NOTES :

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR DOWELS.

HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

FOR DRILLED PIERS, SEE SPECIAL PROVISIONS.

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

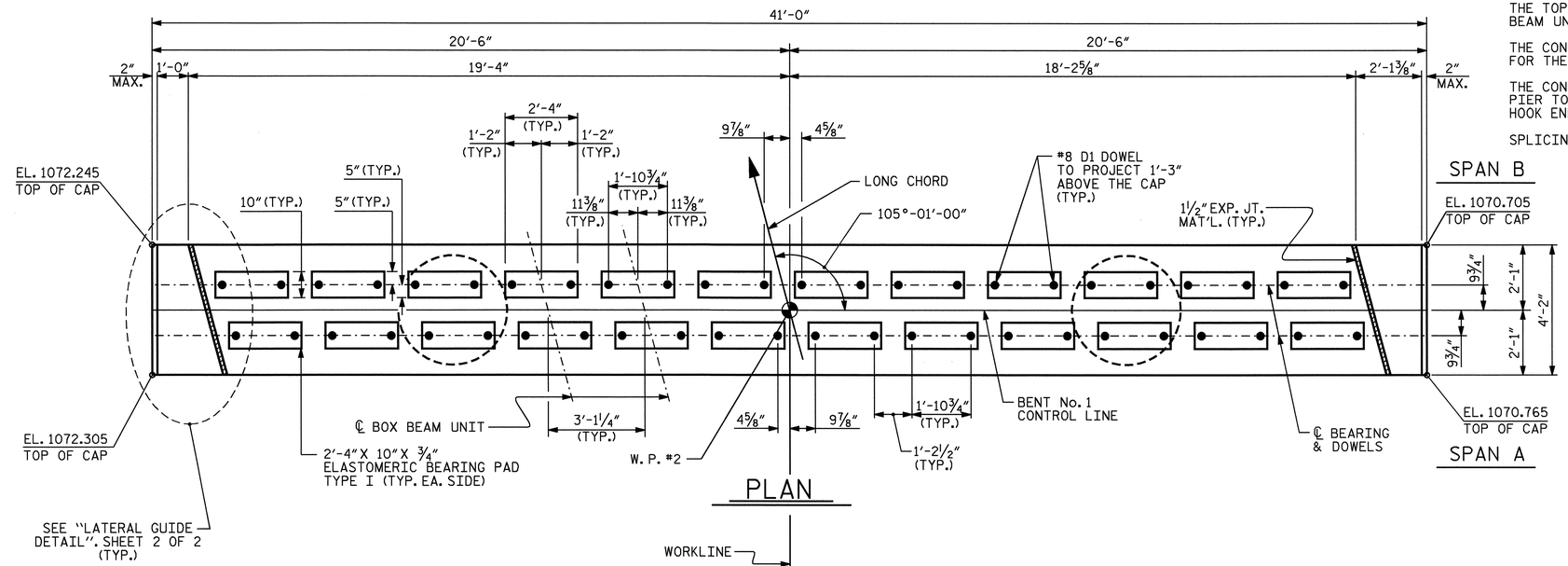
THE LATERAL GUIDES ARE NOT TO BE POURED UNTIL AFTER THE BOX BEAM UNITS ARE IN PLACE.

THE TOP SURFACE OF THE BENT CAP IS SLOPED LONGITUDINALLY ALONG CENTERLINE OF THE BOX BEAM UNIT TO MATCH GRADE.

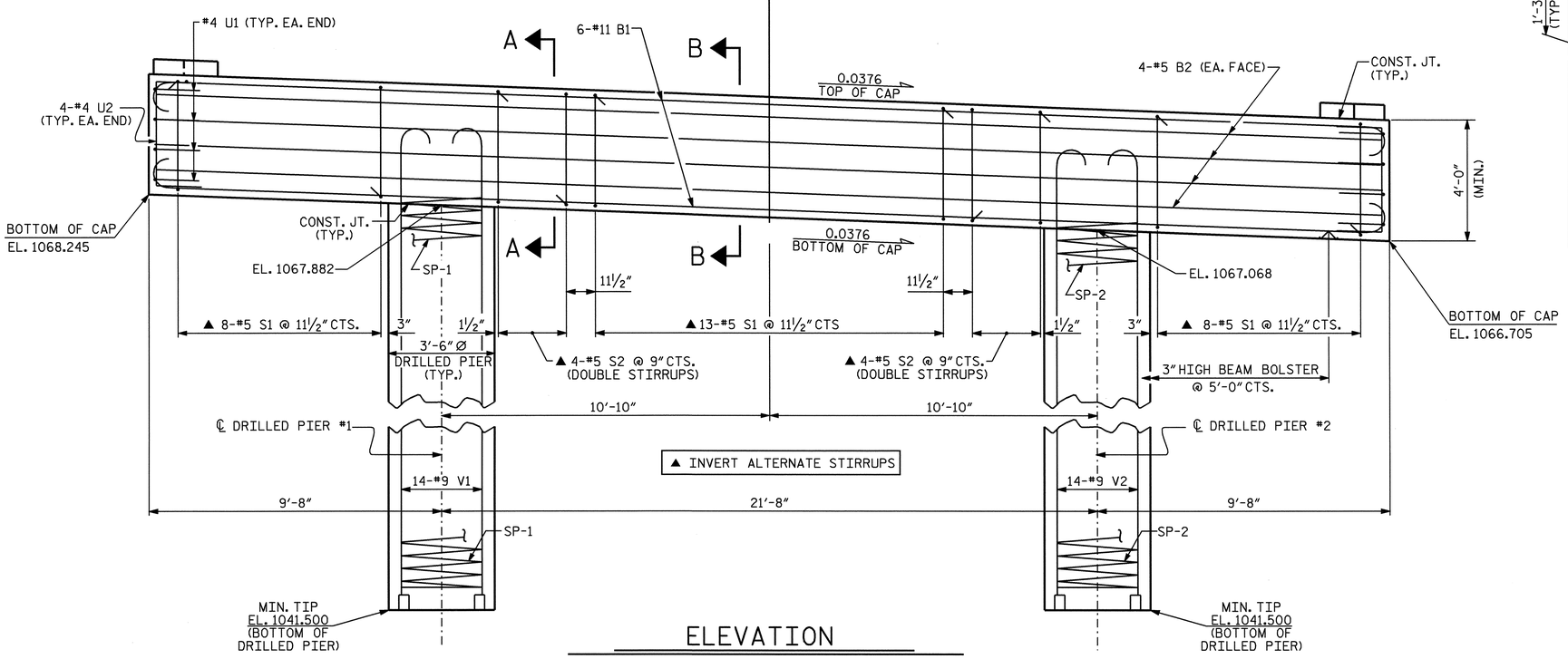
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR THE DRILLED PIERS IS DETAILED WITH THREE FEET OF EXTRA LENGTH.

THE CONTRACTOR SHALL ADJUST THE LENGTH OF THE LONGITUDINAL BARS IN THE DRILLED PIER TO MAINTAIN A MINIMUM OF 1'-8" AND A MAXIMUM OF 3'-4" EMBEDMENT OF THE HOOK END OF THE BARS INTO THE BENT CAP.

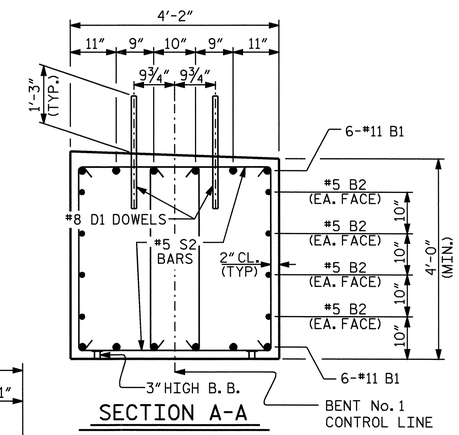
SPLICING OF THE LONGITUDINAL BARS IN THE DRILLED PIER WILL NOT BE PERMITTED.



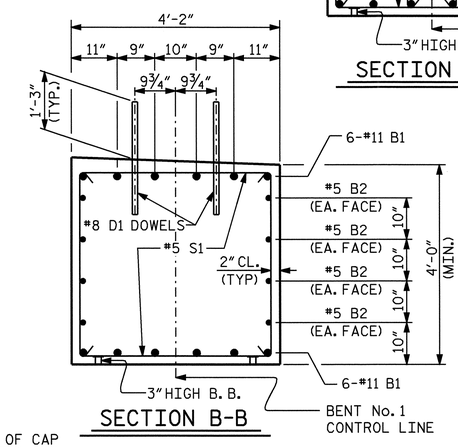
PLAN



ELEVATION



SECTION A-A



SECTION B-B

PROJECT NO. B-4047

BURKE COUNTY

STATION: 15+30.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT No. 1

NORTH CAROLINA PROFESSIONAL SEAL 11310 ENGINEER DOUGLAS E. PETRECA

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-13
1			3			TOTAL SHEETS
2			4			24

DRAWN BY : A. V. ROYAL DATE : 6/05
CHECKED BY : B. N. GRADY DATE : 6/05

05-AUG-2005 08:50
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aroyal