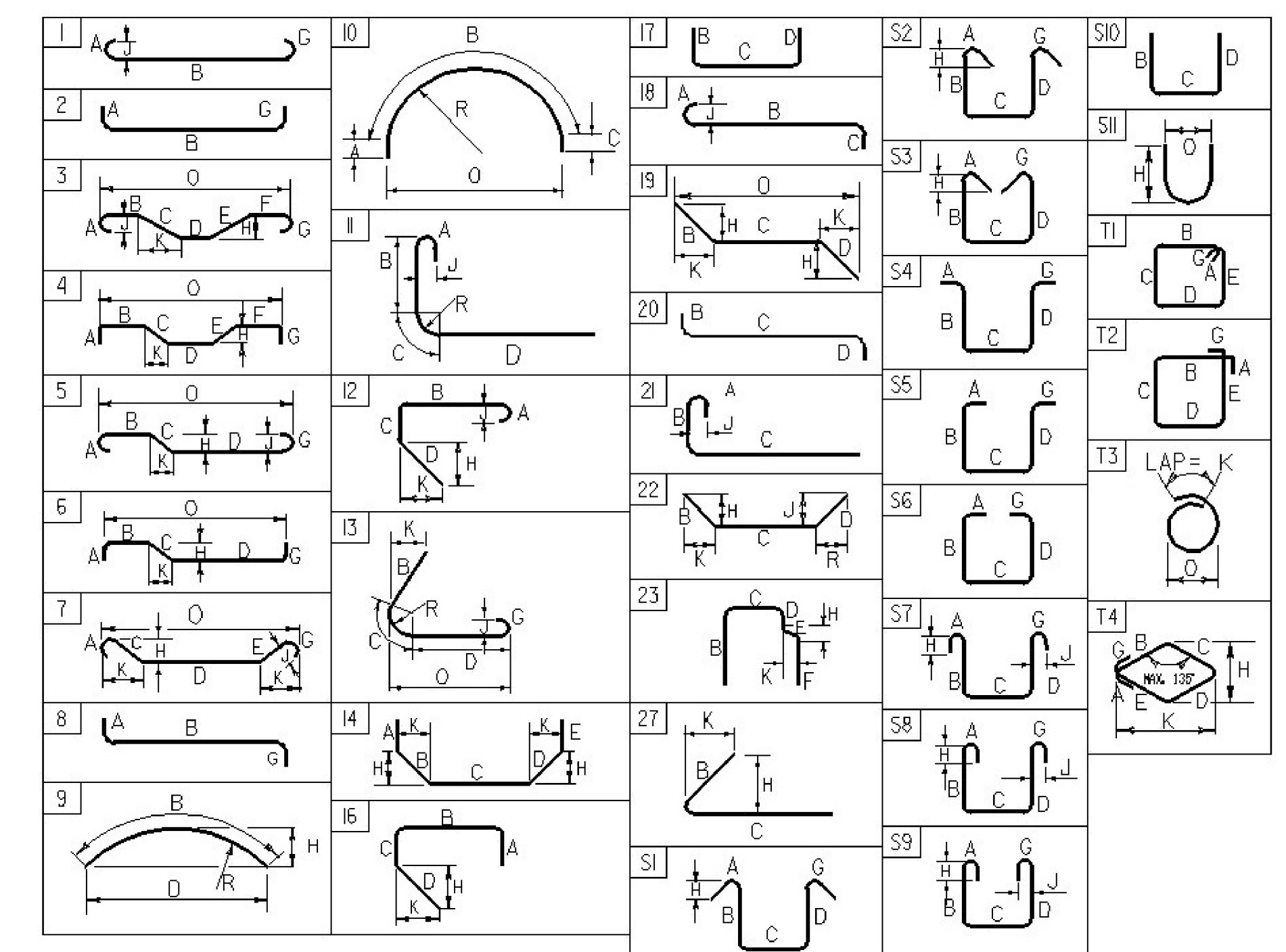


REINFORCING STEEL SCHEDULE

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				
ABUTMENT 1																																							
66	5	8'-9"	1A500	S10			1'-6"	5'-9"	1'-6"																														
104	5	39'-0"	1A501	STR																																			
14	5	19'-2"	1A502	STR																																			
14	5	10'-7"	1A503	STR																																			
31	5	3'-9"	1A504	2	1'-0"		1'-9"					1'-0"																											
20	5	11'-0"	1A505	S10			4'-9"	1'-9"	4'-6"																														
11	5	9'-6"	1A506	S10			4'-0"	1'-9"	3'-9"																														
8	5	18'-6"	1A507	STR																																			
8	5	9'-8"	1A508	STR																																			
8	5	5'-6"	1A509	22			2'-9"	2'-9"	0"			9"	0"	2'-8"	0"																								
8	5	5'-6"	1A510	22			2'-9"	2'-9"	0"			1'-11"	0"	1'-11"	0"																								
*	585	6	10'-9"	1A600	S10		1'-6"	7'-9"	1'-6"																														
292	6	3'-9"	1A601	2	1'-0"		1'-9"					1'-0"																											
146	6	11'-0"	1A602	S10			4'-9"	1'-9"	4'-6"																														
146	6	9'-6"	1A603	S10			4'-0"	1'-9"	3'-9"																														
ABUTMENT 2																																							
84	5	8'-9"	2A500	S10			1'-6"	5'-9"	1'-6"																														
104	5	39'-0"	2A501	STR																																			
14	5	8'-4"	2A502	STR																																			
14	5	30'-4"	2A503	STR																																			
40	5	3'-9"	2A504	2	1'-0"		1'-9"					1'-0"																											
9	5	11'-0"	2A505	S10			4'-9"	1'-9"	4'-6"																														
31	5	9'-6"	2A506	S10			4'-0"	1'-9"	3'-9"																														
*	9	5	7'-3"	2A507	STR																																		
8	5	29'-7"	2A508	STR																																			
8	5	5'-6"	2A509	22			2'-9"	2'-9"	0"			2'-5"	0"	1'-5"	0"																								
8	5	5'-6"	2A510	22			2'-9"	2'-9"	0"			1'-2"	0"	2'-6"	0"																								
584	6	10'-9"	2A600	S10			1'-6"	7'-9"	1'-6"																														
292	6	3'-9"	2A601	2	1'-0"		1'-9"					1'-0"																											
146	6	11'-0"	2A602	S10			4'-9"	1'-9"	4'-6"																														
146	6	9'-6"	2A603	S10			4'-0"	1'-9"	3'-9"																														

~ 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-SI). 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.



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



PROJECT NAME: **DUXBURY**
 PROJECT NUMBER: **BF 013-4(47)**
 FILE NAME: z16b001rss.dgn
 PROJECT MANAGER: J. OLUIND
 DESIGNED BY: T. POULIN
 REINFORCING STEEL SCHEDULE SHEET #1

PLOT DATE: 5/23/2016
 DRAWN BY: T. POULIN
 CHECKED BY: J. OLUIND
 SHEET 46 OF 69