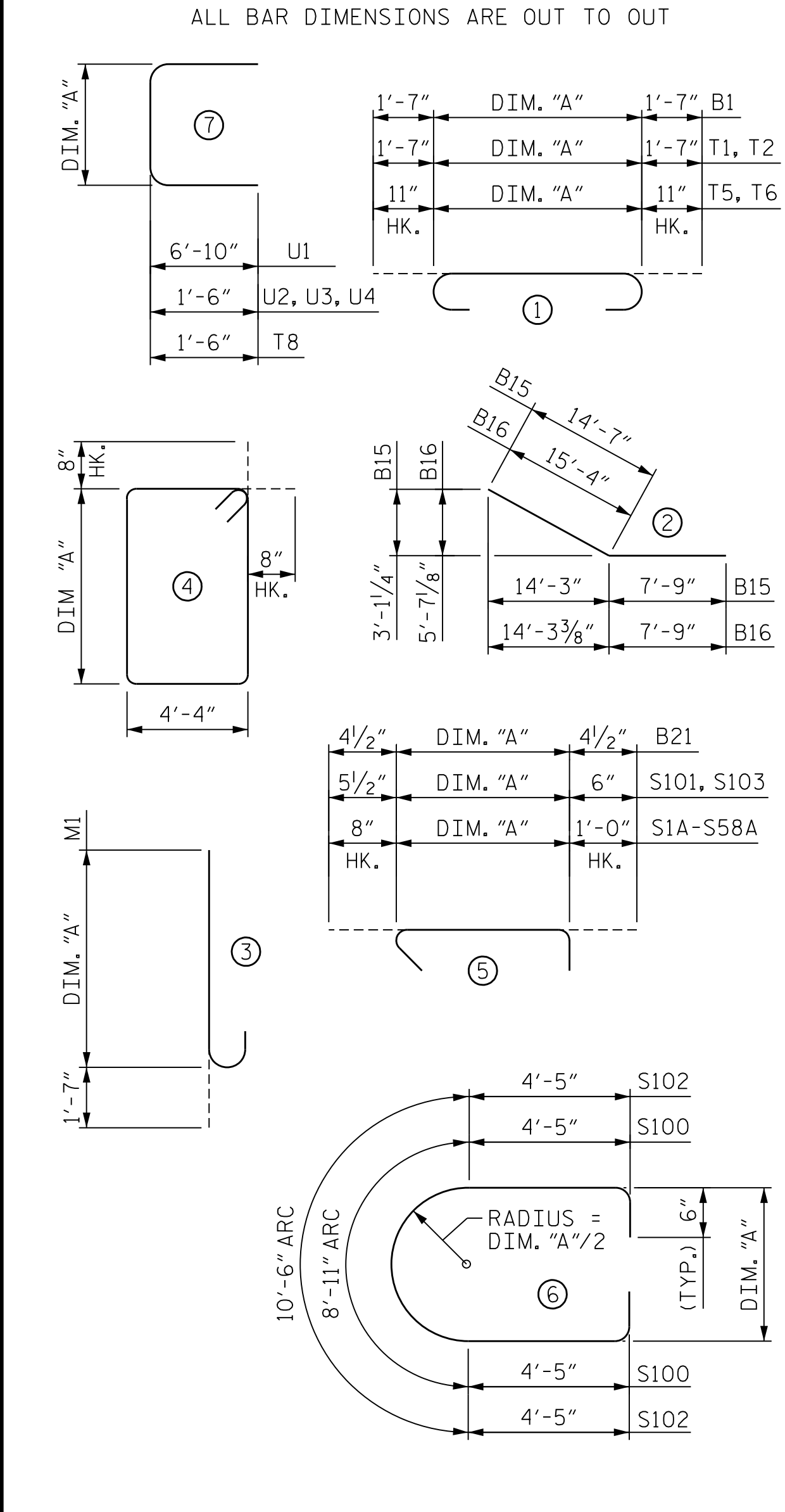


### BILL OF MATERIAL - BENT 6

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	S57	2	#6	4	6'-11 1/2"	23'-11"	72
B2	18	#11	STR.	--	40'-10"	3,905	S58	2	#6	4	6'-9 1/2"	23'-7"	71
B3	22	#8	STR.	--	41'-8"	2,448							
B4	2	#8	STR.	--	37'-6"	200	S1A	2	#6	5	6'-10"	8'-6"	26
B5	2	#8	STR.	--	35'-2"	188	S2A	2	#6	5	6'-11"	8'-7"	26
B6	2	#8	STR.	--	32'-11"	176	S3A	2	#6	5	7'-1"	8'-9"	26
B7	2	#8	STR.	--	30'-8"	164	S4A	4	#6	5	7'-4"	9'-0"	54
B8	2	#8	STR.	--	28'-5"	152	S5A	2	#6	5	7'-6"	9'-2"	28
B9	2	#8	STR.	--	26'-2"	140	S6A	2	#6	5	7'-8"	9'-4"	28
B10	2	#8	STR.	--	23'-11"	128	S7A	2	#6	5	7'-9"	9'-5"	28
B11	2	#8	STR.	--	21'-7"	115	S8A	2	#6	5	7'-11"	9'-7"	29
B12	2	#8	STR.	--	19'-4"	103	S9A	2	#6	5	8'-1"	9'-9"	29
B13	2	#8	STR.	--	17'-0"	91	S10A	2	#6	5	8'-2"	9'-10"	30
B14	2	#8	STR.	--	14'-7"	78	S11A	2	#6	5	8'-4"	10'-0"	30
B15	12	#8	2	--	22'-4"	716	S12A	2	#6	5	8'-5"	10'-1"	30
B16	12	#8	2	--	23'-1"	740	S13A	2	#6	5	8'-7"	10'-3"	31
							S14A	2	#6	5	8'-8"	10'-4"	31
							S15A	2	#6	5	8'-11"	10'-7"	32
B20	22	#4	STR.	--	6'-8"	98	S16A	2	#6	5	9'-0"	10'-8"	32
B21	11	#4	5	6'-8"	7'-5"	54	S17A	2	#6	5	9'-2"	10'-10"	33
							S18A	2	#6	5	9'-4"	11'-0"	33
M1	76	#11	3	13'-0"	14'-7"	5,889	S19A	2	#6	5	9'-5"	11'-1"	33
							S20A	2	#6	5	9'-7"	11'-3"	34
S1	2	#6	4	6'-9 1/2"	23'-7"	71	S21A	2	#6	5	9'-8"	11'-4"	34
S2	2	#6	4	6'-11"	23'-10"	72	S22A	2	#6	5	9'-10"	11'-6"	35
S3	2	#6	4	7'-0 1/2"	24'-1"	72	S23A	2	#6	5	10'-0"	11'-8"	35
S4	4	#6	4	7'-4"	24'-8"	148	S24A	2	#6	5	10'-2"	11'-10"	36
S5	2	#6	4	7'-5 1/2"	24'-11"	75	S25A	2	#6	5	10'-3"	11'-11"	36
S6	2	#6	4	7'-7 1/2"	25'-3"	76	S26A	2	#6	5	10'-5"	12'-1"	36
S7	2	#6	4	7'-9"	25'-6"	77	S27A	2	#6	5	10'-7"	12'-3"	37
S8	2	#6	4	7'-10 1/2"	25'-9"	77	S28A	8	#6	5	10'-10"	12'-6"	150
S9	2	#6	4	8'-0 1/2"	26'-1"	78	S29A	8	#6	5	10'-11"	12'-7"	151
S10	2	#6	4	8'-2"	26'-4"	79	S30A	8	#6	5	11'-4"	13'-0"	156
S11	2	#6	4	8'-3 1/2"	26'-7"	80	S31A	8	#6	5	11'-6"	13'-2"	158
S12	2	#6	4	8'-5 1/2"	26'-11"	81	S32A	2	#6	5	11'-4"	13'-0"	39
S13	2	#6	4	8'-7"	27'-2"	82	S33A	2	#6	5	11'-2"	12'-10"	39
S14	2	#6	4	8'-8 1/2"	27'-5"	82	S34A	2	#6	5	11'-0"	12'-8"	38
S15	2	#6	4	8'-10 1/2"	27'-9"	83	S35A	2	#6	5	10'-10"	12'-6"	38
S16	2	#6	4	9'-0"	28'-0"	84	S36A	2	#6	5	10'-8"	12'-4"	37
S17	2	#6	4	9'-2"	28'-4"	85	S37A	2	#6	5	10'-5"	12'-1"	36
S18	2	#6	4	9'-3 1/2"	28'-7"	86	S38A	2	#6	5	10'-4"	12'-0"	36
S19	2	#6	4	9'-5"	28'-10"	87	S39A	2	#6	5	10'-2"	11'-10"	36
S20	2	#6	4	9'-7"	29'-2"	88	S40A	2	#6	5	9'-11"	11'-7"	35
S21	2	#6	4	9'-8 1/2"	29'-5"	88	S41A	2	#6	5	9'-10"	11'-6"	35
S22	2	#6	4	9'-10"	29'-8"	89	S42A	2	#6	5	9'-8"	11'-4"	34
S23	2	#6	4	10'-0"	30'-0"	90	S43A	2	#6	5	9'-5"	11'-1"	33
S24	2	#6	4	10'-1 1/2"	30'-3"	91	S44A	2	#6	5	9'-4"	11'-0"	33
S25	2	#6	4	10'-3"	30'-6"	92	S45A	2	#6	5	9'-2"	10'-10"	33
S26	2	#6	4	10'-5"	30'-10"	93	S46A	2	#6	5	8'-11"	10'-7"	32
S27	2	#6	4	10'-6 1/2"	31'-1"	93	S47A	2	#6	5	8'-10"	10'-6"	32
S28	8	#6	4	10'-9 1/2"	31'-7"	380	S48A	2	#6	5	8'-8"	10'-4"	31
S29	8	#6	4	10'-11"	31'-10"	383	S49A	2	#6	5	8'-5"	10'-1"	30
S30	8	#6	4	11'-4"	32'-8"	393	S50A	2	#6	5	8'-4"	10'-0"	30
S31	8	#6	4	11'-5 1/2"	32'-11"	396	S51A	2	#6	5	8'-2"	9'-10"	30
S32	2	#6	4	11'-3 1/2"	32'-7"	98	S52A	2	#6	5	8'-0"	9'-8"	29
S33	2	#6	4	11'-1 1/2"	32'-3"	97	S53A	2	#6	5	7'-10"	9'-6"	29
S34	2	#6	4	10'-11 1/2"	31'-11"	96	S54A	2	#6	5	7'-8"	9'-4"	28
S35	2	#6	4	10'-9 1/2"	31'-7"	95	S55A	4	#6	5	7'-6"	9'-2"	55
S36	2	#6	4	10'-7 1/2"	31'-3"	94	S56A	2	#6	5	7'-2"	8'-10"	27
S37	2	#6	4	10'-5 1/2"	30'-11"	93	S57A	2	#6	5	7'-0"	8'-8"	26
S38	2	#6	4	10'-3 1/2"	30'-7"	92	S58A	2	#6	5	6'-10"	8'-6"	26
S39	2	#6	4	10'-1 1/2"	30'-3"	91							
S40	2	#6	4	9'-11 1/2"	29'-11"	90							
S41	2	#6	4	9'-9 1/2"	29'-7"	89	S100	86	#5	6	5'-8"	18'-9"	1,682
S42	2	#6	4	9'-7 1/2"	29'-3"	88	S101	129	#5	5	5'-8"	6'-8"	897
S43	2	#6	4	9'-5 1/2"	28'-11"	87	S102	146	#5	6	6'-8"	20'-4"	3,096
S44	2	#6	4	9'-3 1/2"	28'-7"	86	S103	219	#5	5	6'-8"	7'-8"	1,751
S45	2	#6	4	9'-1 1/2"	28'-3"	85							
S46	2	#6	4	8'-11 1/2"	27'-11"	84	T1	55	#11	1	32'-6"	35'-8"	10,422
S47	2	#6	4	8'-9 1/2"	27'-7"	83	T2	65	#11	1	27'-6"	30'-8"	10,591
S48	2	#6	4	8'-7 1/2"	27'-3"	82	T3	20	#5	STR.	--	32'-6"	678
S49	2	#6	4	8'-5 1/2"	26'-11"	81	T4	20	#5	STR.	--	27'-6"	574
S50	2	#6	4	8'-3 1/2"	26'-7"	80	T5	30	#8	1	32'-6"	34'-4"	2,750
S51	2	#6	4	8'-1 1/2"	26'-3"	79	T6	36	#8	1	27'-6"	29'-4"	2,820
S52	2	#6	4	7'-11 1/2"	25'-11"	78							
S53	2	#6	4	7'-9 1/2"	25'-7"	77	T8	240	#5	7	5'-8"	8'-8"	2,169
S54	2	#6	4	7'-7 1/2"	25'-3"	76							
S55	4	#6	4	7'-5 1/2"	24'-11"	150							
S56	2	#6	4	7'-1 1/2"	24'-3"	73							

### BAR TYPES



### SUMMARY OF QUANTITIES - BENT 6

REINFORCING STEEL	LBS.	90,191
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	239.6
POUR #2 - COLUMN	C.Y.	108.9
POUR #3 - COLUMN	C.Y.	42.9
POUR #4 - CAP	C.Y.	109.0
TOTAL	C.Y.	500.4
HP 14x73 STEEL PILES	NO.	40
	LF	2,200
PILE DRIVING EQUIPMENT SETUP FOR HP 14X73 STEEL PILES	EA.	40

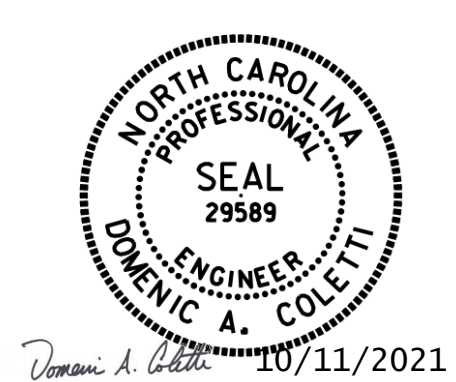
**NOTE**  
SEE SHEET 1 OF 6 FOR NOTES.

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

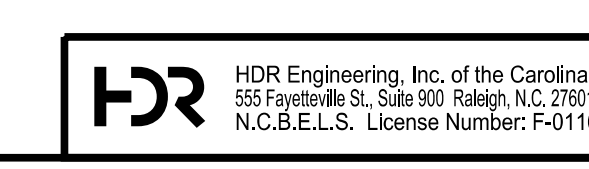
SHEET 6 OF 6

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE  
 BENT 6  
 BILL OF MATERIALS**



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



10/11/2021  
 DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT.pdf\_color\_eng-50.ppt  
 USER: PETERSON DATE: 10/11/2021  
 FILE: ...SUBSTR  
 PENTABLE: NCDOT\_STRUCTURES\_DEFAULT\_PEN.tbl  
 TIME: 8:30:32 AM

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