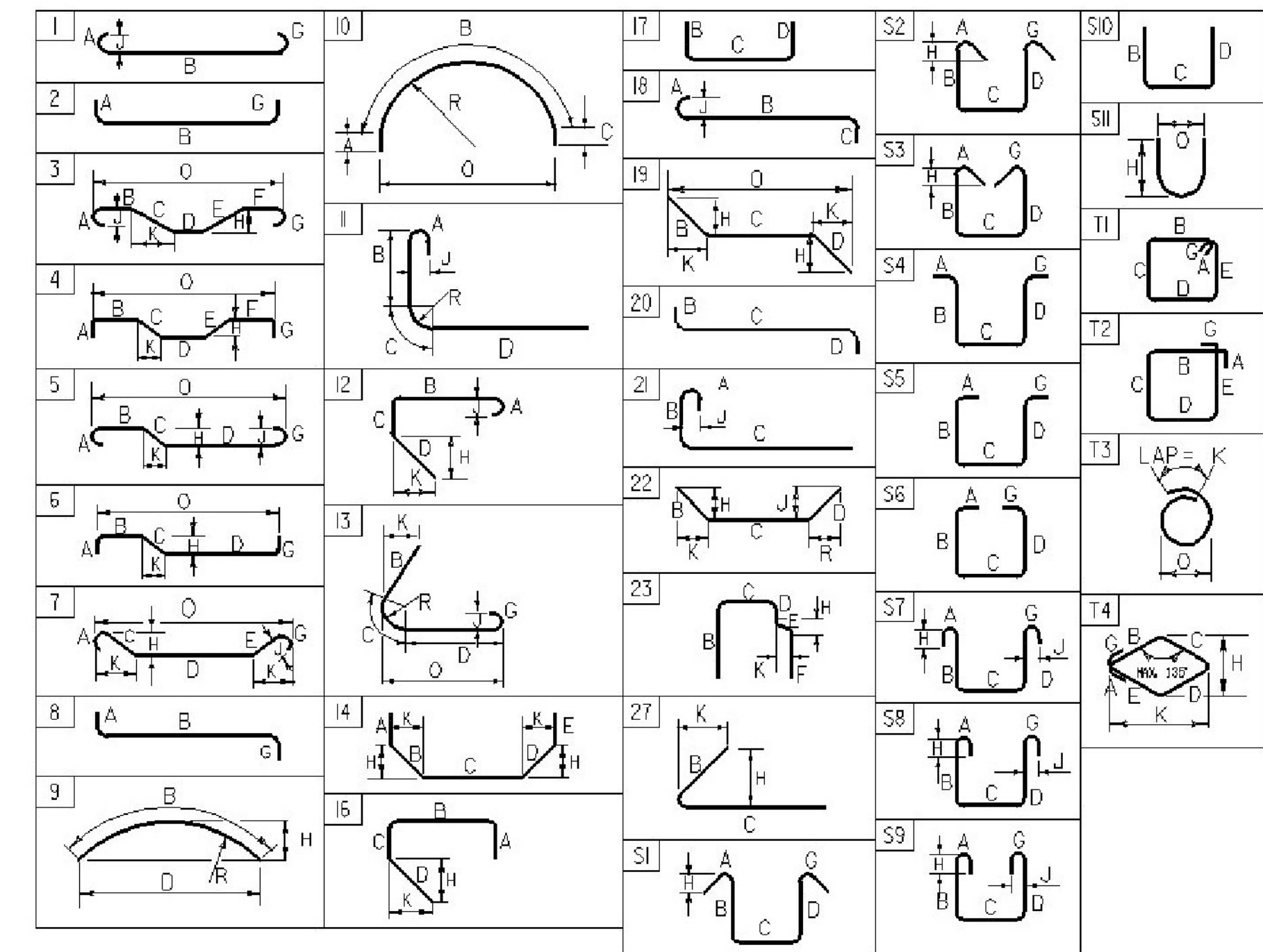


REINFORCING STEEL SCHEDULE

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 2:																																								
	48	5	32'- 7"	2A501	STR																																			
*	86	5	5'- 2"	2A502	STR																																			
▲	85	5	20'- 2"	2A503	STR																																			
	112	5	32'- 6"	2A504	STR																																			
	85	5	7'- 5"	2A507	17		2'- 5"	2'- 7"	2'- 5"																															
	19	5	12'- 11"	2A508	16		2'- 5"	4'- 7"	1'- 2"	4'- 9"				3'- 4"		3'- 4"																								
*	211	7	10'- 6"	2A701	STR																																			
	81	7	13'- 10"	2A702	STR																																			
*	82	9	10'- 0"	2A901	STR																																			
	81	9	14'- 3"	2A902	17		5'- 6"	8'- 9"																																
▲	23	5	10'- 6"	2A505.3	STR																																			
▲	18	5	13'- 7"	2A506.3	19		4'- 9"	8'- 10"						3'- 4"		3'- 4"																								
	17	5	6'- 5"	2A509.3	17		2'- 5"	1'- 7"	2'- 5"																															
	24	5	5'- 4"	2A510.3	STR																																			
▲	20	5	7'- 9"	2A511.3	STR																																			
	2	5	5'- 0"	2A512.3	19		2'- 10"	2'- 2"						1'- 6"		2'- 5"																								
WW3:																																								
	24	5	12'- 11"	3W501	STR																																			
	17	5	5'- 2"	3W502	STR																																			
	17	5	19'- 2"	3W503	STR																																			
	54	5	11'- 4"	3W504	STR																																			
	28	5	18'- 11"	3W509	22		2'- 3"	14'- 5"	2'- 3"					1'- 1"	1'- 1"	2'- 0"	2'- 0"																							
	28	5	4'- 8"	3W510	19		2'- 4"	2'- 4"						1'- 11"		1'- 4"																								
	39	7	10'- 6"	3W701	STR																																			
	21	7	19'- 2"	3W702	STR																																			
*	23	8	13'- 0"	3W801	17		5'- 6"	8'- 9"																																
▲	28	5	9'- 11"	3W505.3	STR																																			
	12	5	7'- 5"	3W506.3	17		2'- 5"	2'- 7"	2'- 5"																															
▲	24	5	7'- 8"	3W507.3	STR																																			
	2	5	8'- 11"	3W508.3	19		0'- 10"	8'- 1"						0'- 5"		0'- 8"																								
	24	5	4'- 8"	3W511.3	19		2'- 4"	2'- 4"						1'- 11"		1'- 4"																								
WW4:																																								
	7	5	7'- 5"	4W501	17		2'- 5"	2'- 7"	2'- 5"																															
	16	5	5'- 2"	4W502	STR																																			
	32	5	17'- 11"	4W503	STR																																			
	50	5	11'- 2"	4W505	STR																																			
	25	5	17'- 7"	4W508	22		2'- 3"	13'- 1"	2'- 3"					1'- 3"	1'- 2"	1'- 10"	1'- 11"																							
	25	5	4'- 8"	4W509	19		2'- 4"	2'- 4"						2'- 1"		1'- 0"																								
*	26	5	7'- 0"	4W504.3	STR																																			
	16	5	7'- 10"	4W506.3	STR																																			
	15	5	7'- 5"	4W507.3	17		2'- 5"	2'- 7"	2'- 5"																															
	20	5	4'- 8"	4W510.3	19		2'- 4"	2'- 4"						2'- 1"		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.



ASTM STANDARD
REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL 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

REVISION	DATE	DESCRIPTION	BY
1	01-07-2015	REINFORCING STEEL SCHEDULE UPDATE, ADDED TEST BARS	WDL

PROJECT NAME: **HARTFORD**
 PROJECT NUMBER: **IM 091-2 (79)**
 FILE NAME: s12a132RSS_AB2.dgn PLOT DATE: 1/7/2015
 PROJECT MANAGER: K.HIGGINS DRAWN BY: G.LAROCHE
 DESIGNED BY: G.LAROCHE CHECKED BY: J.SALVATORI
 REINFORCING STEEL SCHEDULE ABUTMENT 2 SHEET 128 OF 166