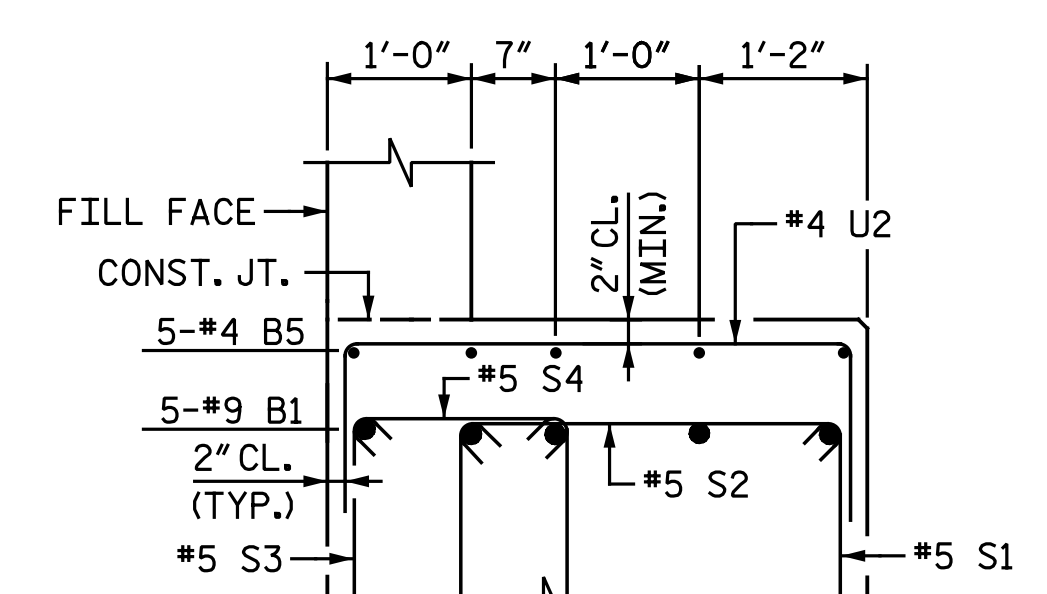
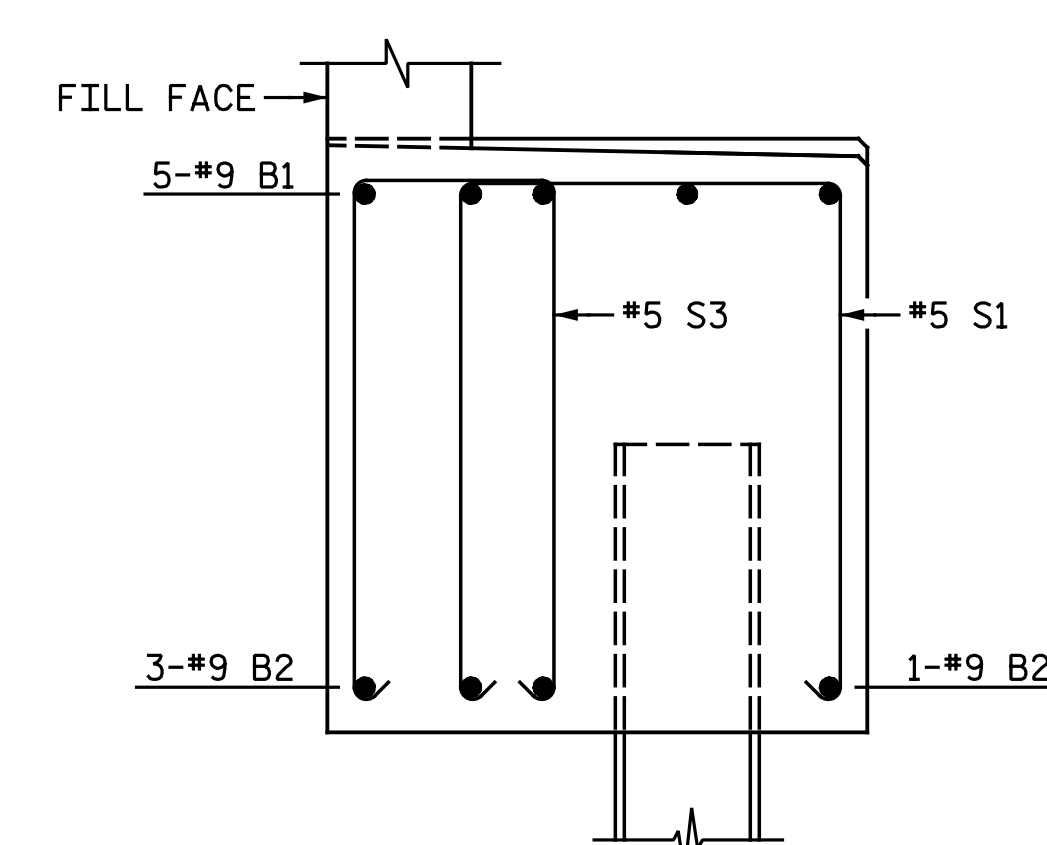


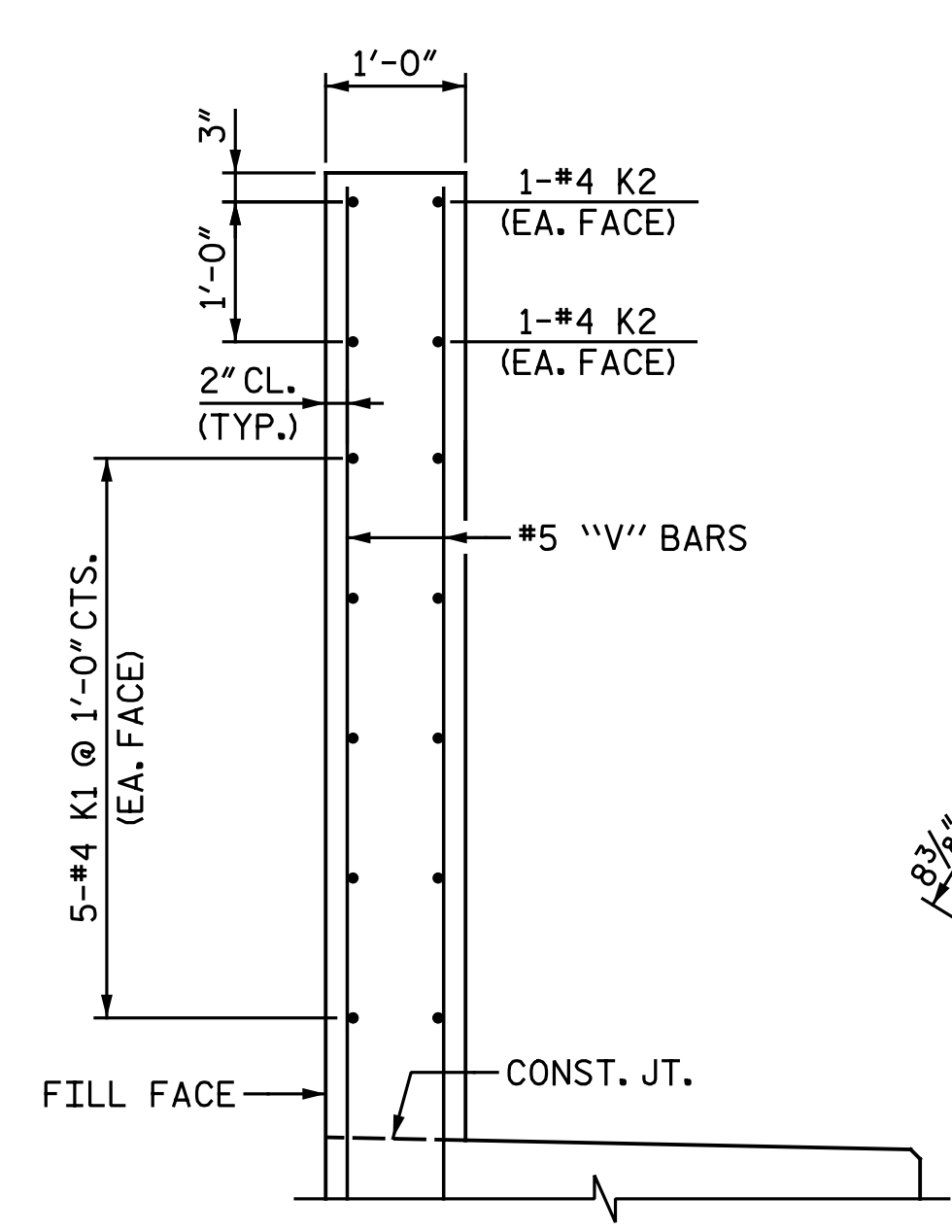
SECTION A-A



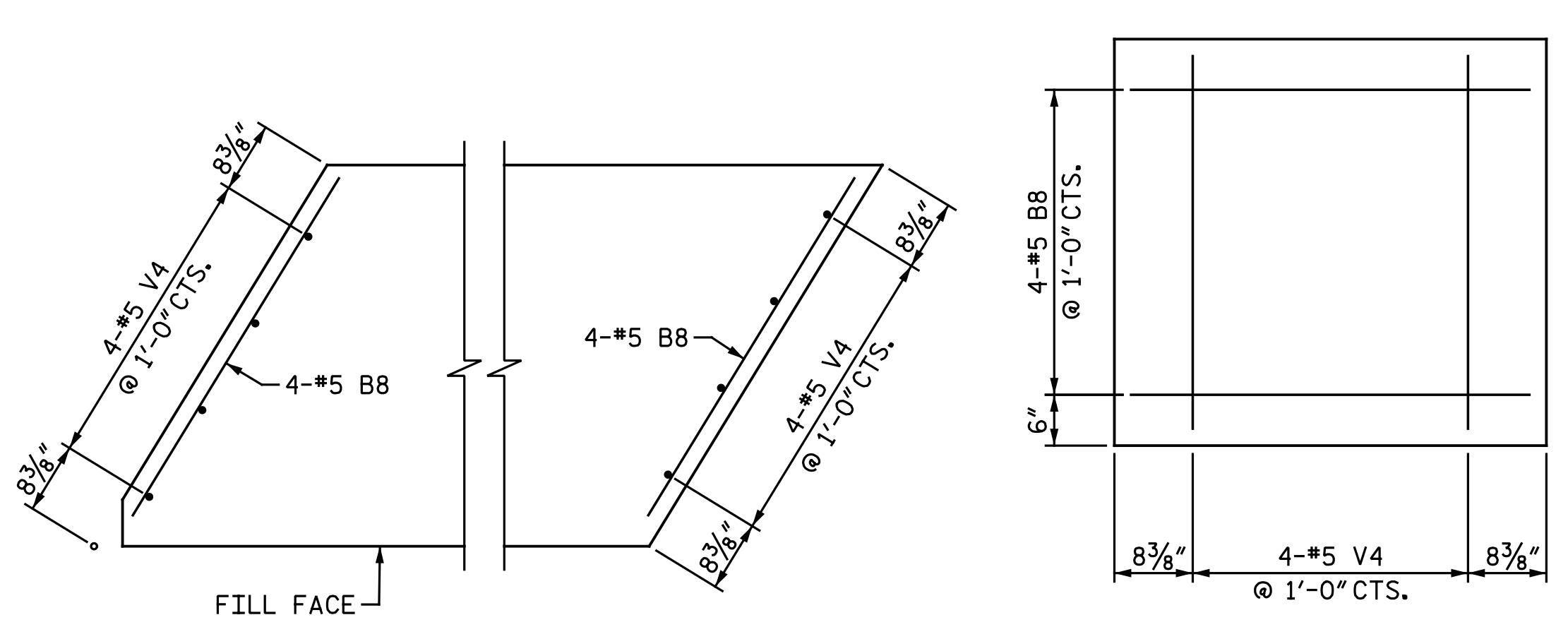
PARTIAL SECTION B-B  
V1 BARS NOT SHOWN FOR CLARITY.



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



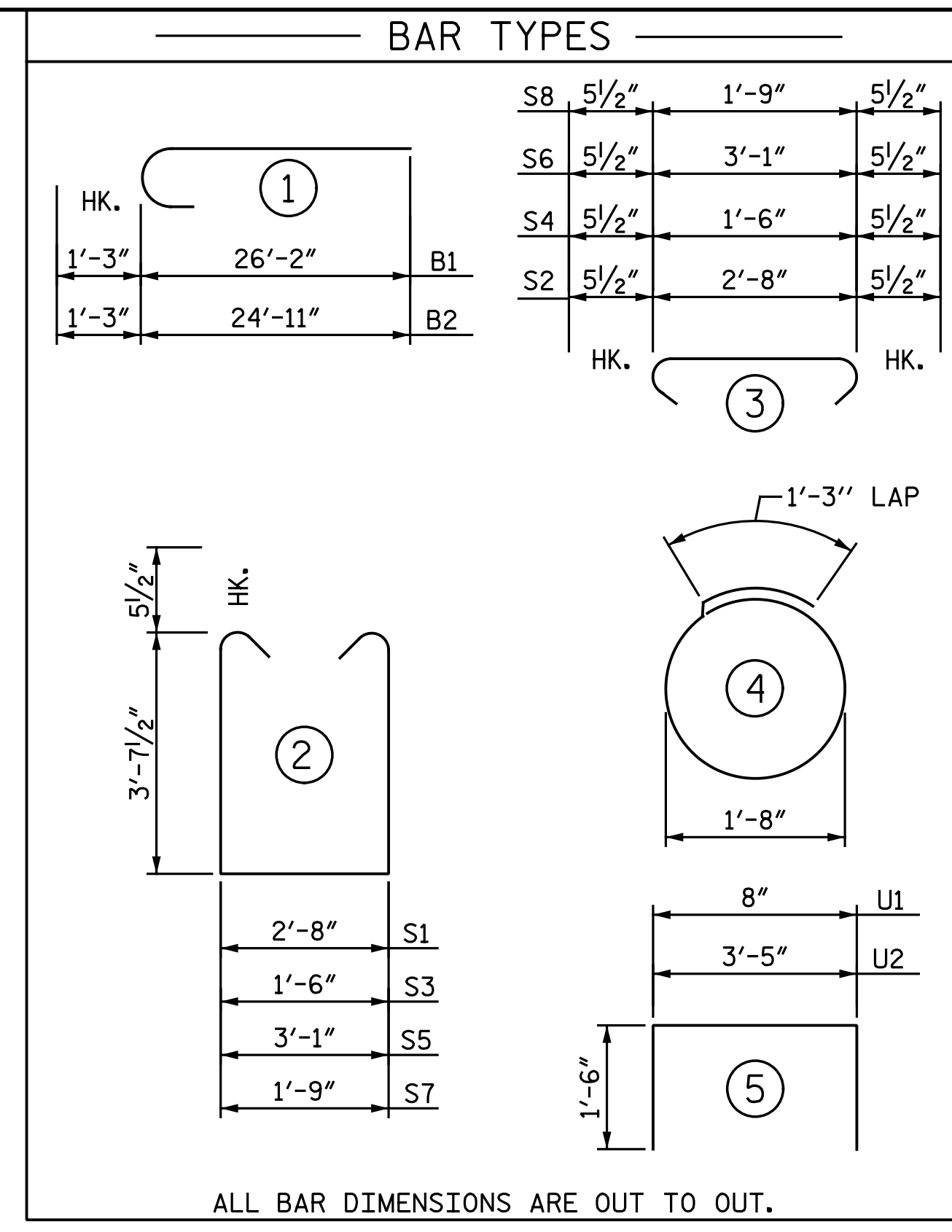
PARTIAL SECTION D-D



PLAN

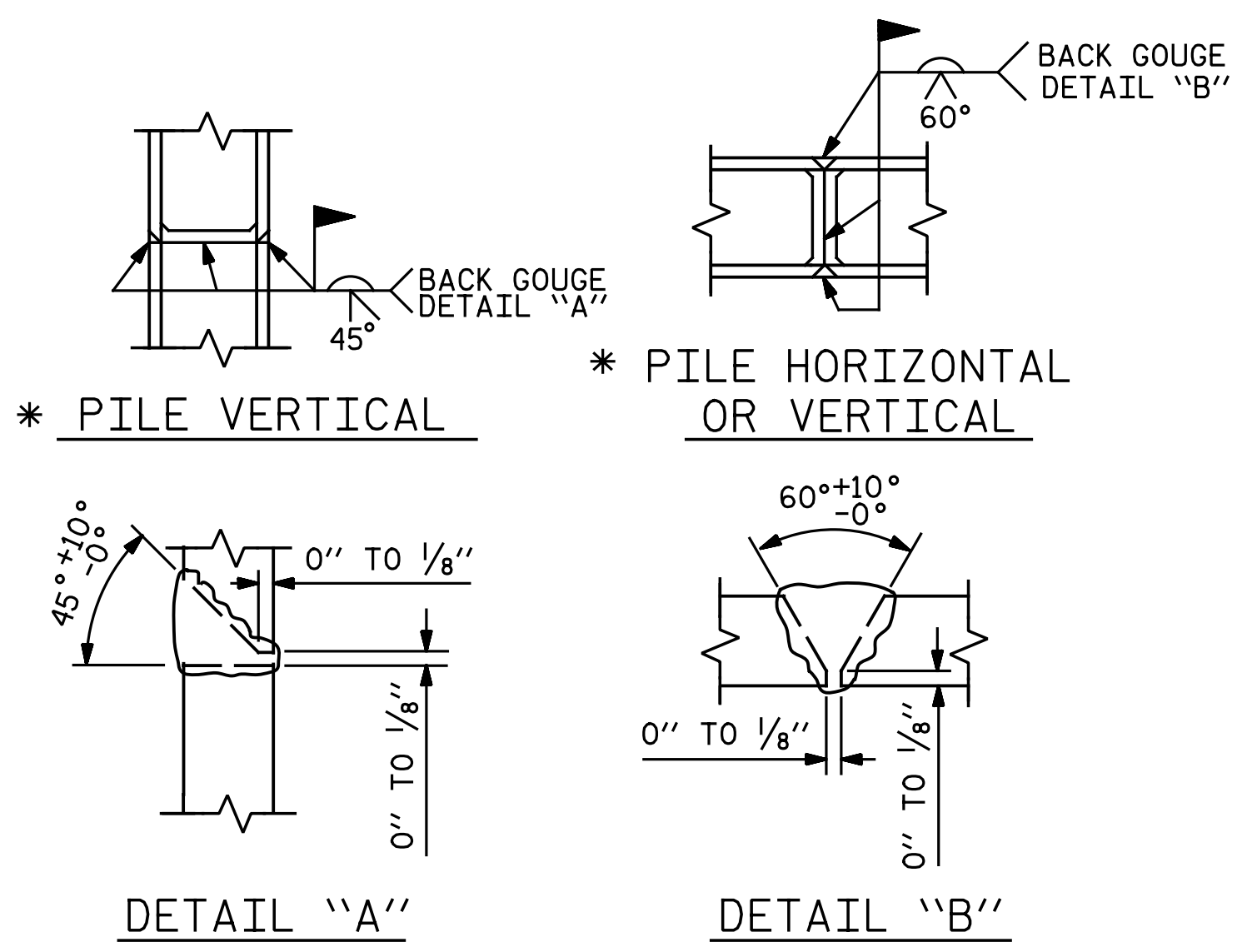
END VIEW

END OF CAP



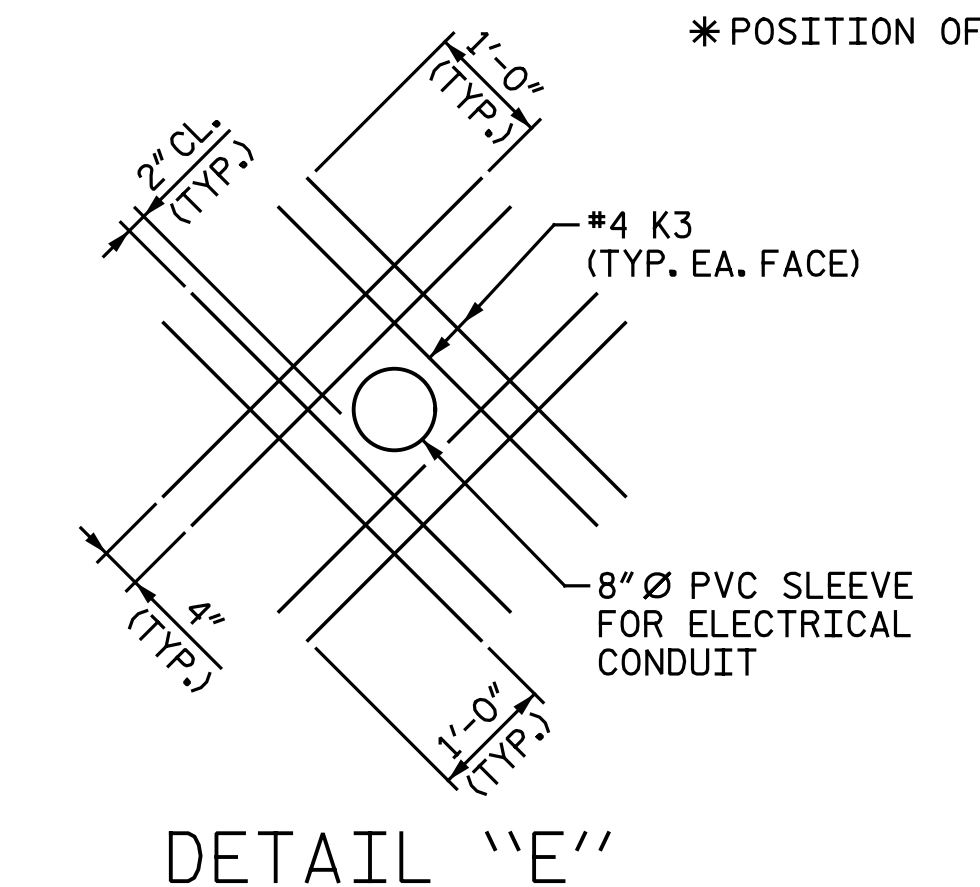
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#9	1	27' - 5"	932
B2	8	#9	1	26' - 2"	712
B3	40	#5	STR.	23' - 4"	973
B4	8	#4	STR.	23' - 0"	123
B5	5	#4	STR.	13' - 2"	44
B6	5	#4	STR.	10' - 1"	34
B7	11	#4	STR.	3' - 5"	25
B8	8	#5	STR.	3' - 7"	30
K1	20	#4	STR.	23' - 0"	307
K2	8	#4	STR.	3' - 1"	16
K3	16	#4	STR.	3' - 8"	39
S1	55	#5	2	10' - 10"	621
S2	48	#5	3	3' - 7"	179
S3	55	#5	2	9' - 8"	555
S4	48	#5	3	2' - 5"	121
S5	2	#5	2	11' - 3"	23
S6	2	#5	3	4' - 0"	8
S7	2	#5	2	9' - 11"	21
S8	2	#5	3	2' - 8"	6
S9	28	#4	4	6' - 6"	122
U1	37	#4	5	3' - 8"	91
U2	17	#4	5	6' - 5"	73
V1	74	#5	STR.	7' - 10"	605
V2	8	#5	STR.	10' - 1"	84
V3	8	#5	STR.	9' - 7"	80
V4	8	#5	STR.	3' - 7"	30
REINFORCING STEEL				LBS. 5,854	
CLASS A CONCRETE					
POUR 1 - CAP				C.Y.	26.0
POUR 2 - BACKWALL & WINGS				C.Y.	7.9
TOTAL				C.Y.	33.9
PILE DRIVING EQUIPMENT SETUP FOR HP 12x53 STEEL PILES				EA.	7
HP 12x53 STEEL PILES					
NO. 7				LIN. FT.	455
PILE REDRIVES				EA.	4



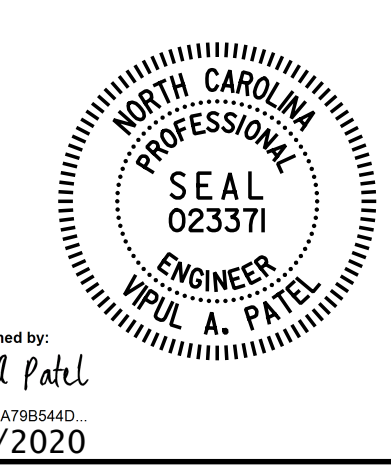
\* PILE VERTICAL \* PILE HORIZONTAL OR VERTICAL

PILE SPLICE DETAILS  
\* POSITION OF PILE DURING WELDING



DETAIL "E"

THE PVC SLEEVE THROUGH THE BACKWALL SHALL BE LOCATED BY THE ENGINEER. THE K3 BARS MAY BE SHIFTED AS NECESSARY TO CLEAR TOP OF CAP.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**Michael Baker International**  
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NC License No.: F-1084

PROJECT NO. I-5986B  
JOHNSTON COUNTY  
STATION: 28+39.21 -Y29-

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-23
1			3			TOTAL SHEETS
2			4			28

DRAWN BY: C. E. MAYHEW DATE: 9-24-19  
CHECKED BY: V. A. PATEL DATE: 12-30-19