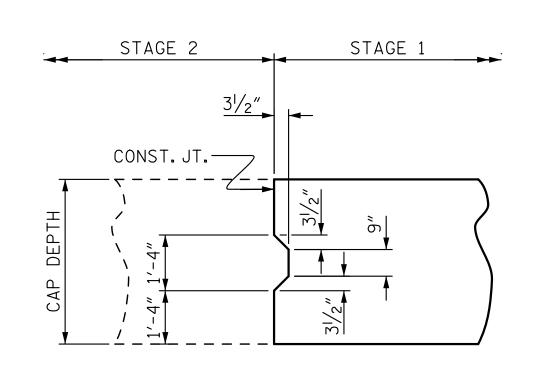
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

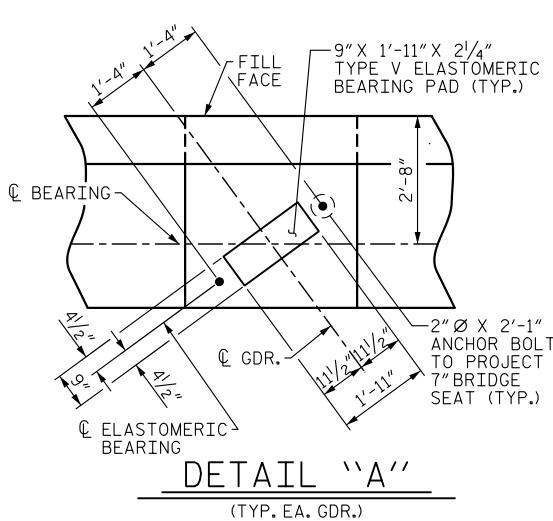
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



SHEAR KEY DETAIL

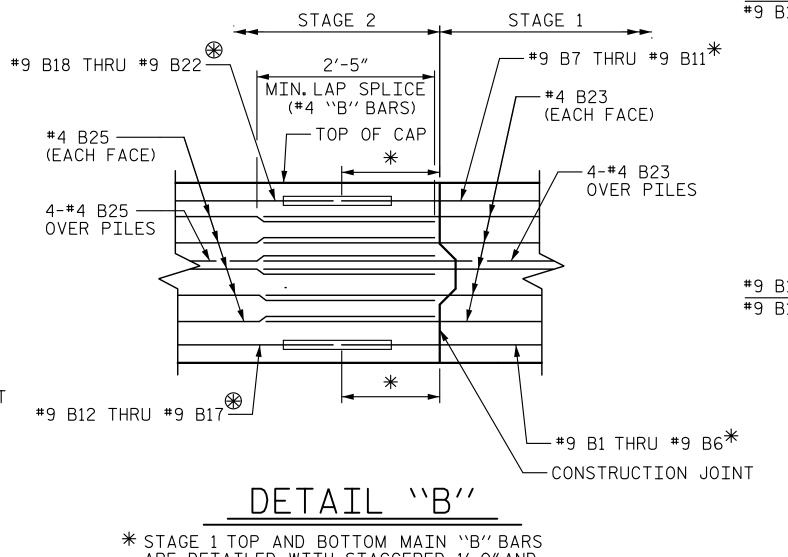


ANCHOR BOLT

\* STAGE 1 TOP AND BOTTOM MAIN "B" BARS

/ BACK GOUGE DETAIL B PILE HORIZONTAL OR VERTICAL V, TO 1/8" 0" T0 1/8" DETAIL A DETAIL B POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



ARE DETAILED WITH STAGGERED 1'-0" AND 2'-0" EXTENSIONS BEYOND CONSTRUCTION JOINT.

₱ PLACE ALL BARS IN STAGE 2 AT OR NEAR THE END OF BARS EXTENDING FROM STAGE 1. \*\* SEE SPECIAL PROVISIONS FOR APPLICATION OF BRIDGE COATING.

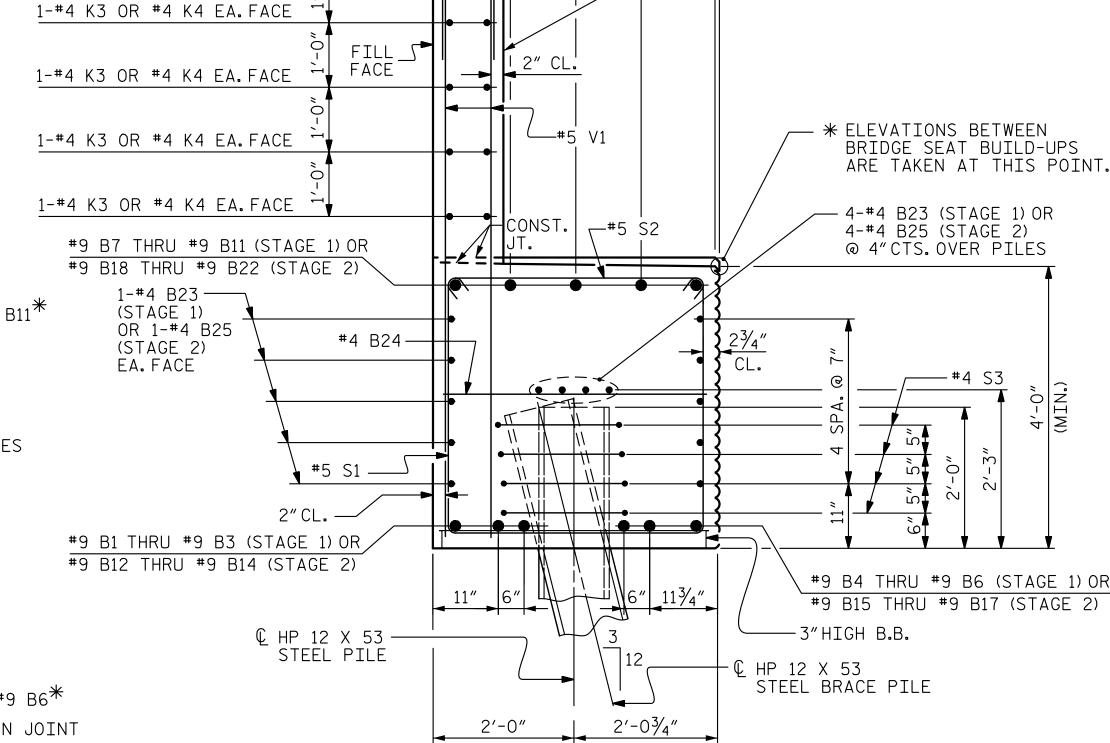
¾"MAX.FORM

LINER RELIEF

✓ STAIN FACE OF

BACKWALL PRIOR

TO SETTING GIRDERS \*\*



#4 U1—

1-#4 K3 OR #4 K4 EA.FACE

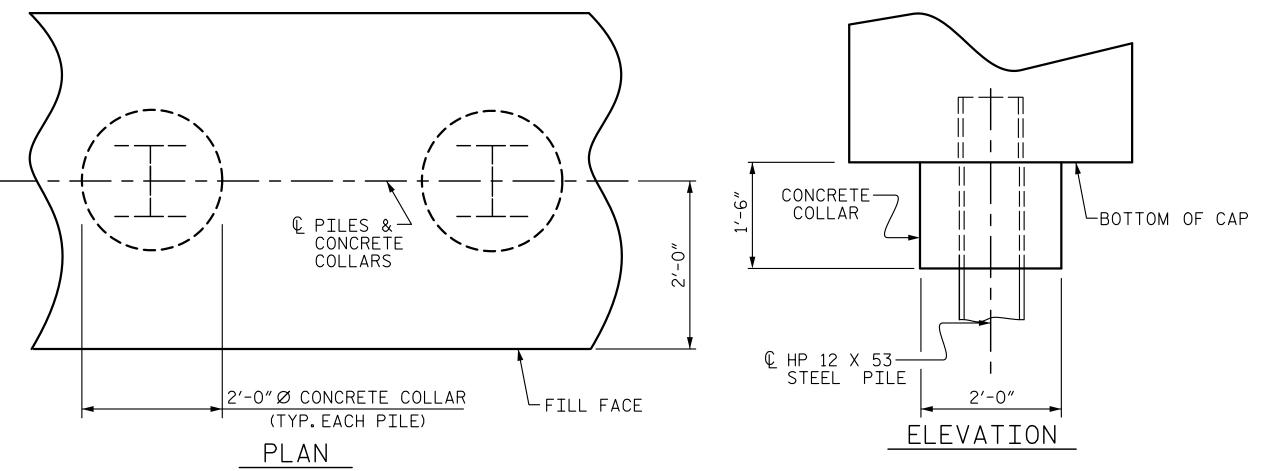
SECTION A-A CONCRETE COLLAR NOT SHOWN FOR CLARITY.
SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL."

4'-03/4"

SEAL

14408

Thomas E. Tallman



CORROSION PROTECTION FOR STEEL PILES DETAIL

B-4159 PROJECT NO.\_ JACKSON COUNTY

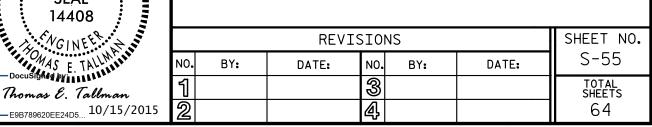
20+16.00 -L-STATION:

SHEET 3 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

END BENT 2 DETAILS



DRAWN BY: D. H. CARTER DATE : SEP 2015 CHECKED BY : K.M. MOBLEY \_\_ DATE :SEP 2015 DESIGN ENGINEER OF RECORD: T.E. TALLMAN DATE : OCT 2015

Engineering
5121 Kingdom Way, Suite 100 Raleigh, NC 27607