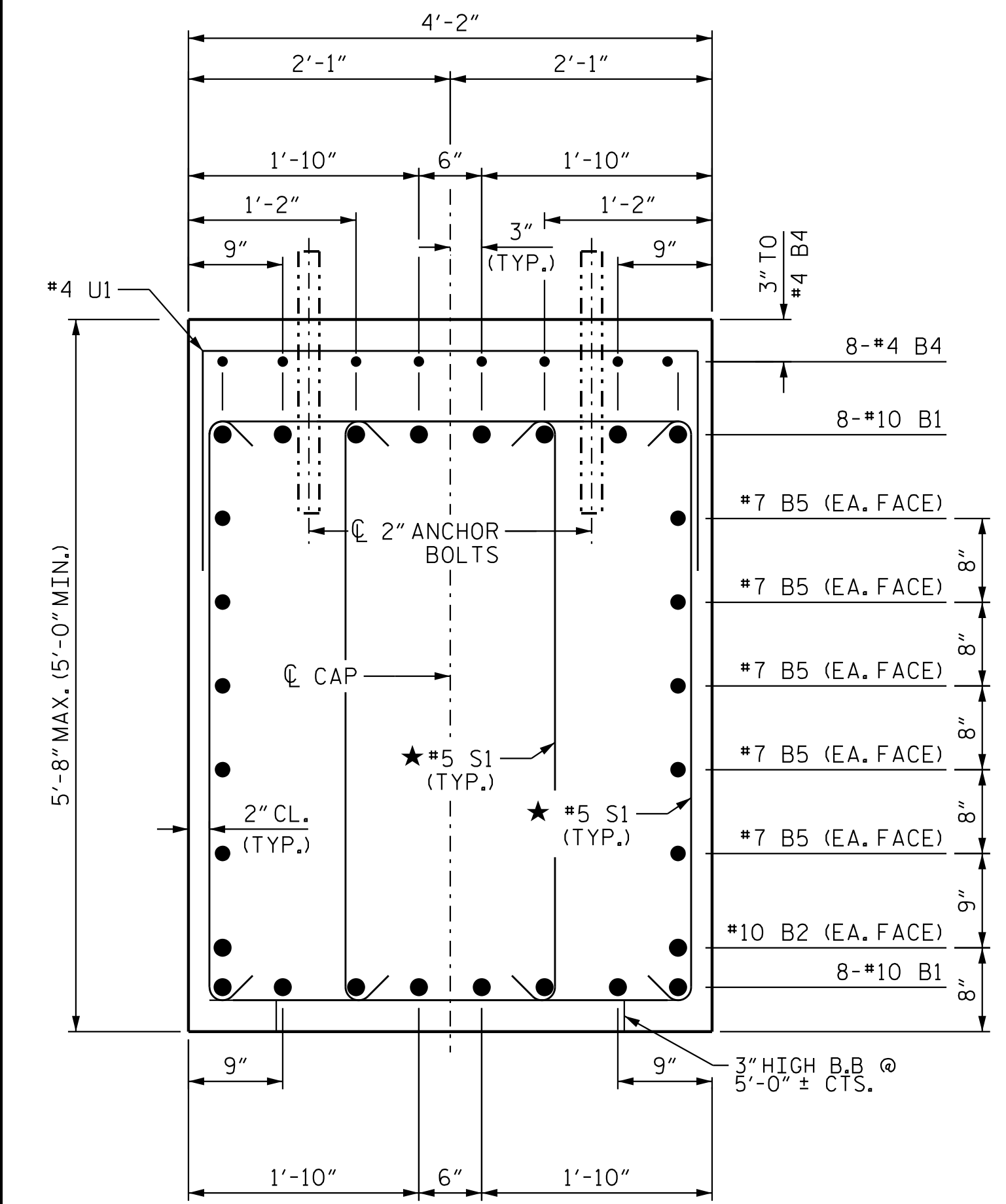


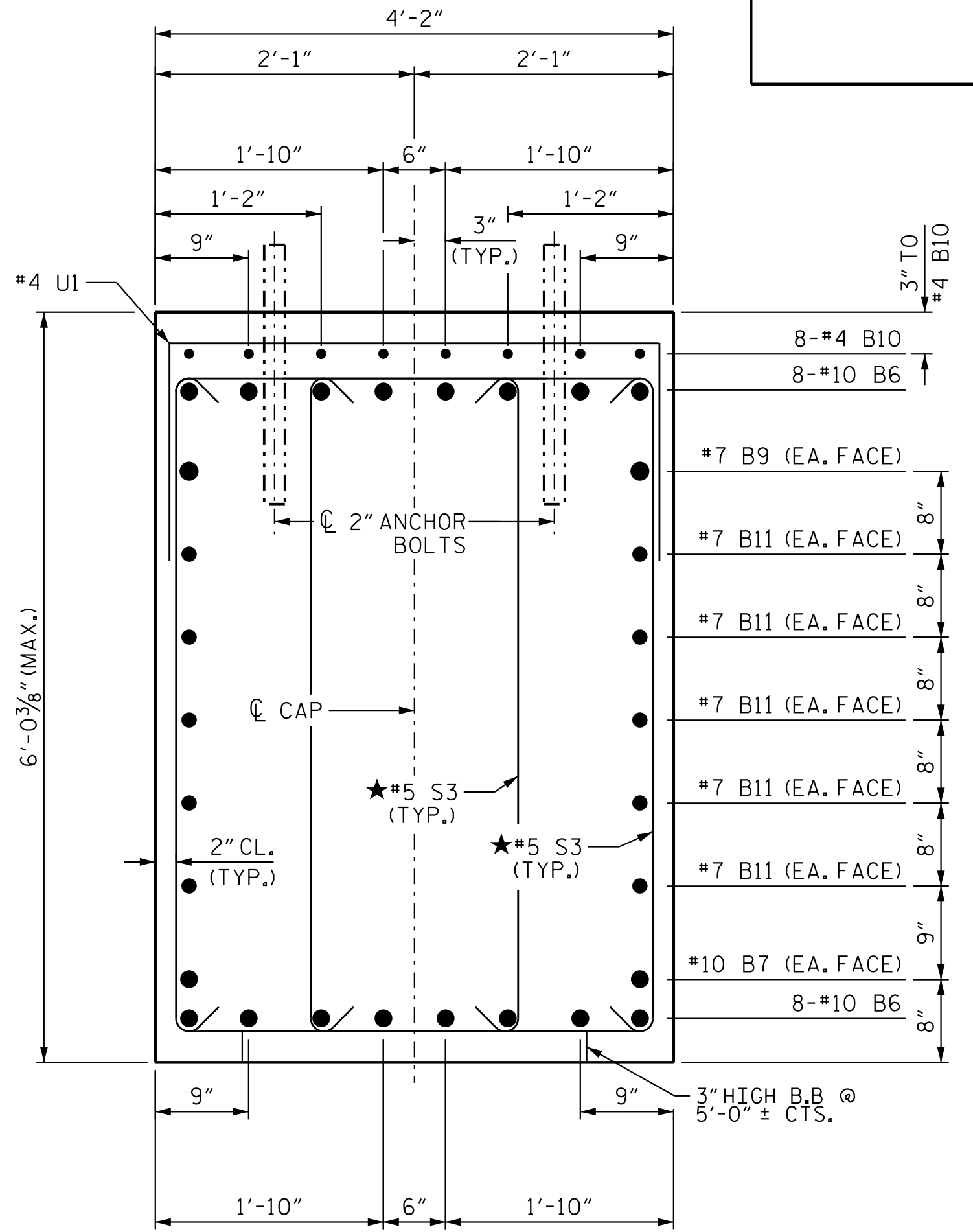
VIEW A-A

VIEW D-D



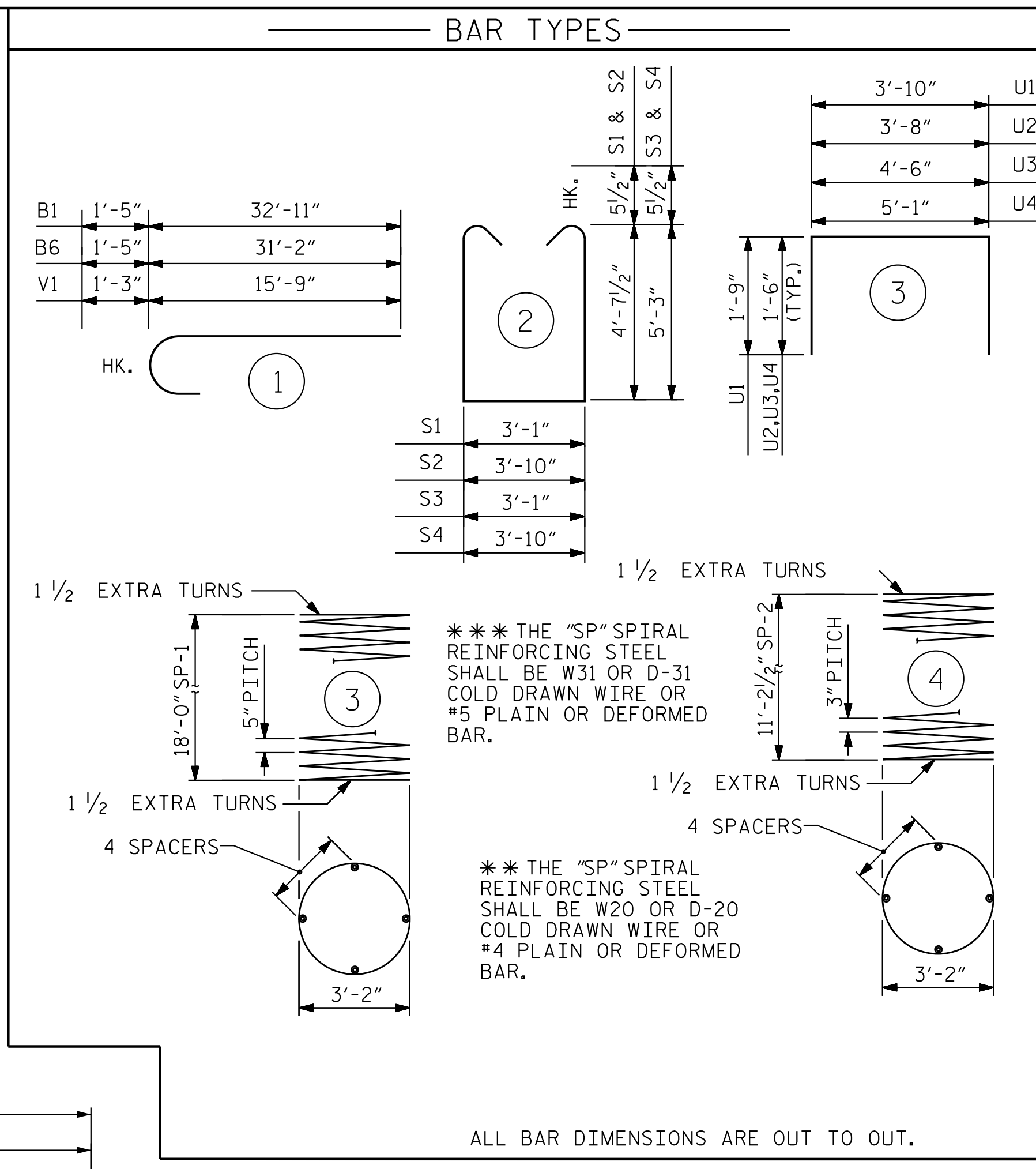
SECTION B-B

★ INVERT ALTERNATE STIRRUPS



SECTION C-C

★ INVERT ALTERNATE STIRRUPS

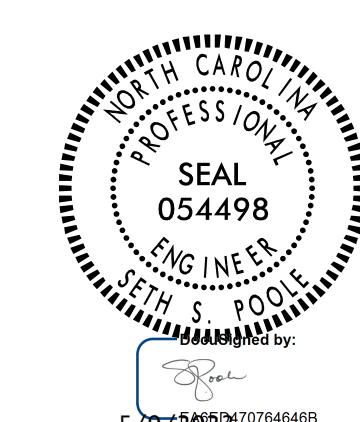


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL											
BENT 2 - STAGE I					BENT 2 - STAGE II						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	16	#10	1	34'-4"	2364	B6	16	#10	1	32'-7"	2243
B2	2	#10	STR	31'-11"	275	B7	2	#10	STR	31'-2"	268
B4	8	#4	STR	12'-7"	67	B9	2	#7	STR	29'-4"	120
B5	10	#7	STR	31'-11"	652	B10	24	#4	STR	8'-1"	130
						B11	10	#7	STR	31'-2"	637
						B12	8	#10	STR	4'-2"	143
						B13	10	#7	STR	3'-4"	68
						B14	10	#10	STR	3'-9"	161
M1	32	#9	STR	25'-3"	2747	M1	32	#9	STR	25'-3"	2747
S1	128	#5	2	13'-3"	1769	S3	128	#5	2	14'-6"	1936
S2	16	#5	2	14'-0"	234	S4	16	#5	2	15'-3"	254
U1	38	#4	3	7'-4"	186	U1	43	#4	3	7'-4"	211
U2	5	#4	3	6'-8"	22	U2	5	#4	3	6'-8"	22
U3	4	#4	3	7'-6"	20	U4	4	#4	3	8'-1"	22
V1	32	#9	1	17'-0"	1850	V1	32	#9	1	17'-0"	1850
REINFORCING STEEL					LBS. 10,186	REINFORCING STEEL					LBS. 10,812
SP-1	2	***	3	428'-1"	893	SP-1	2	***	3	428'-1"	893
SP-2	2	**	4	479'-7"	641	SP-2	2	**	4	479'-7"	641
SPIRAL COLUMN						SPIRAL COLUMN					
REINFORCING STEEL					LBS. 1,534	REINFORCING STEEL					LBS. 1,534
DRILLED PIER CONC. BREAKDOWN:						DRILLED PIER CONC. BREAKDOWN:					
POUR #1 DRILLED PIERS					C. Y. 16.7	POUR #1 DRILLED PIERS					C. Y. 16.7
CLASS A CONCRETE BREAKDOWN						CLASS A CONCRETE BREAKDOWN					
POUR #2 COLUMNS					C. Y. 7.9	POUR #2 COLUMNS					C. Y. 7.9
POUR #3 CAP					C. Y. 25.1	POUR #3 CAP					C. Y. 28.5
TOTAL CLASS A CONC.					C. Y. 33.0	TOTAL CLASS A CONC.					C. Y. 36.4

PROJECT NO. R-2707D
 CLEVELAND COUNTY
 STATION: 849+00.00 -L-

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT 2 DETAILS
 (LEFT LANE)

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S5-47	
1			3			TOTAL SHEETS	
2			4			56	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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DRAWN BY: J. B. GEILE DATE: 01/24/23
 CHECKED BY: S.S. POOLE DATE: 01/28/23
 DESIGN ENGINEER OF RECORD: S.S. POOLE DATE: 05/09/23

5/9/2023 3:35:42 PM jHogenbush
 5/9/2023 3:35:42 PM jHogenbush
 5/9/2023 3:35:42 PM jHogenbush