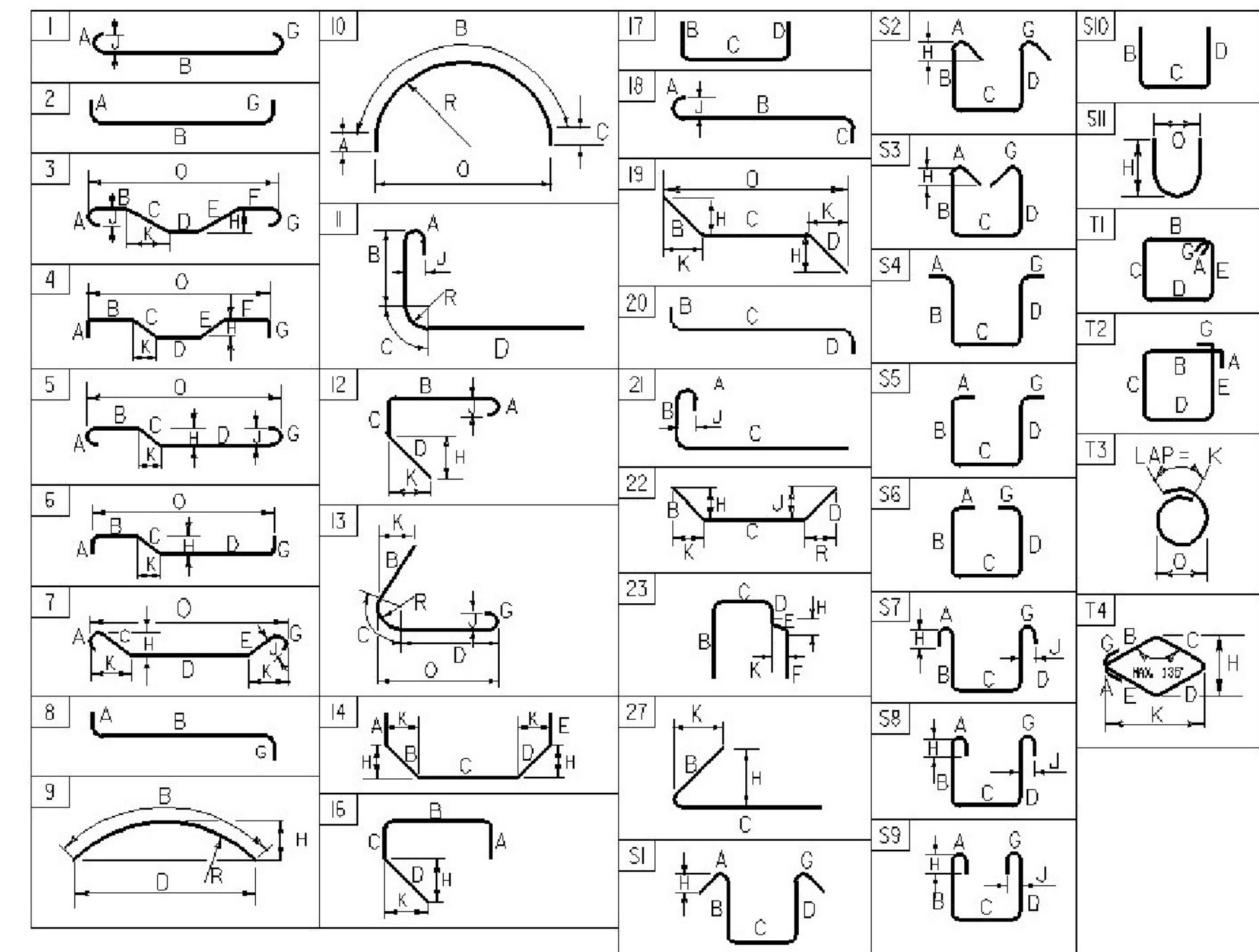


# REINFORCING STEEL SCHEDULE

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						
<b>ABUTMENT 1:</b>																																									
	48	5	33'-9"	1A501	STR																																				
*	90	5	5'-2"	1A502	STR																																				
▲	89	5	20'-5"	1A503	STR																																				
	116	5	32'-9"	1A504	STR																																				
	92	5	7'-5"	1A507	17		2'-5"	2'-7"	2'-5"																																
	17	5	12'-11"	1A508	16	2'-5"	4'-7"	1'-2"	4'-9"				2'-7"		2'-7"																										
*	201	7	10'-6"	1A701	STR																																				
	83	7	14'-1"	1A702	STR																																				
*	84	9	10'-0"	1A901	STR																																				
	83	9	14'-3"	1A902	17		5'-7"	8'-9"																																	
*	▲	26	5	10'-6"	1A505.3	STR																																			
	▲	17	5	13'-7"	1A506.3	19		4'-9"	8'-10"					2'-7"		2'-7"																									
	25	5	6'-5"	1A509.3	17		2'-5"	1'-7"	2'-5"																																
	24	5	5'-7"	1A510.3	STR																																				
	▲	22	5	8'-0"	1A511.3	STR																																			
	2	5	5'-8"	1A512.3	19		2'-5"	3'-3"						1'-4"		2'-0"																									
<b>WW1:</b>																																									
	24	5	13'-0"	1W501	STR																																				
	17	5	5'-2"	1W502	STR																																				
	17	5	19'-5"	1W503	STR																																				
	54	5	11'-10"	1W504	STR																																				
	54	5	11'-0"	1W509	19		5'-6"	5'-6"					3'-6"		4'-2"																										
	27	5	4'-10"	1W510	19		2'-5"	2'-5"					1'-10"		1'-7"																										
	41	7	10'-6"	1W701	STR																																				
	23	7	19'-5"	1W702	STR																																				
	23	8	14'-4"	1W801	17		5'-7"	8'-9"																																	
▲	27	5	9'-11"	1W505.3	STR																																				
▲	13	5	7'-5"	1W506.3	17		2'-5"	2'-7"	2'-5"																																
▲	22	5	8'-0"	1W507.3	STR																																				
	2	5	7'-10"	1W508.3	19		0'-5"	7'-5"					0'-2"		0'-4"																										
	11	5	4'-10"	1W511.3	19		2'-5"	2'-5"					1'-10"		1'-7"																										
<b>WW2:</b>																																									
	5	5	7'-5"	2W501	17		2'-5"	2'-7"	2'-5"																																
	16	5	5'-2"	2W502	STR																																				
	32	5	18'-3"	2W503	STR																																				
▲	52	5	11'-0"	2W505	STR																																				
	26	5	13'-7"	2W508	22		2'-5"	8'-9"	2'-5"				1'-11"	1'-11"	1'-4"	1'-4"																									
	26	5	5'-4"	2W509	27		2'-8"	2'-8"					2'-6"		0'-10"																										
	24	5	7'-0"	2W504.3	STR																																				
▲	14	5	7'-10"	2W506.3	STR																																				
	12	5	7'-5"	2W507.3	17		2'-5"	2'-7"	2'-5"																																
	14	5	5'-4"	2W510.3	27		2'-8"	2'-8"					2'-6"		0'-10"																										

~ 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.



ASTM STANDARD  
REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIAMETER INCHES	AREA INCHES <sup>2</sup>	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

REVISION	DATE	DESCRIPTION	BY
△	01-07-2015	REINFORCING STEEL SCHEDULE UPDATE, ADDED TEST BARS	WDL

PROJECT NAME: **HARTFORD**  
 PROJECT NUMBER: **IM 091-2 (79)**  
 FILE NAME: s12a132RSS\_AB1.dgn PLOT DATE: 1/7/2015  
 PROJECT MANAGER: K. HIGGINS DRAWN BY: J. SALVATORI  
 DESIGNED BY: G. LAROCHE CHECKED BY: J. GRIGAS  
 REINFORCING STEEL SCHEDULE ABUTMENT 1 SHEET 127 OF 166