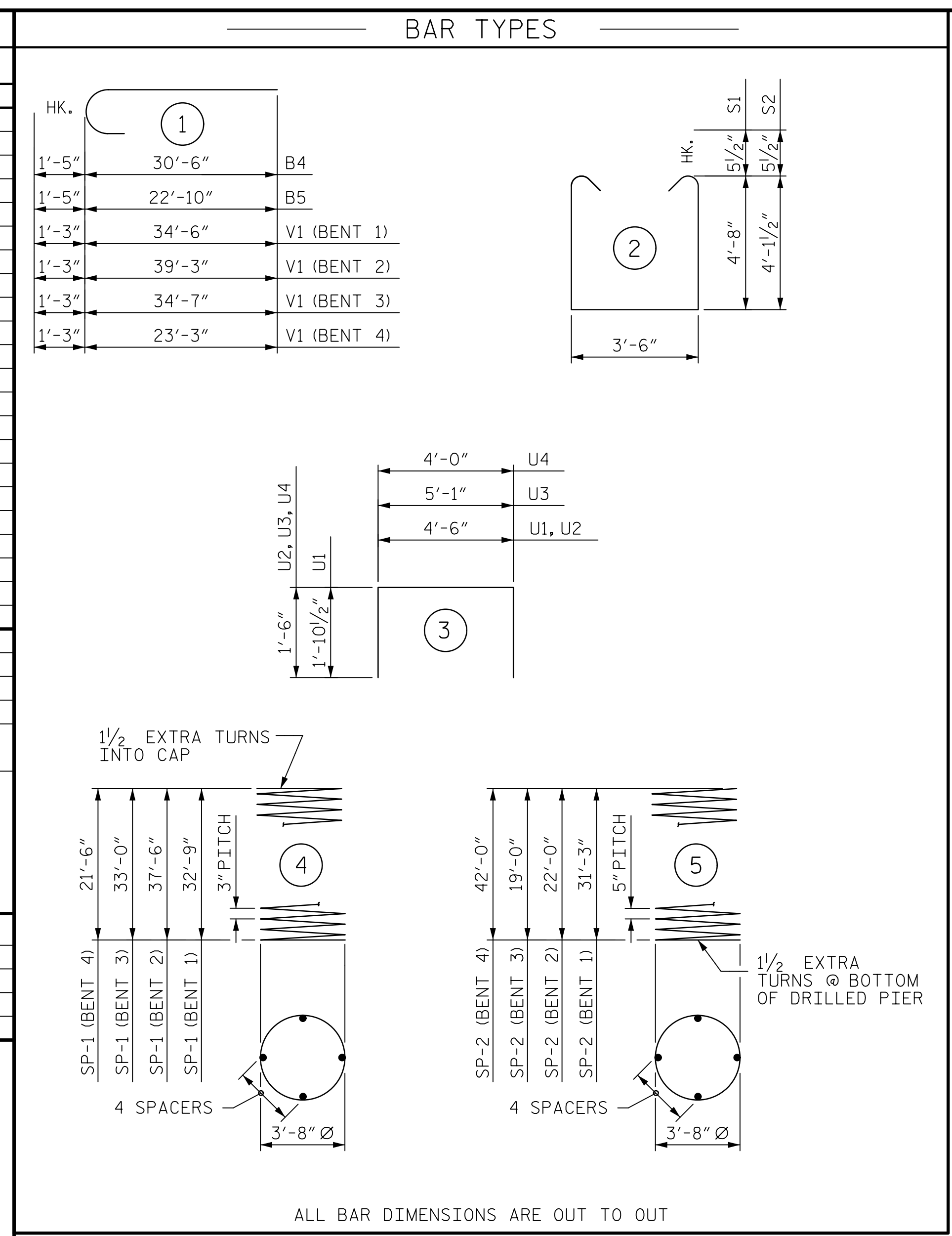


DATE: 4/15/2022  
TIME: 3:55:55 PM

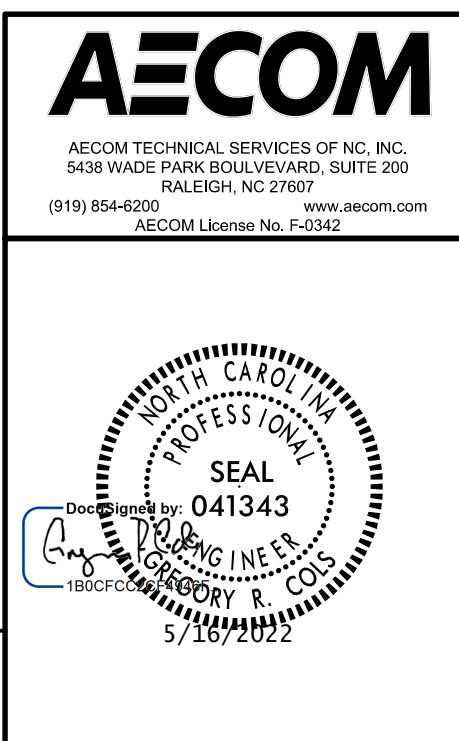
BILL OF MATERIAL						BILL OF MATERIAL						BILL OF MATERIAL						BILL OF MATERIAL					
BENT 1						BENT 2						BENT 3						BENT 4					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	STR	43'-3"	1176	B1	8	#9	STR	43'-3"	1176	B1	8	#9	STR	43'-3"	1176	B1	8	#9	STR	43'-3"	1176
B2	6	#5	STR	43'-3"	271	B2	6	#5	STR	43'-3"	271	B2	6	#5	STR	43'-3"	271	B2	6	#5	STR	43'-3"	271
B3	2	#5	STR	24'-8"	51	B3	2	#5	STR	24'-8"	51	B3	2	#5	STR	24'-8"	51	B3	2	#5	STR	24'-8"	51
B4	9	#10	1	31'-11"	1236	B4	9	#10	1	31'-11"	1236	B4	9	#10	1	31'-11"	1236	B4	9	#10	1	31'-11"	1236
B5	9	#10	1	24'-3"	939	B5	9	#10	1	24'-3"	939	B5	9	#10	1	24'-3"	939	B5	9	#10	1	24'-3"	939
B6	9	#4	STR	17'-9"	107	B6	9	#4	STR	17'-9"	107	B6	9	#4	STR	17'-9"	107	B6	9	#4	STR	17'-9"	107
B7	3	#4	STR	4'-6"	9	B7	3	#4	STR	4'-6"	9	B7	3	#4	STR	4'-6"	9	B7	3	#4	STR	4'-6"	9
M1	48	#9	STR	38'-4"	6256	M1	48	#9	STR	29'-1"	4746	M1	48	#9	STR	26'-1"	4257	M1	48	#9	STR	49'-1"	8010
S1	72	#5	2	13'-9"	1033	S1	72	#5	2	13'-9"	1033	S1	72	#5	2	13'-9"	1033	S1	72	#5	2	13'-9"	1033
S2	36	#5	2	12'-8"	476	S2	36	#5	2	12'-8"	476	S2	36	#5	2	12'-8"	476	S2	36	#5	2	12'-8"	476
U1	51	#4	3	8'-3"	281	U1	51	#4	3	8'-3"	281	U1	51	#4	3	8'-3"	281	U1	51	#4	3	8'-3"	281
U2	11	#4	3	7'-6"	55	U2	11	#4	3	7'-6"	55	U2	11	#4	3	7'-6"	55	U2	11	#4	3	7'-6"	55
U3	6	#4	3	8'-1"	32	U3	6	#4	3	8'-1"	32	U3	6	#4	3	8'-1"	32	U3	6	#4	3	8'-1"	32
U4	6	#4	3	7'-0"	28	U4	6	#4	3	7'-0"	28	U4	6	#4	3	7'-0"	28	U4	6	#4	3	7'-0"	28
V1	48	#9	1	35'-9"	5834	V1	48	#9	1	40'-6"	6610	V1	48	#9	1	36'-0"	5875	V1	48	#9	1	24'-6"	3998
REINFORCING STEEL 17,784 LBS.						REINFORCING STEEL 17,050 LBS.						REINFORCING STEEL 15,826 LBS.						REINFORCING STEEL 17,702 LBS.					
SP-1	3	*	4	1503'-7"	3013	SP-1	3	*	4	1731'-5"	3470	SP-1	3	*	4	1526'-5"	3059	SP-1	3	*	4	1002'-5"	2009
SP-2	3	**	5	871'-9"	2728	SP-2	3	**	5	618'-10"	1936	SP-2	3	**	5	536'-9"	1679	SP-2	3	**	5	1165'-10"	3648
SPIRAL COLUMN REINFORCING STEEL 5,741 LBS.						SPIRAL COLUMN REINFORCING STEEL 5,406 LBS.						SPIRAL COLUMN REINFORCING STEEL 4,738 LBS.						SPIRAL COLUMN REINFORCING STEEL 5,657 LBS.					
* THE SP-1 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 W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR						* THE SP-1 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 W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR					
** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR						** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR						** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR						** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR					
CLASS A CONCRETE BREAKDOWN						CLASS A CONCRETE BREAKDOWN						CLASS A CONCRETE BREAKDOWN						CLASS A CONCRETE BREAKDOWN					
POUR #2 (COLUMNS) 45.0 C.Y.						POUR #2 (COLUMNS) 52.0 C.Y.						POUR #2 (COLUMNS) 46.0 C.Y.						POUR #2 (COLUMNS) 30.0 C.Y.					
POUR #3 (CAP) 39.5 C.Y.						POUR #3 (CAP) 39.5 C.Y.						POUR #3 (CAP) 39.5 C.Y.						POUR #3 (CAP) 39.5 C.Y.					
TOTAL CLASS A CONCRETE 84.5 C.Y.						TOTAL CLASS A CONCRETE 91.5 C.Y.						TOTAL CLASS A CONCRETE 85.5 C.Y.						TOTAL CLASS A CONCRETE 69.5 C.Y.					
DRILLED PIERS:						DRILLED PIERS:						DRILLED PIERS:						DRILLED PIERS:					
DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 55.7 C.Y.						DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 39.3 C.Y.						DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 34.0 C.Y.						DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 74.7 C.Y.					
4'-6" Ø DRILLED PIERS IN SOIL 69.5 LIN. FT.						4'-6" Ø DRILLED PIERS IN SOIL 26.8 LIN. FT.						4'-6" Ø DRILLED PIERS IN SOIL 15.8 LIN. FT.						4'-6" Ø DRILLED PIERS IN SOIL 96.8 LIN. FT.					
4'-6" Ø DRILLED PIERS NOT IN SOIL 25 LIN. FT.						4'-6" Ø DRILLED PIERS NOT IN SOIL 40 LIN. FT.						4'-6" Ø DRILLED PIERS NOT IN SOIL 42 LIN. FT.						4'-6" Ø DRILLED PIERS NOT IN SOIL 30 LIN. FT.					
CSL TUBES 493.5 LIN. FT.						CSL TUBES 354.0 LIN. FT.						CSL TUBES 309.0 LIN. FT.						CSL TUBES 654.0 LIN. FT.					
PERM. STEEL CASING FOR 54" Ø DRILLED PIER 46.5 LIN. FT.						PERM. STEEL CASING FOR 54" Ø DRILLED PIER 24.4 LIN. FT.						PERM. STEEL CASING FOR 54" Ø DRILLED PIER 15.4 LIN. FT.						PERM. STEEL CASING FOR 54" Ø DRILLED PIER 54.0 LIN. FT.					



USER: gmg@acum  
DIR: R:\Structures\04 Drawings\01\_0065\_BRO044\_LSMU\_B103.dgn

DRAWN BY : M. K. TOM      DATE : 11/2019  
 CHECKED BY : G. R. COLS      DATE : 11/2019  
 DESIGNED BY : S. NATARAJAN      DATE : 11/2019  
 DESIGN CHECKED BY : G. R. COLS      DATE : 11/2019

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED



PROJECT NO. BR-0044  
 ROCKINGHAM COUNTY  
 STATION: 21+97.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE					
BENTS 1-4					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-33
TOTAL SHEETS					39