

Victorian Facetors' Group Inc.

Competition 2024



IMPORTANT

To ensure your Entries are eligible, please refer to the information contained in
the Competitor & Judging Manual No. 8
AND the Special Conditions on page 4 of this Schedule.

INTRODUCTION

(Please Read)

The Victorian Facetors' Group Inc. stages this Competition to provide an opportunity for its competitors to widen their skills of cutting while at the same time being introduced to the higher level of excellence that is only achievable through the competitive nature of Competitions.

All Entrants are encouraged to participate whether you are a complete beginner or even a seasoned competitor. The knowledge gained from entering Competitions is well rewarded and shown by the quality of your stones that you skillfully cut and polish.

There are THREE different Divisions that you may enter depending on your level of skill or whether you have previously won any Lapidary Competitions. A beginner may enter as a NOVICE, the more experienced enter as an INTERMEDIATE or OPEN competitor. To be eligible to compete for the Novice, Intermediate, or Open Trophy Awards, Entrants are encouraged and MUST enter BOTH Sections in the Division that they wish to compete. Therefore, if you are a beginner, you will need to enter both Novice Sections, N.10.1 plus N.10.2, to be eligible for the Trophy, and so on.

Suppose you have previously won as a NOVICE in a Level 3 or higher Competition. In that case, you will need to enter INTERMEDIATE or OPEN when next entering in the same Group (Section) in a Level 3 Competition.

Would you please ask for advice if you are not sure which Division to enter? Alternatively, you may follow this link to the AFLACA website to the latest [AFLACA Winners list](#).

We have tried something a little different in the Open Division by using a Free Form design in section O.10.3. This section has a separate award and the Trophy for that Division. Anyone may enter this section to compete for the 'Rick Parker Perpetual Trophy for the Robert W. Strickland FreeForm Design'.

Please read the Special Conditions for O.10.3 on page 4.

All designs are carefully chosen for this Competition and have been successfully cut using the instructions given. Please note the following: Angles are not judged. However, competitors may vary those supplied within this Schedule, **provided** this does not change the 'meet points' or 'facet indexes'.

All designs except the Free Form Design must be cut according to the diagram; the 'facet position' and 'meet points' must conform to the description. However, 'facet sizes' may alter, if necessary, to achieve 'meet points'. Entrants may vary the cutting sequence if desired.

Entrants are encouraged to learn and study the Rules and Definitions and the Judging Features described in the 'Competitor and Judging Manual Issue No 8' by obtaining their copy to keep as a reference. After all, this is what the Judge uses while assessing your stones, and it also provides the all-important Points Allocation and Judging Sheets used.

Please read and understand the whole Schedule including 'General Conditions' and the 'Special Conditions' on the next two pages, the 'Competition Sections' on page 5, and 'Entry Form' on the last page.

PLEASE NOTE:

Full-size copies of this Schedule, complete with diagrams of all cuts are available 'post free' (within Australia) from the Competition Coordinator.

Please direct all enquiries to the Competition Coordinator:

Graham Young, 49 Salmond Street, Deer Park Victoria 3023.

Email: info@victorianfacetorsgroup.com

Phone: (03) 9363 1803

Mobile: 0487 283 598

GENERAL CONDITIONS:

1. This is a **level 3** Competition. All Judging and Rules shall be as per the Competitor and Judging Manual Issue No 8 published by AFLACA unless otherwise specified under Special Conditions. Copies of Competitor & Judging Manual are available from the VGCA Secretary, PO Box 642, Ringwood Vic 3134.
2. The Competition will contain THREE Divisions - **Novice, Intermediate, & Open**.
3. All Entries **MUST** be cut as listed on the Design Sheets in the Schedule.
4. **Please Note:** Only ONE Entry per Section will be accepted.
5. An Entry Fee of **\$5.00** per Member is payable at the time of sending Entries.
6. Section Numbers reflect the numbers in the AFLACA Manual, and Points Allocations are also as per the Manual.
7. All designs except **O.10.3 Free Form** must be cut as per the diagram, that is the facet position and meet points must conform to the description. However, facet sizes may be altered, if necessary, to achieve meet points. Entrants may vary the cutting sequence if desired.
8. Boxes containing Entries must be clearly marked with the 'Section No', and 'Name of the Gem Material'. The Entrants Name must **NOT** appear on the container but **MUST** be enclosed separately on the entry form for Identification purposes.
9. To be **Eligible**, coloured stones **MUST** be obviously coloured while colourless stones **MUST** show NO sign of Colour. Entries will be checked by viewing through the culet when placed on a piece of white tissue.
10. All Entries with official Entry Form **MUST** be received no later than 26th August 2024 to - Graham Young, 49 Salmond Street, Deer Park Victoria 3023
11. Competitors are responsible for insurance of their Entries. Entries returned by mail are required to include the full cost of return mail with their Entries. If registered mail is required for the return of Entries, then the **total** cost of registered return mail must be included with Entry Form.
12. Entrants wanting confirmation of receipt of entries **MUST** enclose stamped, self-addressed Envelope with Entries, OR provide an Email Address.
13. All Entries will be displayed, and results announced at the Marong Workshop on the 17th of November 2024.
14. Entries, Judging Sheets and Awards will be available for collection on Monday 18th of November 2024. Entries and Awards not collected will be mailed to contestants by the 6th of December 2024.

SECTION AWARDS:

***Each Section will be awarded a Medallion and Certificate for 1st, 2nd, & 3rd Places.**

*(*Where 'Sufficient Entries' and 'Standard' have been received.)*

At the Committee's discretion, where there are insufficient entries in a Section, a **Special Award** may be nominated. And such an award will not exclude a competitor from entering the same section in future competitions. A **Special Award** may also be given where it is deemed unfair to escalate a competitor to a higher level of Competition.

TROPHY AWARDS:

A Certificate and Trophy will be awarded to the Winner in each Division for the **Champion, Novice, Intermediate, and Open Competitors**. A Certificate and Medallion is awarded for the 2nd & 3rd places.

The '**Rick Parker Perpetual Trophy for the Robert W. Strickland Free Form Design**' will be awarded for the winning **Free Form O.10.3** Entry. The Trophy engraved with the Winner's Name will be presented at the Marong Workshop on the 17th of November 2024.

The Winner also receives a Keeper Trophy and Certificate. The Perpetual Trophy will be retained by the V.F.G. and displayed at each Workshop.

A Trophy will be awarded to the Entrant with the **Highest Scoring Entry** regardless of Section or Division entered.

SPECIAL CONDITIONS:

SECTION O.10.3 Free Form

1. Introduction:

This design intends to blend a 'brilliant' pavilion, with a 'step cut' crown using 'barion facets' while allowing the cutter, to maximize the yield and the size of the finished stone. By shaping the girdle outline to best fit the available rough, while also enabling artistic flair to be incorporated into the outline shape, thus you'll be creating a totally unique faceted stone.

The included cutting diagram shows an example created using this technique. The method provided in the cutting instructions and diagram gives the 'recipe' to cut your unique stone.

The example diagram represents one of many possibilities for this Free Form. The faceter chooses how many girdle facets they want, and this obviously will affect the final shape of the stone. Therefore, each Free Form pavilion will have 8 'main facets' and 16 'break facets'. You may have any number of 'girdle facets'. However, the number of 'barion facets' must equal the number of 'girdle facets'.

2. Eligibility:

To be eligible, the stone MUST be cut using the 'recipe' supplied, while the index of each and the number of 'girdle facets' along with the 'table' size, so long as distinguishable, is at the cutter's discretion.

The stone must be of a Free Form shape. Therefore, the outline must be an irregular, non-symmetrical, and non-mirror symmetry in shape.

An Entrant may only 'win' this section using a stone, cut to the supplied diagram, in **ONE** Competition only. All other Entries by the Entrant, in subsequent Competitions, MUST be cut obviously different.

3. Judging:

The stone will be judged using a specially modified 'Section 10 – Modified Standard Cuts' 'judging sheet', that is included in this Schedule.

4. Points Re-Allocation:

Points usually allocated to 'Outline of Girdle' and 'Facets Uniform' in this 'Group', will be re-allocated to a new 'Judging Feature', 'Aesthetic Appeal', and will be judged in accordance with D3.1 & D3.20 of the 'Competitor & Judging Manual, issue No 8'.

5. Winning of the Trophy:

Winning of the Trophy would be achieved by the Entry with the highest points.

If there is a tie of 2 or more 'Entries', the 'Entry' with the highest 'Aesthetic Appeal' points would win.

If there are two or more tied 'Entries' with the same 'Aesthetic Appeal' points, the stone with the greatest measured plan view 'L to W' ratio would win.

6. Meet Points:

Only the specified 'meet points' will be judged, and points will be as allocated to 'Meets Pointing Up'. The 'meet points' that will be judged are: -

Pavilion:

All 8 'pavilion' 'mains' at the 'culet'. = 1 'meet point'.

Each 'pavilion' 'main' at the relevant 'barion' or 'girdle facet'. = 8 'meet points'.

Each 'girdle facet' to each 'barion facet', one end only. = 1 'meet point' per 'girdle facet'.

Crown:

Each 'girdle facet' to each 'crown step facet', **AND** each 'crown step facet' to the adjacent 'crown step facet', one end only. Total = 3 'meet points' per 'girdle facet'.

*Depending on the geometry of the stone, created by the cutter, additional 'pavilion' 'meet points' may be created, **BUT** these will not be judged.*

Competition Sections:

Novice:

Section N.10.1	"TRIFOIL CUT"
Material:	Topaz, Colourless
Minimum Size:	7 mm, on Shortest Axis.
Section N.10.2	"Square Cushion.. (030.GEM)"
Material:	MM Corundum, Coloured.
Minimum Size:	7 mm, on Shortest Axis.

Intermediate:

Section I.9B	"Standard Square Step Cut with Cut Corners"
Material:	Quartz, Coloured.
Minimum Size:	7 mm, on Shortest Axis.
Section I.10	"Twelve Easy Oval"
Material:	MM Corundum, Coloured.
Minimum Size	7 mm, on Shortest Axis.

Open:

Section O.8A	"Standard Brilliant - Continuous Girdle"
Material:	Quartz, colourless
SPECIFIED SIZE***	12 mm.
Section O.10.1	"Oval Brilliant"
Material:	MM Corundum, Coloured.
Minimum Size	10 mm, on Longest Axis.
Section O.10.3	"Free Form"
Material:	MM or Natural Quartz, Coloured or Colourless.
Minimum Size:	10 mm, on Longest Axis.

Trophies:

Rick Parker Perpetual Trophy for the Robert W. Strickland Free Form Design:

The Entrant with the 'Highest Scoring Entry' in Open Free Form Section O.10.3

Winning of the Trophy would be achieved by the Entry with the highest points.

If there is a tie of 2 or more 'Entries', the 'Entry' with the highest 'Aesthetic Appeal' points would win.

If there are two or more tied 'Entries' with the same 'Aesthetic Appeal' points, the stone with the greatest measured plan view 'L to W' ratio would win.

Division Champion Trophies:

To be eligible to compete for the Novice, Intermediate, or Open Trophy Awards, Entrants MUST enter BOTH Sections in the Division that they wish to enter. Each Division Trophy will consist of two stones, the Judge's points are added together, and the competitor with the highest points for the two stones will win the Trophy. In the case of a tied score, the Entrant with the highest scoring Entry shall be deemed the winner.

Novice Champion:

The Entrant with the 'Highest Aggregate Score' in Novice Sections N.10.1 & N.10.2

Intermediate Champion:

The Entrant with the 'Highest Aggregate Score' in Intermediate Sections I.9B & I.10

Open Champion:

The Entrant with the 'Highest Aggregate Score' in Open Sections O.8A & O.10.1

Highest Scoring Entry:

The Entrant with the 'Highest Scoring Entry' in any Section regardless of Division or Section.

In the case of a tied score, the Entrant with the highest scoring 'Meets' shall be deemed the Winner.

Section 10 - MODIFIED STANDARD CUTS - FREE FORM****

(**Note:** For use with 'Free Form' Designs Only.)

JUDGES SECTION No.
 ENTRY No.
 DESCRIPTION SIZE
 HEIGHT Max GIRDLE WIDTH DIAGONAL
 No. of Facets No. of Meets

Aesthetic Appeal/Creativity (Refer D3.1 - p 19 and D3.20 - p 21)

(2nd Judge)			(1st Judge)	
Artistry and Beauty	.....(.....)	10		.....
Balance/Design/Creativity	.....(.....)	10		.....
Visual Effect	.....	6		
Table Parallel to Girdle Plane	.....	3		
Meets Pointing Up	.....	19		
Facet Edges Sharp	.....	6		
Facet Surfaces True	.....	6		
Scratches	.....	10		
Polish	.....	10		
Chips	.....	7		
Flaws	.....	4		
Girdle Uniform	.....	5		
Girdle Too Wide	.....	3		
Foreign Surface Material	.....	1		
TOTAL POSSIBLE		100		

Fold under before
2nd judging of AA

******Judging of Free Form: Only the specified 'meet points' will be judged and points will be as allocated to 'Meets Pointing Up'. The 'meet points' that will be judged are: -**

Pavilion:

All 8 'pavilion' 'mains' at the 'culet'. = 1 meet point.
 Each 'pavilion' 'main' at the relevant 'barion' or 'girdle facet'. = 8 meet points.
 Each 'girdle facet' to each 'barion facet', one end only. = 1 meet point per 'girdle facet'.

Crown:

Each 'girdle facet' to each 'crown step facet' **AND** each 'crown step facet' to the adjacent 'crown step facet', one end only. Total = 3 meet points per 'girdle facet'.

*Depending on the geometry of the stone, created by the cutter, additional 'pavilion' 'meet points' may be created **BUT** these will not be judged.*

JUDGE COMMENTS

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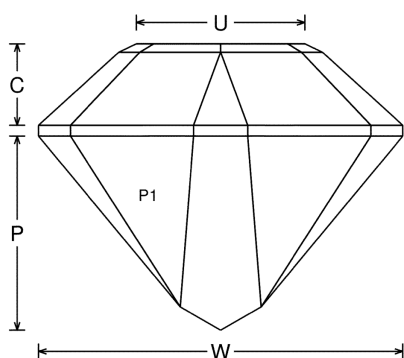
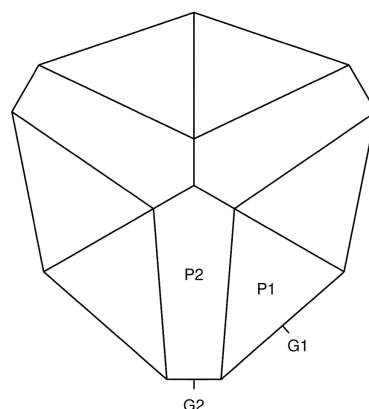
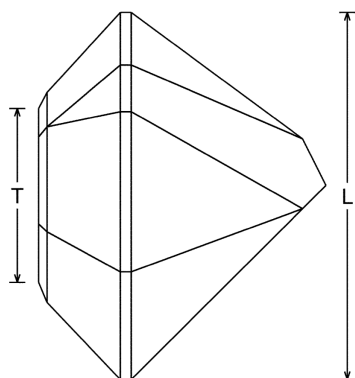
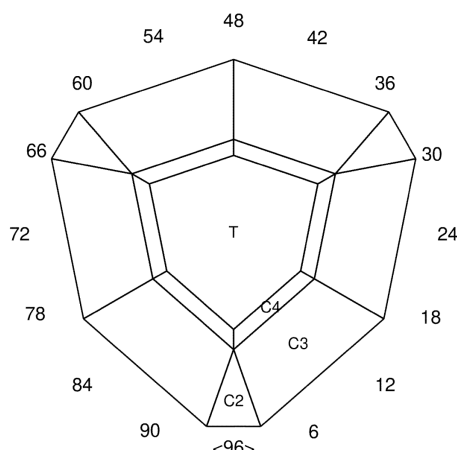
JUDGE SIGNATURE DATE

Refer to AFLACA Competitor & Judging Manual No. 8 (Issued April 2015)

VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION N.10.1

Material: Topaz, colourless
 Minimum Size: 7mm, on shortest axis
 Facets: 34 Meets: 27 (crown: 15 pavilion: 12)



TRIFOIL CUT

By Jack I McLelland
 Glenn & Martha Vargas - Diagrams for Faceting Vol 2, p65
 Computer Work by Rick Parker, for V.F.G.
 Angles for R.I. = 1.610
 25 + 9 girdles = 34 facets
 3-fold mirror-image symmetry
 96 index
 $L/W = 1.011$ $T/W = 0.479$ $U/W = 0.463$
 $P/W = 0.534$ $C/W = 0.224$
 $Vol./W^3 = 0.262$

Pavilion

P1	55.00	11-21-43-53-75-85
PF1	50.30	{96-32-64}
G1	90.00	11-21-43-53-75-85
G2	90.00	96-32-64
P2	45.00	96-32-64

TCP
 meet @ TCP - NOTE 1
 set stone size
 level girdle
 meet @ girdle - PCP - NOTE 1

Crown

C1	44.70	{11-21-43-53-75-85}
C2	43.50	96-32-64
T	0.00	Table
C3	44.00	11-21-43-53-75-85
C4	29.00	11-21-43-53-75-85

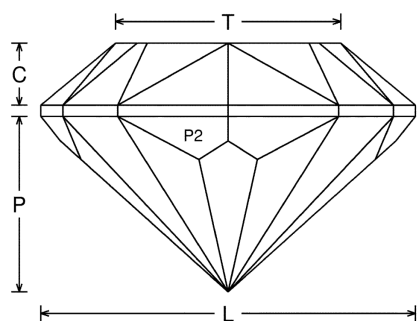
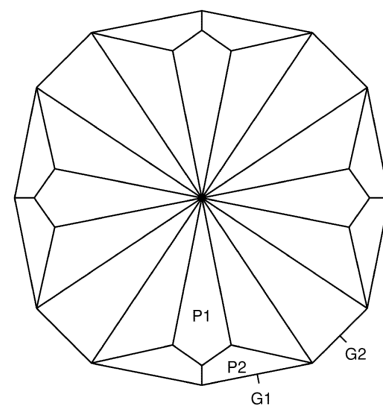
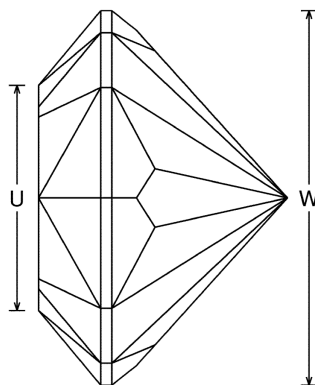
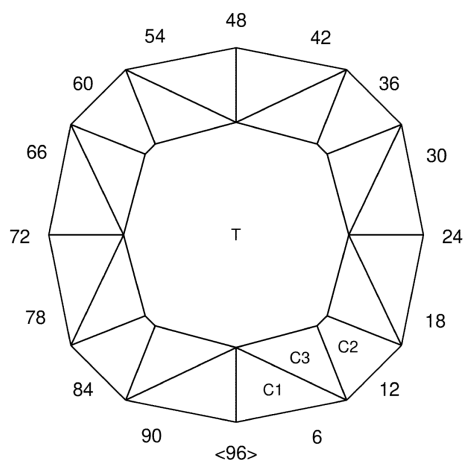
set girdle width - NOTE 2
 level girdle
 meet C1 C2
 meet at girdle - NOTE 2
 meet C2 C3

NOTE 1. PF1 is used to generate the outline shape and is later cut off by P2.
 NOTE 2. C1 is used to generate a meet point for cutting the Table and is later cut off by C3.
 These cutting instructions accurately achieve the intended stone proportions using meet point methods.

VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION N.10.2

Material: MM Corundum, coloured
 Minimum Size: 7mm, on shortest axis
 Facets: 57 Meets: 29 (crown: 16 pavilion: 13)



Square Cushion.. (030.GEM)

Reverse Cut Crown
 Computer Work by Rick Parker, for V.F.G.
 Angles for R.I. = 1.760
 45 + 12 girdles = 57 facets
 4-fold mirror-image symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.601$ $U/W = 0.601$
 $P/W = 0.469$ $C/W = 0.166$
 $Vol./W^3 = 0.244$

Pavilion

P1	42.00	96-06-12-18-24-30-36-42-48-54-60-66-72-78-84-90	PCP
G1	90.00	03-21-27-45-51-69-75-93	set stone size - girdle not level
G2	90.00	12-36-60-84	meet P1 @ G1
P2	52.00	03-21-27-45-51-69-75-93	meet P1 G1 G2 - level girdle

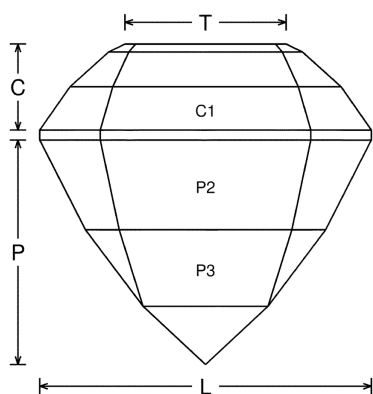
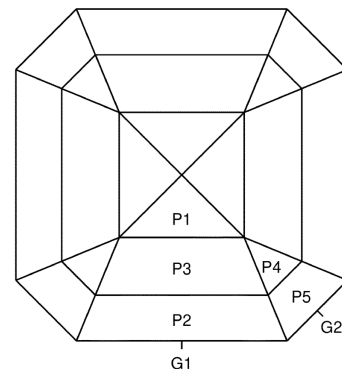
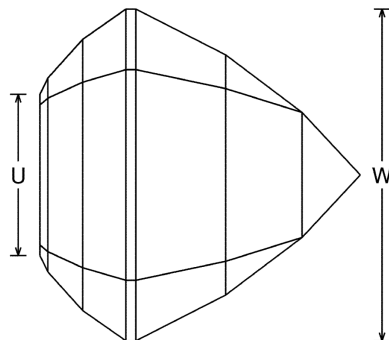
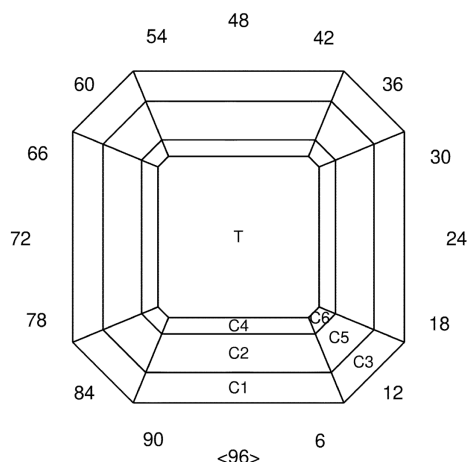
Crown

C1	40.30	03-21-27-45-51-69-75-93	set girdle width - girdle not level
C2	40.20	12-36-60-84	level girdle
C3	38.00	04-20-28-44-52-68-76-92	meet C1 C2 @ girdle
T	0.00	Table	meet C1 C2

VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION I.9B

Material: Quartz, coloured
 Minimum Size: 7mm, on shortest axis
 Facets: 53 Meets: 45 (crown: 24 pavilion: 21)



Standard Square Step Cut with Cut Corners

Computer Work by Rick Parker, for V.F.G.
 Angles for R.I. = 1.540
 45 + 8 girdles = 53 facets
 4-fold mirror-image symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.486$ $U/W = 0.486$
 $P/W = 0.677$ $C/W = 0.259$
 $Vol./W^3 = 0.457$

Pavilion

P1	43.00	96-24-48-72
G1	90.00	96-24-48-72
P2	63.00	96-24-48-72
P3	53.00	96-24-48-72
P4	53.00	12-36-60-84
P5	63.00	12-36-60-84
G2	90.00	12-36-60-84

PCP
 set stone size
 cut until a bit wider than P1
 cut until wider than P1 and narrower than P2
 meet P1 P3
 meet P2 P3 P4
 level girdle

Crown

C1	55.00	96-24-48-72
C2	42.00	96-24-48-72
C3	55.00	12-36-60-84
C4	26.00	96-24-48-72
C5	42.00	12-36-60-84
T	0.00	Table
C6	26.00	12-36-60-84

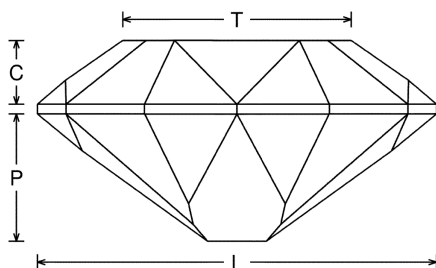
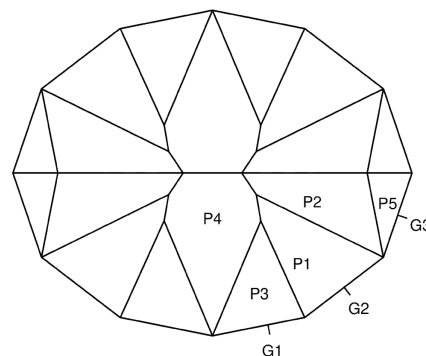
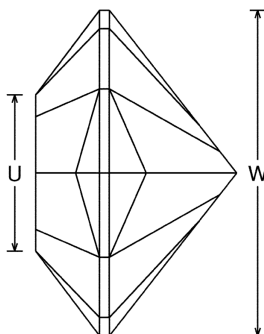
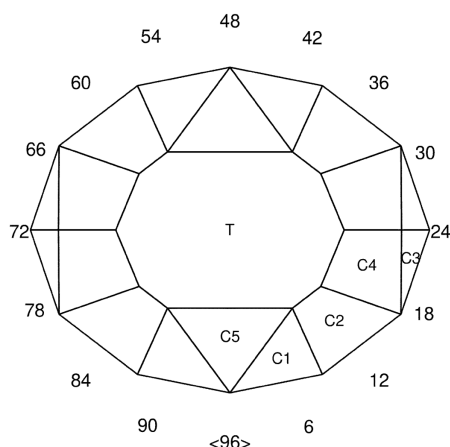
set girdle width
 meet C1 G2
 level girdle
 meet C2 C3
 meet C1 C2 C3
 meet C4 C5
 meet C2 C4 C5

This version of this design has been simplified as follows:
 Most of the Pavilion is 'cut by eye', using facet widths as a guide.
 The Crown uses a simple meetpoint sequence.

VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION I.10

Material: MM Corundum, coloured
 Minimum Size: 7mm, on shortest axis
 Facets: 49 Meets: 34 (crown: 18 pavilion: 16)



Twelve Easy Oval

by George Beard
 Facet Talk, Nov-Dec 1999, pg 27
 Computer Work by Rick Parker, for V.F.G.
 Angles for R.I. = 1.760
 37 + 12 girdles = 49 facets
 2-fold mirror-image symmetry
 96 index
 $L/W = 1.225$ $T/W = 0.701$ $U/W = 0.480$
 $P/W = 0.391$ $C/W = 0.196$
 $Vol./W^3 = 0.276$

Pavilion

P1	41.00	10-38-58-86	TCP
P2	38.00	18-30-66-78	meet @ TCP
PF1	42.90	{03-45-51-93}	meet @ TCP - NOTE 1
G1	90.00	03-45-51-93	set stone width
G2	90.00	10-38-58-86	level girdle
G3	90.00	19-29-67-77	meet P1 P2 G2 - girdle not level
P3	41.00	03-45-51-93	meet at girdle - NOTE 1
P4	38.00	96-48	meet @ girdle
P5	41.00	19-29-67-77	level girdle

Crown

C1	42.00	03-45-51-93	set girdle width
C2	42.00	10-38-58-86	level girdle
C3	42.00	19-29-67-77	level girdle
C4	37.00	18-30-66-78	meet @ girdle
C5	37.00	96-48	meet @ girdle
T	0.00	Table	meet C1 C2 C5

NOTE 1. PF1 is used to generate the outline shape and is later cut off by P3.
 These cutting instructions accurately achieve the intended stone proportions using meet point methods.

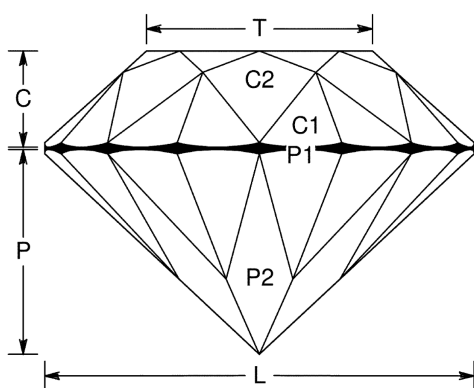
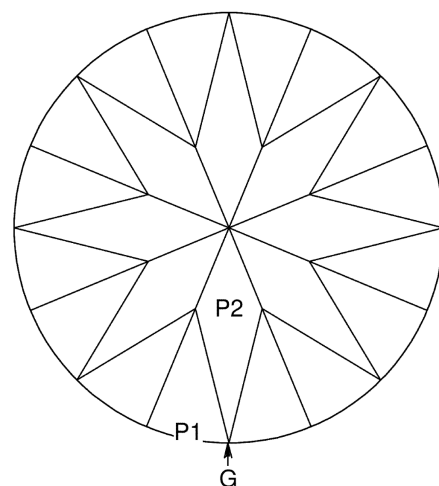
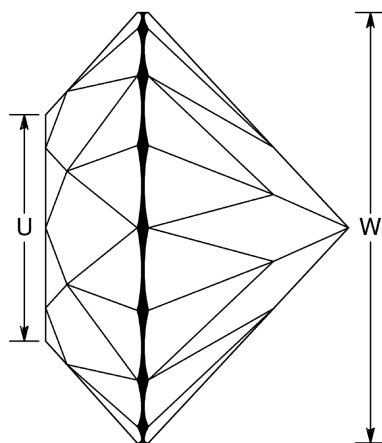
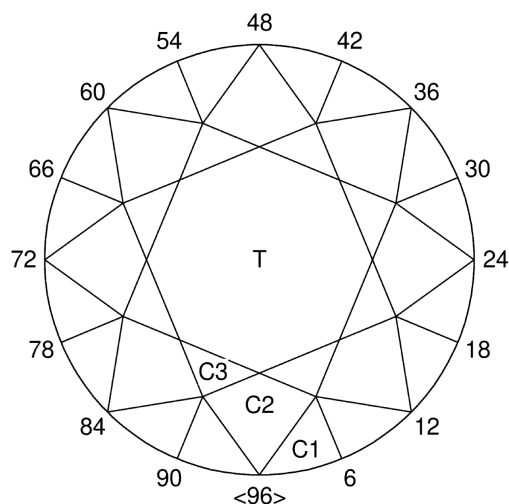
VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION O.8A

Material: Quartz, colourless

Specified Size: 12mm

Facets: 58 Meets: 41 (crown: 24 pavilion: 17)



Standard Brilliant - Continuous Girdle

Computer Work by Rick Parker, for V.F.G.

Angles for R.I. = 1.540

57 + 1 girdle = 58 facets

8-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.527$ $U/W = 0.527$

$P/W = 0.476$ $C/W = 0.223$

$Vol./W^3 = 0.245$

PAVILION

P1 45.00° 03-09-15-21-27-33-39-45- TCP
51-57-63-69-75-81-87-93

G 90.00° cut to size 'rolled girdle'

P2 43.00° 96-12-24-36-48-60-72-84 meet P1-P1 at girdle, PCP

CROWN

C1 47.00° 03-09-15-21-27-33-39-45- set girdle width
51-57-63-69-75-81-87-93

C2 42.00° 96-12-24-36-48-60-72-84 meet C1-C1 at girdle

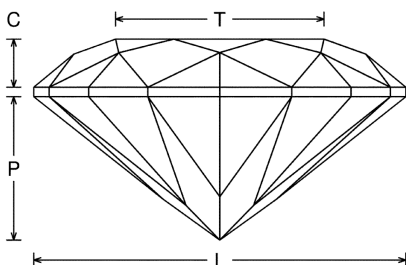
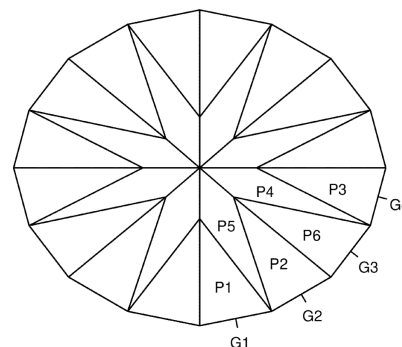
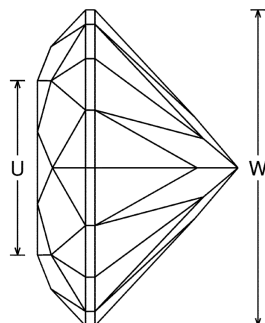
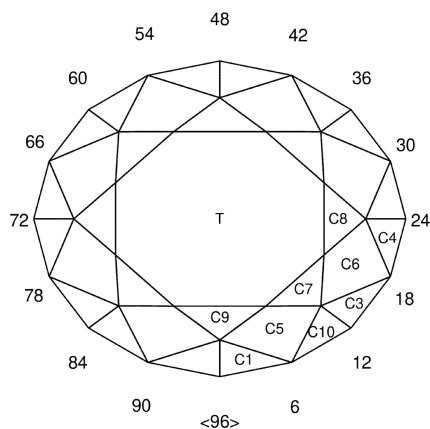
C3 26.00° 06-18-30-42-54-66-78-90 meet C2-C2-C1-C1

T 0.00° Table meet C3-C3-C2

VICTORIAN FACETORS' GROUP COMPETITION 2024

SECTION O.10.1

Material: MM Corundum, coloured
 Minimum Size: 10mm, on longest axis
 Facets: 73 Meets: 57 (crown: 32 pavilion: 25)



Oval Brilliant

Computer Work by Rick Parker, for V.F.G.
 Angles for R.I. = 1.760
 57 + 16 girdles = 73 facets
 2-fold mirror-image symmetry
 96 index
 $L/W = 1.181$ $T/W = 0.662$ $U/W = 0.553$
 $P/W = 0.454$ $C/W = 0.152$
 $Vol./W^3 = 0.257$

Pavilion

P1	43.60	03-45-51-93
P2	42.60	08-40-56-88
PF1	40.80	{14-34-62-82}
P3	39.30	20-28-68-76
G1	90.00	03-45-51-93
G2	90.00	08-40-56-88
G3	90.00	14-34-62-82
G4	90.00	20-28-68-76
P4	38.70	17-31-65-79
P5	42.02	05-43-53-91
P6	40.73	14-34-62-82

TCP
 meet @ TCP
 meet @ TCP - NOTE 1
 meet @ TCP
 set stone width
 level girdle
 level girdle
 level girdle
 meet @ girdle - PCP
 meet @ girdle and PCP - NOTE 2
 recut PF1 to achieve P2 P4 P5 meet - NOTE 1

Crown

C1	43.90	03-45-51-93
C2	45.20	{08-40-56-88}
C3	42.60	14-34-62-82
C4	40.50	20-28-68-76
C5	38.00	05-43-53-91
C6	34.80	17-31-65-79
C7	20.70	11-37-59-85
C8	19.70	24-72
T	0.00	Table
C9	21.67	96-48
C10	45.11	08-40-56-88

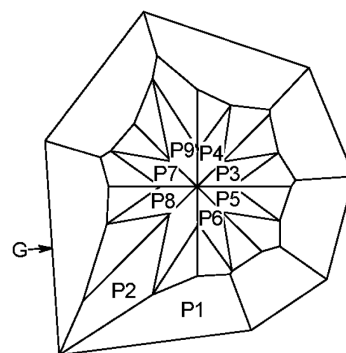
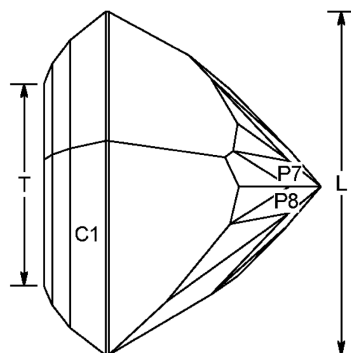
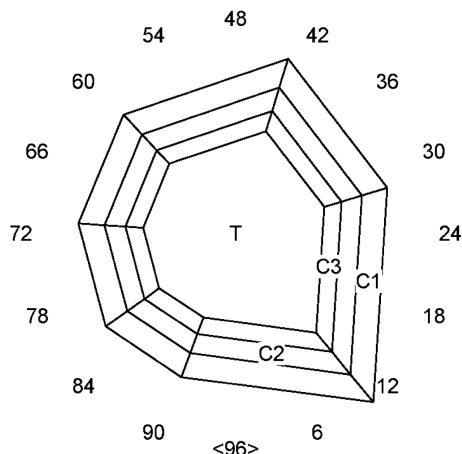
set girdle width
 level girdle - NOTE 3
 level girdle
 level girdle
 meet @ girdle
 meet @ girdle
 meet C2 C3 C5 C6 - NOTE 3
 meet C4 C6
 meet C6 C7 C8
 meet C1 C5 & C5 C7 T - NOTE 2
 recut C2 to achieve C3 C5 C6 C7 meet - NOTE 3

NOTE 1. PF1 is used to generate the outline shape and is later recut by P6.
 NOTE 2. Cheat angle to achieve both meets.
 NOTE 3: C2 is used to level the girdle and is later recut by C10. C7 will not quite meet C2.

VICTORIAN FACETORS' GROUP COMPETITION 2024

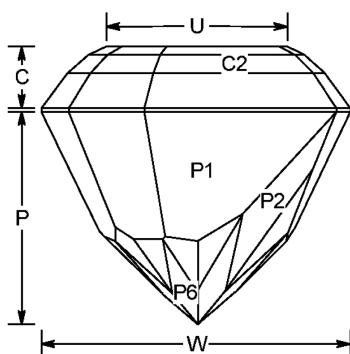
SECTION O.10.3

Material: MM or Natural Quartz, Colourless or Coloured
 Minimum Size: 10mm, on longest axis
 Facets: 25+#Gx5 Meets: 9+4x#G (crown: 3x#G, pavilion: 9+#G)



Free Form

Concept by Robert W. Strickland
 Computer work by Rick Parker for V.F.G.
 Angles for R.I. = 1.540
 53 + 7 girdles = 60 facets
 1-fold radial symmetry
 96 index
 $L/W = 1.112$ $T/W = 0.652$ $U/W = 0.586$
 $P/W = 0.687$ $C/W = 0.200$
 $Vol./W^3 = 0.372$



PAVILION

G	90.00°	02-09-20-30-43-62-73	cut as many as desired at a constant mast height. record index's.
P1	65.00°	02-09-20-30-43-62-73	cut all with constant mast height using index's as recorded, level girdle.
P2	45.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	cut all with constant mast height. depth to meet first G G P1 P1, TCP.
P3	43.00°	30	cut all 8 facets at index's 6, 18, etc, depth to meet first P1 P2 P2, PCP.
P4	43.01°	42	Note 1.
P5	43.02°	18	
P6	43.05°	06	
P7	43.09°	66	
P8	43.14°	78	
P9	43.36°	54-90	

CROWN

C1	55.00°	23-34-53-66-76-87-94	meet G G C1 C1, index's transposed from pavilion, set girdle width.
C2	42.00°	23-34-53-66-76-87-94	meet C1 C1 C2 C2, width by eye.
C3	26.60°	23-34-53-66-76-87-94	meet C2 C2 C3 C3, width by eye.
T	0.00°	Table	cut by eye.

Note 1.

After cutting all P3 facets at the same mast height while achieving one P3 meeting at P1-P2-P2 and generating the PCP, cheat each other P3 angle to achieve its meet at P1-P2-P2 while retaining the PCP.
 Previous meets created between P2 P2 P3 P3 will be lost.

Competition 2024

Entry Form

Name: (Miss. Mrs. Ms. Mr.) (Please enter Full Name)

Address:

Suburb: State: Postcode:

Club: Email: Phone:

Section	Tick	Section	Tick	Section	Tick
N.10.1		I.9B		O.8A	
N.10.2		I.10		O.10.1	
				O.10.3	

INSTRUCTIONS

1. Decide which Section/s you are going to enter by 'ticking' the appropriate box/boxes above.
2. Ensure that your Entry/Entries are clearly marked with the Section Number & Name of Material.
3. Enclose your \$5.00 EntryFee.
4. Complete the Declaration below, then send your Entry/Entries with this Form to:

Graham Young, 49 Salmond Street, Deer Park Victoria 3023.

To Arrive no later than 26th of August 2024

(Please read Clause 11 on page 3 for return postage if required.)

I do declare that my Entries are all my own work and have not won a First Place in any Competition at the same Level and Division or higher.

Entrant's Signature: Date:

(Office use only.)

Received: Checked: Code: Weight: Photo: