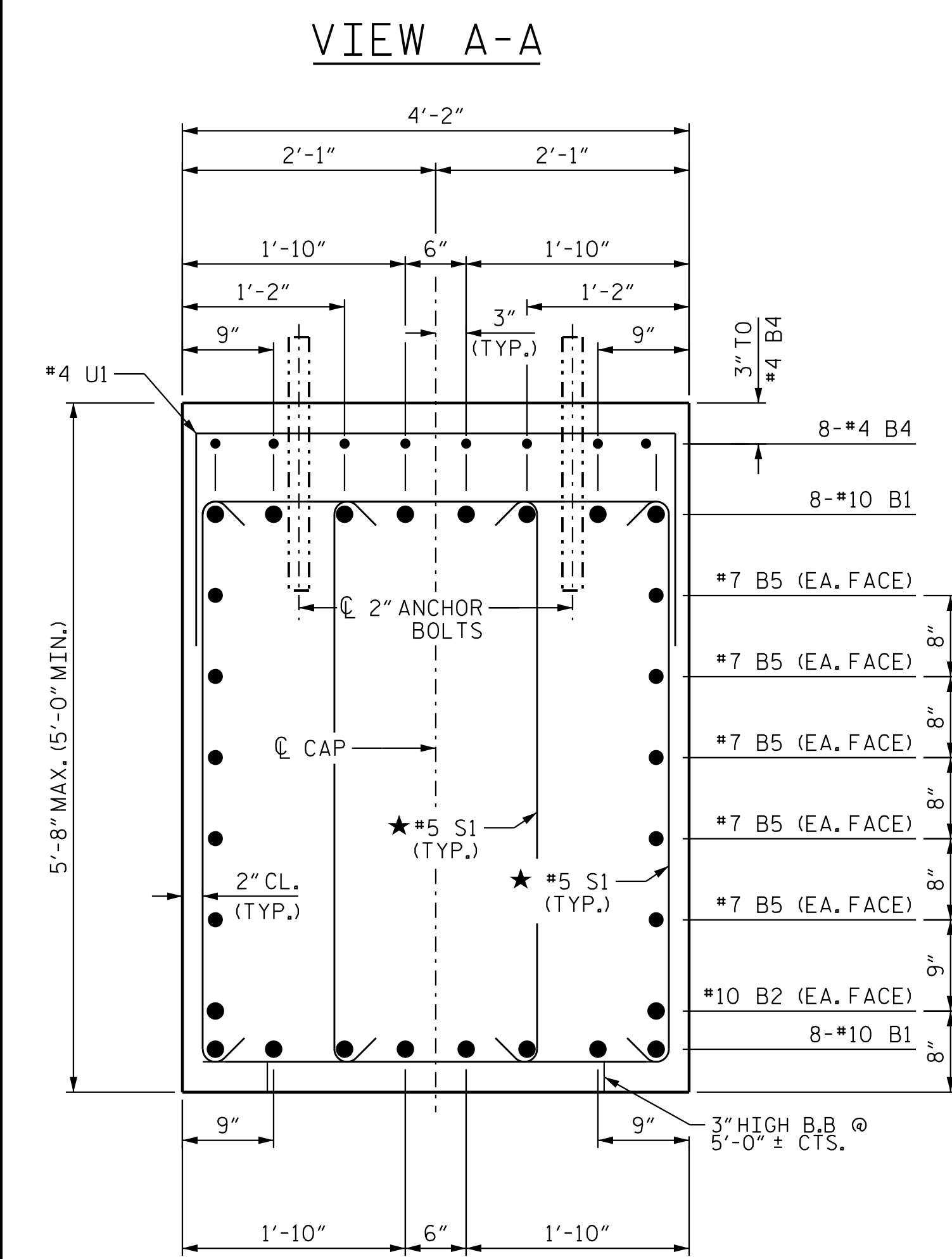
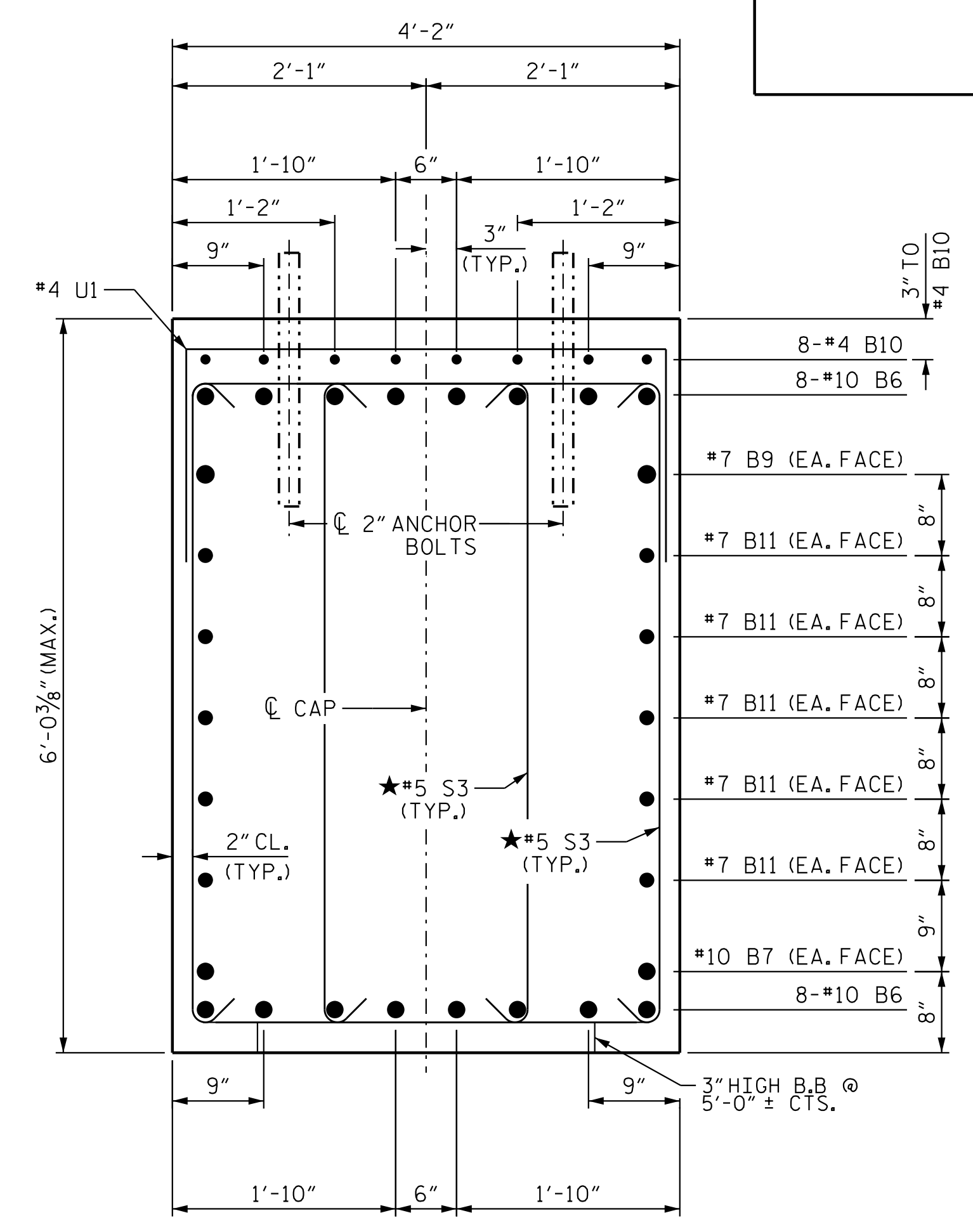


BENT 1 - STAGE I						BENT 1 - STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	16	#10		34'-4"	2364	B6	16	#10		32'-7"	2243
B2	2	#10	STR	31'-11"	275	B7	2	#10	STR	31'-2"	268
B4	8	#4	STR	12'-7"	67	B9	2	#7	STR	29'-4"	120
B5	10	#7	STR	31'-11"	652	B10	24	#4	STR	8'-1"	130
						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	37'-7"	4089	M2	32	#9	STR	31'-7"	3436
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"	255
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	28'-1"	3056	V1	32	#9	1	28'-1"	3056
REINFORCING STEEL LBS. 12,734						REINFORCING STEEL LBS. 12,708					
SP-1	2	***	3	717'-2"	1,496	SP-3	2	***	3	576'-2"	1,202
SP-2	2	**	4	916'-0"	1,224	SP-2	2	**	4	916'-0"	1,224
SPIRAL COLUMN REINFORCING STEEL LBS. 2,720						SPIRAL COLUMN REINFORCING STEEL LBS. 2,426					
DRILLED PIER CONC. BREAKDOWN:						DRILLED PIER CONC. BREAKDOWN:					
POUR #1 DRILLED PIERS C. Y. 28.2						POUR #1 DRILLED PIERS C. Y. 22.6					
CLASS A CONCRETE BREAKDOWN						CLASS A CONCRETE BREAKDOWN					
POUR #2 COLUMNS C. Y. 15.9						POUR #2 COLUMNS C. Y. 15.9					
POUR #3 CAP C. Y. 25.1						POUR #3 CAP C. Y. 28.4					
TOTAL CLASS A CONC. C. Y. 41.0						TOTAL CLASS A CONC. C. Y. 44.3					



SECTION B-B
★ INVERT ALTERNATE STIRRUPS



SECTION C-C
★ INVERT ALTERNATE STIRRUPS

ALL BAR DIMENSIONS ARE OUT TO OUT.

5/9/2023 2:45:50 PM jHogenbush 5/9/2023 2:45:50 PM jHogenbush

Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

DRAWN BY : J. B. GEILE DATE : 01/24/23
CHECKED BY : S.S. POOLE DATE : 01/25/23
DESIGN ENGINEER OF RECORD : S.S. POOLE DATE : 05/09/23



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

SHEET 4 OF 4

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S5-43
1			3			TOTAL SHEETS
2			4			56

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUBSTRUCTURE
BENT 1 DETAILS
(LEFT LANE)