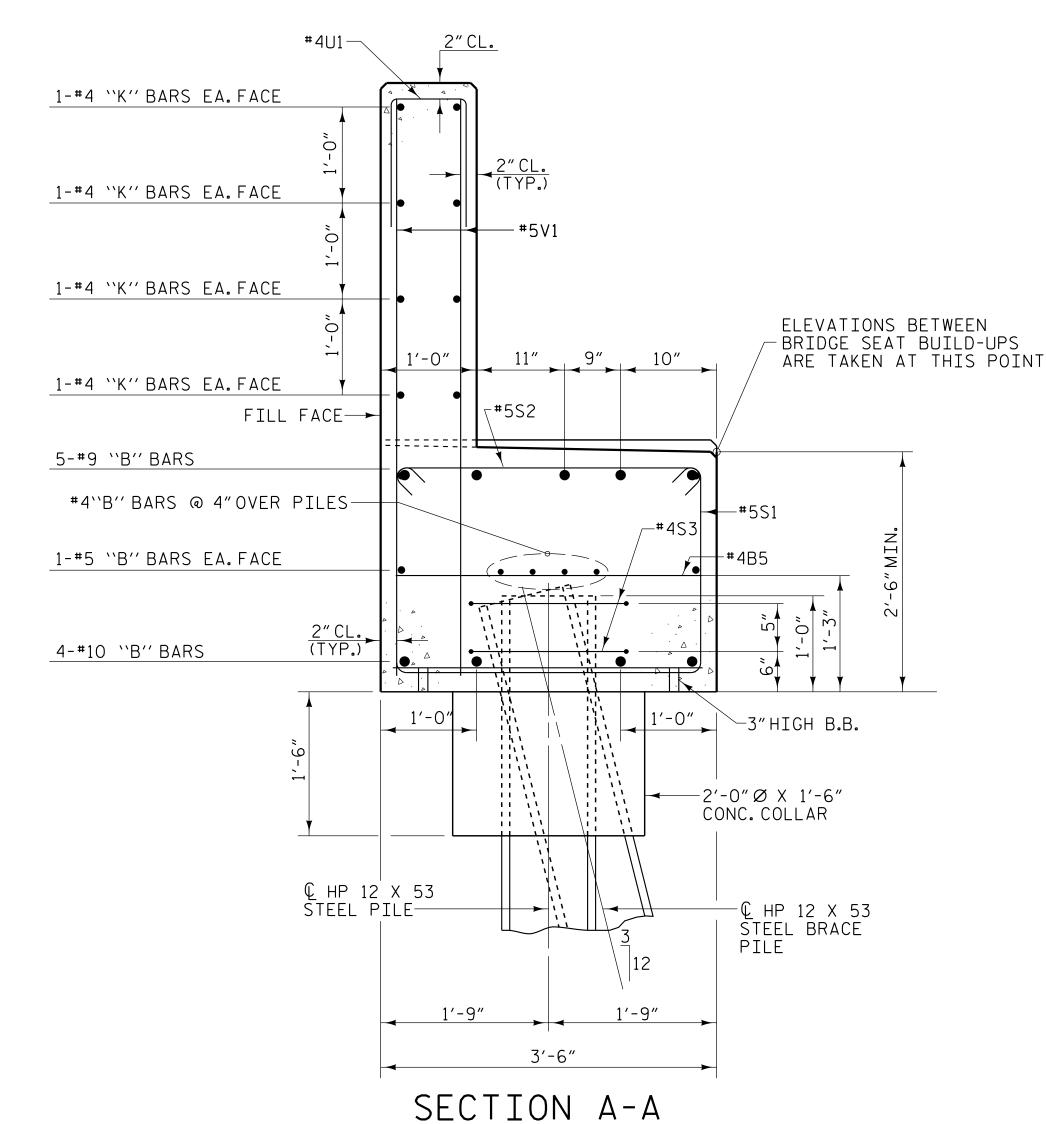
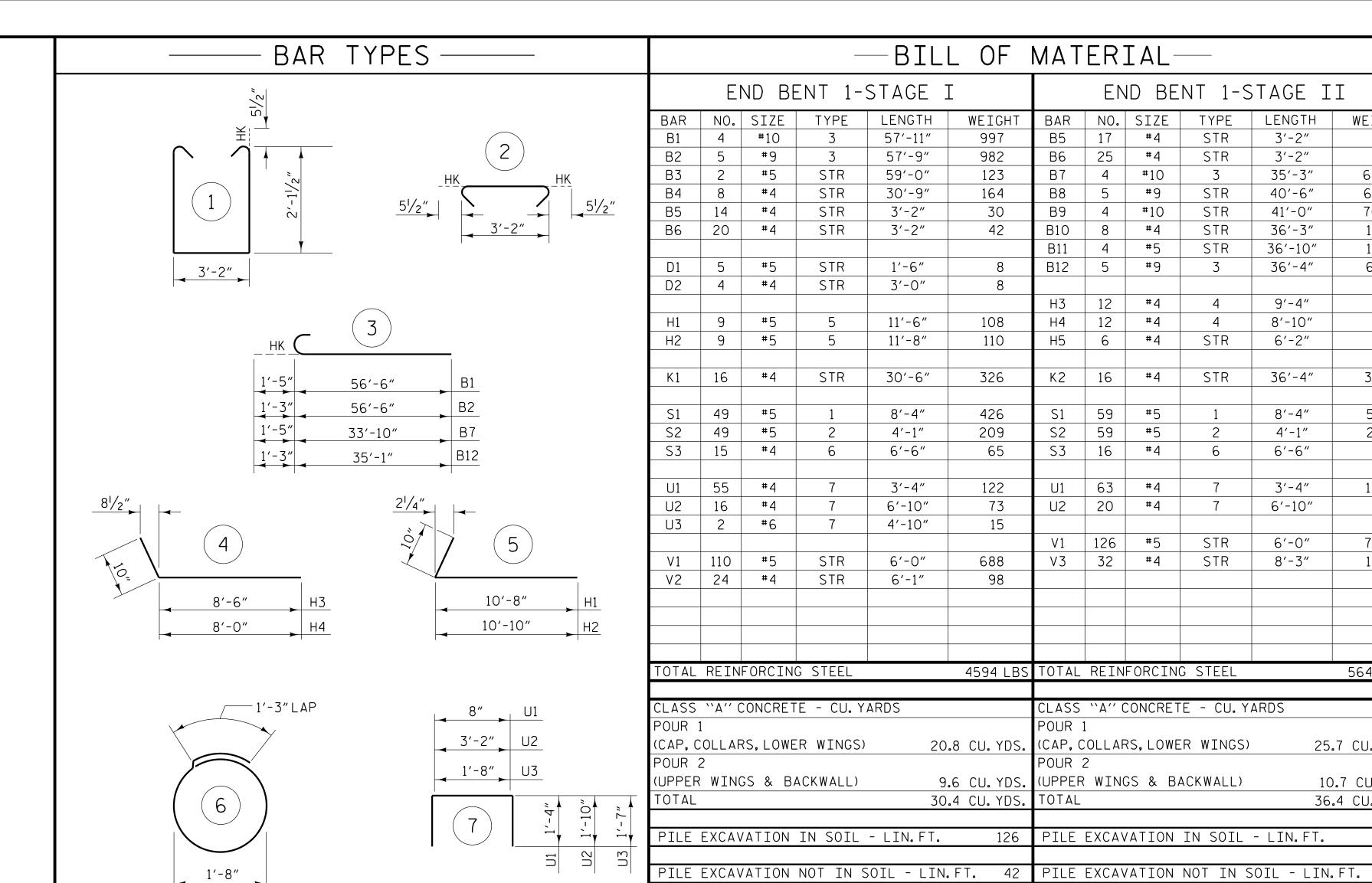
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

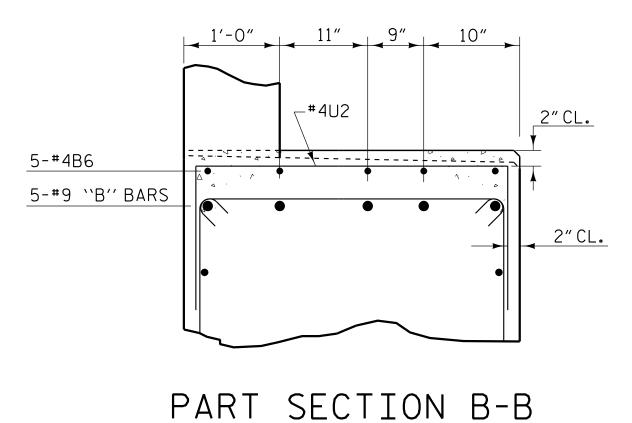
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR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







ALL BAR DIMENSIONS ARE OUT TO OUT

U-5839 PROJECT NO.\_ HAYWOOD COUNTY STATION: 24+64.13 -L- POC

END BENT 1-STAGE II

LENGTH

3'-2"

3'-2"

35'-3"

40'-6"

41'-0"

36'-3"

36'-10"

36'-4"

9'-4"

8'-10"

6′-2″

36'-4"

8'-4"

4'-1"

6′-6″

3′-4″

6'-10"

6′-0″

8′-3″

WEIGHT

36

53

607

689

706

194

154

618

75

71

25

388

513

251

69

140

91

789

176

5645 LB

25.7 CU. YDS.

10.7 CU. YDS

36.4 CU. YDS

126

TYPE

STR

#4

#4

#10

#9

#10

#4

#5

#9

#4

#5

#5

#4

#5

#4

HP 12 X 53 STEEL PILES

280 7 PILES REQUIRED - LIN. FEET

PILE DRIVING EQUIPMENT SETUP FOR

HP 12 X 53 STEEL PILES - EACH

SHEET 4 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE

END BENT 1 DETAILS

| REVISIONS |       |     |     |       | SHEET NO.       |
|-----------|-------|-----|-----|-------|-----------------|
| BY:       | DATE: | NO. | BY: | DATE: | S1-44           |
|           |       | 3   |     |       | TOTAL<br>SHEETS |
|           |       | 4   |     |       | 63              |

PLANS PREPARED BY: 3300 REGENCY PARKWAY, SUITE 100 CARY, NC 27518 P: 919.851.1912 www.NV5.com NC License # F-1333

DRAWN BY: W.B.ALLEN

CHECKED BY: Z.H.BROWN

DESIGN ENGINEER OF RECORD: R.C.LARSON

DATE: 8/20

4/23 W.B.ALLEN

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**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED** 5/18/2023

HP 12 X 53 STEEL PILES

8 PILES REQUIRED - LIN. FEET

HP 12 X 53 STEEL PILES - EACH

PILE DRIVING EQUIPMENT SETUP FOR

DocuSigned by:

EB2398D922047(