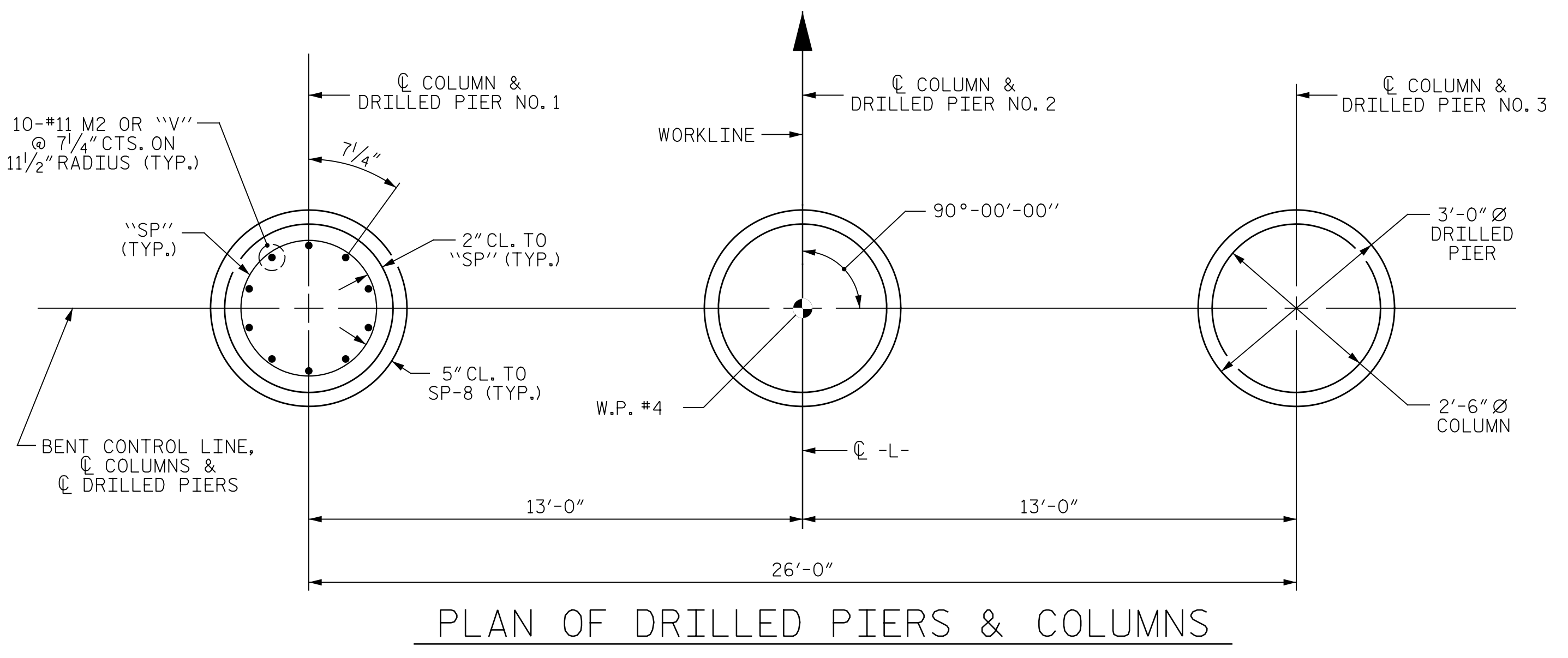
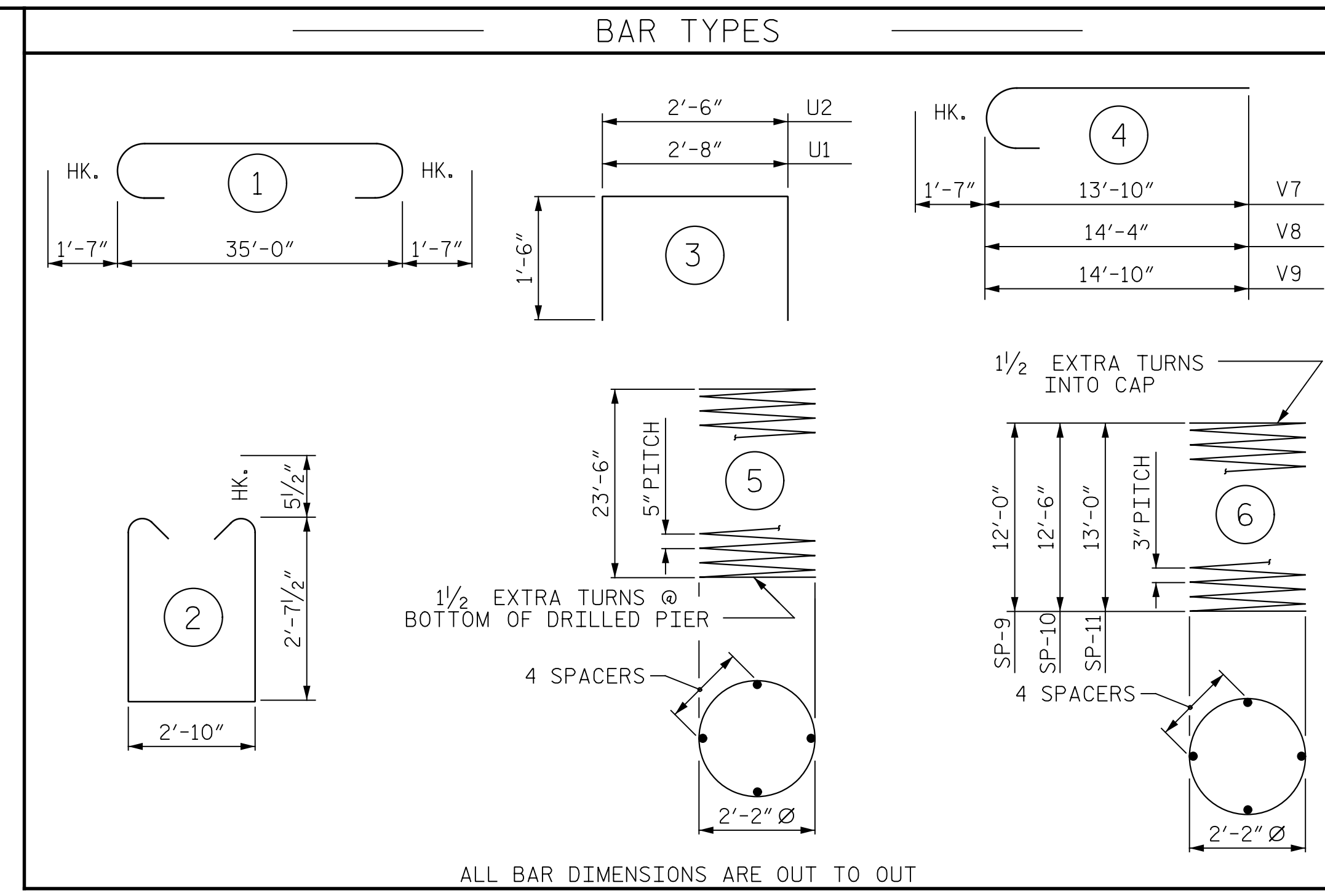


Usernames: jlm.austin
 Filenames: R:\Projects\19-55.01_SML.B.6046_SRI917_over_Long_Creek\NCDOT\Structures\Drawings\Find\401_023.B6046_SML.B3_02.830102.dgn
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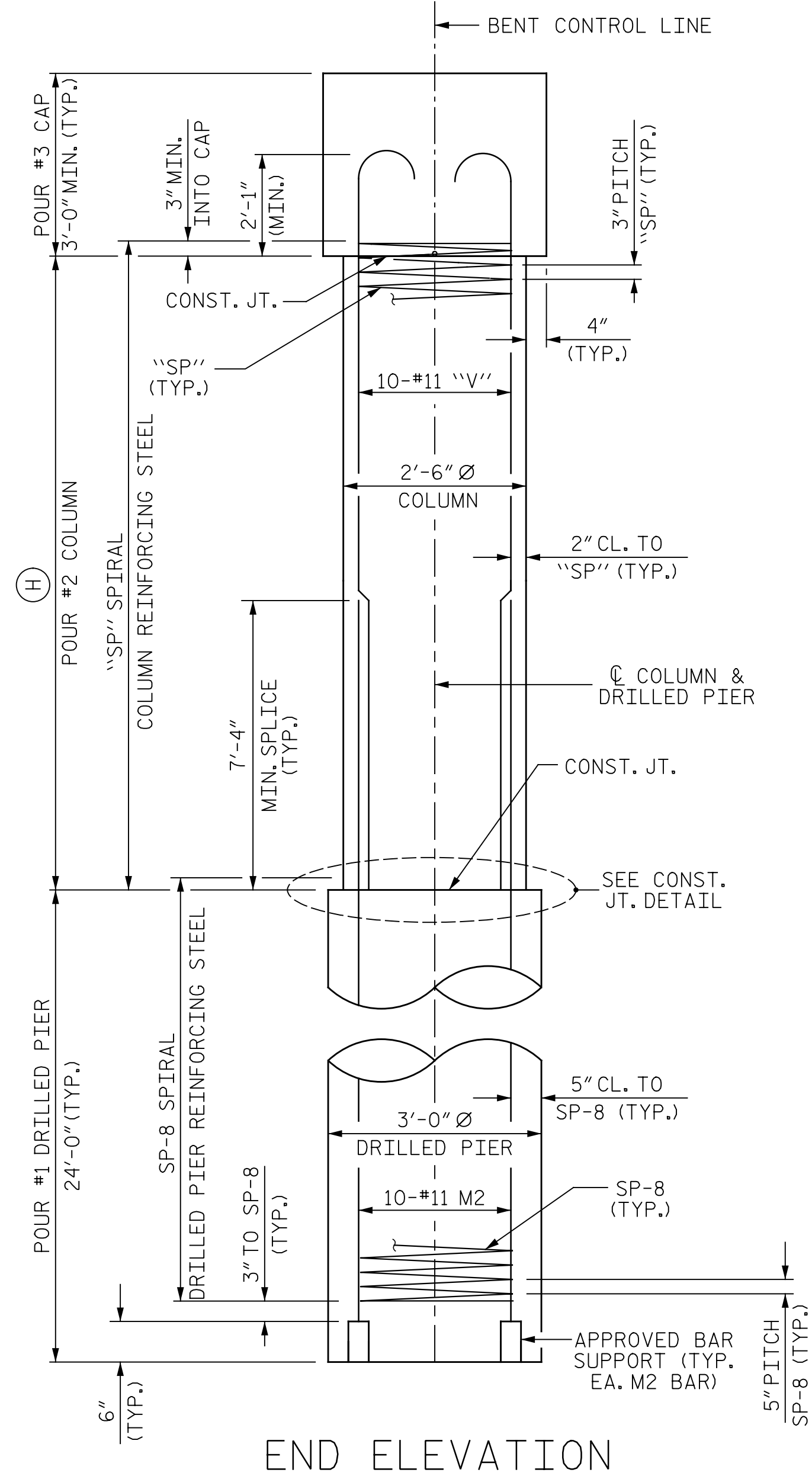


PLAN OF DRILLED PIERS & COLUMNS

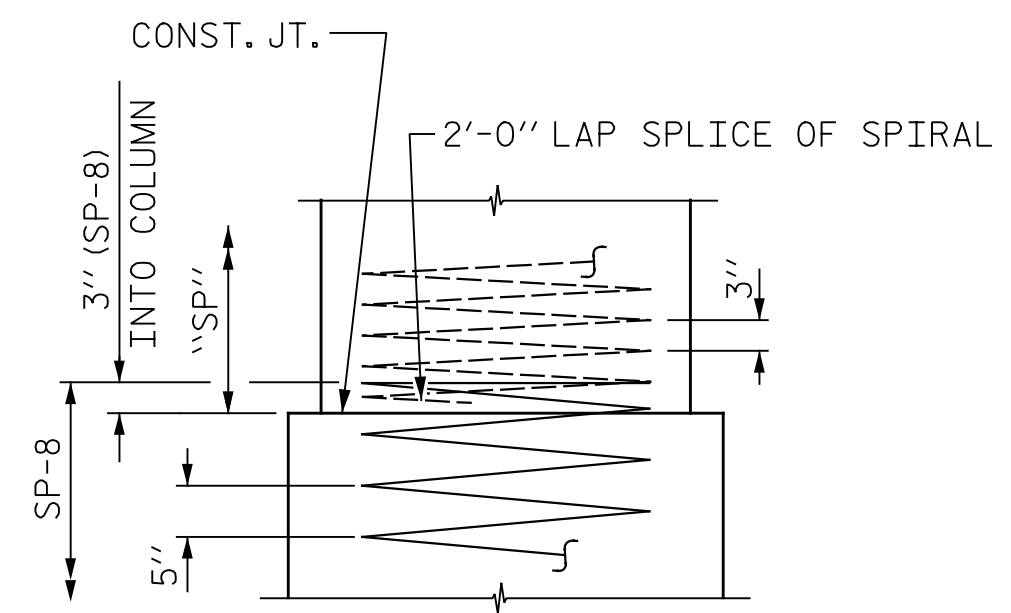


ALL BAR DIMENSIONS ARE OUT TO OUT

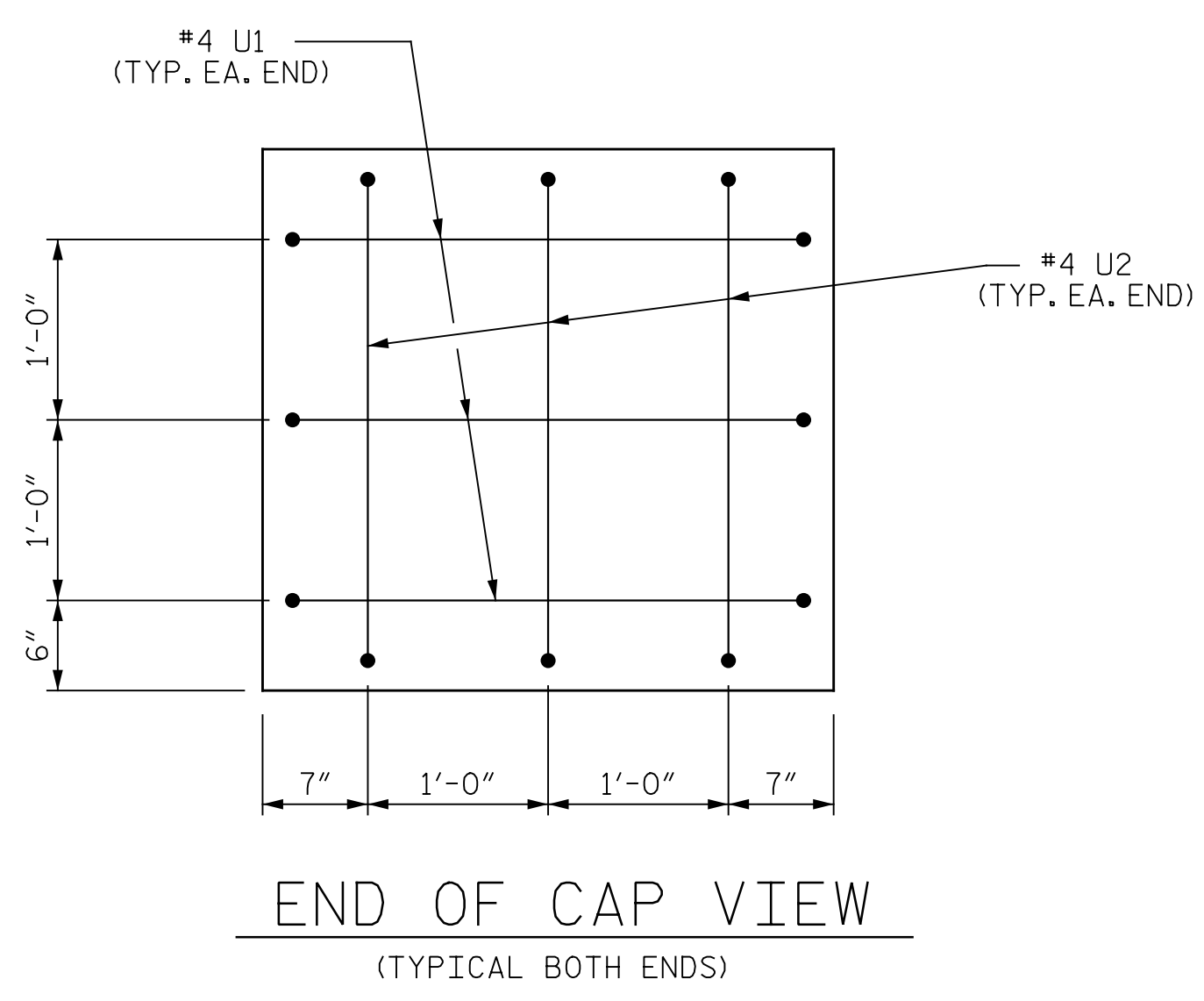
BILL OF MATERIAL					
BENT 3					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#11	1	38'-2"	2028
B2	6	#5	STR	35'-2"	220
D1	44	#6	STR	1'-6"	99
M2	30	#11	STR	30'-10"	4915
S1	60	#5	2	9'-0"	563
U1	6	#4	3	5'-8"	23
U2	6	#4	3	5'-6"	22
V7	10	#11	4	15'-5"	819
V8	10	#11	4	15'-11"	846
V9	10	#11	4	16'-5"	872
REINFORCING STEEL					10407 LBS.
SP-8	3	*	5	389'-5"	1218
SP-9	1	**	6	330'-8"	221
SP-10	1	**	6	344'-1"	230
SP-11	1	**	6	357'-5"	239
SPIRAL COLUMN REINFORCING STEEL					1908 LBS.
* THE SP-8 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR					
** THE SP-9, SP-10 & SP-11 SPIRAL REINF. STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR					
CLASS A CONCRETE BREAKDOWN (FOR BENT 3)					
POUR #2 (COLUMNS)					6.7 C.Y.
POUR #3 (CAP)					12.5 C.Y.
TOTAL CLASS A CONCRETE					19.2 C.Y.



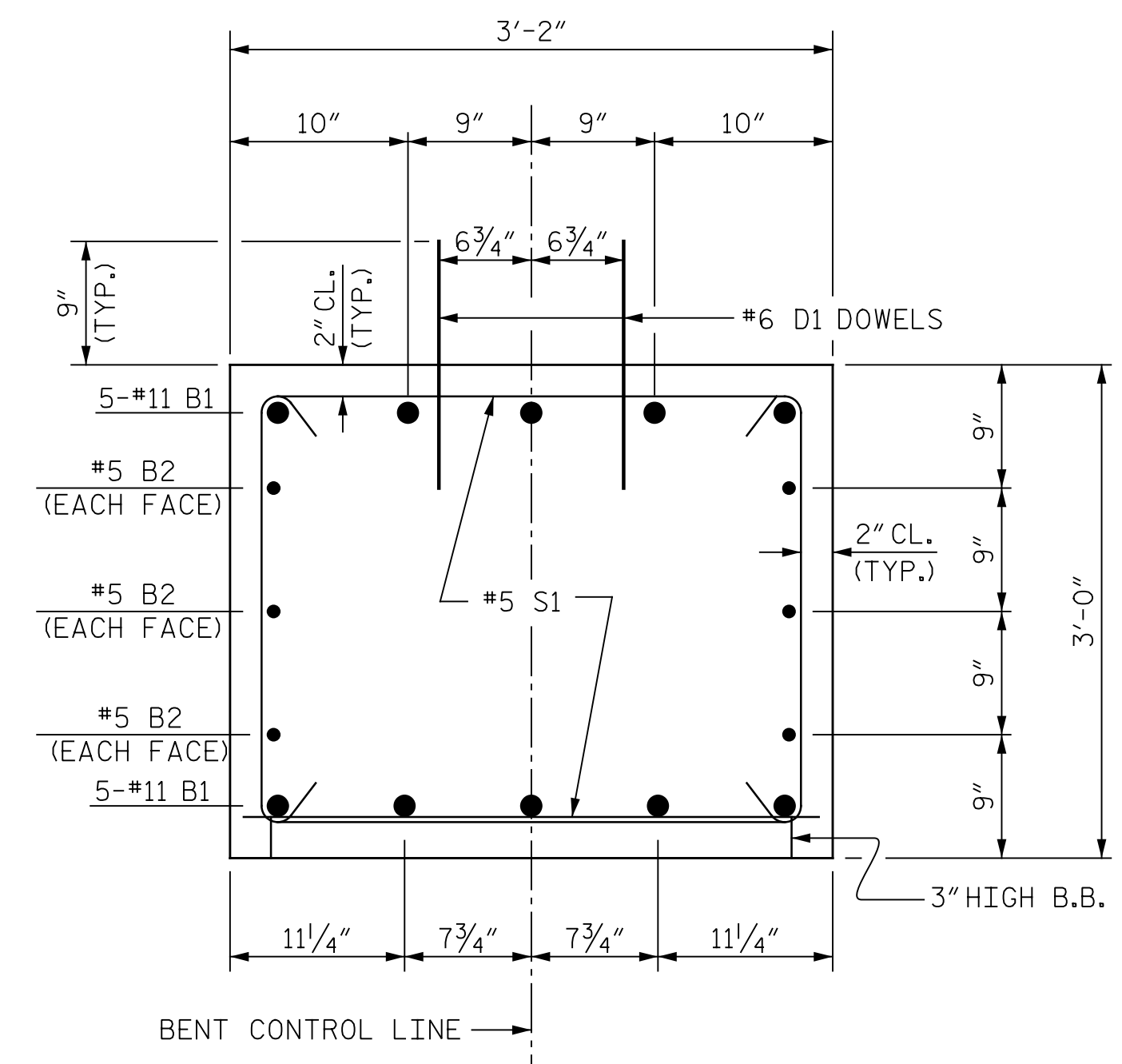
END ELEVATION



CONSTRUCTION JOINT DETAIL

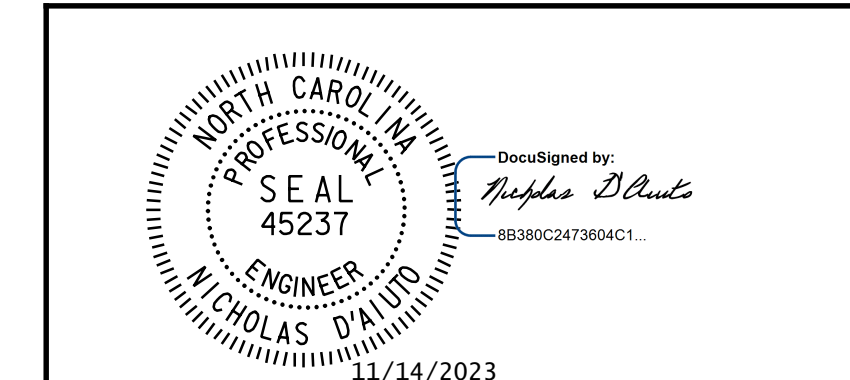


END OF CAP VIEW (TYPICAL BOTH ENDS)



SECTION THRU CAP

COLUMN HEIGHT (H)	
COL. 1	11'-8"
COL. 2	12'-2 1/4"
COL. 3	12'-8 1/2"



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-22	
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

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