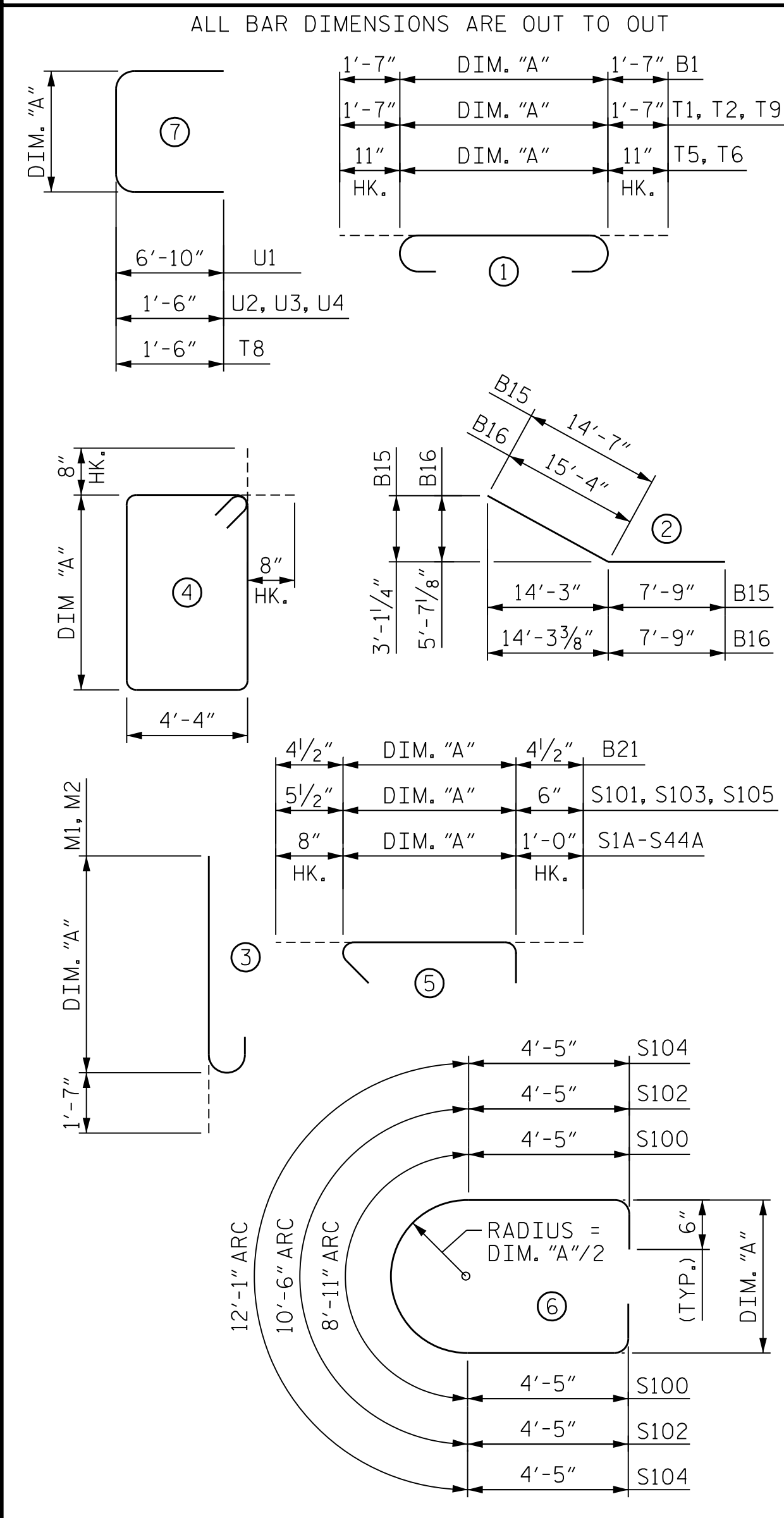


BILL OF MATERIAL - BENT 3

BAR	NO.	SIZE	TYPE	DIM. "A"	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	DIM. "A"	LENGTH	WEIGHT
B1	12	#11	1	41'-6"	44'-8"	2,848	S1A	2	#6	5	6'-10"	8'-6"	26
B2	12	#11	STR.	--	40'-10"	2,603	S2A	2	#6	5	7'-0"	8'-8"	26
B3	24	#8	STR.	--	41'-8"	2,670	S3A	4	#6	5	7'-5"	9'-1"	55
B4	2	#8	STR.	--	37'-6"	200	S4A	2	#6	5	7'-7"	9'-3"	28
B5	2	#8	STR.	--	35'-2"	188	S5A	2	#6	5	7'-9"	9'-5"	28
B6	2	#8	STR.	--	32'-11"	176	S6A	2	#6	5	8'-0"	9'-8"	29
B7	2	#8	STR.	--	30'-8"	164	S7A	2	#6	5	8'-2"	9'-10"	30
B8	2	#8	STR.	--	28'-5"	152	S8A	2	#6	5	8'-4"	10'-0"	30
B9	2	#8	STR.	--	26'-2"	140	S9A	2	#6	5	8'-6"	10'-2"	31
B10	2	#8	STR.	--	23'-11"	128	S10A	2	#6	5	8'-8"	10'-4"	31
B11	2	#8	STR.	--	21'-7"	115	S11A	2	#6	5	8'-11"	10'-7"	32
B12	2	#8	STR.	--	19'-4"	103	S12A	2	#6	5	9'-1"	10'-9"	32
B13	2	#8	STR.	--	17'-0"	91	S13A	2	#6	5	9'-3"	10'-11"	33
B14	2	#8	STR.	--	14'-7"	78	S14A	2	#6	5	9'-5"	11'-1"	33
B15	12	#8	2	--	22'-4"	716	S15A	2	#6	5	9'-8"	11'-4"	34
B16	12	#8	2	--	23'-1"	740	S16A	2	#6	5	9'-10"	11'-6"	35
							S17A	2	#6	5	10'-0"	11'-8"	35
B20	11	#4	STR.	--	6'-8"	49	S18A	2	#6	5	10'-2"	11'-10"	36
B21	11	#4	5	6'-8"	7'-5"	54	S19A	2	#6	5	10'-4"	12'-0"	36
							S20A	2	#6	5	10'-7"	12'-3"	37
M1	68	#11	3	13'-4"	14'-11"	5,389	S21A	8	#6	5	10'-10"	12'-6"	150
M2	34	#11	3	21'-4"	22'-11"	4,140	S22A	8	#6	5	10'-11"	12'-7"	151
							S23A	8	#6	5	11'-4"	13'-0"	156
S1	2	#6	4	6'-10"	23'-8"	71	S24A	8	#6	5	11'-6"	13'-2"	158
S2	2	#6	4	7'-0"	24'-0"	72	S25A	2	#6	5	11'-4"	13'-0"	39
S3	4	#6	4	7'-4 1/2"	24'-9"	149	S26A	2	#6	5	11'-1"	12'-9"	38
S4	2	#6	4	7'-7"	25'-2"	76	S27A	2	#6	5	10'-10"	12'-6"	38
S5	2	#6	4	7'-9"	25'-6"	77	S28A	2	#6	5	10'-8"	12'-4"	37
S6	2	#6	4	7'-11 1/2"	25'-11"	78	S29A	2	#6	5	10'-5"	12'-1"	36
S7	2	#6	4	8'-1 1/2"	26'-3"	79	S30A	2	#6	5	10'-2"	11'-10"	36
S8	2	#6	4	8'-3 1/2"	26'-7"	80	S31A	2	#6	5	9'-11"	11'-7"	35
S9	2	#6	4	8'-6"	27'-0"	81	S32A	2	#6	5	9'-9"	11'-5"	34
S10	2	#6	4	8'-8"	27'-4"	82	S33A	2	#6	5	9'-6"	11'-2"	34
S11	2	#6	4	8'-10 1/2"	27'-9"	83	S34A	2	#6	5	9'-4"	11'-0"	33
S12	2	#6	4	9'-0 1/2"	28'-1"	84	S35A	2	#6	5	9'-1"	10'-9"	32
S13	2	#6	4	9'-3"	28'-6"	86	S36A	2	#6	5	8'-10"	10'-6"	32
S14	2	#6	4	9'-5"	28'-10"	87	S37A	2	#6	5	8'-8"	10'-4"	31
S15	2	#6	4	9'-7 1/2"	29'-3"	88	S38A	2	#6	5	8'-5"	10'-1"	30
S16	2	#6	4	9'-9 1/2"	29'-7"	89	S39A	2	#6	5	8'-2"	9'-10"	30
S17	2	#6	4	10'-0"	30'-0"	90	S40A	2	#6	5	8'-0"	9'-8"	29
S18	2	#6	4	10'-2"	30'-4"	91	S41A	2	#6	5	7'-9"	9'-5"	28
S19	2	#6	4	10'-4"	30'-8"	92	S42A	4	#6	5	7'-6"	9'-2"	55
S20	2	#6	4	10'-6 1/2"	31'-1"	93	S43A	2	#6	5	7'-1"	8'-9"	26
S21	8	#6	4	10'-9 1/2"	31'-7"	380	S44A	2	#6	5	6'-10"	8'-6"	26
S22	8	#6	4	10'-11"	31'-10"	383							
S23	8	#6	4	11'-4"	32'-8"	393							
S24	8	#6	4	11'-5 1/2"	32'-11"	396	S100	86	#5	6	5'-8"	18'-9"	1,682
S25	2	#6	4	11'-3 1/2"	32'-7"	98	S101	129	#5	5	5'-8"	6'-8"	897
S26	2	#6	4	11'-0 1/2"	32'-1"	96	S102	102	#5	6	6'-8"	20'-4"	2,163
S27	2	#6	4	10'-10"	31'-8"	95	S103	153	#5	5	6'-8"	7'-8"	1,223
S28	2	#6	4	10'-7 1/2"	31'-3"	94	S104	156	#5	6	7'-8"	21'-11"	3,566
S29	2	#6	4	10'-5"	30'-10"	93	S105	234	#5	5	7'-8"	8'-8"	2,115
S30	2	#6	4	10'-2"	30'-4"	91							
S31	2	#6	4	9'-11 1/2"	29'-11"	90	T1	69	#11	1	38'-6"	41'-8"	15,275
S32	2	#6	4	9'-9"	29'-6"	89	T2	82	#11	1	32'-6"	35'-8"	15,539
S33	2	#6	4	9'-6"	29'-0"	87	T3	28	#5	STR.	--	38'-6"	1,124
S34	2	#6	4	9'-3 1/2"	28'-7"	86	T4	28	#5	STR.	--	32'-6"	949
S35	2	#6	4	9'-1"	28'-2"	85	T5	36	#8	1	38'-6"	40'-4"	3,877
S36	2	#6	4	8'-10"	27'-8"	83	T6	42	#8	1	32'-6"	34'-4"	3,850
S37	2	#6	4	8'-7 1/2"	27'-3"	82	T8	284	#5	7	7'-5"	10'-5"	3,086
S38	2	#6	4	8'-5"	26'-10"	81	T9	2	#11	1	31'-10"	35'-0"	372
S39	2	#6	4	8'-2"	26'-4"	79							
S40	2	#6	4	7'-11 1/2"	25'-11"	78	U1	20	#6	7	6'-8"	20'-4"	611
S41	2	#6	4	7'-9"	25'-6"	77	U2	36	#6	7	6'-6 1/2"	9'-7"	518
S42	4	#6	4	7'-6"	25'-0"	150	U3	36	#4	7	6'-8"	9'-8"	232
S43	2	#6	4	7'-1"	24'-2"	73	U4	48	#4	7	3'-8"	6'-8"	214
S44	2	#6	4	6'-10"	23'-8"	71							
							V1	68	#11	STR.	--	38'-10"	14,030
							V2	34	#11	STR.	--	30'-10"	5,570
							V3	76	#11	STR.	--	28'-10"	11,643
							V4	60	#11	STR.	--	30'-4"	9,670

BAR TYPES



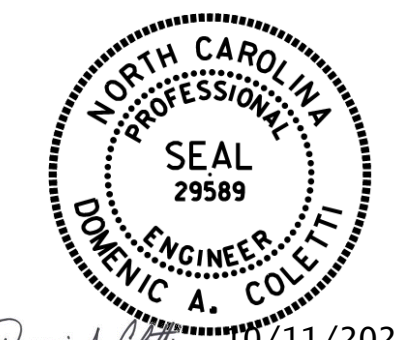
SUMMARY OF QUANTITIES - BENT 3

REINFORCING STEEL	LBS.	125,959
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	381.4
POUR #2 - COLUMN	C.Y.	142.0
POUR #3 - COLUMN	C.Y.	65.6
POUR #4 - COLUMN	C.Y.	42.9
POUR #5 - CAP	C.Y.	109.0
TOTAL	C.Y.	740.9
9/8" Ø STEEL MICROPILES *	NO.	54
9/8" Ø DEMONSTRATION STEEL MICROPILE	NO.	1

* SEE "SUBSTRUCTURE MICROPILE DETAILS" SHEET FOR MICROPILE DETAILS, QUANTITIES, AND NOTES.

NOTE
SEE SHEETS 1 AND 2 OF 6 FOR NOTES.

PROJECT NO. U-2579AB
FORSYTH COUNTY
STATION: 47+63.62 -Y15FLYBD-
SHEET 6 OF 6

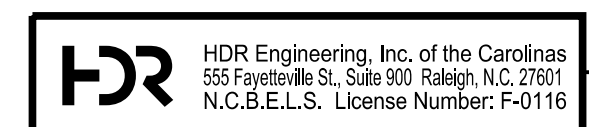


10/11/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE BENT 3 BILL OF MATERIALS

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS	
1	--	--	3	--	--	116	
2	--	--	4	--	--	116	



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT.pdf_color_eng-50dpi
USER: PPETERSO DATE: 10/11/2021
FILE: ...SUBSTR

DES BY: B. PETERSON DATE: 11/19
DES CHK: S. NIFONG DATE: 12/19
DWG BY: B. PETERSON DATE: 11/19
CHK BY: M. WERNER DATE: 12/19