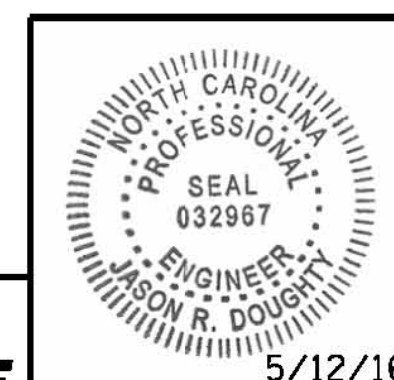


BILL OF MATERIAL

BENT 21												BENT 22											
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#11	1	53'-0"	2816	S25	24	#5	5	20'-5"	511	B1	10	#11	1	53'-0"	2816	S25	24	#5	5	20'-5"	511
B2	10	#11	STR	49'-10"	2648	S26	168	#5	6	14'-1"	2468	B2	10	#11	STR	49'-10"	2648	S26	120	#5	6	14'-1"	1763
B3	8	#10	STR	40'-4"	1388	S27	336	#5	10	4'-6"	1577	B3	8	#10	STR	40'-4"	1388	S27	240	#5	10	4'-6"	1126
B4	6	#10	STR	42'-4"	1093							B4	6	#10	STR	42'-4"	1093						
B5	8	#10	2	10'-6"	361	T1	188	#9	STR	19'-4"	12358	B5	8	#10	2	10'-6"	361	T1	188	#9	STR	19'-4"	12358
B6	8	#10	2	10'-4"	356	T2	136	#7	STR	19'-4"	5374	B6	8	#10	2	10'-4"	356	T2	136	#7	STR	19'-4"	5374
B7	14	#7	STR	49'-10"	1426	T3	72	#5	STR	19'-4"	1452	B7	14	#7	STR	49'-10"	1426	T3	72	#5	STR	19'-4"	1452
B8	2	#7	STR	47'-8"	195	T4	312	#5	7	6'-10"	2224	B8	2	#7	STR	47'-8"	195	T4	312	#5	7	6'-10"	2224
B9	2	#7	STR	45'-0"	184	T5	110	#5	STR	7'-2"	822	B9	2	#7	STR	45'-0"	184	T5	110	#5	STR	7'-2"	822
B10	40	#4	STR	6'-3"	167							B10	40	#4	STR	6'-3"	167						
B11	10	#4	STR	5'-2"	35	U1	50	#4	7	8'-6"	284	B11	10	#4	STR	5'-2"	35	U1	50	#4	7	8'-6"	284
B12	24	#4	STR	4'-6"	72	U2	10	#4	7	7'-4"	49	B12	24	#4	STR	4'-6"	72	U2	10	#4	7	7'-4"	49
						U3	5	#4	7	8'-2"	27							U3	5	#4	7	8'-2"	27
D1	42	#10	STR	39'-4"	7109	U4	5	#4	7	8'-4"	28	D1	42	#10	STR	39'-4"	7109	U4	5	#4	7	8'-4"	28
D2	76	#5	7	10'-4"	819							D2	76	#5	7	10'-4"	819						
D3	14	#5	5	17'-11"	262	V1	36	#11	3	24'-1"	4606	D3	14	#5	5	17'-11"	262	V1	36	#11	3	18'-6"	3538
						V2	36	#11	3	24'-11"	4766							V2	36	#11	3	19'-4"	3698
M1	160	#11	3	60'-0"	51005	V3	72	#11	9	19'-7"	7491	M1	160	#11	3	60'-0"	51005	V3	72	#11	9	19'-7"	7491
M2	160	#11	STR	56'-2"	47746							M2	160	#11	STR	59'-2"	50296						
						EPOXY COATED REINFORCING STEEL LBS. 164,270						EPOXY COATED REINFORCING STEEL LBS. 163,528											
S1	110	#5	4	4'-1"	468							S1	110	#5	4	4'-1"	468						
S2	66	#5	5	19'-1"	1314							S2	66	#5	5	19'-1"	1314						
S3	2	#5	5	18'-9"	39	SP-1	8	*	8	2438'-9"	20349	S3	2	#5	5	18'-9"	39	SP-1	8	*	8	2513'-1"	20969
S4	2	#5	5	18'-3"	38							S4	2	#5	5	18'-3"	38						
S5	2	#5	5	17'-11"	37							S5	2	#5	5	17'-11"	37						
S6	2	#5	5	17'-5"	36	EPOXY COATED SPIRAL DRILLED PIER REINFORCING STEEL LBS. 20,349						EPOXY COATED SPIRAL DRILLED PIER REINFORCING STEEL LBS. 20,969											
S7	2	#5	5	17'-0"	35	CLASS "AA" CONCRETE BREAKDOWN						CLASS "AA" CONCRETE BREAKDOWN											
S8	2	#5	5	16'-7"	35	POUR #2 - FOOTING C.Y. 179.8						POUR #2 - FOOTING C.Y. 179.8											
S9	2	#5	5	16'-2"	34	POUR #3 - STRUT C.Y. 62.7						POUR #3 - STRUT C.Y. 62.7											
S10	2	#5	5	15'-9"	33	POUR #4 - COLUMNS C.Y. 35.4						POUR #4 - COLUMNS C.Y. 22.0											
S11	2	#5	5	15'-4"	32	POUR #5 - CAP C.Y. 73.9						POUR #5 - CAP C.Y. 73.9											
S12	2	#5	5	14'-10"	31	CLASS "AA" CONCRETE C.Y. 351.8						CLASS "AA" CONCRETE C.Y. 338.4											
S13	2	#5	5	14'-5"	30	4'-0" Ø DRILLED PIERS QUANTITIES:						4'-0" Ø DRILLED PIERS QUANTITIES:											
S14	2	#5	5	18'-11"	39	DRILLED PIER LIN. FT. 781.9						DRILLED PIER LIN. FT. 805.9											
S15	2	#5	5	18'-6"	39	POUR 1 - DRILLED PIER C.Y. 363.9						POUR 1 - DRILLED PIER C.Y. 375.1											
S16	2	#5	5	18'-1"	38	PERMANENT STEEL CASING FOR 4'-0" Ø DRILLED PIERS LIN. FT. 269.9						PERMANENT STEEL CASING FOR 4'-0" Ø DRILLED PIERS LIN. FT. 157.9											
S17	2	#5	5	17'-9"	37	CSL TUBES LIN. FT. 3175.7						CSL TUBES LIN. FT. 3271.7											
S18	2	#5	5	17'-4"	36	SPT TESTING EA. 8						SPT TESTING EA. 8											
S19	2	#5	5	16'-11"	35							S19	2	#5	5	16'-11"	35						
S20	2	#5	5	16'-7"	35							S20	2	#5	5	16'-7"	35						
S21	2	#5	5	16'-2"	34							S21	2	#5	5	16'-2"	34						
S22	2	#5	5	15'-9"	33							S22	2	#5	5	15'-9"	33						
S23	2	#5	5	15'-5"	32							S23	2	#5	5	15'-5"	32						
S24	2	#5	5	15'-0"	31							S24	2	#5	5	15'-0"	31						

NOTES:
 FOR NOTES, SEE SHEET 1 OF 5.
 FOR BAR TYPES, SEE SHEET 4 OF 5.

PROJECT NO. B-4929
PENDER COUNTY
 STATION: 38+13.81 -L2-
 SHEET 5 OF 5



PARSONS BRINCKERHOFF
 434 FAYETTEVILLE STREET
 SUITE 1500
 RALEIGH, NC 27601
 LICENSE NO. F-0165

DocuSigned by:
 Jason R. Doughty
 00F1C8644B274F7...

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENTS 19 THROUGH 22
 BILL OF MATERIALS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-189
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TOTAL SHEETS 278

DESIGNED BY: J. BORUTA DATE: MAR 2016
 DRAWN BY: K. WHITE DATE: MAR 2016
 CHECKED BY: J. DOUGHTY DATE: MAR 2016
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

5/12/2016
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