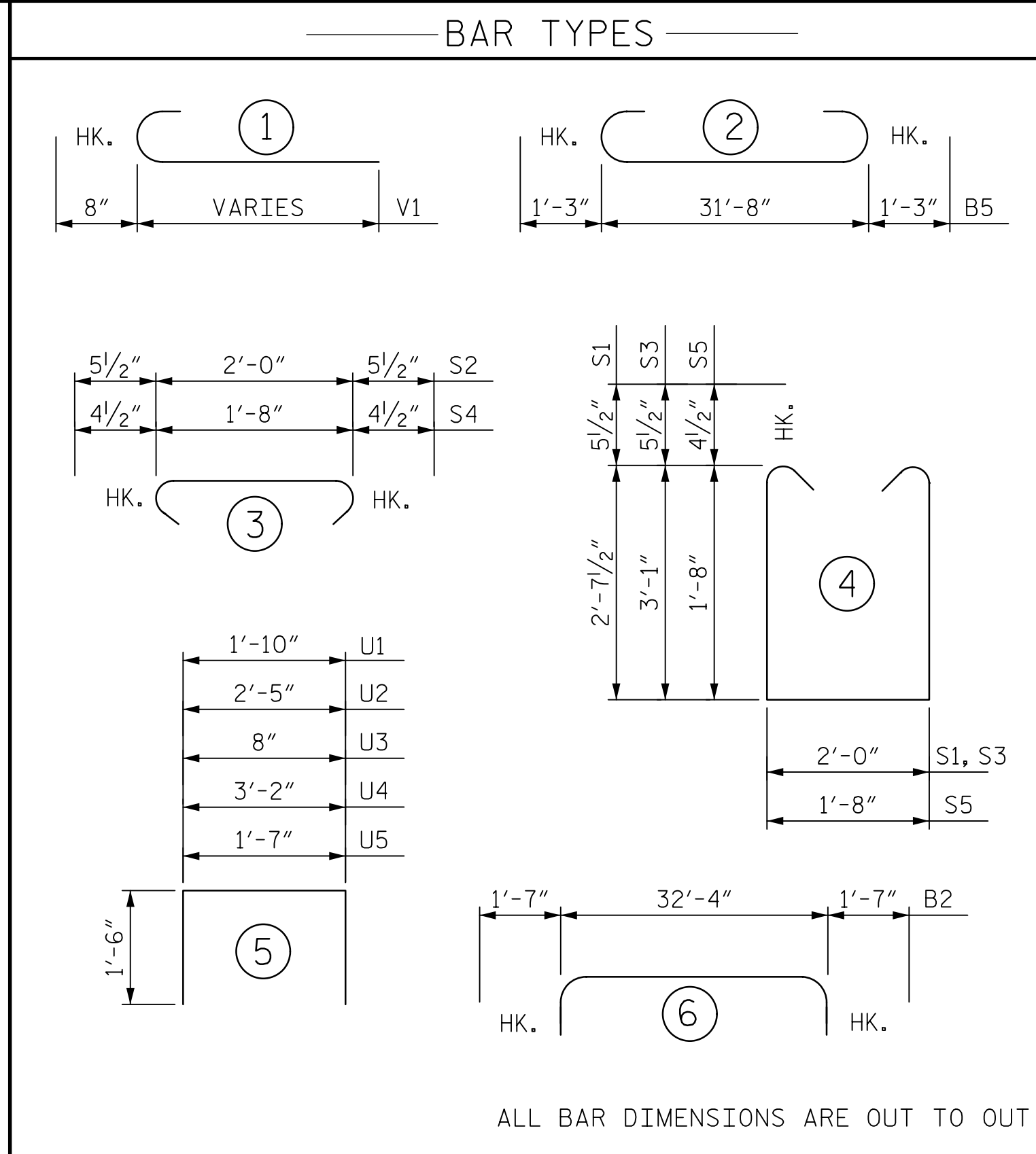


DATE: 8/28/2018
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DON: _____

SPANDREL BENT	BAR V1		BAR S4		BAR S5		TOTAL STEEL WEIGHT PER SPANDREL BENT		TOTAL CONCRETE PER SPANDREL BENT	
	LENGTH	WEIGHT	NUMBER	WEIGHT	NUMBER	WEIGHT				
C1	23'-1"	416	44	71	44	169	3041	LBS.	15.6	C.Y.
C2	15'-10"	285	28	45	28	108	2823	LBS.	13.4	C.Y.
C3	10'-5"	188	18	29	18	69	2671	LBS.	11.8	C.Y.
C4	7'-2"	129	12	19	12	46	2579	LBS.	10.9	C.Y.
C5	6'-11"	125	8	13	8	31	2523	LBS.	10.9	C.Y.
C6	6'-2"	111	6	10	6	23	2498	LBS.	10.2	C.Y.
C7	7'-2"	129	8	13	8	31	2527	LBS.	10.9	C.Y.
C8	7'-1"	128	12	19	12	46	2578	LBS.	10.8	C.Y.
C9	10'-2"	183	18	29	18	69	2666	LBS.	11.7	C.Y.
C10	15'-5"	278	28	45	28	108	2816	LBS.	13.3	C.Y.
C11	22'-7"	407	42	68	42	161	3021	LBS.	15.4	C.Y.
D1	22'-6"	406	42	68	42	161	3020	LBS.	15.4	C.Y.
D2	15'-3"	275	28	45	28	108	2813	LBS.	13.3	C.Y.
D3	9'-10"	177	16	26	16	61	2649	LBS.	11.6	C.Y.
D4	6'-9"	122	10	16	10	38	2561	LBS.	10.7	C.Y.
D5	5'-0"	90	8	13	8	31	2488	LBS.	10.7	C.Y.
D6	4'-2"	75	6	10	6	23	2462	LBS.	10.0	C.Y.
D7	4'-10"	87	6	10	6	23	2474	LBS.	10.7	C.Y.
D8	6'-4"	114	10	16	10	38	2553	LBS.	10.6	C.Y.
D9	9'-6"	171	16	26	16	61	2643	LBS.	11.6	C.Y.
D10	14'-10"	267	26	42	26	100	2794	LBS.	13.1	C.Y.
D11	22'-0"	397	42	68	42	161	3011	LBS.	15.2	C.Y.
E1	21'-9"	392	40	65	40	154	2996	LBS.	15.2	C.Y.
E2	14'-6"	261	26	42	26	100	2788	LBS.	13.0	C.Y.
E3	9'-5"	170	16	26	16	61	2642	LBS.	11.5	C.Y.
E4	6'-0"	108	10	16	10	38	2547	LBS.	10.5	C.Y.
E5	4'-5"	80	6	10	6	23	2467	LBS.	10.5	C.Y.
E6	3'-8"	66	4	6	4	15	2441	LBS.	9.8	C.Y.
E7	4'-3"	77	6	10	6	23	2464	LBS.	10.5	C.Y.
E8	5'-9"	104	8	13	8	31	2533	LBS.	10.4	C.Y.
E9	8'-10"	159	14	23	14	54	2621	LBS.	11.3	C.Y.
E10	14'-1"	254	26	42	26	100	2781	LBS.	12.9	C.Y.
E11	21'-4"	385	40	65	40	154	2989	LBS.	15.0	C.Y.
F1	21'-2"	382	40	65	40	154	2986	LBS.	15.0	C.Y.
F2	14'-0"	252	26	42	26	100	2779	LBS.	12.9	C.Y.
F3	8'-8"	156	14	23	14	54	2618	LBS.	11.3	C.Y.
F4	5'-5"	98	8	13	8	31	2527	LBS.	10.3	C.Y.
F5	3'-9"	68	4	6	4	15	2443	LBS.	10.3	C.Y.
F6	2'-11"	53	4	6	4	15	2428	LBS.	9.6	C.Y.
F7	3'-7"	65	4	6	4	15	2440	LBS.	10.3	C.Y.
F8	5'-2"	93	8	13	8	31	2522	LBS.	10.3	C.Y.
F9	8'-3"	149	14	23	14	54	2611	LBS.	11.2	C.Y.
F10	13'-6"	243	24	39	24	92	2759	LBS.	12.7	C.Y.
F11	20'-8"	372	38	61	38	146	2964	LBS.	14.9	C.Y.
TOTAL							117557	LBS.	527.4	C.Y.



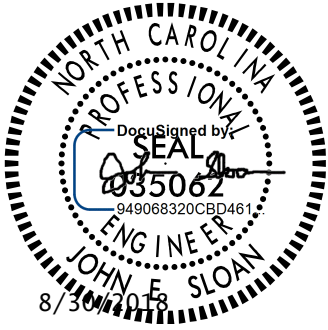
BILL OF MATERIAL FOR ONE SPANDREL BENT					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#9	STR	33'-4"	453
B2	5	#9	6	35'-6"	604
B3	5	#4	STR	13'-6"	45
B4	4	#4	STR	17'-1"	46
B5	2	#9	2	34'-2"	232
S1	35	#5	4	8'-2"	298
S2	87	#5	3	2'-11"	265
S3	26	#5	4	9'-1"	246
S4	VARIES	#4	3	2'-5"	VARIES
S5	VARIES	#4	4	5'-9"	VARIES
U1	39	#4	5	4'-10"	126
U2	3	#4	5	5'-5"	11
U3	3	#4	5	3'-8"	7
U4	3	#4	5	6'-2"	12
U5	3	#4	5	4'-7"	9
V1	12	#6	1	VARIES	VARIES
V2	4	#6	STR	5'-2"	31
NOTE: OMIT V2 BARS AT SPANDREL BENTS 5-7					
TOTAL CLASS A CONCRETE					
POUR 1 (PEDESTALS)				0.5	C.Y.
POUR 2 (COLUMNS)				VARIES	C.Y.
POUR 3 (CAP)				9.4	C.Y.

PROJECT NO. B-4974

STANLY/MONTGOMERY COUNTY

STATION: 339+86.39 -L-

SHEET 6 OF 6



DRAWN BY : K.M. DONALD DATE : 3/2018
CHECKED BY : J.E. SLOAN DATE : 3/2018
DESIGNED BY : D. RITACCO DATE : 3/2018
DESIGN CHECKED BY : N.K. BROWN DATE : 3/2018

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO. S-90
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 148
2			4			