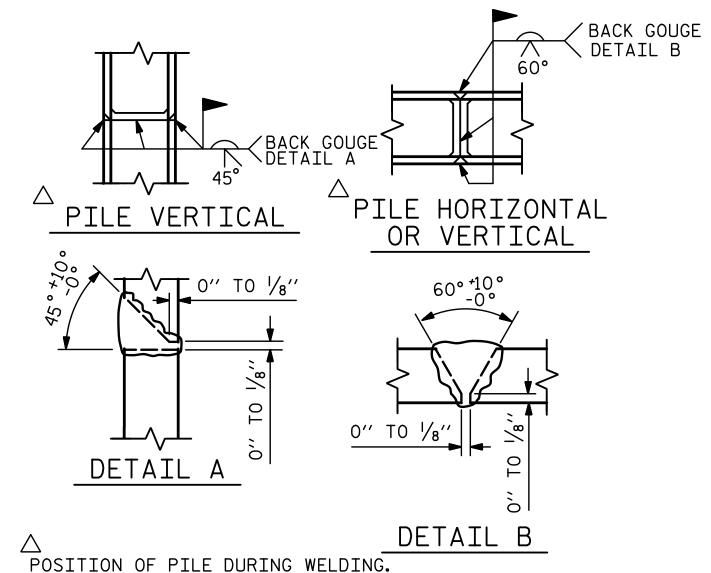


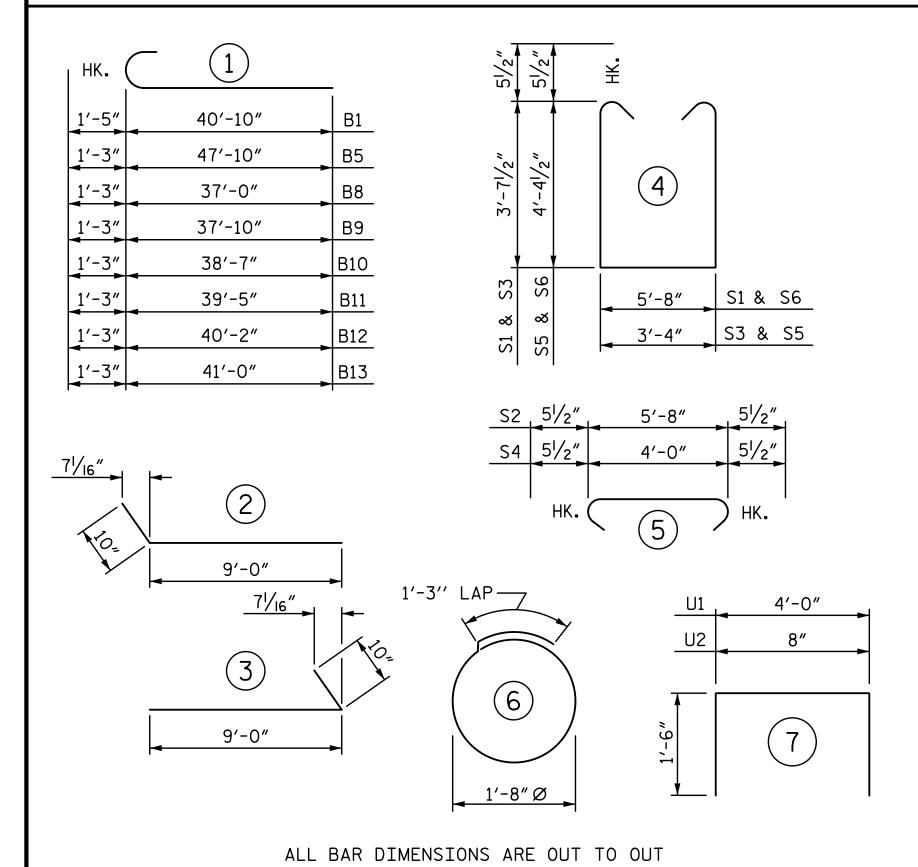
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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



PILE SPLICE DETAILS



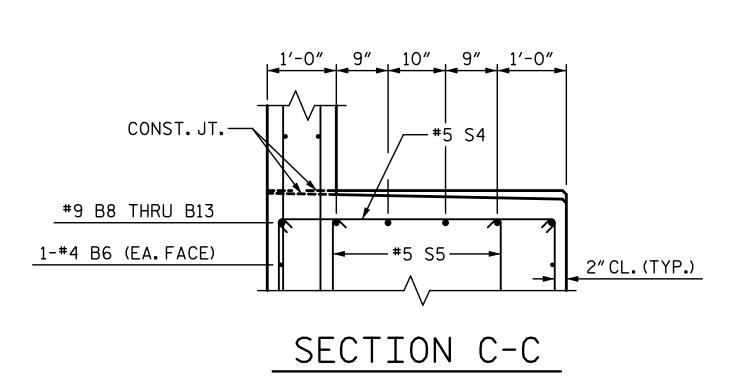
-BAR TYPES-

END BENT 2 BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT #10 42′-3″ 1818 #4 | STR | 39'-10" B2 319 #4 STR 53 4′-0″ В4 #4 STR 39'-10" 213 B5 1001 #9 49′-1″ В6 #4 STR 34'-7" 2 #4 STR 56 14'-0" B8 #9 130 38′-3″ 133 В9 39'-1" #9 B10 39'-10" 135 #9 138 B11 #9 40'-8" B12 41′-5″ #9 141 B13 144 42′-3″ #9 369 36 #5 9'-10" 349 H2 34 #5 9'-10" 3 #4 | STR | 39'-10" 24 639 #4 STR 18 3′-4″ 8 #5 13′-10″ 29 S2 #5 6'-7" 27 4 1151 S3 96 #5 11'-6" S4 4'-11" 492 96 #5 S5 1302 96 #5 13′-0″ S6 #5 15'-4" 156 S7 36 #4 6′-6″ 10 #4 7′-0″ U2 3′-8″ 169 69 #4 1367 138 #5 | STR | 9′-6″ 338 ٧2 28 #5 | STR 11'-7" V3 | 28 | #5 | STR | 10'-9" 314 TOTAL REINFORCING STEEL 11126 LB CLASS A CONCRETE BREAKDOWN POUR 1

BILL OF MATERIAL

57.1 CY (CAP & LOWER WINGS) POUR 2 (UPPER WINGS & BACKWALL) 22.0 CY TOTAL CLASS A CONCRETE 79.1 CY

CONST. JT. 2"MIN.CL. 6-#4 B7 6-#9 B5 2"CL.(TYP.) 1-#4 B2 (EA.FACE) SECTION B-B



CAP - TIEBACK DETAIL

\_\_4.2 K/FT

PROJECT NO. I-5987B ROBESON COUNTY STATION: 29+51.04 -Y1B-

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUBSTRUCTURE

END BENT 2

(W)WGI <sub>®</sub>	
5640 Dillard Drive, Suite 200 Cary, NC 27518	
LICENSURE NO. C-4434	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED							
LICENSURE NO. C-4434	3/21/2022						
Cdi y, NC 27518	WALLE OF THE PARTY						

SHEET NO. REVISIONS S7-33 NO. BY: DATE: DATE: BY: TOTAL SHEETS

2022			(-	TIEBACKS	NOT	SHOWN	FOR	CLARITY)
21/	DRAWN BY: CHECKED BY: DESIGN ENGINE	T.BANKOVICH D.A.SEALEY ER OF RECORD:	D.A. SEALEY	_ DATE: _ _ DATE: _ _ DATE: _	3-22 3-22 3-22	_ _ _		

BID FOR THE SEVERAL PAY ITEMS. TEMPORARY DRAINAGE AT END BENT 1'-0" 1-#4 K1 (EA. FACE) -#4 U2 1-#4 K1 (EA. FACE) 2"CL. 1-#4 K1 (EA. FACE) FILL FACE → 1-#4 K1 (EA. FACE) 1'-0" 1-#4 K1 (EA. FACE) - ▲ ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS CONST. JT. ARE TAKEN AT THIS POINT 1-#4 K1 (EA. FACE) *-*−+5 S4 6-#9 B5 2"CL. (TYP.) -4-#4 B4 @ 4"CTS. OVER PILES 1-#4 B2 (EA. FACE) 1-#4 B2 (EA.FACE) 1-#4 B2 (EA.FACE) · '9 5-#10 B1 3"HIGH B.B.-#4 S7 24″Ø 16 GAUGE GALVANIZED CORRUGATED STEEL SLEEVE 1'-0" 9" 1'-0" ← Q HP 12 X 53 VERTICAL STEEL PILE

1'-10" 4'-4"

SECTION A-A

2'-6"