

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

CONST. JT.—

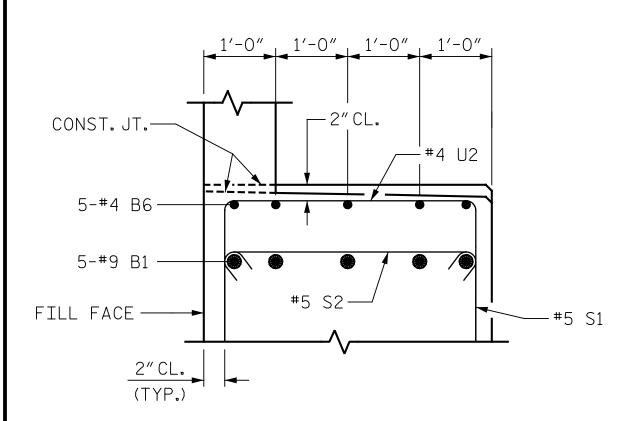
5-#4 B7-

5-#9 B1 —

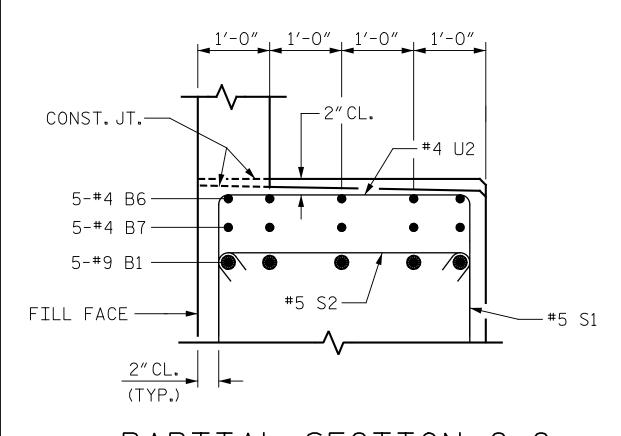
2"CL. (TYP.)

PARTIAL SECTION D-D

FILL FACE ——

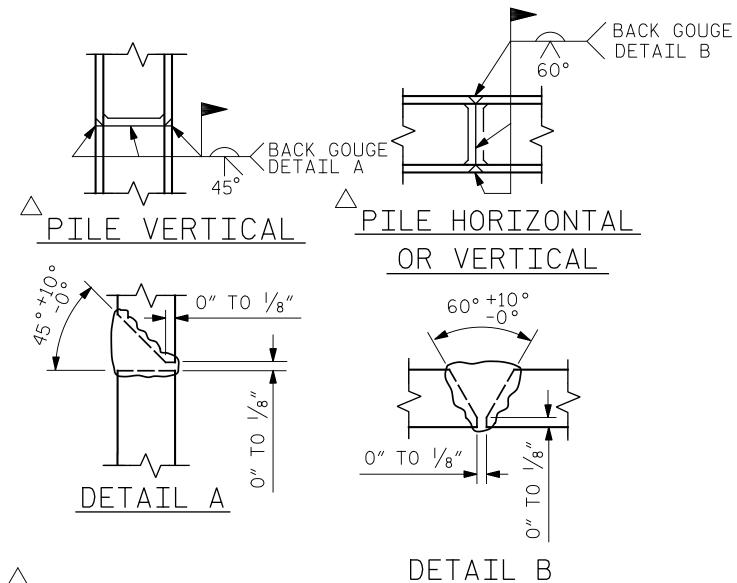


PARTIAL SECTION B-B



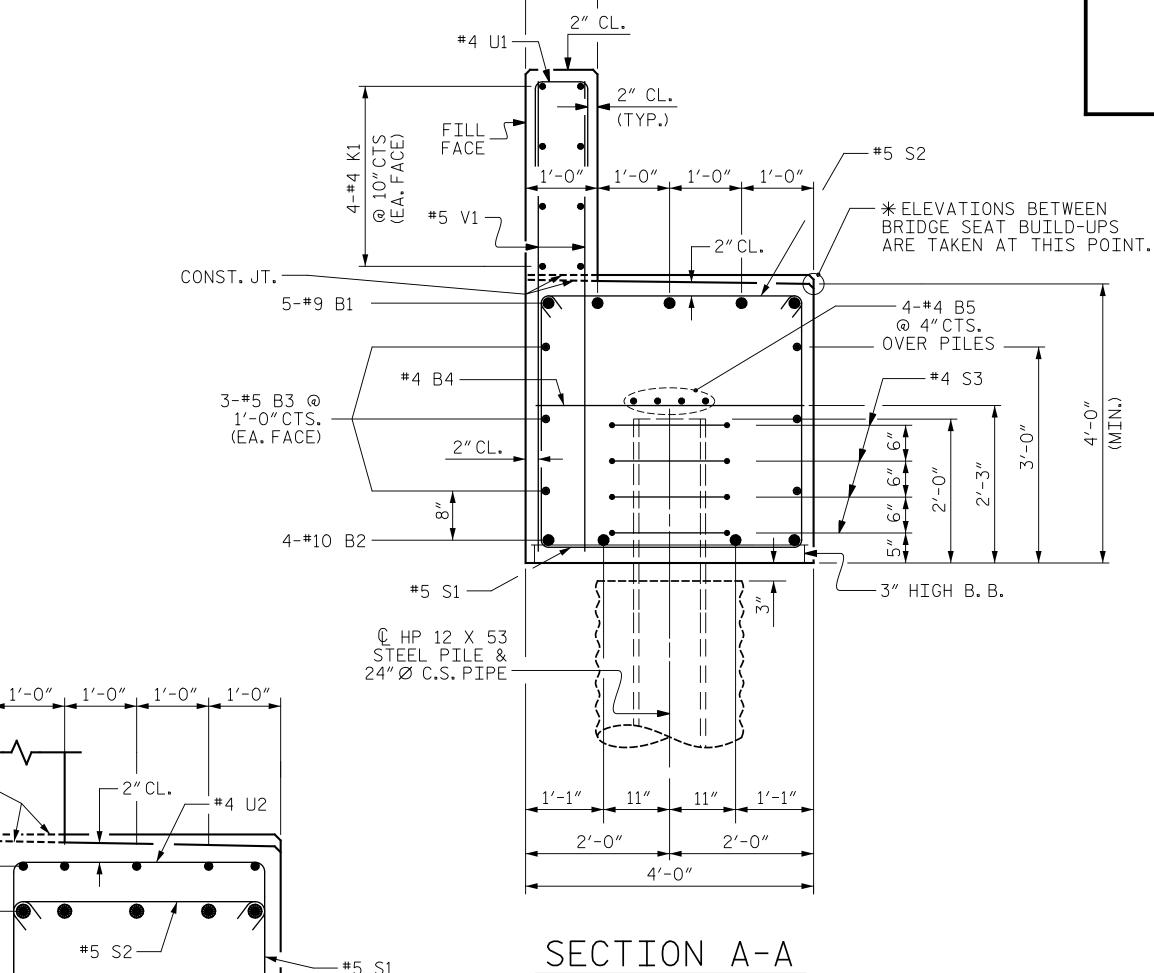
PARTIAL SECTION C-C

__ DATE : <u>10/19/17</u> __ DATE : <u>10/19/17</u> DRAWN BY : J.A. BOYER CHECKED BY : R.F. WERTMAN DESIGN ENGINEER OF RECORD : R.F. WERTMAN DATE : 11/06/17



POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



36′-9″ 9'-10" (6)3′-8″ ALL BAR DIMENSIONS ARE OUT TO OUT.

BAR TYPES

Κ2 STR 4′-6″ 6 18 STR | 4'-4" 24 K3 8 #4 S1 78 11'-10" 963 S2 #5 373 78 4′-7″ S3 32 #4 6′-6″ 139 U1 56 3′-8″ 138 33 U2 6′-8″ 147 STR | 6'-7" 769 112 #5 8'-3" 103 34 STR 8′-6″ 301 REINFORCING STEEL 7391 LBS CLASS A CONCRETE OUR #1 (CAP & LOWER WINGS) 42.4 C.Y OUR #2 (UPPER WINGS & BACKWALL) 10.1 C.Y TOTAL 52.5 C.Y HP 12 X 53 STEEL PILES 576 LIN. FT No. = 8 PILE DRIVING EQUIPMENT SETUP 8 EACH FOR HP 12 X 53 STEEL PILES

BILL OF MATERIAL

END BENT #2

STR

STR

STR

TYPE | LENGTH | WEIGHT

38'-6"

38'-2"

34'-4"

3′-8″

2'-2"

13'-4"

STR | 23'-7"

STR | 20'-4"

STR | 23'-7"

1314

430

40

189

36

136

584

378

8 EACH

SIZE

#10

#5

No.

12

25

10

42

24

В4

В5

В6

H1

41665.7A PROJECT NO. ___ CUMBERLAND _ COUNTY STATION: 107+16.84 -L2-13+69.76 -Y-

SHEET 3 OF 3

PILE REDRIVES

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

END BENT #2



FILL FACE

2.24 K/FT. (FACTORED)

TIE BACK DETAILS

(DETAIL SHOWING TIE BACK RESTRAINT FOR END BENT)

73	DOCUMENT NOT CONSIDERED
	FINAL UNLESS ALL
	SIGNATURES COMPLETED

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	S03-
1			3			TOTAL SHEET
9						24

Dechaul F Vietna

SEAL (* 037180