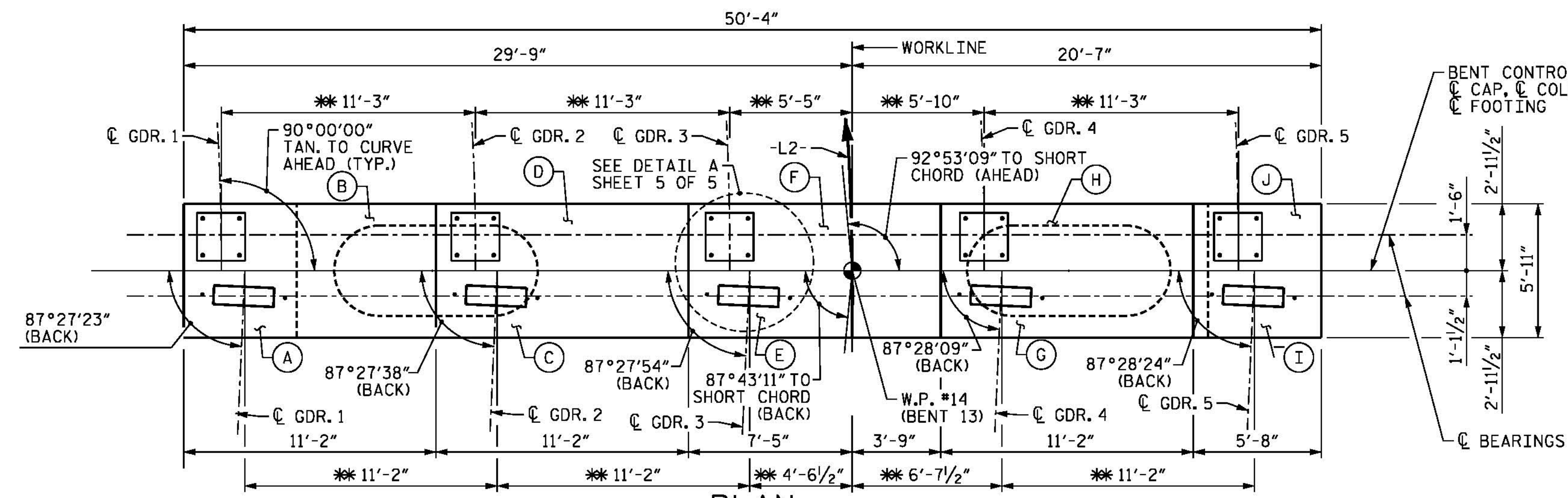
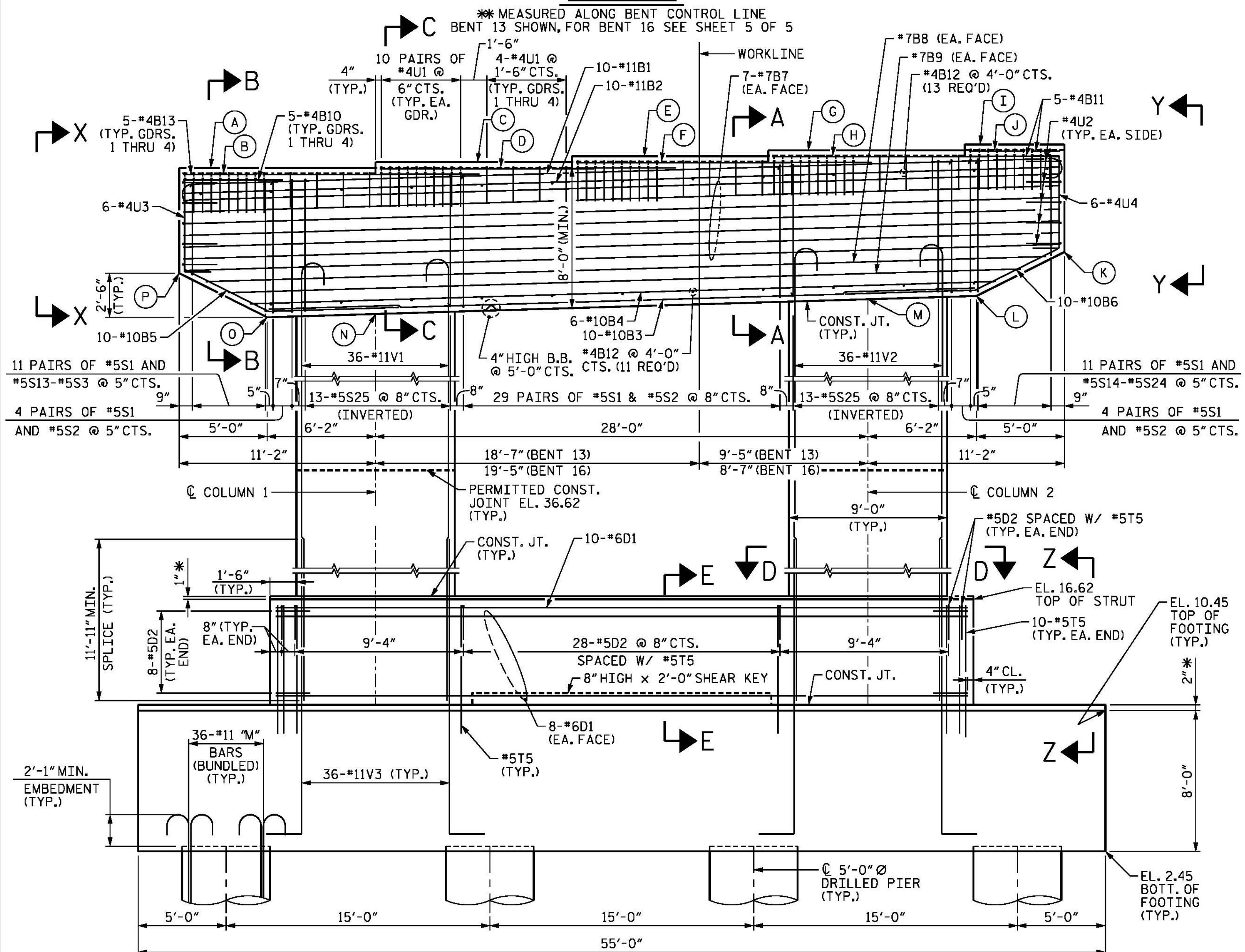


**NOTES**

STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.  
 HOOKS ON "V" AND "M" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.  
 "T" BARS IN FOOTING MAY BE SHIFTED AS NECESSARY TO CLEAR COLUMN AND DRILLED PIER REINFORCEMENT.  
 FOR FOUNDATION NOTES, SEE "FOUNDATION NOTES" SHEET.  
 FOR SECTIONS AND VIEWS, SEE SHEET 2 OF 5 AND SHEET 3 OF 5.  
 FOR FOOTING AND DRILLED PIER REINFORCING DETAILS, SEE SHEET 3 OF 5 AND SHEET 4 OF 5.  
 \* THE FOOTING AND STRUT ARE SLOPED TO DRAIN.  
 ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "EPOXY COATED REINFORCING STEEL" AND "EPOXY COATED SPIRAL COLUMN REINFORCING STEEL".  
 THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR THE DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.  
 NO SEPARATE PAYMENT SHALL BE MADE FOR ANY ADDITIONAL STEEL REQUIRED IN CONSTRUCTION OF THE DRILLED PIER AS THIS IS CONSIDERED INCIDENTAL TO THE LINEAR FOOT PRICE FOR DRILLED PIER.  
 FOR MASS CONCRETE, SEE SPECIAL PROVISIONS.  
 THE TOP SURFACE AREAS OF THE BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE COMPOUND METHOD SHALL NOT BE USED.



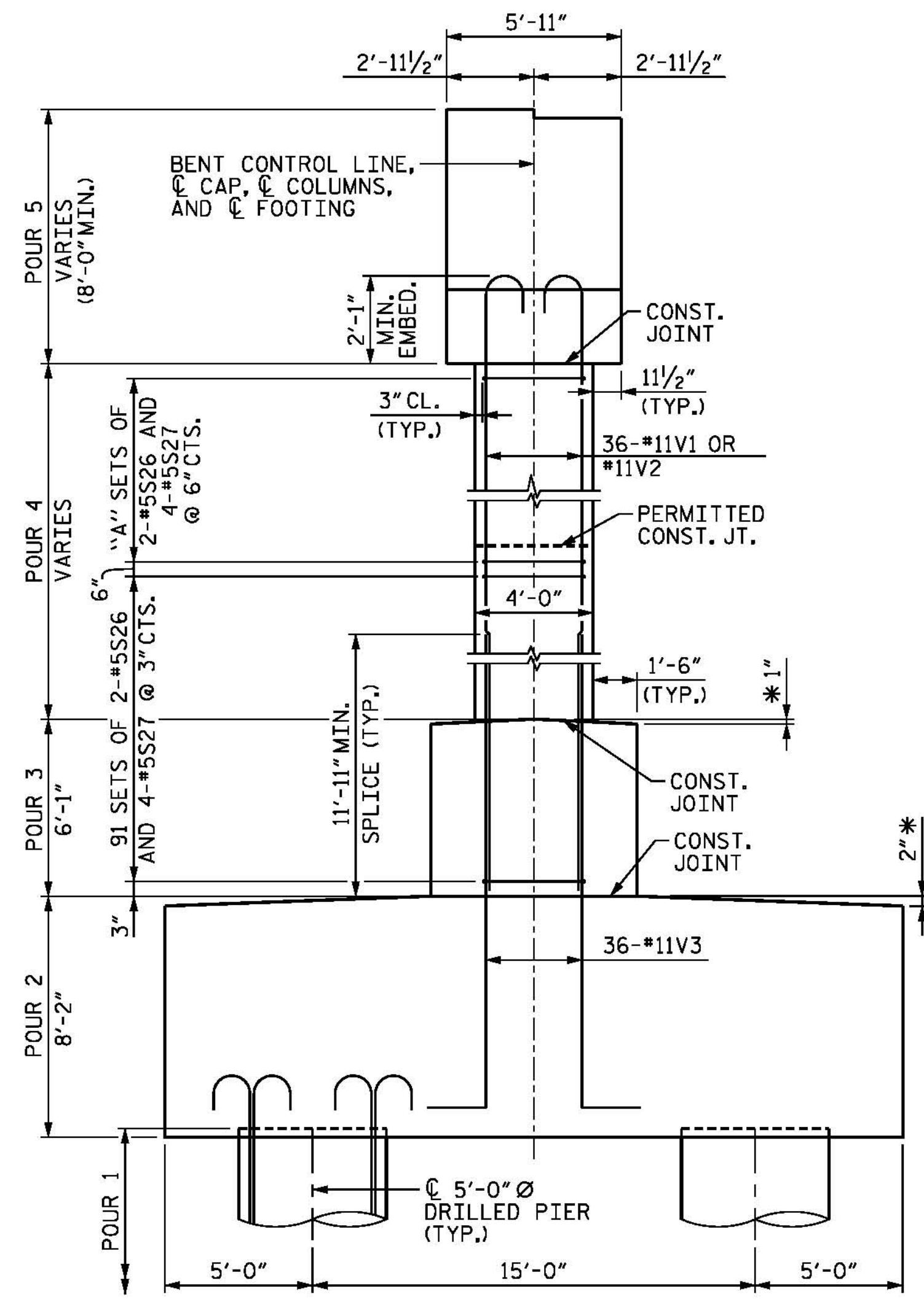
**PLAN**



**ELEVATION**

FOOTING REINFORCEMENT NOT SHOWN FOR CLARITY, SEE SHEET 3 OF 5.

		ELEVATION TABLE															
BENT		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
13		62.51	62.15	62.85	62.49	63.18	62.83	63.51	63.16	63.85	63.50	57.68	55.18	54.99	54.15	53.97	56.47
16		65.88	65.76	66.22	66.10	66.55	66.44	66.89	66.78	67.23	67.11	61.29	58.79	58.60	57.76	57.57	60.07

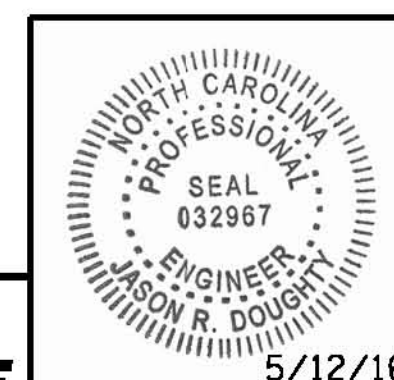


**END VIEW**

BAR QUANTITY "A"	
BENT 13 COLUMN 1	41
BENT 13 COLUMN 2	42
BENT 16 COLUMN 1	48
BENT 16 COLUMN 2	50

PROJECT NO. B-4929  
 PENDER COUNTY  
 STATION: 38+13.81 -L2-  
 SHEET 1 OF 5 STEEL ALTERNATE

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
**BENTS 13 AND 16**  
**PLAN AND ELEVATION**



**PARSONS BRINCKERHOFF**  
 434 FAYETTEVILLE STREET  
 SUITE 1500  
 RALEIGH, NC 27601  
 LICENSE NO. F-0165

DocuSigned by:  
 Jason R. Doughty  
 00F1C8648274F7...

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-259
2			4			

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

5/12/2016 401\_095\_B4929\_SMU\_IB13\_1.s.dgn

DESIGNED BY: E. ULLMER DATE: MAR 2016  
 DRAWN BY: M. HOBBS DATE: MAR 2016  
 CHECKED BY: B. LOFLIN DATE: APR 2016  
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016