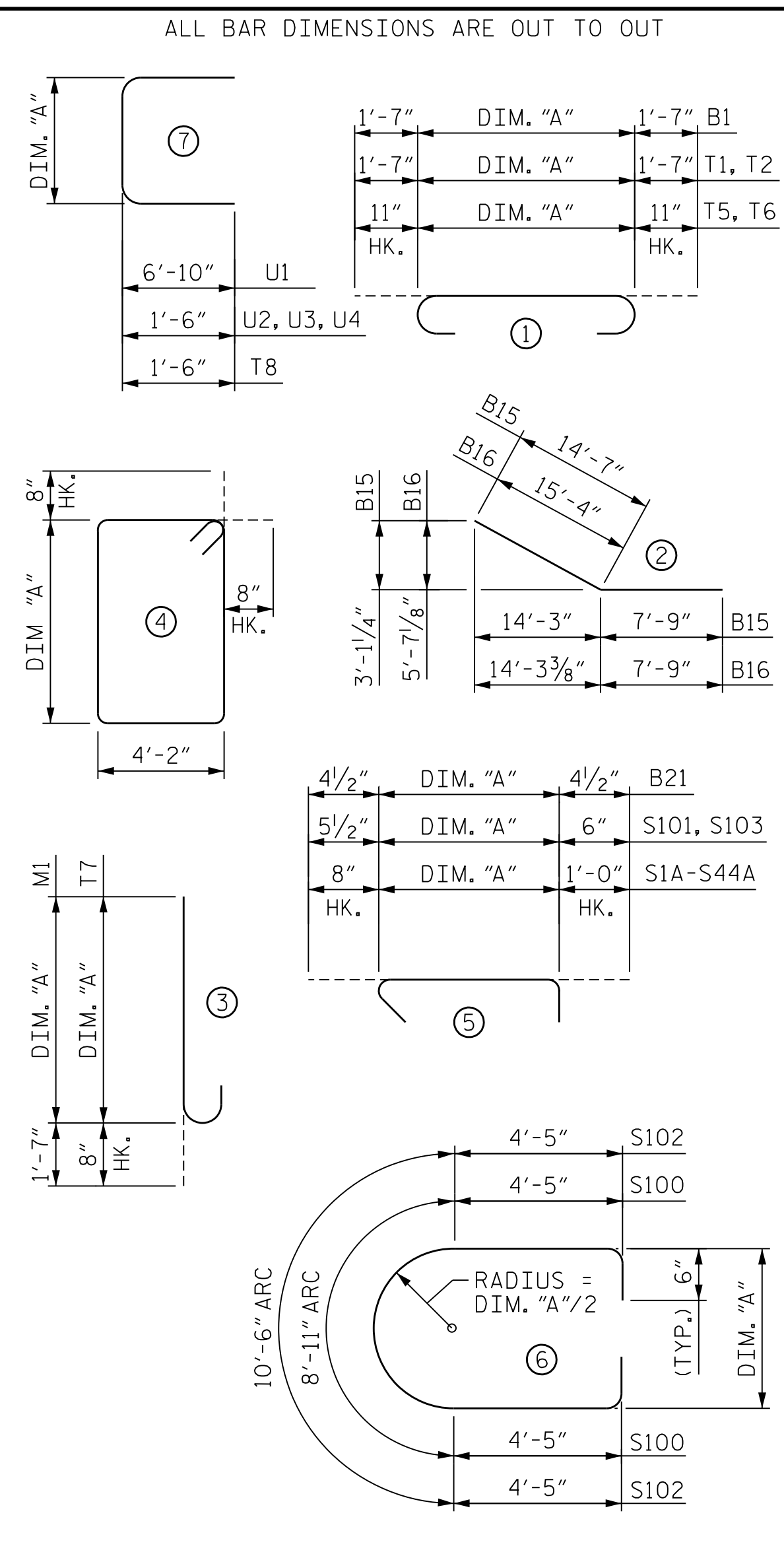


BILL OF MATERIAL - BENT 2

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
							S18A	2	#6	5	10'-2"	11'-10"	36
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
							S21A	8	#6	5	10'-10"	12'-6"	150
							S22A	8	#6	5	10'-11"	12'-7"	151
M1	76	#11	3	13'-0"	14'-7"	5,889	S23A	8	#6	5	11'-4"	13'-0"	156
							S24A	8	#6	5	11'-6"	13'-2"	158
							S25A	2	#6	5	11'-4"	13'-0"	39
							S26A	2	#6	5	11'-1"	12'-9"	38
S1	2	#6	4	6'-10"	23'-4"	70	S27A	2	#6	5	10'-10"	12'-6"	38
S2	2	#6	4	7'-0"	23'-8"	71	S28A	2	#6	5	10'-8"	12'-4"	37
S3	4	#6	4	7'-4 1/2"	24'-5"	147	S29A	2	#6	5	10'-5"	12'-1"	36
S4	2	#6	4	7'-7"	24'-10"	75	S30A	2	#6	5	10'-2"	11'-10"	36
S5	2	#6	4	7'-9"	25'-2"	76	S31A	2	#6	5	9'-11"	11'-7"	35
S6	2	#6	4	7'-11 1/2"	25'-7"	77	S32A	2	#6	5	9'-9"	11'-5"	34
S7	2	#6	4	8'-1 1/2"	25'-11"	78	S33A	2	#6	5	9'-6"	11'-2"	34
S8	2	#6	4	8'-3 1/2"	26'-3"	79	S34A	2	#6	5	9'-4"	11'-0"	33
S9	2	#6	4	8'-6"	26'-8"	80	S35A	2	#6	5	9'-1"	10'-9"	32
S10	2	#6	4	8'-8"	27'-0"	81	S36A	2	#6	5	8'-10"	10'-6"	32
S11	2	#6	4	8'-10 1/2"	27'-5"	82	S37A	2	#6	5	8'-8"	10'-4"	31
S12	2	#6	4	9'-0 1/2"	27'-9"	83	S38A	2	#6	5	8'-5"	10'-1"	30
S13	2	#6	4	9'-3"	28'-2"	85	S39A	2	#6	5	8'-2"	9'-10"	30
S14	2	#6	4	9'-5"	28'-6"	86	S40A	2	#6	5	8'-0"	9'-8"	29
S15	2	#6	4	9'-7 1/2"	28'-11"	87	S41A	2	#6	5	7'-9"	9'-5"	28
S16	2	#6	4	9'-9 1/2"	29'-3"	88	S42A	4	#6	5	7'-6"	9'-2"	55
S17	2	#6	4	10'-0"	29'-8"	89	S43A	2	#6	5	7'-1"	8'-9"	26
S18	2	#6	4	10'-2"	30'-0"	90	S44A	2	#6	5	6'-10"	8'-6"	26
S19	2	#6	4	10'-4"	30'-4"	91							
S20	2	#6	4	10'-6 1/2"	30'-9"	92	S100	86	#5	6	5'-8"	18'-9"	1,682
S21	8	#6	4	10'-9 1/2"	31'-3"	375	S101	129	#5	5	5'-8"	6'-8"	897
S22	8	#6	4	10'-11"	31'-6"	379	S102	174	#5	6	6'-8"	20'-4"	3,690
S23	8	#6	4	11'-4"	32'-4"	389	S103	261	#5	5	6'-8"	7'-8"	2,087
S24	8	#6	4	11'-5 1/2"	32'-7"	392							
S25	2	#6	4	11'-3 1/2"	32'-3"	97	T1	42	#11	1	32'-6"	35'-8"	7,959
S26	2	#6	4	11'-0 1/2"	31'-9"	95	T2	49	#11	1	27'-6"	30'-8"	7,984
S27	2	#6	4	10'-10"	31'-4"	94	T3	20	#5	STR.	--	32'-6"	678
S28	2	#6	4	10'-7 1/2"	30'-11"	93	T4	20	#5	STR.	--	27'-6"	574
S29	2	#6	4	10'-5"	30'-6"	92	T5	30	#8	1	32'-6"	34'-4"	2,750
S30	2	#6	4	10'-2"	30'-0"	90	T6	36	#8	1	27'-6"	29'-4"	2,820
S31	2	#6	4	9'-11 1/2"	29'-7"	89	Δ T7	32	#6	3	3'-11"	4'-7"	220
S32	2	#6	4	9'-9"	29'-2"	88	T8	240	#5	7	5'-8"	8'-8"	2,169
S33	2	#6	4	9'-6"	28'-8"	86							
S34	2	#6	4	9'-3 1/2"	28'-3"	85	U1	20	#6	7	6'-8"	20'-4"	611
S35	2	#6	4	9'-1"	27'-10"	84	U2	36	#6	7	6'-6 1/2"	9'-7"	518
S36	2	#6	4	8'-10"	27'-4"	82	U3	36	#4	7	6'-8"	9'-8"	232
S37	2	#6	4	8'-7 1/2"	26'-11"	81	U4	48	#4	7	3'-8"	6'-8"	214
S38	2	#6	4	8'-5"	26'-6"	80							
S39	2	#6	4	8'-2"	26'-0"	78	V1	76	#11	STR.	--	43'-4"	17,497
S40	2	#6	4	7'-11 1/2"	25'-7"	77	V2	60	#11	STR.	--	30'-4"	9,670
S41	2	#6	4	7'-9"	25'-2"	76							
S42	4	#6	4	7'-6"	24'-8"	148							
S43	2	#6	4	7'-1"	23'-10"	72							
S44	2	#6	4	6'-10"	23'-4"	70							

BAR TYPES



SUMMARY OF QUANTITIES - BENT 2

REINFORCING STEEL	LBS.	86,306
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	239.6
POUR #2 - COLUMN	C.Y.	129.7
POUR #3 - COLUMN	C.Y.	42.9
POUR #4 - CAP	C.Y.	109.0
TOTAL	C.Y.	521.2
HP 14x73 STEEL PILES	NO.	40
	LF	2,100
PILE DRIVING EQUIPMENT SETUP FOR HP 14X73 STEEL PILES	EA.	40

Δ = ASTM A706 WELDABLE REINFORCING STEEL

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

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 BENT 2
 BILL OF MATERIALS



10/11/2021

REVISIONS

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

SHEET NO.
S05-085
TOTAL SHEETS
116



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 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT.pdf_color_eng-50.ppt
 USER: PPETERSO DATE: 10/17/2021
 PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 TIME: 8:27:05 AM
 FILE: ...SUBSTR

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