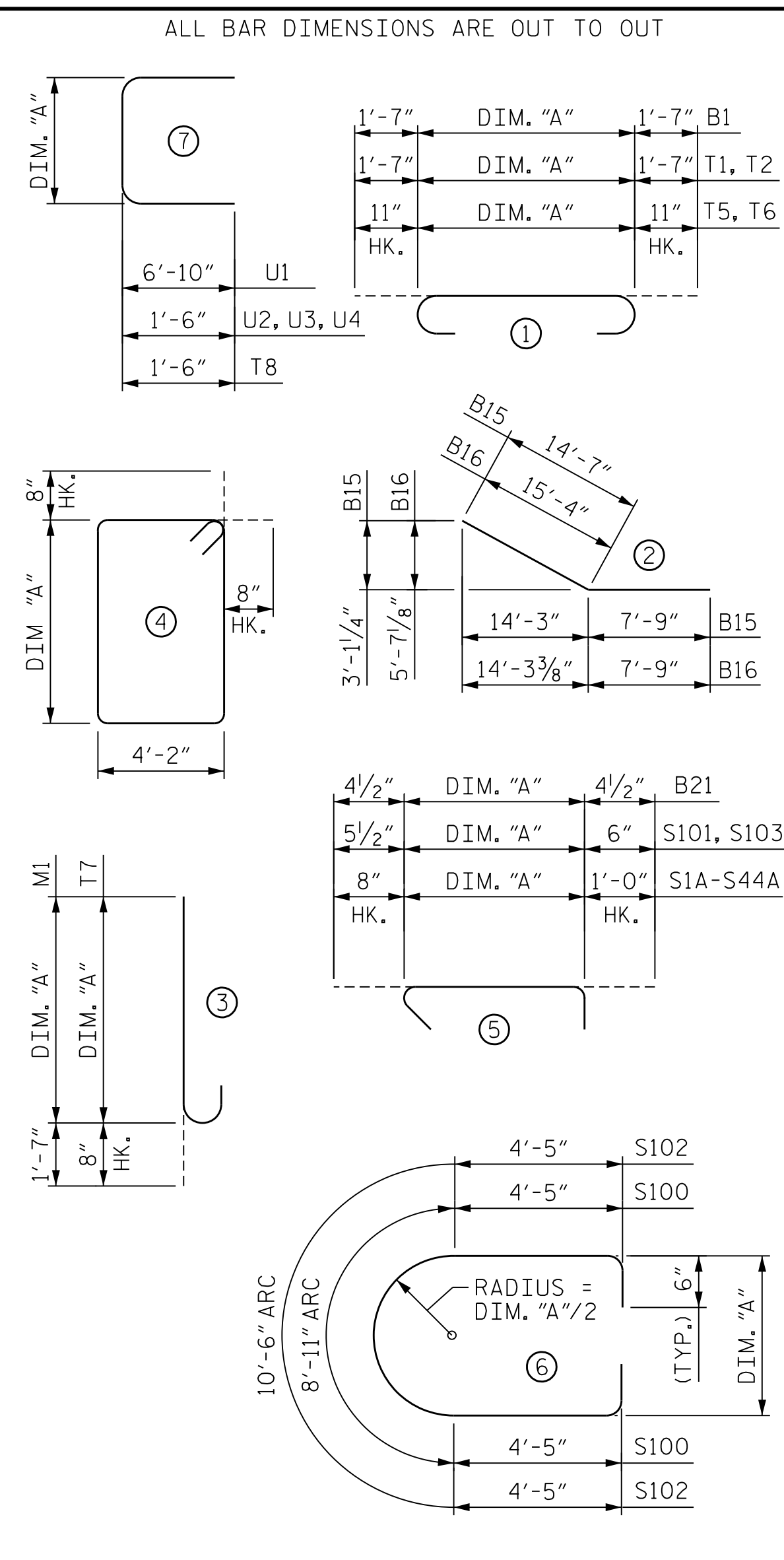


### BILL OF MATERIAL - BENT 2

BAR	NO.	SIZE	TYPE	DIM. "A"	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	DIM. "A"	LENGTH	WEIGHT
B1	12	#11	1	41'-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'-3"	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
B17A							S17A	2	#6	5	10'-0"	11'-8"	35
B18A							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
M1	76	#11	3	13'-0"	14'-7"	5,889	S21A	8	#6	5	10'-10"	12'-6"	150
S1	2	#6	4	6'-10"	23'-4"	70	S22A	8	#6	5	10'-11"	12'-7"	151
S2	2	#6	4	7'-0"	23'-8"	71	S23A	8	#6	5	11'-4"	13'-0"	156
S3	4	#6	4	7'-4 1/2"	24'-5"	147	S24A	8	#6	5	11'-6"	13'-2"	158
S4	2	#6	4	7'-7"	24'-10"	75	S25A	2	#6	5	11'-4"	13'-0"	39
S5	2	#6	4	7'-9"	25'-2"	76	S26A	2	#6	5	11'-1"	12'-9"	38
S6	2	#6	4	7'-11 1/2"	25'-7"	77	S27A	2	#6	5	10'-10"	12'-6"	38
S7	2	#6	4	8'-1 1/2"	25'-11"	78	S28A	2	#6	5	10'-8"	12'-4"	37
S8	2	#6	4	8'-3 1/2"	26'-3"	79	S29A	2	#6	5	10'-5"	12'-1"	36
S9	2	#6	4	8'-6"	26'-8"	80	S30A	2	#6	5	10'-2"	11'-10"	36
S10	2	#6	4	8'-8"	27'-0"	81	S31A	2	#6	5	9'-11"	11'-7"	35
S11	2	#6	4	8'-10 1/2"	27'-5"	82	S32A	2	#6	5	9'-9"	11'-5"	34
S12	2	#6	4	9'-0 1/2"	27'-9"	83	S33A	2	#6	5	9'-6"	11'-2"	34
S13	2	#6	4	9'-3"	28'-2"	85	S34A	2	#6	5	9'-4"	11'-0"	33
S14	2	#6	4	9'-5"	28'-6"	86	S35A	2	#6	5	9'-1"	10'-9"	32
S15	2	#6	4	9'-7 1/2"	28'-11"	87	S36A	2	#6	5	8'-10"	10'-6"	32
S16	2	#6	4	9'-9 1/2"	29'-3"	88	S37A	2	#6	5	8'-8"	10'-4"	31
S17	2	#6	4	10'-0"	29'-8"	89	S38A	2	#6	5	8'-5"	10'-1"	30
S18	2	#6	4	10'-2"	30'-0"	90	S39A	2	#6	5	8'-2"	9'-10"	30
S19	2	#6	4	10'-4"	30'-4"	91	S40A	2	#6	5	8'-0"	9'-8"	29
S20	2	#6	4	10'-6 1/2"	30'-9"	92	S41A	2	#6	5	7'-9"	9'-5"	28
S21	8	#6	4	10'-9 1/2"	31'-3"	376	S42A	4	#6	5	7'-6"	9'-2"	55
S22	8	#6	4	10'-11"	31'-6"	379	S43A	2	#6	5	7'-1"	8'-9"	26
S23	8	#6	4	11'-4"	32'-4"	389	S44A	2	#6	5	6'-10"	8'-6"	26
S24	8	#6	4	11'-5 1/2"	32'-7"	392	S100	86	#5	6	5'-8"	18'-9"	1,682
S25	2	#6	4	11'-3 1/2"	32'-3"	97	S101	129	#5	5	5'-8"	6'-8"	897
S26	2	#6	4	11'-0 1/2"	31'-9"	95	S102	98	#5	6	6'-8"	20'-4"	2,078
S27	2	#6	4	10'-10"	31'-4"	94	S103	147	#5	5	6'-8"	7'-8"	1,175
S28	2	#6	4	10'-7 1/2"	30'-11"	93	T1	55	#11	1	34'-0"	37'-2"	10,861
S29	2	#6	4	10'-5"	30'-6"	92	T2	68	#11	1	27'-6"	30'-8"	11,079
S30	2	#6	4	10'-2"	30'-0"	90	T3	20	#5	STR.	--	34'-0"	709
S31	2	#6	4	9'-11 1/2"	29'-7"	89	T4	20	#5	STR.	--	27'-6"	574
S32	2	#6	4	9'-9"	29'-2"	88	T5	30	#8	1	34'-0"	35'-10"	2,870
S33	2	#6	4	9'-6"	28'-8"	86	T6	38	#8	1	27'-6"	29'-4"	2,976
S34	2	#6	4	9'-3 1/2"	28'-3"	85	Δ T7	32	#6	3	3'-11"	4'-7"	220
S35	2	#6	4	9'-1"	27'-10"	84	T8	246	#5	7	5'-8"	8'-8"	2,224
S36	2	#6	4	8'-10"	27'-4"	82	U1	20	#6	7	6'-8"	20'-4"	611
S37	2	#6	4	8'-7 1/2"	26'-11"	81	U2	36	#6	7	6'-6 1/2"	9'-7"	518
S38	2	#6	4	8'-5"	26'-6"	80	U3	36	#4	7	6'-8"	9'-8"	232
S39	2	#6	4	8'-2"	26'-0"	78	U4	48	#4	7	3'-8"	6'-8"	214
S40	2	#6	4	7'-11 1/2"	25'-7"	77	V1	76	#11	STR.	--	24'-4"	9,826
S41	2	#6	4	7'-9"	25'-2"	76	V2	60	#11	STR.	--	30'-4"	9,670
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.	82,471
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	250.5
POUR #2 - COLUMN	C.Y.	73.1
POUR #3 - COLUMN	C.Y.	42.9
POUR #4 - CAP	C.Y.	109.0
TOTAL	C.Y.	475.5
HP 14x73 STEEL PILES	NO.	40
	LF.	2,000
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: 58+33.94 -Y15FLYCA-  
 SHEET 6 OF 6



Dominic A. Coletti 10/15/2021

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE BENT 2 BILL OF MATERIALS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--
SHEET NO. 506-094 TOTAL SHEETS 129					



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UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT\_pdf\_color\_eng-50.ppt  
 USER: PPETERSO DATE: 10/14/2021  
 TIME: 5:20:41 PM  
 FILE: ...SUBSTR

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