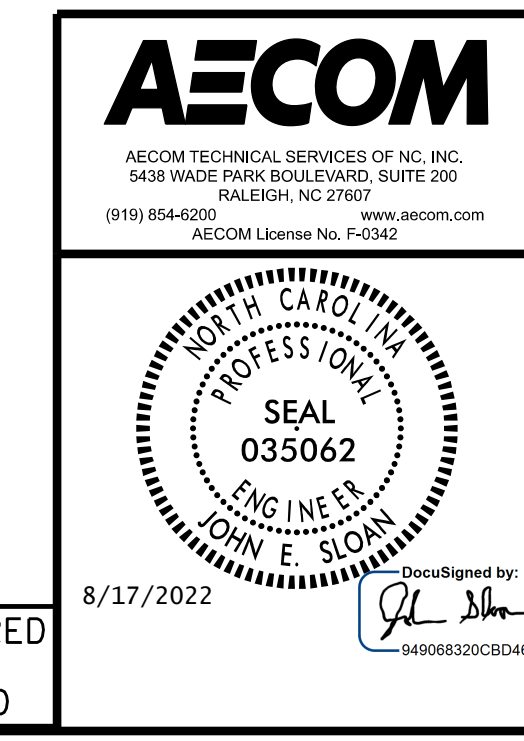


**BILL OF MATERIAL**

**BENT 1**

STAGE I						STAGE II						STAGE III					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	STR	40'-0"	1088	B1	8	#9	STR	40'-0"	1088	B1	8	#9	STR	40'-0"	1088
B2	10	#5	STR	40'-0"	417	B2	10	#5	STR	40'-0"	417	B2	10	#5	STR	40'-0"	417
B3	8	#9	1	42'-6"	1156	B3	8	#9	1	42'-6"	1156	B3	8	#9	1	42'-6"	1156
B4	8	#4	STR	5'-4"	29	B4	8	#4	STR	5'-4"	29	B4	8	#4	STR	5'-4"	29
B5	16	#4	STR	8'-2"	87							B5	16	#4	STR	8'-2"	87
M1	96	#11	STR	32'-7"	16619	M2	96	#11	STR	32'-1"	16364	M3	96	#11	STR	31'-7"	16109
S1	104	#5	2	14'-10"	1609	S1	104	#5	2	14'-10"	1609	S1	104	#5	2	14'-10"	1609
U1	59	#4	3	8'-0"	315	U1	58	#4	3	8'-0"	310	U1	59	#4	3	8'-0"	315
U2	13	#4	3	7'-7"	66	U2	12	#4	3	7'-7"	61	U2	13	#4	3	7'-7"	66
U3	5	#4	3	7'-10"	26	U3	10	#4	3	7'-10"	53	U3	5	#4	3	7'-10"	26
U4	5	#4	3	8'-7"	29							U5	5	#4	3	8'-6"	28
V1	48	#11	4	51'-10"	13219	V2	48	#11	4	53'-4"	13601	V3	48	#11	4	53'-1"	13538
V4	48	#11	STR	45'-0"	11476	V4	48	#11	STR	45'-0"	11476	V4	48	#11	STR	45'-0"	11476
REINFORCING STEEL 46,136 LBS.						REINFORCING STEEL 46,164 LBS.						REINFORCING STEEL 45,944 LBS.					
SP-1	3	*	5	2517'-10"	5046	SP-3	3	*	5	2595'-6"	5201	SP-5	3	*	5	2582'-6"	5175
SP-2	3	**	6	778'-11"	2437	SP-4	3	**	6	763'-5"	2389	SP-6	3	**	6	747'-11"	2340
SPIRAL COLUMN REINFORCING STEEL 7,483 LBS.						SPIRAL COLUMN REINFORCING STEEL 7,590 LBS.						SPIRAL COLUMN REINFORCING STEEL 7,515 LBS.					
* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR						* THE SP-3 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR						* THE SP-5 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-4 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR						** THE SP-6 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					
POUR #2 (COLUMNS) 84.8 C.Y.						POUR #2 (COLUMNS) 87.4 C.Y.						POUR #2 (COLUMNS) 87.0 C.Y.					
POUR #3 (CAP) 45.2 C.Y.						POUR #3 (CAP) 43.7 C.Y.						POUR #3 (CAP) 44.9 C.Y.					
TOTAL CLASS A CONCRETE 130.0 C.Y.						TOTAL CLASS A CONCRETE 131.1 C.Y.						TOTAL CLASS A CONCRETE 131.9 C.Y.					
DRILLED PIERS:						DRILLED PIERS:						DRILLED PIERS:					
DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 54.5 C.Y.						DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 53.5 C.Y.						DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS) 52.4 C.Y.					

PROJECT NO. B-4442  
BUNCOMBE COUNTY  
 STATION: 315+72.39 -L-  
 SHEET 5 OF 5



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
**BENT 1**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			58
2			4			

DRAWN BY : D.R. DRUM DATE : 04/2022  
 CHECKED BY : J.C. MORRISON DATE : 05/2022  
 DESIGN ENGINEER OF RECORD : J.E. SLOAN DATE : 05/2022

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED