

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

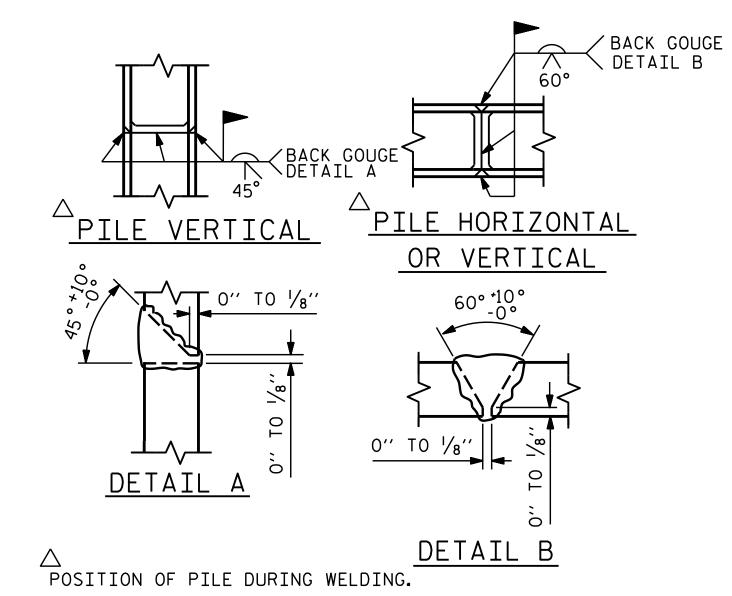
€ PILES & → CONCRETE COLLARS

2'-0"Ø CONCRETE COLLAR

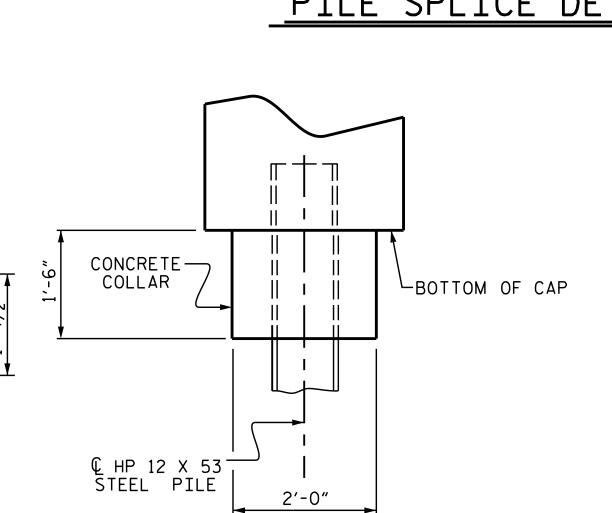
(TYP.EACH PILE)

ELASTOMERIC BRG. PAD (TYPE I) (TYP.)

PLAN



PILE SPLICE DETAILS



ELEVATION

CORROSION PROTECTION FOR STEEL PILES DETAIL

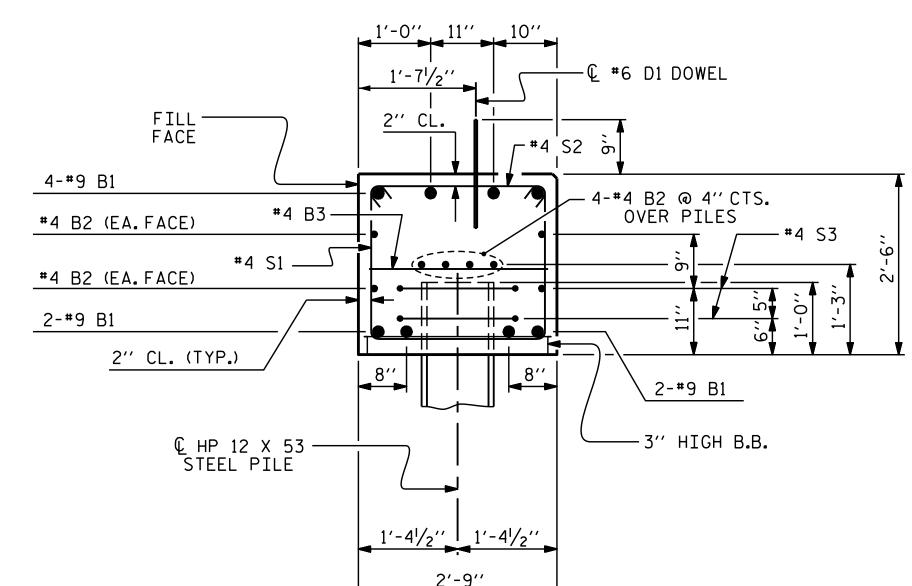
(END BENT No. 1 SHOWN, END BENT No. 2 SIMILAR BY ROTATION)

-FILL FACE

—— © CORED SLAB UNIT 2'-6" - #6 D1 DOWELS 1'-3" 1'-3" TO PROJECT 9" ABOVE CAP (TYP.) 91/2" 91/2" 1" X 8" X 2'-6" —

1'-7"

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



SECTION A-A

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



5/19/2021 037031

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET 4 of 4

END BENT No.1 & 2 DETAILS

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

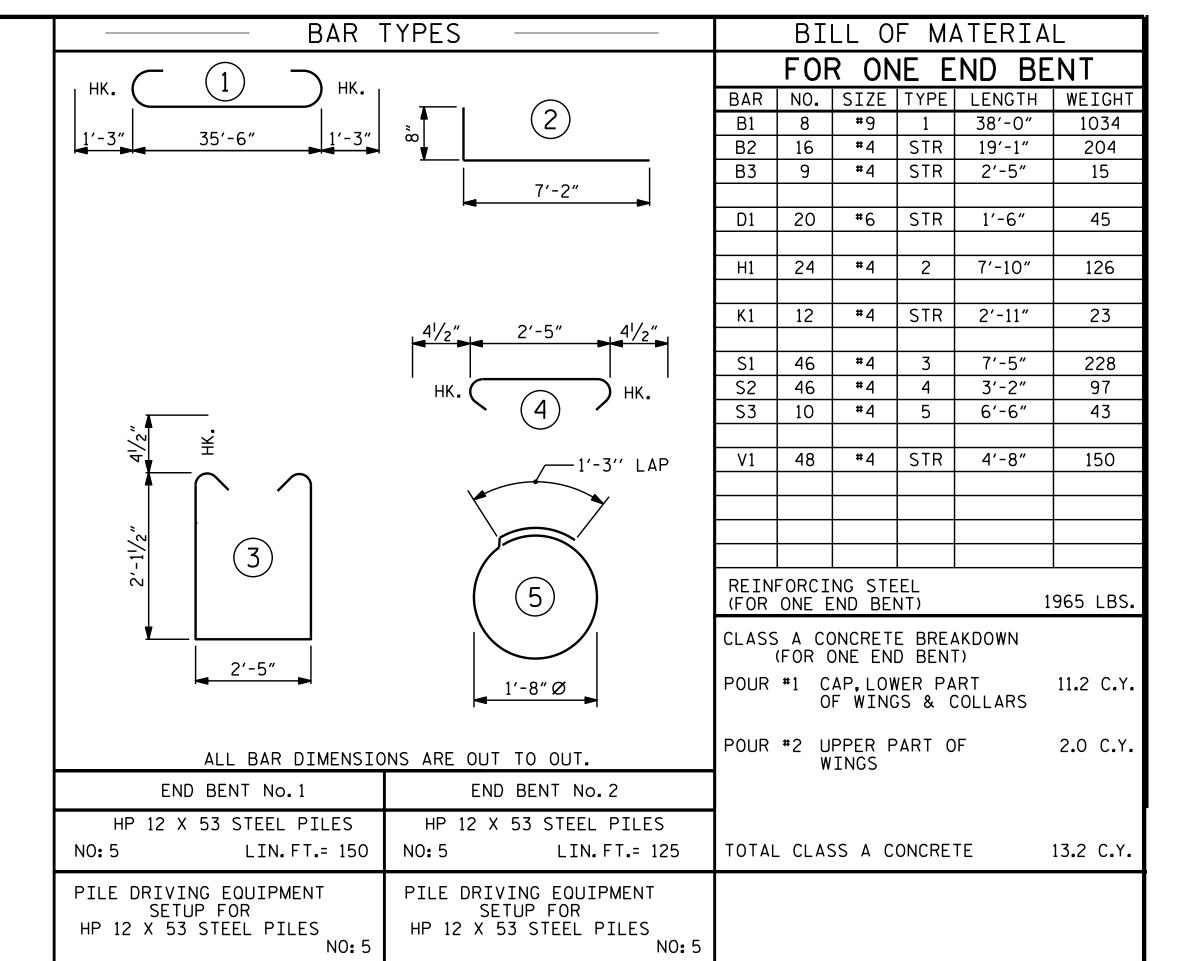
PROJECT NO. BR-0107

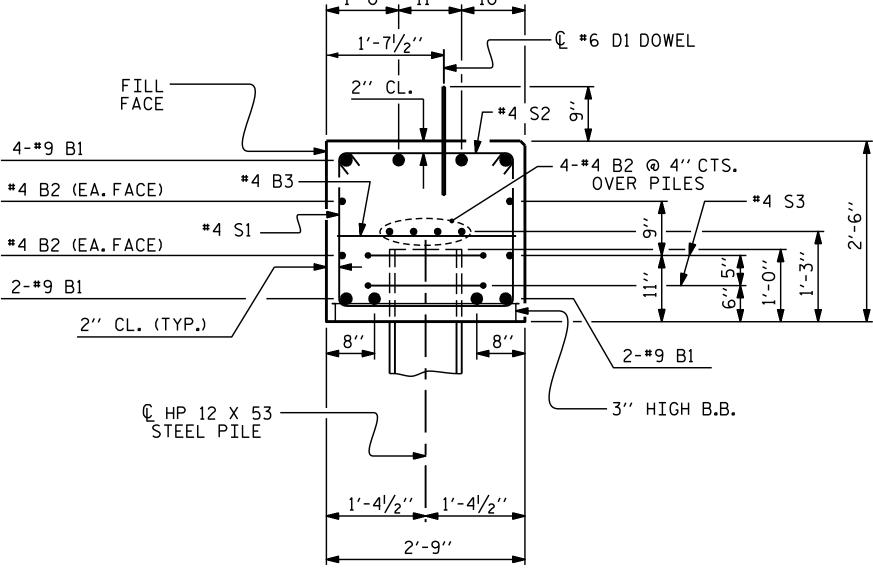
COUNTY

17+68.00 -L-

IREDELL

REVISIONS SHEET NO. NO. BY: S-12 DATE: BY: DATE:





ms consultants, inc. 5444 Wake Park Blvd. Raleigh, NC 27607

STD. NO. EB_30_90S

ASSEMBLED BY : J.M. KEPICH CHECKED BY : L.M. SAMPLES

DRAWN BY: DGE 12/09 CHECKED BY: MKT 01/10 REV. 4/17

MAA/THC

DATE :II/I9

DATE :03/20

— FILL FACE