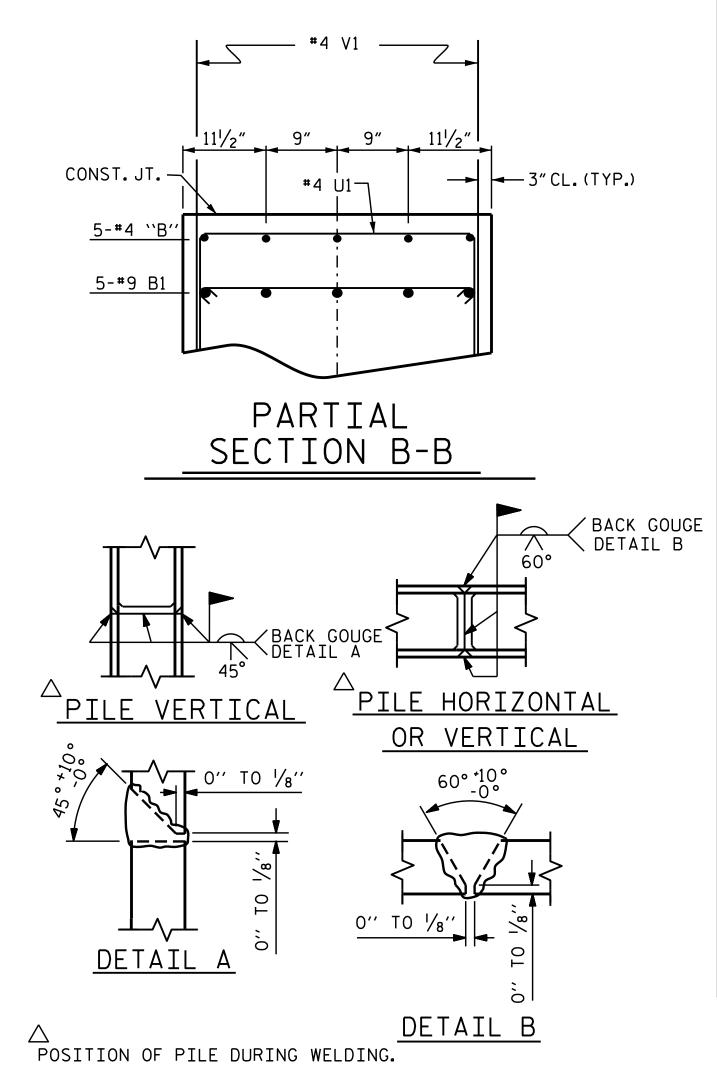


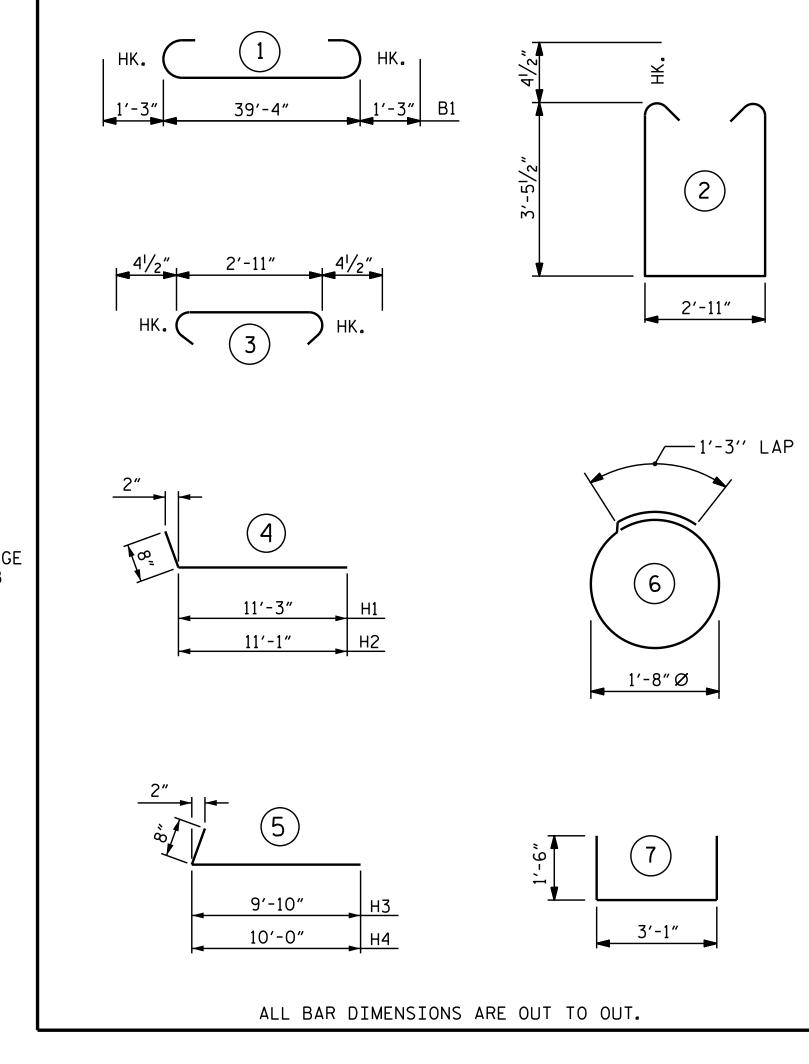
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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

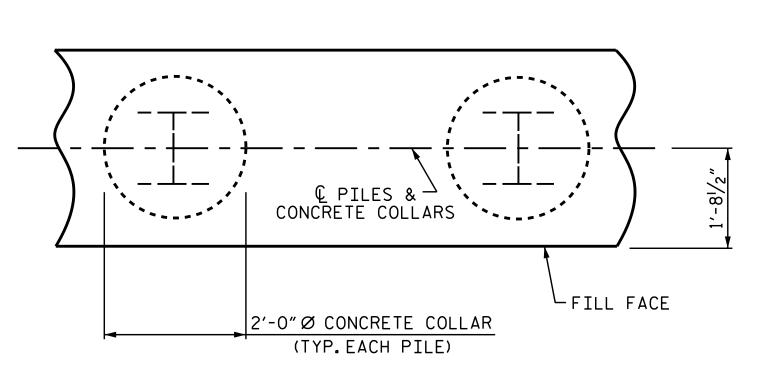




BAR TYPES

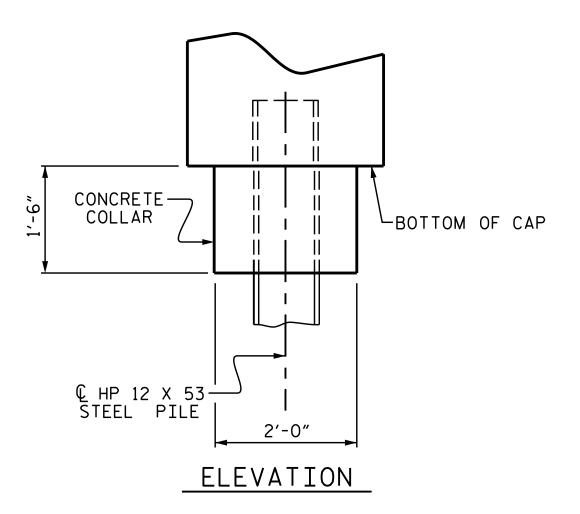
	BILL	_ OF	MA	ΓERIAL	
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
<b>∗</b> B1	9	#9	1	41'-7"	1272
<b>∗</b> B2	4	#9	STR	8'-9"	119
* B3	6	#5	STR	39'-5"	247
<b>∗</b> B4	10	#4	STR	2'-11"	19
<b>∗</b> B5	8	#4	STR	21'-1"	113
<b>∗</b> B6	10	#4	STR	6′-6″	43
<b>∗</b> B7	5	#4	STR	7′-0″	23
* H1	13	#5	4	11'-11"	162
* H2	13	<b>#</b> 5	4	11'-9"	159
* H3	12	#5	5	10′-6″	131
* H4	12	<b>#</b> 5	5	10'-8"	134
* K1	24	#4	STR	3'-4"	53
* S1	42	#4	2	10'-7"	297
* S2	42	#4	3	3′-8″	103
* S3	20	#4	6	6′-6″	87
* U1	15	#4	7	6'-1"	61
* V1	58	#4	STR	5′-0″	194
* V2	32	#4	STR	8'-2"	175
* V3	30	#4	STR	7′-5″	149
*EPOXY COATED REINFORCING STEEL = 3541 LBS					
POUR (CAP, 6 & LOV POUR	CONC.CO VER PAR #2	OLLARS RT OF	WINGS	) ——= 2	
(UPPER PART OF WINGS) = 4.0 C.Y.					
			<u> </u>	AL = 2	9.8 C.Y.
	X 53 S			LIN F	T. 325
					020
PILE REDRIVES EA. 5					

## PILE SPLICE DETAILS



CORROSION PROTECTION FOR STEEL PILES DETAIL

<u>PLAN</u>



BRUNSWICK COUNTY 369+42.00 -L-STATION:\_

PROJECT NO. R-5021

STEEL PILE POINTS\_

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH

> SUBSTRUCTURE INTEGRAL END BENT 2 (WBL)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

26445 O NOINEER P. Korey Newton 1/20/2019

**REVISIONS** SHEET NO. S1-35 DATE: DATE: BY: TOTAL SHEETS STR. #1

Q. T. NGUYEN \_ DATE : <u>5/2/18</u> DRAWN BY : \_

20-JAN-2019 22:04 Z:\Structures\Plans\Str1\R-5021\_SMU\_ 01\_E\_090259.dgn

M.K.BEARD \_ DATE : <u>8/18</u> CHECKED BY : \_\_\_ DESIGN ENGINEER OF RECORD: A.K.PATEL \_ DATE : 1/10/19