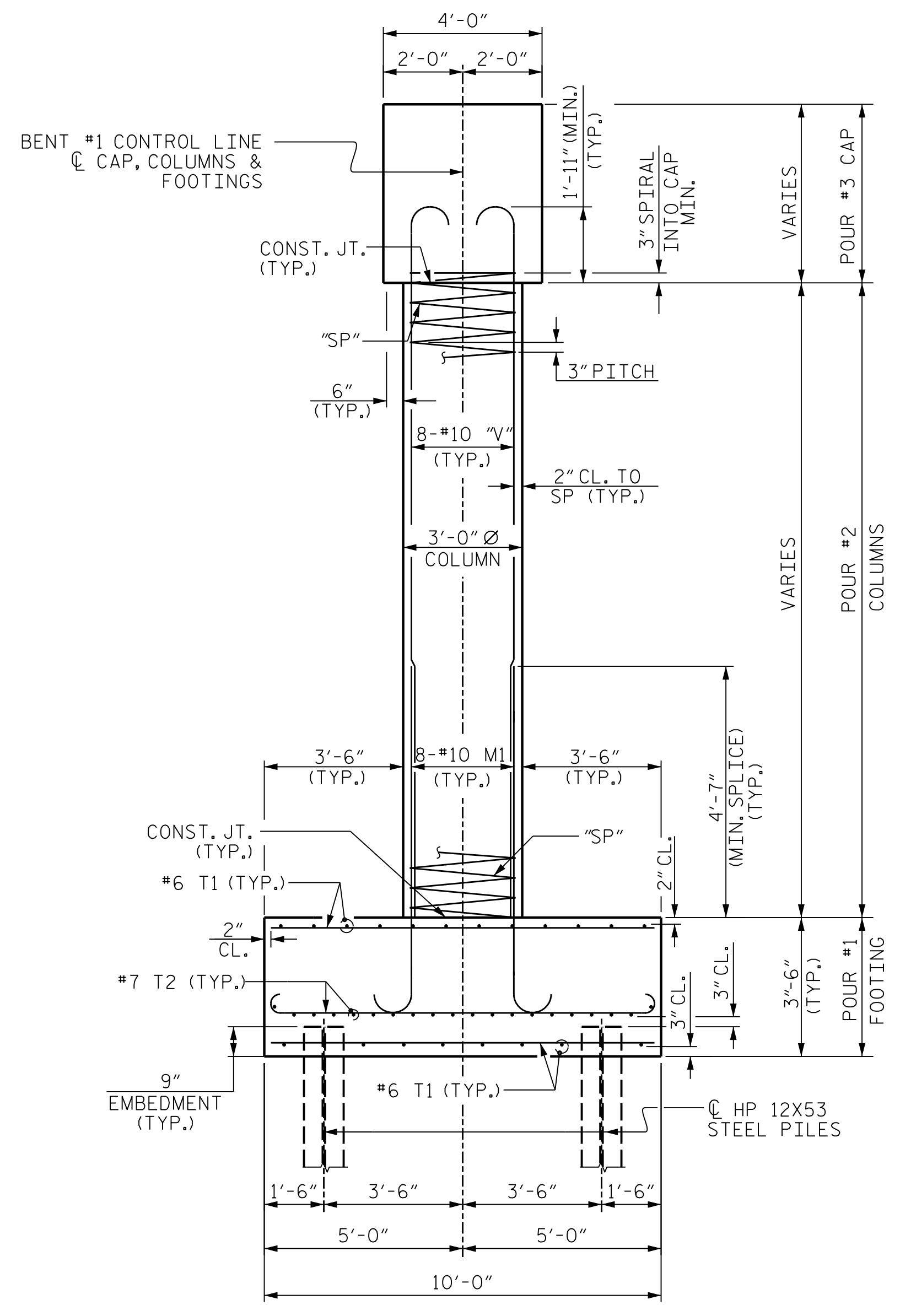
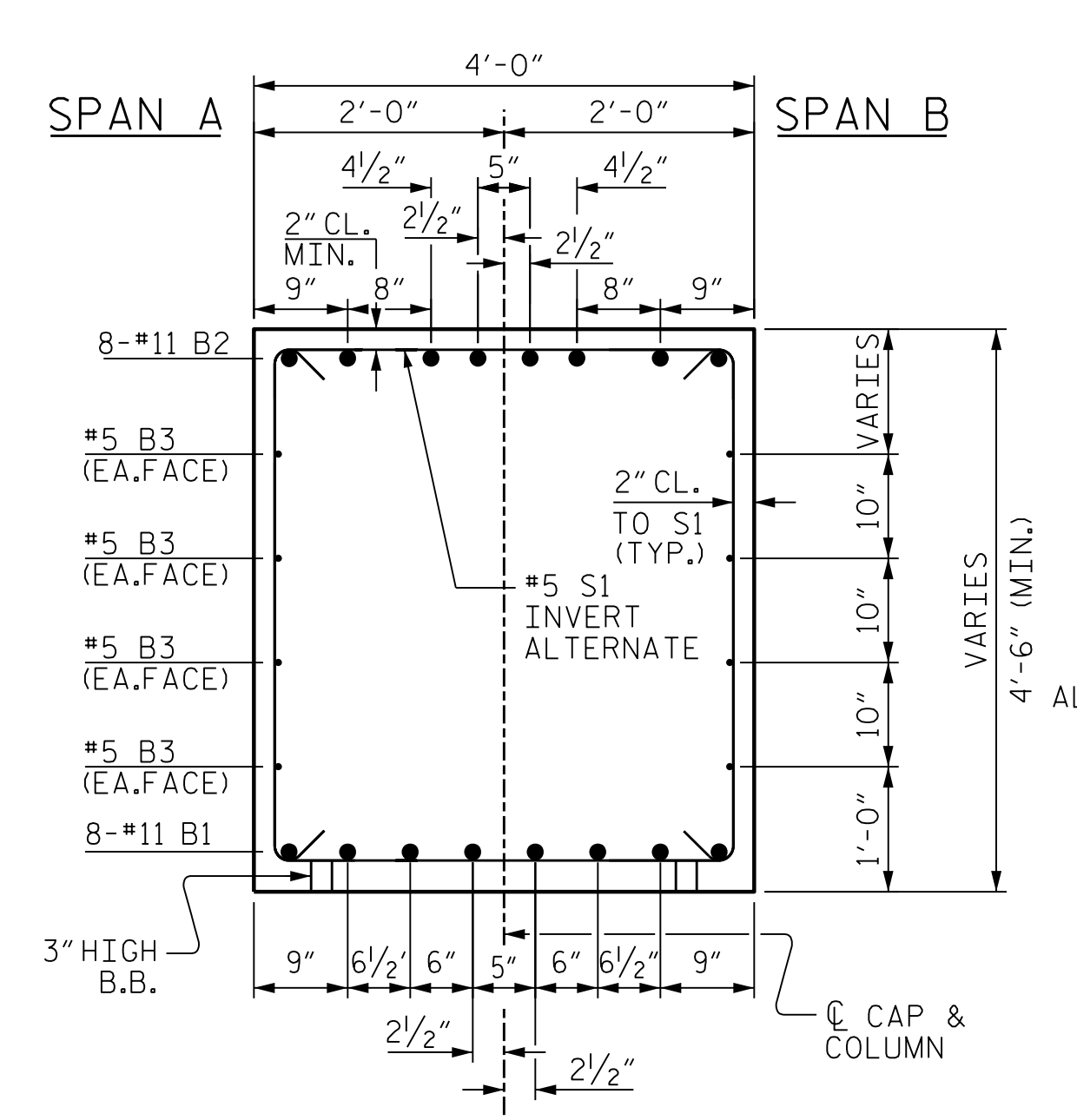


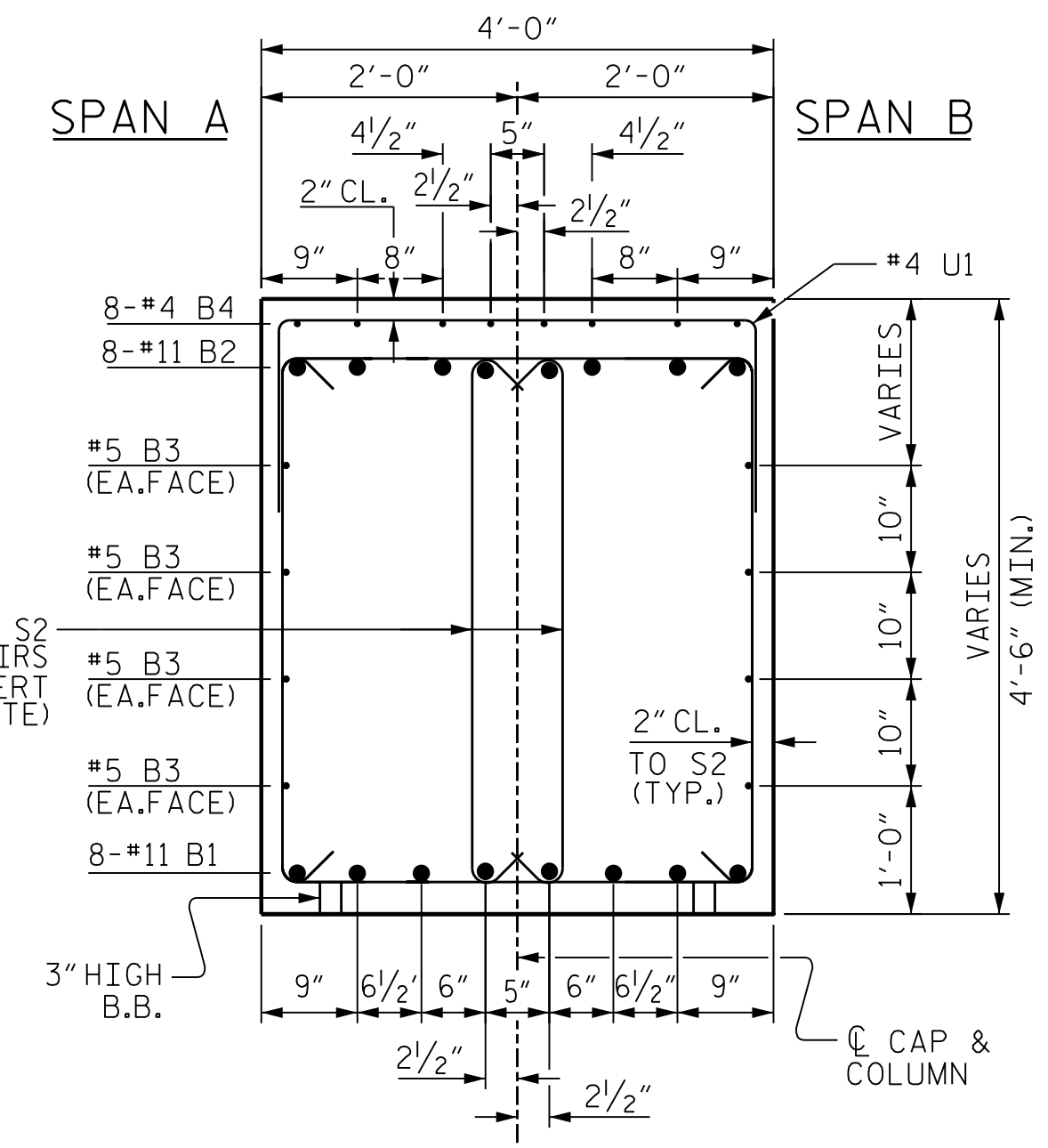
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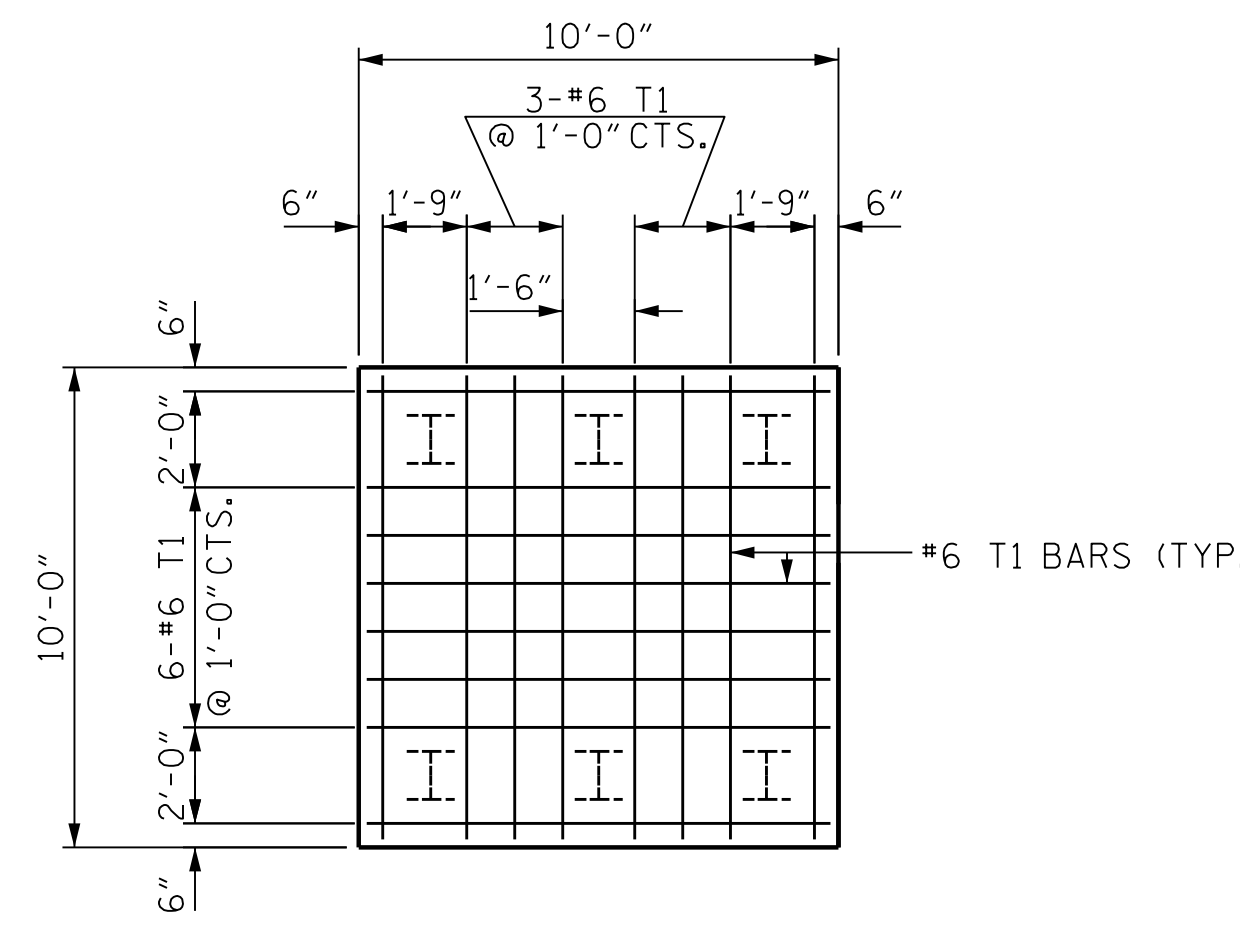
END ELEVATION



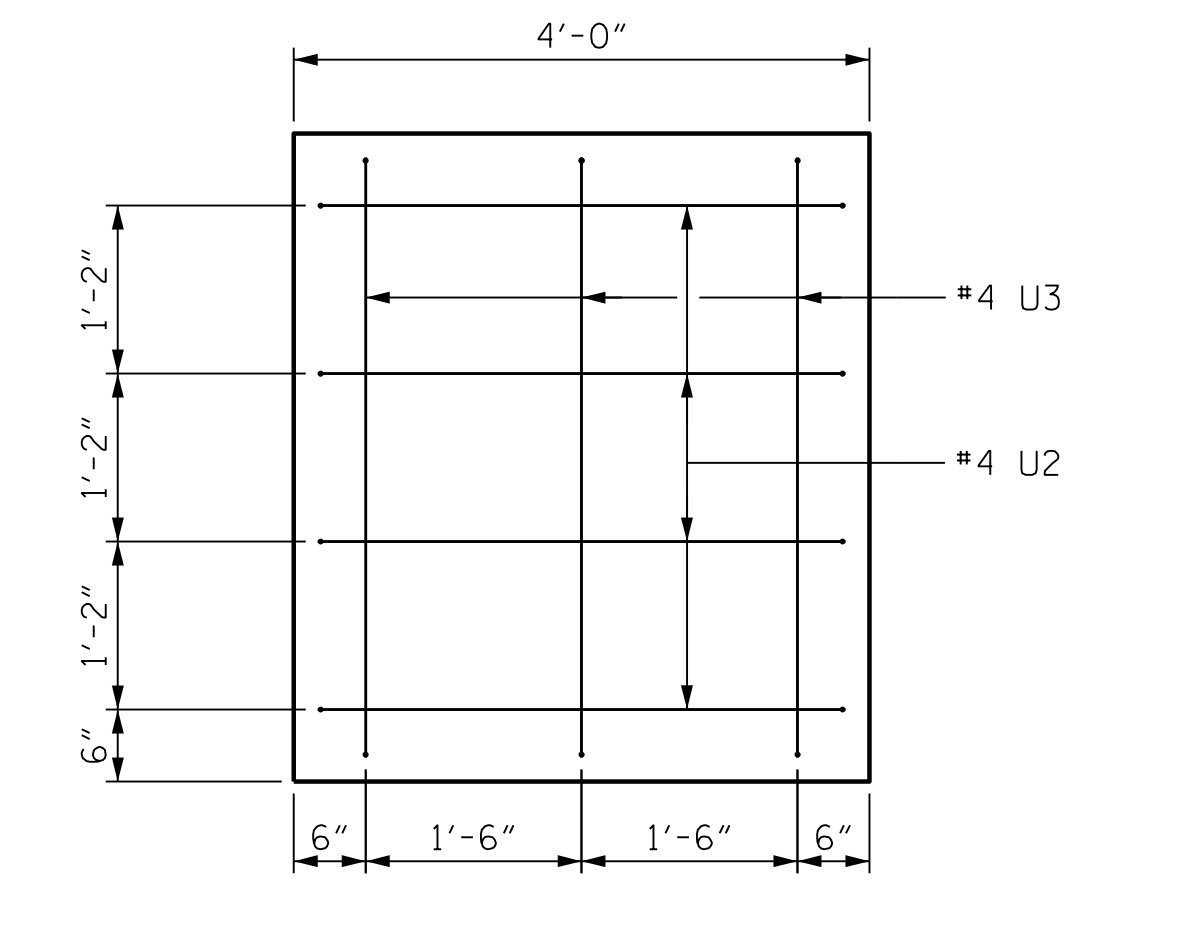
SECTION A-A



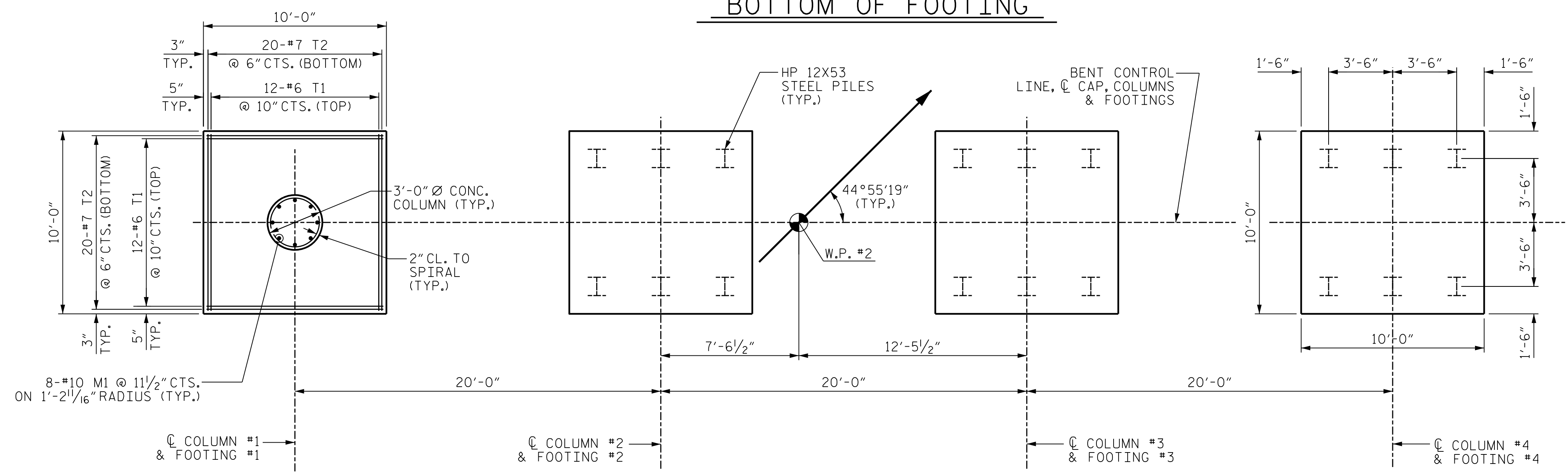
SECTION B-B



**ADDITIONAL REINFORCING STEEL
BOTTOM OF FOOTING**

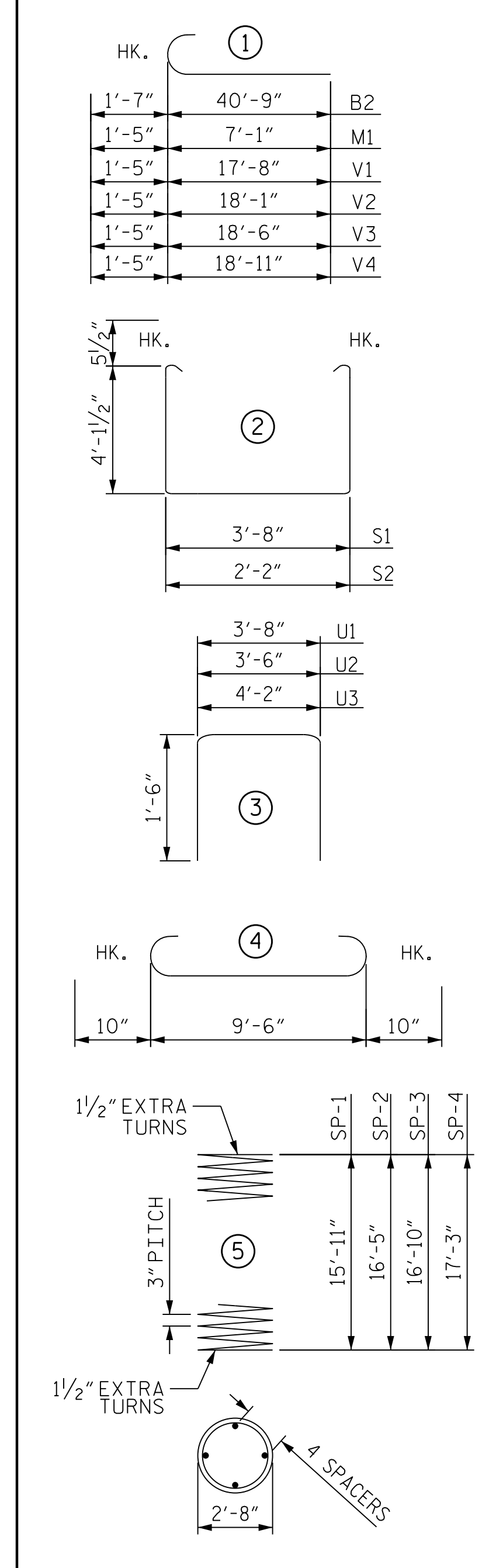


END CAP VIEW

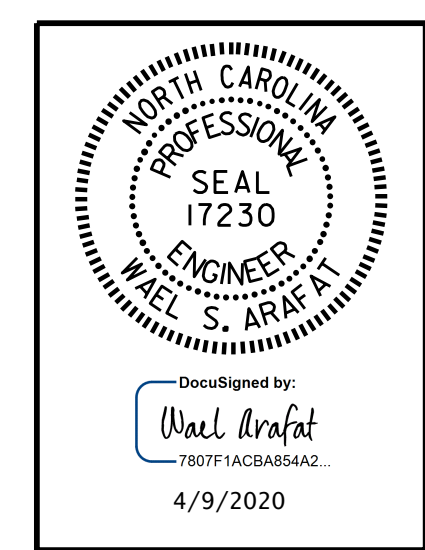


PLAN OF COLUMNS AND FOOTINGS

REINFORCING STEEL IS TYPICAL FOR EACH COLUMN AND FOOTING



BILL OF MATERIAL					
BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	16	#11	STR	39'-6"	3358
B2	16	#11	1	42'-4"	3599
B3	16	#5	STR	36'-10"	615
B4	48	#4	STR	2'-9"	88
M1	32	#10	1	8'-6"	1170
S1	61	#5	2	12'-10"	816
S2	64	#5	2	11'-4"	757
T1	160	#6	STR	9'-8"	2323
T2	160	#7	4	11'-2"	3652
U1	36	#4	3	6'-8"	160
U2	8	#4	3	6'-6"	35
U3	6	#4	3	7'-2"	29
V1	8	#10	1	19'-1"	657
V2	8	#10	1	19'-6"	671
V3	8	#10	1	19'-11"	686
V4	8	#10	1	20'-4"	700
REINFORCING STEEL				LBS.	19316
SP1	1	**	5	552'-10"	369
SP2	1	**	5	569'-4"	380
SP3	1	**	5	585'-10"	391
SP4	1	**	5	594'-1"	397
SPIRAL COLUMN REINFORCING STEEL				LBS.	1537
CLASS A CONCRETE BREAKDOWN					
POUR 1 (FOOTINGS)				C. Y.	51.9
POUR 2 (COLUMNS)				C. Y.	17.1
POUR 3 (CAP)				C. Y.	48.9
TOTAL				C. Y.	117.9
HP 12X53 STEEL PILES				L.F.	720
PILE DRIVING EQUIPMENT SET-UP FOR HP 12X53 STEEL PILES				EA.	24
FOUNDATION EXCAVATION				L.S.	
** THE SP1 THRU SP4 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.					



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PARRISH & PARTNERS
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 NC License #P-1212

PROJECT NO. BR-0047
STOKES COUNTY
 STATION: 18+27.98 -L-

SHEET 2 OF 2
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT No. 1

DRAWN BY :	G.C. MORRIS	DATE :	10-19
CHECKED BY :	W.S. ARAFAT	DATE :	12-19
DESIGN ENGINEER OF RECORD:	O. PUIGSERVER	DATE :	11-19

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S-33
2			4			39