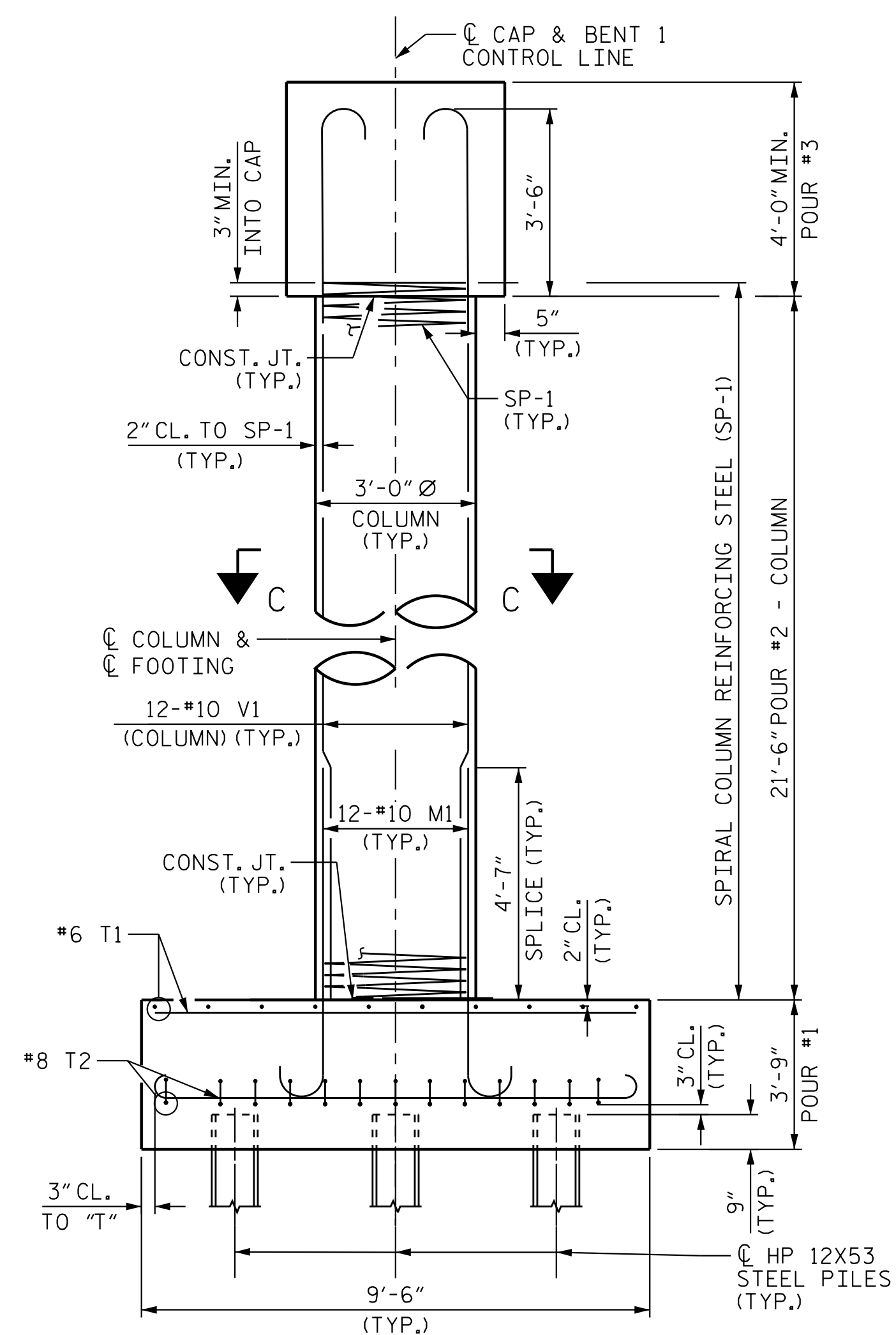
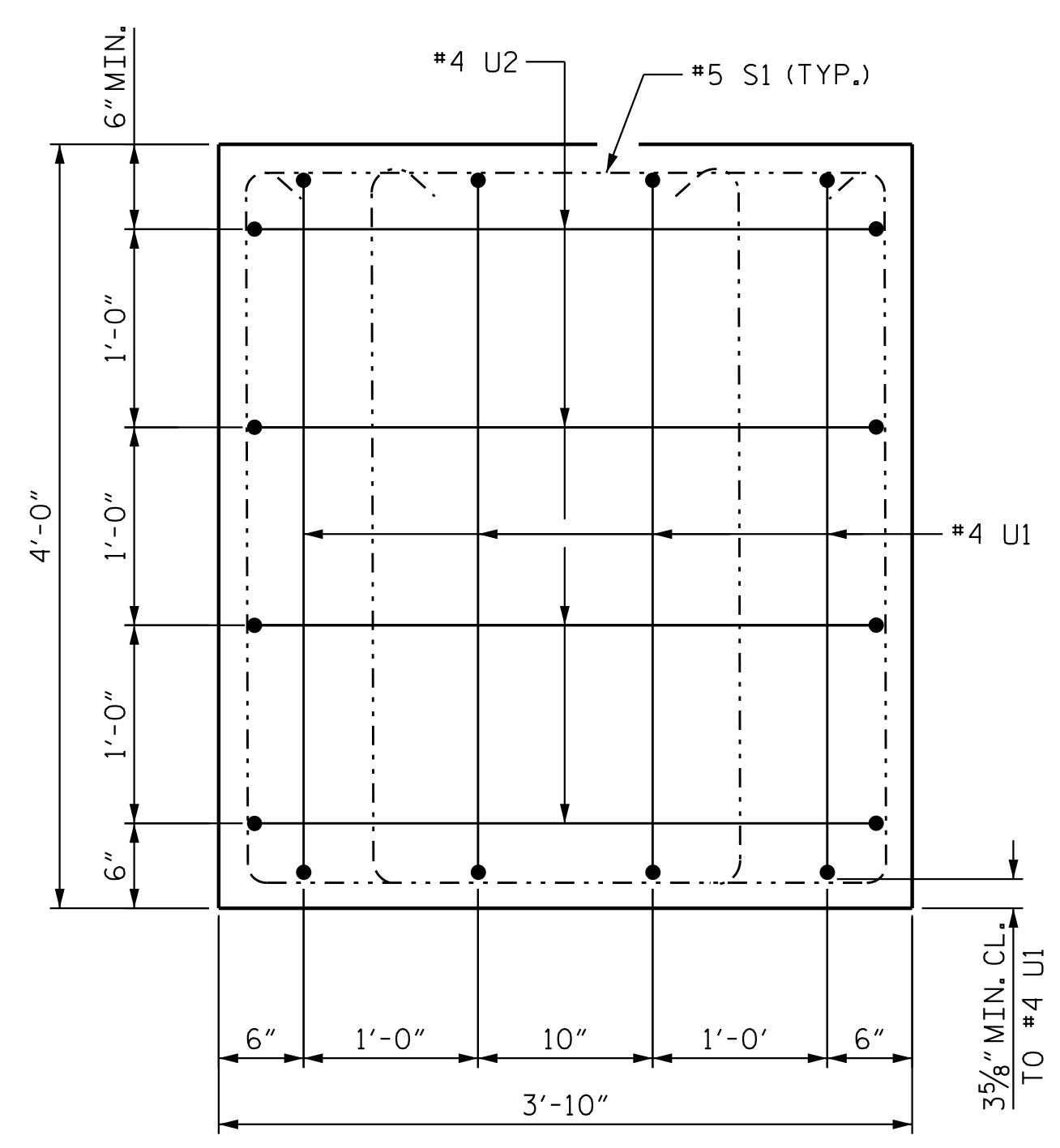


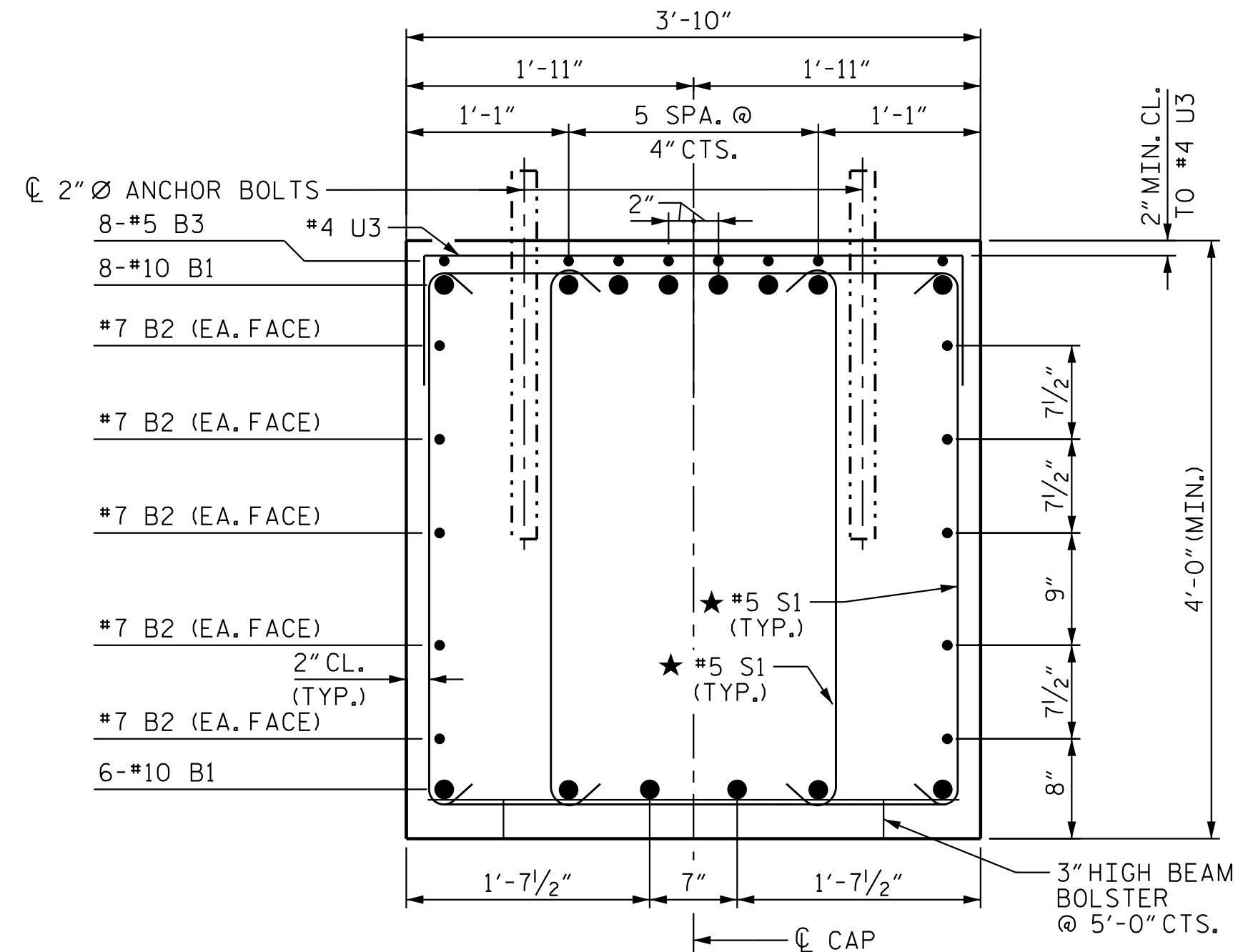
SPAN A SPAN B



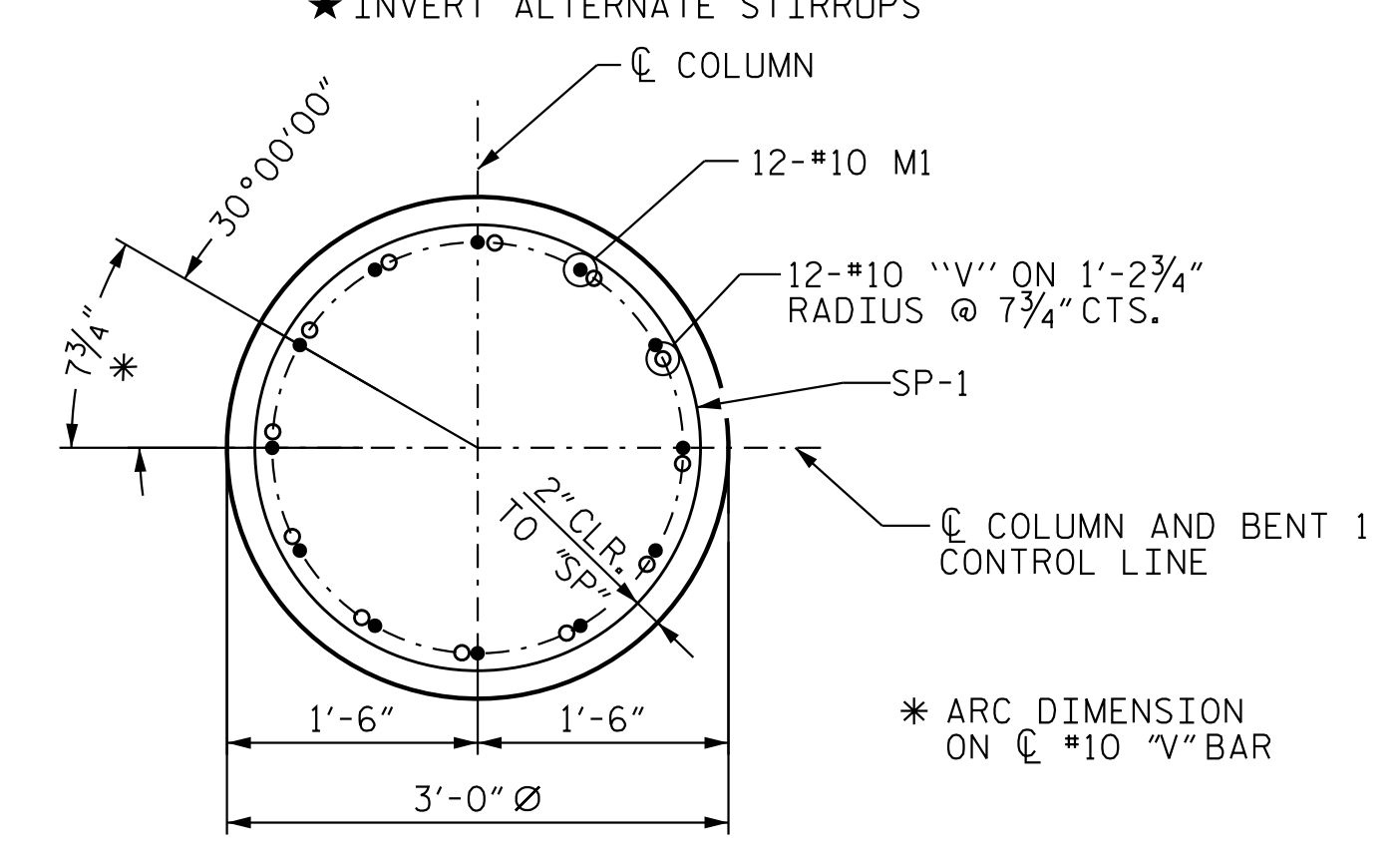
END ELEVATION



VIEW A-A

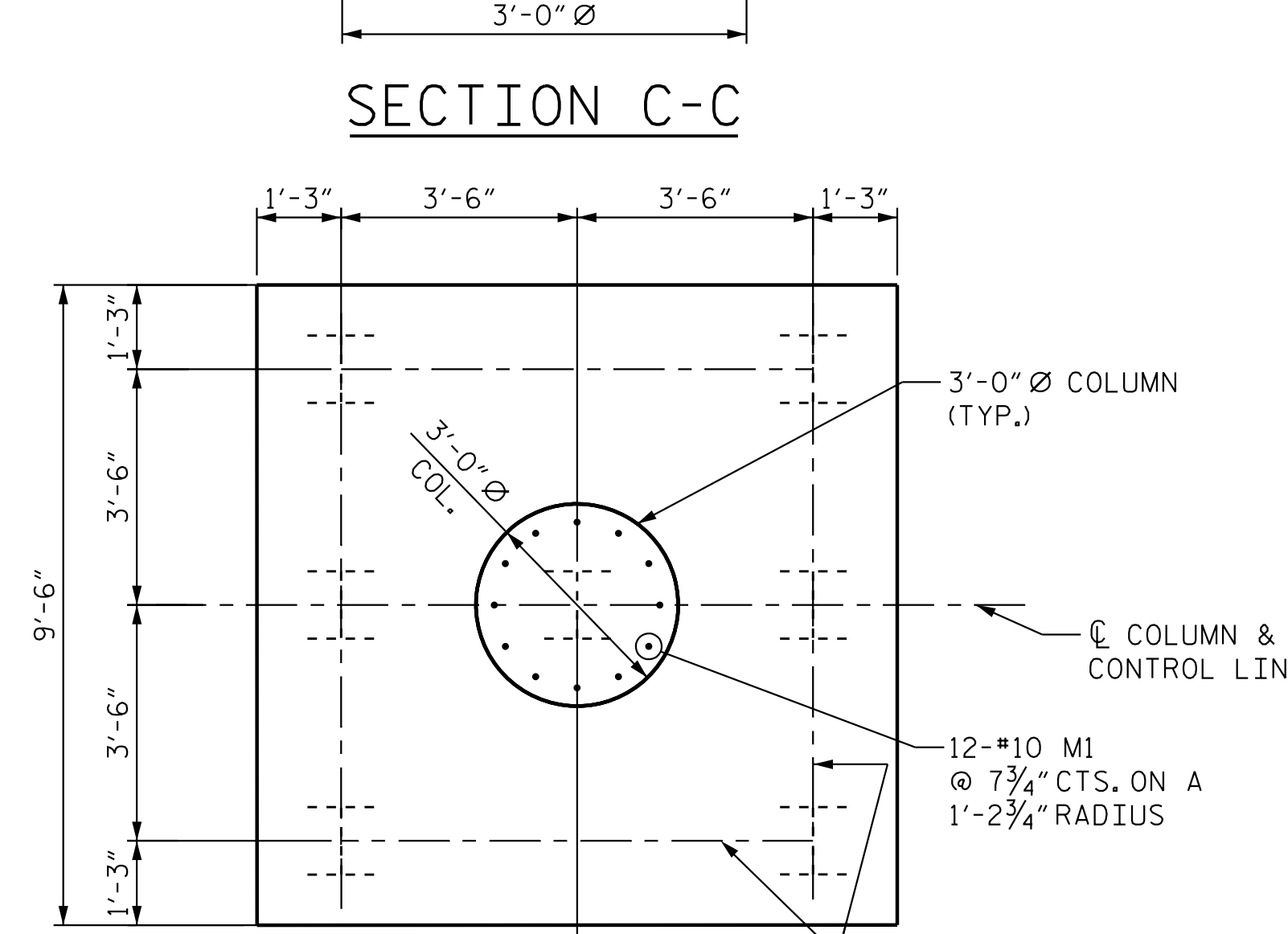
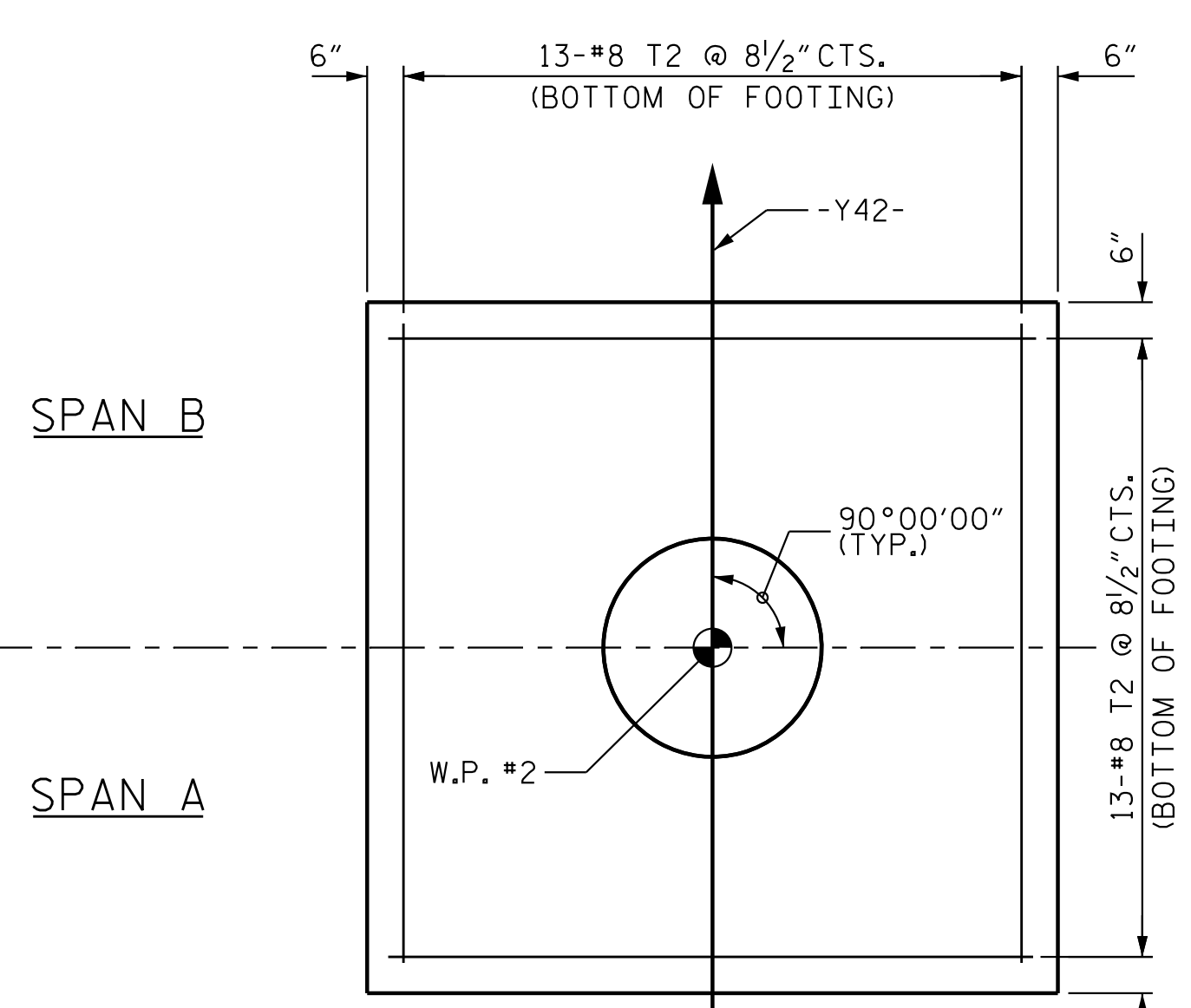
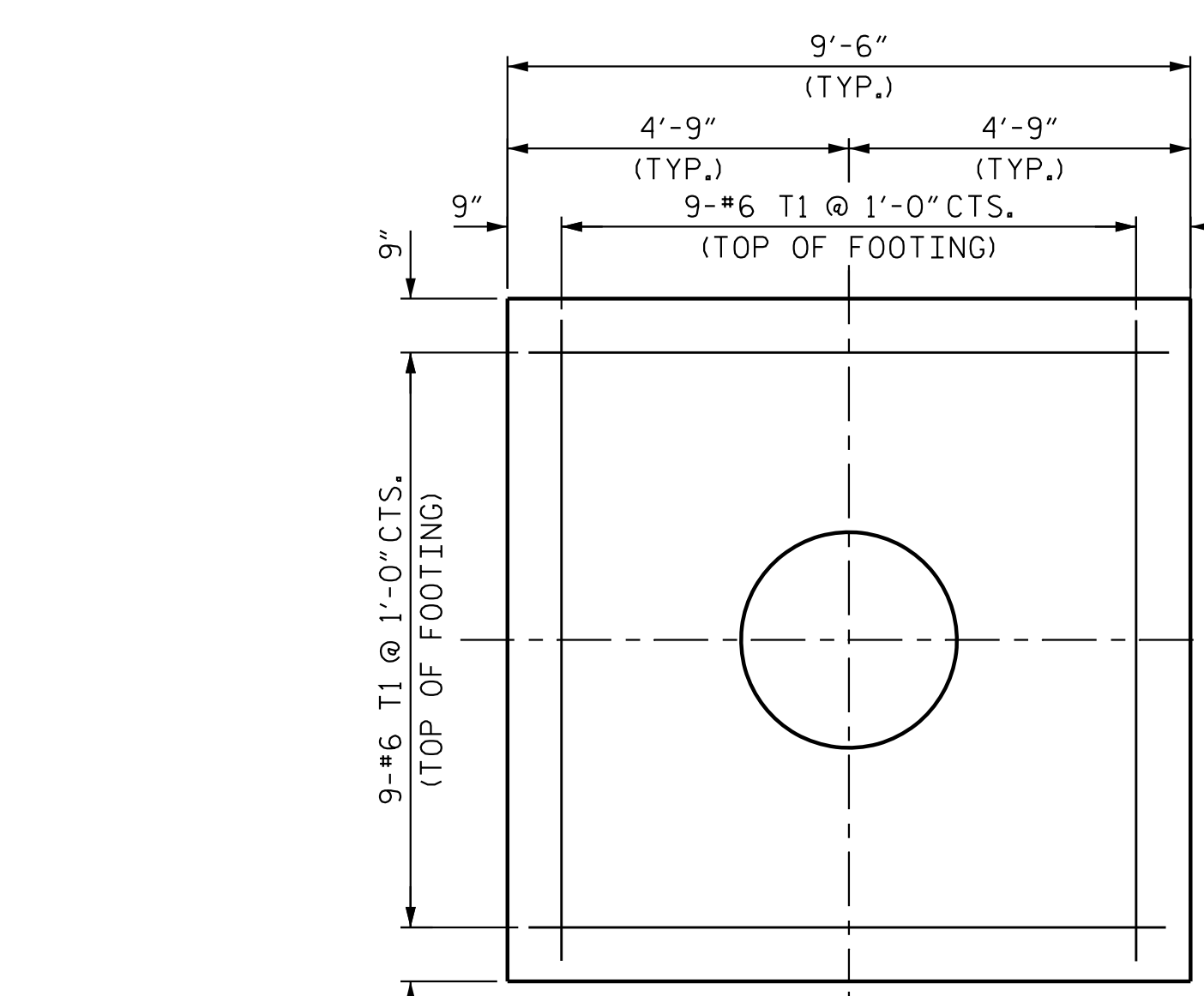


SECTION B-B



SECTION C-C

BAR TYPES		BILL OF MATERIAL				
		BENT 1				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	14	#10		42'-11"	2585	
B2	10	#7	STR	39'-9"	813	
B3	8	#5	STR	16'-4"	136	
M1	36	#10		8'-7"	1330	
S1	116	#5		10'-11"	1321	
S2	24	#5		11'-8"	292	
T1	54	#6	STR	9'-0"	730	
T2	78	#8		10'-10"	2256	
U1	29	#4		6'-6"	126	
U2	12	#4		6'-4"	51	
V1	36	#10		26'-5"	4092	
REINFORCING STEEL				LBS.	13,731	
SP-1	3	**	4	742'-7"	1,488	
** THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W-20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						
SPIRAL COLUMN REINFORCING STEEL				LBS.	1,488	
CLASS A CONCRETE BREAKDOWN:						
POUR #1 (FOOTINGS)				C.Y.	37.6	
POUR #2 (COLUMNS)				C.Y.	16.8	
POUR #3 (CAP)				C.Y.	23.6	
TOTAL CLASS A CONCRETE				C.Y.	78.0	



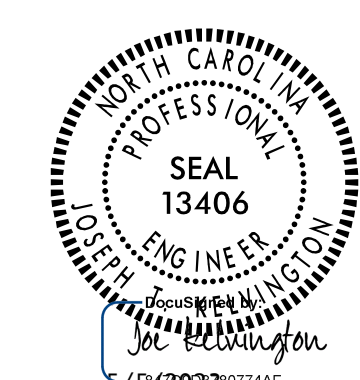
PLAN OF FOOTING AND COLUMNS

NOTE: DIMENSIONS AND DETAILS SHOWN ARE TYPICAL FOR EACH FOOTING.

PROJECT NO. R-2707E
 CLEVELAND COUNTY
 STATION: 13+08.49 -Y42-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT 1 DETAILS



REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S7-27	
1			3			TOTAL SHEETS 34	
2			4				

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Stantec
 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: 01/19/23
 CHECKED BY: A. L. BOYKIN DATE: 02/17/23
 DESIGN ENGINEER OF RECORD: J. T. KELVINGTON DATE: 05/05/23

5/5/2023 12:51:41 PM jgeile
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