

NOTES

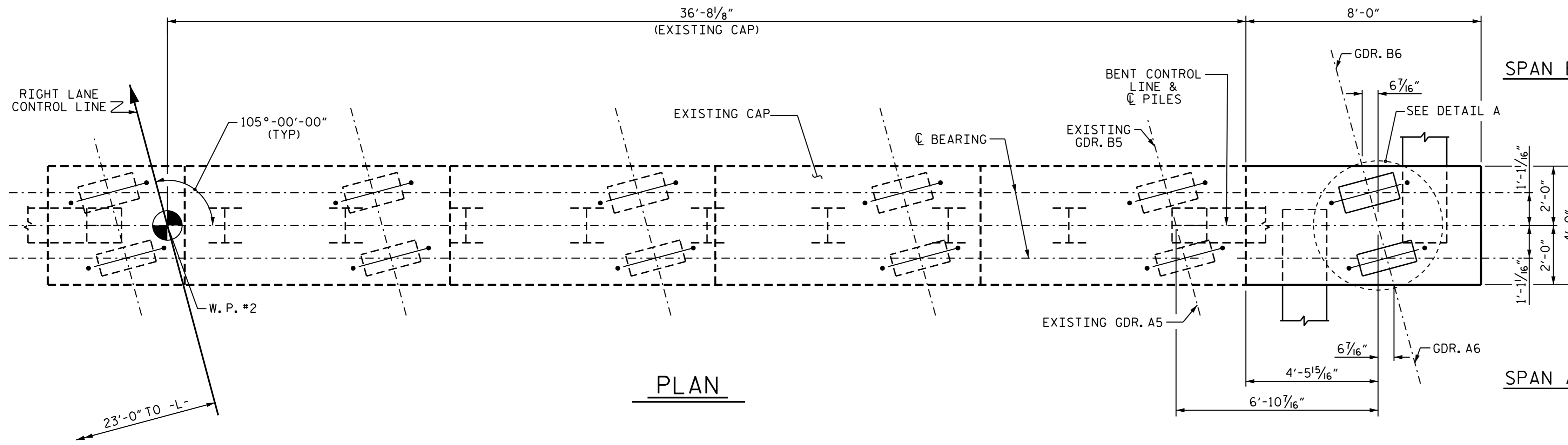
STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

FOR ADDITIONAL REINFORCING STEEL IN PP 18 x 0.50 GALVANIZED STEEL PILES, SEE "18 IN. STEEL PIPE PILE" SHEET.

GALVANIZE THE TOP OF EACH INTERIOR BENT PILE A MINIMUM OF 37.5 FEET. GALVANIZE IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS.

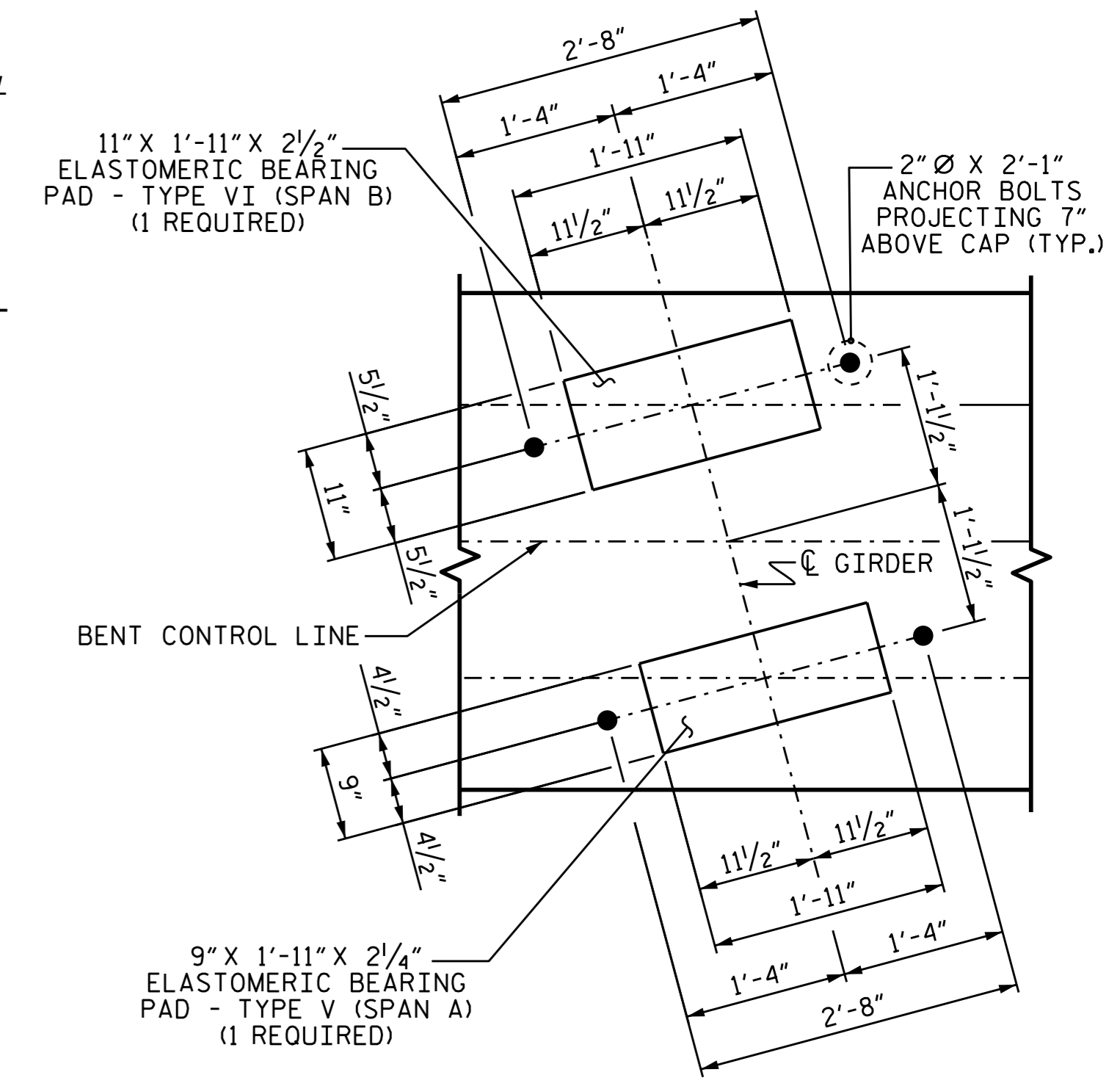
DOWELS SHALL BE PLACED IN THE SAME HORIZONTAL PLANE AS THE MAIN STEEL.

▲ DOWELS SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM. EMBEDMENT LENGTH SHALL BE DETERMINED BY THE SELECTED MANUFACTURER. LEVEL 1 FIELD TESTING IS REQUIRED AND THE YIELD LOAD IS 26.4 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.

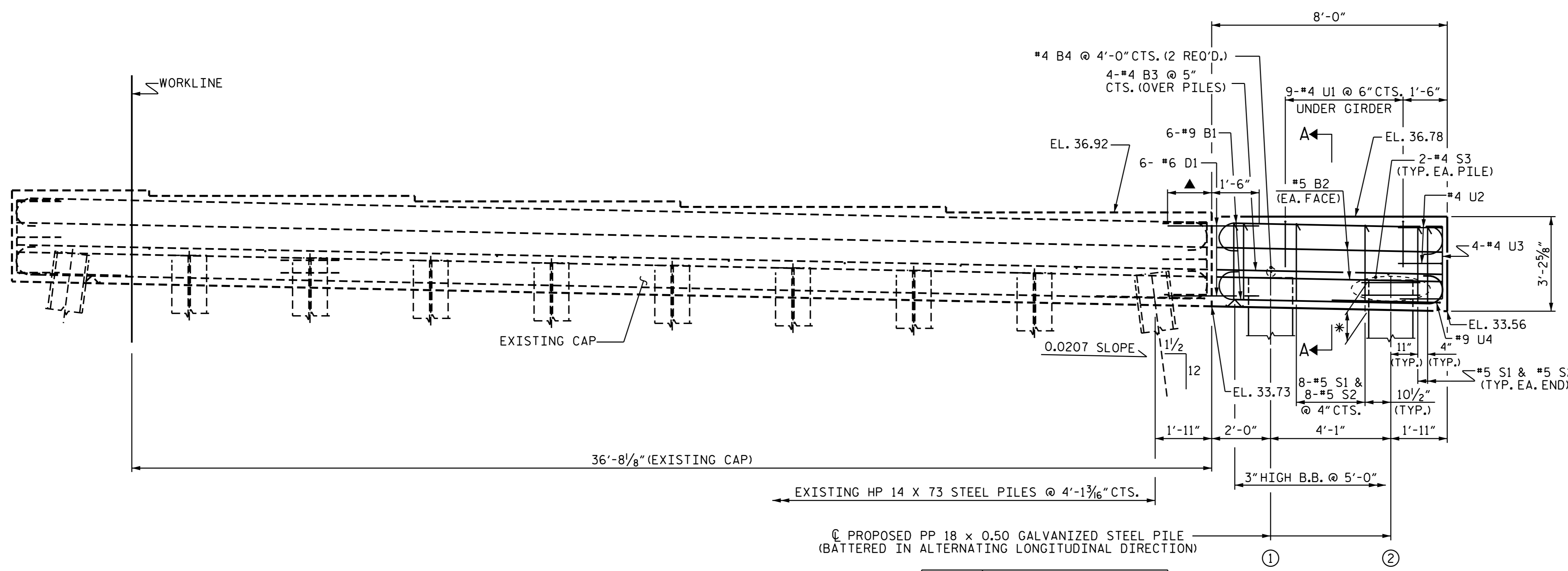


SPAN B

SPAN A



DETAIL A



ELEVATION

PILE #	TOP OF PILE ELEVATION
1	EL. 34.70
2	EL. 34.62

* 1'-0" MIN. PILE EMBEDMENT (TYP.)

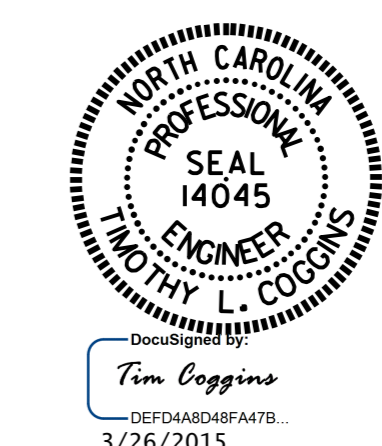
PROJECT NO. R-2514D
 JONES & CRAVEN COUNTY
 STATION: 625+23.28 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 BENT #1

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S18-027	
1			3			TOTAL SHEETS	39
2			4				



DRAWN BY: K. P. SEDAI DATE: 10/1/14
 CHECKED BY: B. N. BARODAWALA DATE: 12/18/14
 DESIGN ENGINEER OF RECORD: K. P. SEDAI DATE: