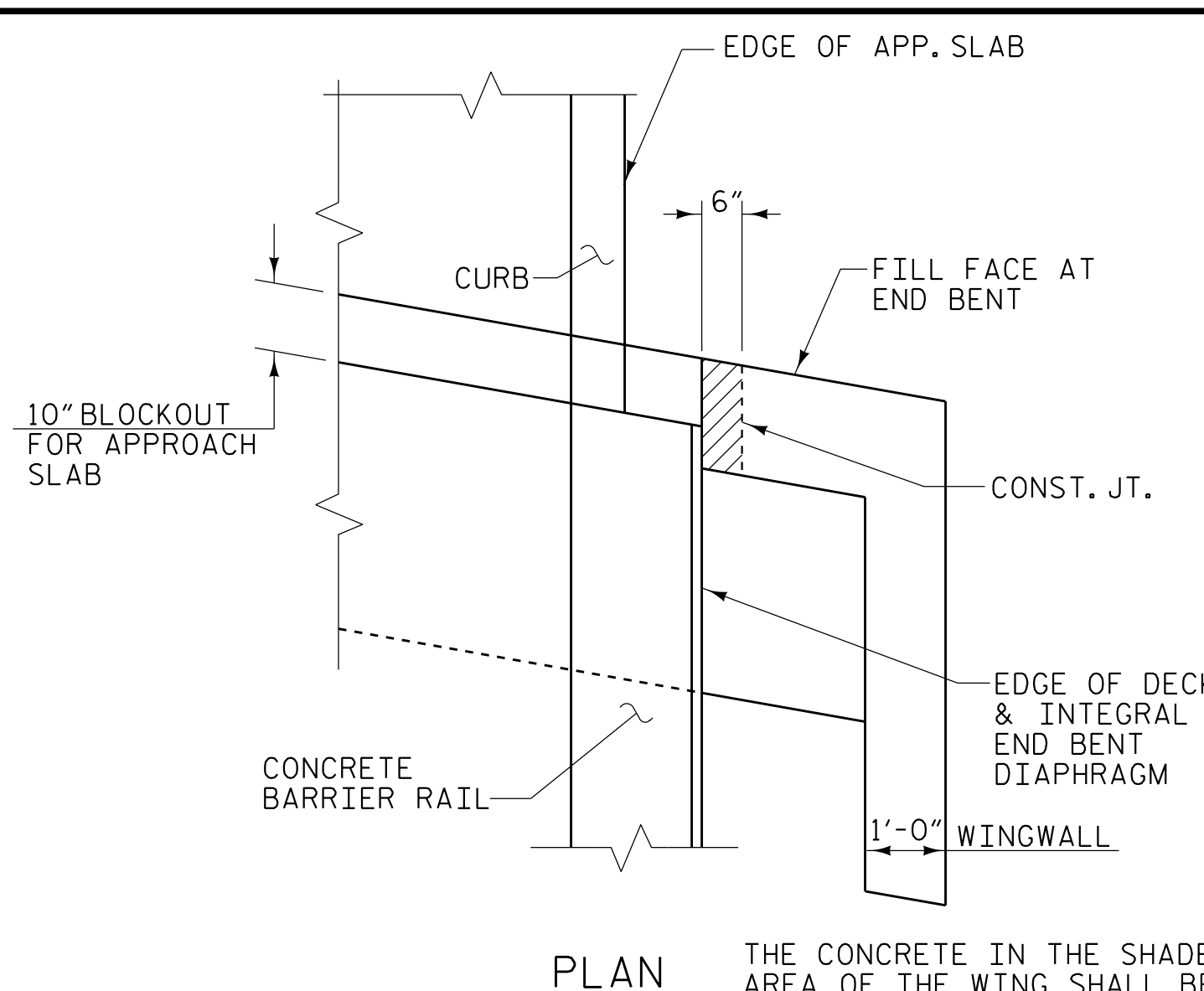
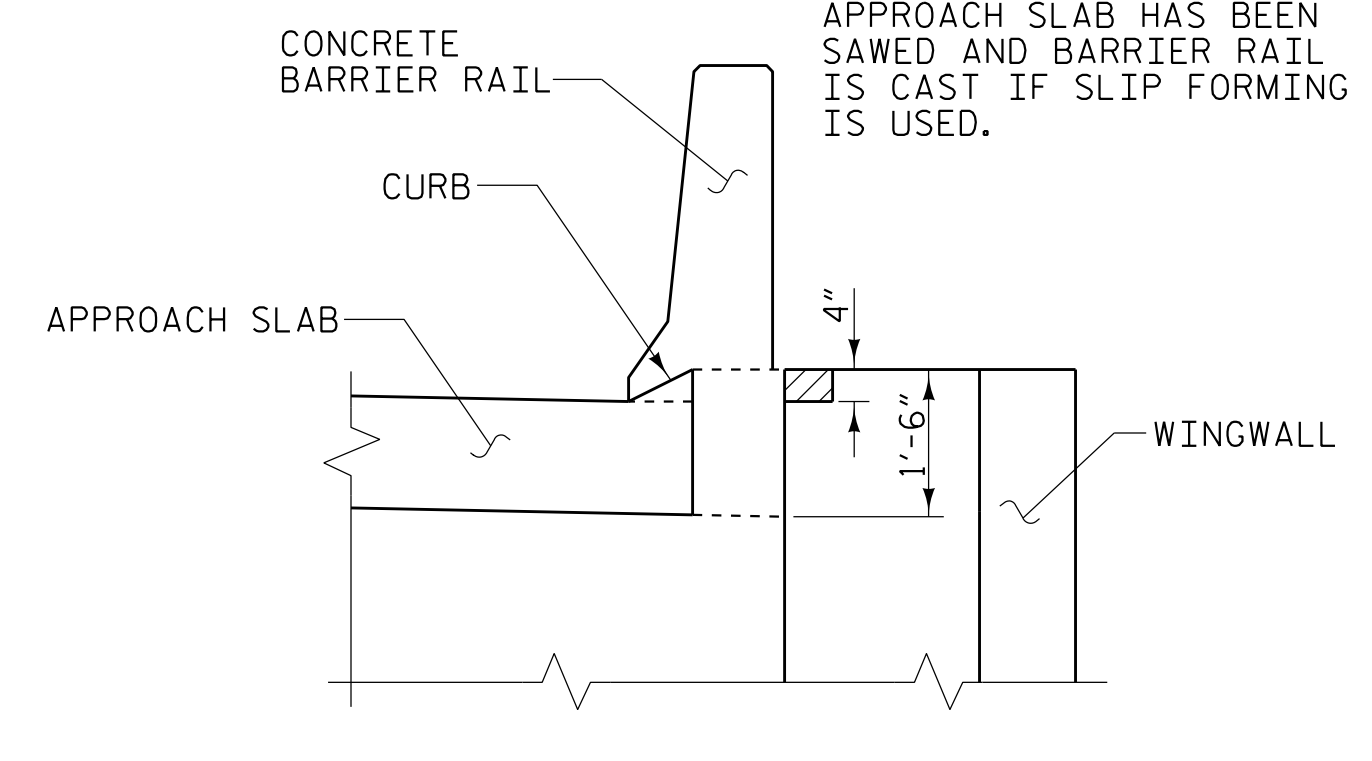


PILE SPLICE DETAILS



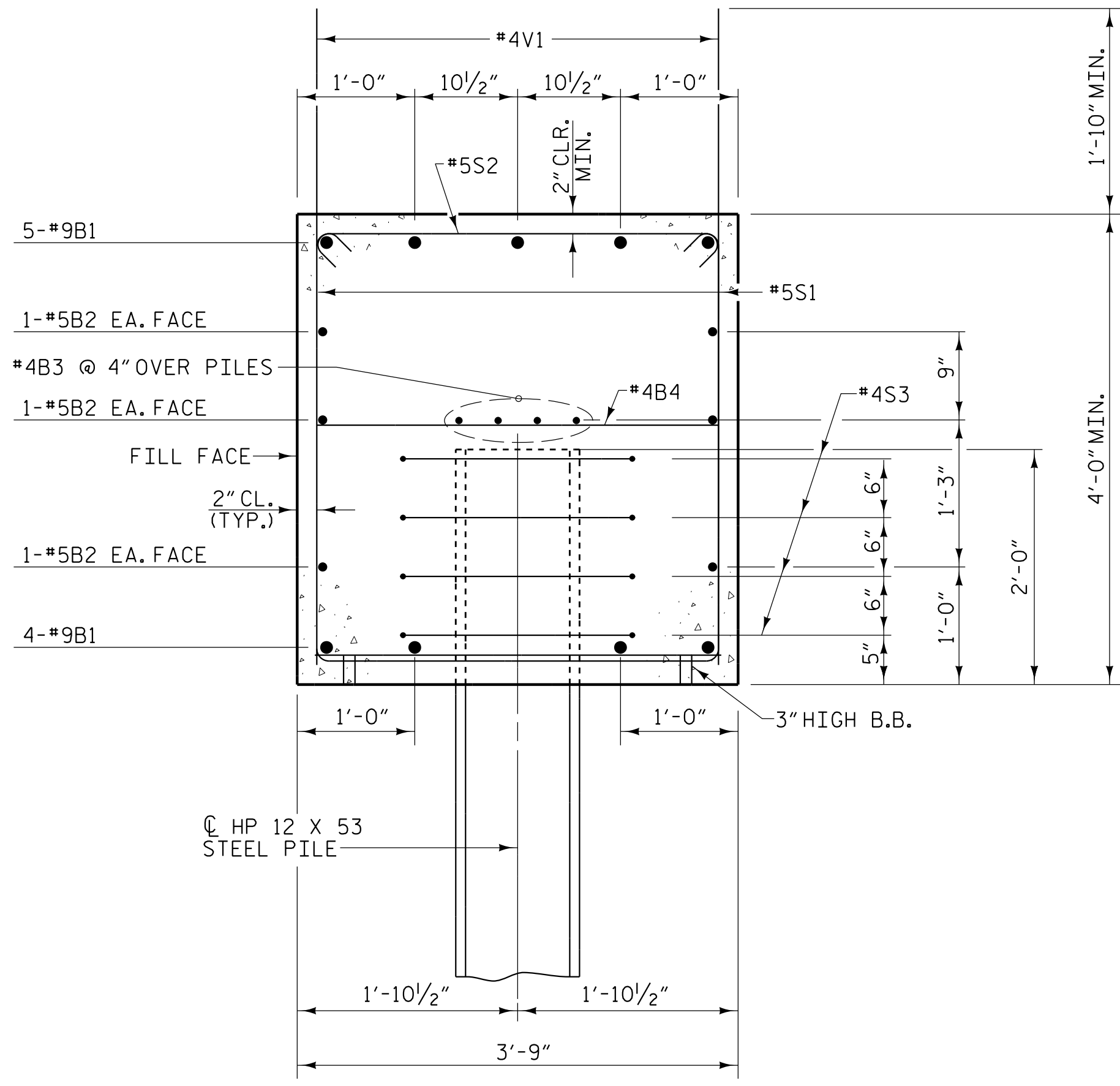
PLAN
THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND APPROACH SLAB HAS BEEN SAWED AND BARRIER RAIL IS CAST IF SLIP FORMING IS USED.



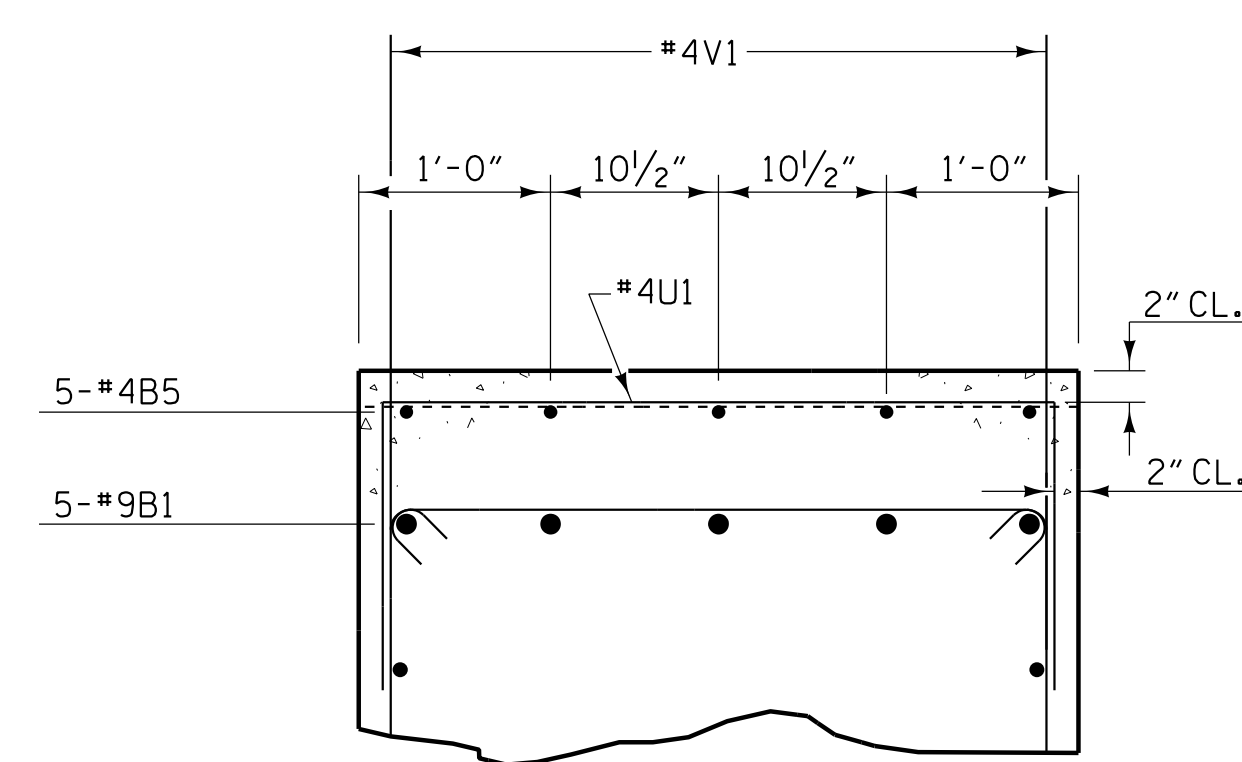
ELEVATION

WINGWALL BLOCKOUT

(RIGHT WINGWALL SHOWN, LEFT WINGWALL SIMILAR)

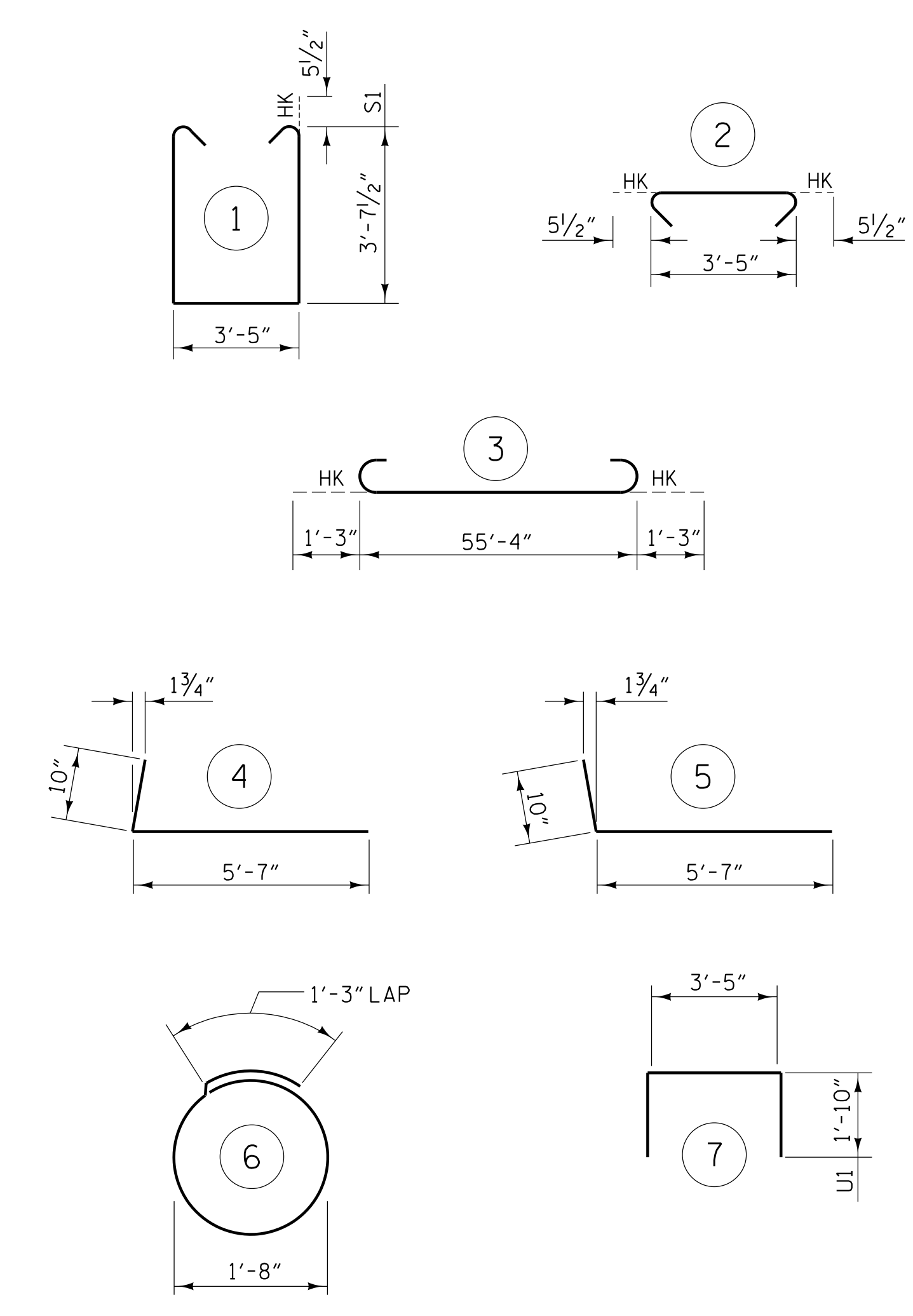


SECTION A-A



PART SECTION B-B

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

END BENT 2

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	9	#9	3	57'-10"	1770
B2	6	#5	STR	55'-4"	346
B3	8	#4	STR	28'-11"	155
B4	14	#4	STR	3'-5"	32
B5	5	#4	STR	23'-5"	78
H1	28	#5	4	6'-5"	187
H2	32	#5	STR	2'-9"	92
H3	28	#5	5	6'-5"	187
S1	62	#5	1	11'-7"	749
S2	62	#5	2	4'-4"	280
S3	32	#4	6	6'-6"	139
U1	16	#4	7	7'-1"	76
V1	76	#4	STR	5'-7"	283
V2	18	#4	STR	9'-6"	114
V3	18	#4	STR	9'-4"	112

TOTAL REINFORCING STEEL					4600 lbs.
CLASS "A" CONCRETE - CU. YARDS					
POUR 1 (CAP & LOWER WINGS)					32.7 cu. yds.
POUR 2 (UPPER WINGS)					3.4 cu. yds.
TOTAL					36.1 cu. yds.

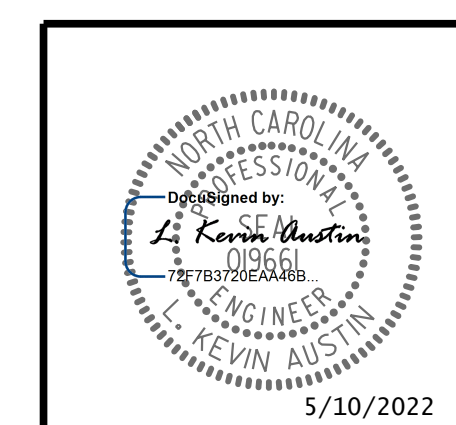
PROJECT NO. **I-5987A**
ROBESON COUNTY
 STATION: **41+19.02 -Y1A- POT**

SHEET 3 OF 3
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
**INTEGRAL END BENT 2
 DETAILS**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-28
1			3			TOTAL SHEETS
2			4			31

DRAWN BY : **W. B. ALLEN** DATE : 11/21
 CHECKED BY : **G. F. WILSON** DATE : 11/21
 DESIGN ENGINEER OF RECORD: **L. K. AUSTIN** DATE : 12/21

PLANS PREPARED BY:
NV5
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 NC License # F-1333



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

5/10/2022

5/5/2022 8:55:59 PM R:\Structures\I-5987A (Y1A)\5987A.SMU E6: 770054.dgn