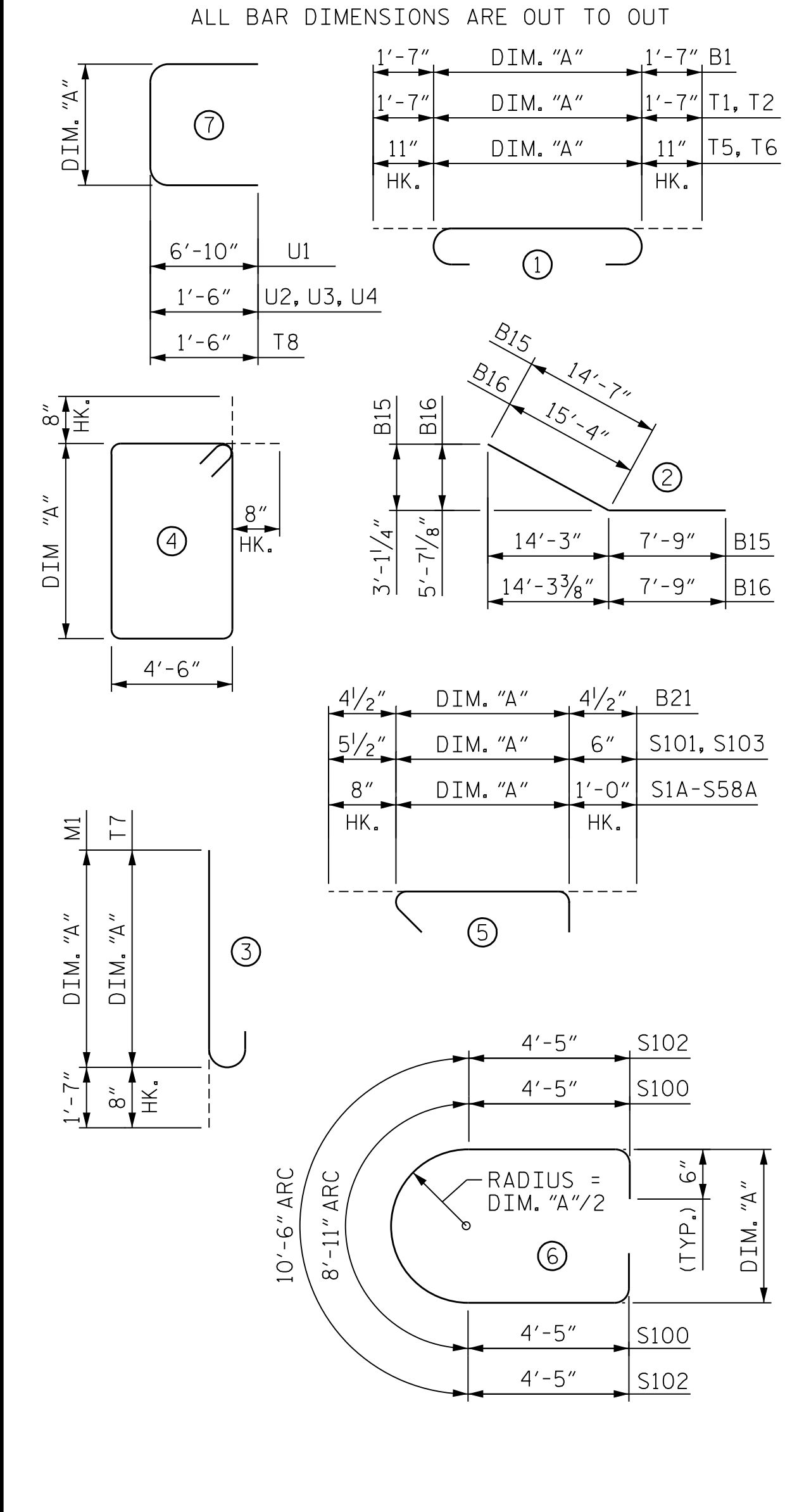


BILL OF MATERIAL - BENT 3

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	S54	2	#6	4	7'-7 1/2"	25'-7"	77
B2	18	#11	STR.	--	40'-10"	3,905	S55	4	#6	4	7'-5 1/2"	25'-3"	152
B3	22	#8	STR.	--	41'-8"	2,448	S56	2	#6	4	7'-1 1/2"	24'-7"	74
B4	2	#8	STR.	--	37'-6"	200	S57	2	#6	4	6'-11 1/2"	24'-3"	73
B5	2	#8	STR.	--	35'-2"	188	S58	2	#6	4	6'-9 1/2"	23'-11"	72
B6	2	#8	STR.	--	32'-11"	176							
B7	2	#8	STR.	--	30'-8"	164	S1A	2	#6	5	6'-10"	8'-6"	26
B8	2	#8	STR.	--	28'-5"	152	S2A	2	#6	5	6'-11"	8'-7"	26
B9	2	#8	STR.	--	26'-2"	140	S3A	2	#6	5	7'-1"	8'-9"	26
B10	2	#8	STR.	--	23'-11"	128	S4A	4	#6	5	7'-4"	9'-0"	54
B11	2	#8	STR.	--	21'-7"	115	S5A	2	#6	5	7'-6"	9'-2"	28
B12	2	#8	STR.	--	19'-4"	103	S6A	2	#6	5	7'-8"	9'-4"	28
B13	2	#8	STR.	--	17'-0"	91	S7A	2	#6	5	7'-9"	9'-5"	28
B14	2	#8	STR.	--	14'-7"	78	S8A	2	#6	5	7'-11"	9'-7"	29
B15	12	#8	2	--	22'-4"	716	S9A	2	#6	5	8'-1"	9'-9"	29
B16	12	#8	2	--	23'-1"	740	S10A	2	#6	5	8'-2"	9'-10"	30
							S11A	2	#6	5	8'-4"	10'-0"	30
B20	22	#4	STR.	--	6'-8"	98	S12A	2	#6	5	8'-5"	10'-1"	30
B21	11	#4	5	6'-8"	7'-5"	54	S13A	2	#6	5	8'-7"	10'-3"	31
							S14A	2	#6	5	8'-8"	10'-4"	31
M1	76	#11	3	14'-0"	15'-7"	6,292	S15A	2	#6	5	8'-11"	10'-7"	32
							S16A	2	#6	5	9'-0"	10'-8"	32
S1	2	#6	4	6'-9 1/2"	23'-11"	72	S17A	2	#6	5	9'-2"	10'-10"	33
S2	2	#6	4	6'-11"	24'-2"	73	S18A	2	#6	5	9'-4"	11'-0"	33
S3	2	#6	4	7'-0 1/2"	24'-5"	73	S19A	2	#6	5	9'-5"	11'-1"	33
S4	4	#6	4	7'-4"	25'-0"	150	S20A	2	#6	5	9'-7"	11'-3"	34
S5	2	#6	4	7'-5 1/2"	25'-3"	76	S21A	2	#6	5	9'-8"	11'-4"	34
S6	2	#6	4	7'-7 1/2"	25'-7"	77	S22A	2	#6	5	9'-10"	11'-6"	35
S7	2	#6	4	7'-9"	25'-10"	78	S23A	2	#6	5	10'-0"	11'-8"	35
S8	2	#6	4	7'-10 1/2"	26'-1"	78	S24A	2	#6	5	10'-2"	11'-10"	36
S9	2	#6	4	8'-0 1/2"	26'-5"	79	S25A	2	#6	5	10'-3"	11'-11"	36
S10	2	#6	4	8'-2"	26'-8"	80	S26A	2	#6	5	10'-5"	12'-1"	36
S11	2	#6	4	8'-3 1/2"	26'-11"	81	S27A	2	#6	5	10'-7"	12'-3"	37
S12	2	#6	4	8'-5 1/2"	27'-3"	82	S28A	8	#6	5	10'-10"	12'-6"	150
S13	2	#6	4	8'-7"	27'-6"	83	S29A	8	#6	5	10'-11"	12'-7"	151
S14	2	#6	4	8'-8 1/2"	27'-9"	83	S30A	8	#6	5	11'-4"	13'-0"	156
S15	2	#6	4	8'-10 1/2"	28'-1"	84	S31A	8	#6	5	11'-6"	13'-2"	158
S16	2	#6	4	9'-0"	28'-4"	85	S32A	2	#6	5	11'-4"	13'-0"	39
S17	2	#6	4	9'-2"	28'-8"	86	S33A	2	#6	5	11'-2"	12'-10"	39
S18	2	#6	4	9'-3 1/2"	28'-11"	87	S34A	2	#6	5	11'-0"	12'-8"	38
S19	2	#6	4	9'-5"	29'-2"	88	S35A	2	#6	5	10'-10"	12'-6"	38
S20	2	#6	4	9'-7"	29'-6"	89	S36A	2	#6	5	10'-8"	12'-4"	37
S21	2	#6	4	9'-8 1/2"	29'-9"	89	S37A	2	#6	5	10'-5"	12'-1"	36
S22	2	#6	4	9'-10"	30'-0"	90	S38A	2	#6	5	10'-4"	12'-0"	36
S23	2	#6	4	10'-0"	30'-4"	91	S39A	2	#6	5	10'-2"	11'-10"	36
S24	2	#6	4	10'-1 1/2"	30'-7"	92	S40A	2	#6	5	9'-11"	11'-7"	35
S25	2	#6	4	10'-3"	30'-10"	93	S41A	2	#6	5	9'-10"	11'-6"	35
S26	2	#6	4	10'-5"	31'-2"	94	S42A	2	#6	5	9'-8"	11'-4"	34
S27	2	#6	4	10'-6 1/2"	31'-5"	94	S43A	2	#6	5	9'-5"	11'-1"	33
S28	8	#6	4	10'-9 1/2"	31'-11"	384	S44A	2	#6	5	9'-4"	11'-0"	33
S29	8	#6	4	10'-11"	32'-2"	387	S45A	2	#6	5	9'-2"	10'-10"	33
S30	8	#6	4	11'-4"	33'-0"	397	S46A	2	#6	5	8'-11"	10'-7"	32
S31	8	#6	4	11'-5 1/2"	33'-3"	400	S47A	2	#6	5	8'-10"	10'-6"	32
S32	2	#6	4	11'-3 1/2"	32'-11"	99	S48A	2	#6	5	8'-8"	10'-4"	31
S33	2	#6	4	11'-1 1/2"	32'-7"	98	S49A	2	#6	5	8'-5"	10'-1"	30
S34	2	#6	4	10'-11 1/2"	32'-3"	97	S50A	2	#6	5	8'-4"	10'-0"	30
S35	2	#6	4	10'-9 1/2"	31'-11"	96	S51A	2	#6	5	8'-2"	9'-10"	30
S36	2	#6	4	10'-7 1/2"	31'-7"	95	S52A	2	#6	5	8'-0"	9'-8"	29
S37	2	#6	4	10'-5 1/2"	31'-3"	94	S53A	2	#6	5	7'-10"	9'-6"	29
S38	2	#6	4	10'-3 1/2"	30'-11"	93	S54A	2	#6	5	7'-8"	9'-4"	28
S39	2	#6	4	10'-1 1/2"	30'-7"	92	S55A	4	#6	5	7'-6"	9'-2"	55
S40	2	#6	4	9'-11 1/2"	30'-3"	91	S56A	2	#6	5	7'-2"	8'-10"	27
S41	2	#6	4	9'-9 1/2"	29'-11"	90	S57A	2	#6	5	7'-0"	8'-8"	26
S42	2	#6	4	9'-7 1/2"	29'-7"	89	S58A	2	#6	5	6'-10"	8'-6"	26
S43	2	#6	4	9'-5 1/2"	29'-3"	88							
S44	2	#6	4	9'-3 1/2"	28'-11"	87	S100	86	#5	6	5'-8"	18'-9"	1,682
S45	2	#6	4	9'-1 1/2"	28'-7"	86	S101	129	#5	5	5'-8"	6'-8"	897
S46	2	#6	4	8'-11 1/2"	28'-3"	85	S102	96	#5	6	6'-8"	20'-4"	2,036
S47	2	#6	4	8'-9 1/2"	27'-11"	84	S103	144	#5	5	6'-8"	7'-8"	1,151
S48	2	#6	4	8'-7 1/2"	27'-7"	83							
S49	2	#6	4	8'-5 1/2"	27'-3"	82	T1	60	#11	1	35'-6"	38'-8"	12,326
S50	2	#6	4	8'-3 1/2"	26'-11"	81	T2	71	#11	1	30'-0"	33'-2"	12,511
S51	2	#6	4	8'-1 1/2"	26'-7"	80	T3	24	#5	STR.	--	35'-6"	889
S52	2	#6	4	7'-11 1/2"	26'-3"	79	T4	24	#5	STR.	--	30'-0"	751
S53	2	#6	4	7'-9 1/2"	25'-11"	78	T5	34	#8	1	35'-6"	37'-4"	3,389
							T6	38	#8	1	30'-0"	31'-10"	3,230
							Δ T7	16	#6	3	3'-11"	4'-7"	110
							T8	262	#5	7	6'-8"	9'-8"	2,642

BAR TYPES



SUMMARY OF QUANTITIES - BENT 3

REINFORCING STEEL	LBS.	89,845
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	325.4
POUR #2 - COLUMN	C.Y.	71.6
POUR #3 - COLUMN	C.Y.	42.9
POUR #4 - CAP	C.Y.	109.2
TOTAL	C.Y.	549.1
HP14X73 PILES	NO.	40
	LF	1,600
PILE DRIVING EQUIPMENT SETUP FOR HP 14X73 STEEL PILES	EA.	40

NOTE
SEE SHEETS 1 AND 2 OF 6 FOR NOTES.

PROJECT NO. U-2579AB
FORSYTH COUNTY
 STATION: 58+33.94 -Y15FLYCA-
 SHEET 6 OF 6

Δ = ASTM A706 WELDABLE REINFORCING STEEL



Dominic A. Coletti 10/15/2021

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE BENT 3 BILL OF MATERIALS

REVISIONS						SHEET NO. 506-100	
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS 129	
1	--	--	3	--	--		
2	--	--	4	--	--		

PLOT DRIVER: NCDOT.pdf_color_eng-50dpi
 USER: PETERSON DATE: 10/14/2021
 PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 TIME: 5:21:42 PM
 FILE: ...SUBSTR

DES BY: P. STOEHR DATE: 11/19 DWG BY: B. PETERSON DATE: 12/19
 DES CHK: S. NIFONG DATE: 12/19 CHK BY: M. WERNER DATE: 01/20



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED