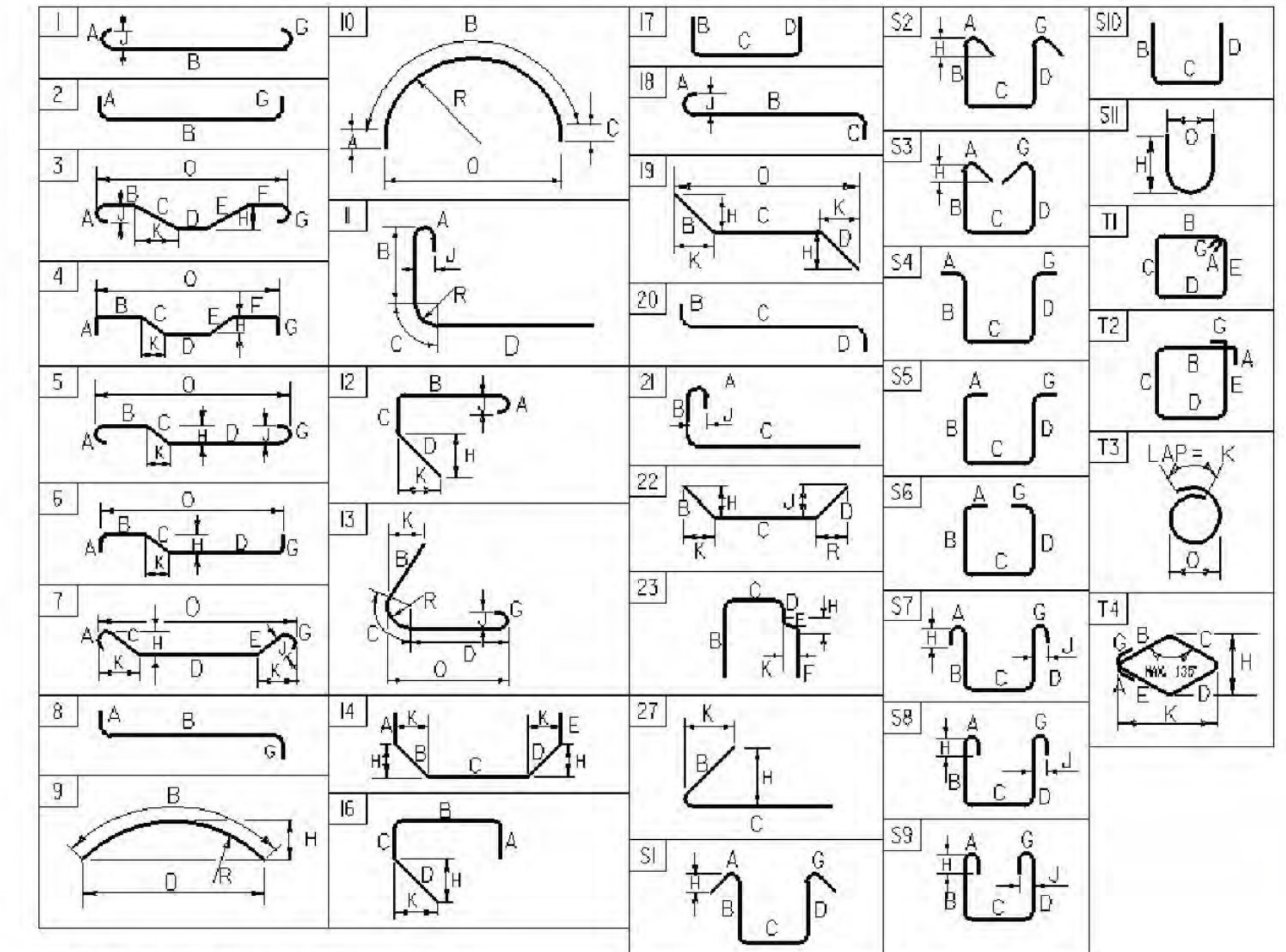


REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O					
PIER																																								
* 63	32	4	6'-4"	P0450	S2	0'-5"	5'-6"	0'-5"	0'-0"	---	---	0'-0"	0'-3"	---	---	---	---																							
110	65	4	5'-7"	P0451	S2	0'-5"	4'-9"	0'-5"	0'-0"	---	---	0'-0"	0'-3"	---	---	---	---																							
48	24	4	5'-4"	P0452	S2	0'-5"	4'-6"	0'-5"	0'-0"	---	---	0'-0"	0'-3"	---	---	---	---																							
		9	10'-9"	P0453	17	---	1'-6"	7'-9"	1'-6"	---	---	---	---	---	---	---	---																							
		9	15'-6"	P0454	17	---	1'-6"	14'-0"	0'-0"	---	---	---	---	---	---	---	---																							
		8	30'-4"	P0501	STR																																			
*		23	5'-4"	P0550	2	0'-6"	3'-8"	---	---	---	---	0'-6"	---	---	---	---	---																							
		22	5'-13"	P0551	S3	0'-6"	4'-6"	3'-8"	4'-6"	---	---	0'-6"	---	---	---	---	---																							
		16	5'-8"	P0552	T1	0'-6"	2'-0"	1'-8"	2'-0"	1'-8"	---	0'-6"	---	---	---	---	---																							
		8	57'-6"	P0601	STR																																			
		22	38'-6"	P0602	STR																																			
		8	19'-0"	P0603	STR																																			
*		170	67	7'-5"	P0650	S2	0'-8"	5'-9"	1'-0"	0'-0"	---	---	0'-0"	0'-5"	---	---	---																							
		12	6	13'-0"	P0651	2	1'-0"	11'-0"	---	---	---	---	1'-0"	---	---	---	---																							
68	37	6	22'-6"	P0652	T2	1'-0"	4'-9"	5'-6"	4'-9"	5'-6"	---	1'-0"	---	---	---	---	---																							
54	36	6	20'-6"	P0653	T2	1'-0"	4'-9"	4'-6"	4'-9"	4'-6"	---	1'-0"	---	---	---	---	---																							
		40	6	7'-6"	P0654	2	1'-0"	5'-6"	---	---	---	---	---	---	---	---	---																							
		8	6	24'-2"	P0655	S3	0'-8"	8'-8"	5'-6"	8'-8"	---	0'-8"	0'-4"	---	---	---	---																							
		12	6	22'-4"	P0656	S3	0'-8"	7'-9"	5'-6"	7'-9"	---	0'-8"	0'-4"	---	---	---	---																							
		12	6	20'-8"	P0657	S3	0'-8"	6'-11"	5'-6"	6'-11"	---	0'-8"	0'-4"	---	---	---	---																							
		8	6	18'-10"	P0658	S3	0'-8"	6'-0"	5'-6"	6'-0"	---	0'-8"	0'-4"	---	---	---	---																							
		20	6	6'-6"	P0659	17	---	2'-6"	1'-6"	2'-6"	---	---	---	---	---	---	---																							
		20	6	6'-2"	P0660	17	---	2'-2"	1'-10"	2'-2"	---	---	---	---	---	---	---																							
		28	6	7'-6"	P0661	2	1'-0"	5'-6"	---	---	---	---	1'-0"	---	---	---	---																							
*		67	7	13'-4"	P0750	2	1'-2"	11'-0"	---	---	---	---	1'-2"	---	---	---	---																							
		66	7	24'-10"	P0751	S6	1'-2"	5'-9"	11'-0"	5'-9"	---	---	1'-2"	---	---	---	---																							
		24	10	20'-9"	P1001	STR																																		
*		49	10	14'-9"	P1050	2	1'-10"	12'-11"	---	---	---	---	0'-0"	---	---	---	---																							
		58	11	57'-6"	P1101	STR																																		
		8	11	36'-9"	P1102	STR																																		
		40	11	29'-6"	P1103	STR																																		
		40	11	18'-3"	P1104	STR																																		
69	72	11	27'-9"	P1105	STR																																			
		13	11	38'-6"	P1106	STR																																		
*		73	11	16'-9"	P1150	2	2'-0"	14'-9"	---	---	---	---	0'-0"	---	---	---	---																							
		13	11	26'-3"	P1151	2	2'-0"	22'-3"	---	---	---	---	2'-0"	---	---	---	---																							
		13	11	22'-7"	P1152	S9	1'-7"	19'-0"	2'-0"	0'-0"	---	---	0'-0"	1'-1"	1'-3"	---	---																							
		32	11	38'-9"	P1153	5	0'-0"	9'-0"	1'-0"	28'-9"	---	---	0'-0"	0'-2"	0'-0"	1'-0"	---																							

~ NOTES ~

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
- "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.
- ** DENOTES BAR IS PART OF A COUPLER SYSTEM ADDITIONAL BARS, 12" IN LENGTH, ADDED PER VTRANS MATERIAL TESTING STD



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES ²	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

AS-BUILT RECORD PLANS

PROJECT NAME: **BRATTLEBORO**
PROJECT NUMBER: **AC IM 091-I(50)**

FILE NAME: **ZB-100-BR6-505.xls** PLOT DATE: **11/4/2011**
PROJECT MANAGER: **Phillip Kendall P.E.** DRAWN BY: **Scott Morgan**
DESIGNED BY: **Joshua K Olund, P.E.** CHECKED BY: **Daniel Myers, P.E.**

REINFORCING STEEL SCHEDULE SHEET SHEET **1** OF **1**