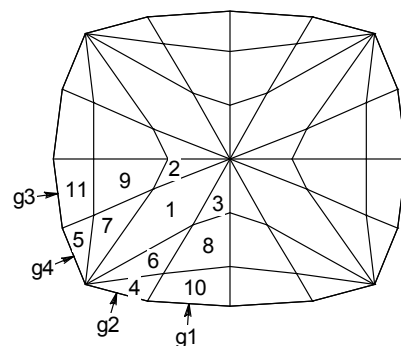
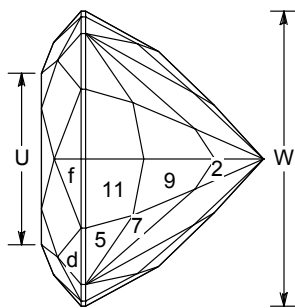
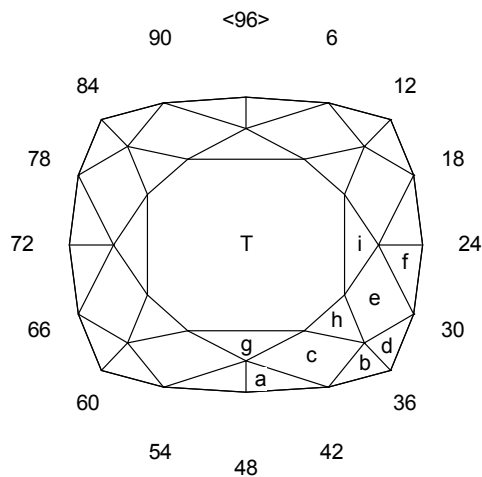




The Queen's Fancy rev.

By Ernie Hawes

Angles for R.I. = 1.760

77 + 16 girdles = 93 facets

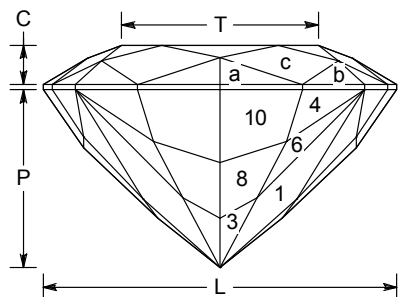
2-fold, mirror-image symmetry

96 index

L/W = 1.198 T/W = 0.667 U/W = 0.581

P/W = 0.602 C/W = 0.133

Vol./W³ = 0.355



PAVILION

1	43.14°	11-37-59-85	Cut to centerpoint
2	39.80°	19-29-67-77	Cut to centerpoint
3	43.43°	04-44-52-92	Cut to centerpoint
g1	90.00°	01-47-49-95	Set girdle width to allow 1.25 ratio
g2	90.00°	04-44-52-92	Meet g1 at line dividing 1 and 3
g3	90.00°	22-26-70-74	Cut length to 1.25 ratio with width
g4	90.00°	18-30-66-78	Meet g3 at line dividing 1 and 2
4	59.51°	04-44-52-92	Cut to juncture g2/g4 and 1
5	54.37°	18-30-66-78	Meet 1 and 4 at juncture g2/g4
6	44.78°	09-39-57-87	Meet at juncture 4/5 and g2/g4
7	44.29°	14-34-62-82	Meet at juncture 4/5 and g2/g4
8	46.48°	03-45-51-93	Meet at juncture 1/3/6
9	44.14°	21-27-69-75	Meet at juncture 1/2/7
10	61.35°	01-47-49-95	Cut to level girdle line
11	55.34°	22-26-70-74	Cut to level girdle line

CROWN

a	40.95°	01-47-49-95	Set girdle thickness
b	35.46°	04-44-52-92	Cut to girdle line
c	33.20°	03-45-51-93	Meet a/b at girdle
d	34.17°	18-30-66-78	Cut to girdle line
e	28.76°	21-27-69-75	Meet d at girdle juncture g3/g4
f	30.97°	22-26-70-74	Cut to girdle line
g	21.77°	96-48	Meet at juncture a/c
h	17.76°	11-37-59-85	Meet at juncture b/c/d/e
i	20.84°	24-72	Meet at juncture e/h and f
T	0.00°	Table	Cut table to juncture c/g/h and e/h/i

Angles are suitable for RI 1.63 - 1.80

OK for tourmaline, topaz, garnet (except pyrope),

chrysoberyl, corundum, and zircon

G:\dvue2\QNFANCYrev.gem