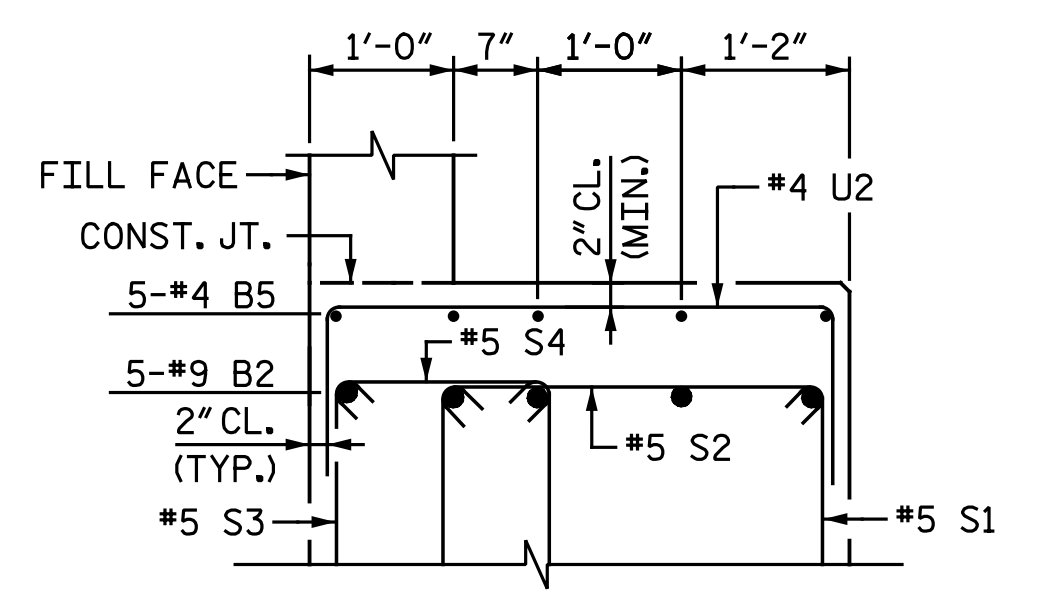
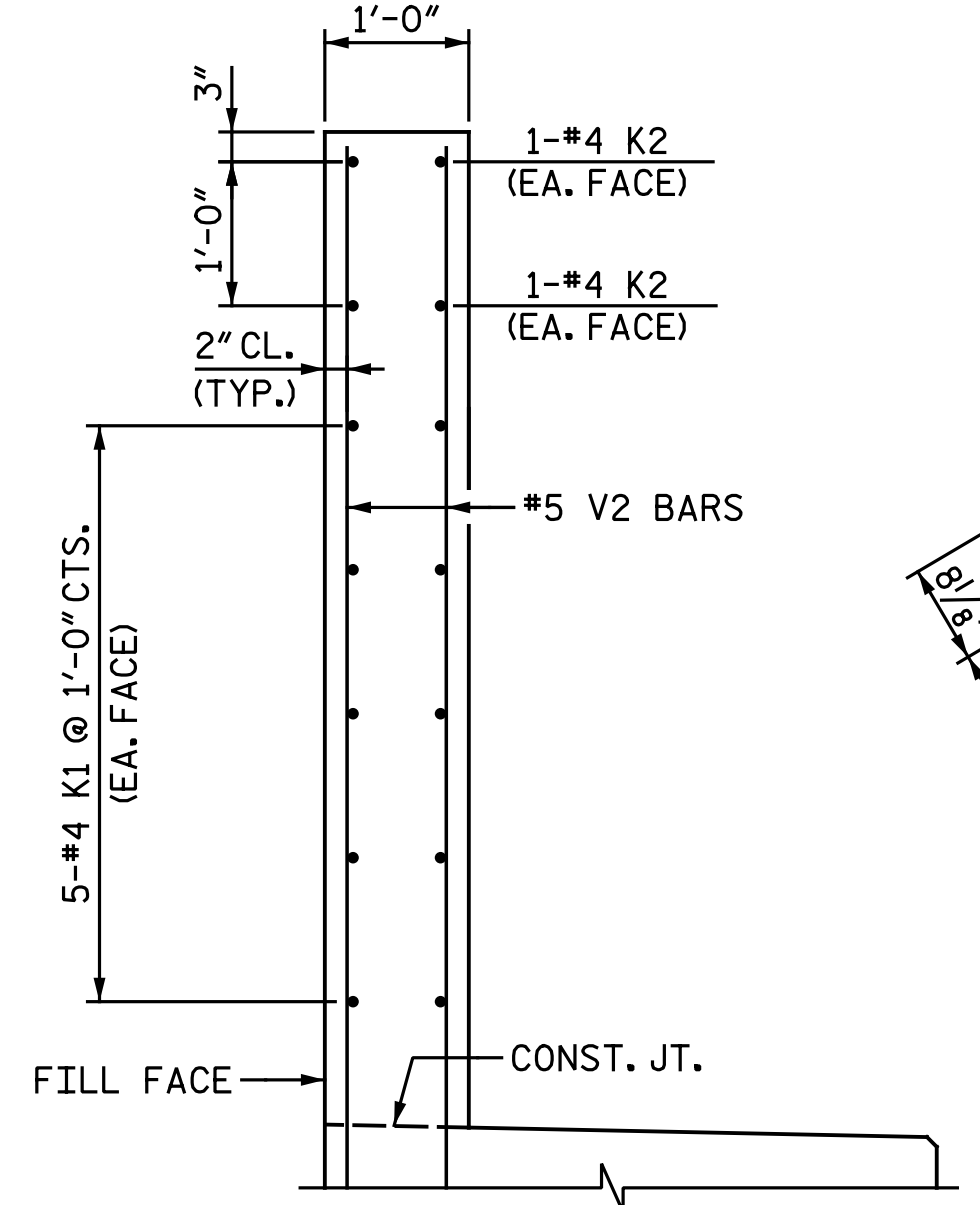


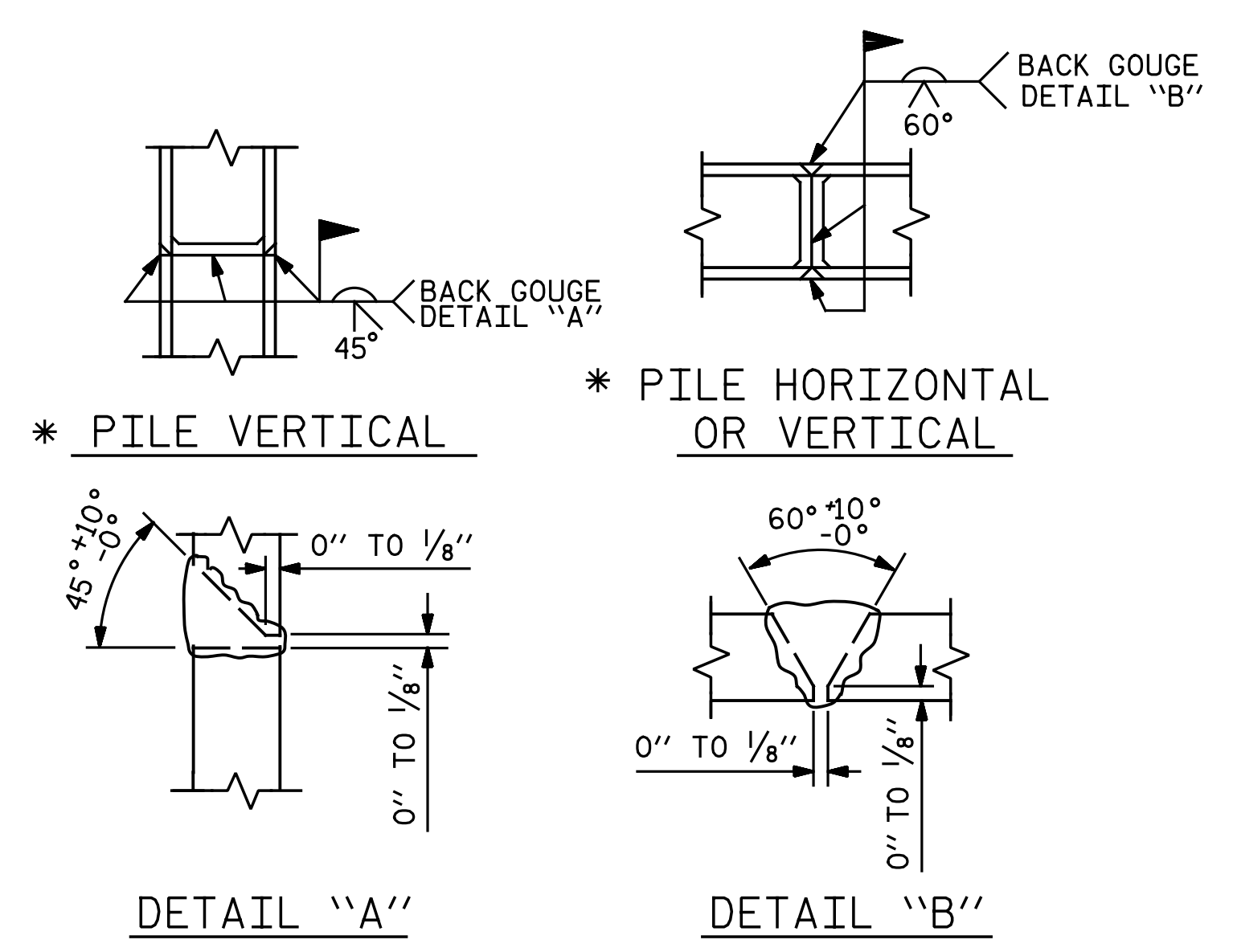
SECTION A-A



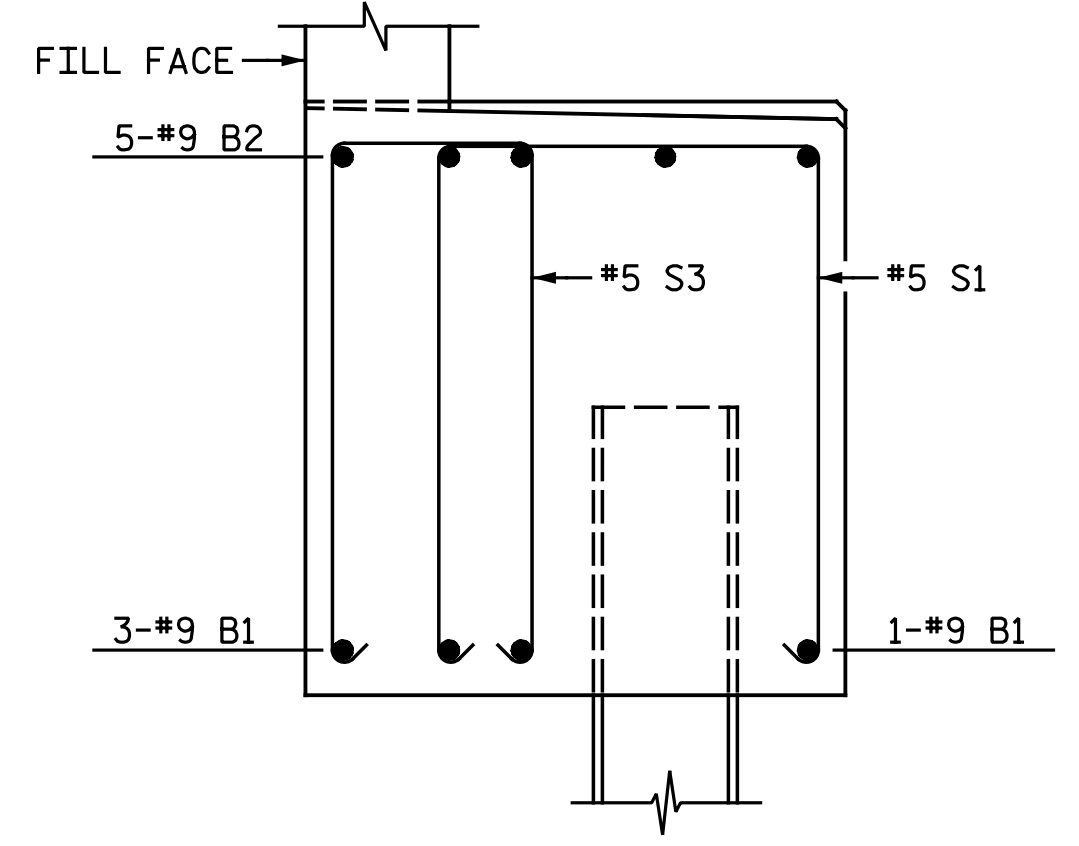
PARTIAL SECTION B-B
V1 BARS NOT SHOWN FOR CLARITY.



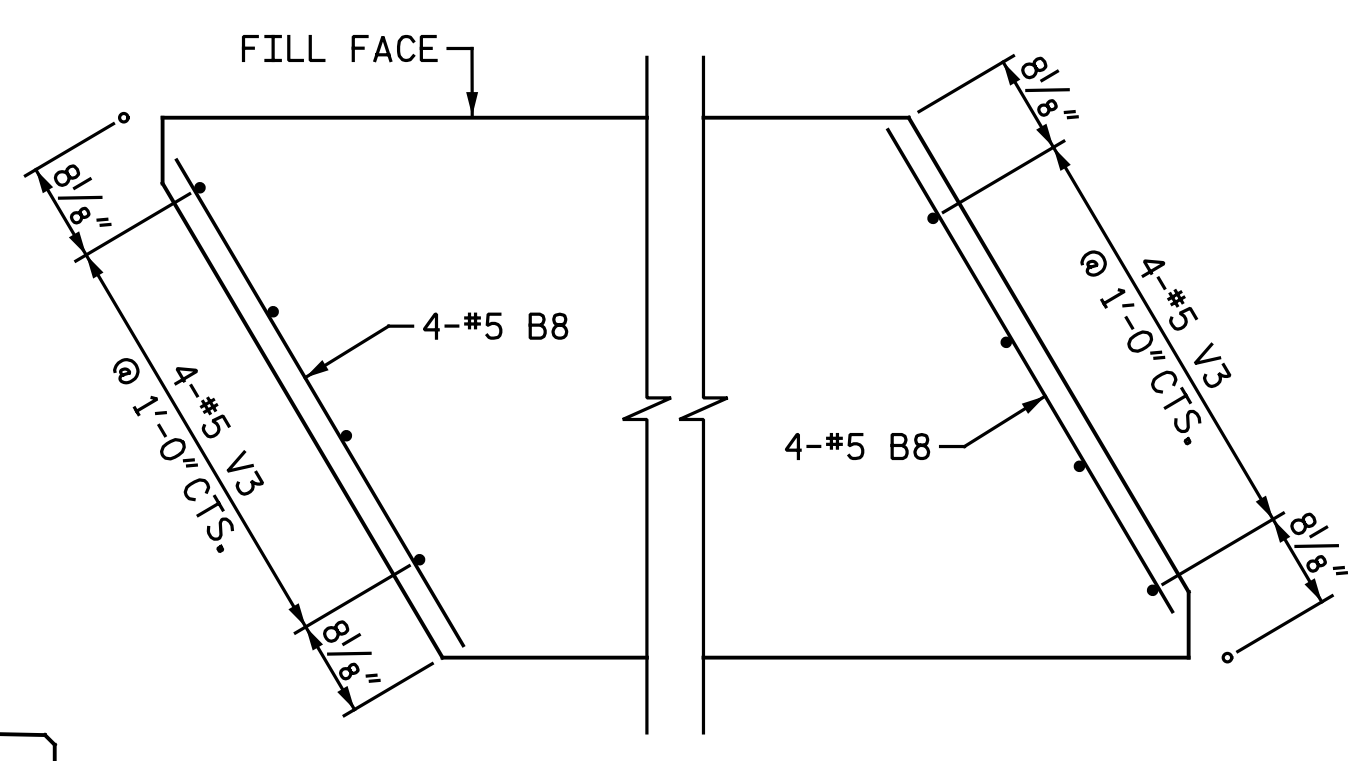
PARTIAL SECTION D-D



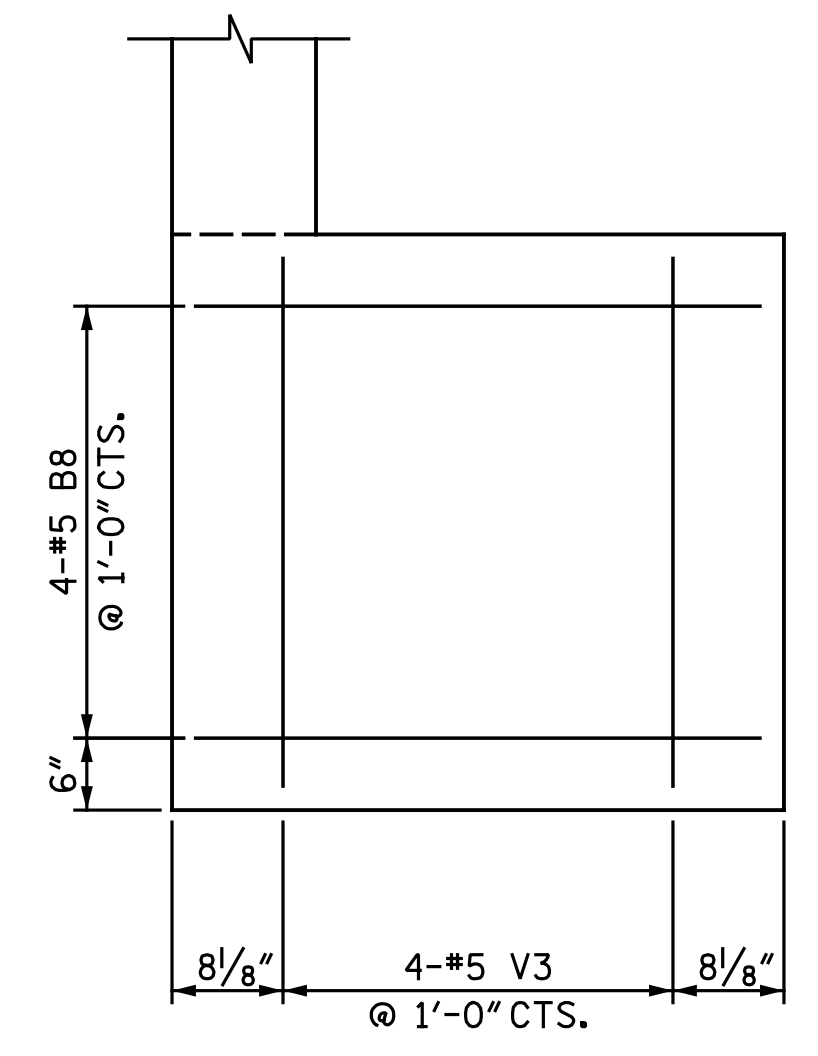
PILE SPLICE DETAILS
* POSITION OF PILE DURING WELDING.



PARTIAL SECTION C-C
ONLY B1, B2, S1 & S3 BARS SHOWN FOR CLARITY.

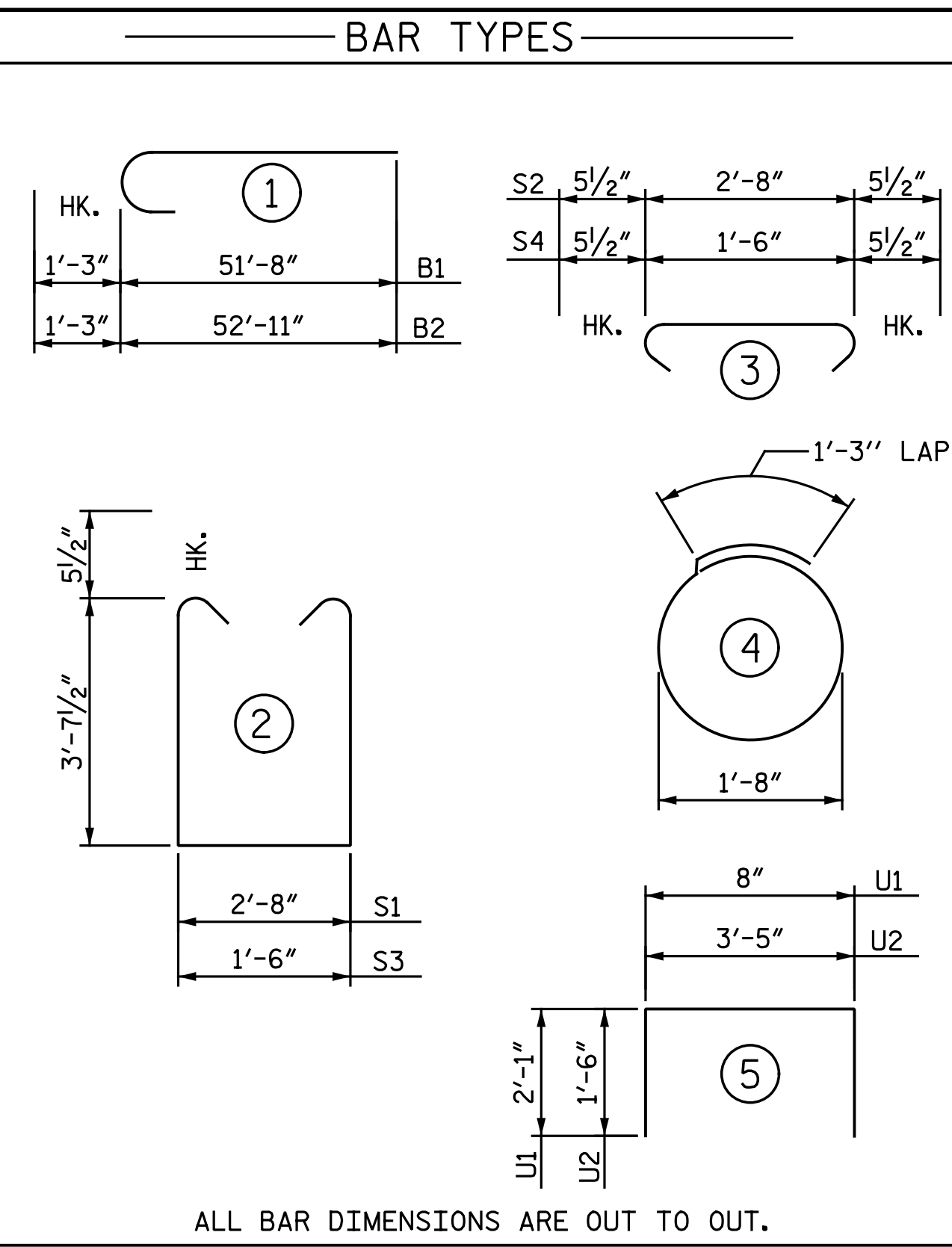


PLAN



END VIEW

END OF CAP



NOTE:
FOR MSE REINFORCING STRAP DETAIL,
SEE "END BENT 1 DETAILS" SHEET.

ALL BAR DIMENSIONS ARE OUT TO OUT.

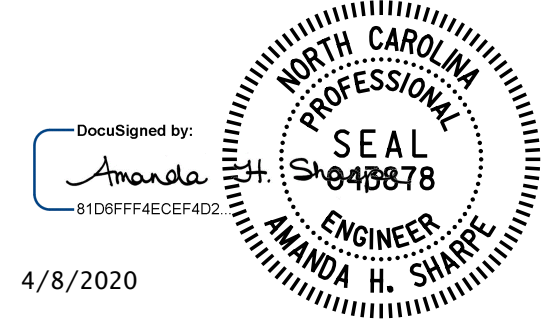
BILL OF MATERIAL

END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9		52' - 11"	1,439
B2	10	#9		54' - 2"	1,842
B3	40	#5	STR.	50' - 0"	2,086
B4	12	#4	STR.	34' - 0"	273
B5	5	#4	STR.	13' - 0"	43
B6	20	#4	STR.	10' - 0"	134
B7	24	#4	STR.	3' - 5"	55
B8	8	#5	STR.	3' - 8"	31
B9	10	#4	STR.	2' - 11"	19
D1	12	#6	STR.	3' - 6"	63
K1	30	#4	STR.	34' - 0"	681
K2	8	#4	STR.	18' - 3"	98
K3	16	#4	STR.	3' - 8"	39
S1	129	#5	2	10' - 10"	1,458
S2	114	#5	3	3' - 7"	426
S3	129	#5	2	9' - 8"	1,301
S4	114	#5	3	2' - 5"	287
S5	60	#4	4	6' - 6"	261
U1	60	#4	5	4' - 10"	194
U2	85	#4	5	6' - 5"	364
V1	120	#5	STR.	8' - 5"	1,053
V2	80	#5	STR.	8' - 1"	674
V3	8	#5	STR.	3' - 8"	31
REINFORCING STEEL				LBS. 12,852	
CLASS A CONCRETE					
POUR 1 - CAP				C.Y.	58.2
POUR 2 - BACKWALL & WINGS				C.Y.	19.6
TOTAL				C.Y.	77.8
PILE DRIVING EQUIPMENT SETUP					
FOR HP 12x53 STEEL PILES				EA.	15
HP 12x53 STEEL PILES					
NO. 15				LIN. FT.	1200
PILE REDRIVES				EA.	8

DRAWN BY : N. B. SPEAKS DATE : 1-10-19
 CHECKED BY : A. H. SHARPE DATE : 3-4-20

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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PROJECT NO. I-5883
HARNETT COUNTY
 STATION: 27+09.19 -Y16-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 2
 DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SI-29
1			3			TOTAL SHEETS
2			4			35