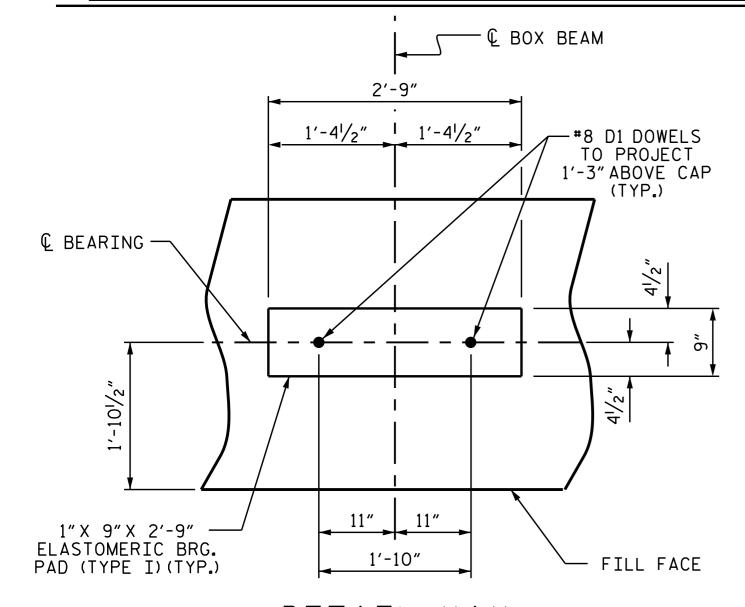


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

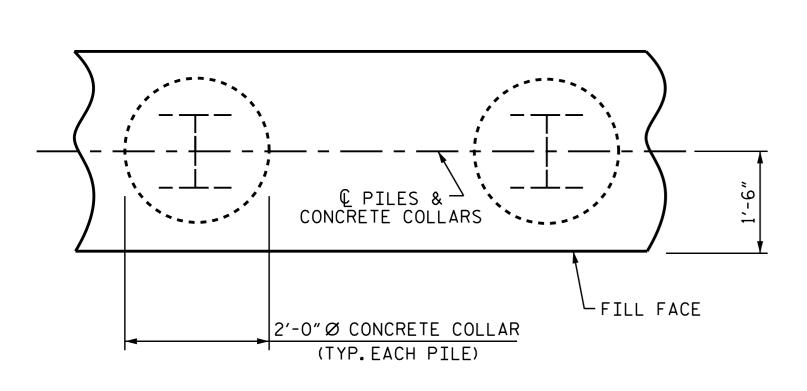
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



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



PLAN

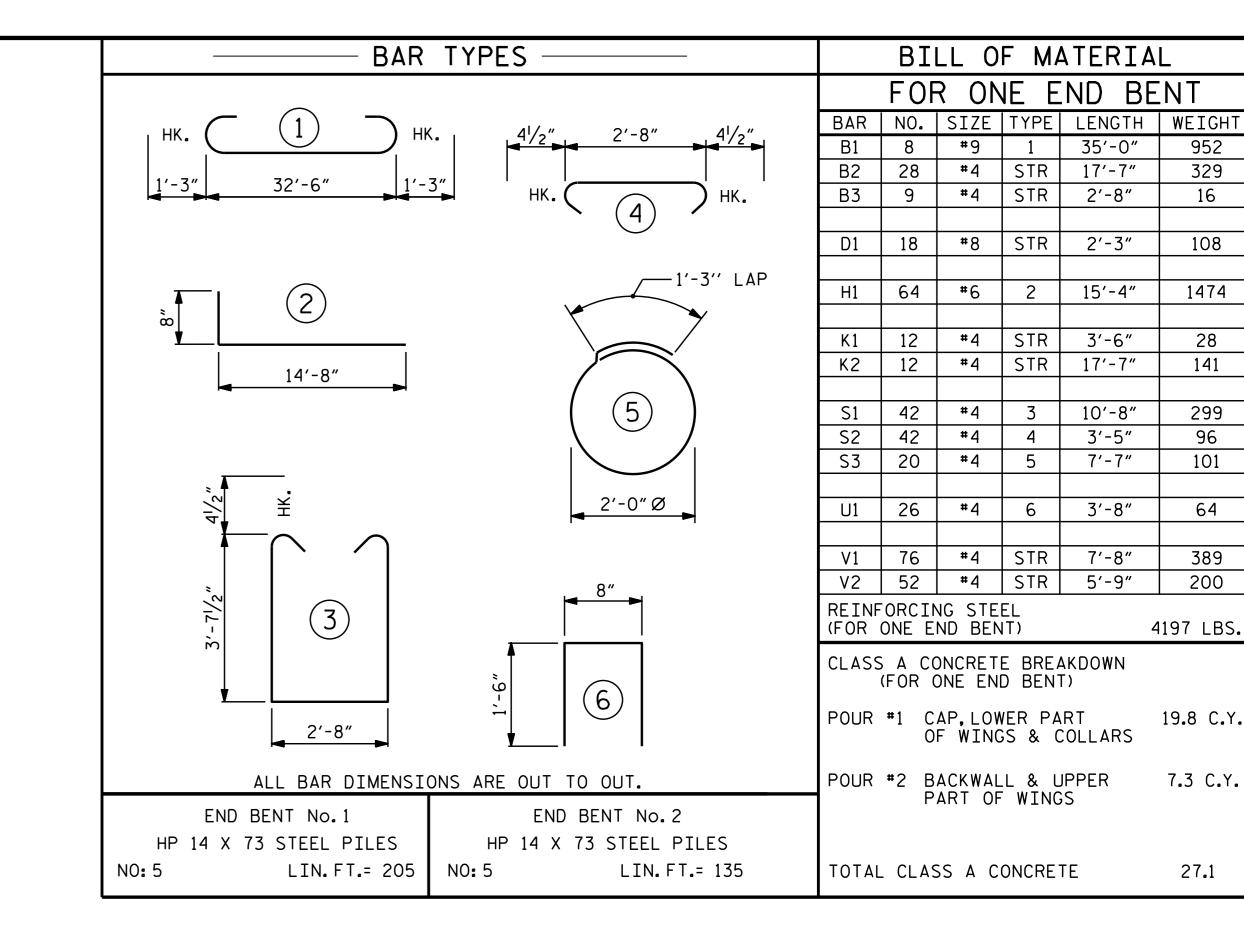
CONCRETE TO COLLAR -BOTTOM OF CAP © HP 14 X 73 STEEL PILE ELEVATION

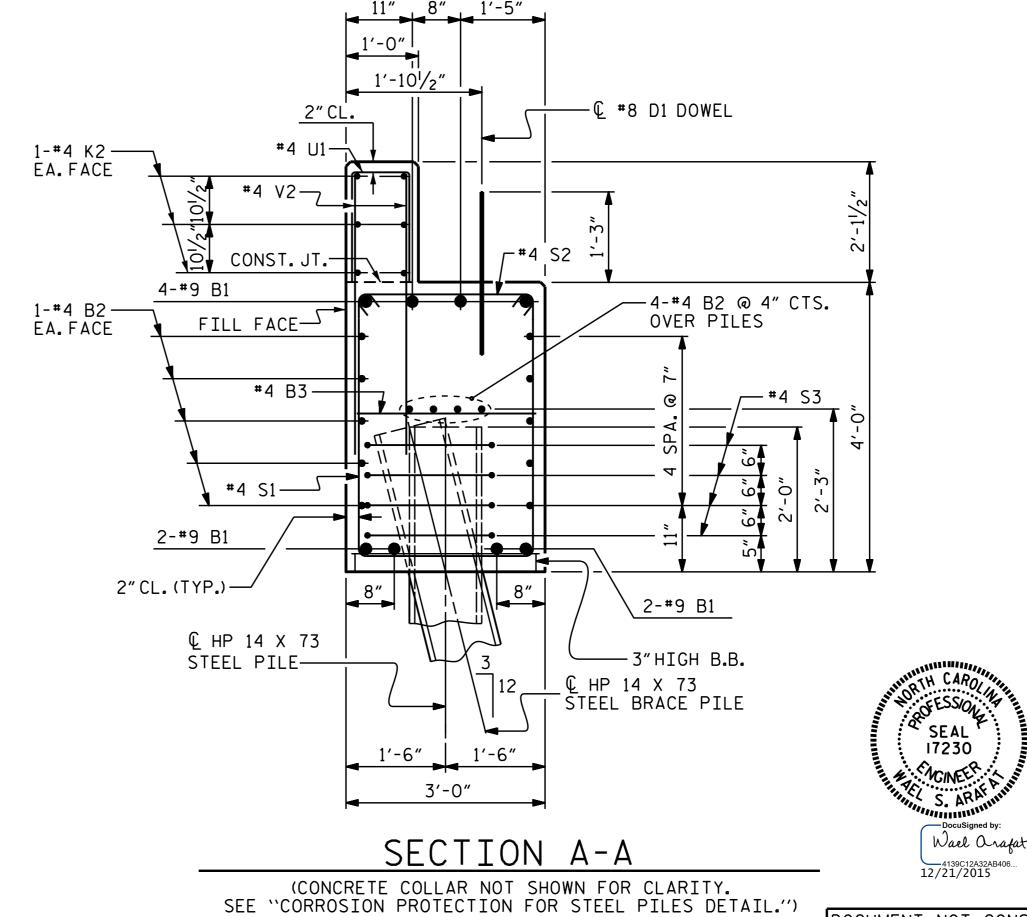
CORROSION PROTECTION FOR STEEL PILES DETAIL (END BENT No. 1 SHOWN, END BENT No. 2 SIMILAR BY ROTATION)

H. T. BARBOUR _ DATE : <u>5-22-15</u> DRAWN BY _ DATE : <u>8-15</u> V. X. NGUYEN CHECKED BY : DESIGN ENGINEER OF RECORD: A.M.LEE DATE: 10-15

BACK GOUGE DETAIL B PILE VERTICAL PILE HORIZONTAL OR VERTICAL 60° 10° `V_T 0" T0 ⅓8" 0'' TO 1/8'' DETAIL A DETAIL B POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS





B-5173 PROJECT NO._ **SURRY** COUNTY 17+22.00 -L-STATION:_

BILL OF MATERIAL

#4 STR 17'-7"

18 | #8 | STR | 2'-3"

12 | #4 | STR | 3'-6"

#4 3

#4 5

OF WINGS & COLLARS

PART OF WINGS

12 | #4 | STR |

#4

28

42

42

952

329

16

108

1474

28

141

299

96 101

64

389

200

4197 LBS.

19.8 C.Y.

7.3 C.Y.

27.1

35'-0"

15′-4″

17'-7"

10′-8″

3'-5"

7'-7"

3′-8″

SHEET 4 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

END BENT No.1 & 2 DETAILS

4139C12A32AB406 12/21/2015 **REVISIONS** SHEET NO. S-16 DATE: NO. BY: BY: DATE: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

21-DEC-2015 11:02 T:\Structures\FINAL-Plans\B5173_SD_E*.dgn warafat