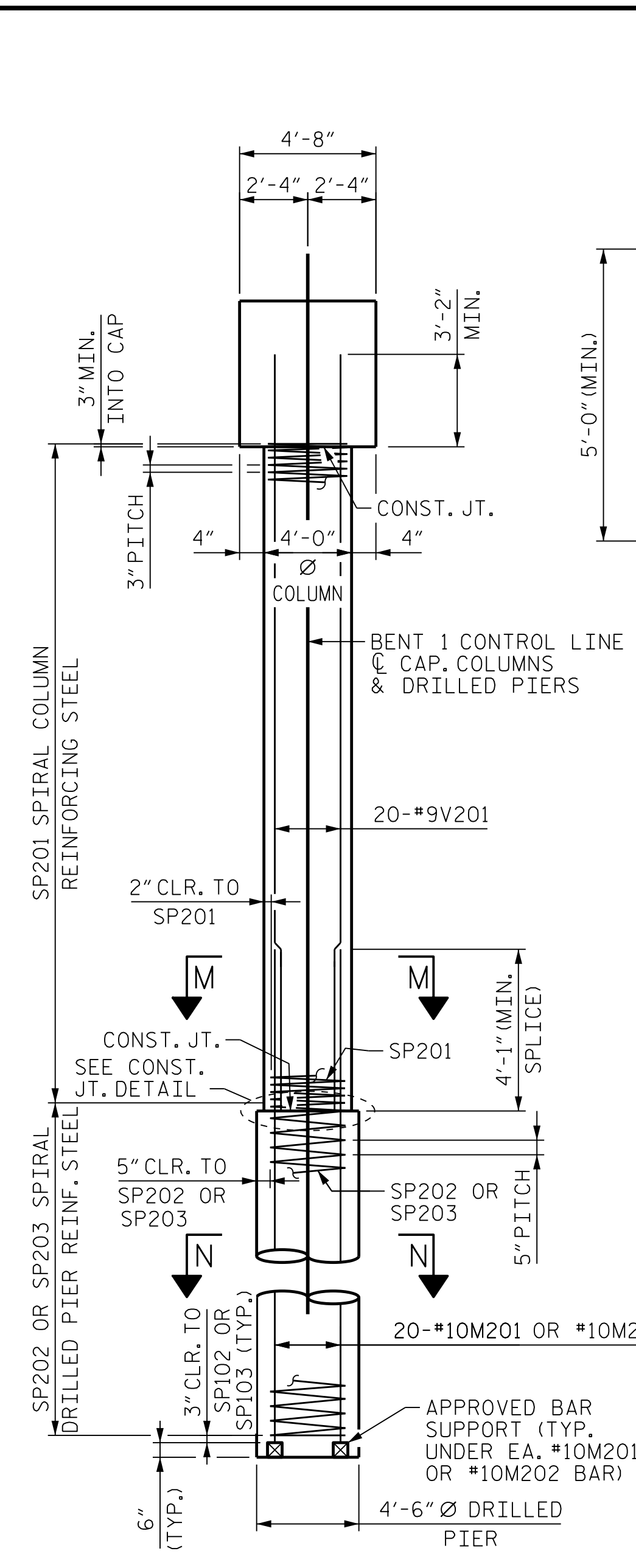
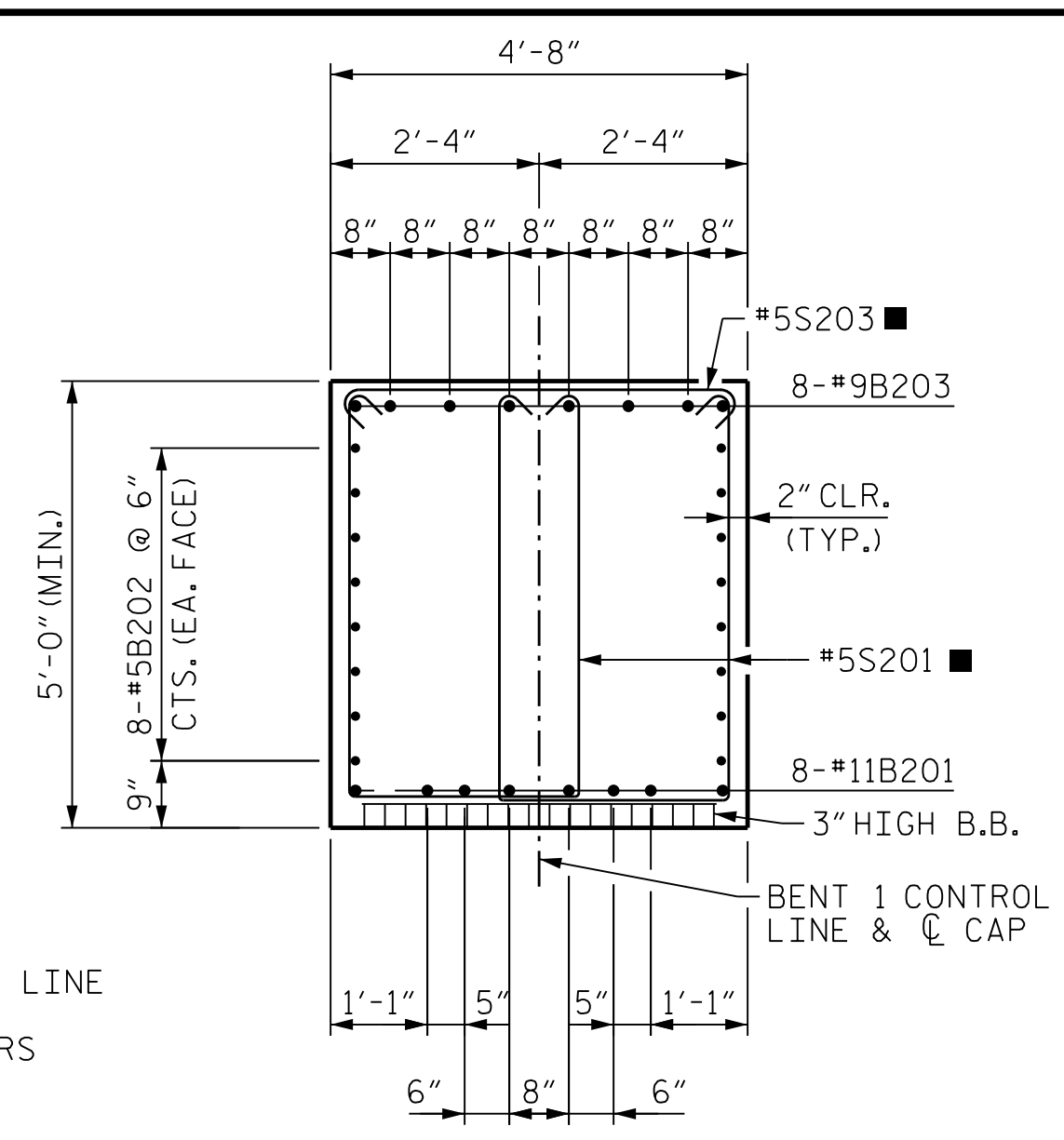


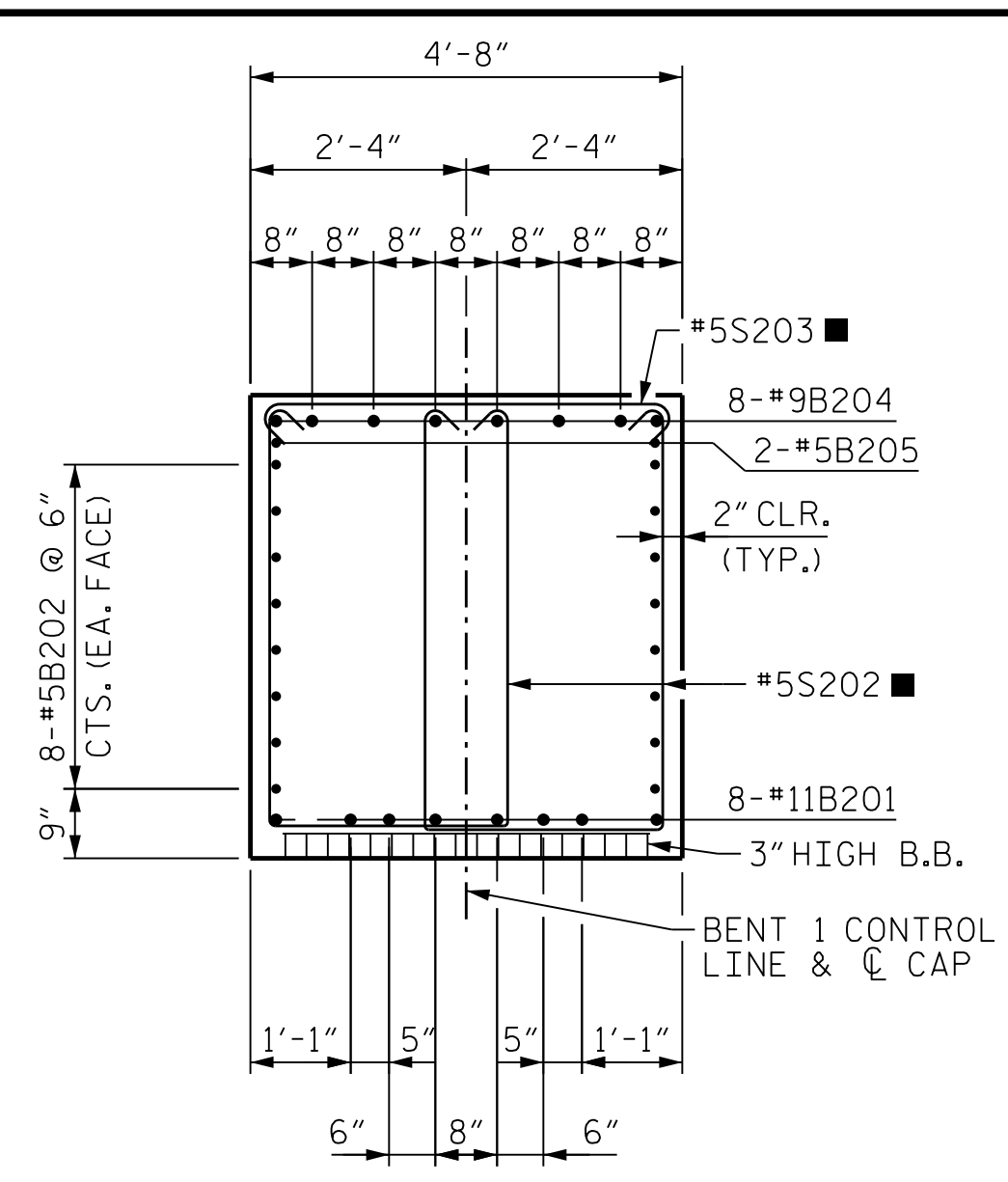
PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt  
 PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl  
 USER: PPETERSO DATE: 1/25/2022 TIME: 8:33:35 AM  
 FILE: ... \401.230.B589883186.SMU.B1.047.430168.dgn



**END ELEVATION**

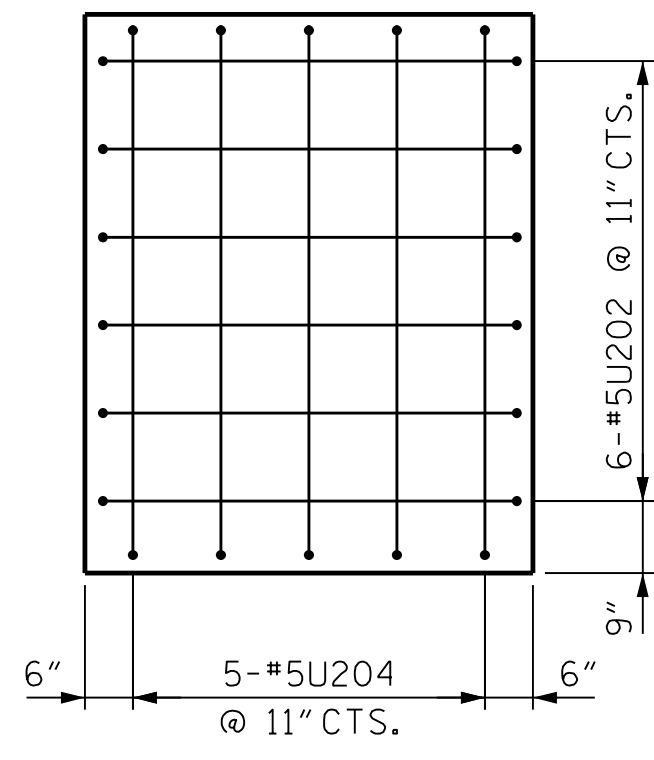


**SECTION H-H**

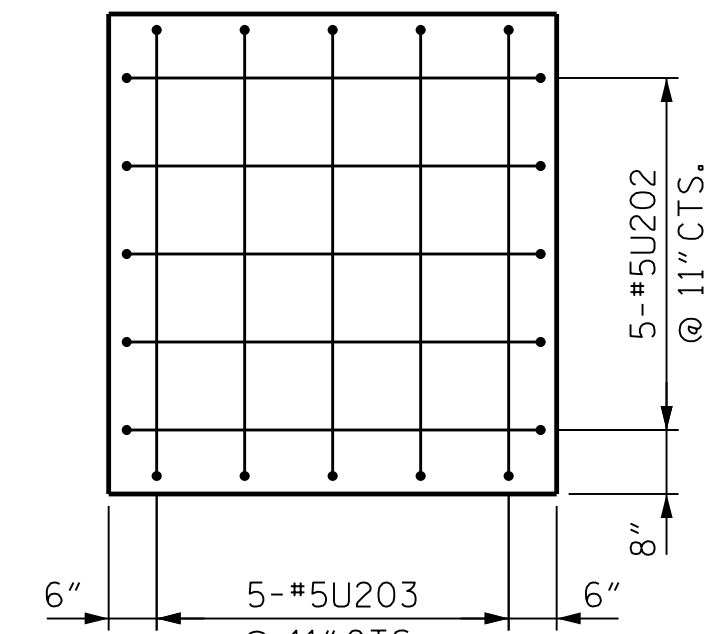


**SECTION I-I**

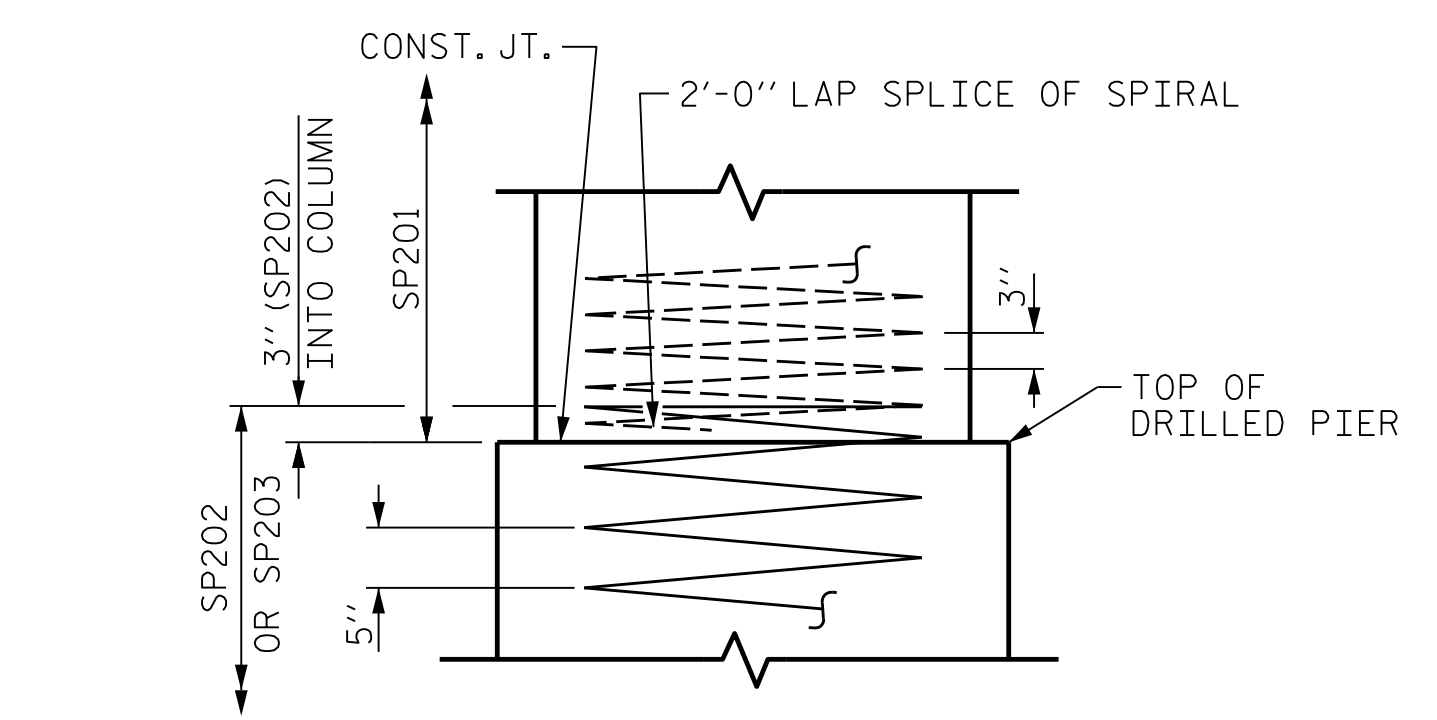
■ = INVERT ALTERNATE STIRRUPS



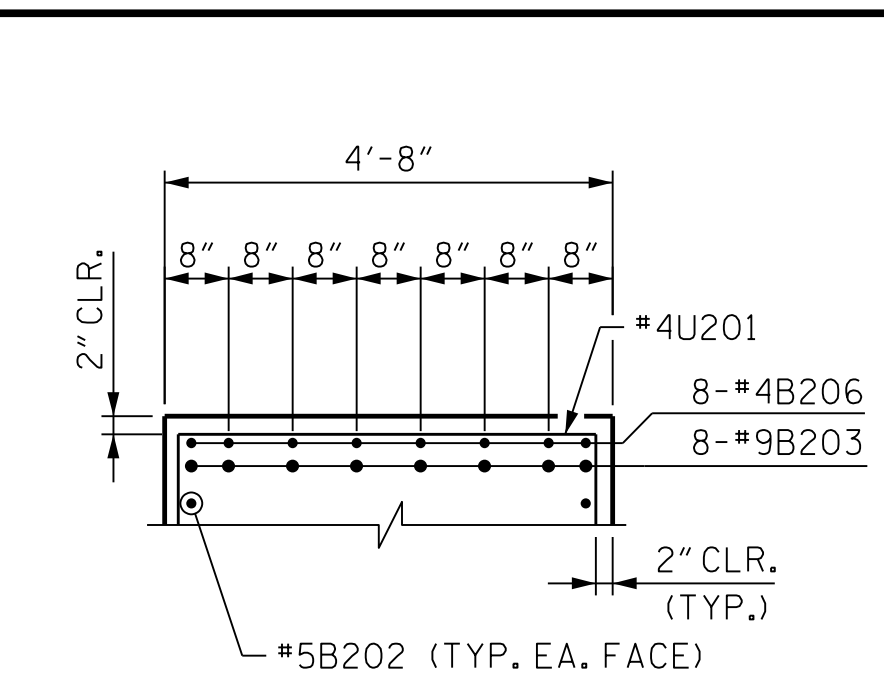
**VIEW K-K**



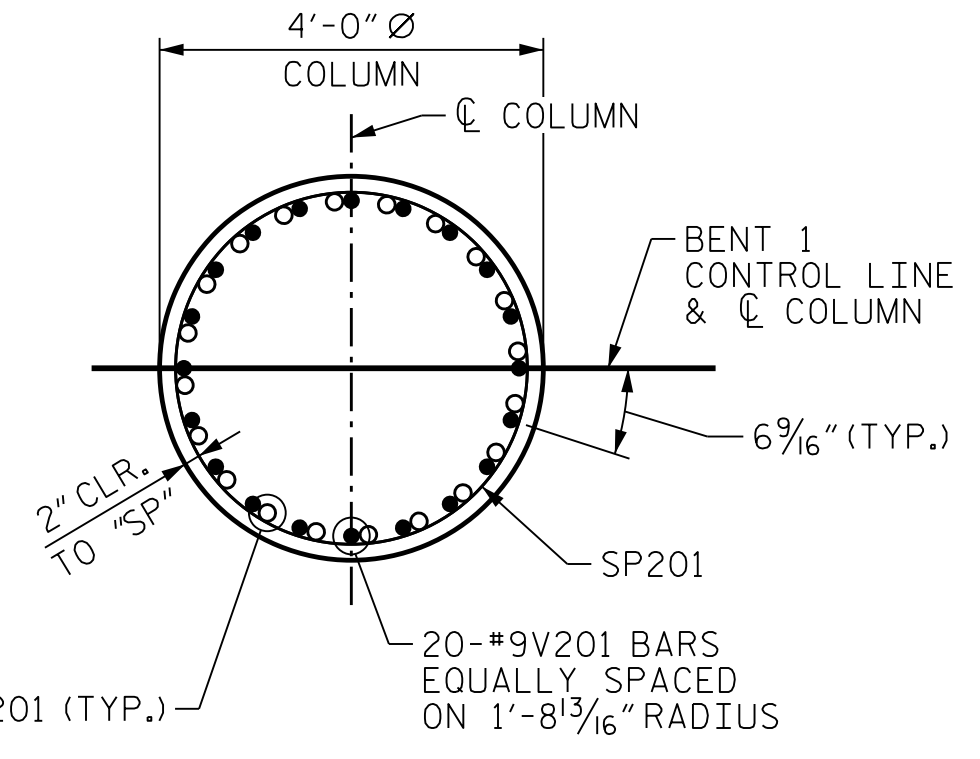
**VIEW L-L**



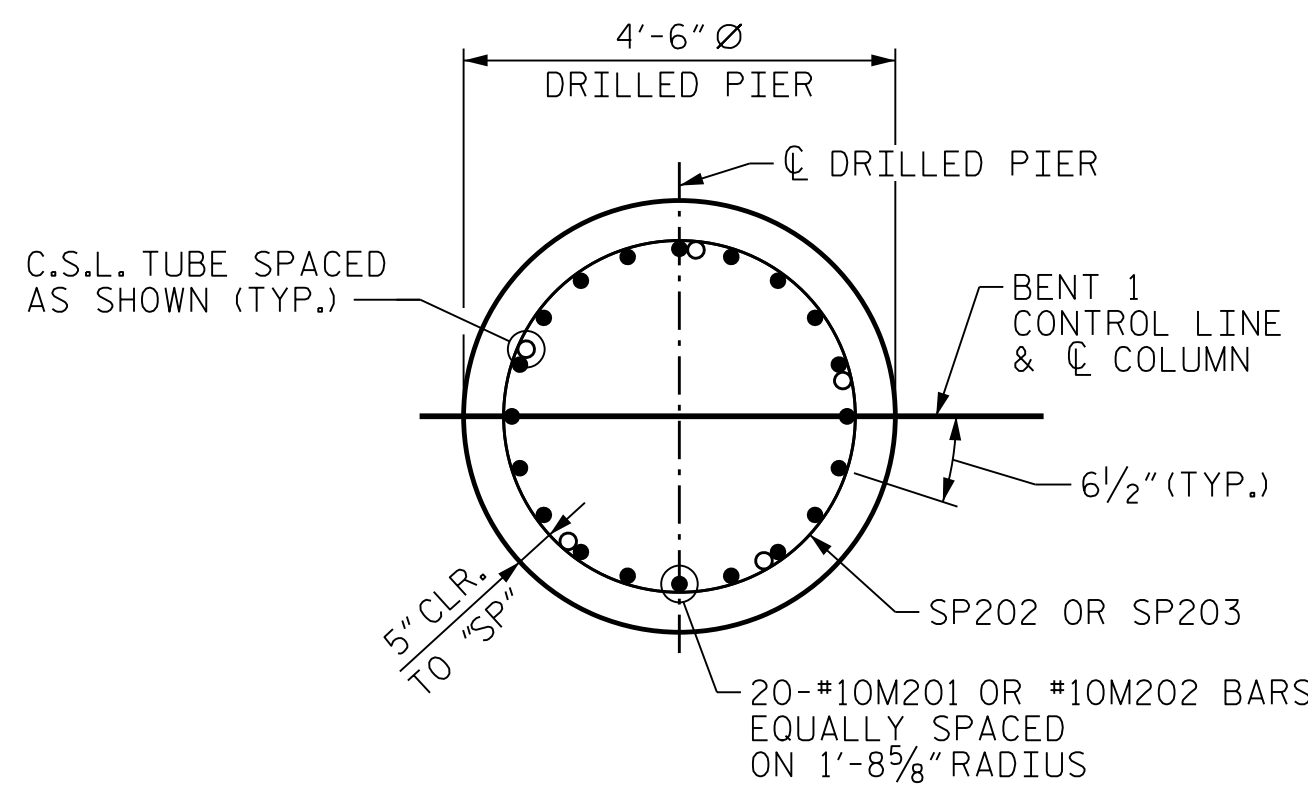
**CONSTRUCTION JOINT DETAIL**



**SECTION J-J**



**SECTION M-M**



**SECTION N-N**

**BAR TYPES**

**BILL OF MATERIAL**

BENT 1 - STAGE 2					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B201	8	#11	STR	59'-8"	2537
B202	16	#5	STR	59'-8"	996
B203	8	#9	1	49'-11"	1358
B204	8	#9	1	17'-7"	479
B205	2	#5	STR	14'-7"	31
B206	16	#4	STR	10'-10"	116
M201	40	#10	STR	45'-0"	7746
M202	40	#10	STR	31'-0"	5336
S201	104	#5	3	12'-10"	1393
S202	36	#5	3	14'-1"	529
S203	70	#5	4	5'-3"	384
S204	12	#5	2	13'-7"	171
S205	4	#5	2	14'-10"	62
U201	44	#4	2	7'-4"	216
U202	11	#5	2	7'-2"	83
U203	5	#5	2	7'-6"	40
U204	5	#5	2	8'-3"	44
V201	80	#9	STR	11'-9"	3196
REINFORCING STEEL					LBS. 23,119
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
SP201	4	*	5	410'-1"	1096
SP202	2	**	6	1056'-10"	2205
SP203	2	**	6	670'-6"	1399
SPIRAL REINF. STEEL					LBS. 4,700
CLASS A CONCRETE					
POUR 2 (COLUMNS)				CU. YDS.	15.4
POUR 3 (CAP)				CU. YDS.	55.8
TOTAL CLASS A CONCRETE					CU. YDS. 71.2
DRILLED PIER CONCRETE					
POUR 1 (DRILLED PIERS)				CU. YDS.	73.5
CSL TUBES					LIN. FT. 655.0
DRILLED PIERS IN SOIL					LIN. FT. 88
DRILLED PIERS NOT IN SOIL					LIN. FT. 36
PERMANENT STEEL CASING					LIN. FT. 56

ALL BAR DIMENSIONS ARE OUT TO OUT

\* THE SP201 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.

\*\* THE SP202 & SP203 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.

PROJECT NO. B-3186/B-5898  
HAYWOOD COUNTY  
 STATION: 42+71.13 -L-

SHEET 4 OF 4



1/25/2022

DES BY: L. GUALTIERI	DATE: 06/21	DWG BY: D. CARTER	DATE: 06/21
DES CHK: K. DICKENS	DATE: 06/21	CHK BY: K. DICKENS	DATE: 07/21



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. 501-47	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS 59	
1	--	--	3	--	--		
2	--	--	4	--	--		