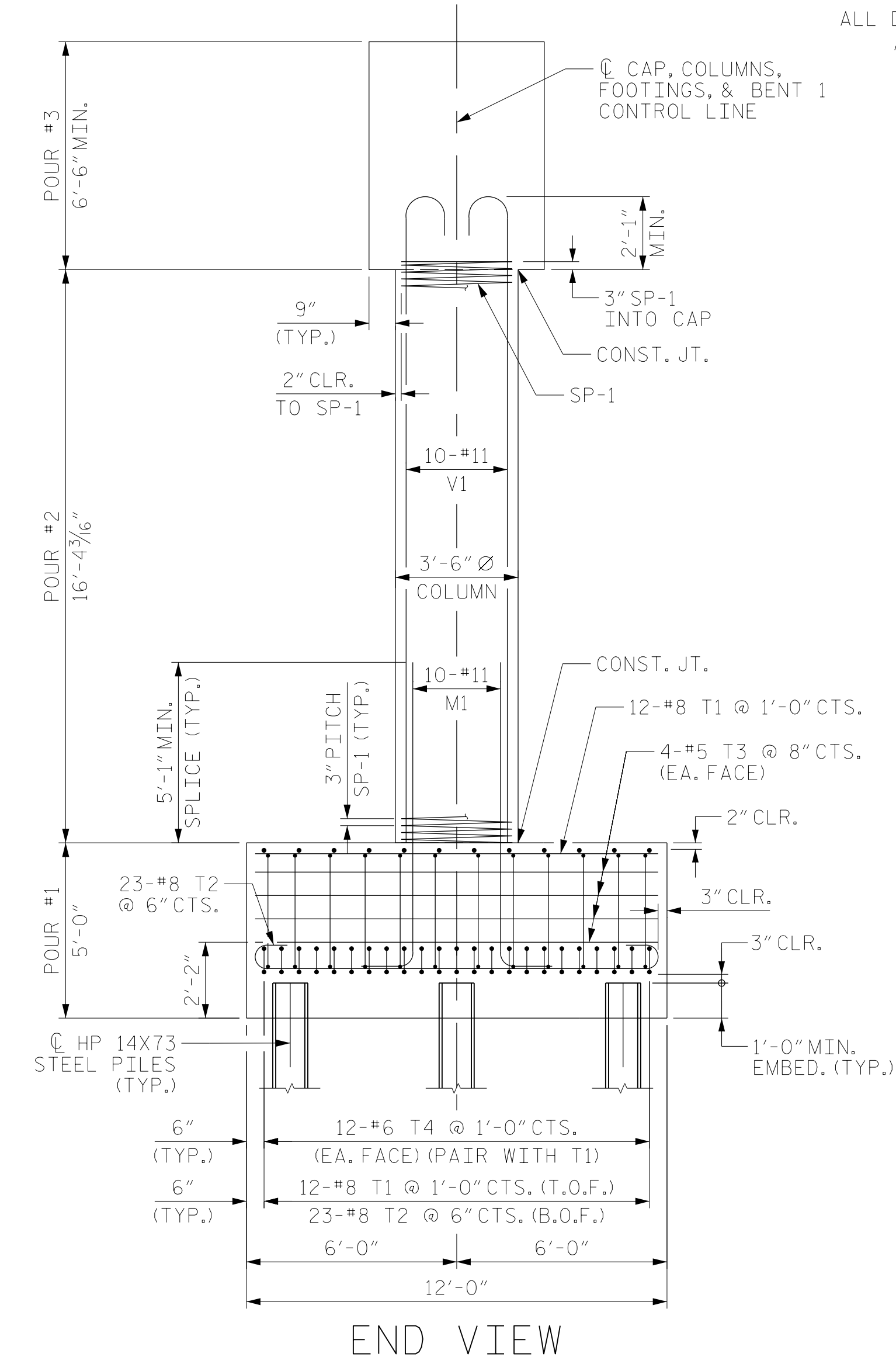
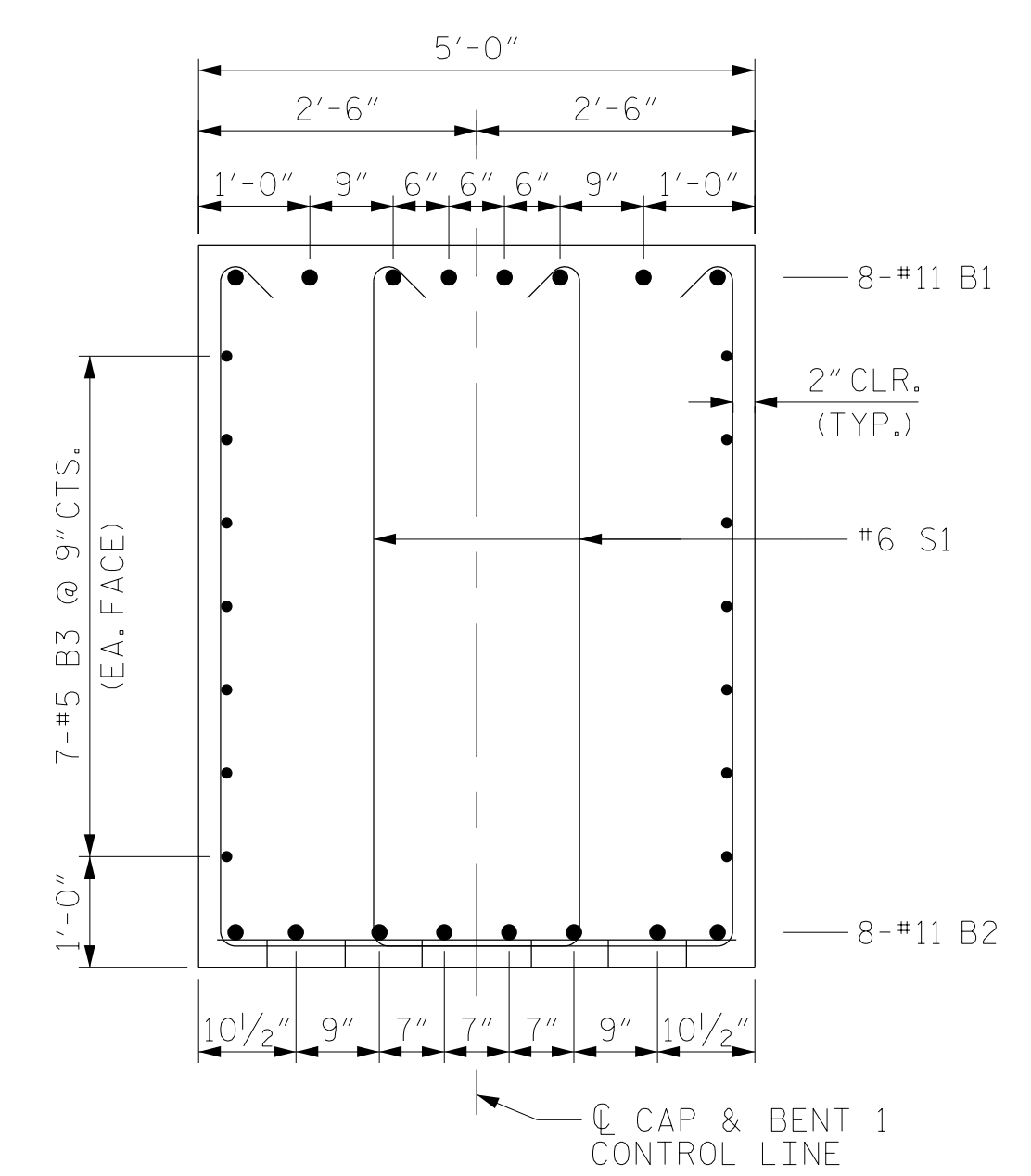


PLAN OF FOOTINGS

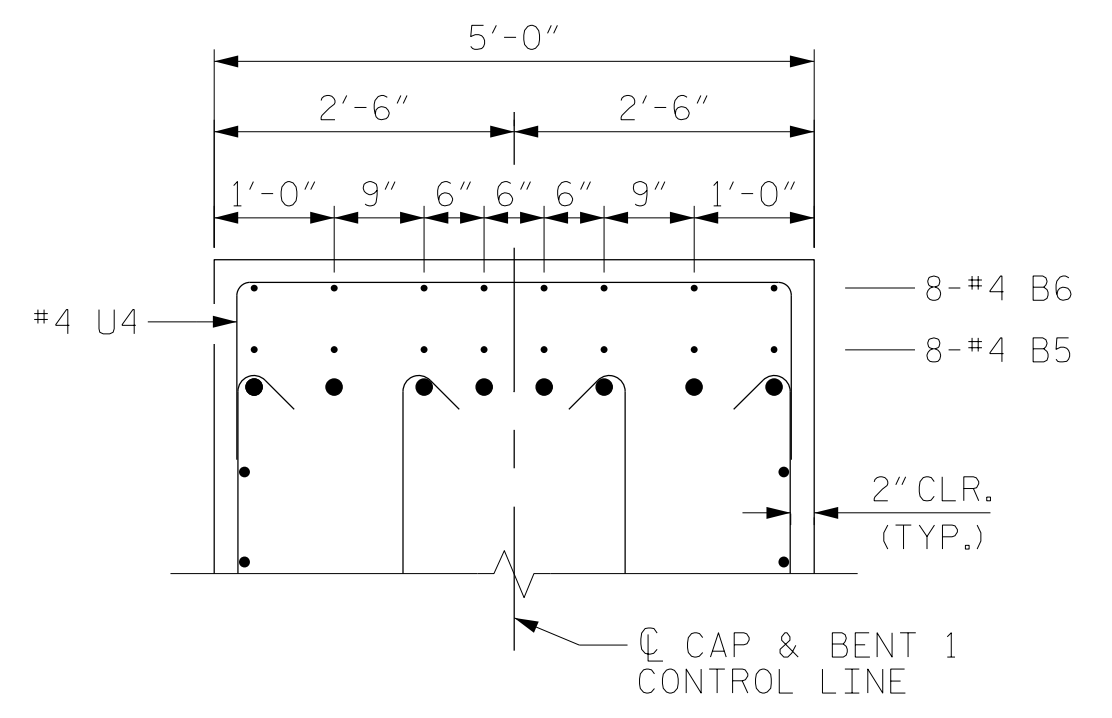
ALL DIMENSIONS AND REINFORCING STEEL ARE TYPICAL FOR EACH FOOTING



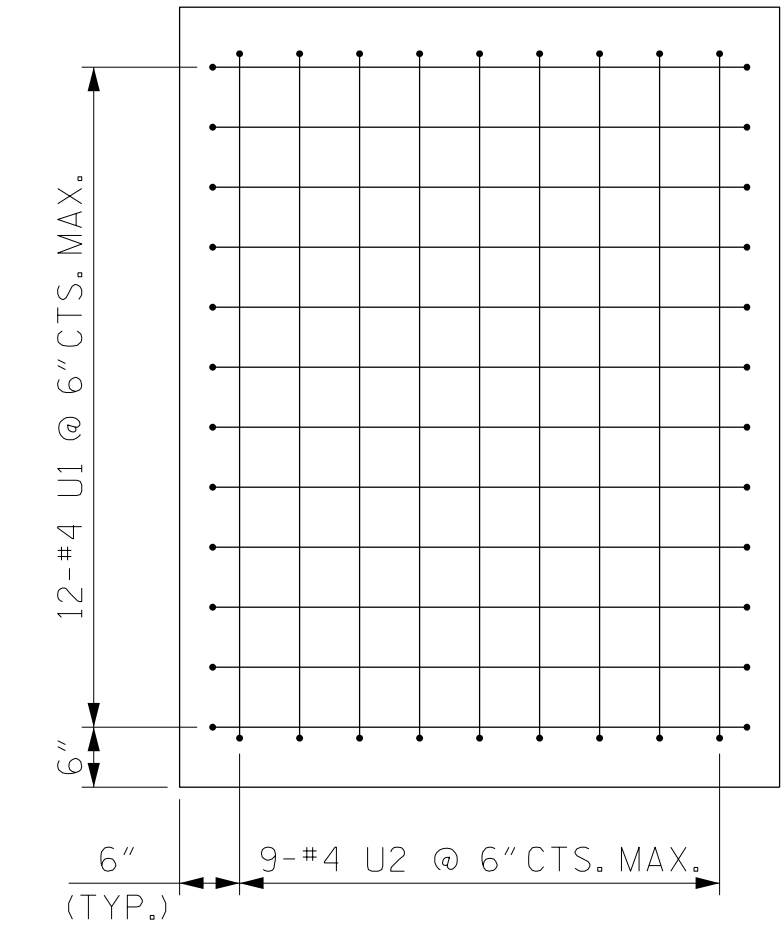
END VIEW



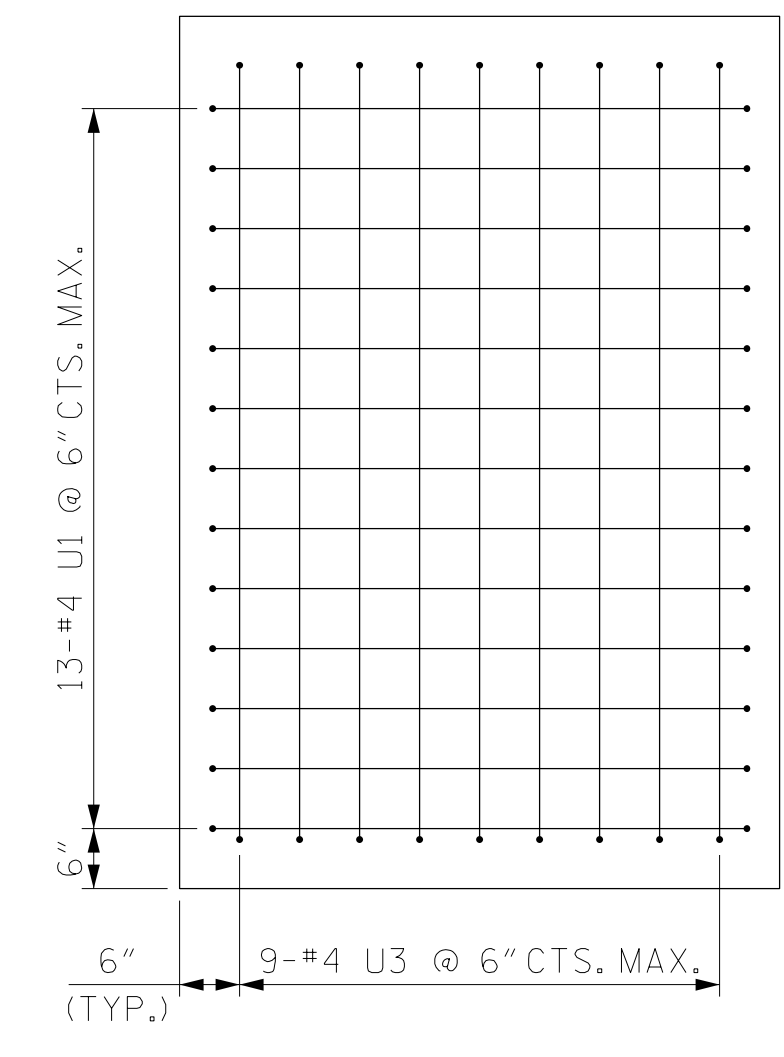
SECTION A-A



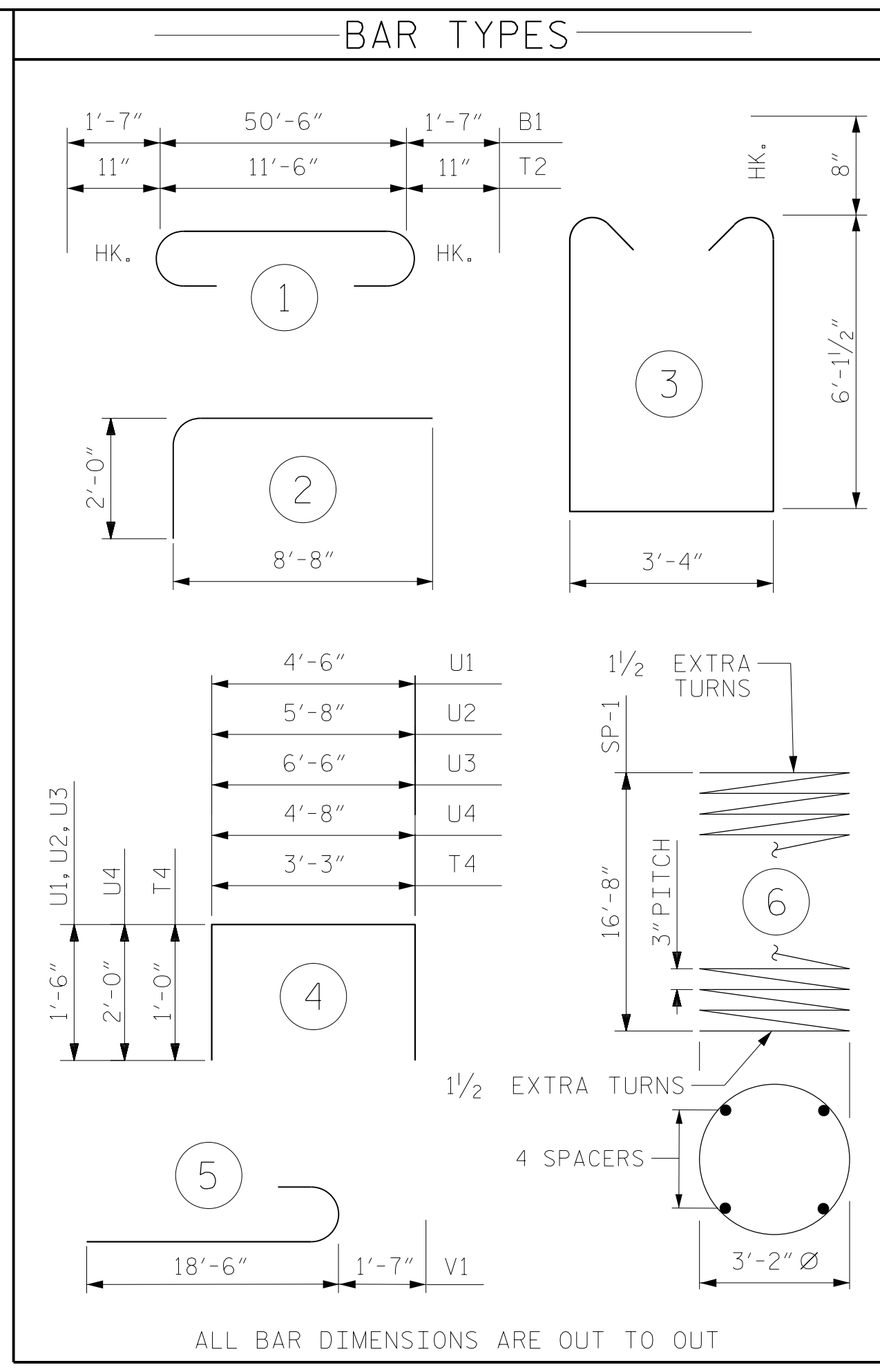
PARTIAL SECTION B-B



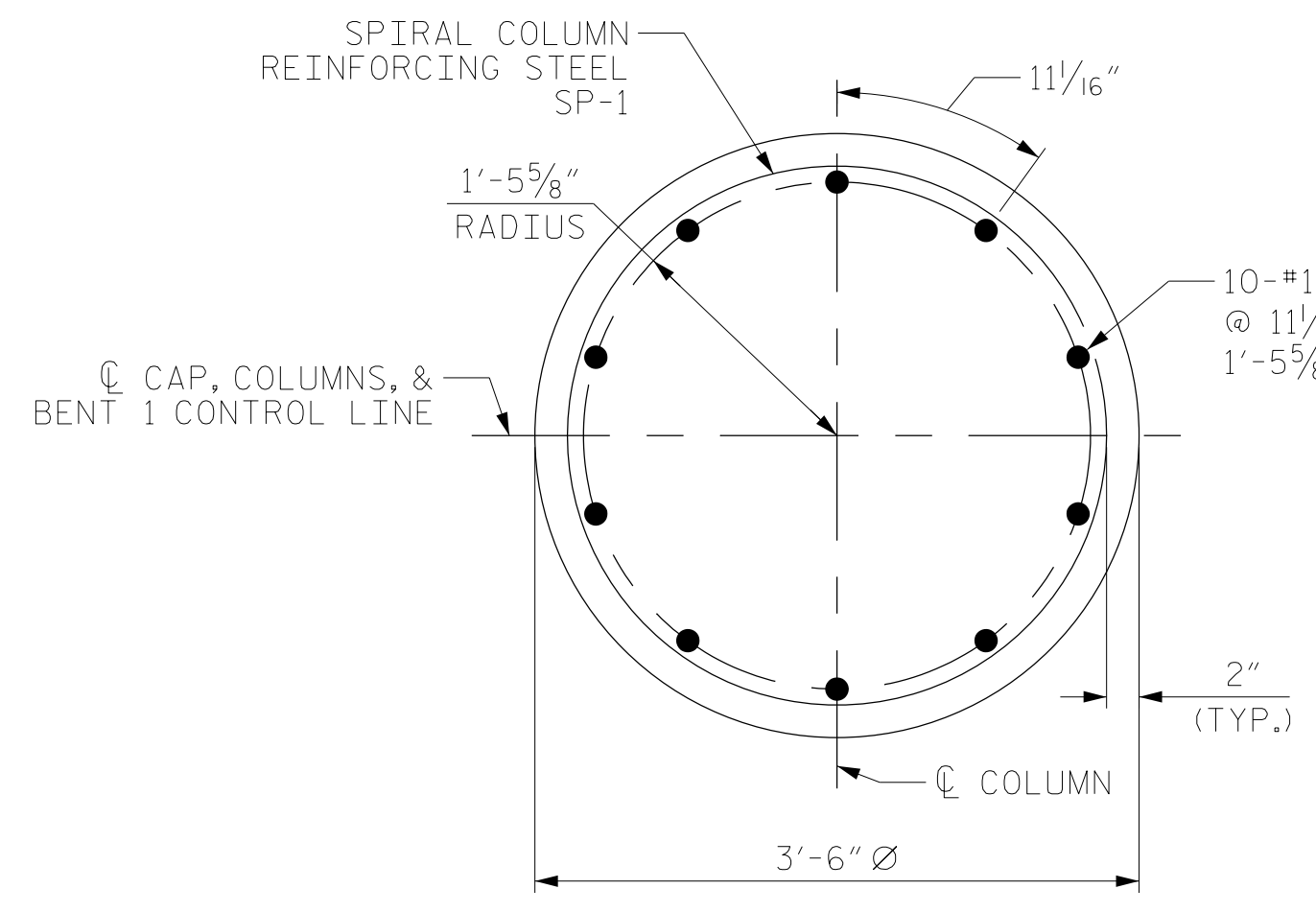
VIEW C-C



VIEW D-D



ALL BAR DIMENSIONS ARE OUT TO OUT



COLUMN SECTION

DIMENSIONS OF REINFORCING STEEL ARE TYPICAL FOR EACH COLUMN

BILL OF MATERIAL

BENT 1						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	8	#11		53'-8"	2281	
B2	8	#11	STR	50'-8"	2154	
B3	14	#5	STR	50'-8"	740	
B4	8	#4	STR	17'-11"	96	
B5	8	#4	STR	19'-8"	105	
B6	8	#4	STR	4'-2"	22	
M1	30	#11	2	10'-8"	1700	
S1	152	#6	3	16'-11"	3862	
T1	72	#8	STR	11'-6"	2211	
T2	138	#8	1	13'-4"	4913	
T3	48	#5	STR	11'-6"	576	
T4	144	#6	4	5'-3"	1136	
U1	25	#4	4	7'-6"	125	
U2	9	#4	4	8'-8"	52	
U3	9	#4	4	9'-6"	57	
U4	53	#4	4	8'-8"	307	
V1	30	#11	5	20'-1"	3201	
REINFORCING STEEL				23,538 LBS.		
SP-1	3	*	6	682'-7"	1368	
SPIRAL COLUMN REINFORCING STEEL				1,368 LBS.		
* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR						
CLASS A CONCRETE BREAKDOWN						
POUR #1 (FOOTINGS)				80.0 C.Y.		
POUR #2 (COLUMNS)				17.5 C.Y.		
POUR #3 (CAP)				63.1 C.Y.		
TOTAL CLASS A CONCRETE				160.6 C.Y.		
HP 14X73 STEEL PILES NO. 27		608 LIN. FT.				
STEEL PILE POINTS		NO. 27				
PILE DRIVING EQUIPMENT SETUP		NO. 27				
FOUNDATION EXCAVATION		LUMP SUM				

NOTES:

- #8 T1 BARS IN TOP OF FOOTING MAY BE SHIFED AS NECESSARY TO AVOID #11 M1 BARS.
- T.O.F. = TOP OF FOOTING
- B.O.F. = BOTTOM OF FOOTING
- FOR PILE SPLICE DETAILS, SEE END BENT 1 DETAILS SHEET SI-36.

PROJECT NO. U-2579AB
 FORSYTH COUNTY
 STATION: 22+26.35 -Y1B-

SHEET 2 OF 2



8521 Six Forks Road, Suite 400
 919-926-4100 FAX 919-846-9080
 www.rsandh.com
 North Carolina License No. 007937-0403-1-C&E

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-38
1			3			TOTAL SHEETS 47
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY :	NSC	DATE :	10/2019
CHECKED BY :	MAL	DATE :	11/2019
DESIGN ENGINEER OF RECORD:	MAL	DATE :	11/2019