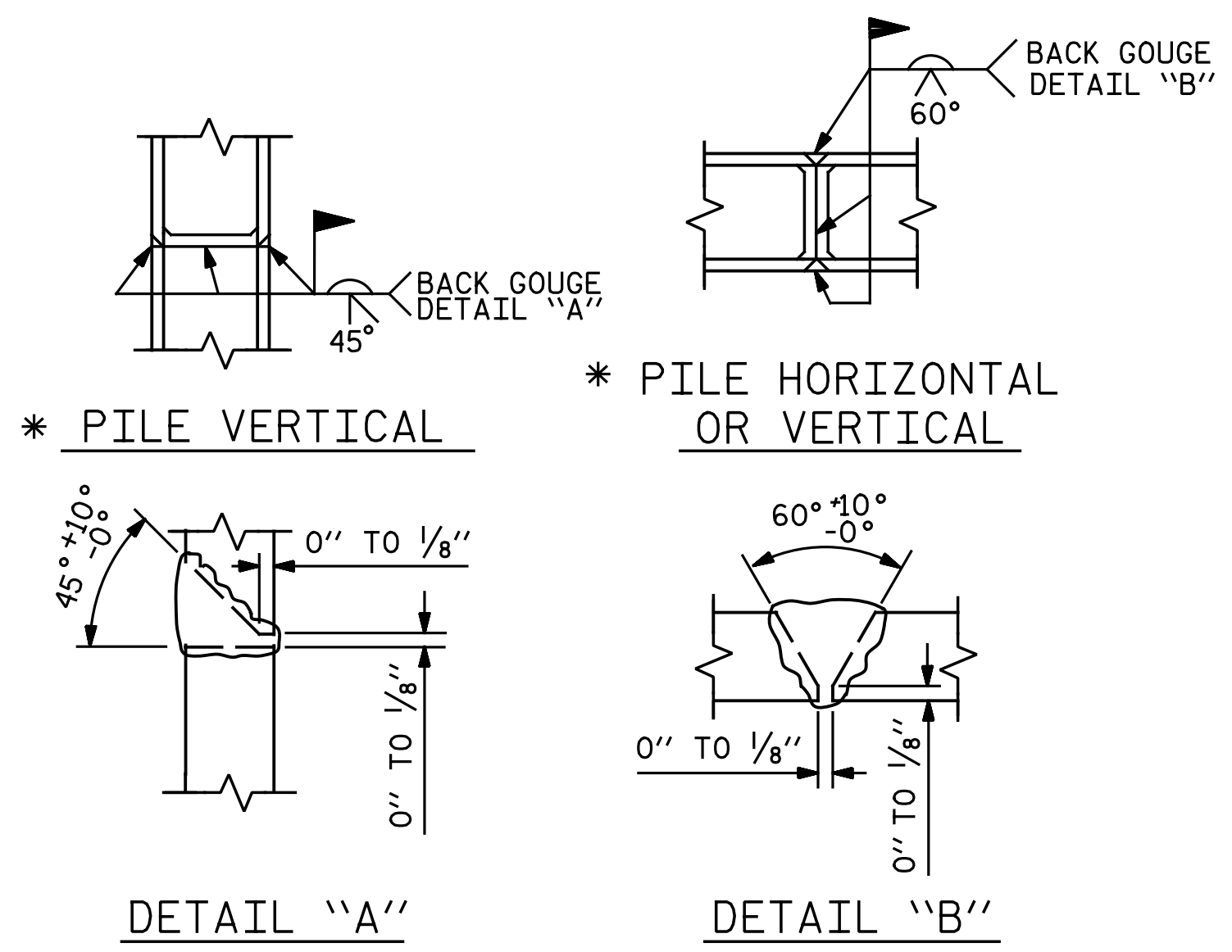
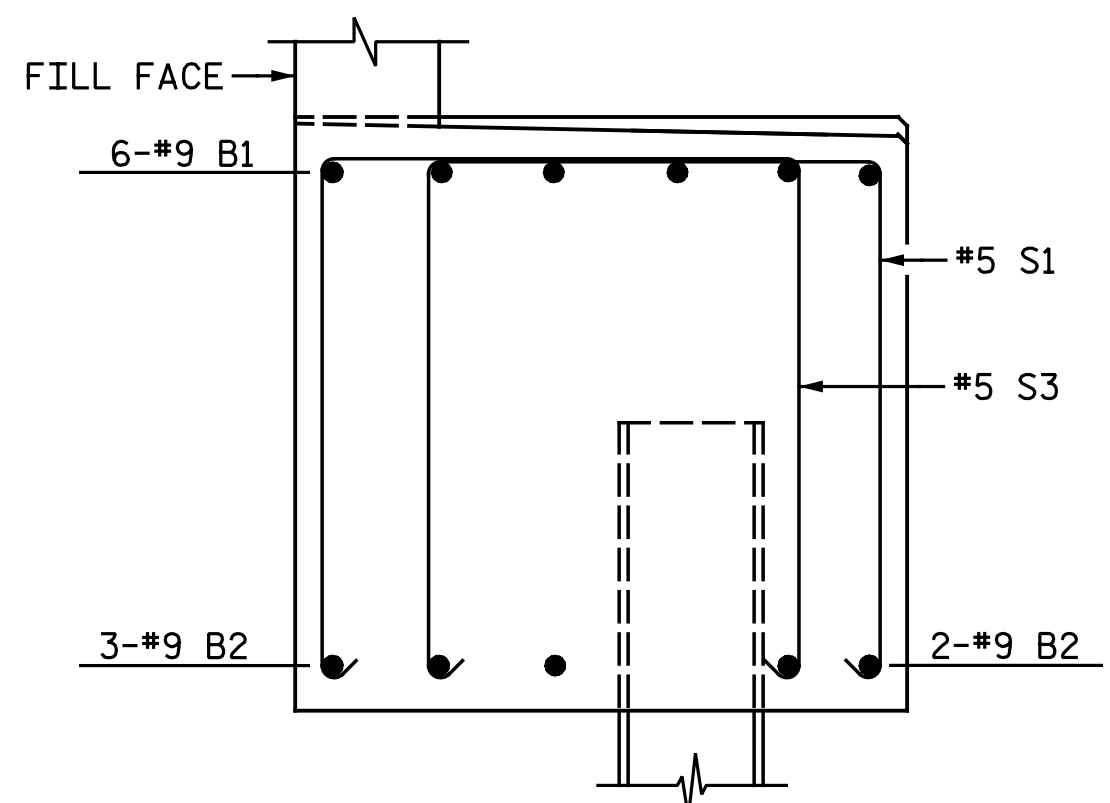


SECTION A-A



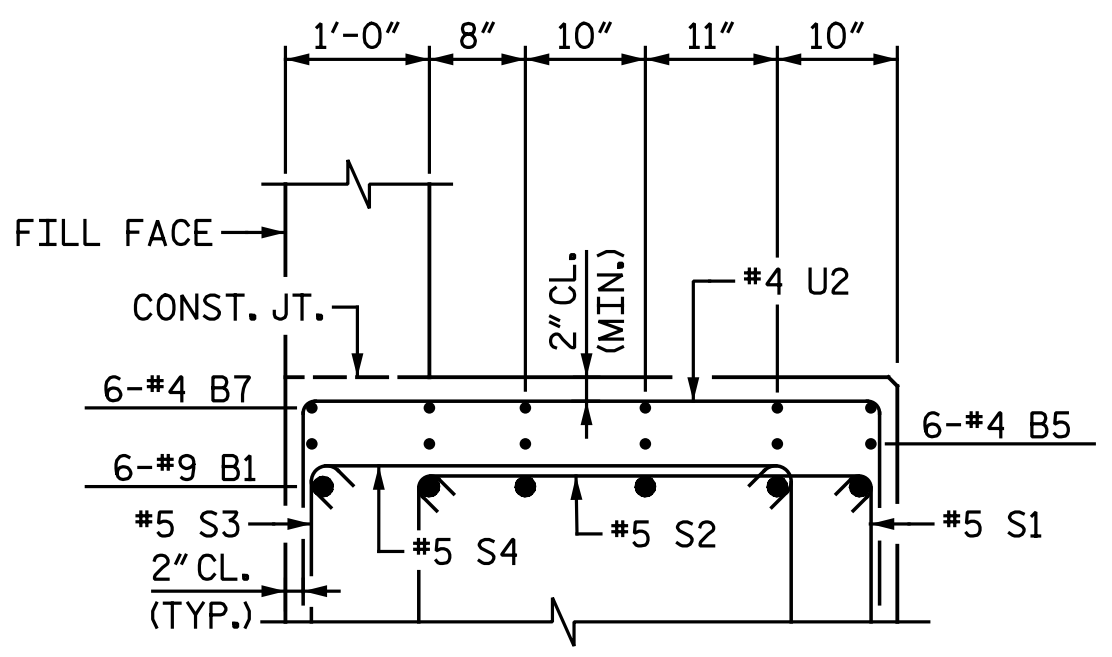
PILE SPLICE DETAILS

\* POSITION OF PILE DURING WELDING.



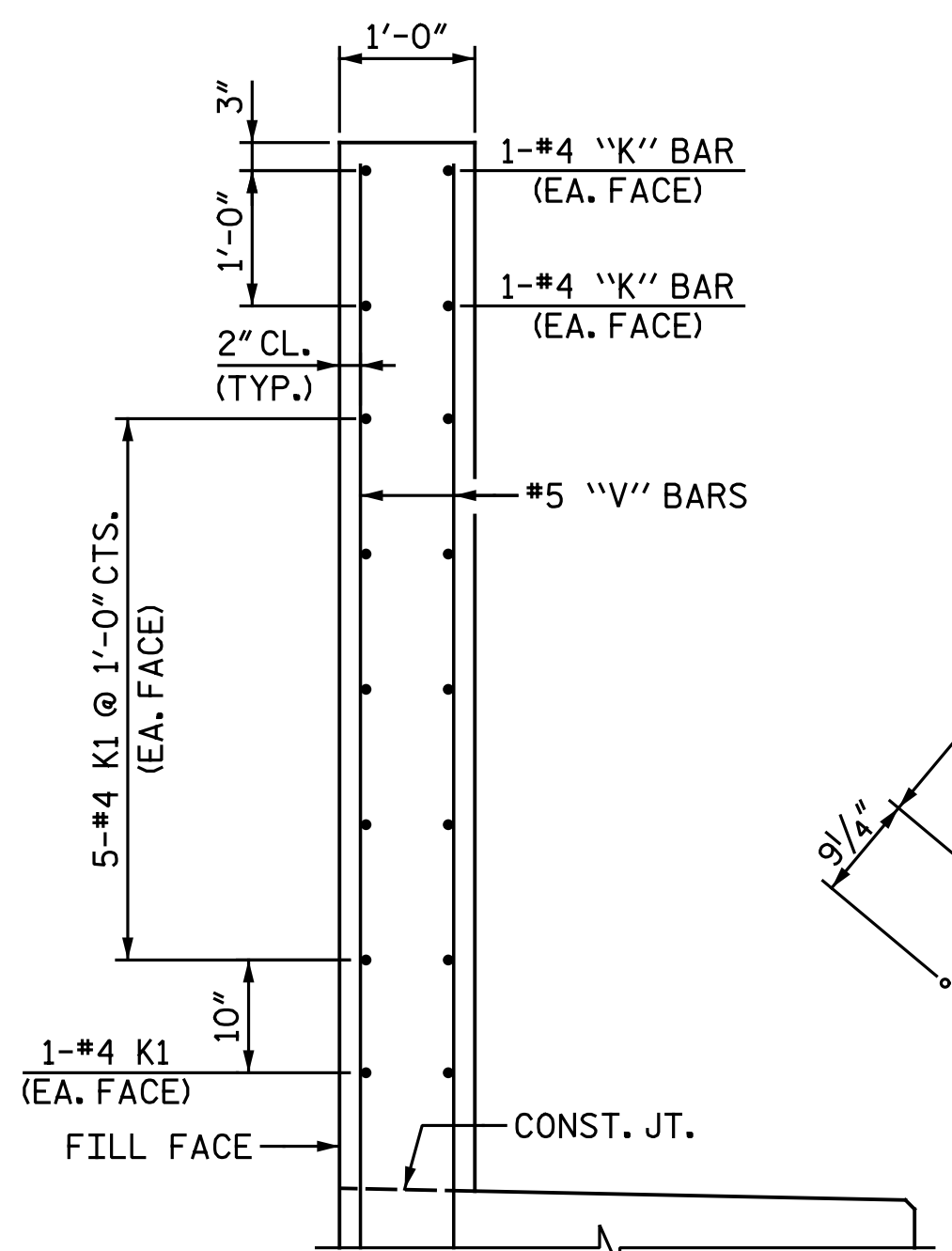
PARTIAL SECTION C-C

ONLY B1, B2, S1 & S3 BARS SHOWN FOR CLARITY.

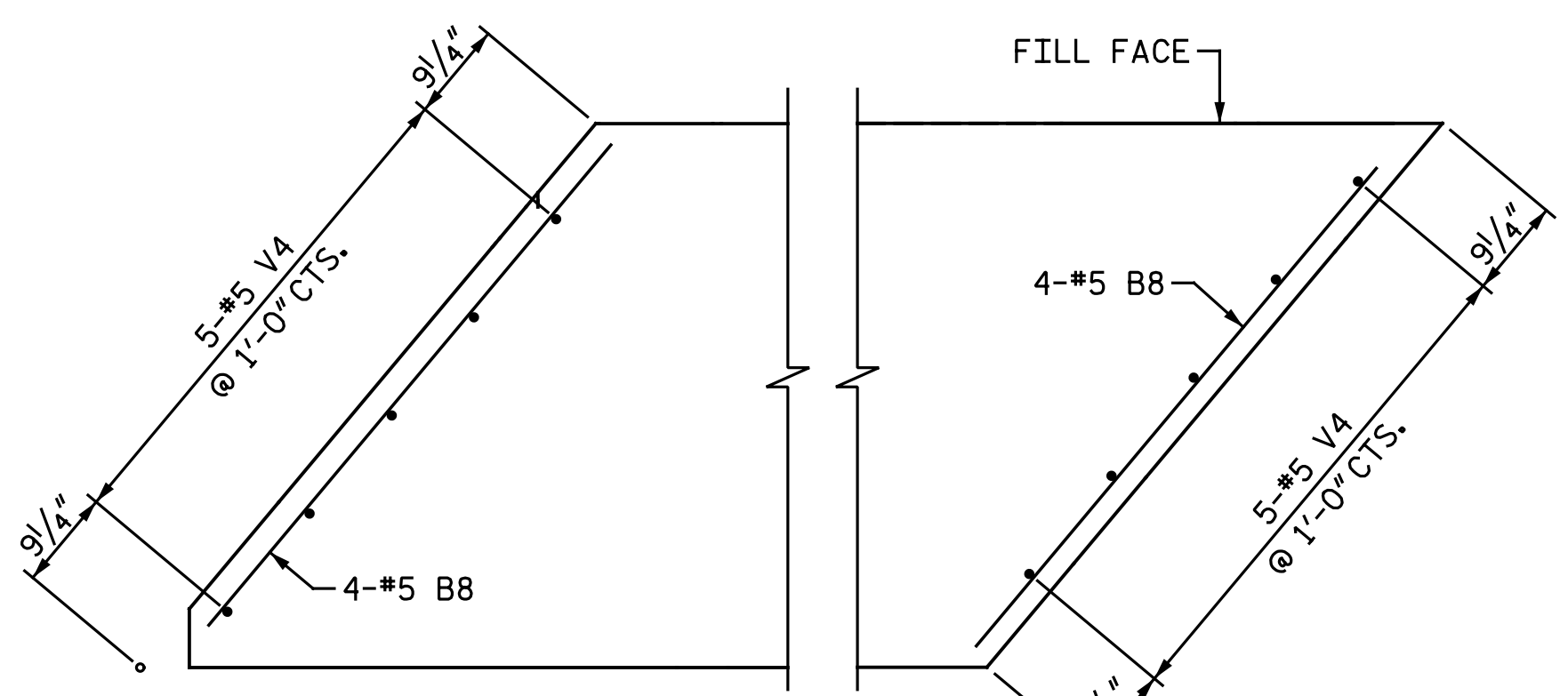


PARTIAL SECTION B-B

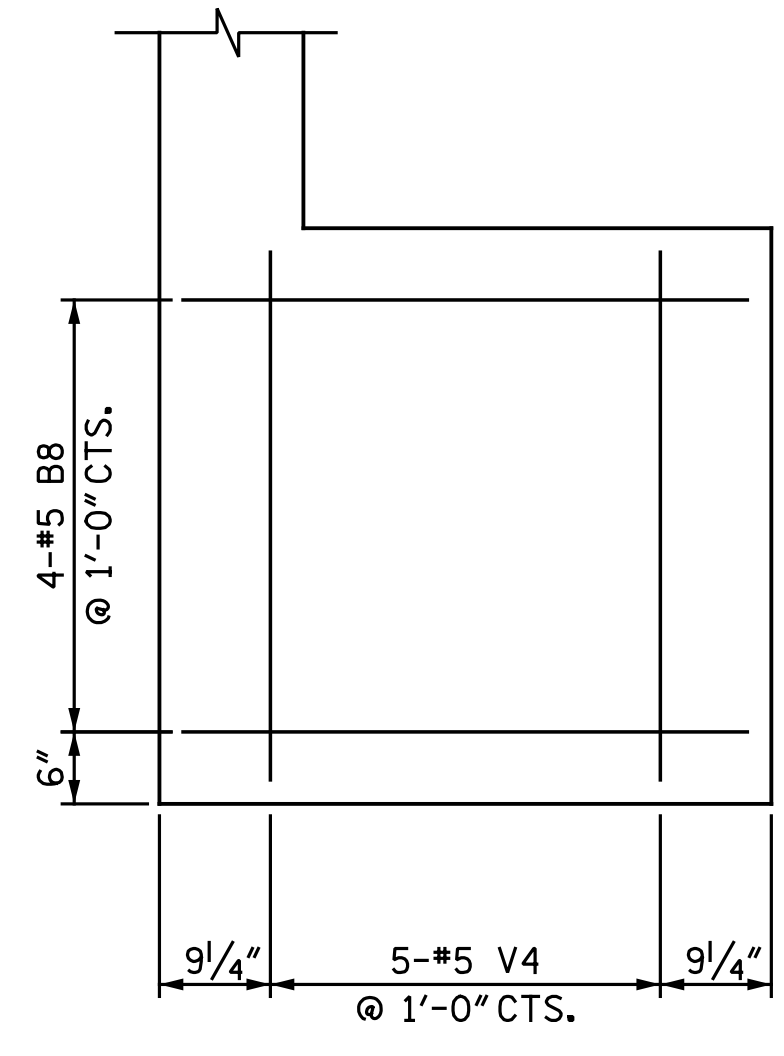
V1 BARS NOT SHOWN FOR CLARITY.



PARTIAL SECTION D-D

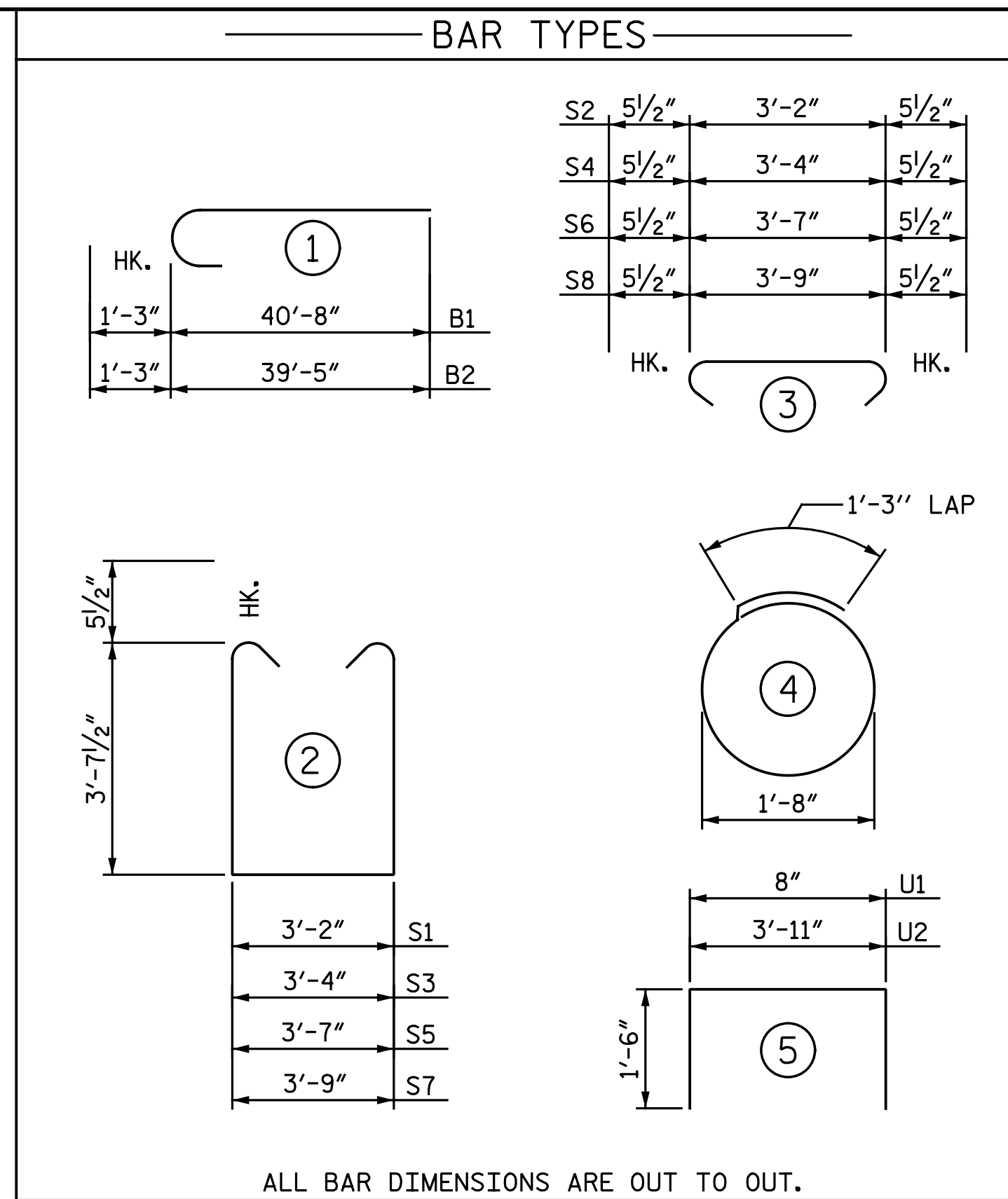


PLAN



END VIEW

END OF CAP



ALL BAR DIMENSIONS ARE OUT TO OUT.

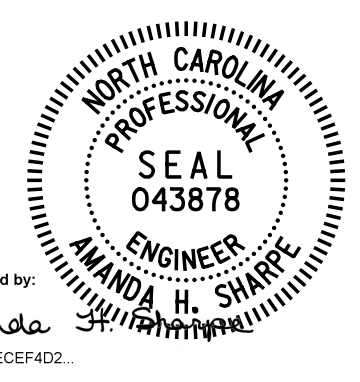
NOTE:  
FOR MSE REINFORCING STRAP LOAD DETAIL,  
SEE "END BENT 1 DETAILS" SHEET.

BILL OF MATERIAL

END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#9	1	41' - 11"	1,710
B2	10	#9	1	40' - 8"	1,383
B3	40	#5	STR.	37' - 8"	1,571
B4	8	#4	STR.	37' - 6"	200
B5	6	#4	STR.	30' - 8"	123
B6	18	#4	STR.	3' - 11"	47
B7	6	#4	STR.	2' - 8"	11
B8	8	#5	STR.	4' - 9"	40
K1	24	#4	STR.	37' - 5"	600
K2	4	#4	STR.	2' - 5"	6
K3	4	#4	STR.	2' - 0"	5
K4	16	#4	STR.	3' - 8"	39
S1	101	#5	2	11' - 4"	1,194
S2	90	#5	3	4' - 1"	383
S3	101	#5	2	11' - 6"	1,211
S4	90	#5	3	4' - 3"	399
S5	2	#5	2	11' - 9"	25
S6	2	#5	3	4' - 6"	9
S7	2	#5	2	11' - 11"	25
S8	2	#5	3	4' - 8"	10
S9	44	#4	4	6' - 6"	191
U1	67	#4	5	3' - 8"	164
U2	44	#4	5	6' - 11"	203
V1	134	#5	STR.	8' - 10"	1,235
V2	8	#5	STR.	10' - 7"	88
V3	8	#5	STR.	10' - 6"	88
V4	10	#5	STR.	3' - 7"	37
REINFORCING STEEL				LBS.	10,997
CLASS A CONCRETE					
POUR 1 - CAP				C.Y.	47.4
POUR 2 - BACKWALL & WINGS				C.Y.	14.8
TOTAL				C.Y.	62.2
PILE DRIVING EQUIPMENT SETUP					
FOR HP 12x53 STEEL PILES				EA.	11
HP 12x53 STEEL PILES					
NO. 11				LIN. FT.	825
PILE REDRIVES				EA.	6

PROJECT NO. I-5883  
HARNETT COUNTY  
STATION: 26+80.73 -Y17-



4/9/2020

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**Michael Baker International**  
Michael Baker Engineering  
8000 Regency Parkway, Suite 600  
Cary, North Carolina 27518  
NC License No.: F-1084

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			33
2			4			

DRAWN BY: C. E. MAYHEW DATE: 1-10-19  
CHECKED BY: A. H. SHARPE DATE: 12-3-19