

**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.

\* FOOTING AND STRUT ARE SLOPED TO DRAIN.

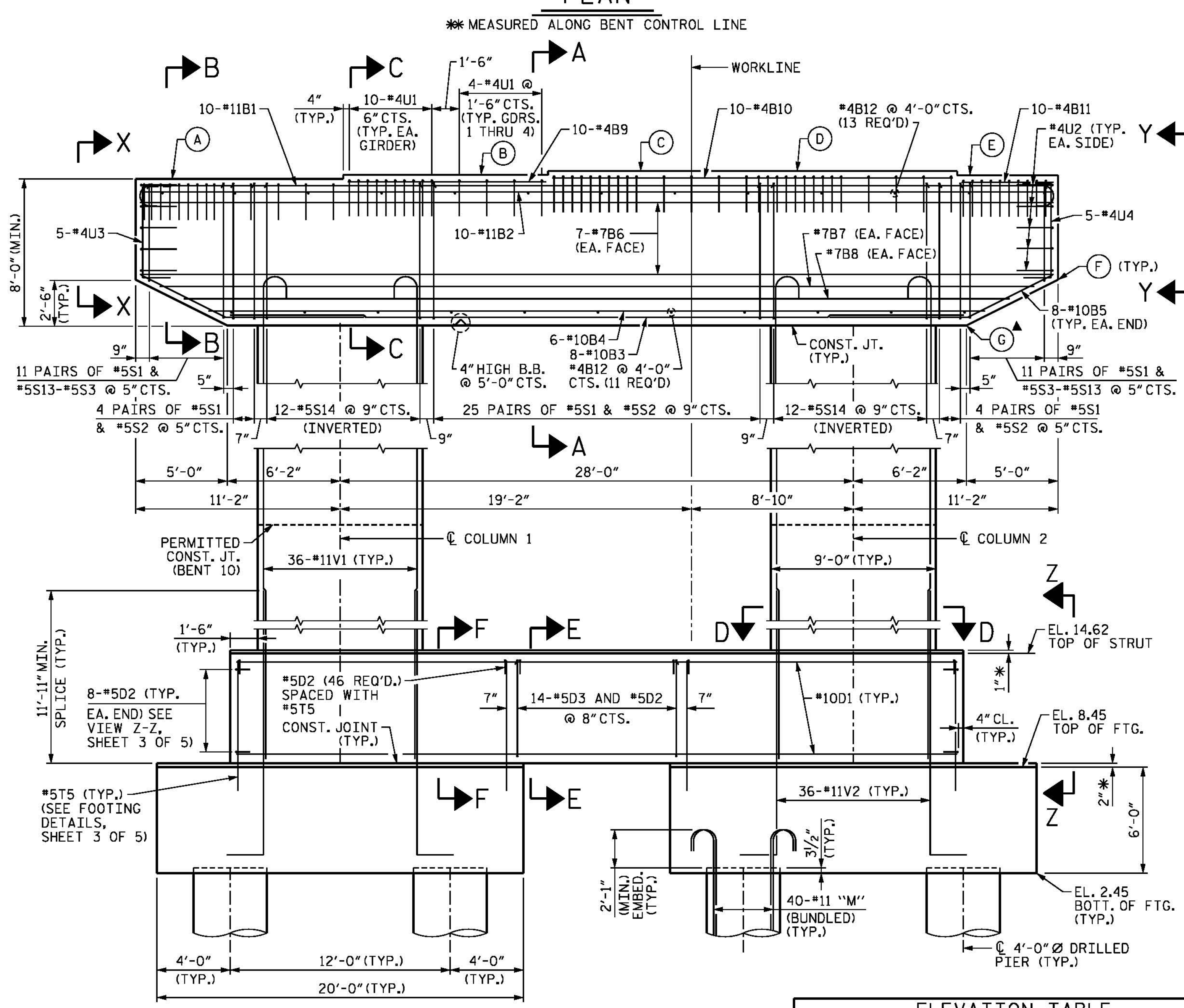
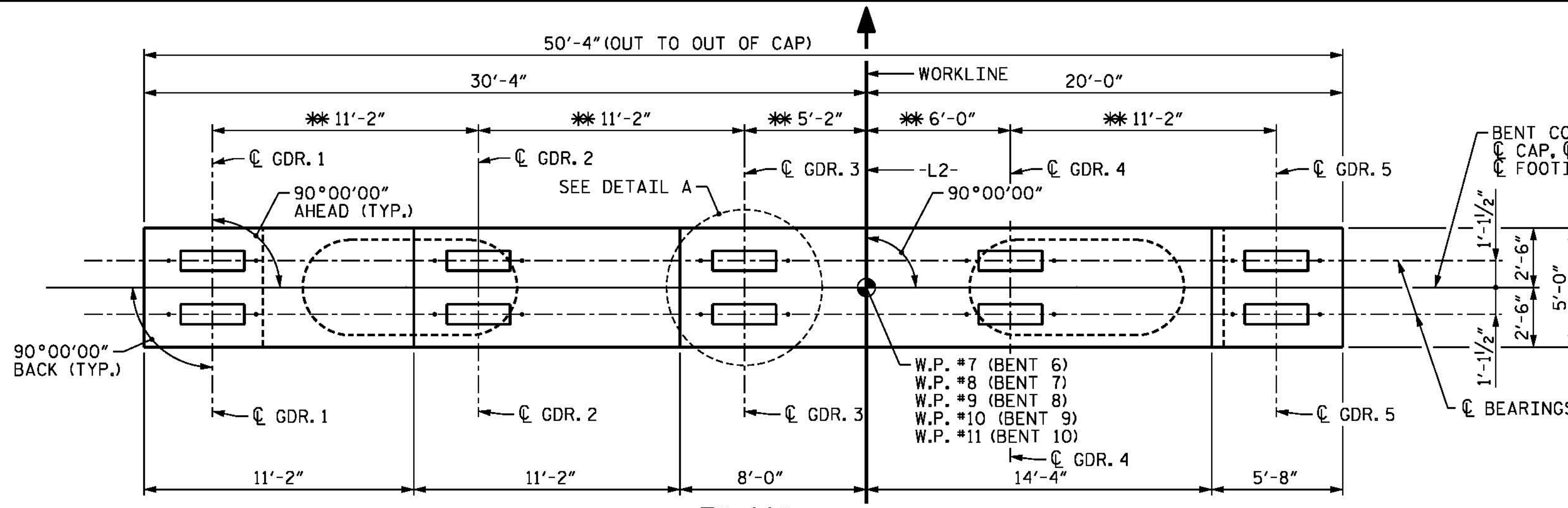
ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "EPOXY COATED REINFORCING STEEL" AND "EPOXY COATED SPIRAL COLUMN REINFORCING STEEL".

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR THE DRILLED PIERS ARE DETAILED WITH 3 FEET OF EXTRA LENGTH.

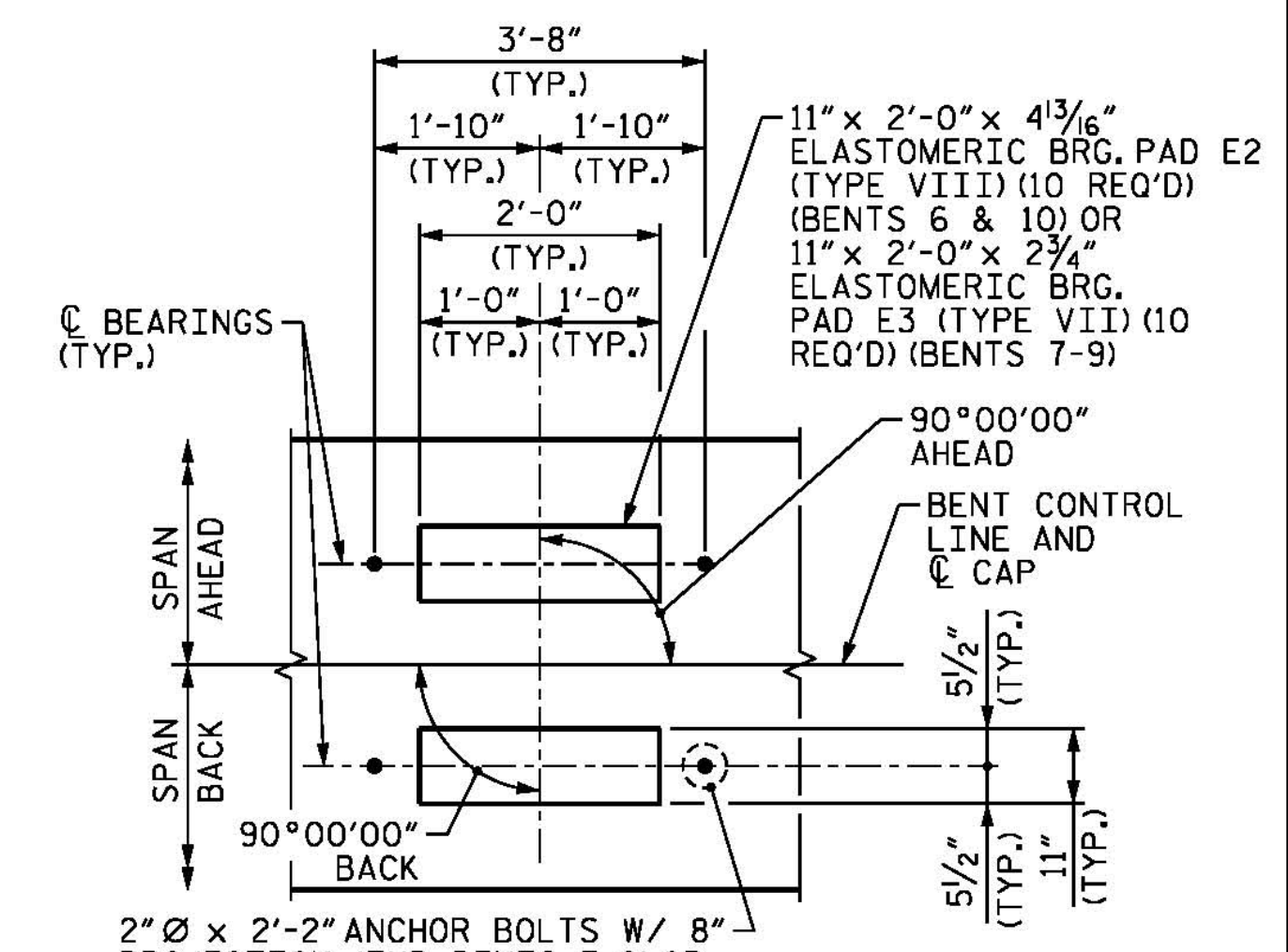
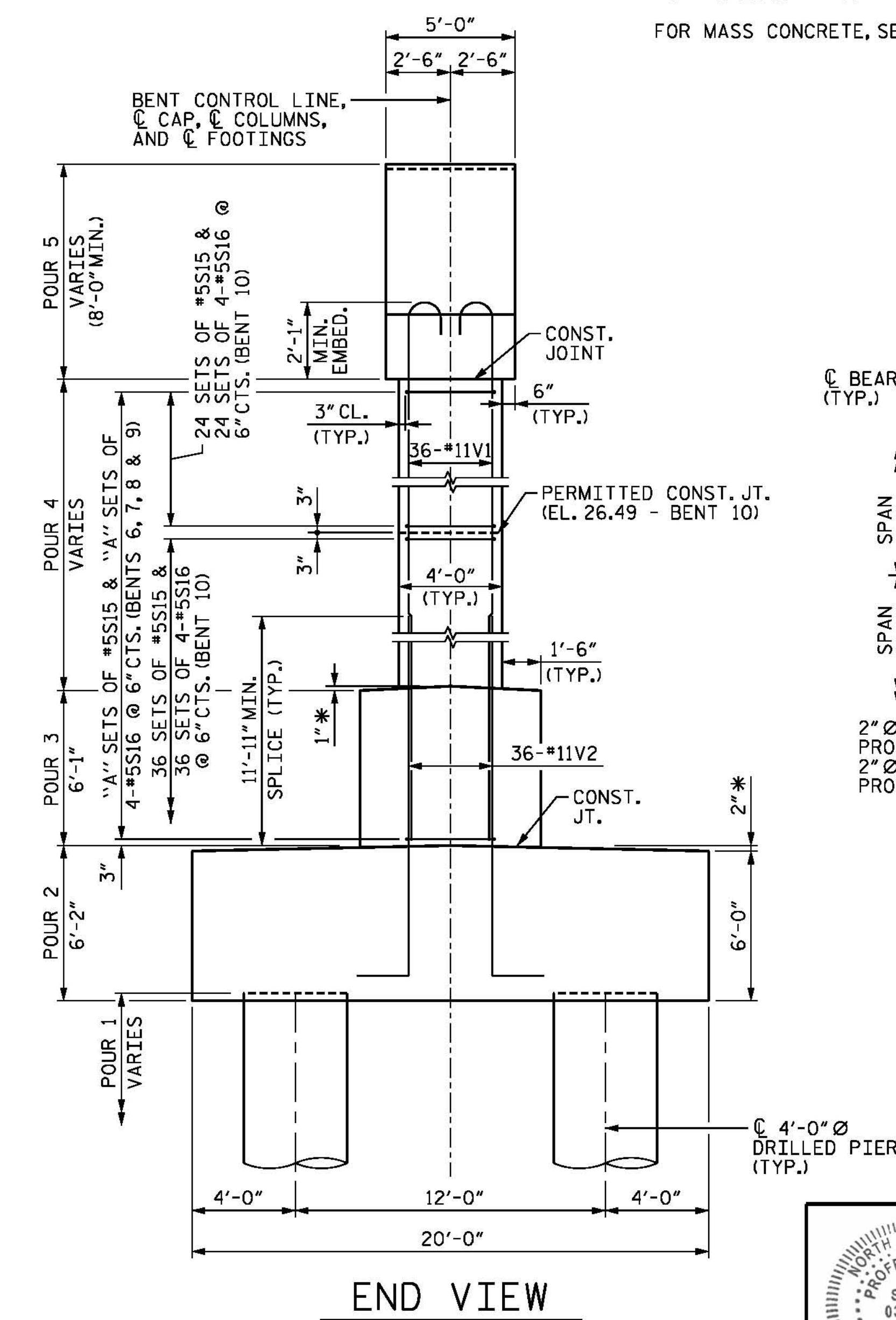
NO SEPARATE PAYMENT SHALL BE MADE FOR ANY ADDITIONAL STEEL REQUIRED IN CONSTRUCTION OF THE DRILLED PIER AS THIS IS CONSIDERED INCIDENTAL TO THE LINEAR FOOT PRICE FOR DRILLED PIER.

FOR MASS CONCRETE, SEE SPECIAL PROVISIONS.

BAR QUANTITY	
LOCATION	QUANTITY "A"
BENT 6 COLUMN 1	27
BENT 6 COLUMN 2	27
BENT 7 COLUMN 1	34
BENT 7 COLUMN 2	34
BENT 8 COLUMN 1	42
BENT 8 COLUMN 2	42
BENT 9 COLUMN 1	49
BENT 9 COLUMN 2	49

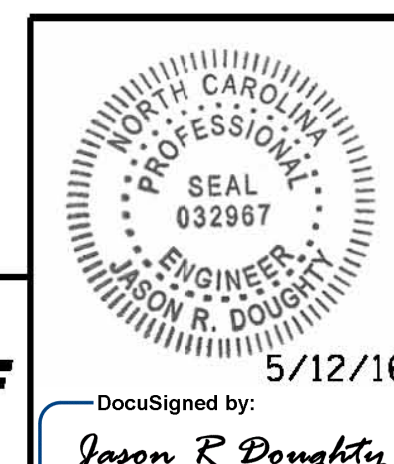


BENT	ELEVATION TABLE						
	A	B	C	D	E	F	G
6	29.72	29.94	30.15	30.15	29.92	24.22	21.72
7	33.57	33.80	34.00	34.00	33.78	28.07	25.57
8	37.25	37.47	37.68	37.68	37.46	31.75	29.25
9	40.93	41.15	41.36	41.36	41.14	35.43	32.93
10	46.27	46.50	46.70	46.70	46.48	40.77	38.27



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

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 BENTS 6 THROUGH 10  
 PLAN AND ELEVATION



REVISIONS				SHEET NO.
NO.	BY:	DATE:		S-160
1				TOTAL SHEETS 278
2				

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

DocuSigned by:  
*Jason R. Doughty*  
 00F1C9848274F7...

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

DESIGNED BY: J. BORUTA DATE: MAR 2016  
 DRAWN BY: MAH/KEW DATE: MAR 2016  
 CHECKED BY: J. DOUGHTY DATE: MAR 2016  
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

5/10/2016 400\_313\_B4929\_SMU\_IB6\_1.dgn