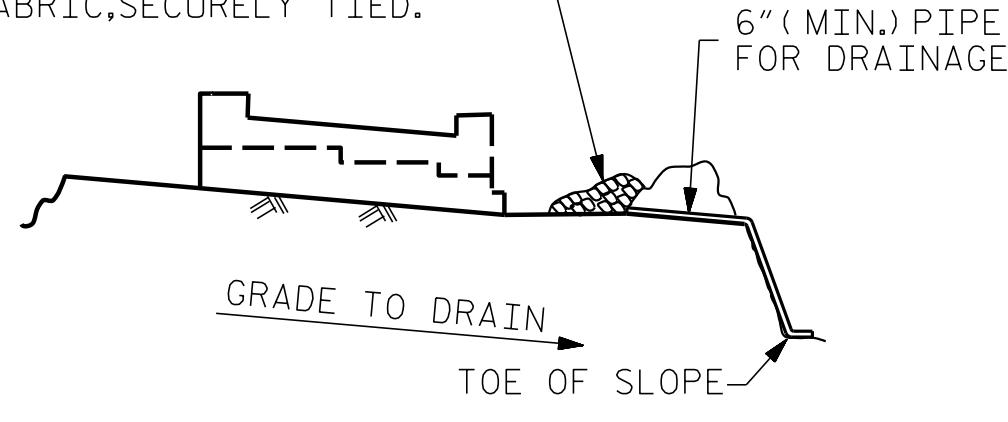


MINIMUM OF 3- ONE CUBIC FOOT BAGS OF #78M STONE. BAGS SHALL BE OF POROUS FABRIC, SECURELY TIED.

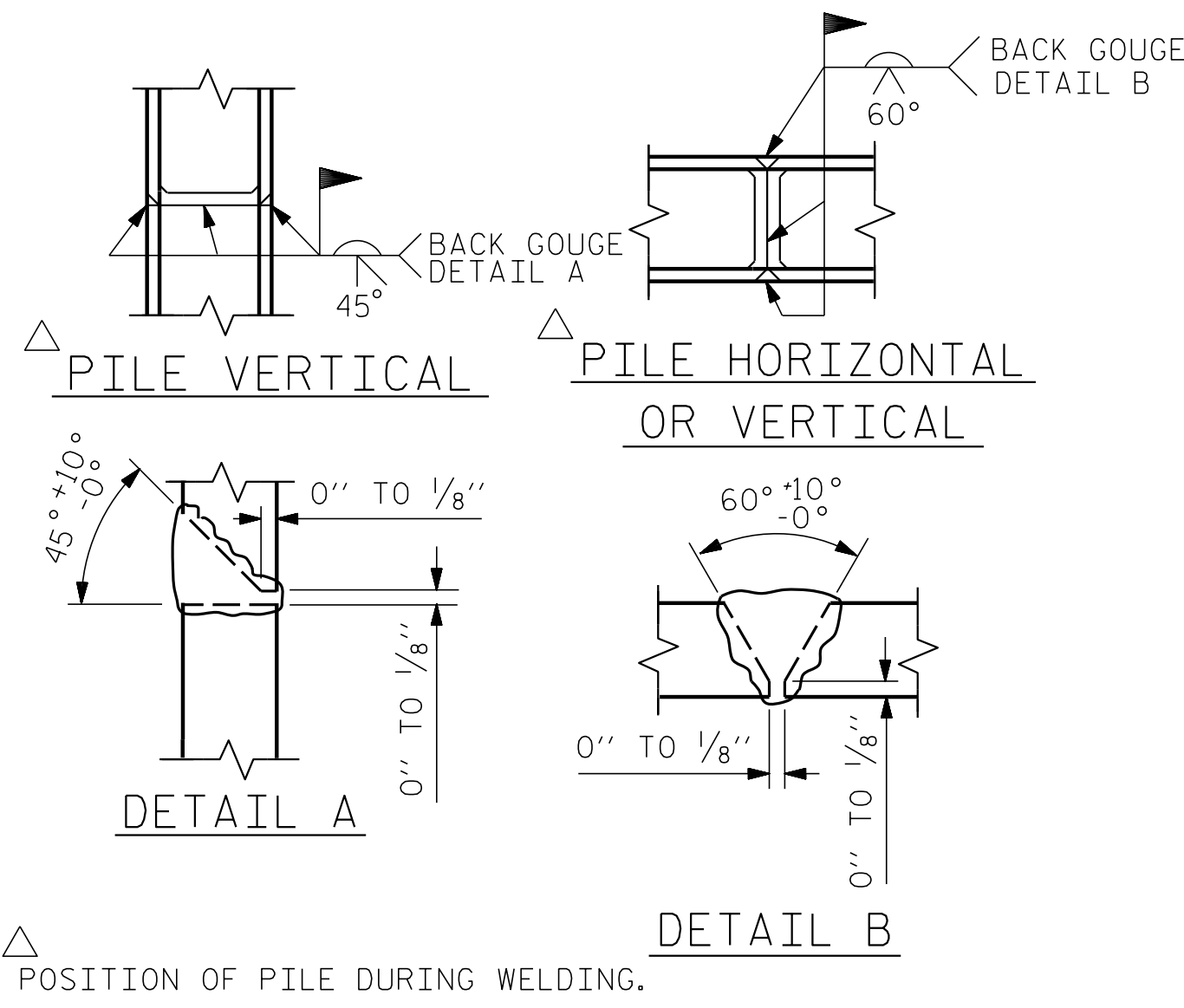


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

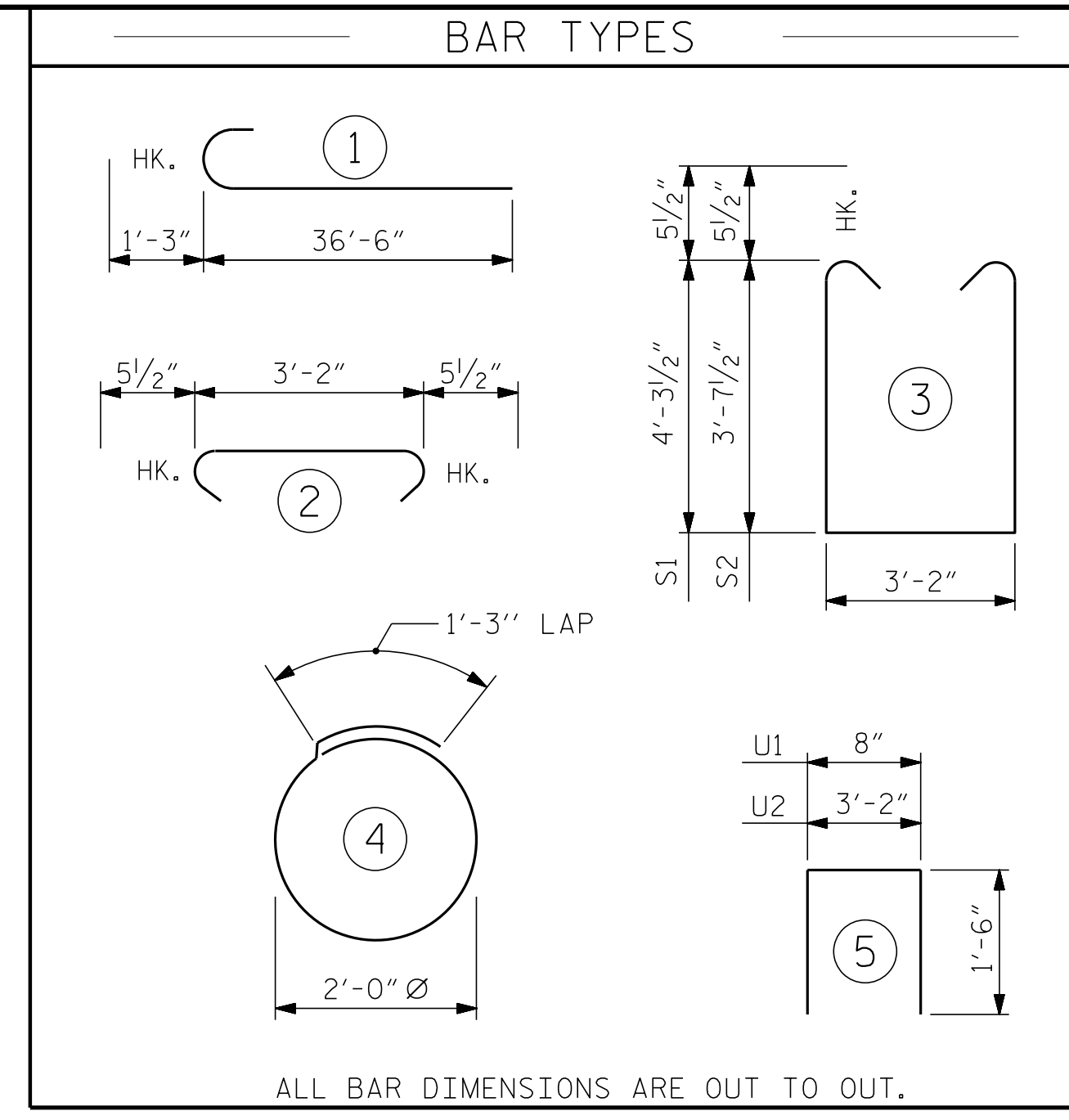
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

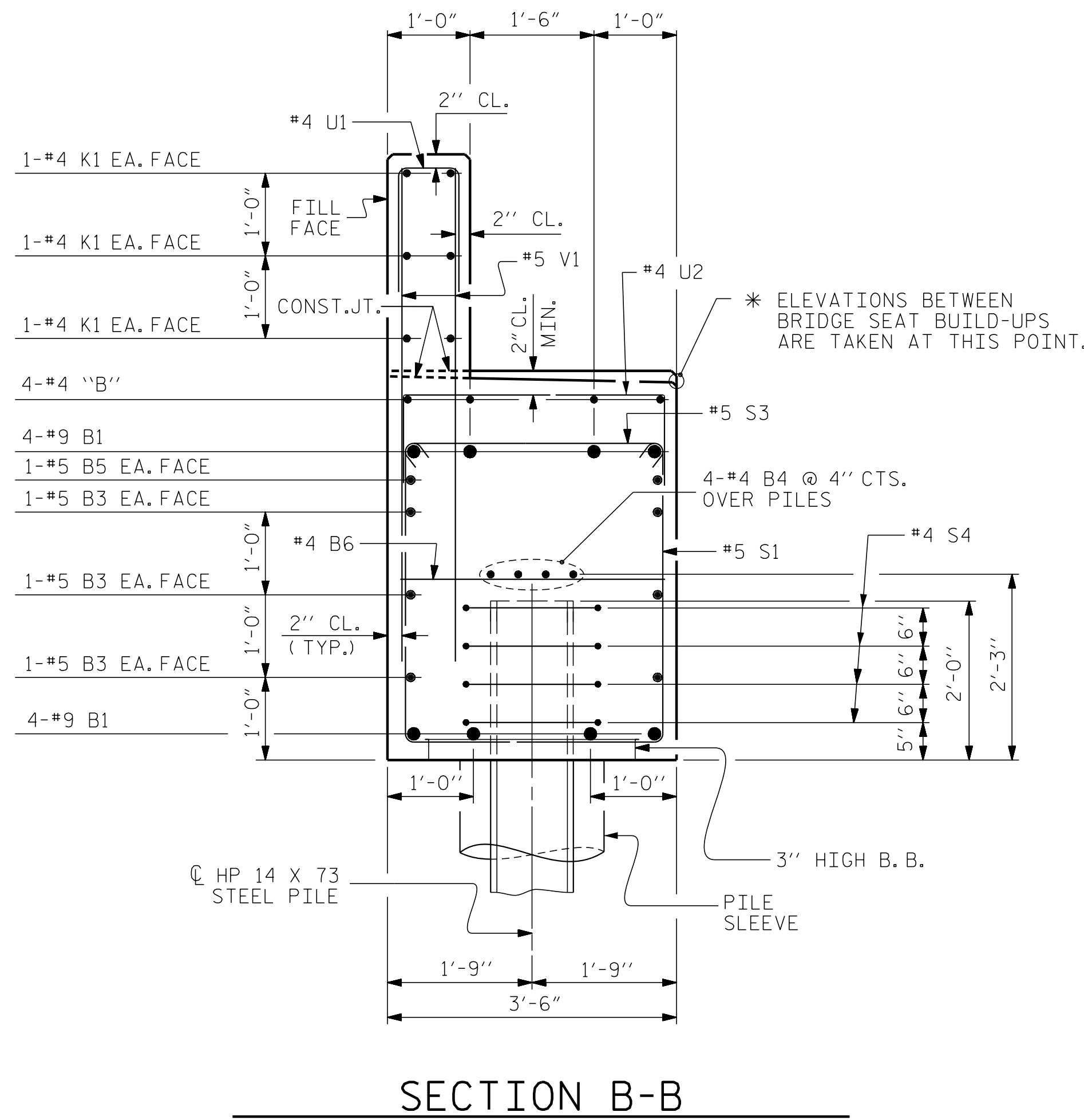


PILE SPLICE DETAILS

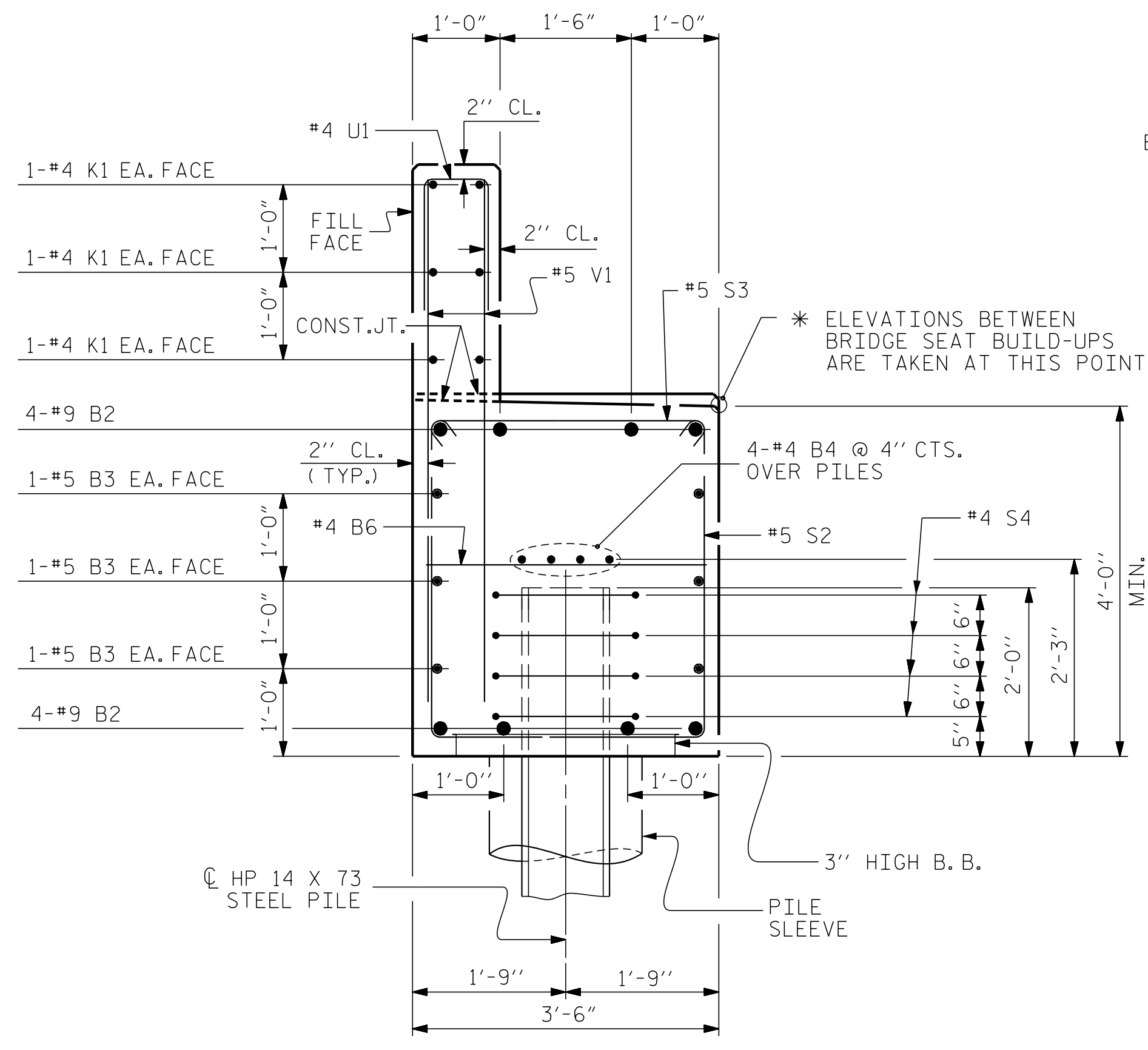


ALL BAR DIMENSIONS ARE OUT TO OUT.

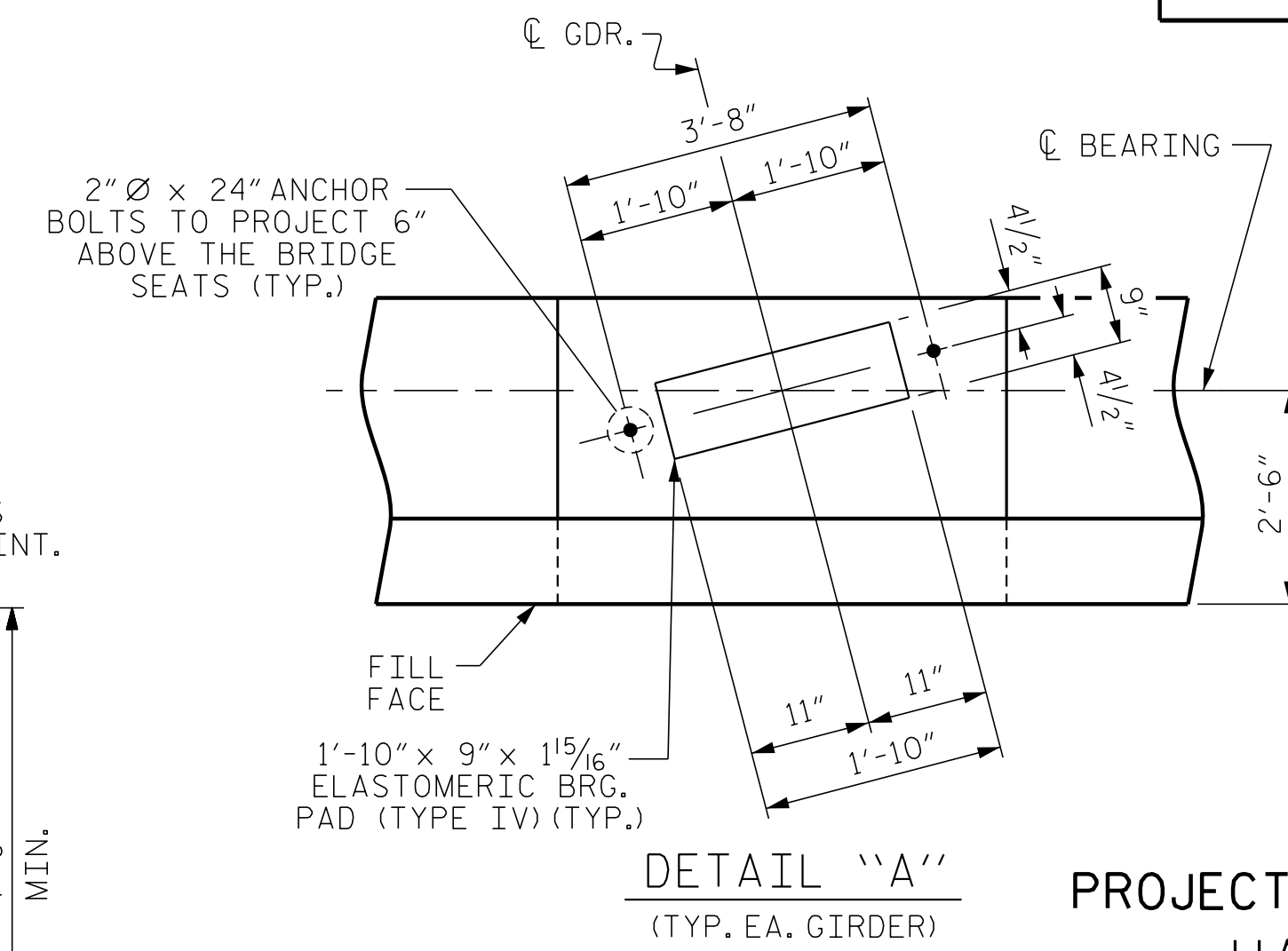
BILL OF MATERIAL					
END BENT No. 1					
STAGE I					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9		37'-9"	1,027
B2	8	#9	STR	42'-0"	1,142
B3	12	#5	STR	39'-8"	496
B4	8	#4	STR	38'-2"	204
B5	2	#5	STR	34'-3"	71
B6	19	#4	STR	3'-2"	40
B7	8	#4	STR	4'-11"	26
B8	12	#4	STR	9'-4"	75
K1	12	#4	STR	39'-5"	316
K2	16	#4	STR	5'-9"	61
K3	6	#4	STR	6'-7"	26
S1	63	#5	3	12'-8"	832
S2	60	#5	3	11'-4"	709
S3	123	#5	2	4'-1"	524
S4	32	#4	4	7'-7"	162
U1	64	#4	5	3'-8"	157
U2	29	#4	5	6'-2"	119
V1	128	#5	STR	6'-6"	868
V2	14	#5	STR	9'-3"	135
V3	12	#5	STR	7'-11"	99
REINFORCING STEEL					7,089 LBS.
CLASS A CONCRETE BREAKDOWN					
POUR #1 CAP AND LOWER PORTION OF EARWALL					48.1 C.Y.
POUR #2 UPPER PORTION OF EARWALL AND BACKWALL					8.6 C.Y.
TOTAL CLASS A CONCRETE					56.7 C.Y.



SECTION B-B



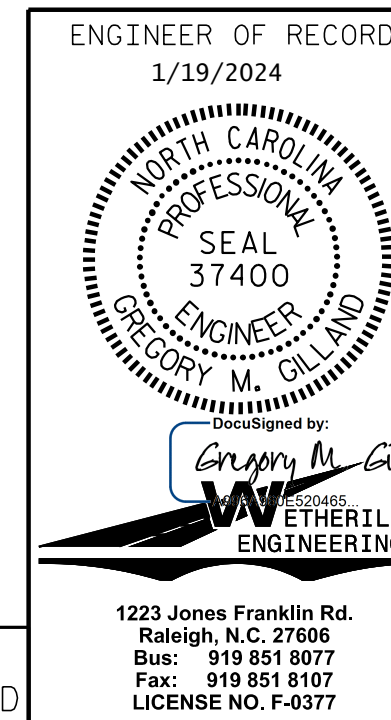
SECTION A-A



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
 (LEFT LANE)
 (STAGE I)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-23
1			3			TOTAL SHEETS 58
2			4			

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

P:\2023\2312401_HB-0004_Structures\03\HB-0004 (LEFT LANE)\HB0004-LEFT-EB.dgn
 1/18/2024 4:56:10 PM

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