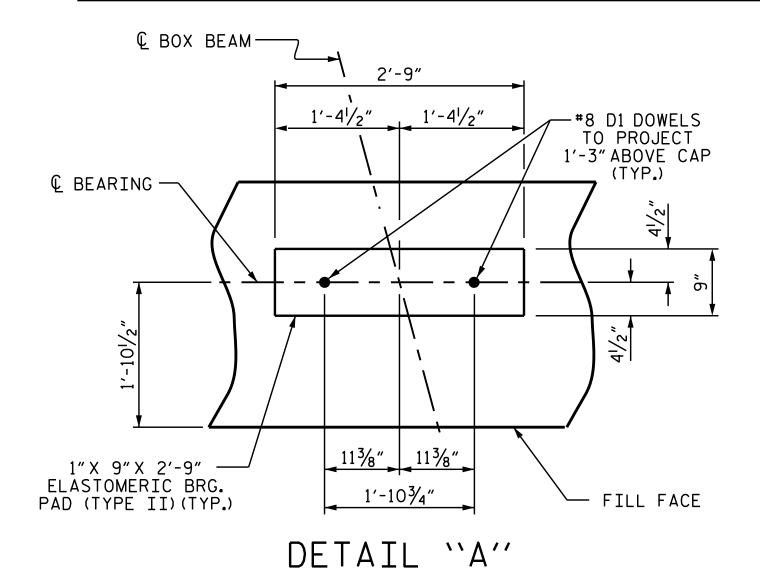


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

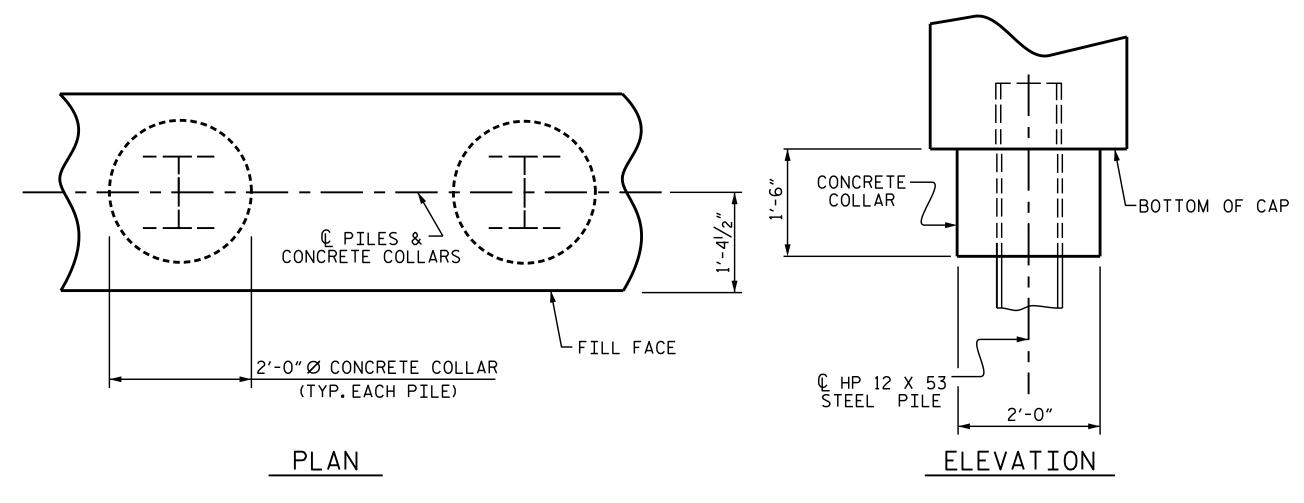
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

## TEMPORARY DRAINAGE AT END BENT



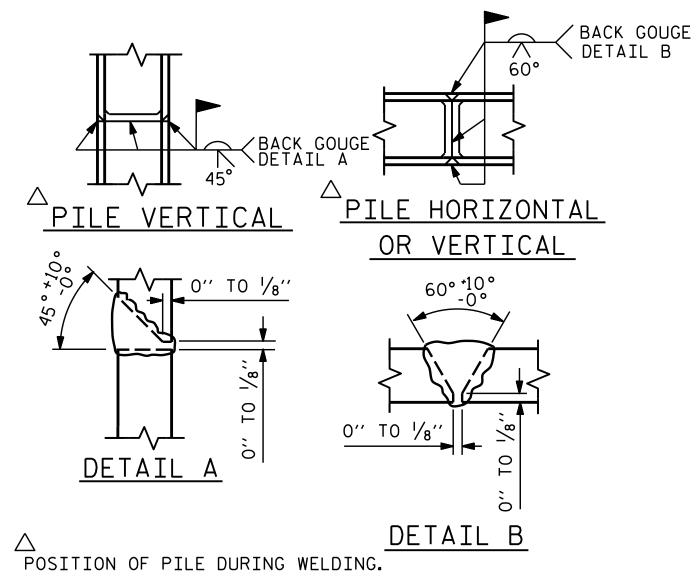
(END BENT No.1 SHOWN, END BENT No.2 SIMILAR BY ROTATION)



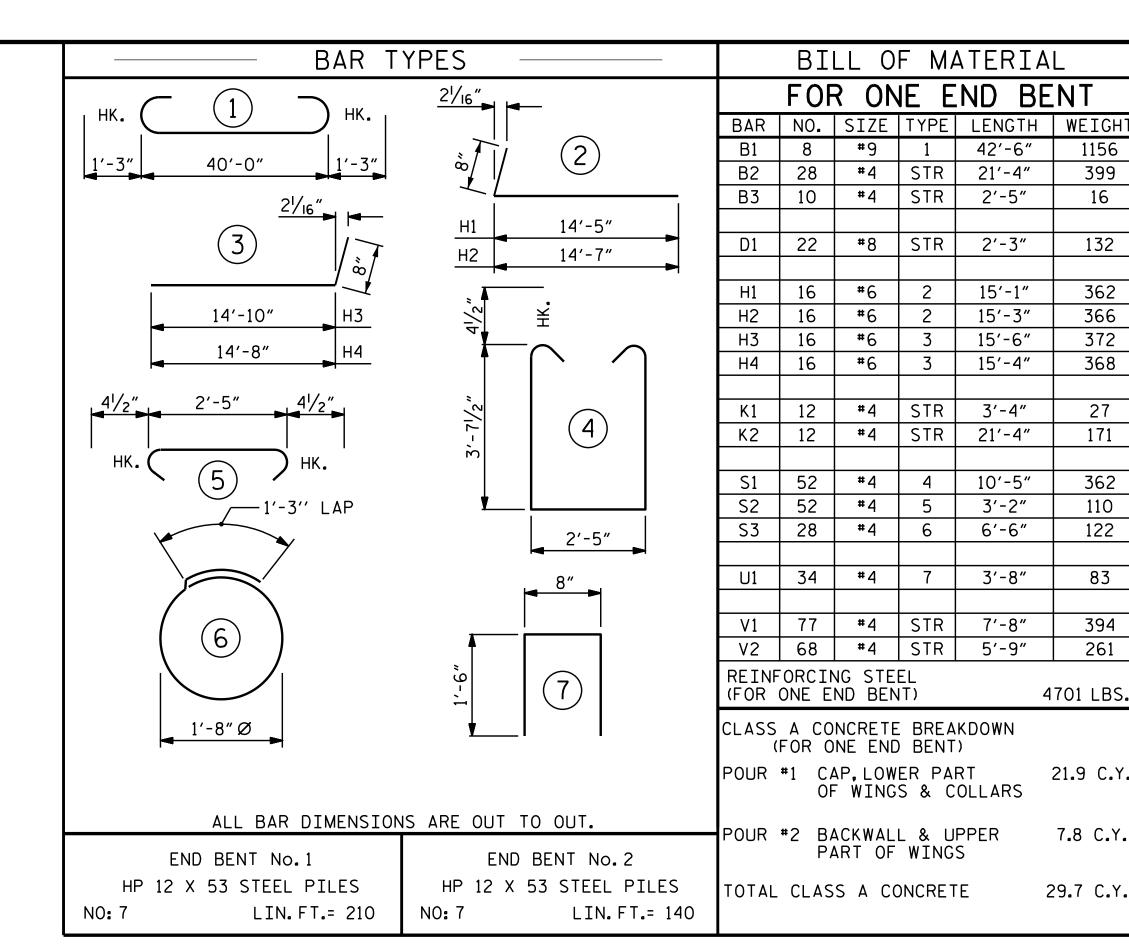
## CORROSION PROTECTION FOR STEEL PILES DETAIL

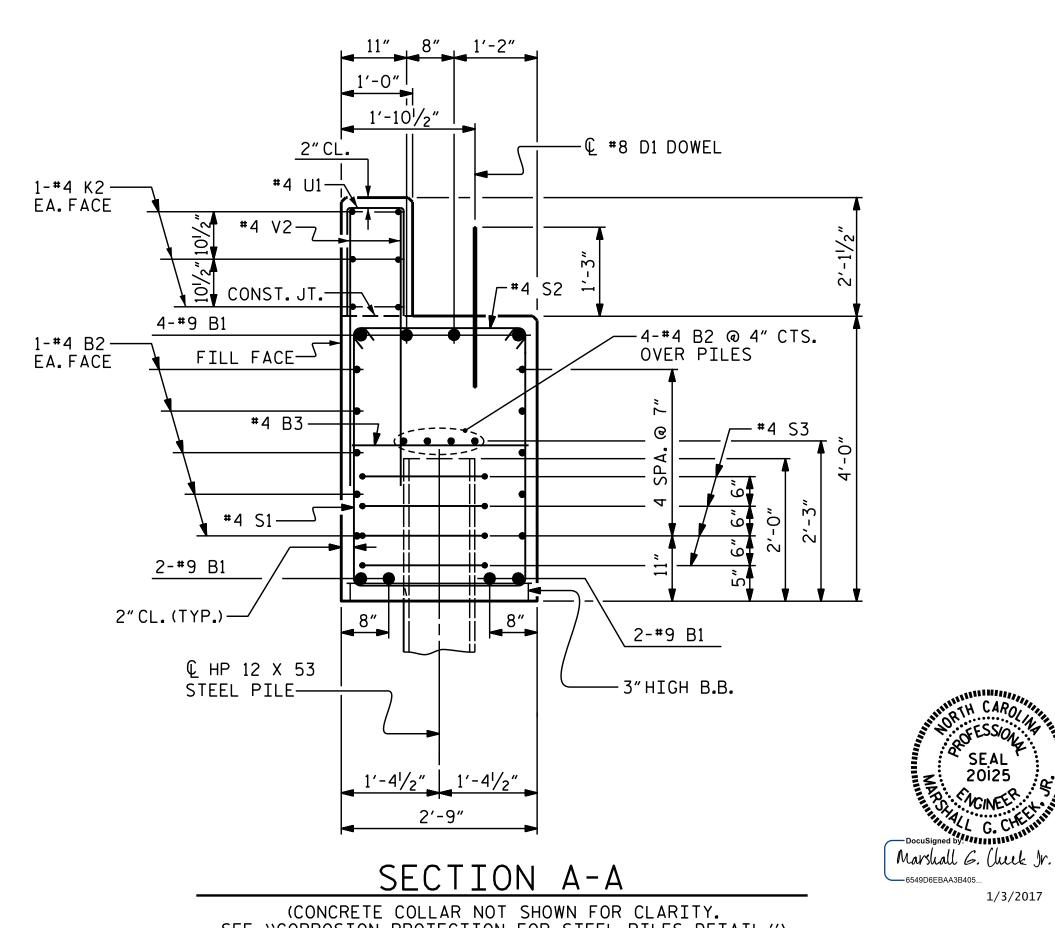
(END BENT No.1 SHOWN, END BENT No.2 SIMILAR BY ROTATION)

ASSEMBLED BY : B.A.DU CHECKED BY : W.J.HARR	KE DATE	6-28-16 8-16
DRAWN BY: WJH 12/II CHECKED BY: AAC 12/II	REV. 8/14	MAA/TMG



PILE SPLICE DETAILS





(CONCRETE COLLAR NOT SHOWN FOR CLARITY. SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL.")

B-5397 PROJECT NO. \_\_\_ RUTHERFORD COUNTY STATION: 15+40.00 -L-

1156

399

16

132

362

366 372

368

27

171

362

110

122

83

394

261

4701 LBS.

21.9 C.Y.

7.8 C.Y.

29.7 C.Y.

SHEET 4 OF 4

SEAL 20i25

NCINEER L

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

END BENT No.1 & 2 DETAILS

1, 3, 2011	REVISIONS						SHEET NO.
CUMENT NOT CONSIDERED	NO.	BY:	DATE:	NO.	BY:	DATE:	S-16
FINAL UNLESS ALL	1			3			TOTAL SHEETS
IGNATURES COMPLETED	2			4			18