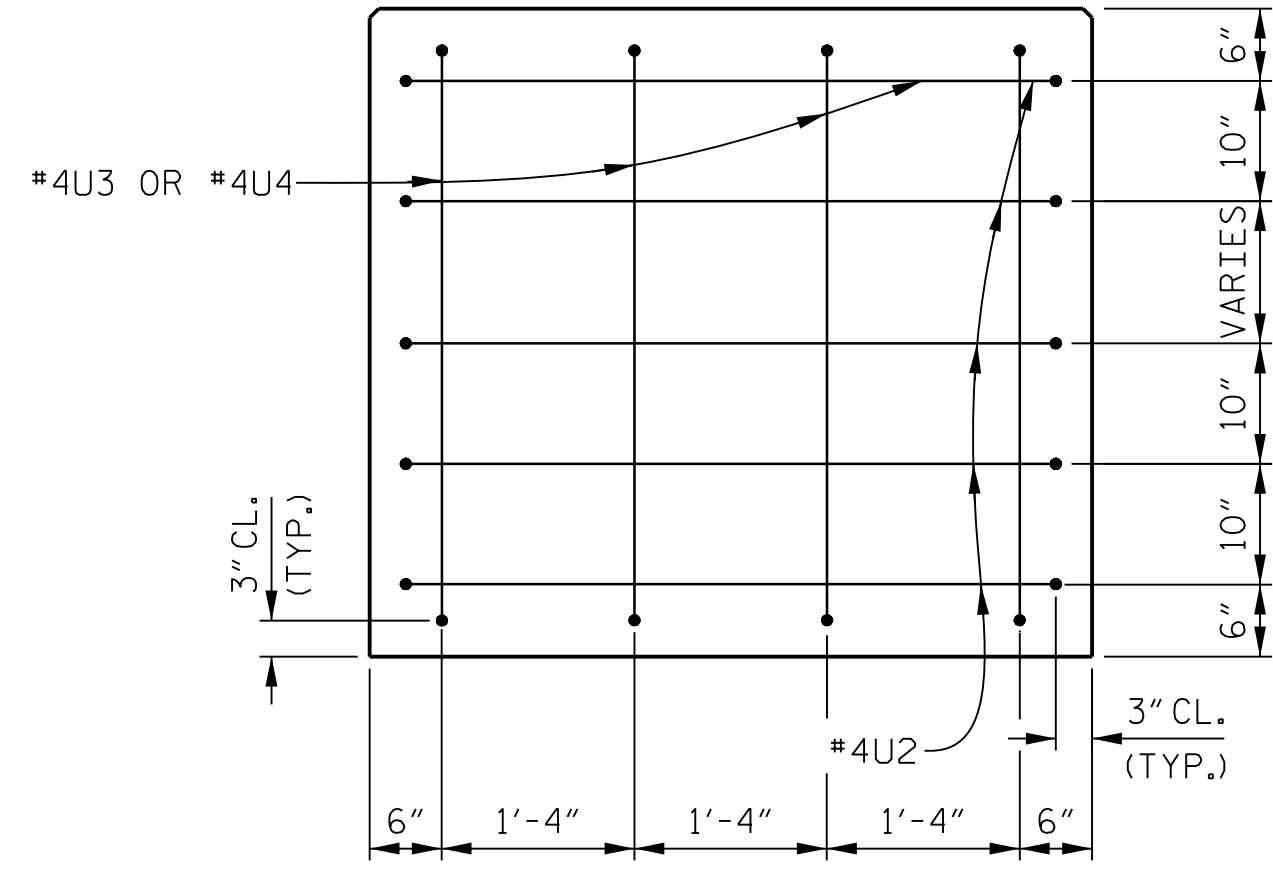
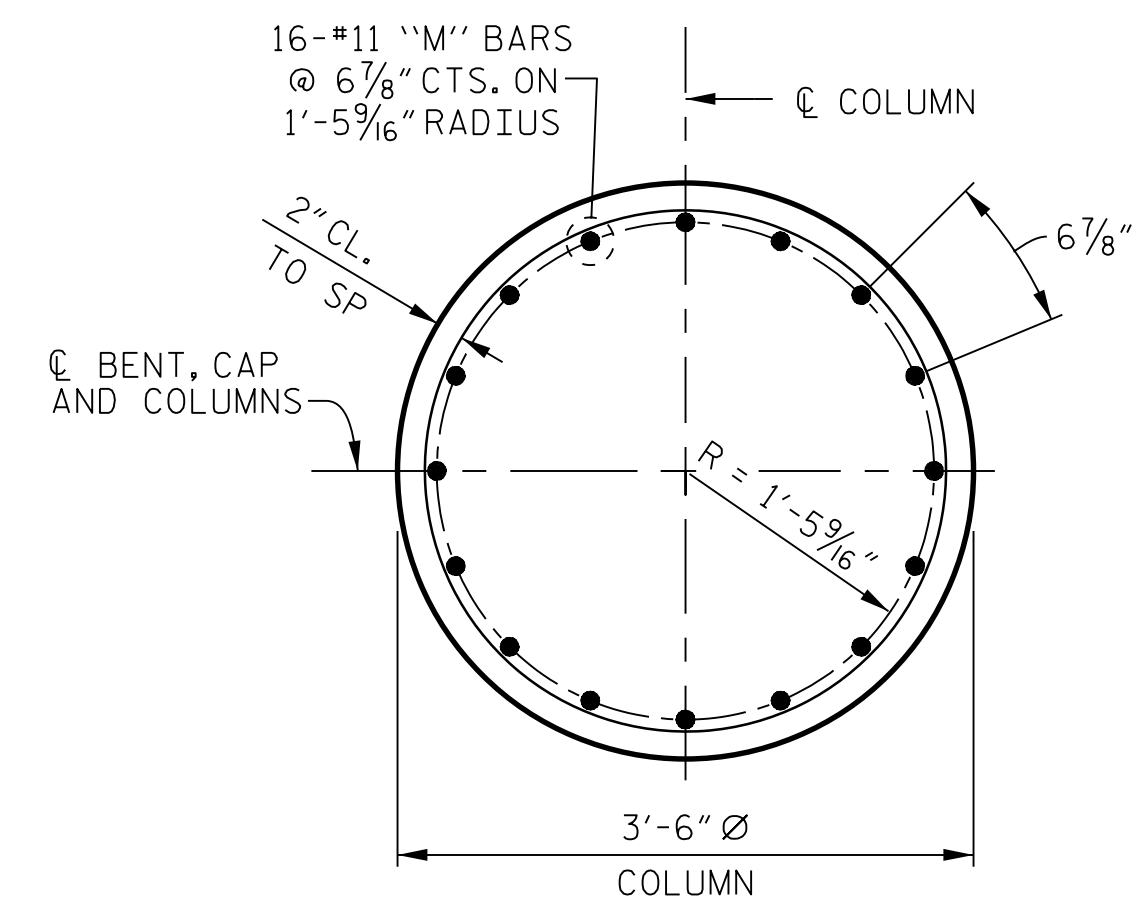


TABLE OF COLUMN REINFORCING			COLUMN LENGTH
COLUMN	SPIRAL	"M" BAR	
1	SP2	M2	18'-5 1/16"
2	SP4	M4	19'-7 7/8"
3	SP6	M6	20'-10 3/16"

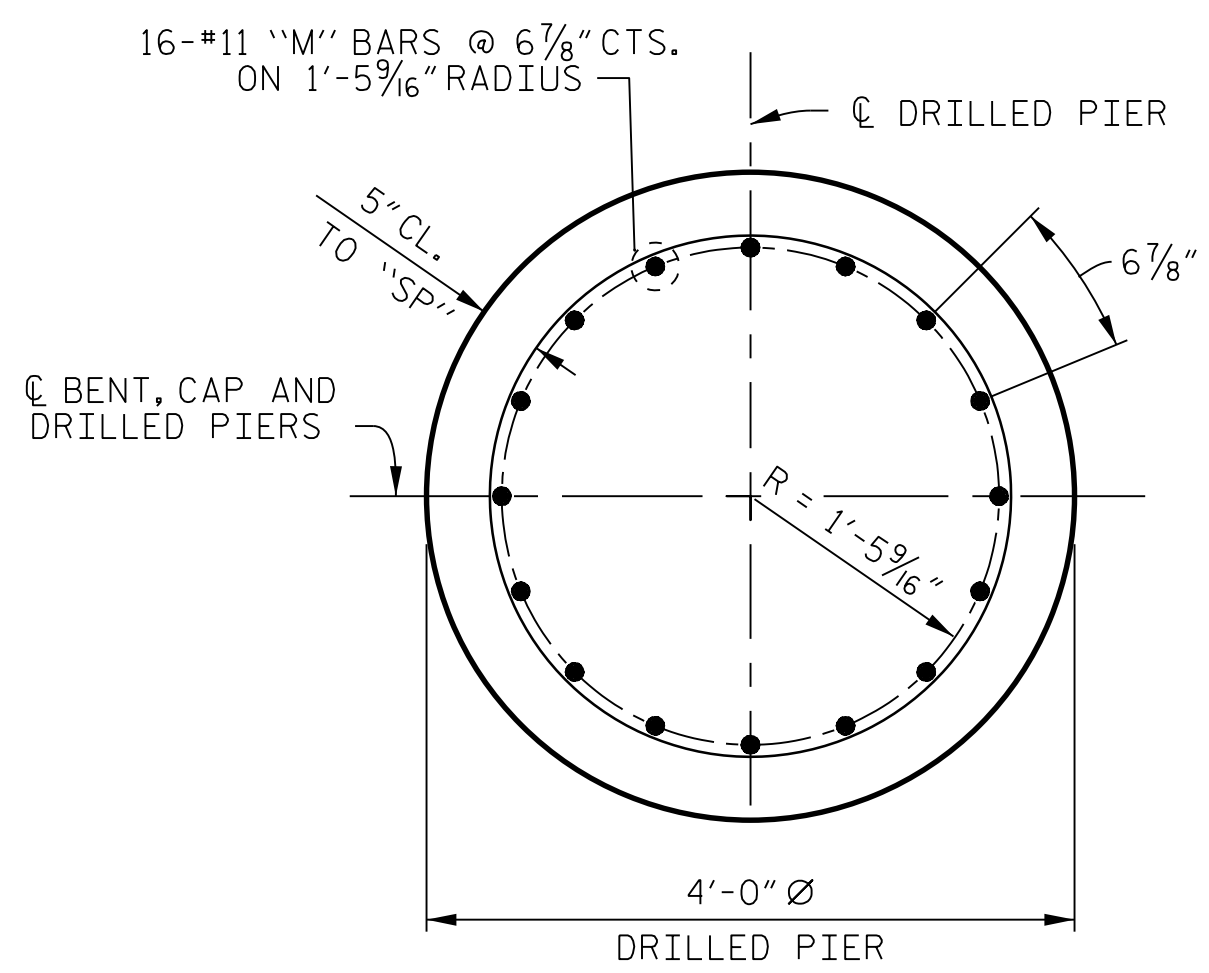
TABLE OF DRILLED PIER REINFORCING			DRILLED PIER LENGTH
COLUMN	SPIRAL	"M" BAR	
1	SP1	M1	50'-0"
2	SP3	M3	50'-0"
3	SP5	M5	37'-6"



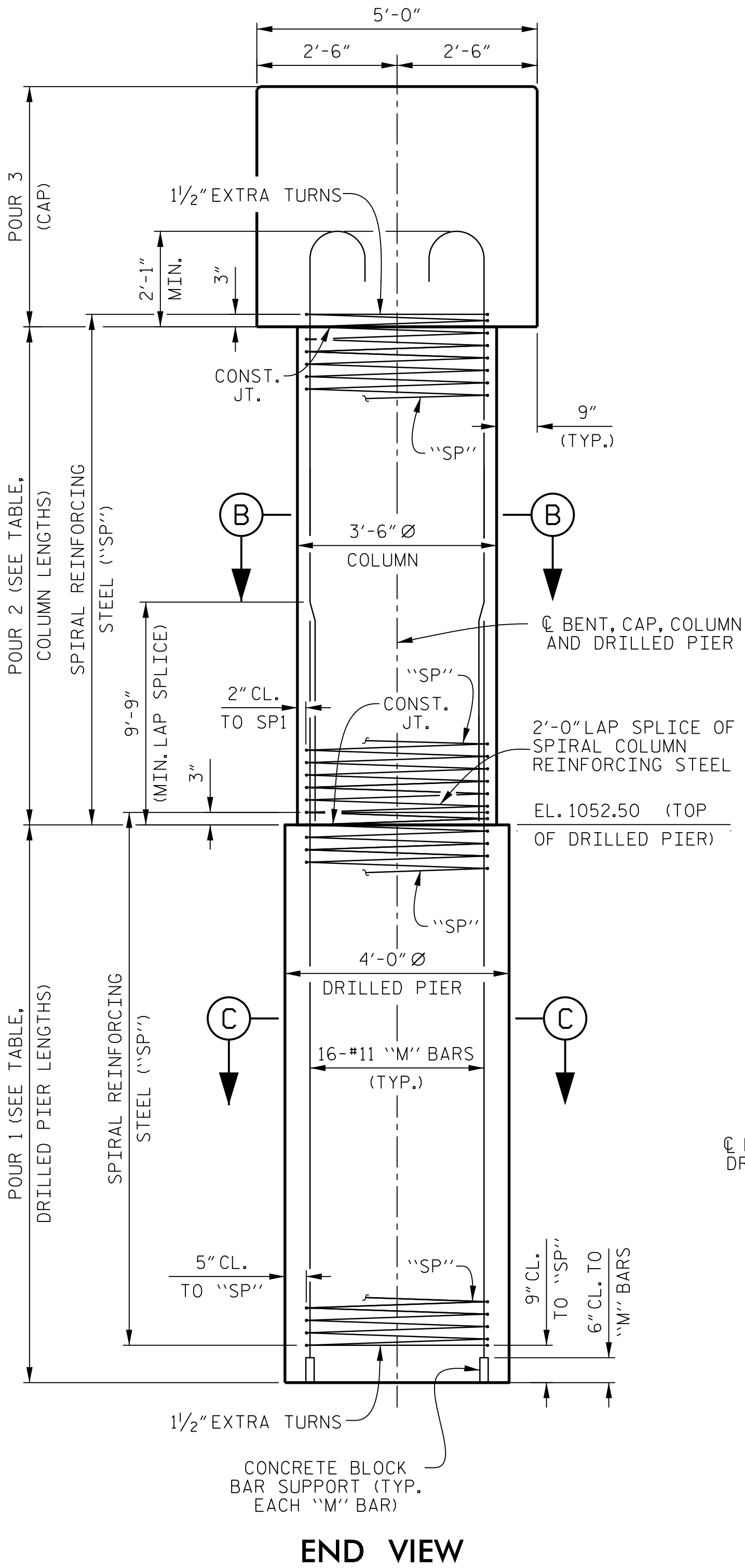
END OF CAP DETAIL



SECTION B-B
(TYP. ALL COLUMNS)



SECTION C-C
(TYP. ALL DRILLED PIERS)

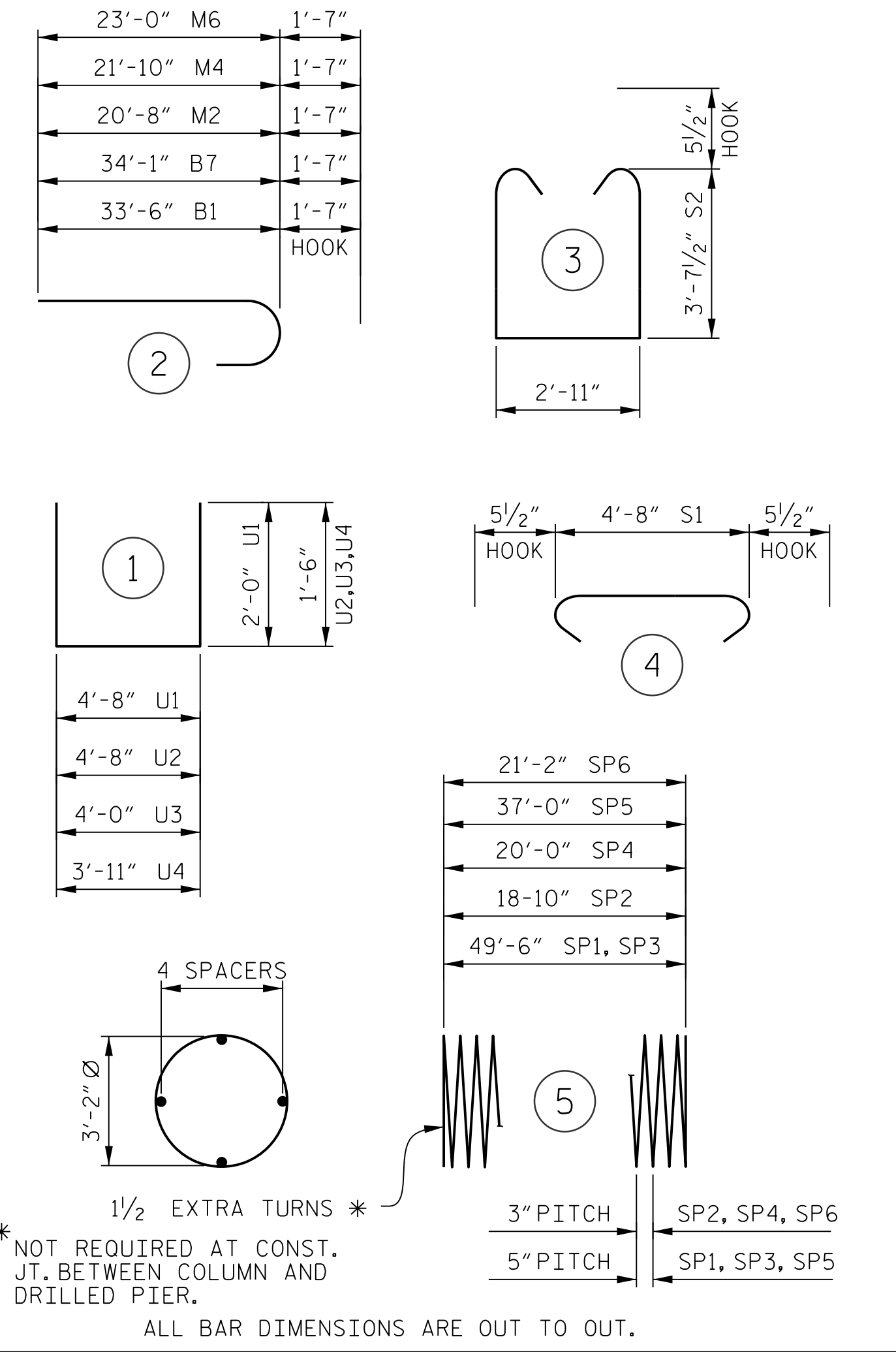


END VIEW

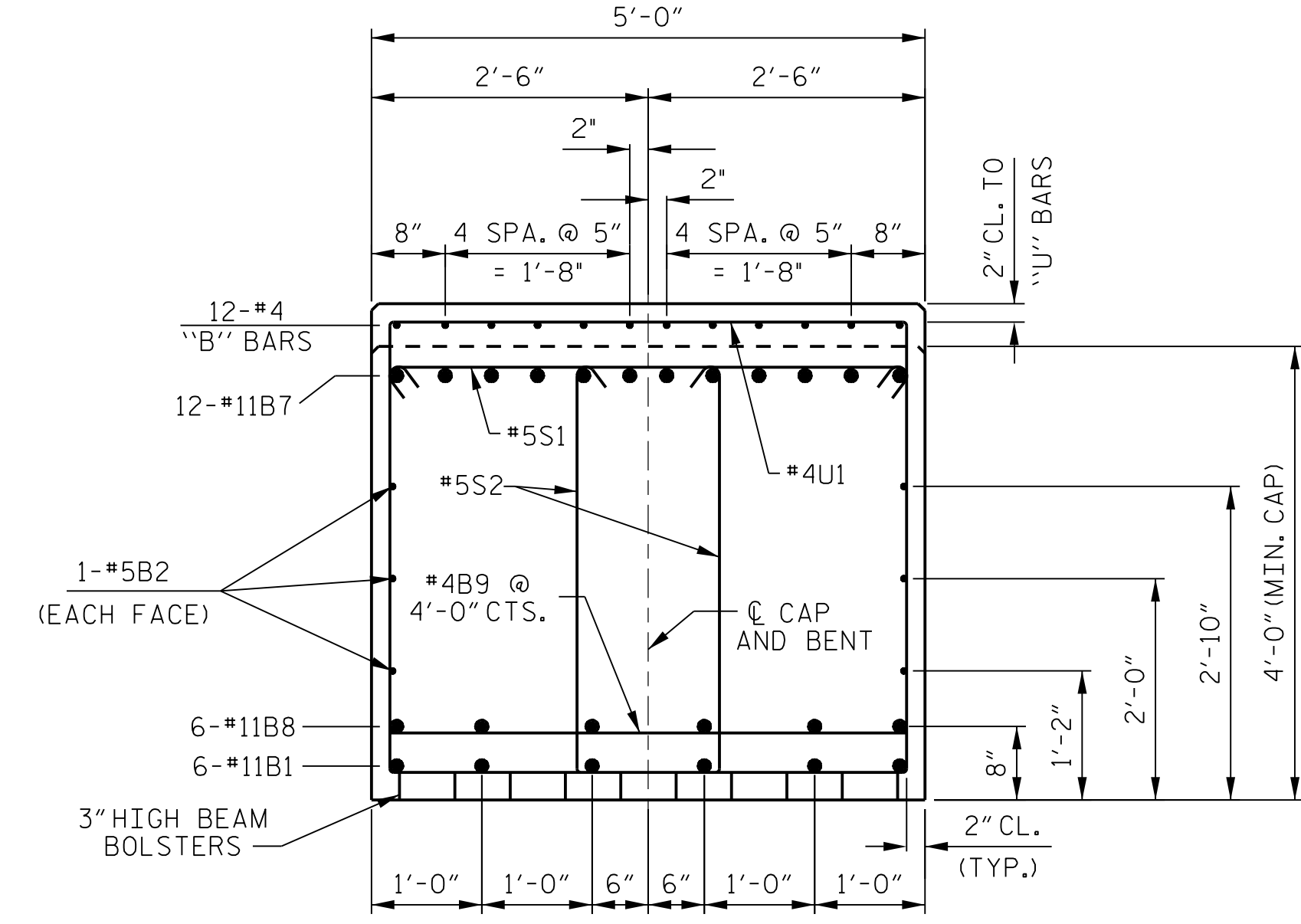
BILL OF MATERIAL

BENT 1											
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#11	2	35'-1"	2,237	SP1	1	***	5	1178'-3"	1,229
B2	6	#5	STR	57'-2"	358	SP2	1	***	5	764'-8"	511
B3	12	#4	STR	6'-5"	51	SP3	1	***	5	1178'-3"	1,229
B4	12	#4	STR	8'-0"	64	SP4	1	***	5	811'-5"	542
B5	36	#4	STR	8'-6"	204	SP5	1	***	5	884'-5"	922
B6	12	#4	STR	6'-5"	51	SP6	1	***	5	858'-3"	573
B7	24	#11	2	37'-5"	4,771	SPIRAL COLUMN REINFORCING STEEL					5,006 LBS.
B8	12	#11	STR	33'-6"	2,136	CLASS A CONCRETE					
B9	15	#4	STR	4'-8"	47	POUR 3 CAP				45.6 CU. YDS.	
M1	16	#11	STR	59'-3"	5,037	POUR 2 COLUMNS				21.0 CU. YDS.	
M2	16	#11	2	22'-3"	1,891	TOTAL					66.6 CU. YDS.
M3	16	#11	STR	59'-3"	5,037	DRILLED PIER CONCRETE					
M4	16	#11	2	23'-5"	1,991	POUR 1				64.0 CU. YDS.	
M5	16	#11	STR	46'-9"	3,974	4'-0" DIA. DRILLED PIER NOT IN SOIL					30.0 FT.
M6	16	#11	2	24'-7"	2,090	4'-0" DIA. DRILLED PIER IN SOIL					107.5 FT.
S1	94	#5	4	5'-7"	547	REINFORCING STEEL					33,245 LBS.
S2	188	#5	3	11'-1"	2,173						
U1	86	#4	1	8'-8"	498						
U2	10	#4	1	7'-8"	51						
U3	4	#4	1	7'-0"	19						
U4	4	#4	1	6'-11"	18						

BAR TYPES



** THE SP2, SP4, AND SP6 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.
 *** THE SP1, SP3, AND SP5 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.
 AN ESTIMATED 568 FEET OF CSL TUBES ARE REQUIRED AND WILL BE PAID FOR WITH THE DRILLED PIERS, SEE DRILLED PIER SPECIAL PROVISION.
 ALL BAR DIMENSIONS ARE OUT TO OUT.

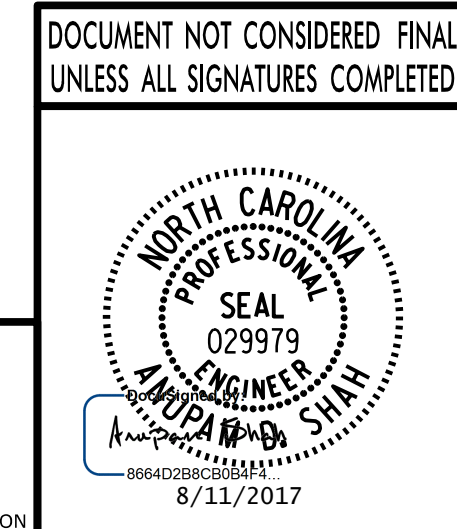


SECTION A-A

PROJECT NO. I-4729A
 POLK COUNTY
 STATION: 21+44.22 -RP F-

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		
SHEET No. S2-24			TOTAL SHEETS 31		



PLANS PREPARED BY:
PARSONS
 5540 CenterView Drive, Suite 217
 Raleigh, NC 27606-3386
 NC LICENSE No. F-0246

DRAWN BY:	D. BREFFANUS	DATE:	7-17
CHECKED BY:	D. BREFFANUS	DATE:	7-17
DESIGN ENGINEER:	D. BREFFANUS	DATE:	7-17