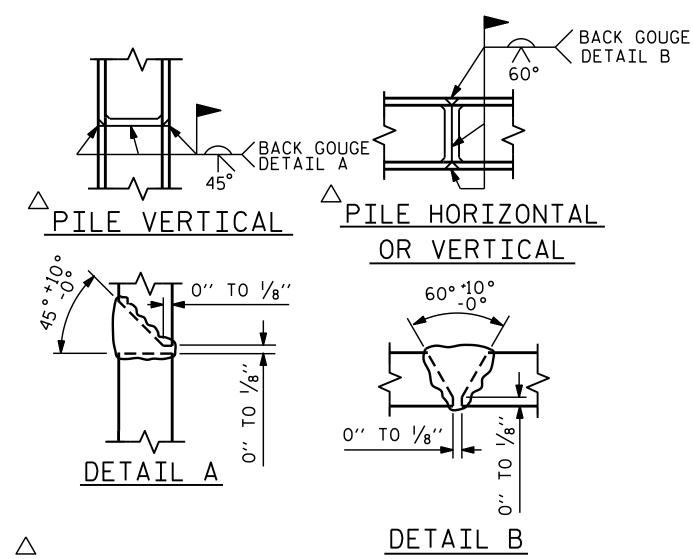


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

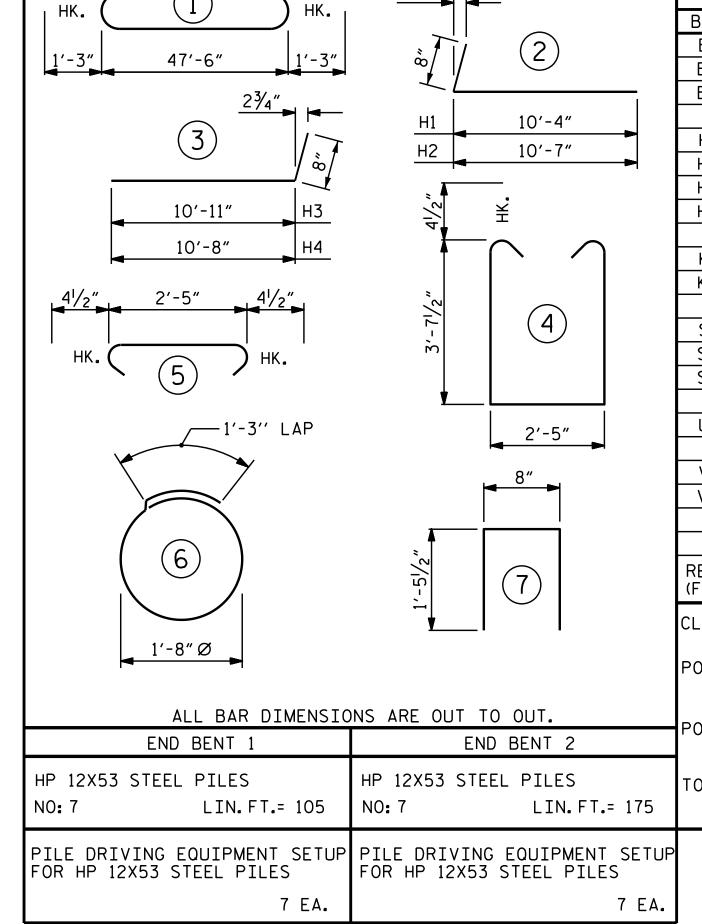
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

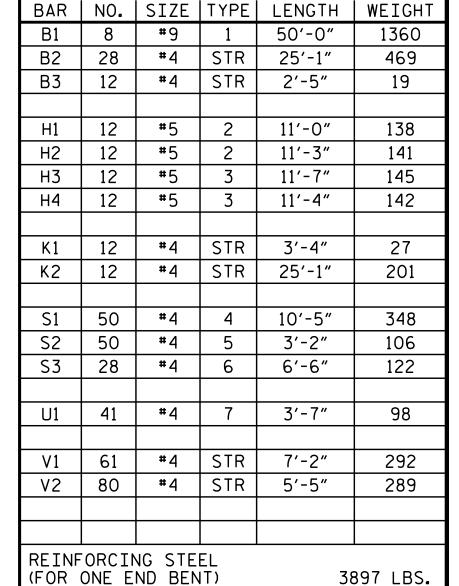


POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



BAR TYPES



BILL OF MATERIAL

FOR ONE END BENT

(FOR ONE END BENT) CLASS A CONCRETE BREAKDOWN

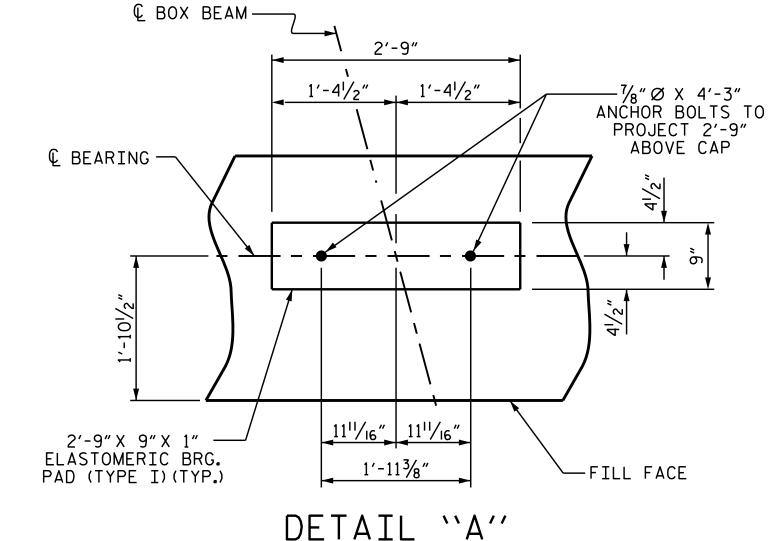
(FOR ONE END BENT) POUR #1 CAP, LOWER PART 23.7 C.Y. OF WINGS & COLLARS

6.5 C.Y.

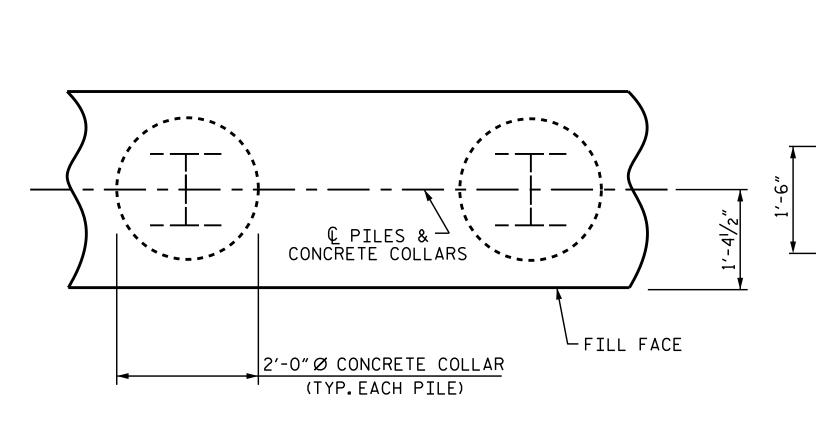
POUR #2 BACKWALL & UPPER PART OF WINGS

TOTAL CLASS A CONCRETE 30.2 C.Y.

— Ĺ ½″Ø ANCHOR BOLT



(END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION)



CORROSION PROTECTION FOR STEEL PILES DETAIL (END BENT 1 SHOWN, END BENT 2 SIMILAR BY ROTATION)

DRAWN BY: H. B. DESAI

CHECKED BY: T. L. AVERETTE

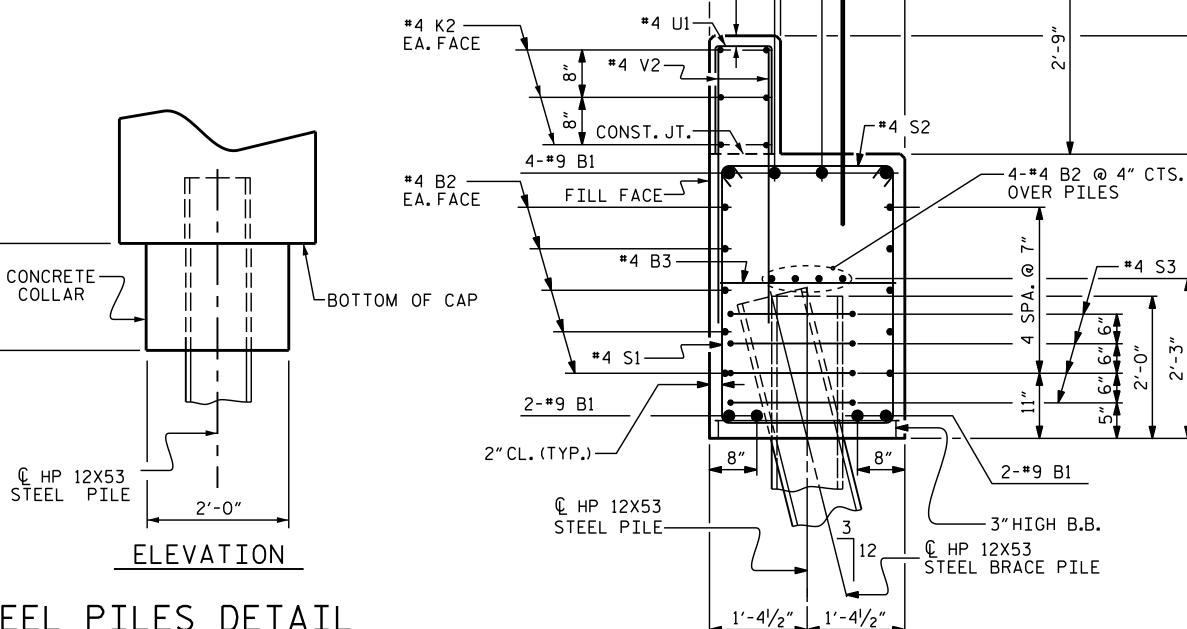
DESIGN ENGINEER OF RECORD: K. P. SEDAI

DATE: 10/11/16

DATE: 2/20/17

DATE: 2/22/17

PLAN



1'-0"

2" CL.

1'-101/2"

2'-9"

SECTION A-A

(CONCRETE COLLAR NOT SHOWN FOR CLARITY.

SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL."

B-5165 PROJECT NO. _ DAVIDSON _ COUNTY STATION: 22+12.00 -L-

SHEET 4 OF 4

Krishna P. Sedai

SEAL 6 031583

4/20/2017

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

SUBSTRUCTURE

END BENT 1 & 2 DETAILS

SHEET NO. REVISIONS S-20 DATE: DATE: BY: DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED TOTAL SHEETS

20-APR-2017 12:03 P:\Structures\FinalPlans\B-5165_SMU_E1.dgn