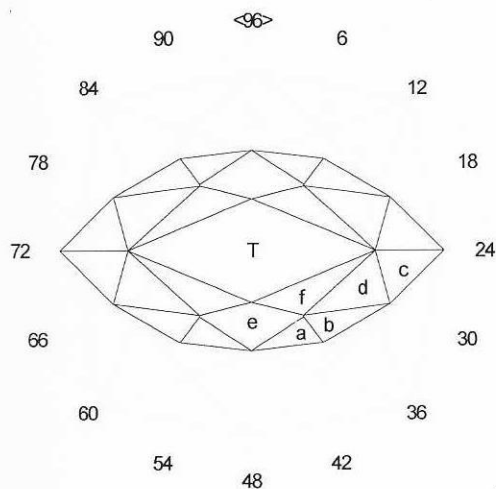


Fiesta Marquise II

By Ernie Hawes

Angles for R.I. = 1.54 - 1.65

43 + 12 girdles = 55 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.892$ $T/W = 1.224$ $U/W = 0.510$

$P/W = 0.463$ $C/W = 0.185$

$Vol./W^3 = 0.395$

PAVILION

1	42.00° 03-45-51-93	Create center point
g1	90.00° 02-46-50-94	Set stone width
2	43.01° 02-46-50-94	Cut to center point created by 1
3	43.83° 08-40-56-88	Meet juncture of 1 & 2 at girdle
g2	90.00° 08-40-56-88	Meet g1 at juncture of 1, 2 & 3
4	42.96° 09-39-57-87	Meet at juncture of 1 & 3 & 3 & g2
5	43.10° 12-36-60-84	Meet at juncture of 3, 4 & g2
g3	90.00° 12-36-60-84	Meet g2 at juncture of 3, 4 & 5

CROWN

a	43.54° 02-46-50-94	Set girdle thickness
b	39.66° 08-40-56-88	Cut to level girdle line with a
c	38.07° 12-36-60-84	Cut to level girdle line with a & b
d	35.62° 09-39-57-87	Meet b & c at the girdle
e	37.00° 96-48	Meet a at the girdle
f	17.50° 06-42-54-90	Meet at the juncture of e & f, a,b,d & e & c & d
T	0.00° Table	Cut level with juncture of e & f & c & d