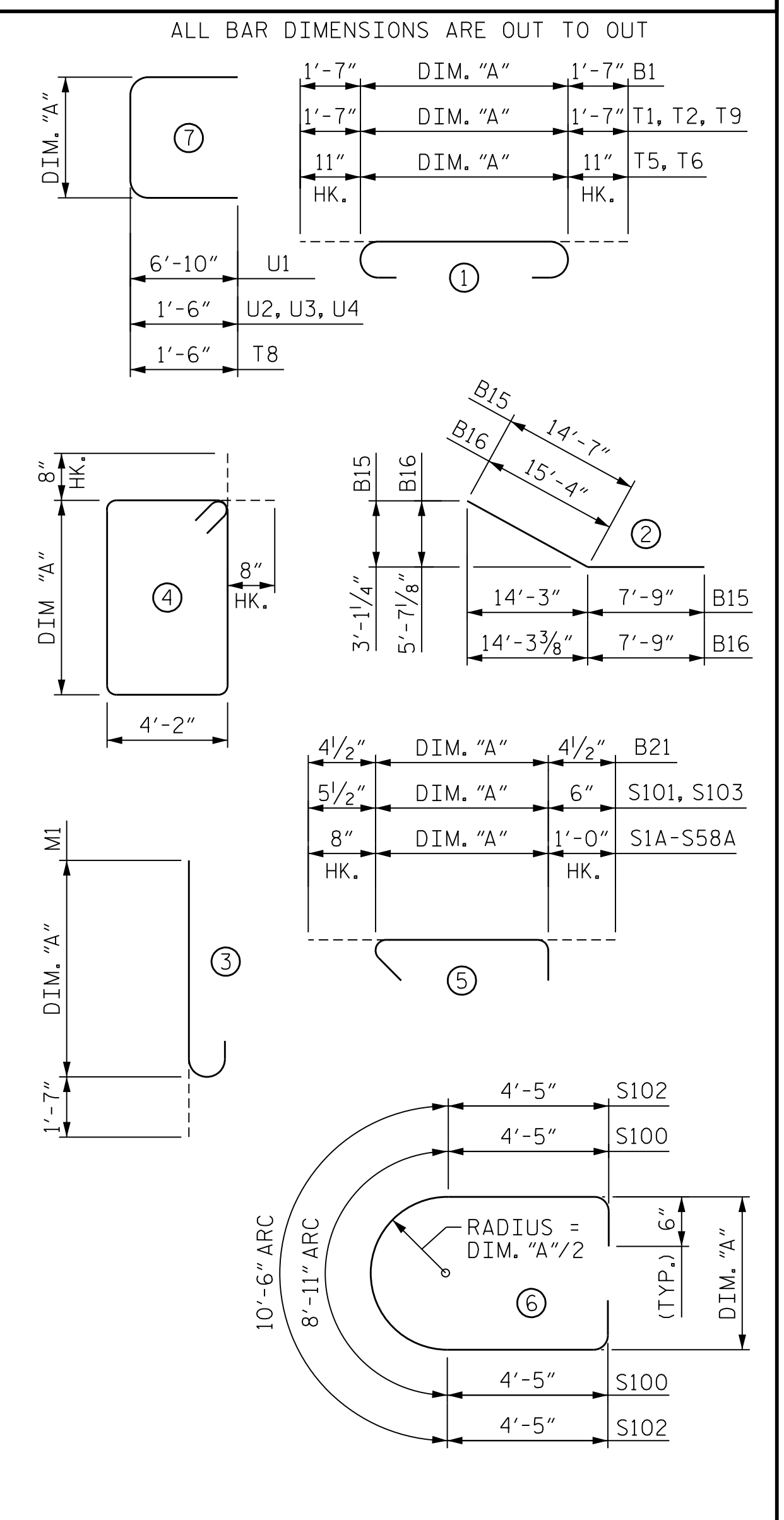


### BILL OF MATERIAL - BENT 5

BAR	NO.	SIZE	TYPE	DIM. "A"	LENGTH	WEIGHT	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"	24'-11"	75	T5	36	#8	1	35'-9"	37'-7"	3,613
B2	18	#11	STR.	--	40'-10"	3,905	S55	4	#6	4	7'-5 1/2"	24'-7"	148	T6	40	#8	1	32'-6"	34'-4"	3,667
B3	22	#8	STR.	--	41'-8"	2,448	S56	2	#6	4	7'-1 1/2"	23'-11"	72	T8	274	#5	7	6'-5"	9'-5"	2,691
B4	2	#8	STR.	--	37'-6"	200	S57	2	#6	4	6'-11 1/2"	23'-7"	71	T9	2	#11	1	31'-10"	35'-0"	372
B5	2	#8	STR.	--	35'-2"	188	S58	2	#6	4	6'-9 1/2"	23'-3"	70							
B6	2	#8	STR.	--	32'-11"	176								U1	20	#6	7	6'-8"	20'-4"	611
B7	2	#8	STR.	--	30'-8"	164	S1A	2	#6	5	6'-10"	8'-6"	26	U2	36	#6	7	6'-6 1/2"	9'-7"	518
B8	2	#8	STR.	--	28'-5"	152	S2A	2	#6	5	6'-11"	8'-7"	26	U3	36	#4	7	6'-8"	9'-8"	232
B9	2	#8	STR.	--	26'-2"	140	S3A	2	#6	5	7'-1"	8'-9"	26	U4	48	#4	7	3'-8"	6'-8"	214
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	V1	76	#11	STR.	--	47'-7"	19,214
B12	2	#8	STR.	--	19'-4"	103	S6A	2	#6	5	7'-8"	9'-4"	28	V2	60	#11	STR.	--	30'-4"	9,670
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							
							S12A	2	#6	5	8'-5"	10'-1"	30							
B20	22	#4	STR.	--	6'-8"	98	S13A	2	#6	5	8'-7"	10'-3"	31							
B21	11	#4	5	6'-8"	7'-5"	54	S14A	2	#6	5	8'-8"	10'-4"	31							
							S15A	2	#6	5	8'-11"	10'-7"	32							
							S16A	2	#6	5	9'-0"	10'-8"	32							
M1	76	#11	3	12'-4"	13'-11"	5,619	S17A	2	#6	5	9'-2"	10'-10"	33							
							S18A	2	#6	5	9'-4"	11'-0"	33							
							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'-3"	70	S21A	2	#6	5	9'-8"	11'-4"	34							
S2	2	#6	4	6'-11"	23'-6"	71	S22A	2	#6	5	9'-10"	11'-6"	35							
S3	2	#6	4	7'-0 1/2"	23'-9"	71	S23A	2	#6	5	10'-0"	11'-8"	35							
S4	4	#6	4	7'-4"	24'-4"	146	S24A	2	#6	5	10'-2"	11'-10"	36							
S5	2	#6	4	7'-5 1/2"	24'-7"	74	S25A	2	#6	5	10'-3"	11'-11"	36							
S6	2	#6	4	7'-7 1/2"	24'-11"	75	S26A	2	#6	5	10'-5"	12'-1"	36							
S7	2	#6	4	7'-9"	25'-2"	76	S27A	2	#6	5	10'-7"	12'-3"	37							
S8	2	#6	4	7'-10 1/2"	25'-5"	76														
S9	2	#6	4	8'-0 1/2"	25'-9"	77														
S10	2	#6	4	8'-2"	26'-0"	78	S28A	8	#6	5	10'-10"	12'-6"	150							
S11	2	#6	4	8'-3 1/2"	26'-3"	79	S29A	8	#6	5	10'-11"	12'-7"	151							
S12	2	#6	4	8'-5 1/2"	26'-7"	80	S30A	8	#6	5	11'-4"	13'-0"	156							
S13	2	#6	4	8'-7"	26'-10"	81	S31A	8	#6	5	11'-6"	13'-2"	158							
S14	2	#6	4	8'-8 1/2"	27'-1"	81														
S15	2	#6	4	8'-10 1/2"	27'-5"	82														
S16	2	#6	4	9'-0"	27'-8"	83	S32A	2	#6	5	11'-4"	13'-0"	39							
S17	2	#6	4	9'-2"	28'-0"	84	S33A	2	#6	5	11'-2"	12'-10"	39							
S18	2	#6	4	9'-3 1/2"	28'-3"	85	S34A	2	#6	5	11'-0"	12'-8"	38							
S19	2	#6	4	9'-5"	28'-6"	86	S35A	2	#6	5	10'-10"	12'-6"	38							
S20	2	#6	4	9'-7"	28'-10"	87	S36A	2	#6	5	10'-8"	12'-4"	37							
S21	2	#6	4	9'-8 1/2"	29'-1"	87	S37A	2	#6	5	10'-5"	12'-1"	36							
S22	2	#6	4	9'-10"	29'-4"	88	S38A	2	#6	5	10'-4"	12'-0"	36							
S23	2	#6	4	10'-0"	29'-8"	89	S39A	2	#6	5	10'-2"	11'-10"	36							
S24	2	#6	4	10'-1 1/2"	29'-11"	90	S40A	2	#6	5	9'-11"	11'-7"	35							
S25	2	#6	4	10'-3"	30'-2"	91	S41A	2	#6	5	9'-10"	11'-6"	35							
S26	2	#6	4	10'-5"	30'-6"	92	S42A	2	#6	5	9'-8"	11'-4"	34							
S27	2	#6	4	10'-6 1/2"	30'-9"	92	S43A	2	#6	5	9'-5"	11'-1"	33							
S28	8	#6	4	10'-9 1/2"	31'-3"	375	S44A	2	#6	5	9'-4"	11'-0"	33							
S29	8	#6	4	10'-11"	31'-6"	379	S45A	2	#6	5	9'-2"	10'-10"	33							
S30	8	#6	4	11'-4"	32'-4"	389	S46A	2	#6	5	8'-11"	10'-7"	32							
S31	8	#6	4	11'-5 1/2"	32'-7"	392	S47A	2	#6	5	8'-10"	10'-6"	32							
S32	2	#6	4	11'-3 1/2"	32'-3"	97	S48A	2	#6	5	8'-8"	10'-4"	31							
S33	2	#6	4	11'-1 1/2"	31'-11"	96	S49A	2	#6	5	8'-5"	10'-1"	30							
S34	2	#6	4	10'-11 1/2"	31'-7"	95	S50A	2	#6	5	8'-4"	10'-0"	30							
S35	2	#6	4	10'-9 1/2"	31'-3"	94	S51A	2	#6	5	8'-2"	9'-10"	30							
S36	2	#6	4	10'-7 1/2"	30'-11"	93	S52A	2	#6	5	8'-0"	9'-8"	29							
S37	2	#6	4	10'-5 1/2"	30'-7"	92	S53A	2	#6	5	7'-10"	9'-6"	29							
S38	2	#6	4	10'-3 1/2"	30'-3"	91	S54A	2	#6	5	7'-8"	9'-4"	28							
S39	2	#6	4	10'-1 1/2"	29'-11"	90	S55A	4	#6	5	7'-6"	9'-2"	55							
S40	2	#6	4	9'-11 1/2"	29'-7"	89	S56A	2	#6	5	7'-2"	8'-10"	27							
S41	2	#6	4	9'-9 1/2"	29'-3"	88	S57A	2	#6	5	7'-0"	8'-8"	26							
S42	2	#6	4	9'-7 1/2"	28'-11"	87	S58A	2	#6	5	6'-10"	8'-6"	26							
S43	2	#6	4	9'-5 1/2"	28'-7"	86														
S44	2	#6	4	9'-3 1/2"	28'-3"	85														
S45	2	#6	4	9'-1 1/2"	27'-11"	84	S100	86	#5	6	5'-8"	18'-9"	1,682							
S46	2	#6	4	8'-11 1/2"	27'-7"	83	S101	129	#5	5	5'-8"	6'-8"	897							
S47	2	#6	4	8'-9 1/2"	27'-3"	82	S102	192	#5	6	6'-8"	20'-4"	4,072							
S48	2	#6	4	8'-7 1/2"	26'-11"	81	S103	288	#5	5	6'-8"	7'-8"	2,303							
S49	2	#6	4	8'-5 1/2"	26'-7"	80														
S50	2	#6	4	8'-3 1/2"	26'-3"	79	T1	69	#11	1	35'-9"	38'-11"	14,267							
S51	2	#6	4	8'-1 1/2"	25'-11"	78	T2	72	#11	1	32'-6"	35'-8"	13,644							
S52	2	#6	4	7'-11 1/2"	25'-7"	77	T3	24	#5	STR.	--	35'-9"	895							
S53	2	#6	4	7'-9 1/2"	25'-3"	76	T4	24	#5	STR.	--	32'-6"	814							

### BAR TYPES



### SUMMARY OF QUANTITIES - BENT 5

REINFORCING STEEL	LBS.	105,878
CLASS AA CONCRETE:		
POUR #1 - FOOTING	C.Y.	310.2
POUR #2 - COLUMN	C.Y.	142.4
POUR #3 - COLUMN	C.Y.	42.9
POUR #4 - CAP	C.Y.	109.0
TOTAL	C.Y.	604.5
9 3/8" Ø STEEL MICROPILES *	NO.	48

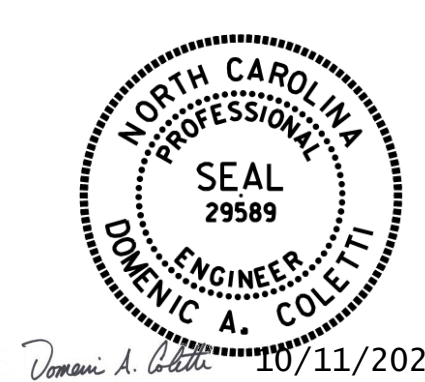
**NOTE**  
SEE SHEETS 1 AND 2 OF 6 FOR NOTES.

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

SHEET 6 OF 6

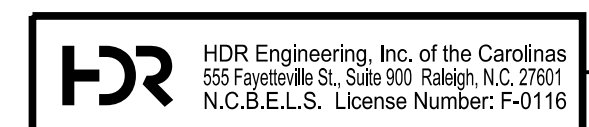
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

## SUBSTRUCTURE BENT 5 BILL OF MATERIALS



10/11/2021

\* SEE "SUBSTRUCTURE MICROPILE DETAILS" SHEET FOR MICROPILE DETAILS, QUANTITIES, AND NOTES.



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

REVISIONS		
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