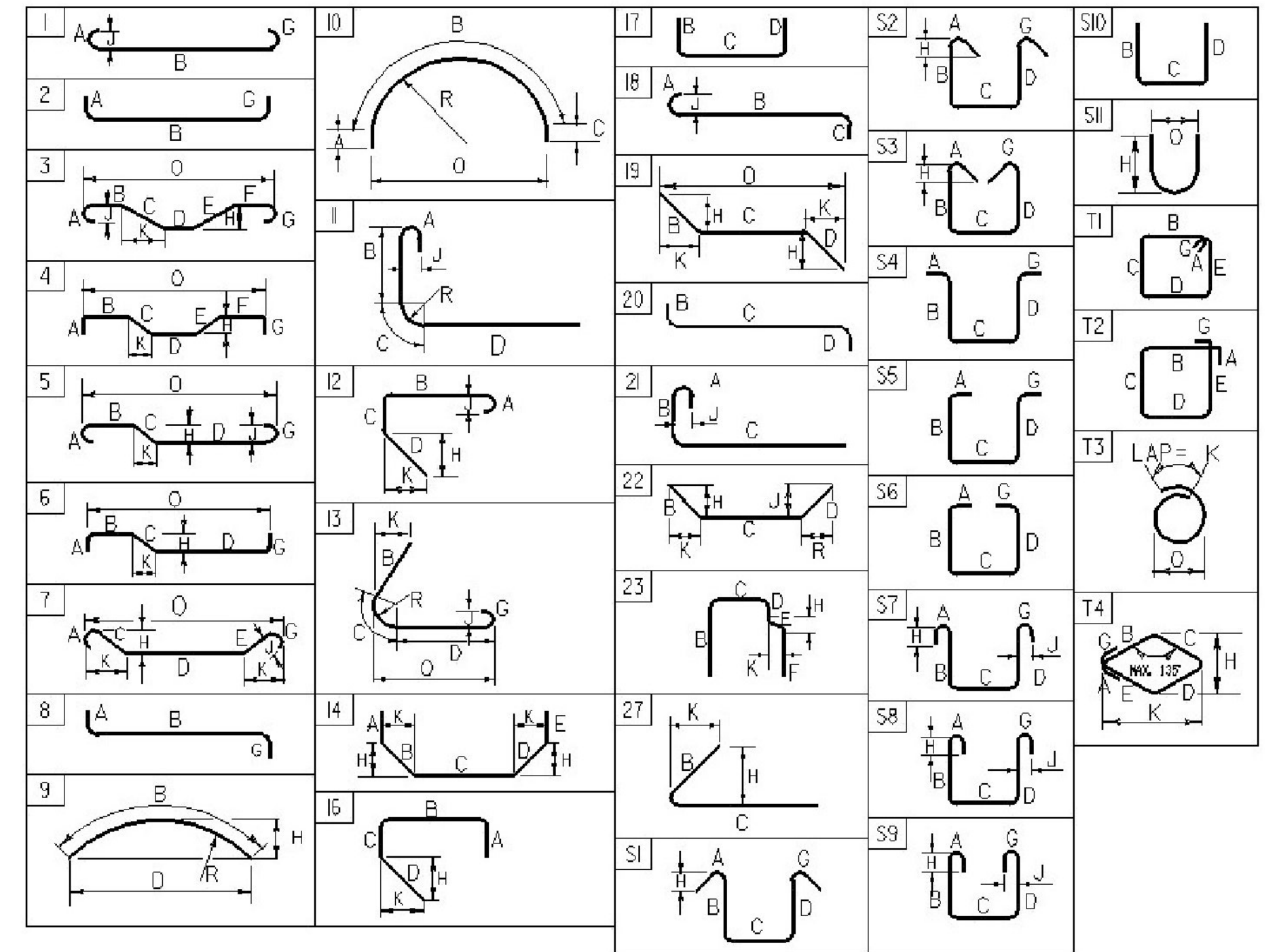


REINFORCING STEEL SCHEDULE

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
SIDEWALK																																			
	30	5	21'- 4"	SW501.2	STR	21'- 4"																													
*	56	5	4'- 2"	SW502.2	S7	0'- 10"	1'- 3"	0'- 10"	---			---	1'- 3"	0'- 6"																					
RETAINING WALL																																			
* ▲	21	5	9'- 0"	RW501	STR	9'- 0"																													
▲	18	5	5'- 0"	RW502	STR	5'- 0"																													
▲	12	5	16'- 8"	RW503	STR	16'- 8"																													
▲	8	5	10'- 0"	RW504	STR	10'- 0"																													
*	15	5	8'- 0"	ERW505	17		3'- 8"	0'- 8"	3'- 8"																										
	10	5	5'- 4"	ERW506	17		2'- 1"	1'- 2"	2'- 1"																										
* ▲	10	5	13'- 6"	ERW507	STR	13'- 6"																													
	6	5	9'- 4"	ERW508	STR	9'- 4"																													
	6	5	5'- 10"	ERW509	STR	5'- 10"																													
	15	5	7'- 4"	ERW510	17		0'- 10"	6'- 6"	---																										
	1	5	8'- 4"	ERW511	17		3'- 8"	1'- 0"	3'- 8"																										
*	16	6	7'- 6"	ERW601	17		1'- 0"	6'- 6"	---																										

~ 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: BURKE
PROJECT NUMBER: BRF 0269(13)

FILE NAME: I0c412/cos/z10c412schedule.dgn PLOT DATE: 10/14/2014
PROJECT LEADER: J. BYATT DRAWN BY: M. SMITH
DESIGNED BY: S. BEAUMONT CHECKED BY: J. BYATT
REINFORCING STEEL SCHEDULE SHEET 56 OF 73