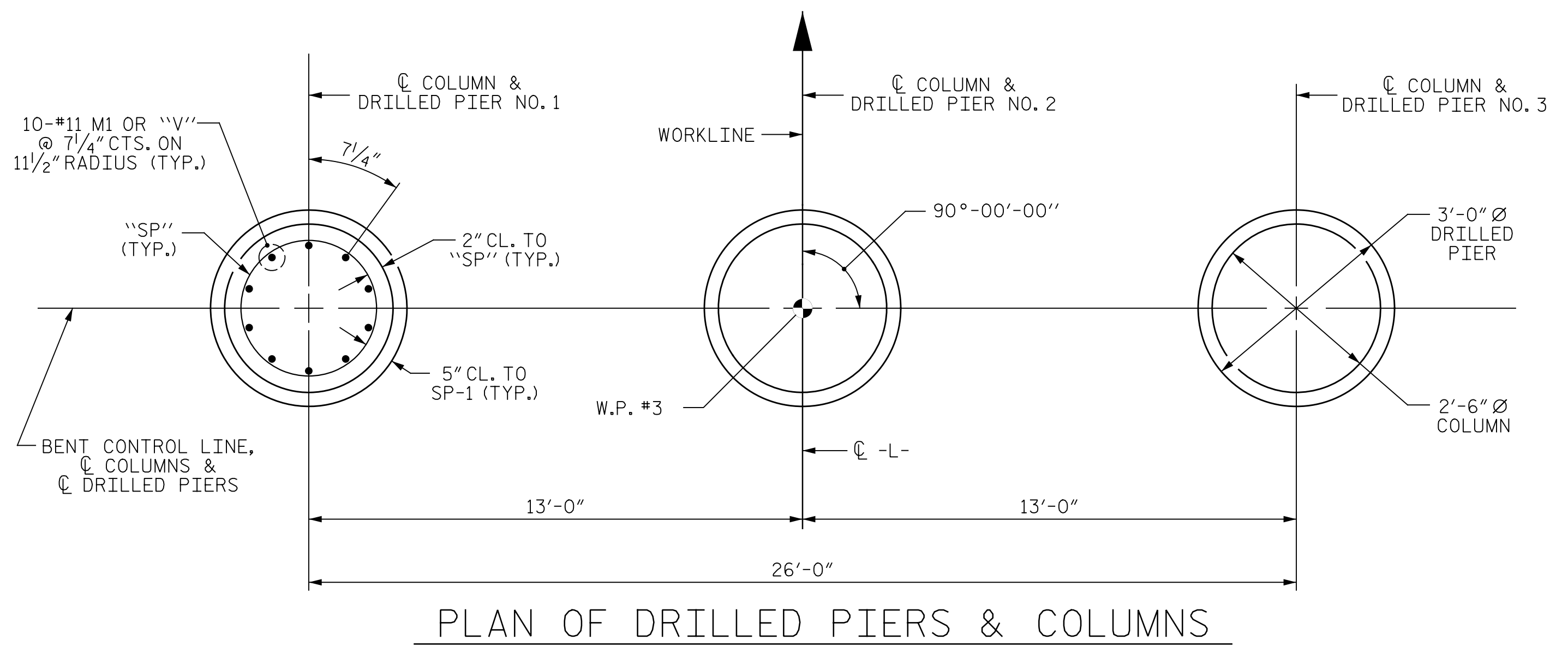
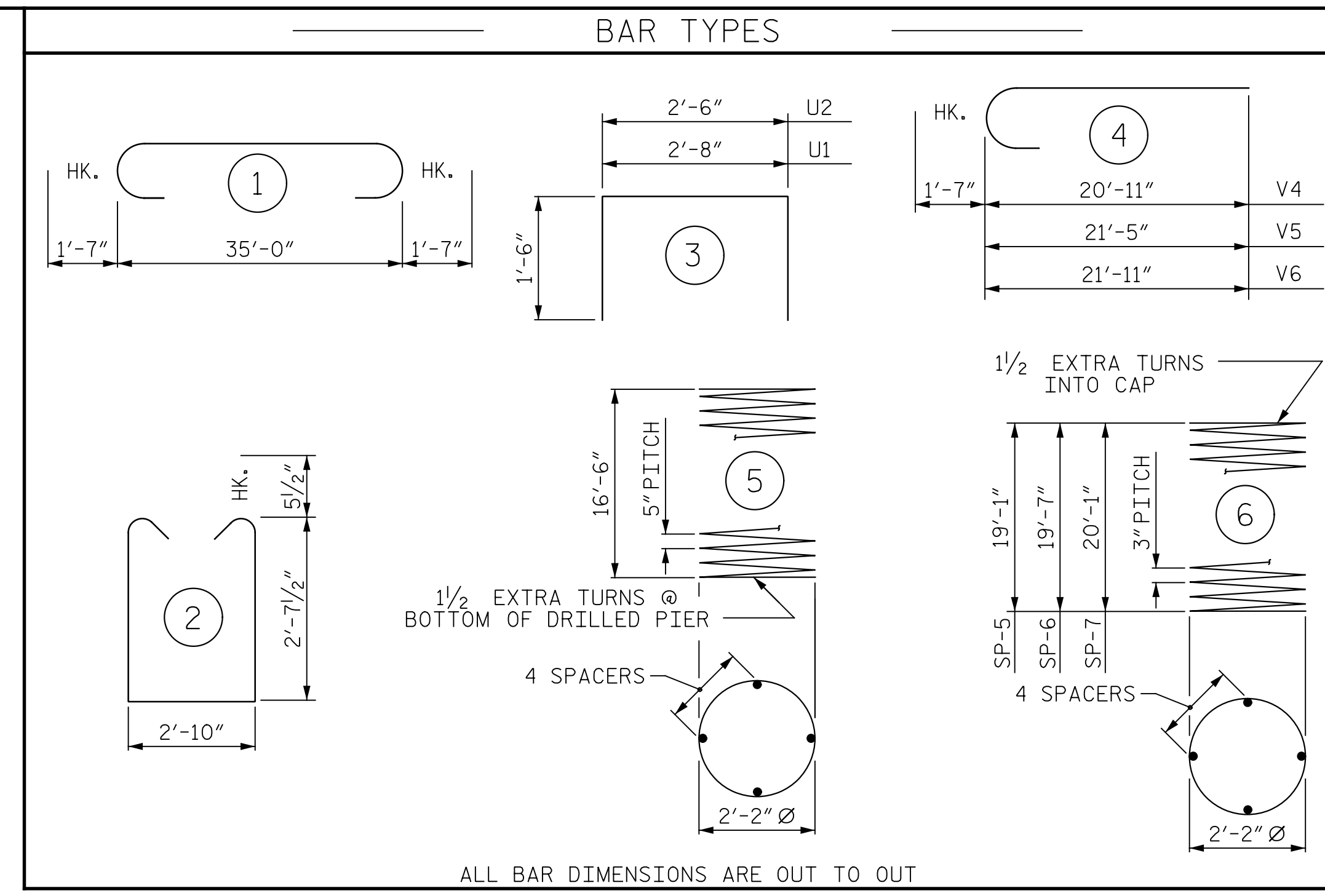


User: jim.austin
 Plot: 11/14/2023 4:07:16 PM
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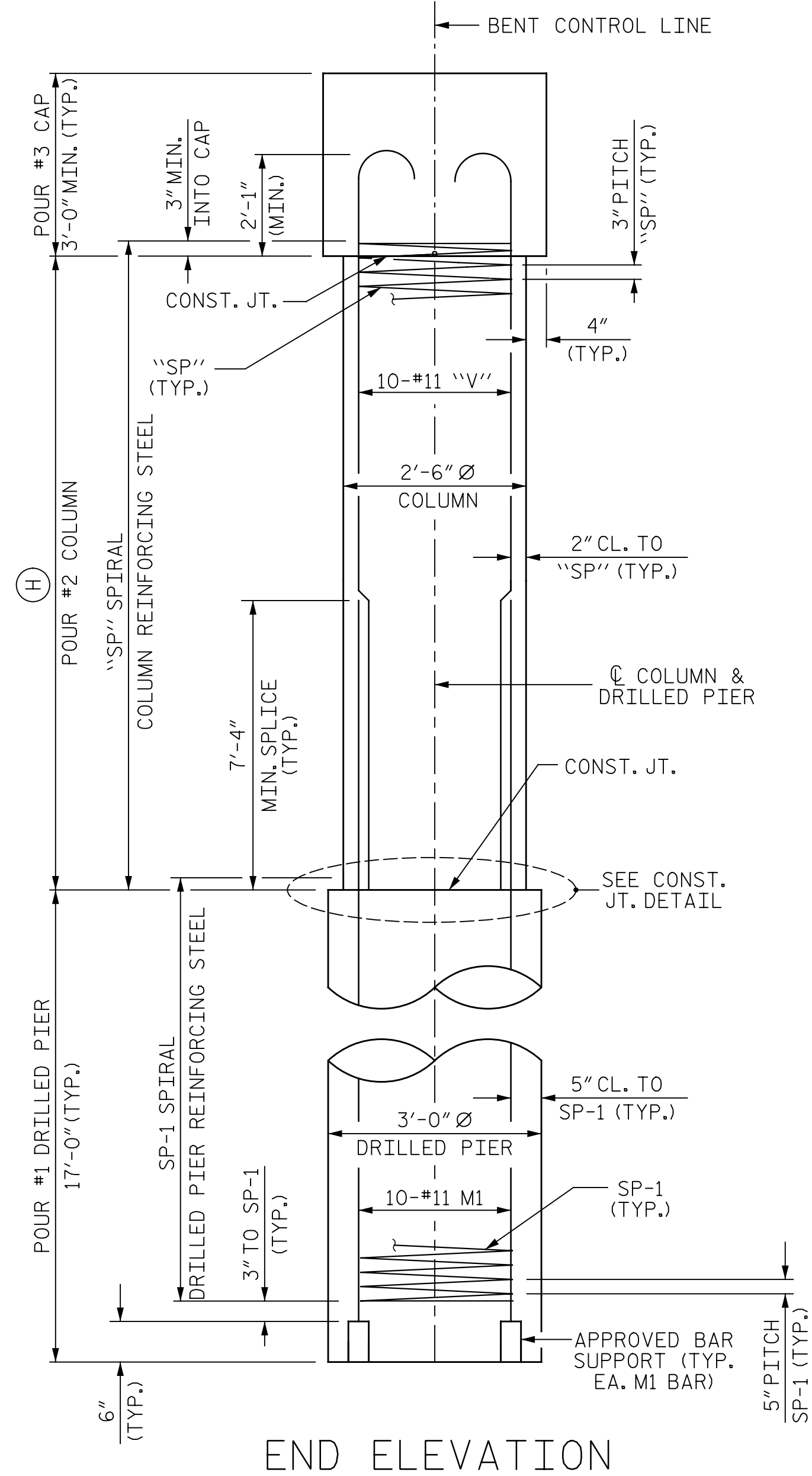


PLAN OF DRILLED PIERS & COLUMNS

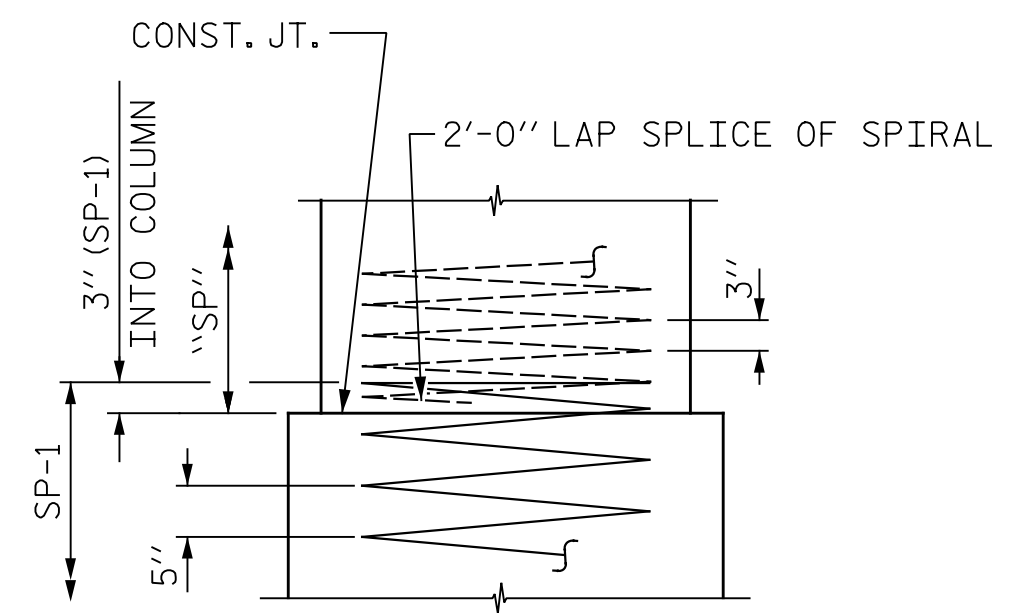


ALL BAR DIMENSIONS ARE OUT TO OUT

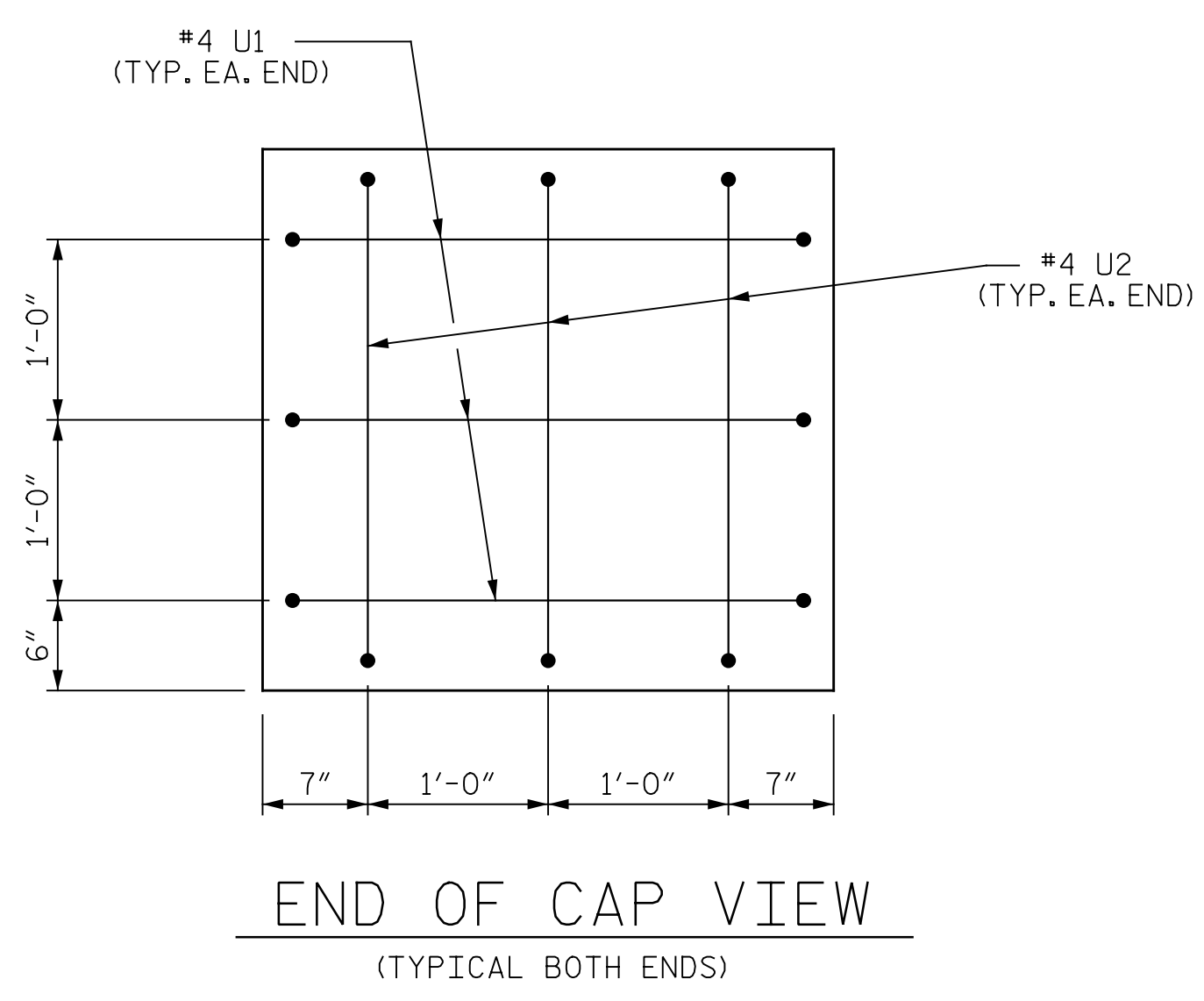
BILL OF MATERIAL					
BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#11	1	38'-2"	2028
B2	6	#5	STR	35'-2"	220
D1	44	#6	STR	1'-6"	99
M1	30	#11	STR	23'-10"	3799
S1	60	#5	2	9'-0"	563
U1	6	#4	3	5'-8"	23
U2	6	#4	3	5'-6"	22
V4	10	#11	4	22'-6"	1195
V5	10	#11	4	23'-0"	1222
V6	10	#11	4	23'-6"	1249
REINFORCING STEEL					10420 LBS.
SP-1	3	*	5	276'-3"	864
SP-5	1	**	6	524'-5"	350
SP-6	1	**	6	537'-9"	359
SP-7	1	**	6	551'-2"	368
SPIRAL COLUMN REINFORCING STEEL					1941 LBS.
* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR					
** THE SP-5, SP-6 & SP-7 SPIRAL REINF. STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR					
CLASS A CONCRETE BREAKDOWN (FOR BENT 2)					
POUR #2 (COLUMNS)					10.6 C.Y.
POUR #3 (CAP)					12.5 C.Y.
TOTAL CLASS A CONCRETE					23.1 C.Y.



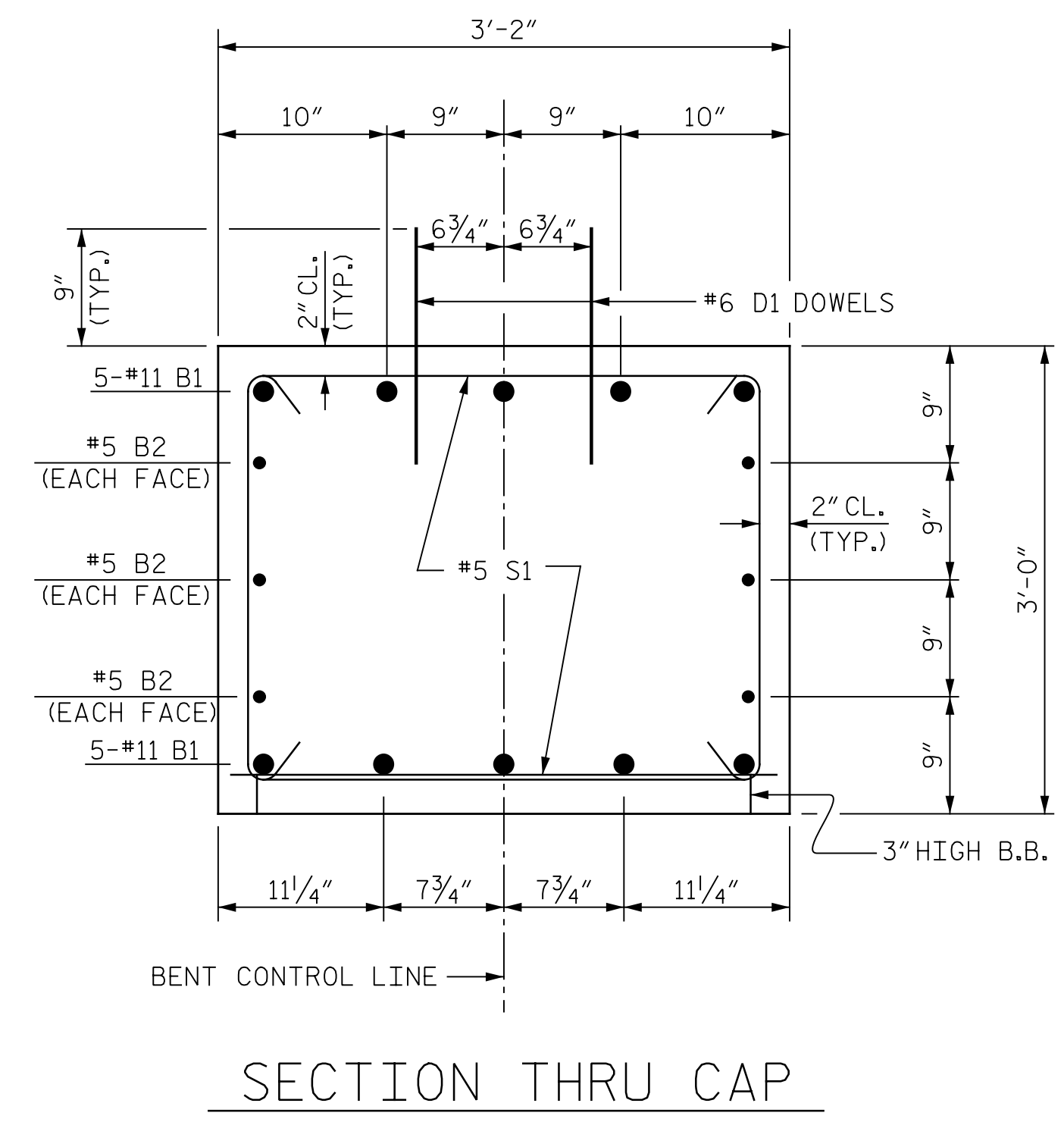
END ELEVATION



CONSTRUCTION JOINT DETAIL

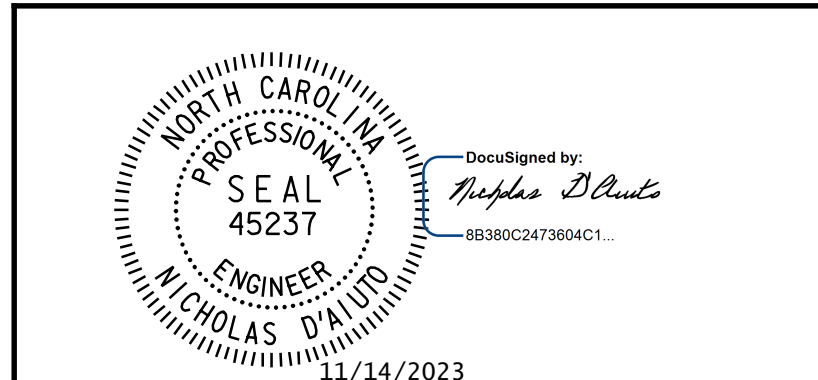


END OF CAP VIEW (TYPICAL BOTH ENDS)



SECTION THRU CAP

COLUMN HEIGHT (H)	
COL. 1	18'-9 3/8"
COL. 2	19'-3 5/8"
COL. 3	19'-9 13/16"



PROJECT NO. B-6046
STANLY COUNTY
 STATION: 17+66.00 -L-
 SHEET 2 OF 2

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

SHEET NO.	
S-20	TOTAL SHEETS 24

DRAWN BY:	J. N. AUSTIN	DATE:	8-10-22
CHECKED BY:	N. D'AIUTO	DATE:	8-12-22
DESIGN E.O.R.:	N. D'AIUTO	DATE:	1-4-23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ICE of Carolinas, PLLC
 4505 Falls of Neuse Road, Suite 110
 Raleigh, North Carolina 27609
 Phone: 919-822-0333
 License #: P-9999