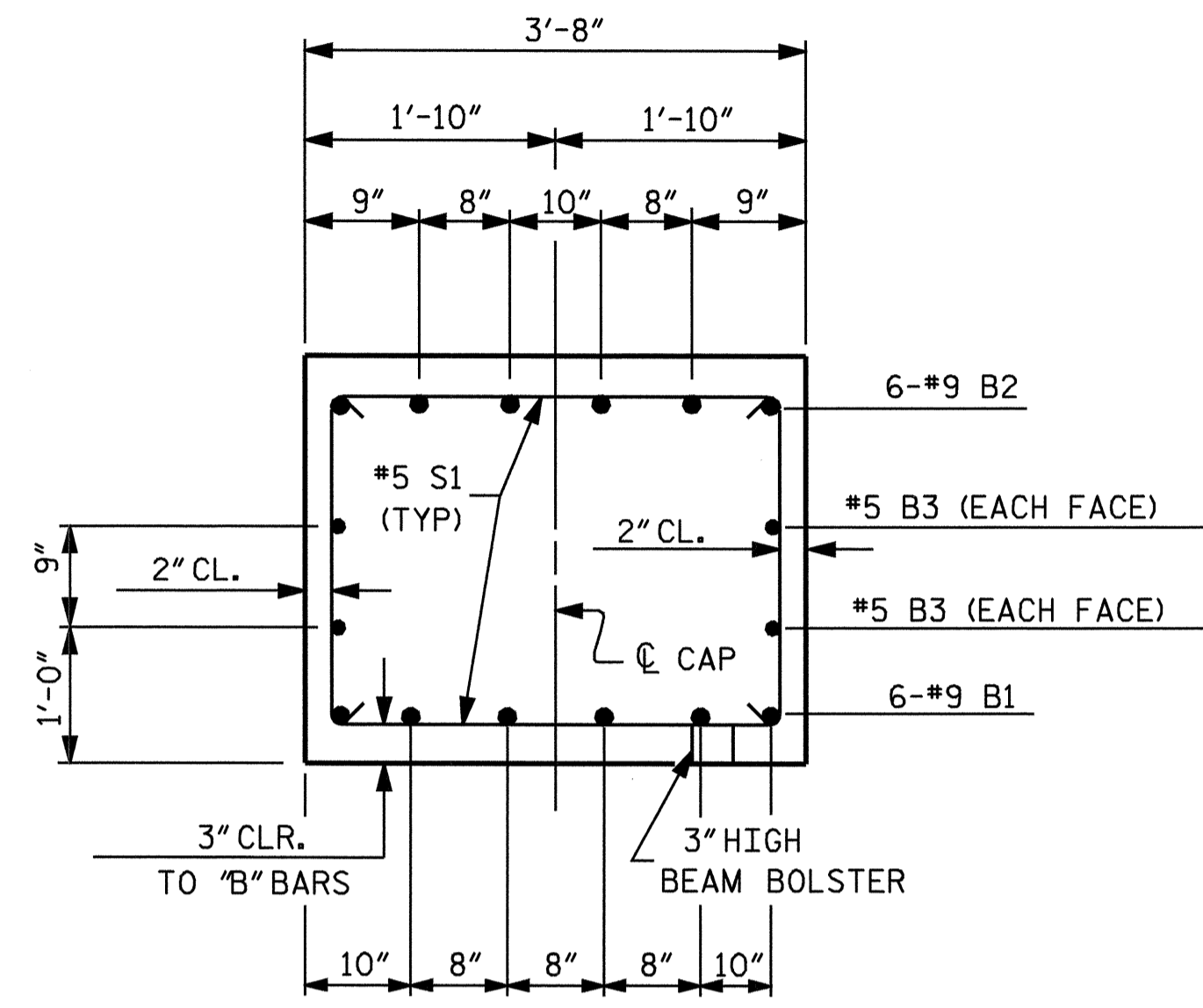
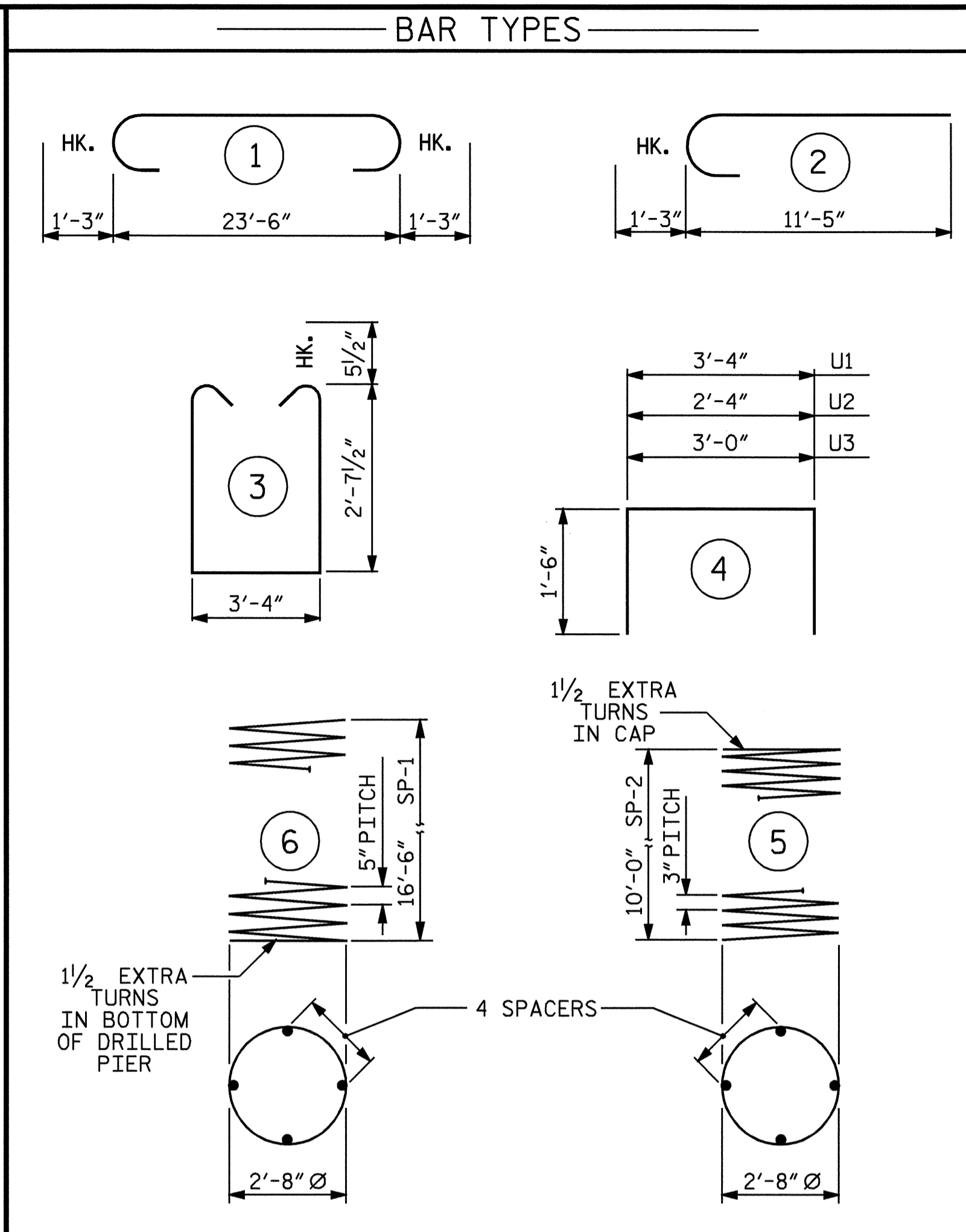


END OF CAP VIEW

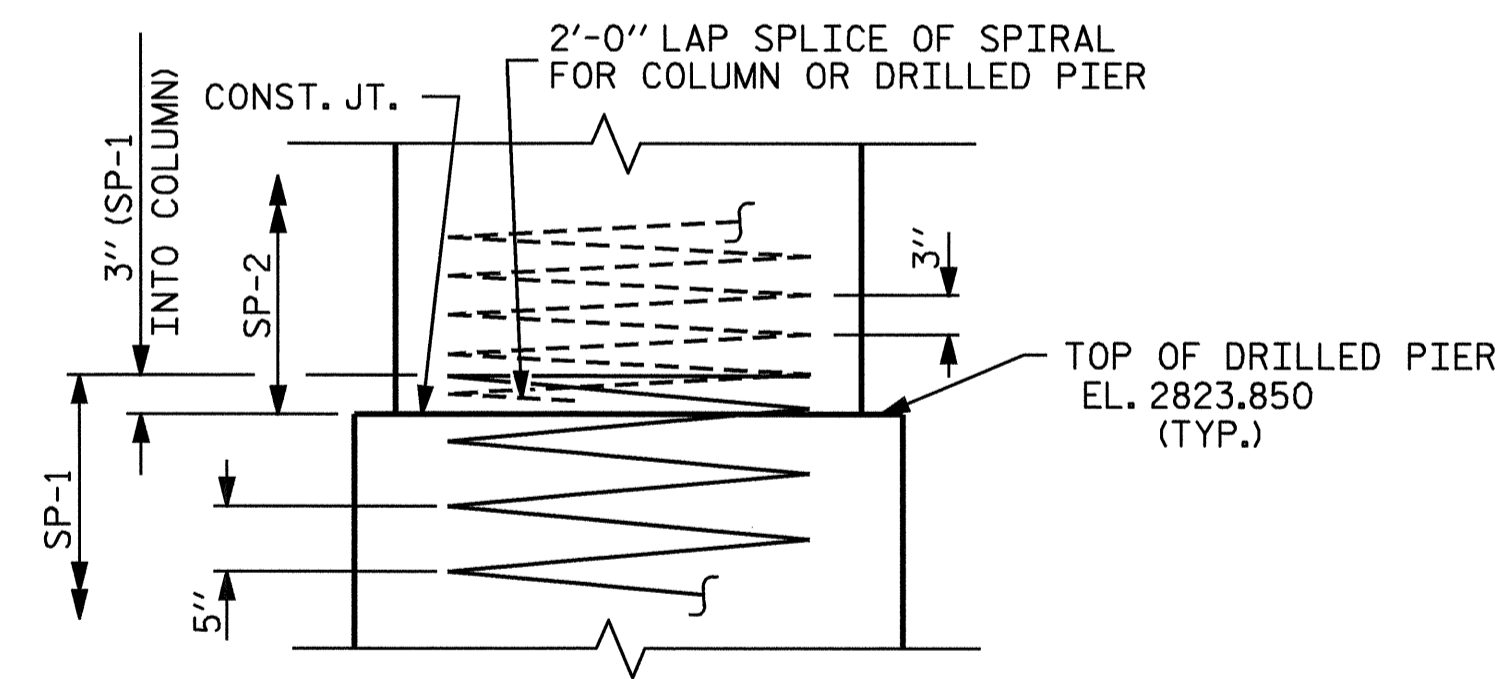


SECTION A-A

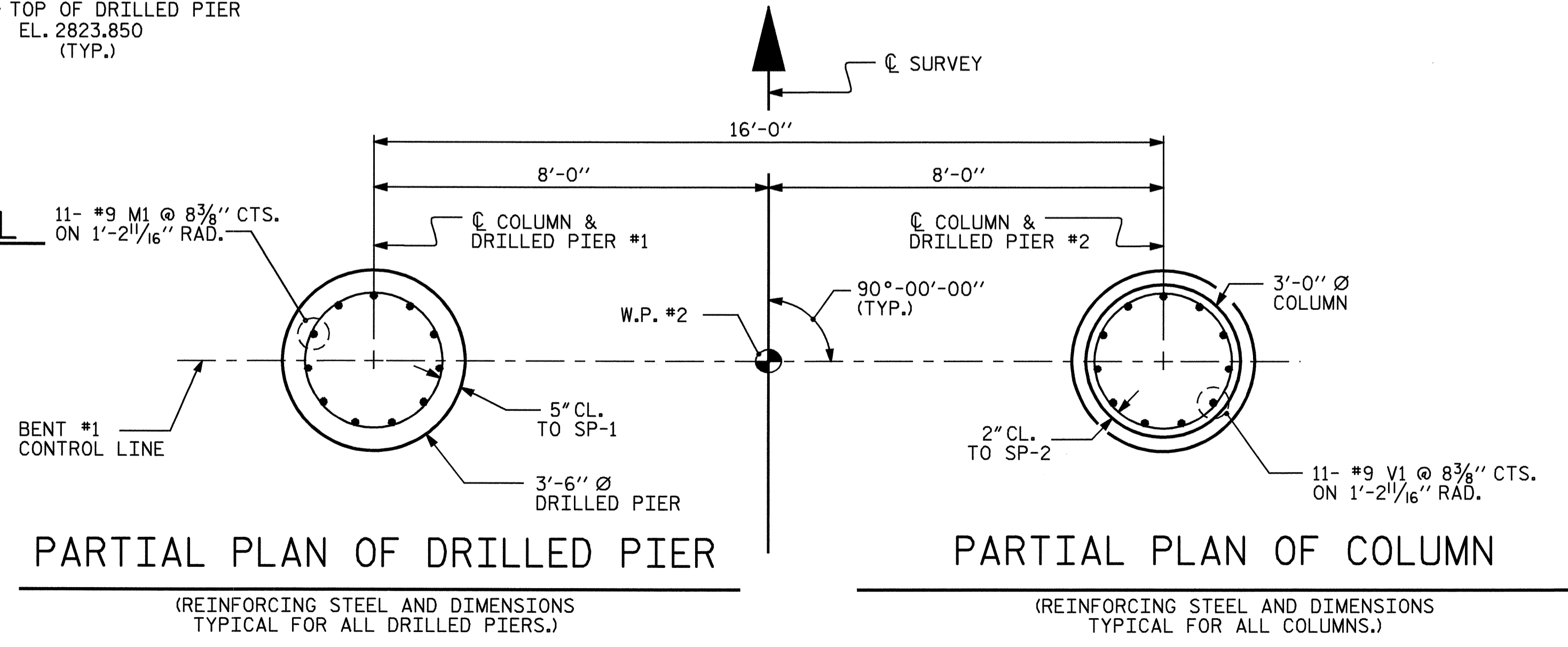


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BENT #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#9	STR	23'-8"	483
B2	6	#9	1	26'-0"	530
B3	4	#5	STR	23'-8"	99
M1	22	#9	STR	24'-3"	1814
S1	32	#5	3	9'-6"	317
U1	24	#4	4	6'-4"	102
U2	8	#4	4	5'-4"	29
U3	6	#4	4	6'-0"	24
V1	22	#9	2	12'-8"	947
SP-1	2	▲▲	6	339'-4"	708
SP-2	2	▲	5	342'-5"	457
REINFORCING STEEL				=	4345 LBS
SPIRAL REINFORCING STEEL				=	1165 LBS
▲ THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.					
▲▲ THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.					
CLASS "A" CONCRETE BREAKDOWN					
POUR #2 (COLUMNS)					5.1 CY
POUR #3 (CAP)					10.0 CY
TOTAL					15.1 CY
DRILLED PIER QUANTITIES					
DRILLED PIER CONCRETE					
POUR #1 (DRILLED PIERS)					12.1 CY
3'-6" Ø DRILLED PIERS IN SOIL					
					14.00 LIN. FT.
3'-6" Ø DRILLED PIERS NOT IN SOIL					
					20.00 LIN. FT.
CROSSHOLE SONIC LOGGING					1 EA.
CSL TUBES					156.00 LIN. FT.



CONSTRUCTION JOINT DETAIL



PARTIAL PLAN OF DRILLED PIER

PARTIAL PLAN OF COLUMN

(REINFORCING STEEL AND DIMENSIONS TYPICAL FOR ALL DRILLED PIERS.)

(REINFORCING STEEL AND DIMENSIONS TYPICAL FOR ALL COLUMNS.)

PROJECT NO. B-2905
ASHE COUNTY
 STATION: 19+05.00 -L-

SHEET 2 OF 2
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
BENT #1



REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		