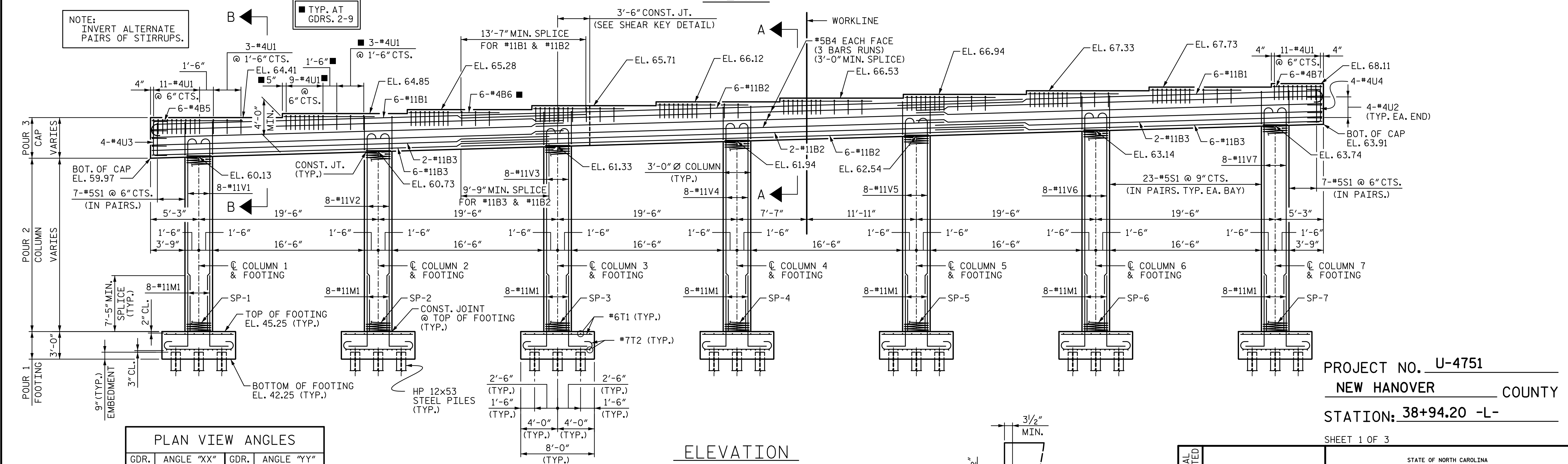


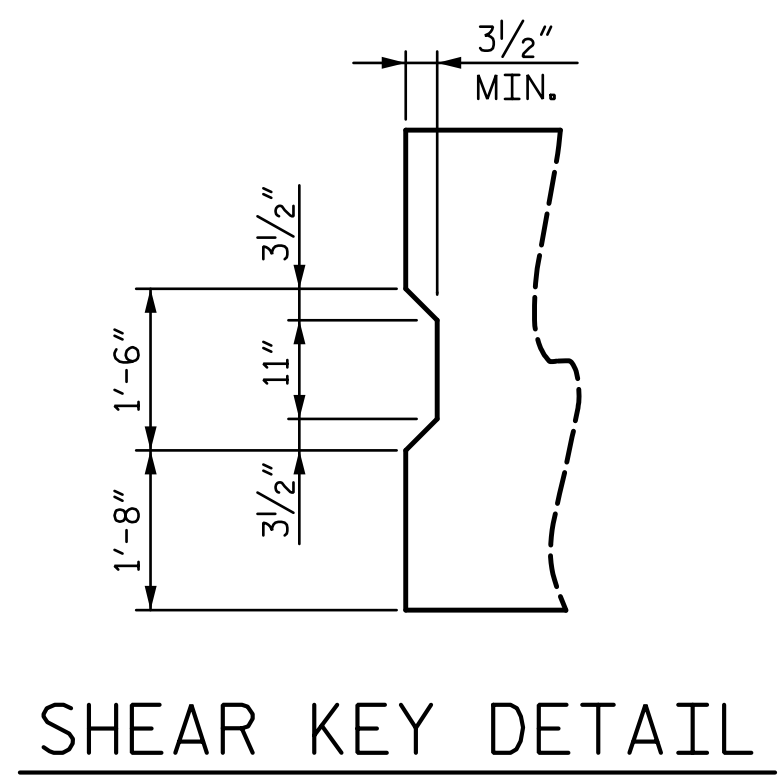
PLAN



ELEVATION

PLAN VIEW ANGLES			
GDR.	ANGLE "XX"	GDR.	ANGLE "YY"
A1	50°-11'-18"	B1	52°-57'-17"
A2	50°-26'-36"	B2	53°-11'-09"
A3	50°-41'-40"	B3	53°-24'-48"
A4	50°-56'-32"	B4	53°-38'-17"
A5	51°-11'-11"	B5	53°-51'-35"
A6	51°-25'-38"	B6	54°-04'-43"
A7	51°-39'-53"	B7	54°-17'-40"
A8	51°-53'-56"	B8	54°-30'-27"
A9	52°-07'-48"	B9	54°-43'-04"
A10	52°-21'-29"	B10	54°-55'-31"

**NOTES:**  
 STIRRUPS AND "U BARS" IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.  
 HOOKS ON BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.  
 PILE SPLICE SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AWS D1.1.  
 SEE SHEET 2 OF 3 FOR SECTIONS CALLED OUT ON ELEVATION VIEW AND DETAIL A.



SHEAR KEY DETAIL

PROJECT NO. U-4751  
 NEW HANOVER COUNTY  
 STATION: 38+94.20 -L-  
 SHEET 1 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE  
 BENT 1**

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.  
 S1-27

TOTAL SHEETS  
 36

DRAWN BY: VMW DATE: 4-17 DESIGN ENGINEER OF RECORD: V. WU DATE: 5-17  
 CHECKED BY: TJT DATE: 4-17

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