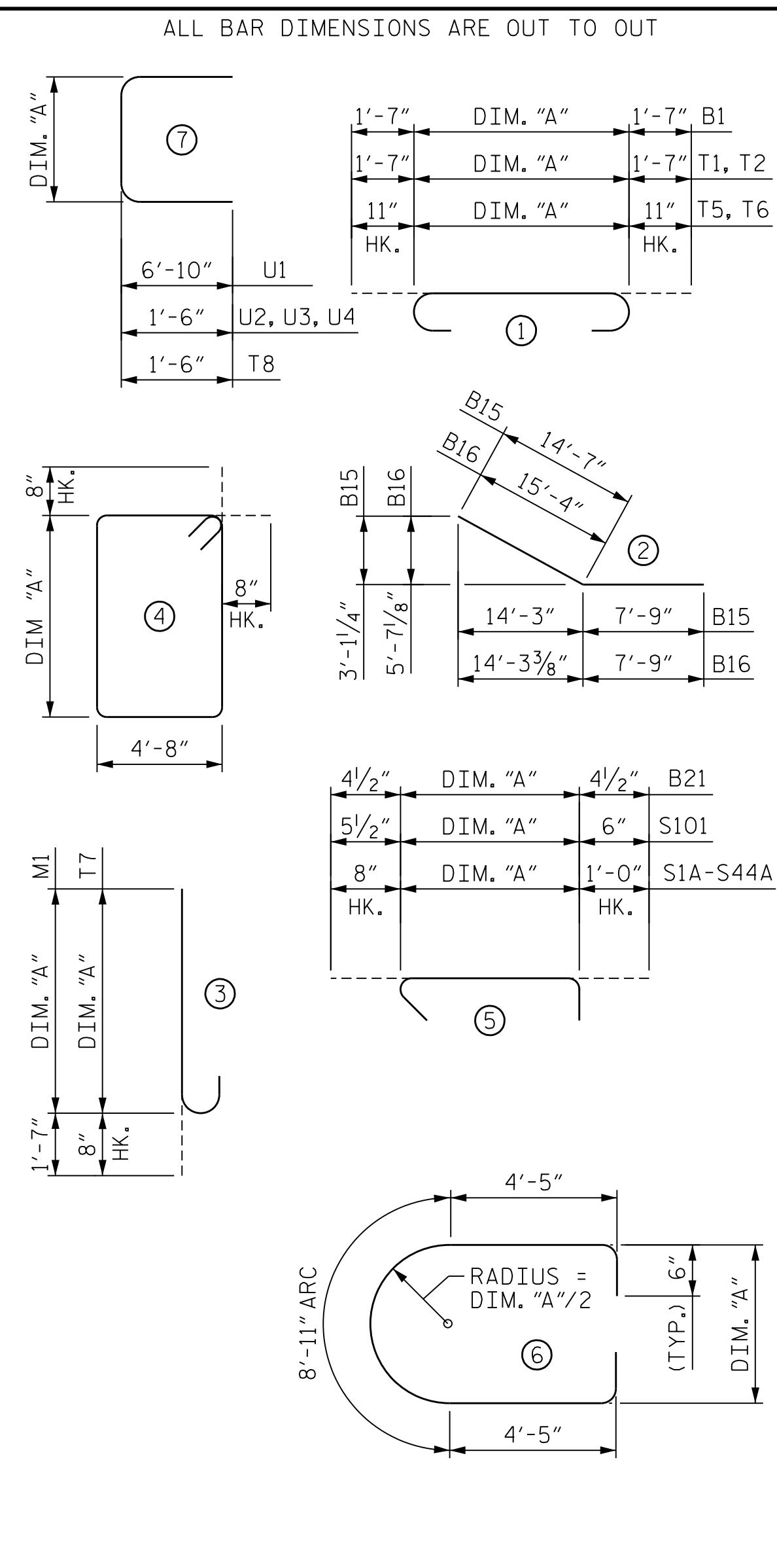


BILL OF MATERIAL - BENT 5

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	S16A	2	#6	5	9'-10"	11'-6"	35
B16	12	#8	2	--	23'-1"	740	S17A	2	#6	5	10'-0"	11'-8"	35
B20	11	#4	STR.	--	6'-8"	49	S19A	2	#6	5	10'-4"	12'-0"	36
B21	11	#4	5	6'-8"	7'-5"	54	S20A	2	#6	5	10'-7"	12'-3"	37
M1	60	#11	3	21'-4"	22'-11"	7,305	S21A	8	#6	5	10'-10"	12'-6"	150
S1	2	#6	4	6'-10"	24'-4"	73	S22A	8	#6	5	10'-11"	12'-7"	151
S2	2	#6	4	7'-0"	24'-8"	74	S23A	8	#6	5	11'-4"	13'-0"	156
S3	4	#6	4	7'-4 1/2"	25'-5"	153	S24A	8	#6	5	11'-6"	13'-2"	158
S4	2	#6	4	7'-7"	25'-10"	78	S25A	2	#6	5	11'-4"	13'-0"	39
S5	2	#6	4	7'-9"	26'-2"	79	S26A	2	#6	5	11'-1"	12'-9"	38
S6	2	#6	4	7'-11 1/2"	26'-7"	80	S27A	2	#6	5	10'-10"	12'-6"	38
S7	2	#6	4	8'-1 1/2"	26'-11"	81	S28A	2	#6	5	10'-8"	12'-4"	37
S8	2	#6	4	8'-3 1/2"	27'-3"	82	S29A	2	#6	5	10'-5"	12'-1"	36
S9	2	#6	4	8'-6"	27'-8"	83	S30A	2	#6	5	10'-2"	11'-10"	36
S10	2	#6	4	8'-8"	28'-0"	84	S31A	2	#6	5	9'-11"	11'-7"	35
S11	2	#6	4	8'-10 1/2"	28'-5"	85	S32A	2	#6	5	9'-9"	11'-5"	34
S12	2	#6	4	9'-0 1/2"	28'-9"	86	S33A	2	#6	5	9'-6"	11'-2"	34
S13	2	#6	4	9'-3"	29'-2"	88	S34A	2	#6	5	9'-4"	11'-0"	33
S14	2	#6	4	9'-5"	29'-6"	89	S35A	2	#6	5	9'-1"	10'-9"	32
S15	2	#6	4	9'-7 1/2"	29'-11"	90	S36A	2	#6	5	8'-10"	10'-6"	32
S16	2	#6	4	9'-9 1/2"	30'-3"	91	S37A	2	#6	5	8'-8"	10'-4"	31
S17	2	#6	4	10'-0"	30'-8"	92	S38A	2	#6	5	8'-5"	10'-1"	30
S18	2	#6	4	10'-2"	31'-0"	93	S39A	2	#6	5	8'-2"	9'-10"	30
S19	2	#6	4	10'-4"	31'-4"	94	S40A	2	#6	5	8'-0"	9'-8"	29
S20	2	#6	4	10'-6 1/2"	31'-9"	95	S41A	2	#6	5	7'-9"	9'-5"	28
S21	8	#6	4	10'-9 1/2"	32'-3"	388	S42A	4	#6	5	7'-6"	9'-2"	55
S22	8	#6	4	10'-11"	32'-6"	391	S43A	2	#6	5	7'-1"	8'-9"	26
S23	8	#6	4	11'-4"	33'-4"	401	S44A	2	#6	5	6'-10"	8'-6"	26
S24	8	#6	4	11'-5 1/2"	33'-7"	404	S100	40	#5	6	5'-8"	18'-9"	782
S25	2	#6	4	11'-3 1/2"	33'-3"	100	S101	60	#5	5	5'-8"	6'-8"	417
S26	2	#6	4	11'-0 1/2"	32'-9"	98							
S27	2	#6	4	10'-10"	32'-4"	97	T1	45	#11	1	27'-6"	30'-8"	7,332
S28	2	#6	4	10'-7 1/2"	31'-11"	96	T2	55	#11	1	22'-6"	25'-8"	7,500
S29	2	#6	4	10'-5"	31'-6"	95	T3	20	#5	STR.	--	27'-6"	574
S30	2	#6	4	10'-2"	31'-0"	93	T4	20	#5	STR.	--	22'-6"	469
S31	2	#6	4	9'-11 1/2"	30'-7"	92	T5	24	#8	1	27'-6"	29'-4"	1,880
S32	2	#6	4	9'-9"	30'-2"	91	T6	30	#8	1	22'-6"	24'-4"	1,949
S33	2	#6	4	9'-6"	29'-8"	89	Δ T7	16	#6	3	3'-11"	4'-7"	110
S34	2	#6	4	9'-3 1/2"	29'-3"	88							
S35	2	#6	4	9'-1"	28'-10"	87	T8	200	#5	7	5'-8"	8'-8"	1,808
S36	2	#6	4	8'-10"	28'-4"	85							
S37	2	#6	4	8'-7 1/2"	27'-11"	84	U1	20	#6	7	6'-8"	20'-4"	611
S38	2	#6	4	8'-5"	27'-6"	83	U2	36	#6	7	6'-6 1/2"	9'-7"	518
S39	2	#6	4	8'-2"	27'-0"	81	U3	36	#4	7	6'-8"	9'-8"	232
S40	2	#6	4	7'-11 1/2"	26'-7"	80	U4	48	#4	7	3'-8"	6'-8"	214
S41	2	#6	4	7'-9"	26'-2"	79							
S42	4	#6	4	7'-6"	25'-8"	154							
S43	2	#6	4	7'-1"	24'-10"	75							
S44	2	#6	4	6'-10"	24'-4"	73							

BAR TYPES



SUMMARY OF QUANTITIES - BENT 5

REINFORCING STEEL	LBS.	50,041
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	167.0
POUR #2 - COLUMN	C.Y.	23.9
POUR #3 - CAP	C.Y.	109.0
TOTAL	C.Y.	299.9
HP14X73 PILES	NO.	28
	LF	1,120
PILE DRIVING EQUIPMENT SETUP FOR HP 14X73 STEEL PILES	EA.	28

Δ = ASTM A706 WELDABLE REINFORCING STEEL

NOTE

SEE SHEET 1 OF 5 FOR NOTES.

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

SHEET 5 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 BENT 5
 BILL OF MATERIALS



Dominic A. Coletti 10/15/2021

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO. 506-111
 TOTAL SHEETS 129



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT... PENTABLE: NCDOT... USER: PPETERSO... DATE: 10/14/2021... TIME: 5:23:33 PM... FILE: ...SUBSTR

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