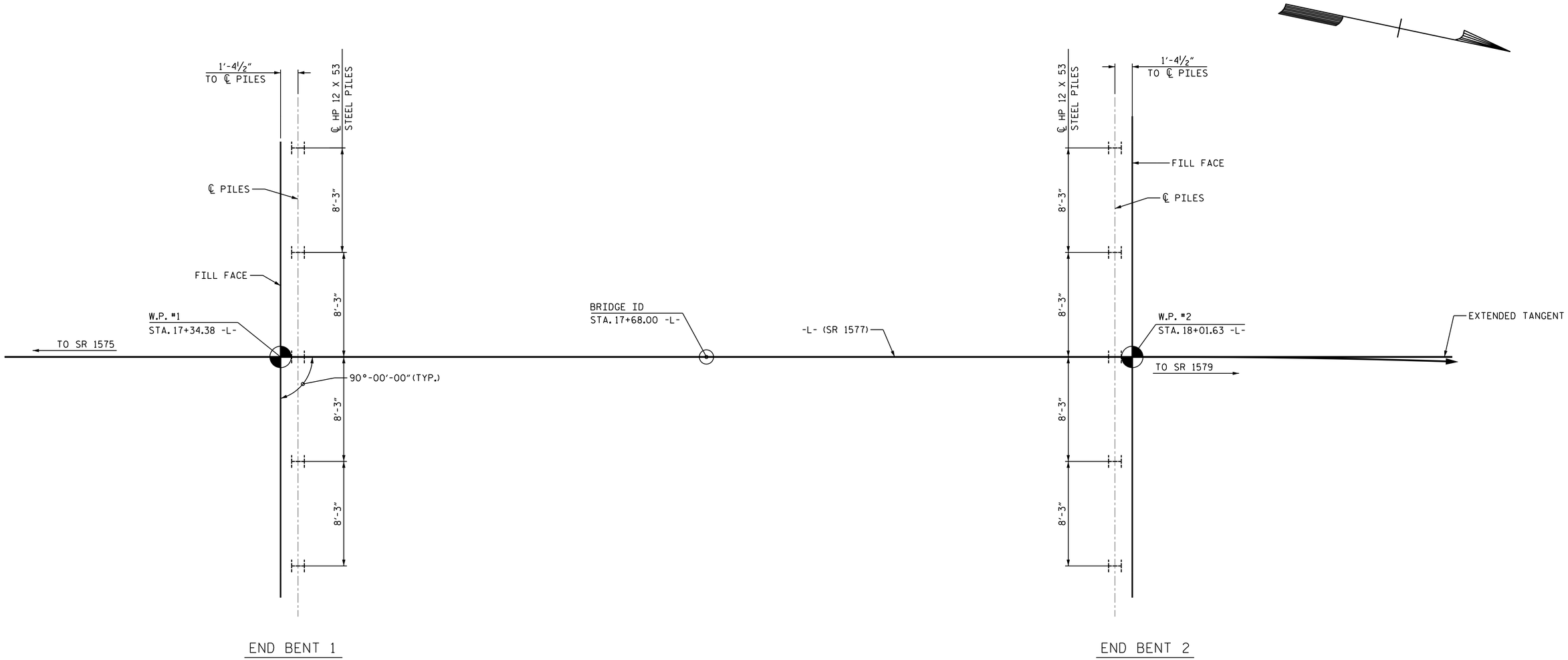
DocuSign Envelope ID: DF85830D-6EB1-4FEF-A45C-C29E6479A883



FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES ARE TO CENTERLINE

NOTES

FOR PILES, SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.
PILES AT END BENT NO. 1 ARE DESIGNED FOR A FACTORED RESISTANCE OF 94 TONS PER PILE.
DRIVE PILES AT END BENT NO. 1 TO A REQUIRED DRIVING RESISTANCE OF 157 TONS PER PILE.
PILES AT END BENT NO. 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 94 TONS PER PILE.
DRIVE PILES AT END BENT NO. 2 TO A REQUIRED DRIVING RESISTANCE OF 157 TONS PER PILE.

PROJECT NO. BR-0107
IREDELL COUNTY
STATION: 17+68.00 -L-

SHEET 2 of 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE 131 ON SR 1577
OVER UT TO SNOW CREEK
BETWEEN SR 1575 AND SR 1579

DocuSigned by: Lisa M. Samples
5683D09A9B449C...
5/19/2021

NORTH CAROLINA PROFESSIONAL SEAL 037031 ENGINEER LISA M SAMPLES

ms consultants, inc.
5444 Wake Park Blvd.
Suite 160
Raleigh, NC 27607
NC License Number : C-3239

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.	S-02
1			3			TOTAL SHEETS	14
2			4				

DRAWN BY :	J.M. KEPICH	DATE :	11/19
CHECKED BY :	L.M. SAMPLES	DATE :	03/20
DESIGN ENGINEER OF RECORD :	L.M. SAMPLES	DATE :	03/20

$$$$$$$$SYSTIME$$$$$$
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$$$$USERNAME$$$$