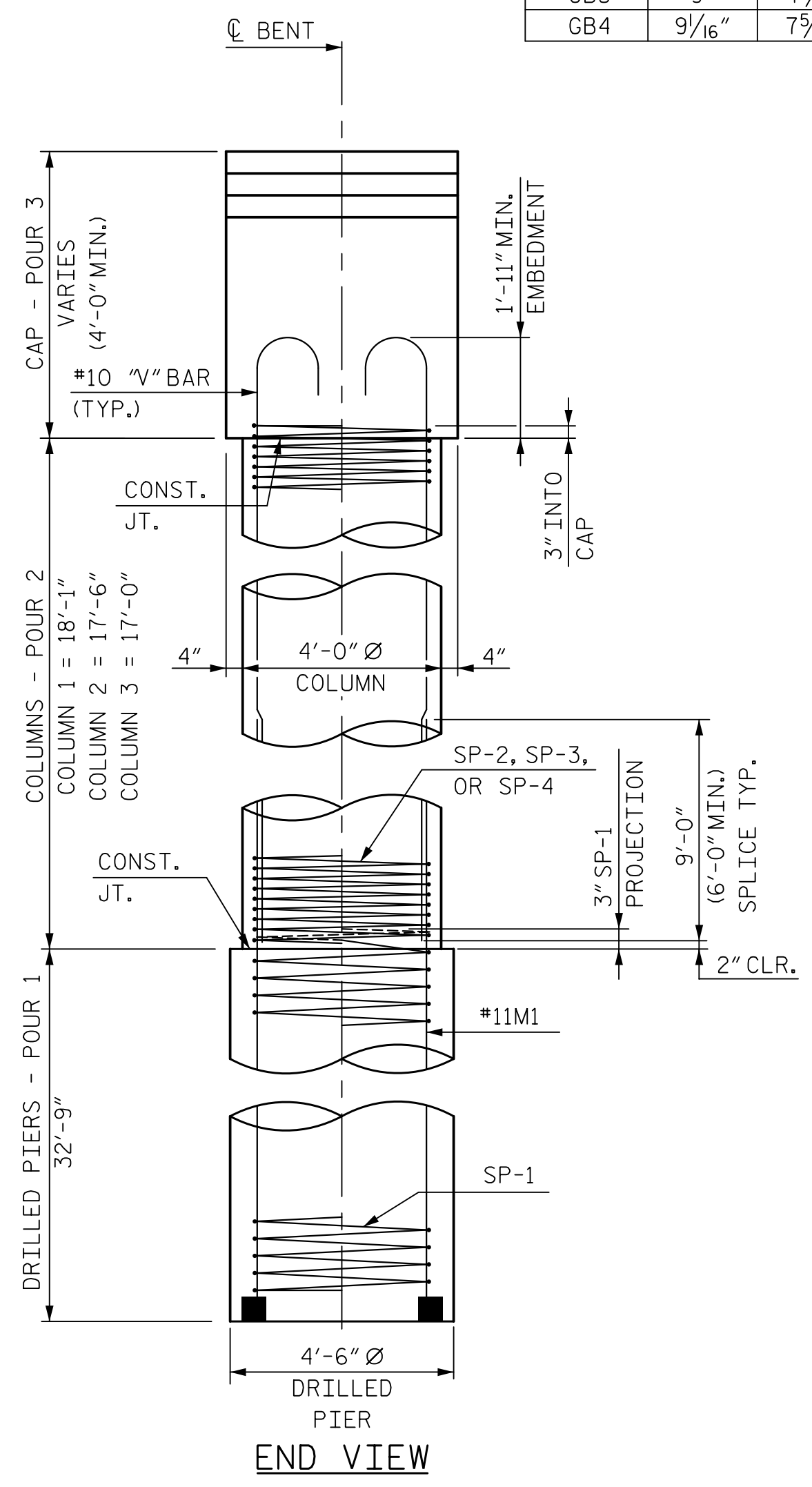
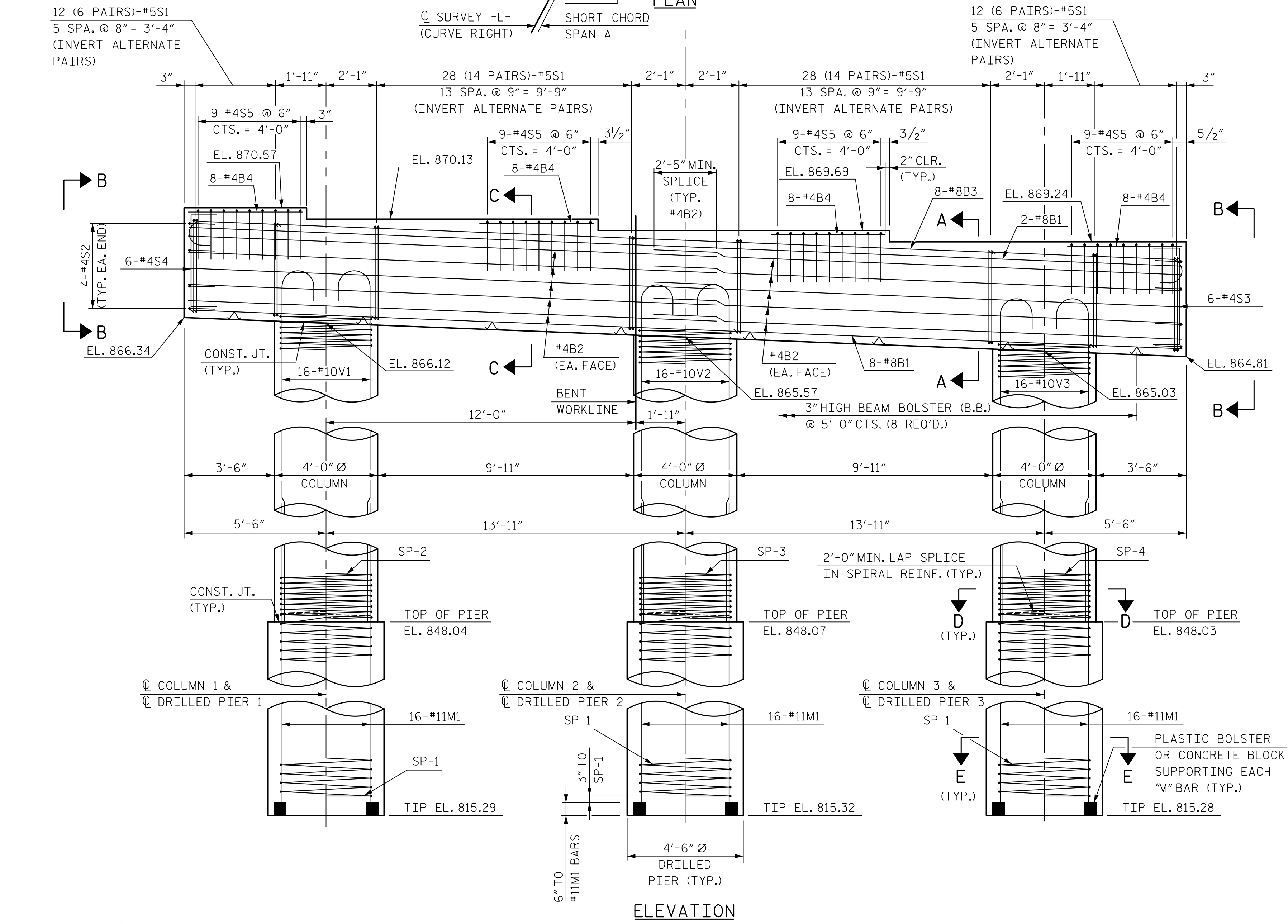


**NOTES:**  
 STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.  
 HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.  
 ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL".

GIRDER	"A"	"B"	"C"	"D"	"E"	ANGLE "F"
GA1	7 3/4"	6 1/4"	1'-2"	1'-2 5/16"	7 3/16"	63°-24'-16"
GA2	7 13/16"	6 5/16"	1'-2"	1'-2 5/16"	7 3/16"	63°-12'-53"
GA3	7 7/8"	6 3/8"	1'-2"	1'-2 1/4"	7 1/4"	63°-01'-21"
GA4	7 15/16"	6 1/16"	1'-2 1/16"	1'-2 1/4"	7 5/16"	62°-49'-37"
GB1	8 7/8"	7 1/8"	1'-2 3/8"	1'-1 7/8"	7 5/16"	60°-17'-19"
GB2	8 15/16"	7 3/16"	1'-2 1/16"	1'-1 1/8"	8"	60°-04'-21"
GB3	9"	7 1/4"	1'-2 1/16"	1'-1 13/16"	8 1/16"	59°-51'-11"
GB4	9 1/16"	7 5/16"	1'-2 1/2"	1'-1 13/16"	8 1/16"	59°-37'-48"



DocuSigned by:  
 David W. Hawkins  
 180F1857368741E  
 NORTH CAROLINA PROFESSIONAL SEAL 27812  
 ENGINEER DAVID W. HAWKINS  
 1/29/2016

DocuSigned by:  
 Paul J. Barber  
 180F1857368741E  
 NORTH CAROLINA PROFESSIONAL SEAL 12916  
 ENGINEER PAUL J. BARBER  
 1/29/2016

PROJECT NO. B-4811  
 RUTHERFORD COUNTY  
 STATION: POC 15+25.00 -L-

SHEET 1 OF 2  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 BENT 1

**HNTB** HNTB NORTH CAROLINA, P.C.  
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DRAWN BY M. WRIGHT DATE 11/14  
 CHECKED BY D. RAGAN DATE 2/15 DWG. NO. 31

**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

REVISIONS						SHEET NO. S01-31
NO.	BY	DATE	NO.	BY	DATE	
1			3			TOTAL SHEETS 42
2			4			