

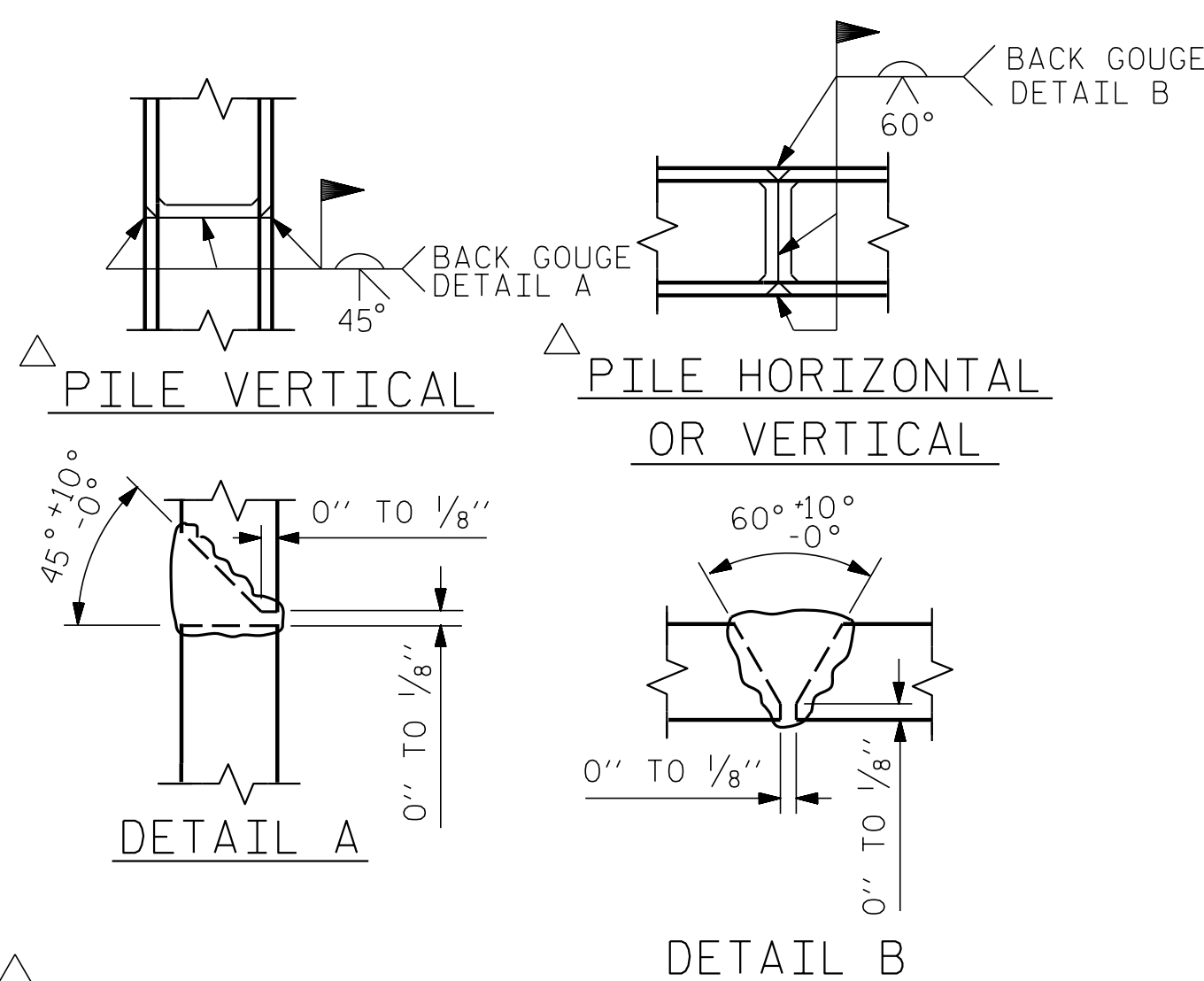
MINIMUM OF 3- ONE CUBIC FOOT BAGS OF #78M STONE. BAGS SHALL BE OF POROUS FABRIC, SECURELY TIED.

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.

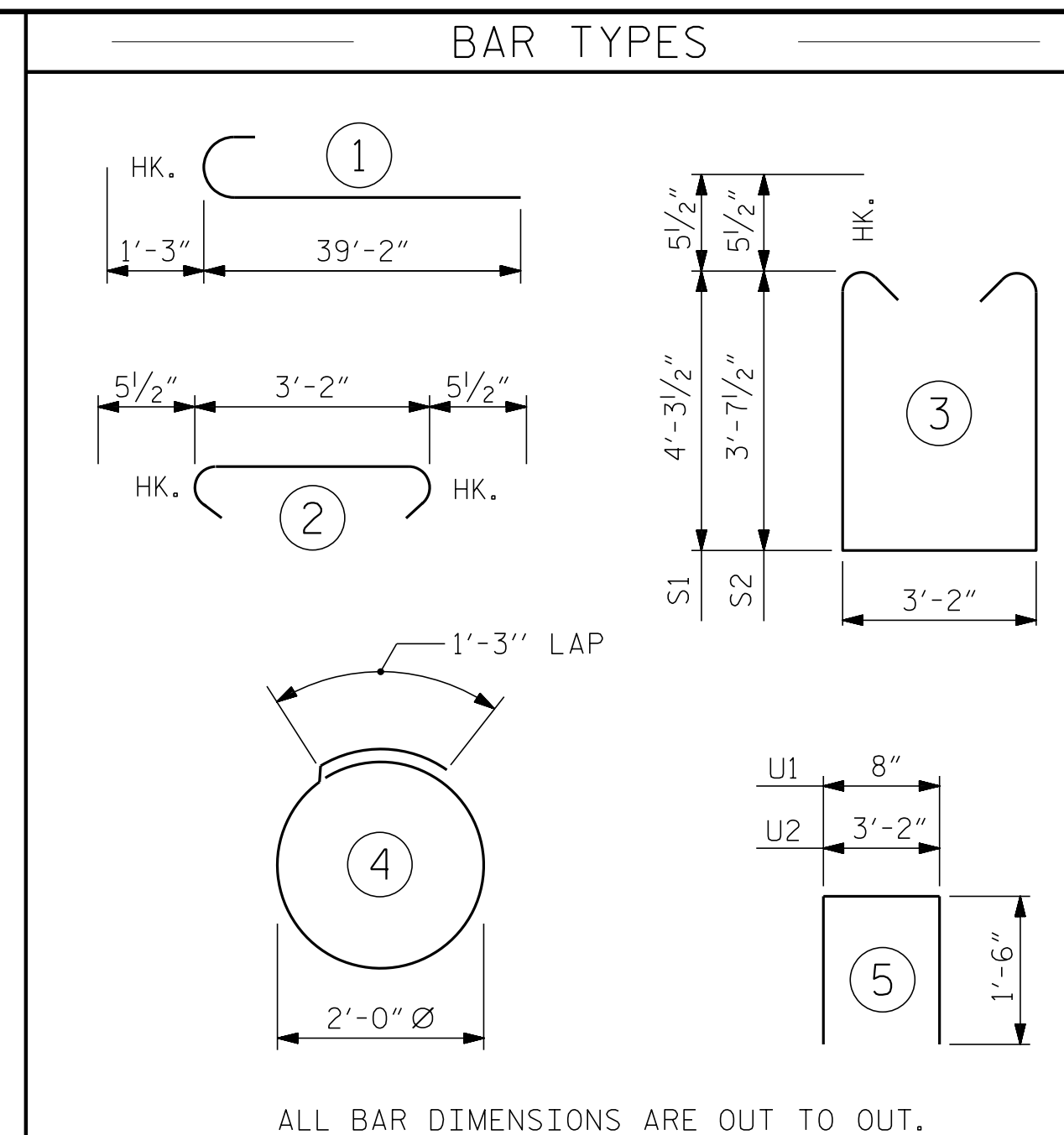
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



POSITION OF PILE DURING WELDING.

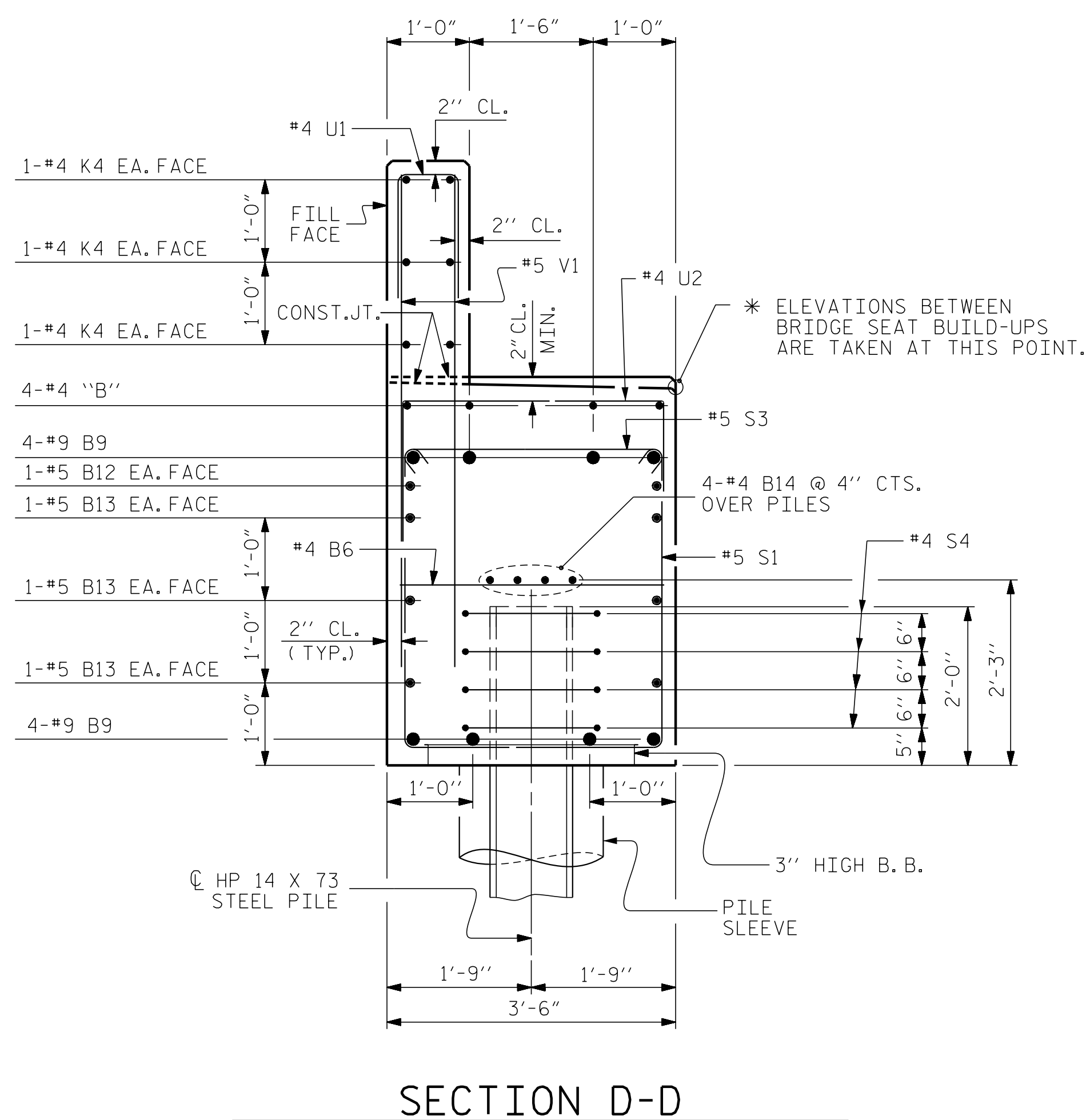
PILE SPLICE DETAILS



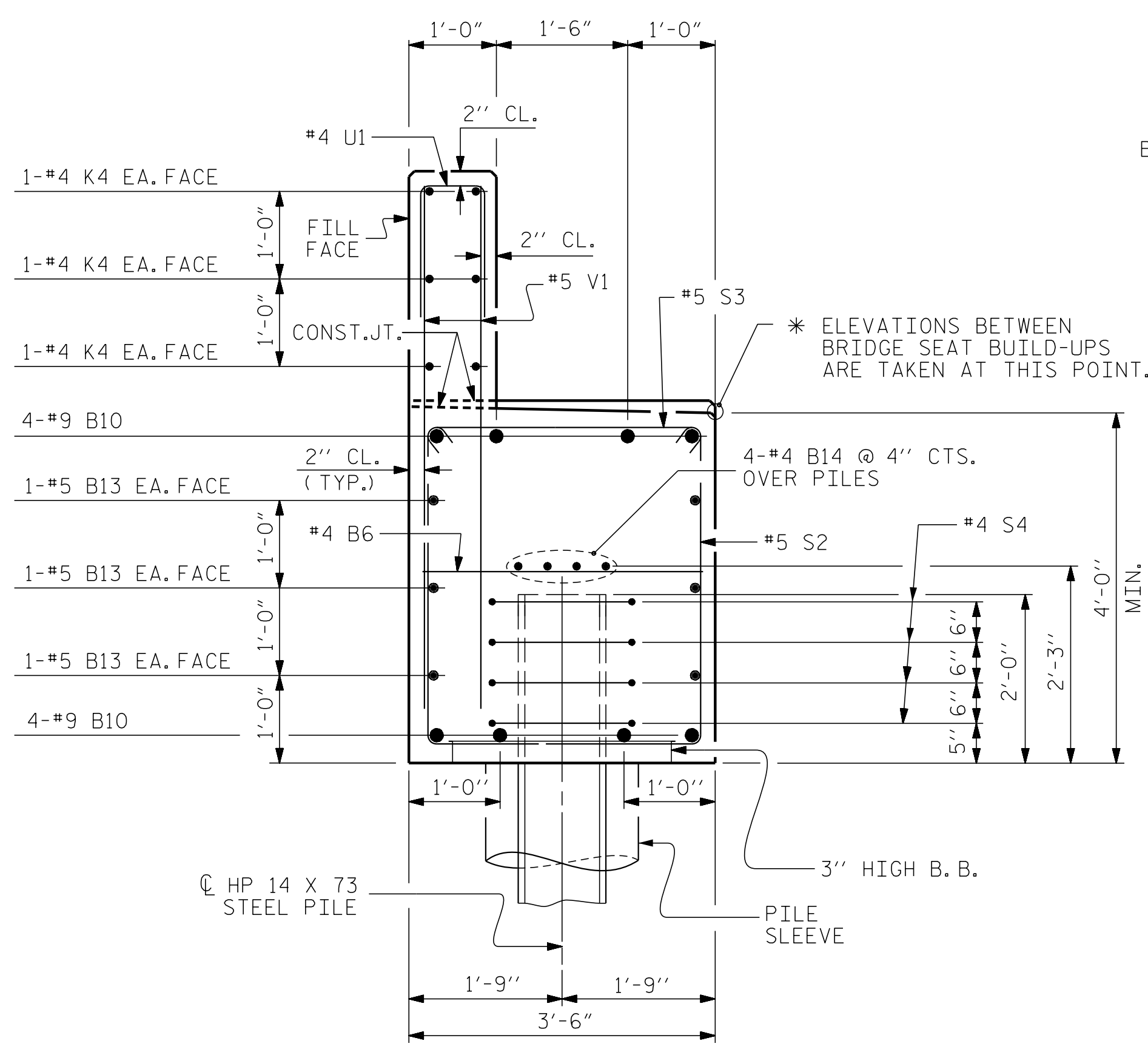
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
END BENT No. 1					
STAGE II					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B6	19	#4	STR	3'-2"	40
B7	12	#4	STR	4'-11"	39
B8	8	#4	STR	9'-4"	50
B9	8	#9	STR	33'-4"	907
B10	8	#9	1	40'-5"	1,099
B11	4	#9	STR	7'-6"	102
B12	2	#5	STR	26'-6"	55
B13	12	#5	STR	36'-1"	452
B14	8	#4	STR	35'-9"	191
K2	14	#4	STR	5'-9"	54
K4	12	#4	STR	37'-4"	299
S1	59	#5	3	12'-8"	779
S2	58	#5	3	11'-4"	686
S3	117	#5	2	4'-1"	498
S4	28	#4	4	7'-7"	142
U1	64	#4	5	3'-8"	157
U2	26	#4	5	6'-2"	107
V1	128	#5	STR	6'-6"	868
V3	18	#5	STR	7'-11"	149

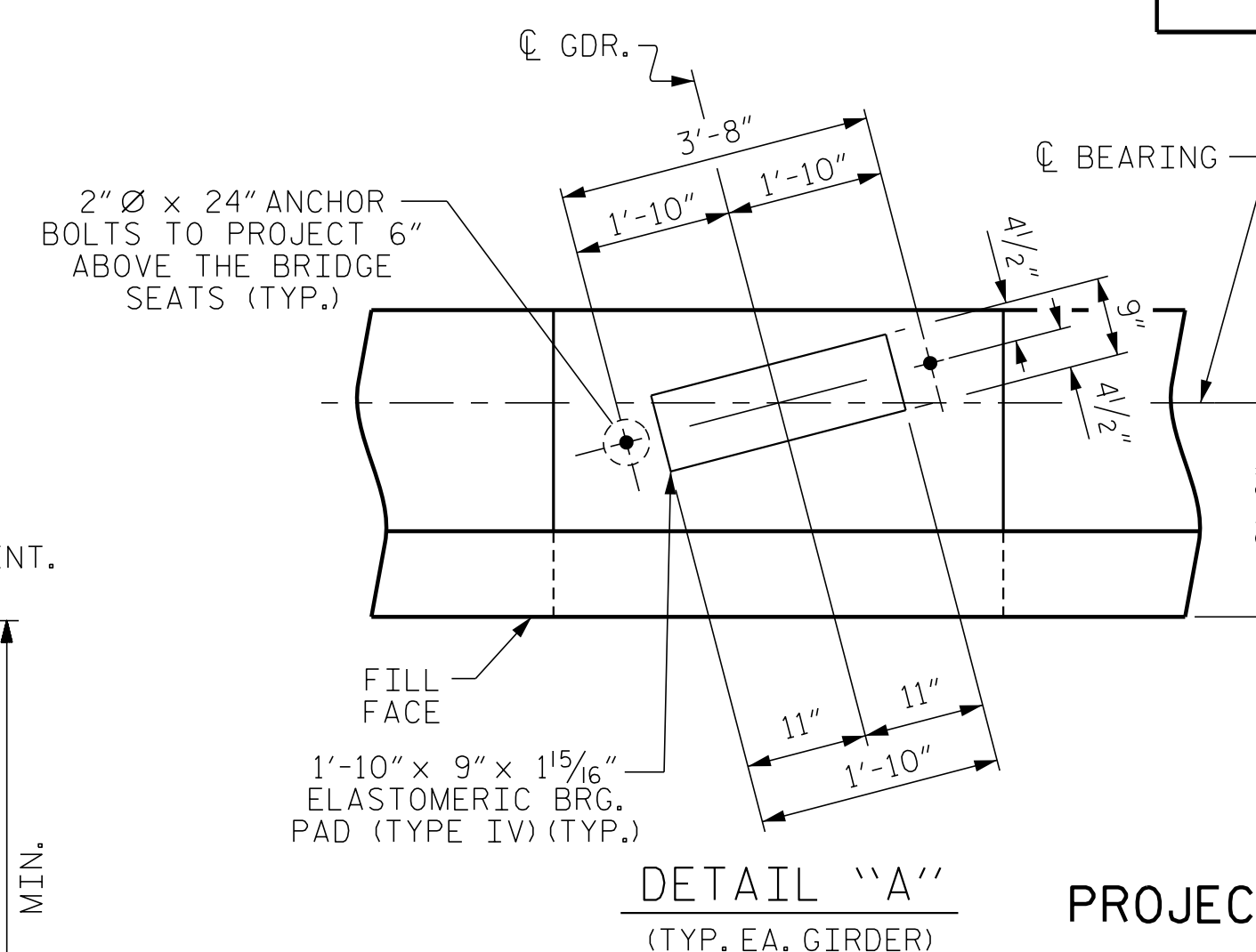
REINFORCING STEEL	6,674 LBS.
CLASS A CONCRETE BREAKDOWN	
POUR #3 CAP AND LOWER PORTION OF EARWALL	42.2 C.Y.
POUR #4 UPPER PORTION OF EARWALL AND BACKWALL	8.4 C.Y.
TOTAL CLASS A CONCRETE	50.6 C.Y.



SECTION D-D



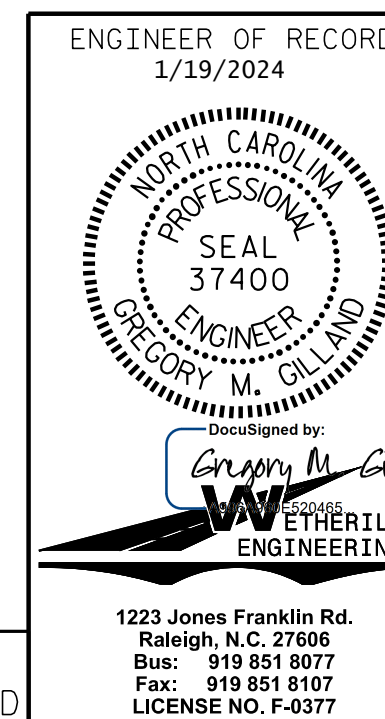
SECTION C-C



DETAIL "A"
(TYP. EA. GIRDER)

PROJECT NO. HB-0004
HAYWOOD COUNTY
STATION: 254+73.75 -L-

SHEET 3 OF 3



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUBSTRUCTURE
END BENT No. 1
(RIGHT LANE)
(STAGE II)

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S2-23
2			4			TOTAL SHEETS 58

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PA:2023\2312401-HB-0004-Structures\03\HB-0004 (LEFT LANE)\HB0004-LEFT-EB.dgn
 1/19/2024 7:10:40 AM

DRAWN BY: D. HODGE DATE: 8/23
 CHECKED BY: G. GILLAND DATE: 9/23