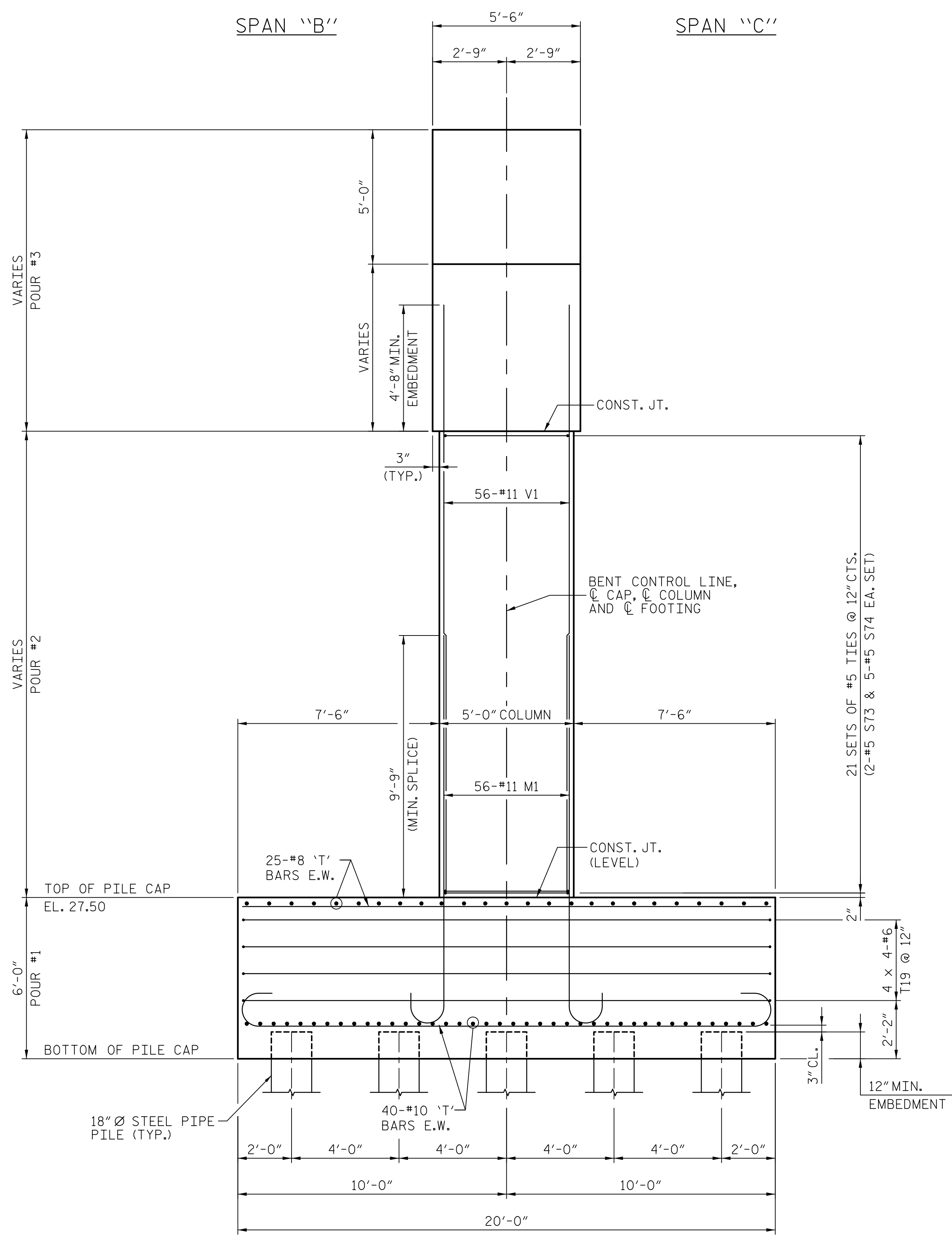


DATE: 4/7/2017
TIME: 4:52:40 PM

USER: R:\63324\454 - Structure\Floor\MOB_Structure\Code\MOL_BLD_S4E_R5516_SML_B203.dgn
DGN: R:\63324\454 - Structure\Floor\MOB_Structure\Code\MOL_BLD_S4E_R5516_SML_B203.dgn



END VIEW

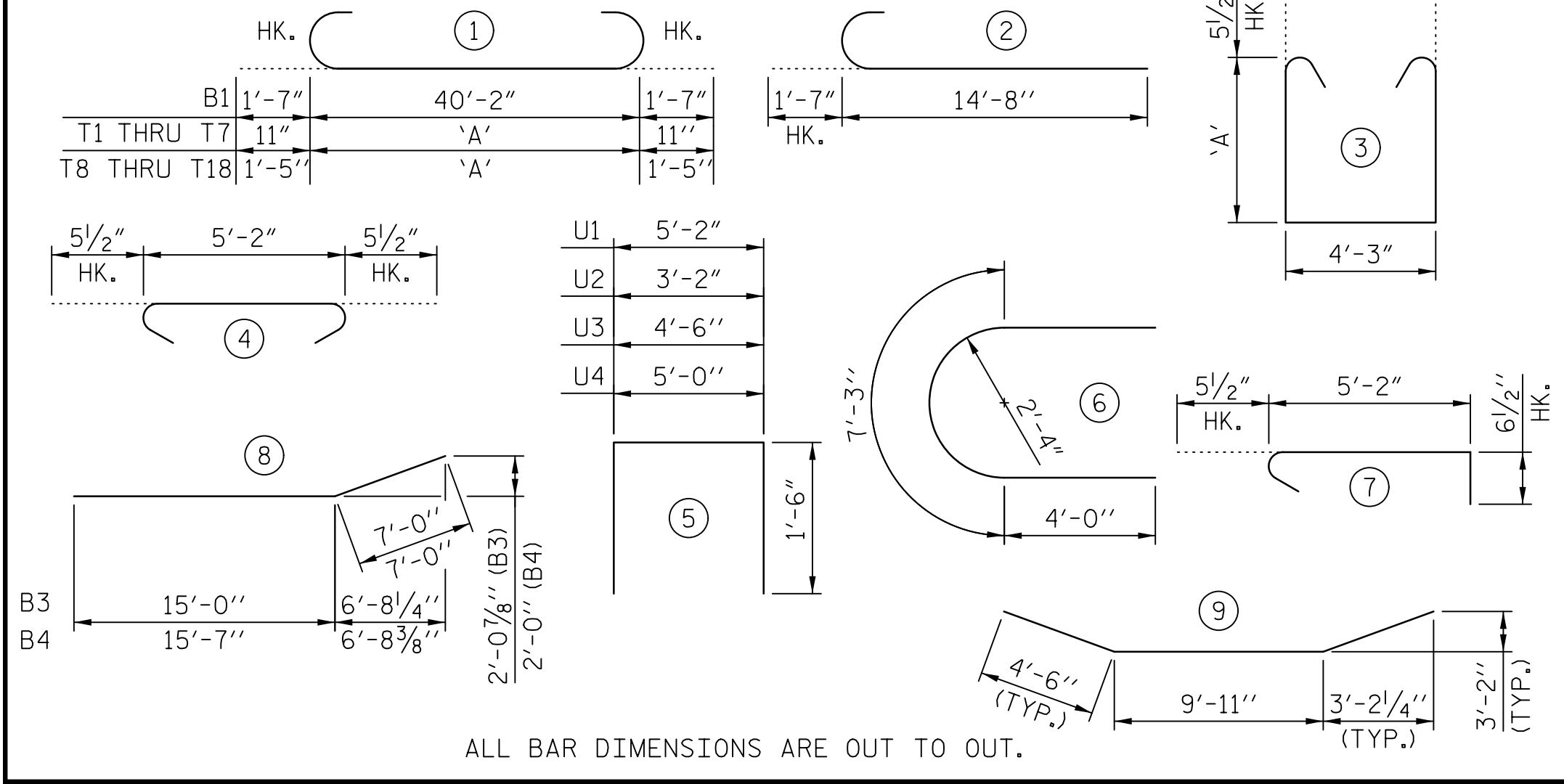
DRAWN BY : SGS DATE : 4/17
 CHECKED BY : JCM DATE : 4/17
 DESIGN E.O.R. : JCM DATE : 4/17

BILL OF MATERIAL

BENT 2

BAR NO.	SIZE	TYPE	DIM. 'A'	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	DIM. 'A'	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	DIM. 'A'	LENGTH	WEIGHT			
B1	10	11	1	-	43' 4"	2302	S28	2	5	3	8' - 2"	21' 6"	45	S68	2	5	3	5' - 1"	15' 4"	32
B2	10	11	STR	-	40' 3"	2138	S29	2	5	3	8' - 4"	21' 10"	46	S69	2	5	3	4' - 11"	15' 0"	31
B3	8	9	8	-	22' 0"	598	S30	2	5	3	8' - 5"	22' 0"	46	S70	2	5	3	4' - 10"	14' 10"	31
B4	8	9	8	-	22' 7"	614	S31	2	5	3	8' - 7"	22' 4"	47	S71	2	5	3	4' - 8"	14' 6"	30
B5	8	8	STR	-	40' 3"	860	S32	2	5	3	8' - 8"	22' 6"	47	S72	81	5	4	-	5' 9"	486
B6	2	8	STR	-	34' 5"	184	S33	2	5	3	8' - 10"	22' 10"	48	S73	42	5	6	-	15' 3"	668
B7	2	8	STR	-	27' 10"	149	S34	2	5	3	8' - 11"	23' 0"	48	S74	105	5	7	-	6' 2"	675
B8	2	8	STR	-	21' 3"	113	S35	2	5	3	9' - 1"	23' 4"	49	T1	26	8	1	19' - 6"	21' 4"	1481
B9	2	8	STR	-	14' 8"	78	S36	22	5	3	9' - 2"	23' 6"	539	T2	4	8	1	9' - 11"	11' 9"	125
B10	11	4	STR	-	5' 2"	38	S37	2	5	3	9' - 1"	23' 4"	49	T3	4	8	1	11' - 8"	13' 6"	144
M1	56	11	2	-	16' 3"	4835	S38	2	5	3	9' - 0"	23' 2"	48	T4	4	8	1	13' - 6"	15' 4"	164
S1	2	5	3	4' - 8"	14' 6"	30	S40	2	5	3	8' - 8"	22' 6"	47	T5	4	8	1	15' - 4"	17' 2"	183
S2	2	5	3	4' - 10"	14' 10"	31	S41	2	5	3	8' - 7"	22' 4"	47	T6	4	8	1	17' - 2"	19' 0"	203
S3	2	5	3	4' - 11"	15' 0"	31	S42	2	5	3	8' - 5"	22' 0"	46	T7	4	8	1	18' - 11"	20' 9"	222
S4	2	5	3	5' - 1"	15' 4"	32	S43	2	5	3	8' - 4"	21' 10"	46	T8	40	10	1	19' - 6"	22' 4"	3844
S5	2	5	3	5' - 2"	15' 6"	32	S44	2	5	3	8' - 2"	21' 6"	45	T9	4	10	1	9' - 11"	12' 9"	219
S6	2	5	3	5' - 4"	15' 10"	33	S45	2	5	3	8' - 0"	21' 2"	44	T10	4	10	1	10' - 11"	13' 9"	237
S7	2	5	3	5' - 5"	16' 0"	33	S46	2	5	3	7' - 11"	21' 0"	44	T11	4	10	1	11' - 11"	14' 9"	254
S8	2	5	3	5' - 7"	16' 4"	34	S47	2	5	3	7' - 9"	20' 8"	43	T12	4	10	1	12' - 11"	15' 9"	271
S9	2	5	3	5' - 8"	16' 6"	34	S48	2	5	3	7' - 8"	20' 6"	43	T13	4	10	1	13' - 11"	16' 9"	288
S10	2	5	3	5' - 10"	16' 10"	35	S49	2	5	3	7' - 6"	20' 2"	42	T14	4	10	1	14' - 11"	17' 9"	306
S11	2	5	3	6' - 0"	17' 2"	36	S50	2	5	3	7' - 5"	20' 0"	42	T15	4	10	1	15' - 11"	18' 9"	323
S12	2	5	3	6' - 1"	17' 4"	36	S51	2	5	3	7' - 3"	19' 8"	41	T16	4	10	1	16' - 11"	19' 9"	340
S13	2	5	3	6' - 3"	17' 8"	37	S52	2	5	3	7' - 2"	19' 6"	41	T17	4	10	1	17' - 11"	20' 9"	357
S14	2	5	3	6' - 4"	17' 10"	37	S53	2	5	3	7' - 0"	19' 2"	40	T18	4	10	1	18' - 11"	21' 9"	374
S15	2	5	3	6' - 6"	18' 2"	38	S54	2	5	3	6' - 10"	18' 10"	39	T19	16	6	9	-	18' 11"	455
S16	2	5	3	6' - 8"	18' 6"	39	S55	2	5	3	6' - 9"	18' 8"	39	U1	35	4	5	-	8' 2"	191
S17	2	5	3	6' - 9"	18' 8"	39	S56	2	5	3	6' - 7"	18' 4"	38	U2	45	4	5	-	6' 2"	185
S18	2	5	3	6' - 10"	18' 10"	39	S57	2	5	3	6' - 6"	18' 2"	38	U3	12	4	5	-	7' 6"	60
S19	2	5	3	7' - 0"	19' 2"	40	S58	2	5	3	6' - 4"	17' 10"	37	U4	10	4	5	-	8' 0"	53
S20	2	5	3	7' - 2"	19' 6"	41	S59	2	5	3	6' - 3"	17' 8"	37	V1	56	11	STR	-	21' 9"	6471
S21	2	5	3	7' - 3"	19' 8"	41	S60	2	5	3	6' - 1"	17' 4"	36	TOTAL REINFORCING STEEL LBS. 33790						
S22	2	5	3	7' - 4"	19' 10"	41	S61	2	5	3	6' - 0"	17' 2"	36	BENT 2 TOTAL QUANTITIES						
S23	2	5	3	7' - 6"	20' 2"	42	S62	2	5	3	5' - 10"	16' 10"	35	CLASS A CONCRETE						
S24	2	5	3	7' - 8"	20' 6"	43	S63	2	5	3	5' - 9"	16' 8"	35	POUR 1 (FOOTING) C.Y. 77.8						
S25	2	5	3	7' - 9"	20' 8"	43	S64	2	5	3	5' - 7"	16' 4"	34	POUR 2 (COLUMN) C.Y. 33.7						
S26	2	5	3	7' - 11"	21' 0"	44	S65	2	5	3	5' - 5"	16' 0"	33	POUR 3 (CAP) C.Y. 65.7						
S27	2	5	3	8' - 0"	21' 2"	44	S66	2	5	3	5' - 4"	15' 10"	33	TOTAL C.Y. 177.2						
							S67	2	5	3	5' - 2"	15' 6"	32	18" Ø STEEL PIPE PILES NO. 21						

BAR TYPES



PROJECT NO. R-5516
 CRAVEN COUNTY
 STATION: 32+25.84 -YEB01-
 75+13.29 -L-
 SHEET 3 OF 3

AECOM
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4/12/2017
 NORTH CAROLINA PROFESSIONAL SEAL
 030474
 JOHN C. MORRISON
 ENGINEER

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE

BENT 2
 SECTIONS AND DETAILS

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-42	
1			3			TOTAL SHEETS 51	
2			4				

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED