

NOTES

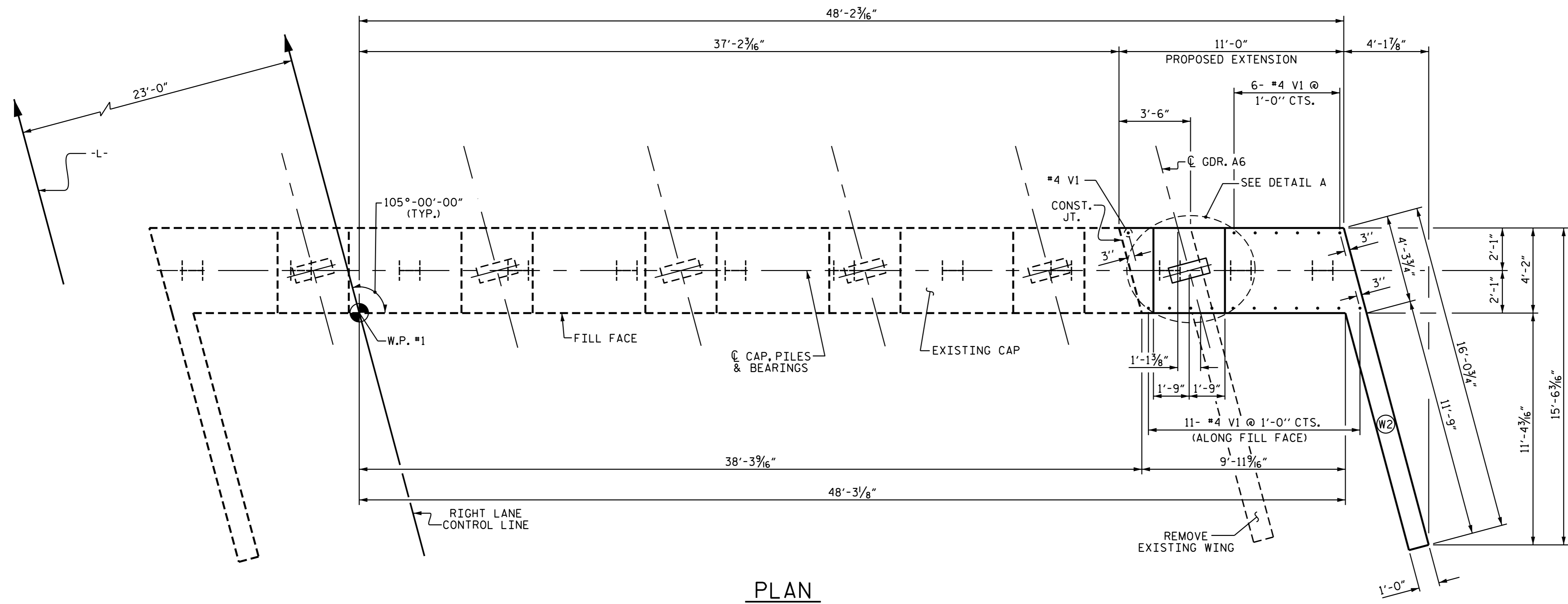
SEE SUPERSTRUCTURE SHEETS FOR UPPER PART OF INTEGRAL END BENT DETAILS.

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

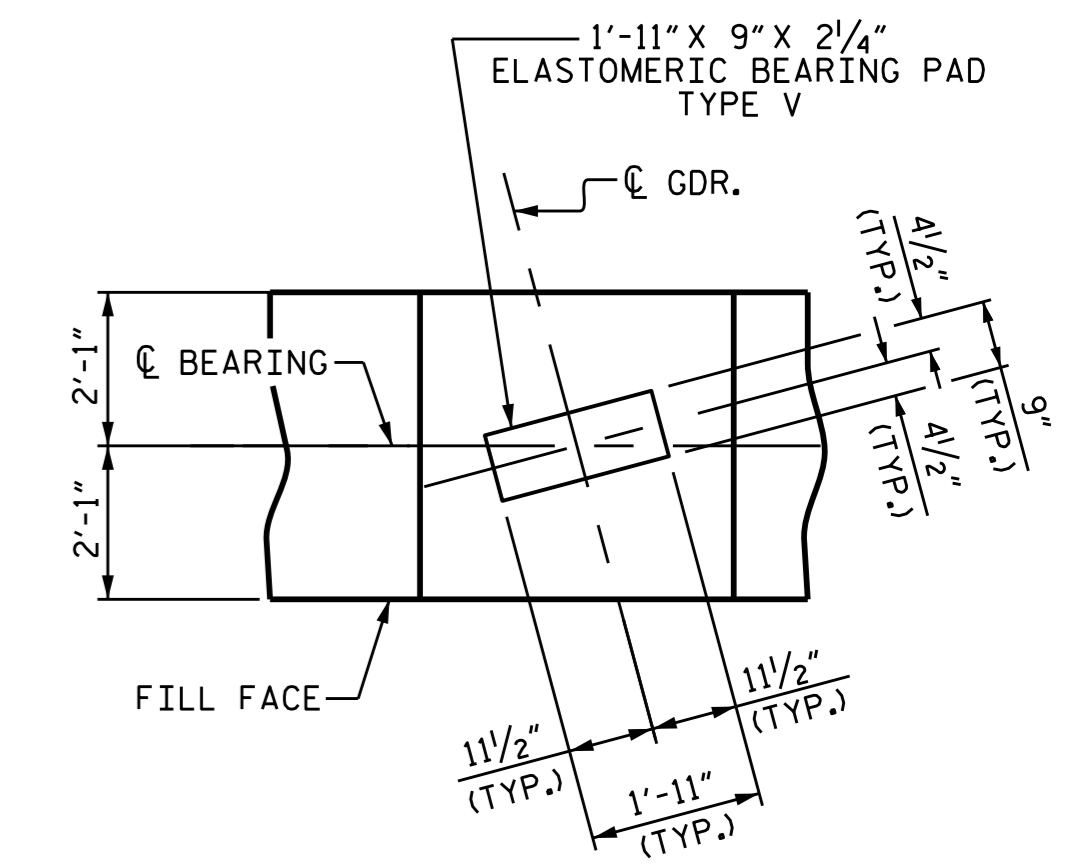
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE UPPER PART OF THE END BENT WINGS ARE TO BE POURED WITH POUR #4 OF THE SUPERSTRUCTURE.

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

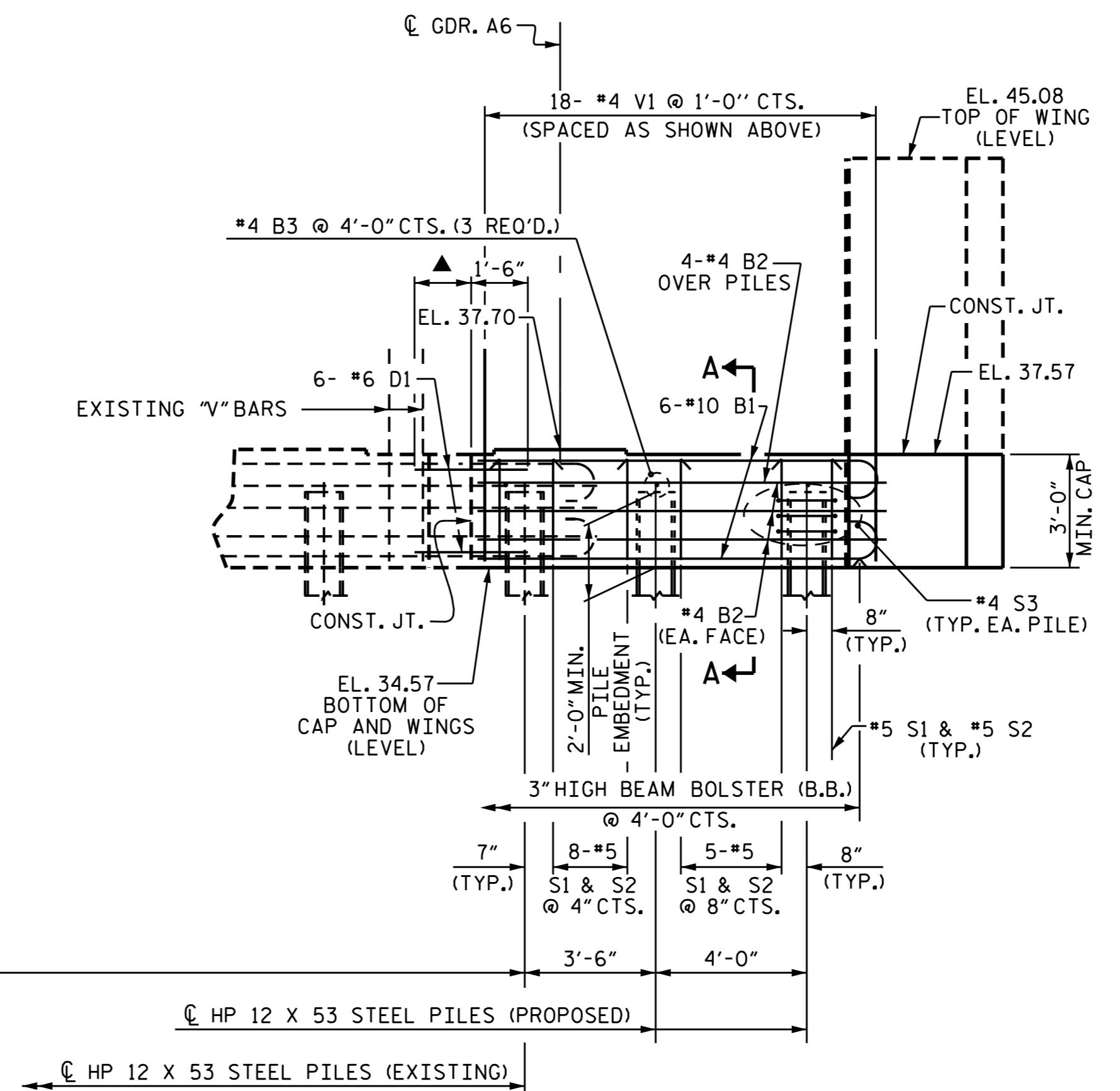
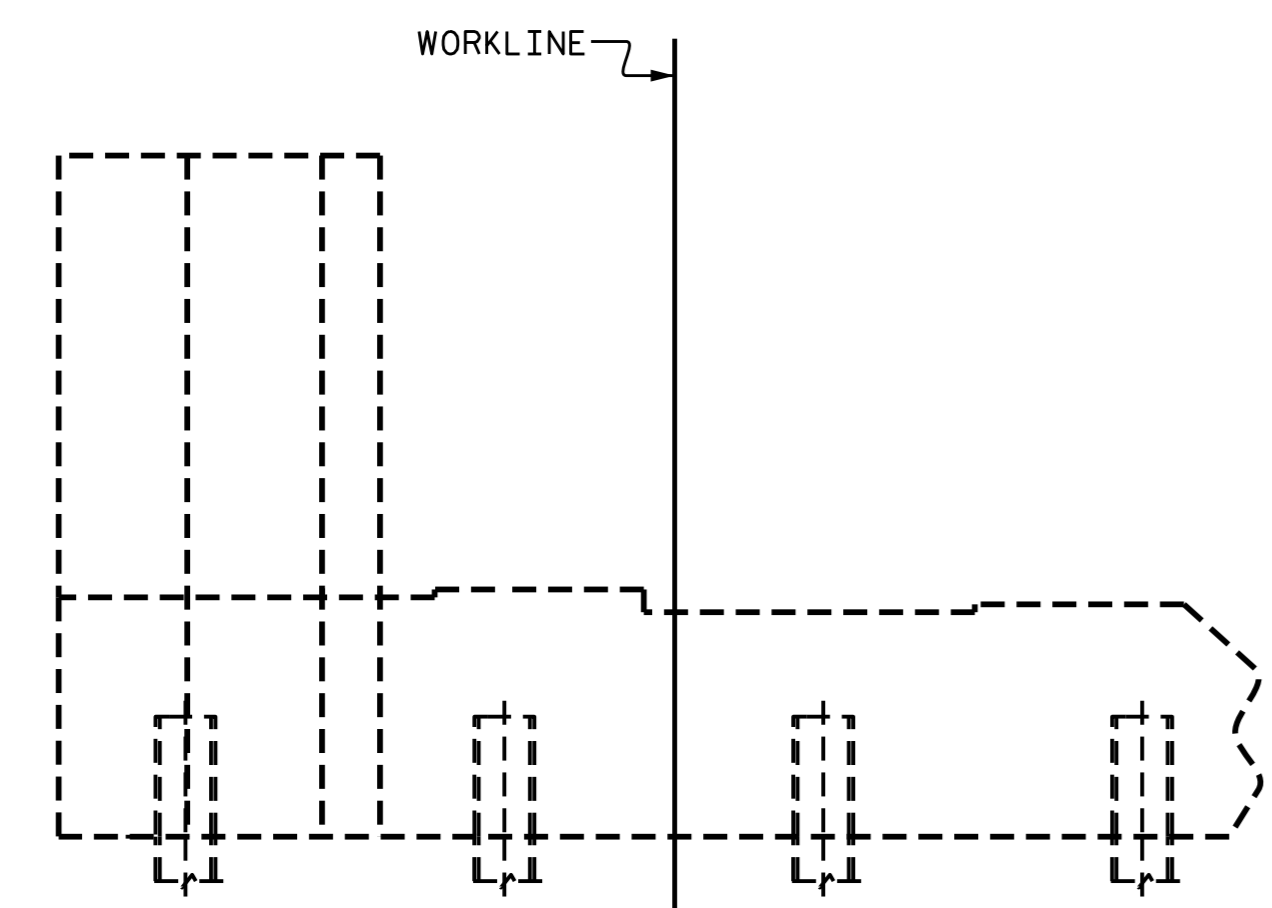
▲ DOWELS SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM. EMBEDMENT LENGTH SHALL BE DETERMINED BY THE SELECTED MANUFACTURER. LEVEL 1 FIELD TESTING IS REQUIRED AND THE YIELD LOAD IS 26.4 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.



PLAN



DETAIL A

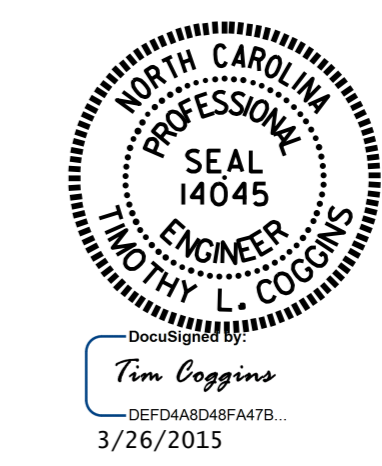


ELEVATION

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

SHEET 2 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE INTEGRAL END BENT 1					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					SHEET NO. S18-024
					TOTAL SHEETS 39



DRAWN BY: K. P. SEDAI DATE: 9/19/14
 CHECKED BY: B. N. BARODAWALA DATE: 12/19/14
 DESIGN ENGINEER OF RECORD: K. P. SEDAI DATE: _____