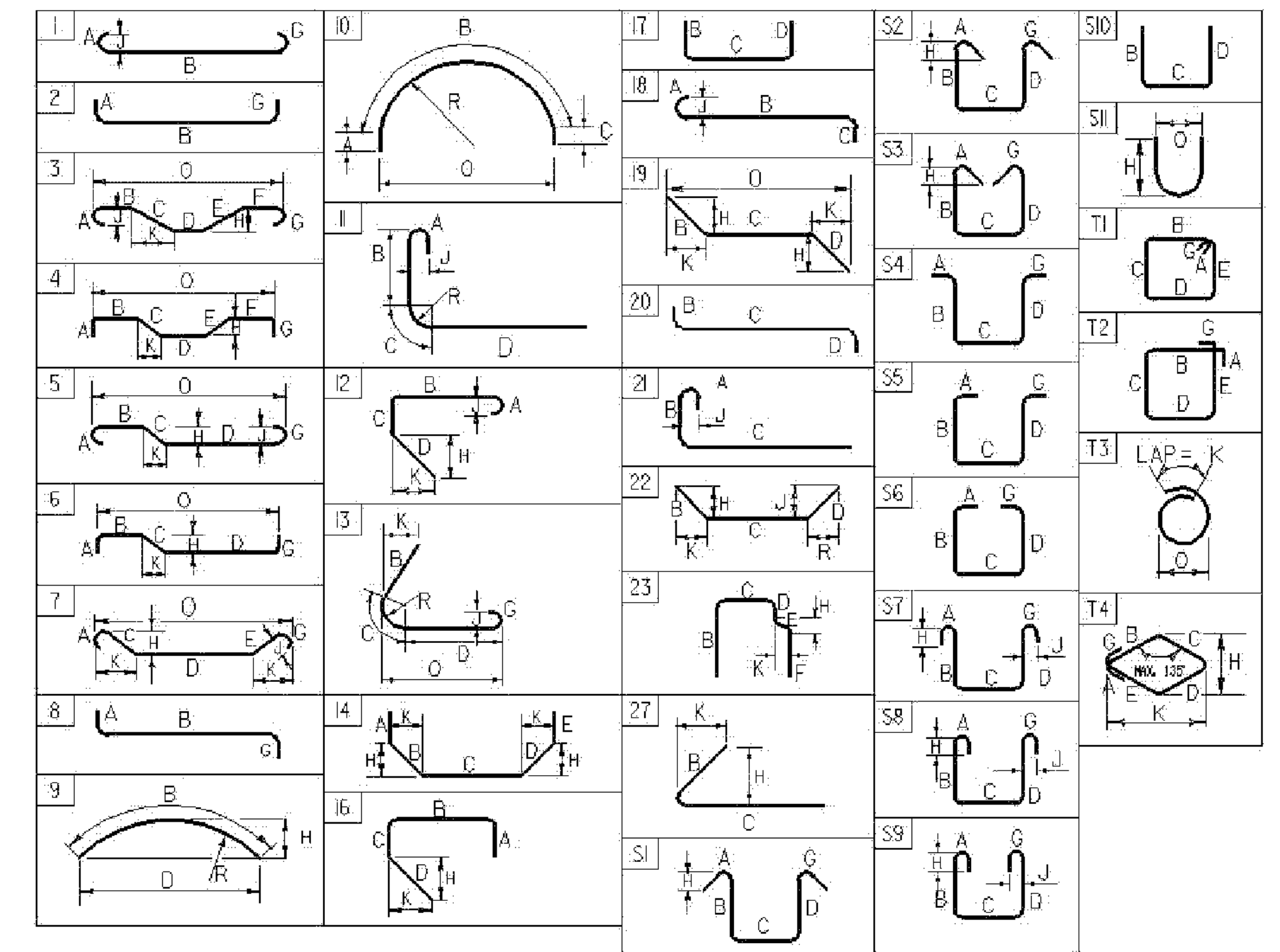


# REINFORCING STEEL SCHEDULE

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>																																			
*	19	5	2'- 6"	1EA501	STR																														
*	9	5	7'- 4"	1EA502	S10		2'- 2"	3'- 0"	2'- 2"																										
<b>ABUTMENT #2</b>																																			
*	95	5	5'- 6"	2A501	STR																														
*	29	5	23'- 9"	2A502	STR																														
	18	5	2'- 6"	2EA503	STR																														
	94	5	4'- 6"	2A504	17		1'- 6"	3'- 0"	---																										
	8	5	5'- 10"	2EA505	S10		2'- 2"	1'- 6"	2'- 2"																										
△	38	8	3'- 6"	2A801	STR																														
<b>SIDEWALK</b>																																			
△	20	5	31'- 6"	ESW501	STR																														
	82	5	3'- 10"	ESW502	S7	0'- 10"	1'- 1"	0'- 10"	---			---	1'- 1"	0'- 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", ASHTO 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 DESIGNA- TION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		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

PROJECT NAME: **CHESTER**  
PROJECT NUMBER: **BRF 025-1(28)**  
FILE NAME: **s84e061excel.dgn**  
PROJECT MANAGER: **C.P.WILLIAMS**  
DESIGNED BY: **R.S.YOUNG**  
BRIDGE 8 REINFORCING STEEL SCHEDULE

PLOT DATE: **9/15/2010**  
DRAWN BY: **D.D.BEARD**  
CHECKED BY: **R.S.YOUNG**  
SHEET **41** OF **124**