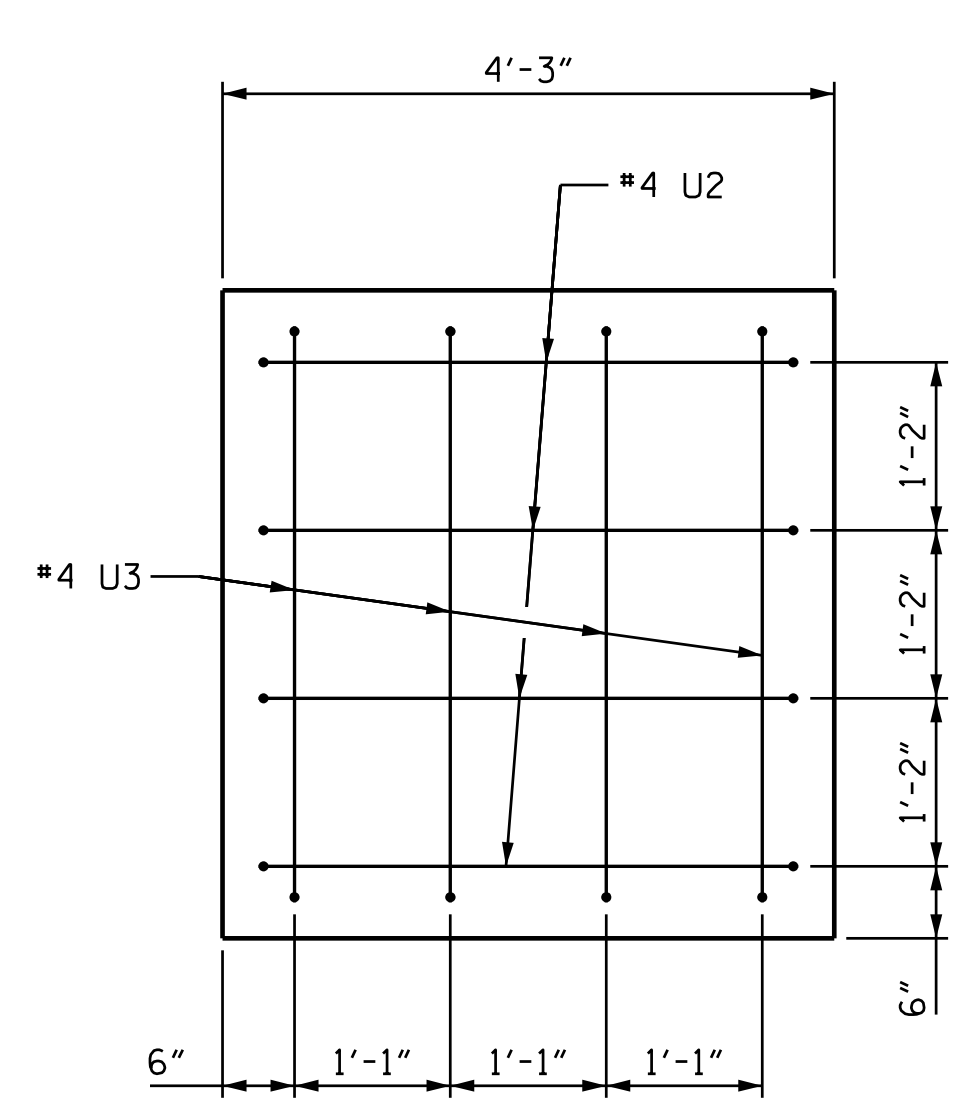
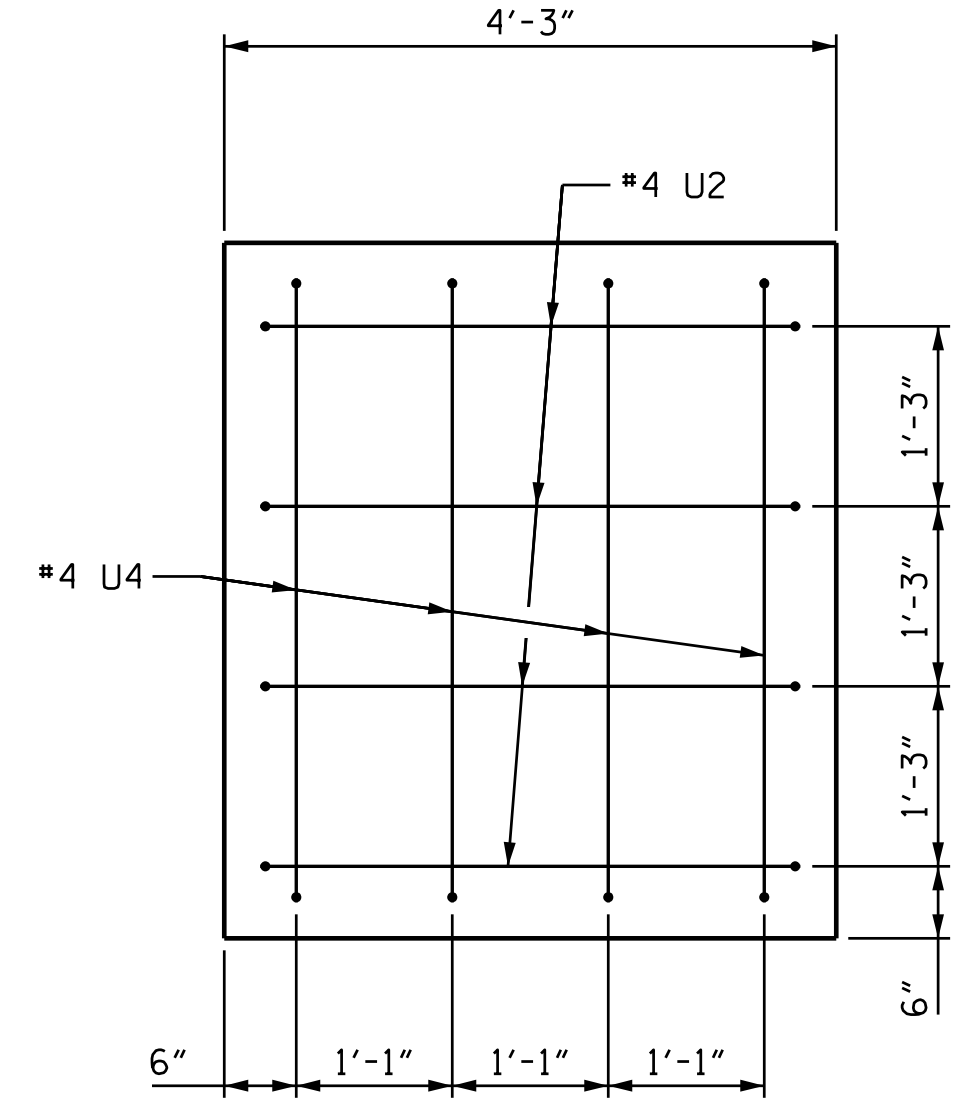


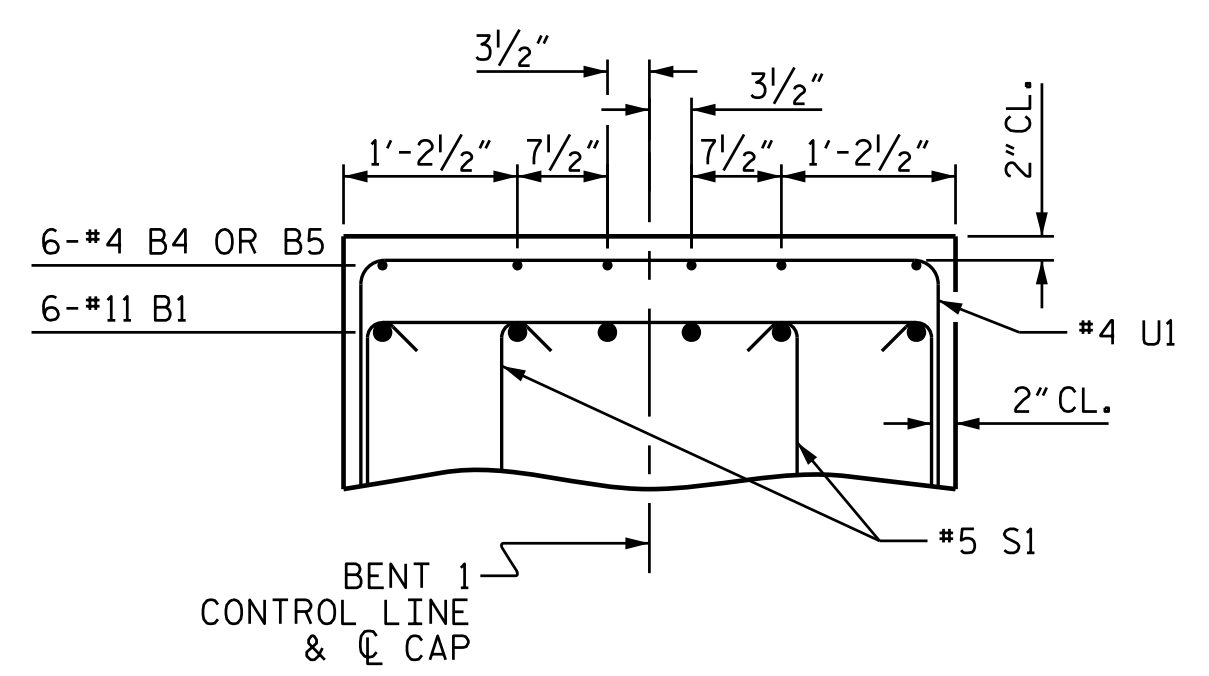
SECTION A-A



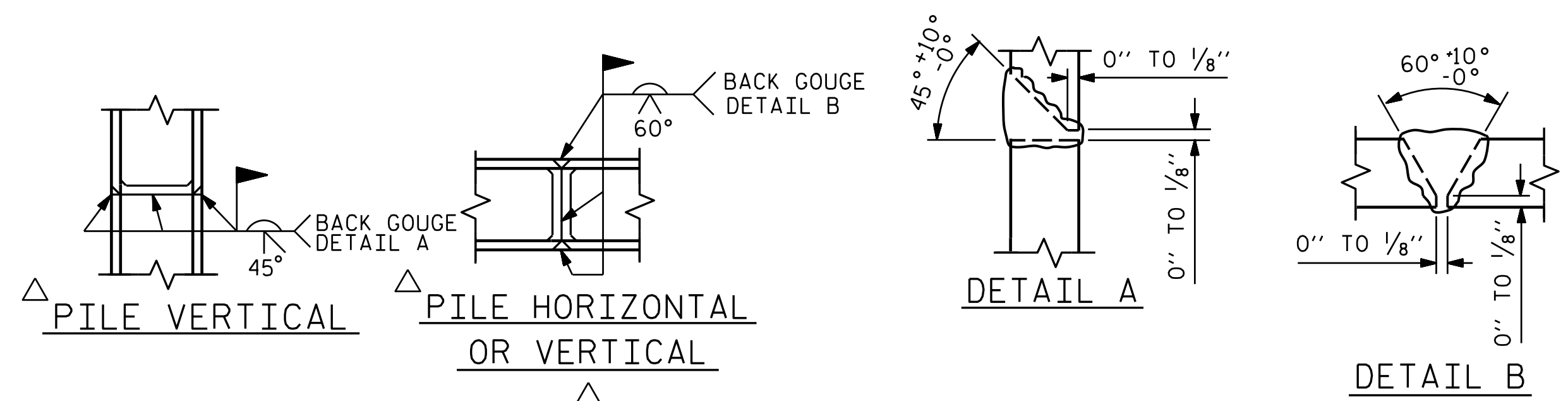
END OF CAP-VIEW X-X



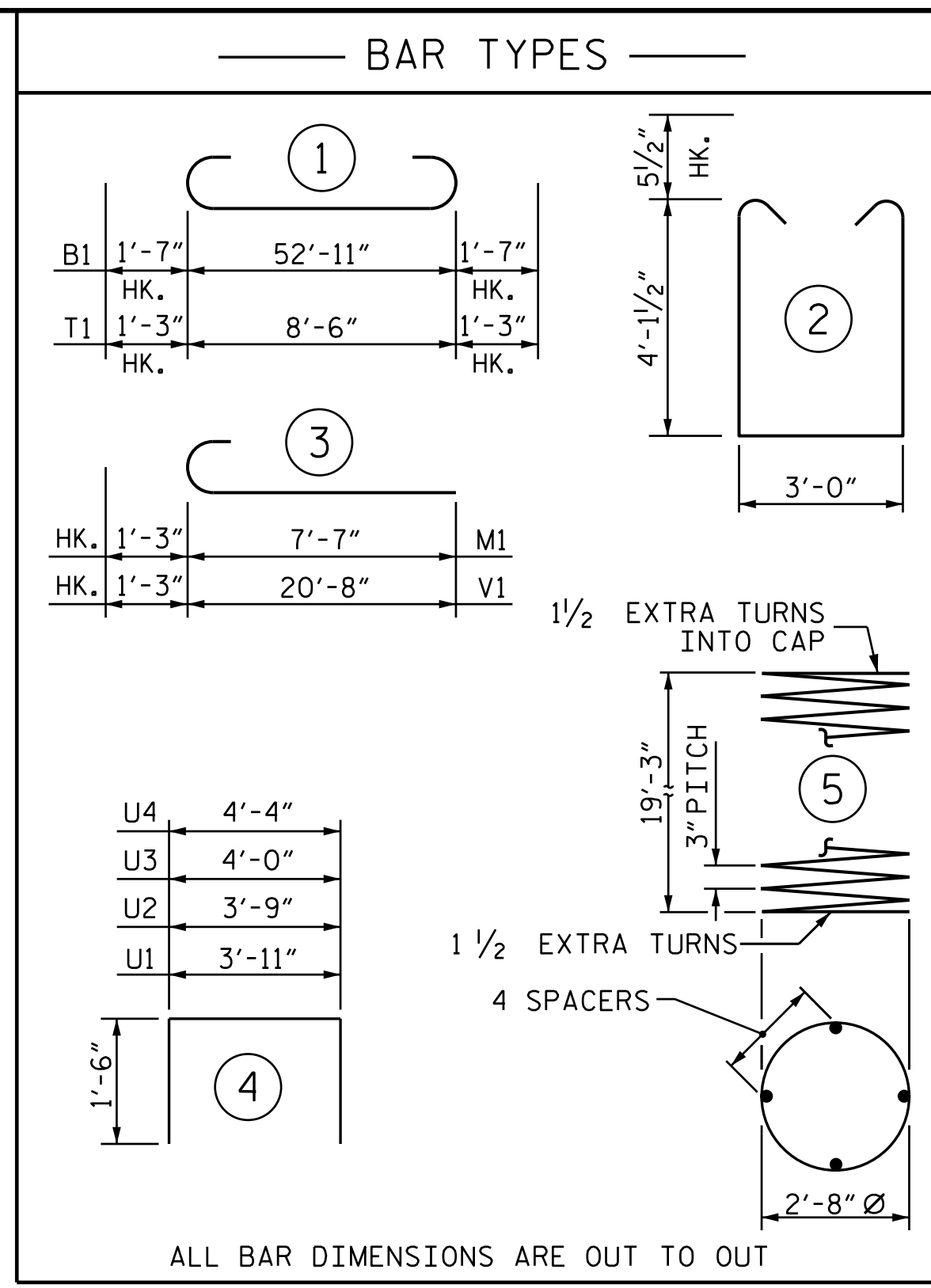
END OF CAP-VIEW Y-Y



SECTION B-B

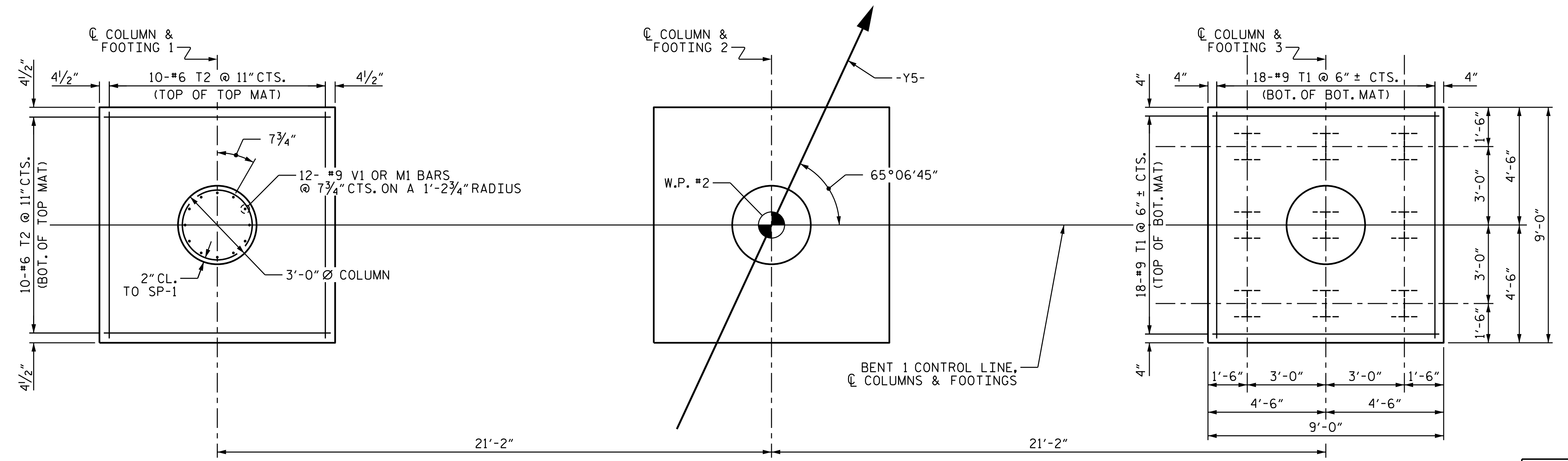


PILE SPLICE DETAILS



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL					
BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#11	1	56'-1"	1788
B2	6	#11	STR	53'-1"	1692
B3	6	#5	STR	53'-1"	332
B4	6	#4	STR	16'-10"	67
B5	6	#4	STR	4'-8"	19
M1	36	#9	3	8'-10"	1081
S1	104	#5	2	12'-2"	1320
T1	108	#9	1	11'-0"	4039
T2	60	#6	STR	8'-6"	766
U1	50	#4	4	6'-11"	231
U2	8	#4	4	6'-9"	36
U3	4	#4	4	7'-0"	19
U4	4	#4	4	7'-4"	20
V1	36	#9	3	21'-11"	2683
REINFORCING STEEL				=	14,093 LBS
SP-1	3	*	5	660'-1"	1323
SPIRAL COLUMN REINFORCING STEEL				=	1,323 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:					
POUR #1: FOOTINGS					36.0 C.Y.
POUR #2: COLUMNS					14.9 C.Y.
POUR #3: CAP					39.0 C.Y.
TOTAL					89.9 C.Y.
HP 12 X 53 STEEL PILES:					
NO. = 27					LIN. FT. = 945
FOUNDATION EXCAVATION					LUMP SUM



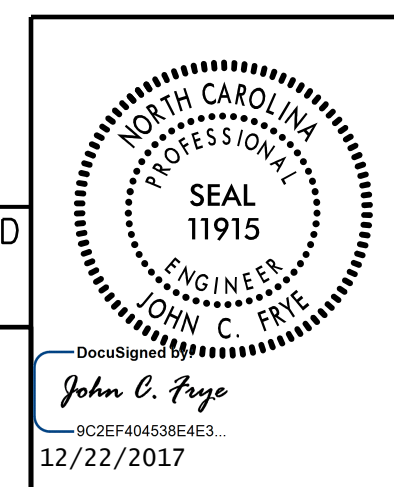
PLAN OF FOOTINGS & COLUMNS

PILES, DIMENSIONS AND REINFORCING STEEL ARE TYPICAL FOR EACH FOOTING

PROJECT NO. U-2525C
 GUILFORD COUNTY
 STATION: 22+29.98 -Y5-

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE BENT 1					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
 MOTT MACDONALD
 PO Box 700
 Fuquay-Varina, NC 27526
 (919) 552-2253
 www.mottmac.com
 LICENSE NO. F-0669

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