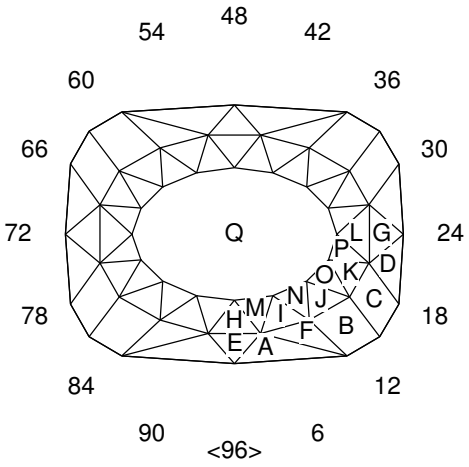
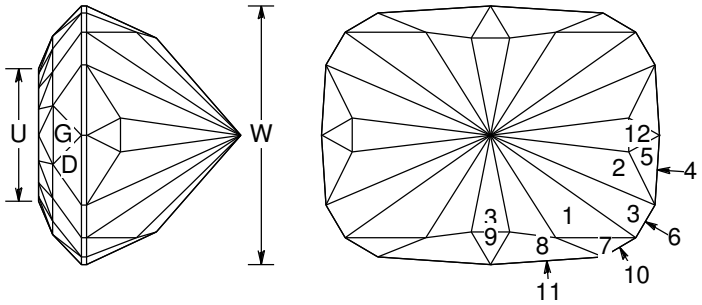
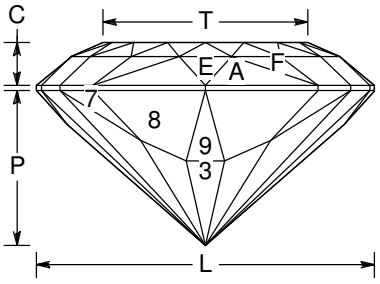




GB Cushion Rectangle

designed by Fred Van Sant
converted to Gemcad by Dan Clayton 2-27-2004
This was the first design made in Gembuilder 5-6-2003
Angles for R.I. = 1.700
93 + 16 girdles = 109 facets
2-fold, mirror-image symmetry
96 index
L/W = 1.308 T/W = 0.792 U/W = 0.514
P/W = 0.597 C/W = 0.167
Vol./W³ = 0.417



PAVILION

1	41.29°	12-36-60-84	Cut to centerpoint, new PCP
2	41.08°	20-28-68-76	meet PCP
3	41.00°	96-06-16-24-32-42-48-54-64-72-80-90	Meet PCP
4	90.00°	23-25-71-73	Set stone length
5	49.11°	23-25-71-73	Meet 3-4-2
6	90.00°	16-32-64-80	level girdle
7	51.16°	08-40-56-88	
8	66.26°	01-47-49-95	
9	65.35°	96-48	
10	90.00°	08-40-56-88	
11	90.00°	01-47-49-95	
12	48.00°	24-72	

CROWN

A	45.38°	01-47-49-95	Set girdle thickness
B	29.84°	08-40-56-88	
C	31.71°	16-32-64-80	
D	41.41°	23-25-71-73	
E	43.63°	96-48	GMP
F	32.89°	04-44-52-92	GMP
G	39.74°	24-72	GMP
H	23.88°	96-48	
I	23.46°	04-44-52-92	
J	22.53°	08-40-56-88	
K	21.33°	16-32-64-80	
L	24.27°	24-72	
M	22.00°	02-46-50-94	
N	21.45°	06-42-54-90	
O	19.29°	12-36-60-84	
P	20.01°	19-29-67-77	
Q	0.00°	Table	

This design was released by Fred into public domain.
P3 is shown by Fred as 4 different tiers which all meet the PCP and are 41 degrees. P3 @ 16-32-64-80, P4 @ 24-72, P5 @ 6-42-54-90 and P6 @ 96-48
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