

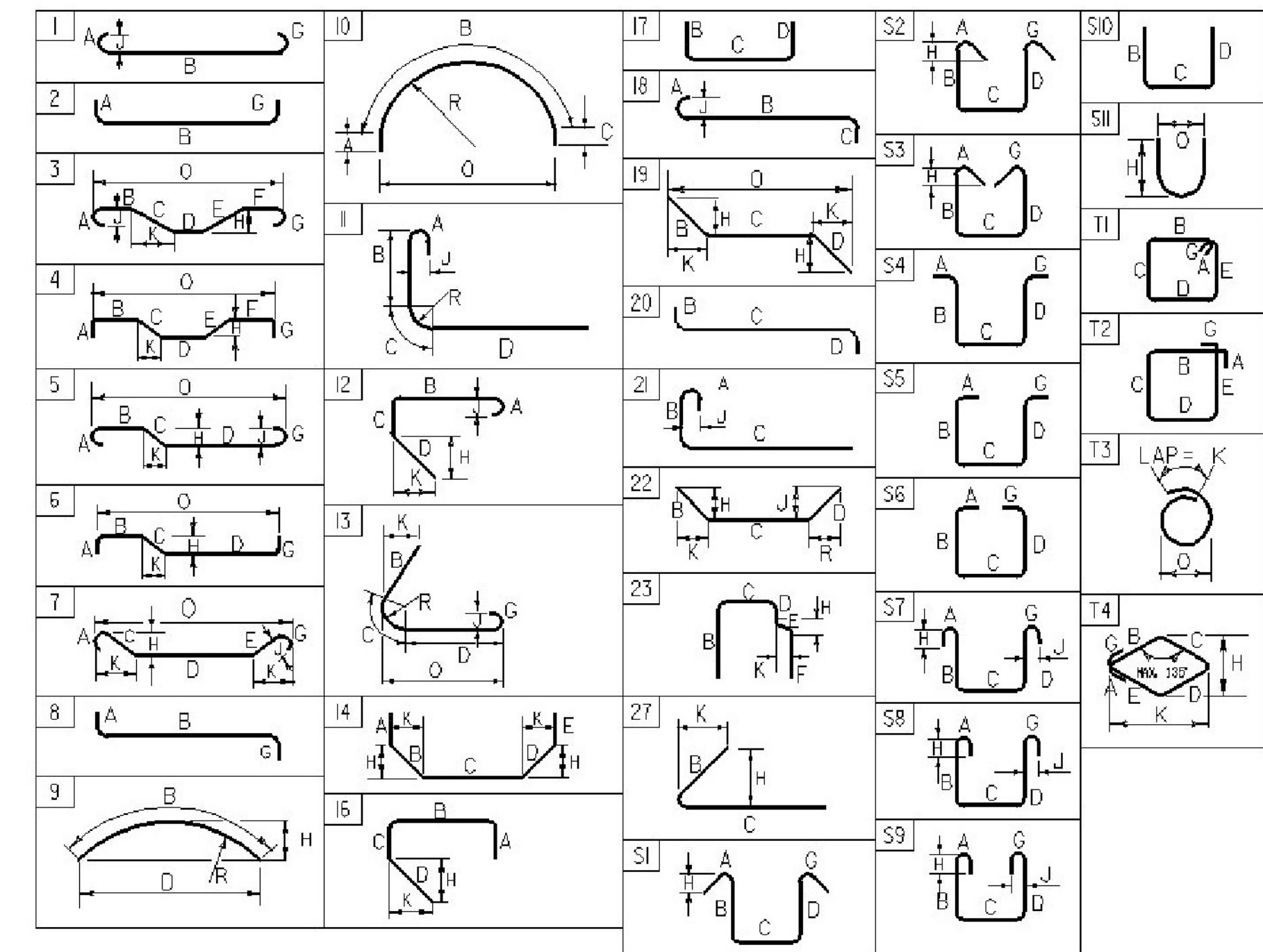


REINFORCING STEEL SCHEDULE

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 4:																																												
	32	5	33'- 8"	4A501	STR																																							
*	94	5	5'- 2"	4A502	STR																																							
▲	93	5	19'- 4"	4A503	STR																																							
	108	5	32'- 11"	4A504	STR																																							
	88	5	7'- 5"	4A507	17		2'- 5"	2'- 7"	2'- 5"																																			
	17	5	12'- 11"	4A508	16	2'- 5"	4'- 7"	1'- 2"	4'- 9"					1'- 0"		1'- 0"																												
*	133	7	8'- 6"	4A701	STR																																							
▲	83	7	19'- 4"	4A702	STR																																							
*	84	8	14'- 4"	4A801	17		4'- 7"	9'- 9"																																				
*	25	5	9'- 11"	4A505.3	STR																																							
▲	17	5	13'- 2"	4A506.3	19		4'- 9"	8'- 5"						1'- 0"		1'- 0"																												
	24	5	6'- 5"	4A509.3	17		2'- 5"	1'- 7"	2'- 5"																																			
	22	5	6'- 8"	4A510.3	STR																																							
▲	18	5	7'- 9"	4A511.3	STR																																							
	2	5	5'- 3"	4A512.3	19		2'- 1"	3'- 2"						1'- 0"		1'- 9"																												
* ▲	13	9	40'- 0"	4A901.3	STR																																							
WW7:																																												
	6	5	7'- 5"	7W501	17		2'- 5"	2'- 7"	2'- 5"																																			
	14	5	5'- 2"	7W502	STR																																							
	32	5	19'- 4"	7W503	STR																																							
▲	54	5	11'- 1"	7W505	STR																																							
	27	5	13'- 5"	7W508	22		2'- 5"	8'- 7"	2'- 5"					1'- 11"	1'- 11"	1'- 4"	1'- 4"																											
	27	5	5'- 6"	7W509	27		2'- 9"	2'- 9"						2'- 6"		0'- 11"																												
	24	5	6'- 5"	7W504.3	STR																																							
▲	12	5	7'- 9"	7W506.3	STR																																							
	12	5	7'- 5"	7W507.3	17		2'- 5"	2'- 7"	2'- 5"																																			
	18	5	5'- 6"	7W510.3	27		2'- 9"	2'- 9"						2'- 6"		0'- 11"																												
WW8:																																												
	16	5	12'- 6"	8W501	STR																																							
	17	5	5'- 2"	8W502	STR																																							
	17	5	15'- 4"	8W503	STR																																							
	44	5	11'- 9"	8W504	STR																																							
	24	5	21'- 3"	8W509	22		2'- 3"	16'- 9"	2'- 3"					0'- 10"	0'- 10"	2'- 1"	2'- 1"																											
	24	5	4'- 8"	8W510	19		2'- 4"	2'- 4"						1'- 0"		1'- 0"																												
	27	7	8'- 6"	8W701	STR																																							
	22	7	15'- 4"	8W702	STR																																							
	22	8	13'- 4"	8W801	17		4'- 7"	8'- 9"																																				
▲	29	5	9'- 5"	8W505.3	STR																																							
	13	5	7'- 5"	8W506.3	17		2'- 5"	2'- 7"	2'- 5"																																			
▲	22	5	7'- 7"	8W507.3	STR																																							
	2	5	7'- 11"	8W508.3	19		0'- 7"	7'- 4"						0'- 2"		0'- 6"																												
	16	5	4'- 8"	8W511.3	19		2'- 4"	2'- 4"						1'- 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.



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_AB4.dgn PLOT DATE: 1/7/2015
 PROJECT MANAGER: K. HIGGINS DRAWN BY: G. LAROCHE
 DESIGNED BY: G. LAROCHE CHECKED BY: J. GRIGAS
 REINFORCING STEEL SCHEDULE ABUTMENT 4 SHEET 130 OF 166