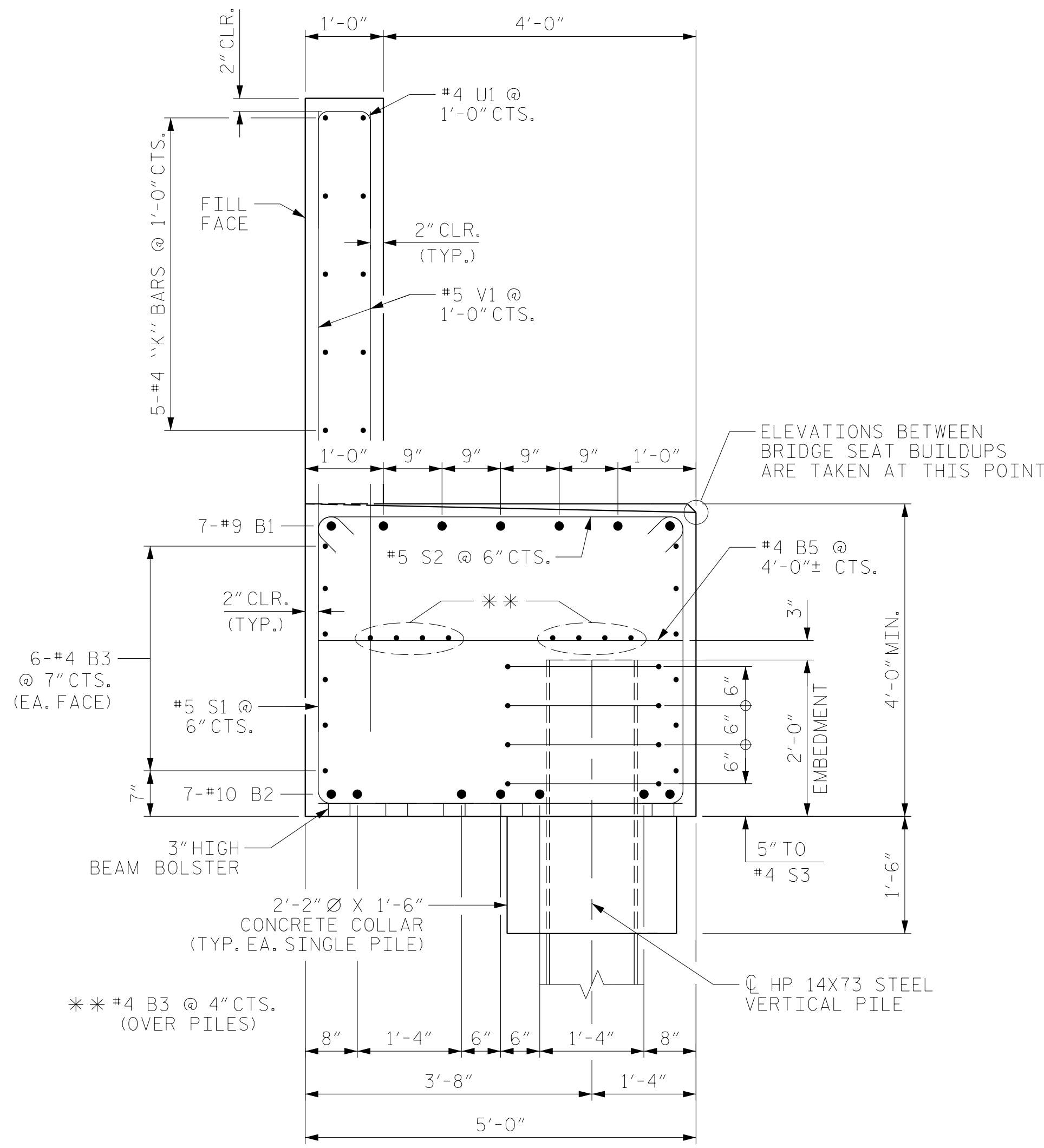


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

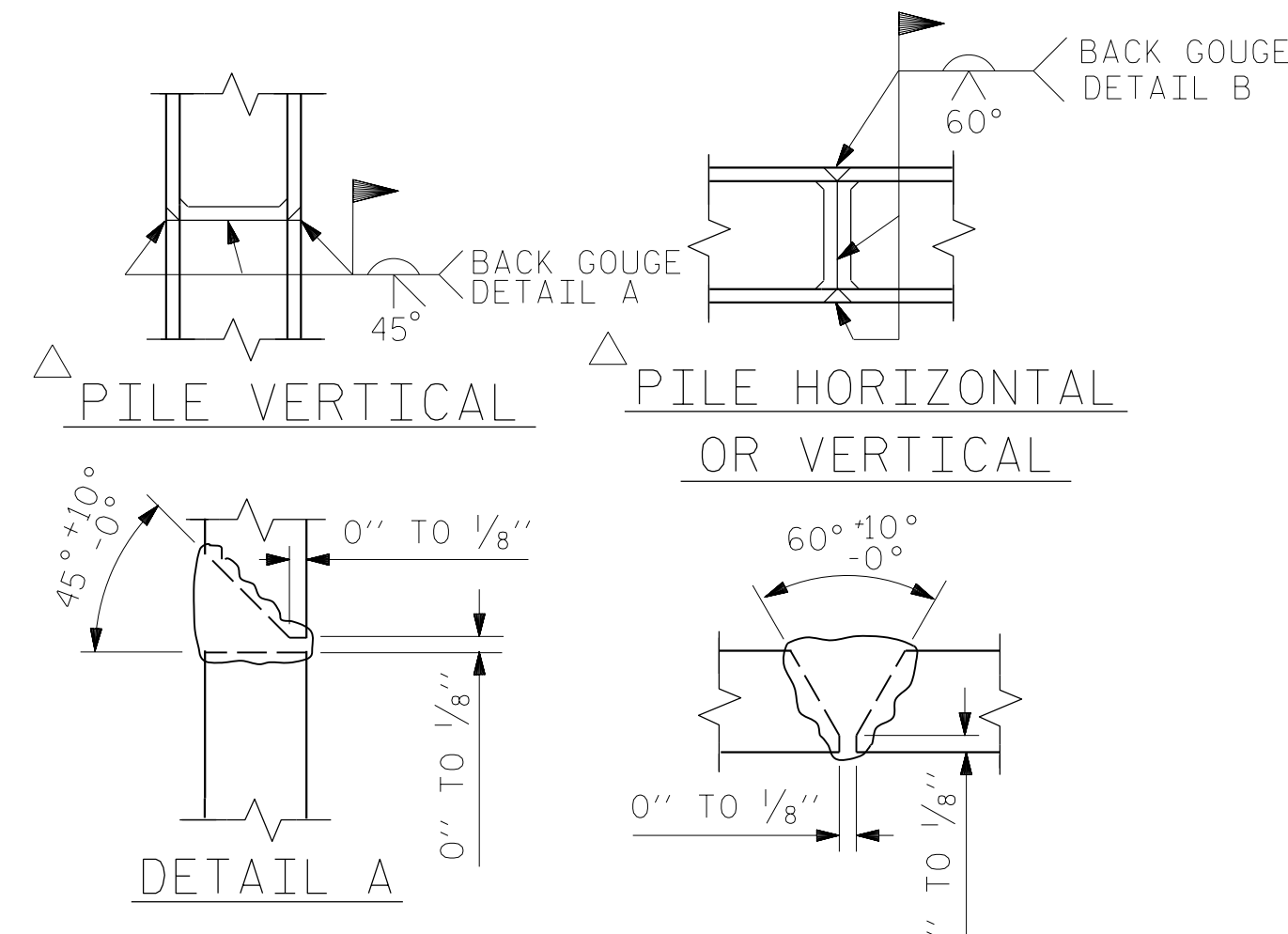
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

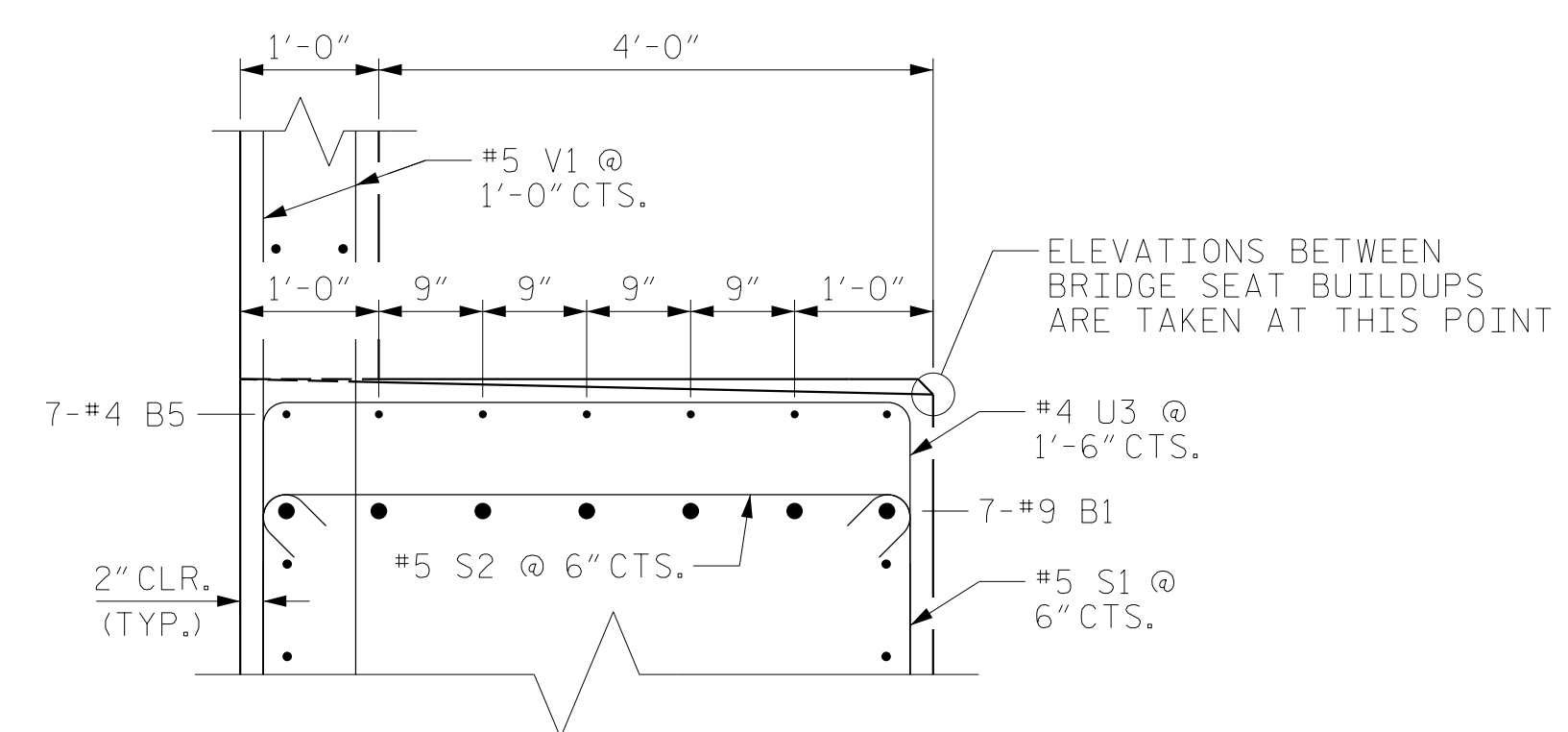


SECTION A-A

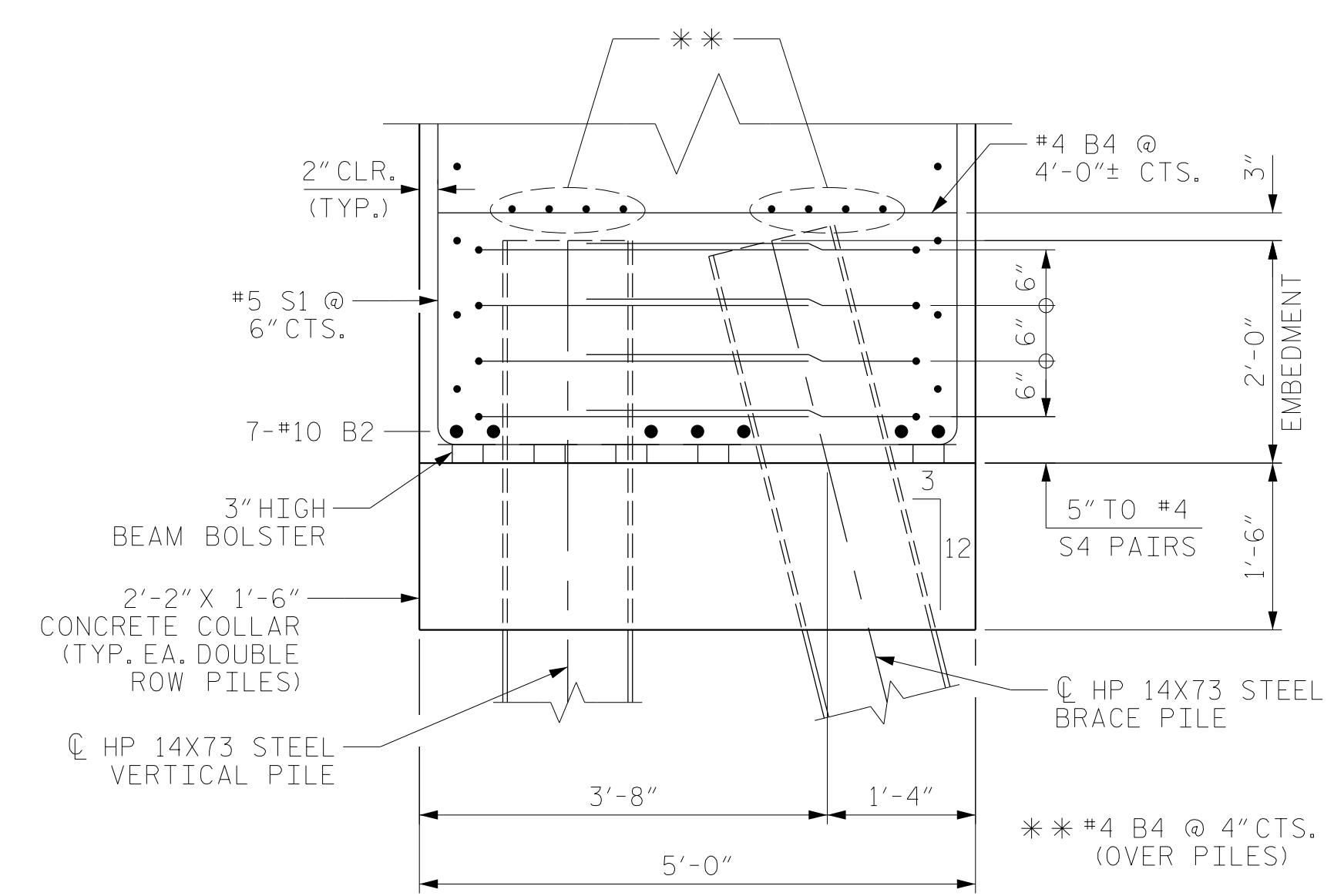


POSITION OF PILE DURING WELDING.

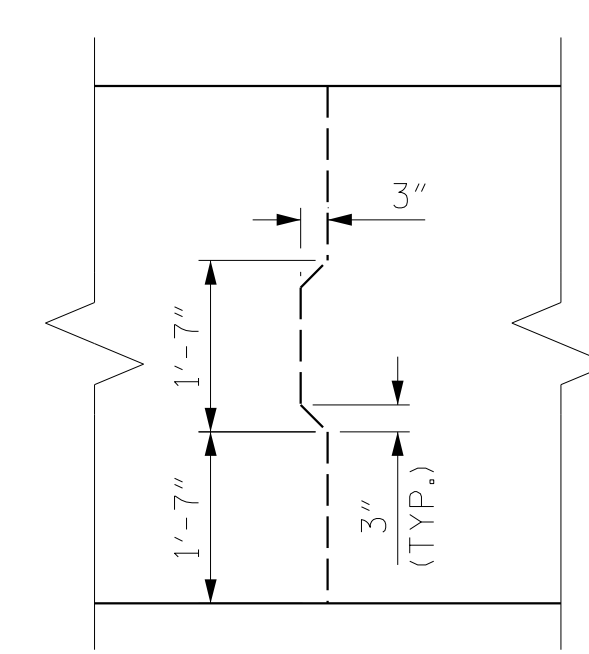
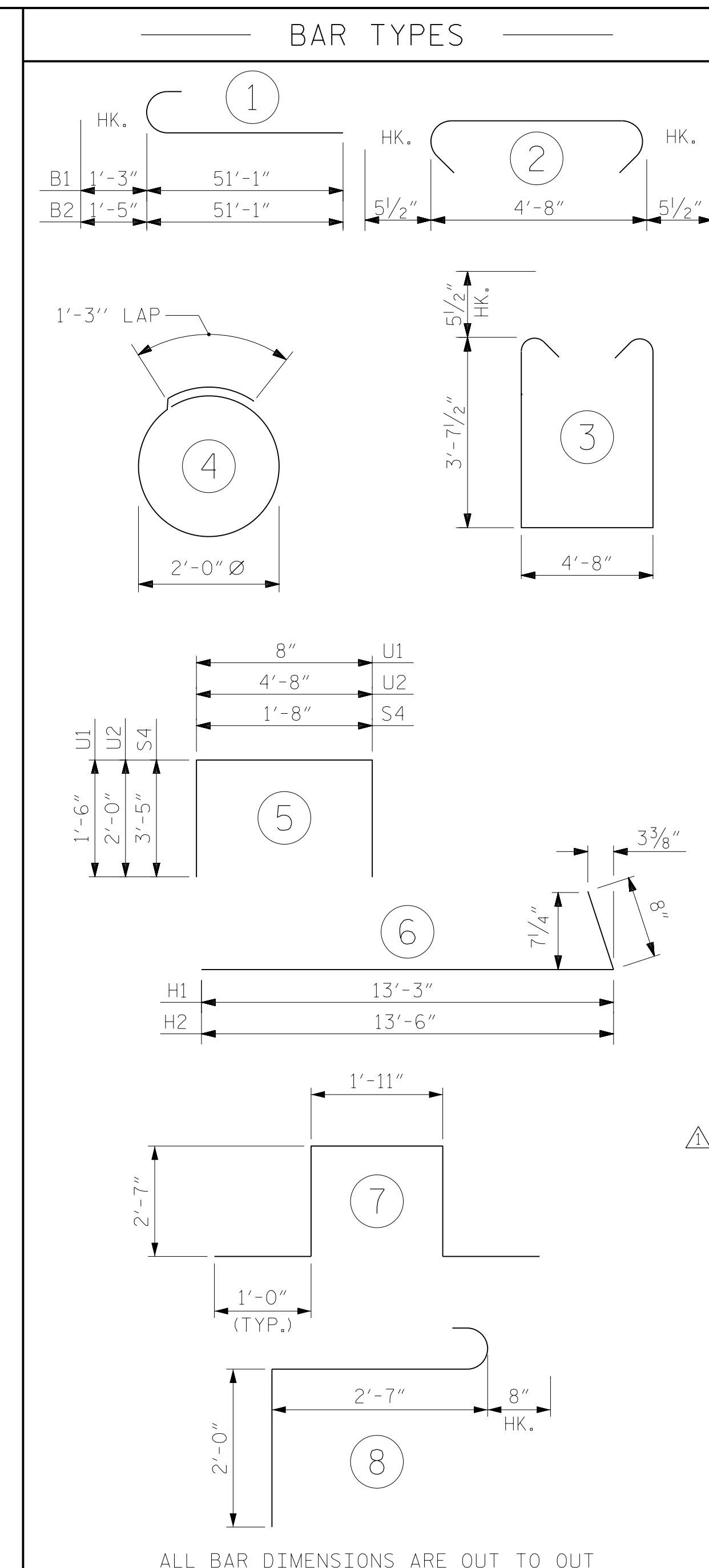
PILE SPLICE DETAILS



PARTIAL SECTION B-B



PARTIAL SECTION C-C



JOINT DETAIL
REINFORCING STEEL NOT SHOWN FOR CLARITY

BILL OF MATERIAL					
END BENT NO. 1					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	#9	1	52'-4"	1246	
B2	#10	1	52'-6"	1581	
B3	#4	STR	26'-9"	715	
B4	#4	STR	4'-8"	41	
B5	#4	STR	22'-11"	107	
B6	#4	STR	14'-8"	69	
H1	#4	6	13'-11"	121	
H2	#4	6	14'-2"	123	
K1	#4	STR	26'-10"	358	
K2	#4	STR	4'-3"	17	
S1	#5	3	12'-10"	1124	
S2	#5	2	5'-7"	489	
S3	#4	4	7'-7"	61	
S4	#4	5	8'-6"	182	
S5	#6	7	9'-1"	41	
S6	#6	8	5'-3"	24	
U1	#4	5	3'-8"	118	
U2	#4	5	8'-8"	139	
V1	#5	STR	8'-6"	780	
V2	#5	STR	11'-4"	520	
REINFORCING STEEL				7,856 LBS.	
CLASS A CONCRETE					
POUR #1 CAP, COLLARS AND LOWER PART OF WING				52.0 C.Y.	
POUR #2 UPPER PART OF WING AND BACKWALL				15.3 C.Y.	
TOTAL CLASS A CONCRETE				67.3 C.Y.	
HP 14 X 73 STEEL PILES NO. 12				720.0 LIN. FT.	
PILE DRIVING EQUIPMENT SETUP FOR HP 14X73 STEEL PILES				NO. 12	
PILE REDRIVES (FOR ONE END BENT)				NO. 6	

PROJECT NO. U-5798A
CUMBERLAND COUNTY
STATION: 76+80.00 -L-

SHEET 3 OF 3



DRAWN BY : NSC DATE : 03/2020
CHECKED BY : MKO DATE : 04/2021
DESIGN ENGINEER OF RECORD: RLB DATE : 09/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISD HP 14X73 STEEL PILE COUNT AND LENGTH