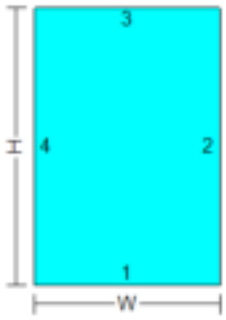
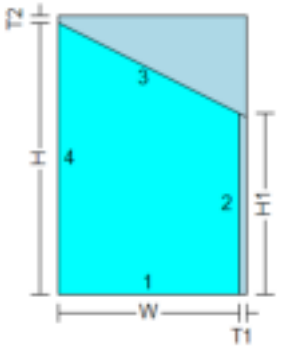
BLUESTAR

Shape Catalog

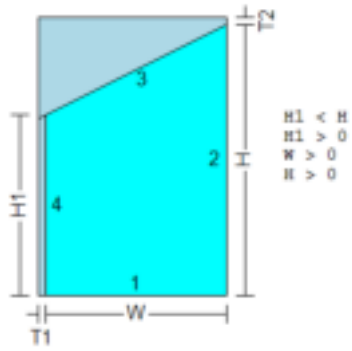
RECTANGLE



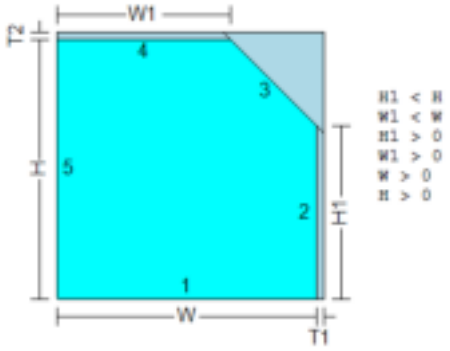
SHAPE 1



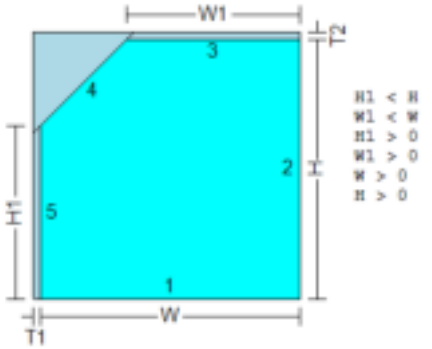
SHAPE 2



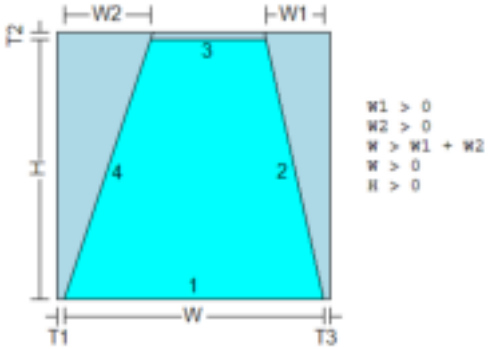
SHAPE 3



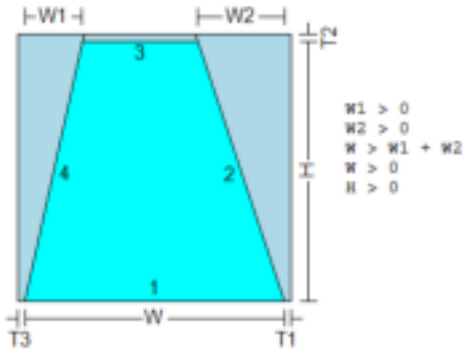
SHAPE 4



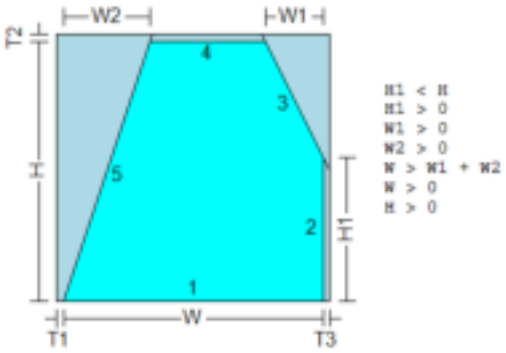
SHAPE 5



SHAPE 6



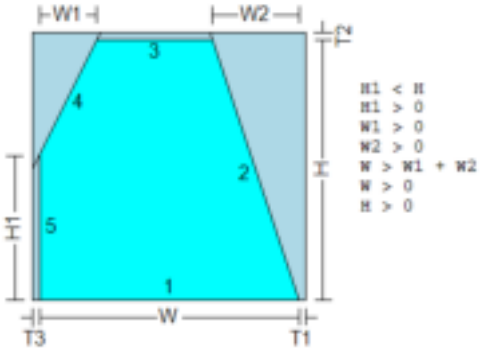
SHAPE 7



Dimensions listed to the right of each shape must be provided by customer.

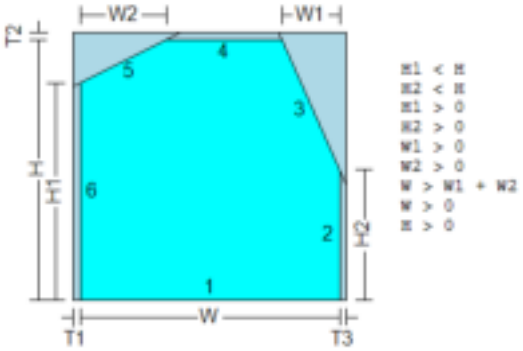
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 8



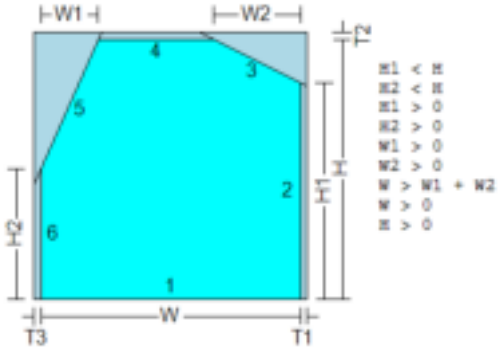
H1 < H
H1 > 0
W1 > 0
W2 > 0
W > W1 + W2
W > 0
H > 0

SHAPE 9



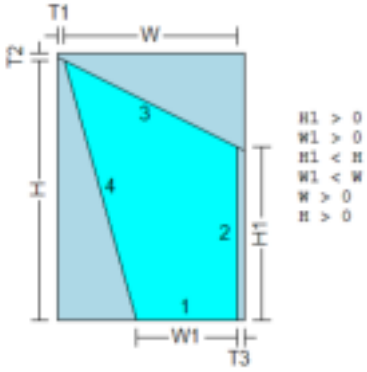
H1 < H
H2 < H
H1 > 0
H2 > 0
W1 > 0
W2 > 0
W > W1 + W2
W > 0
H > 0

SHAPE 10



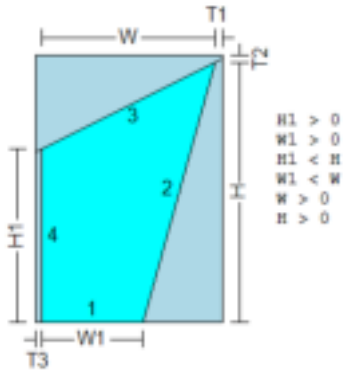
H1 < H
H2 < H
H1 > 0
H2 > 0
W1 > 0
W2 > 0
W > W1 + W2
W > 0
H > 0

SHAPE 11



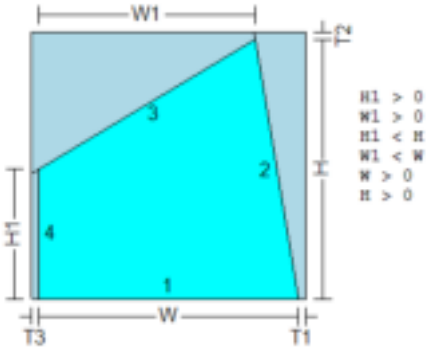
H1 > 0
W1 > 0
H1 < H
W1 < W
W > 0
H > 0

SHAPE 12



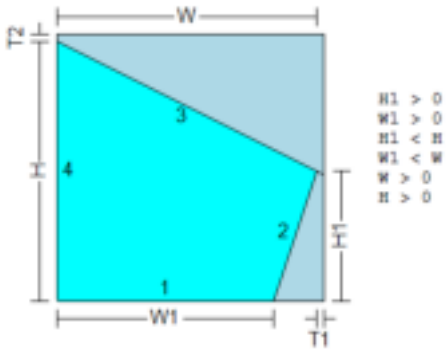
H1 > 0
W1 > 0
H1 < H
W1 < W
W > 0
H > 0

SHAPE 13



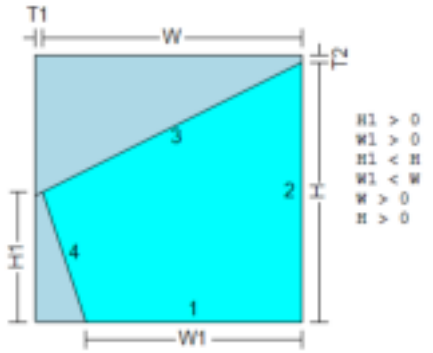
H1 > 0
W1 > 0
H1 < H
W1 < W
W > 0
H > 0

SHAPE 14



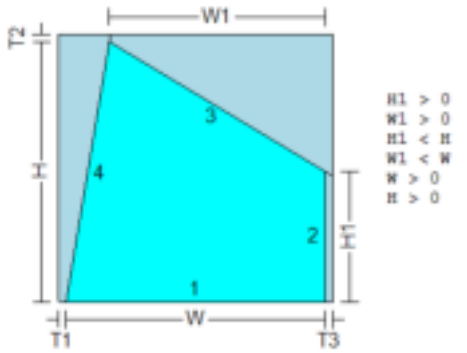
H1 > 0
W1 > 0
H1 < H
W1 < W
W > 0
H > 0

SHAPE 15

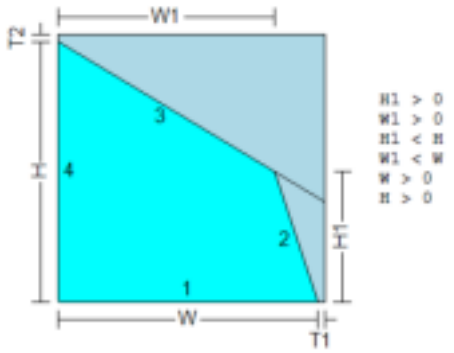


H1 > 0
W1 > 0
H1 < H
W1 < W
W > 0
H > 0

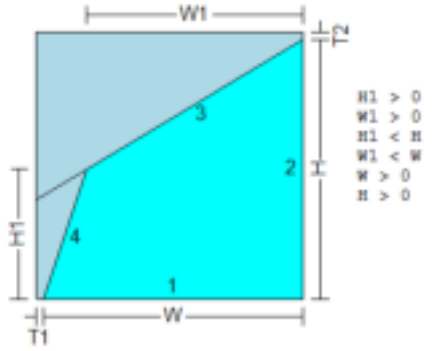
SHAPE 16



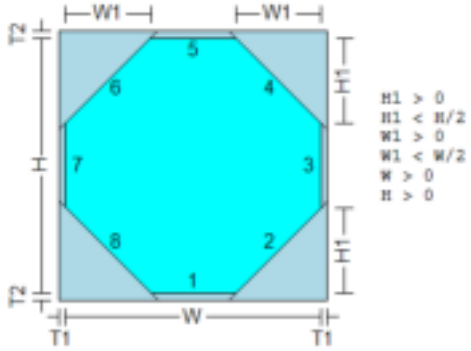
SHAPE 17



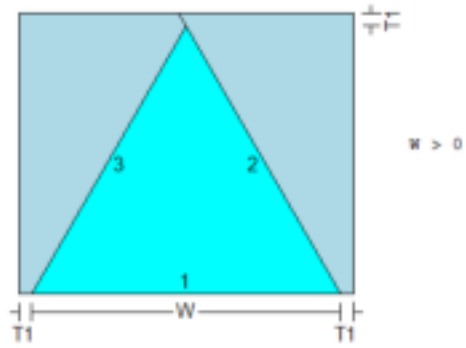
SHAPE 18



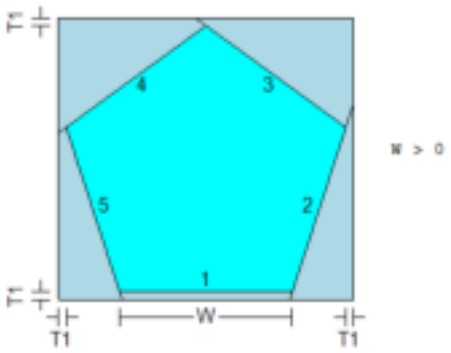
SHAPE 19



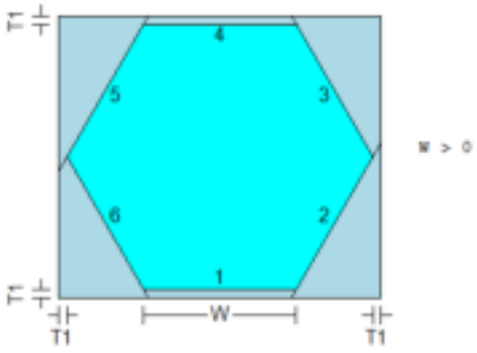
SHAPE 20



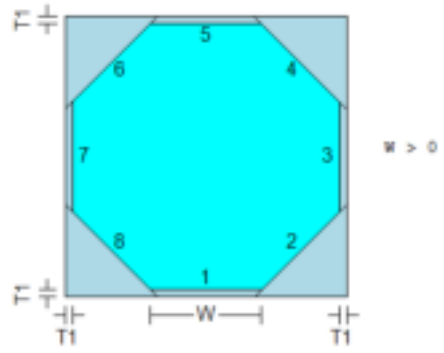
SHAPE 21



SHAPE 22



SHAPE 24



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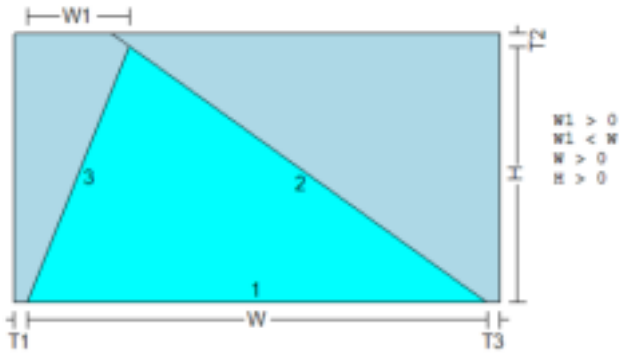
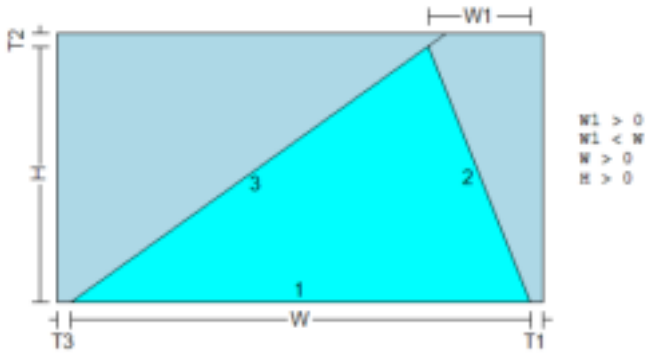
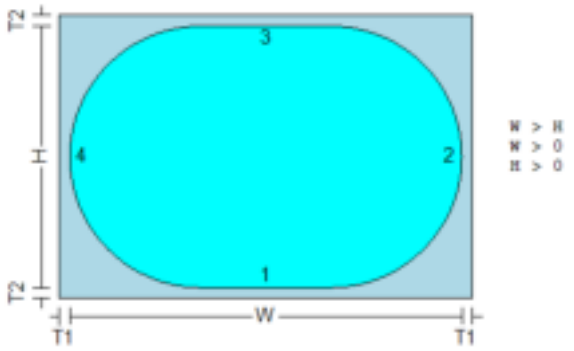
SHAPE 25



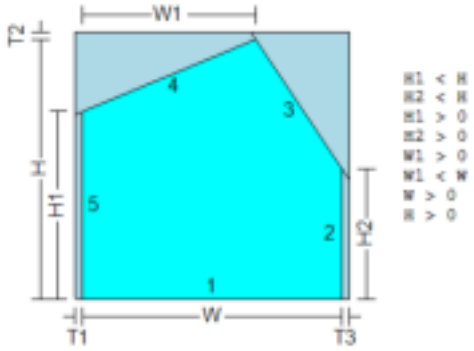
SHAPE 26



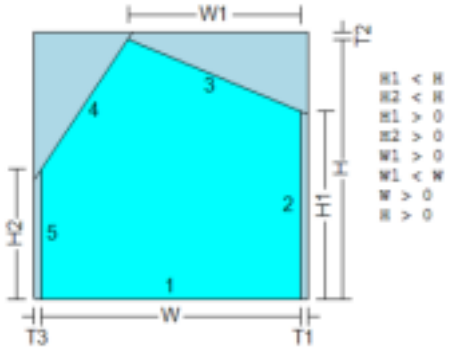
SHAPE 29



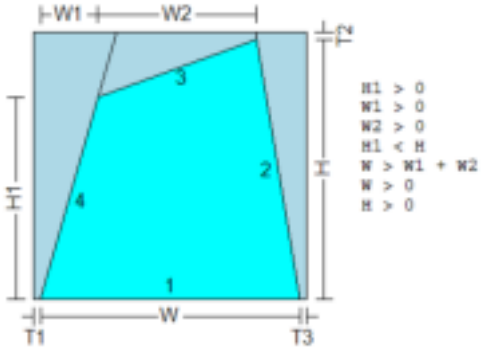
SHAPE 37



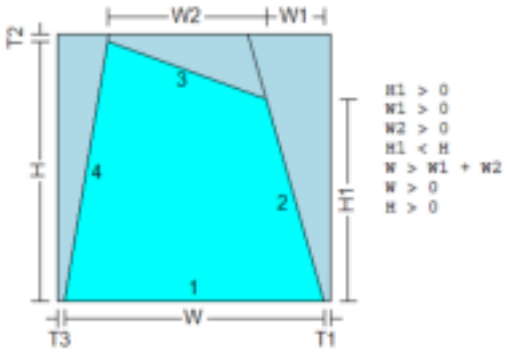
SHAPE 38



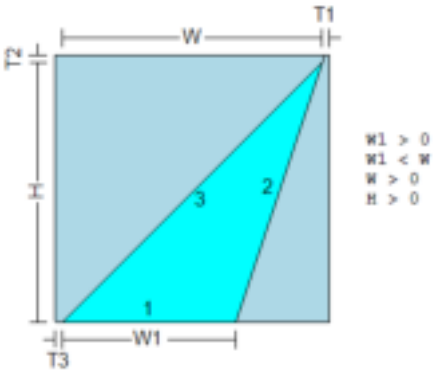
SHAPE 39



SHAPE 40



SHAPE 41



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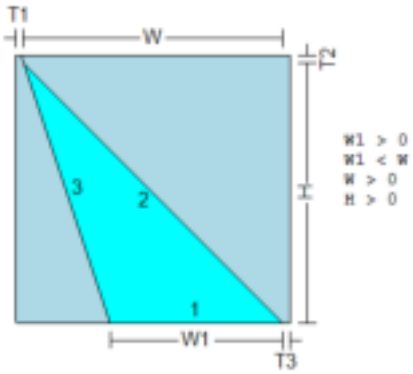
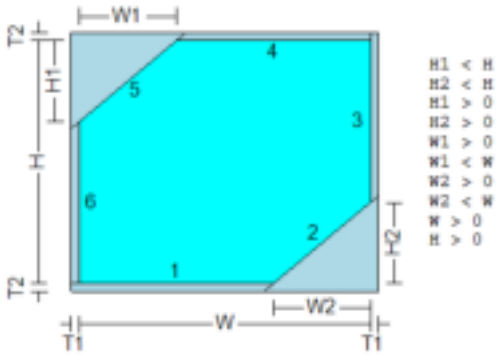
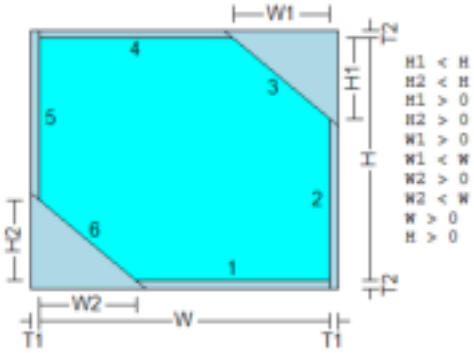
SHAPE 42



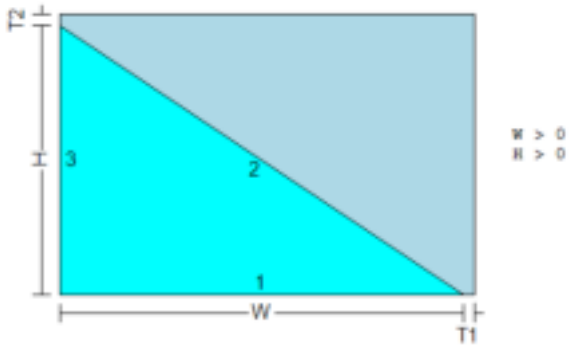
SHAPE 43



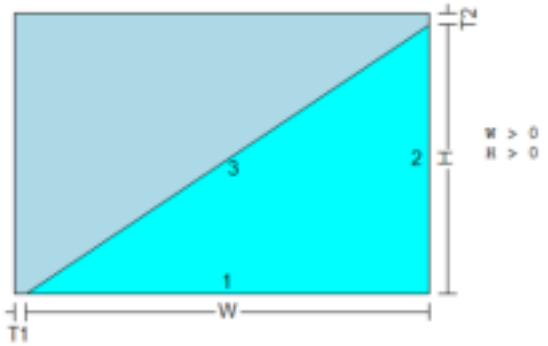
SHAPE 44



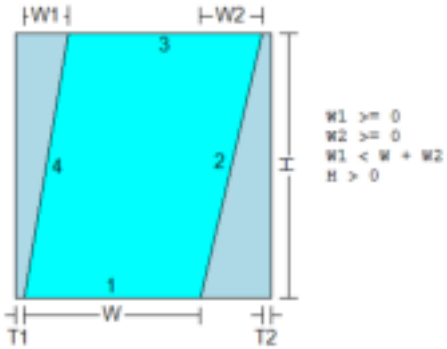
SHAPE 45



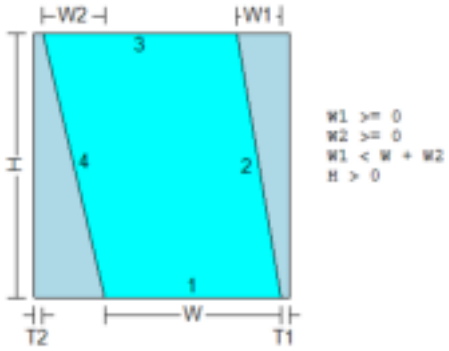
SHAPE 46



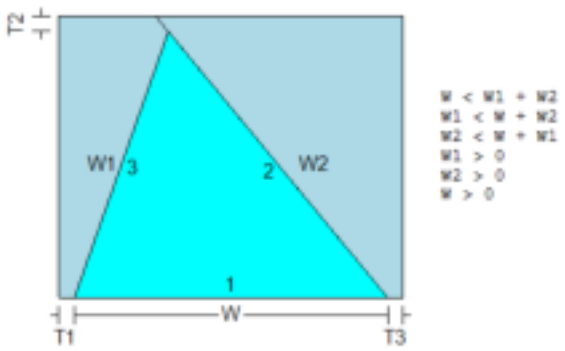
SHAPE 47



SHAPE 48



SHAPE 51



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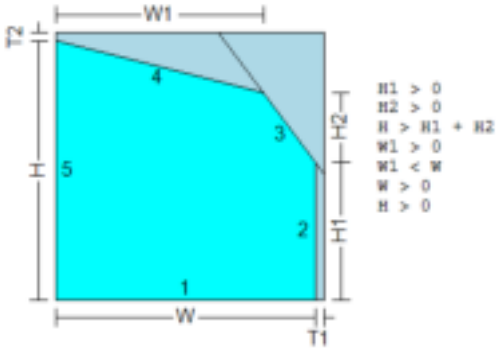
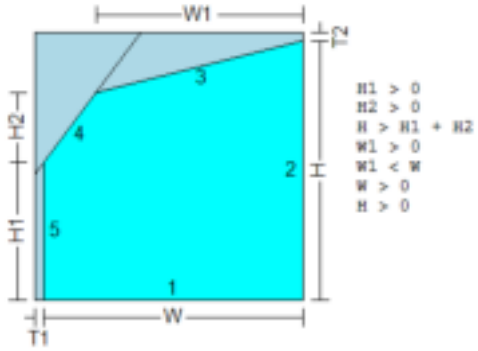
SHAPE 53



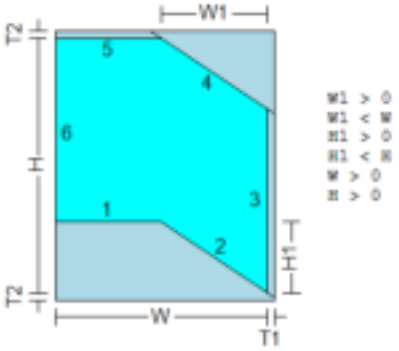

```
H1 > 0
H2 > 0
H > H1 + H2
W1 > 0
W1 < W
W > 0
H > 0
```

SHAPE 54



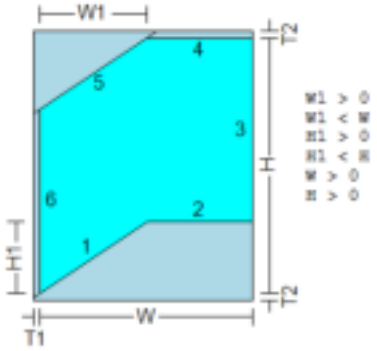

```
H1 > 0
H2 > 0
H > H1 + H2
W1 > 0
W1 < W
W > 0
H > 0
```

SHAPE 55



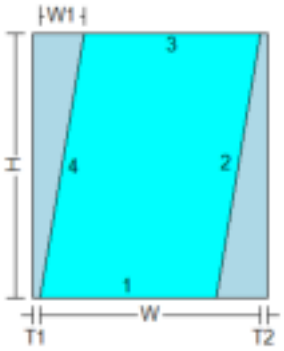

```
W1 > 0
W1 < W
H1 > 0
H1 < H
W > 0
H > 0
```

SHAPE 56



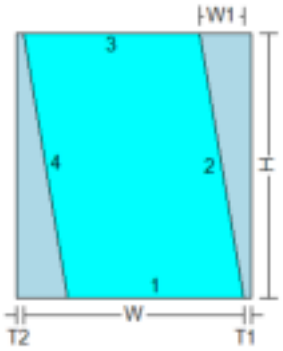

```
W1 > 0
W1 < W
H1 > 0
H1 < H
W > 0
H > 0
```

SHAPE 57



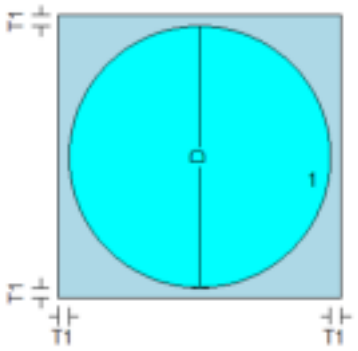

```
W1 >= 0
W1 < W
W > 0
H > 0
```

SHAPE 58



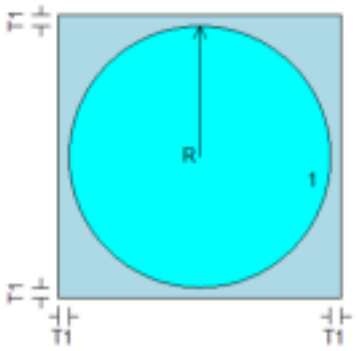

```
W1 >= 0
W1 < W
W > 0
H > 0
```

SHAPE 60




```
D > 0
```

SHAPE 61




```
R > 0
```

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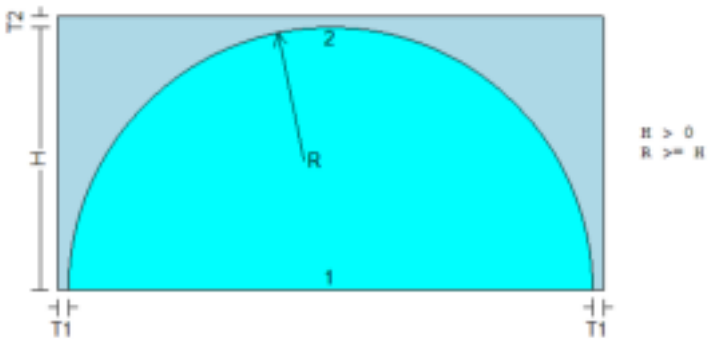
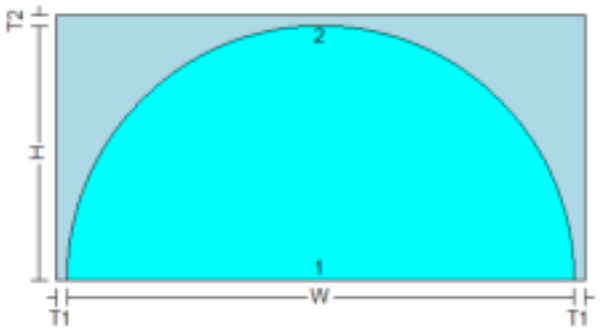
SHAPE 62



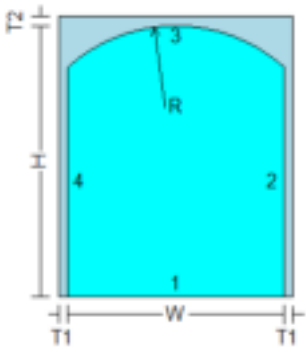
H > 0
R >= H

SHAPE 63



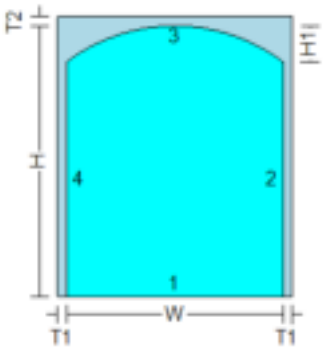
H <= W/2
W > 0
H > 0

SHAPE 64



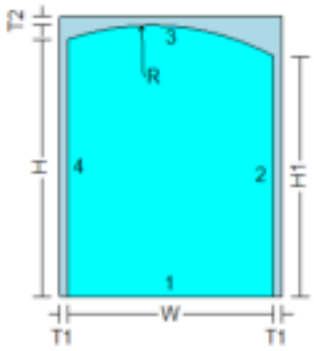
R >= W/2
H > R-SQRT(R^2-W^2/4)
0 < R-SQRT(R^2-W^2/4)
W > 0
H > 0

SHAPE 65



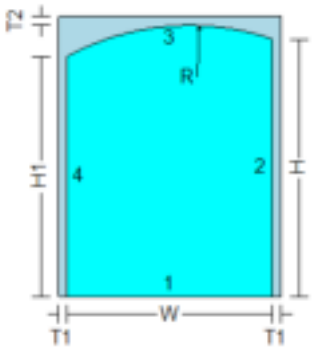
H1 <= W/2
H1 <= H
H1 > 0
W > 0
H > 0

SHAPE 66



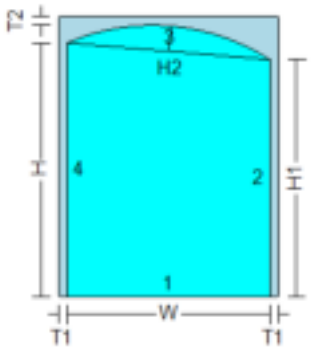
H1 <= H
R >= SQRT((H-H1)^2 + W^2)/2
H1 > 0
H > 0
W > 0

SHAPE 67



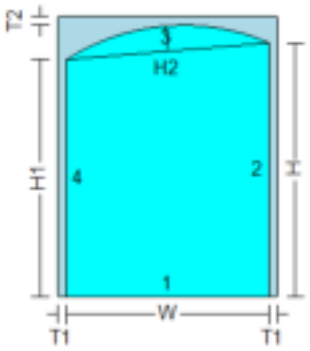
H1 <= H
R >= SQRT((H-H1)^2 + W^2)/2
H1 > 0
H > 0
W > 0

SHAPE 68



H1 <= H
H2 <= SQRT((H-H1)^2 + W^2)/2
H2 > 0
H1 > 0
W > 0
H > 0

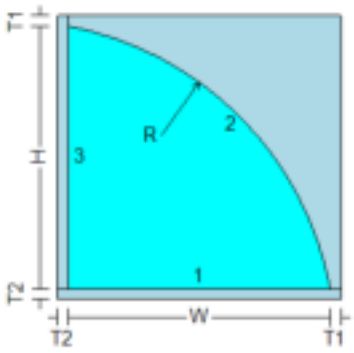
SHAPE 69



H1 <= H
H2 <= SQRT((H-H1)^2 + W^2)/2
H2 > 0
H1 > 0
W > 0
H > 0

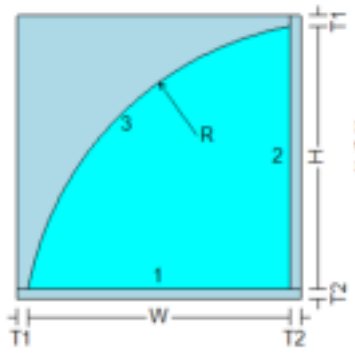
Dimensions listed to the right of each shape must be provided by customer.
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 70



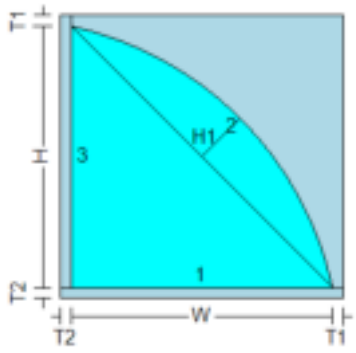

```
R >= SQRT(W^2 + H^2)/2
W > 0
H > 0
```

SHAPE 71



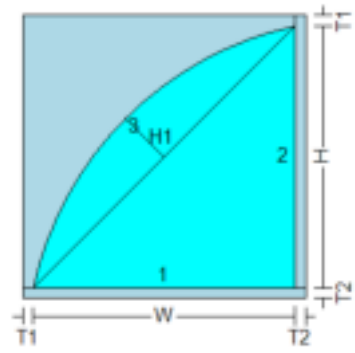

```
R >= SQRT(W^2 + H^2)/2
W > 0
H > 0
```

SHAPE 72



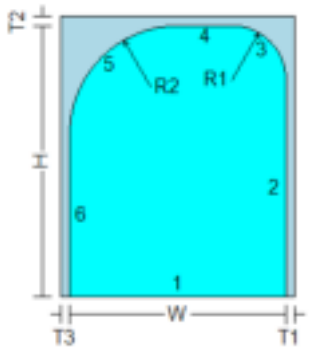

```
H1 <= SQRT(W^2 + H^2)
H1 > 0
W > 0
H > 0
```

SHAPE 73



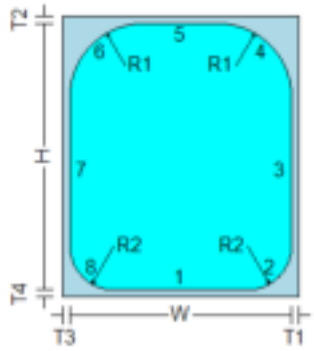

```
H1 <= SQRT(W^2 + H^2)
H1 > 0
W > 0
H > 0
```

SHAPE 74



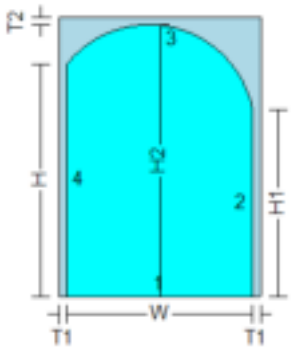

```
W >= R1 + R2
R1 > 0
R1 <= H
R2 > 0
R2 <= H
W > 0
H > 0
```

SHAPE 75



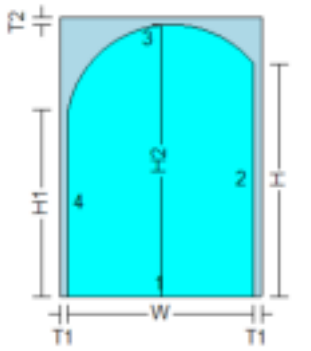

```
H >= R1 + R2
R1 > 0
R1 <= W/2
R2 > 0
R2 <= W/2
W > 0
H > 0
```

SHAPE 76



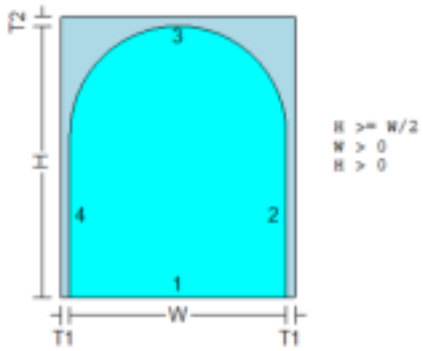

```
W > 0
H > 0
H1 > 0
H2 > 0
H >= H1
H2 > (H + H1)/2
```

SHAPE 77

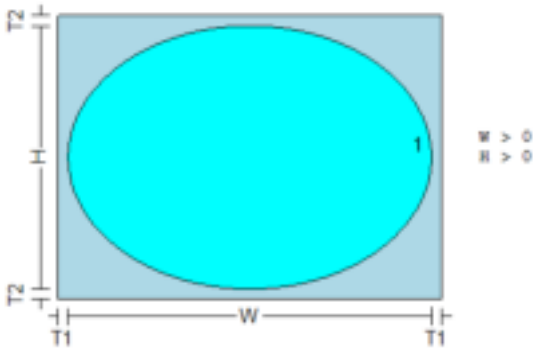



```
W > 0
H > 0
H1 > 0
H2 > 0
H >= H1
H2 > (H + H1)/2
```

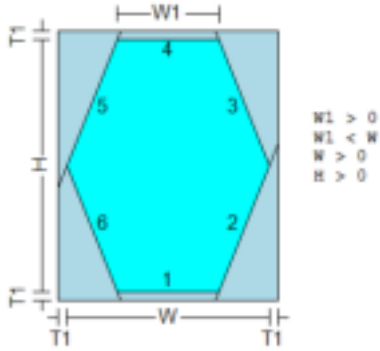
SHAPE 78



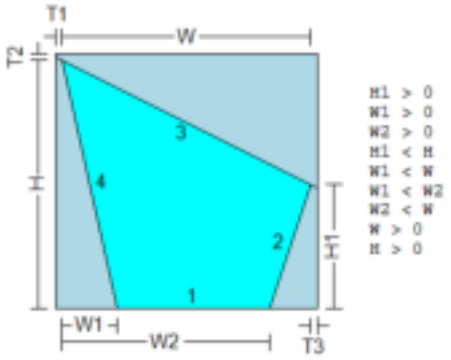
SHAPE 81



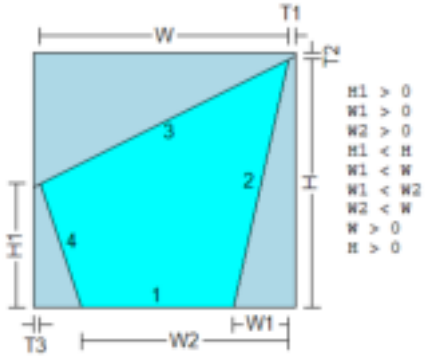
SHAPE 91



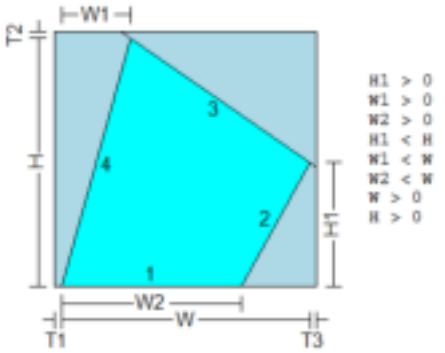
SHAPE 92



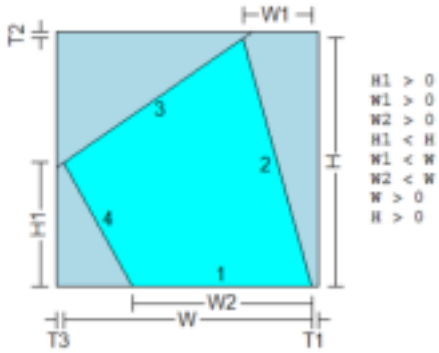
SHAPE 93



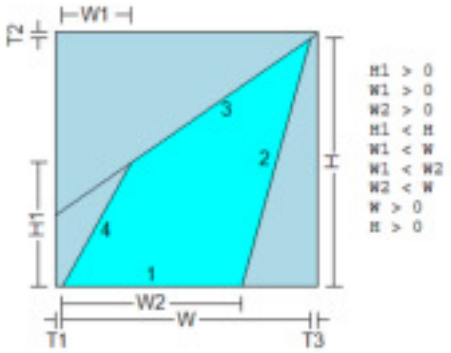
SHAPE 94



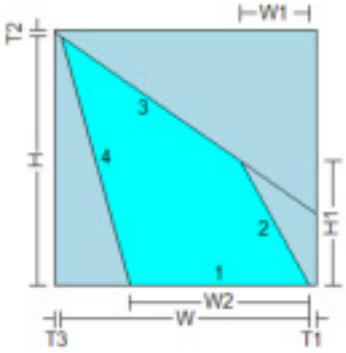
SHAPE 95



SHAPE 96

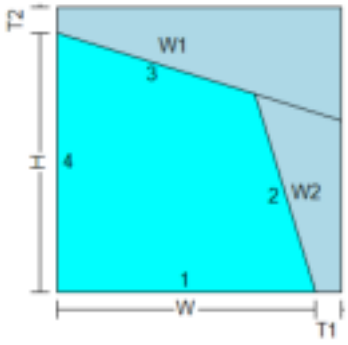


SHAPE 97



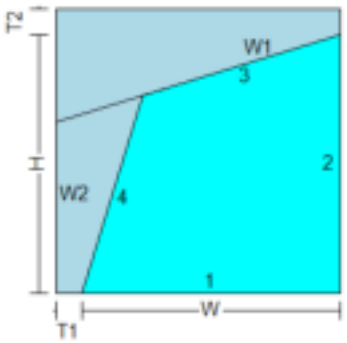

```
H1 > 0
W1 > 0
W2 > 0
H1 < H
W1 < W
W1 < W2
W2 < W
W > 0
H > 0
```

SHAPE 100



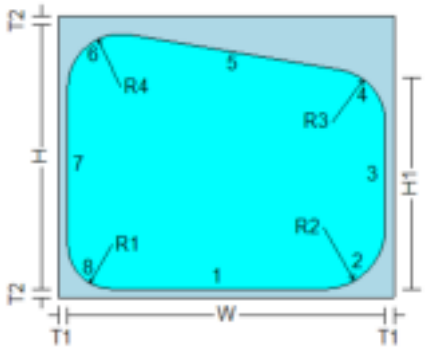

```
W > 0
H > 0
W1 + W2 > SQRT(W^2 + H^2)
W2 < SQRT(W^2 + H^2) + W1
W1 < SQRT(W^2 + H^2) + W2
```

SHAPE 101



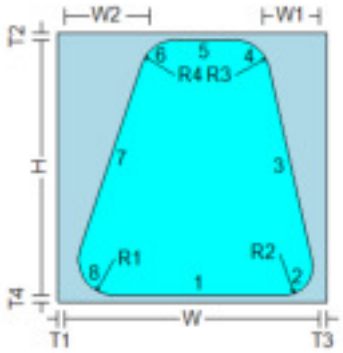

```
W > 0
H > 0
W1 + W2 > SQRT(W^2 + H^2)
W2 < SQRT(W^2 + H^2) + W1
W1 < SQRT(W^2 + H^2) + W2
```

SHAPE 103



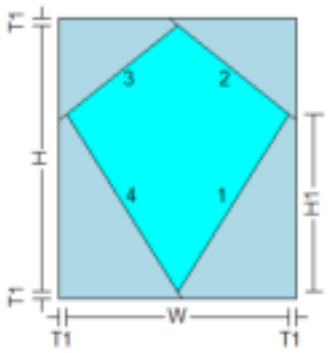

```
R1 > 0
R2 > 0
R3 > 0
R4 > 0
H >= R1 + R4
H1 >= R2 + R3
W >= R1 + R2
W >= R3 + R4
H1 <= H
W > 0
H > 0
```

SHAPE 113



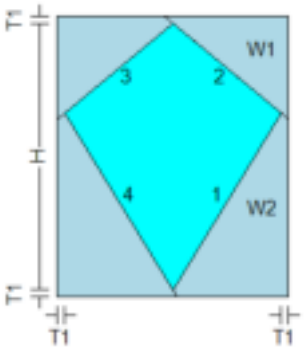

```
R1 > 0
R2 > 0
R3 > 0
R4 > 0
W1 >= 0
W2 >= 0
H >= R1 + R4
H >= R2 + R3
W >= R1 + R2
W >= R3 + R4
W > 0
H > 0
```

SHAPE 116



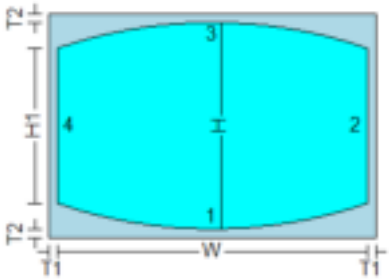

```
H1 > 0
H1 < H
W > 0
H > 0
```

SHAPE 117



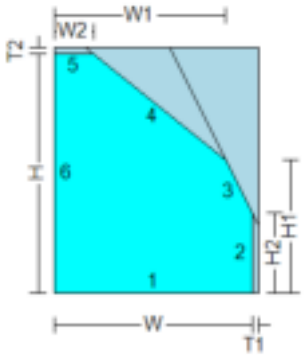

```
W1 > 0
W2 > 0
H > 0
H < W1 + W2
```

SHAPE 119



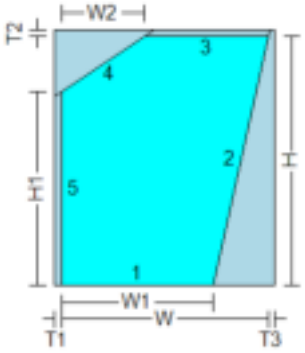

```
H1 > 0
H1 < H
H-H1 < SQRT(W^2+((H-H1)/2)^2)
W > 0
H > 0
```

SHAPE 129



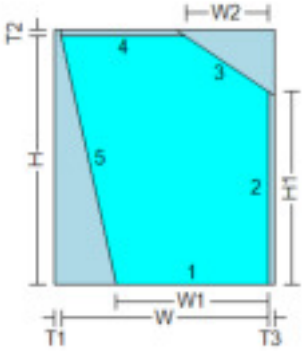

```
H1 > 0
W1 > 0
H1 < H
W1 < W
W2 < W
W2 > 0
W1 > W2
W > 0
H > 0
```

SHAPE 130



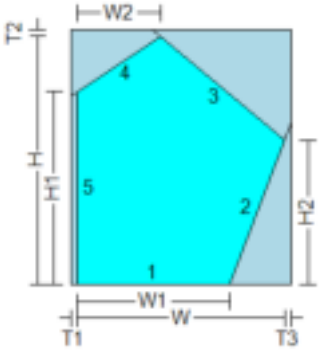

```
H1 > 0
W1 > 0
H1 < H
W1 < W
W2 < W
W2 > 0
W > 0
H > 0
```

SHAPE 131



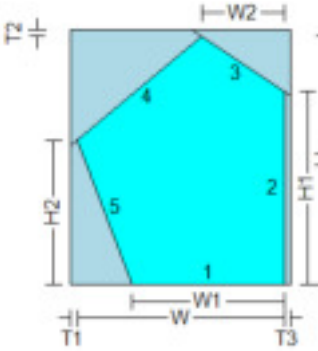

```
H1 > 0
W1 > 0
H1 < H
W1 < W
W2 < W
W2 > 0
W > 0
H > 0
```

SHAPE 132



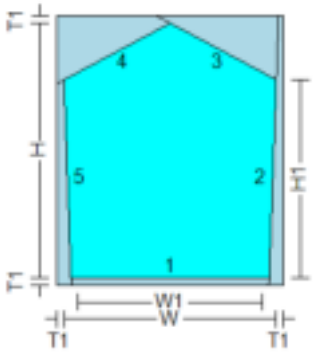

```
H1 > 0
H2 > 0
W1 > 0
H1 < H
H2 < H
W1 < W
W2 < W
W2 > 0
W > 0
H > 0
```

SHAPE 133



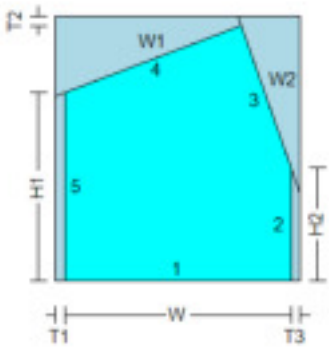

```
H1 > 0
H2 > 0
W1 > 0
H1 < H
H2 < H
W1 < W
W2 < W
W2 > 0
W > 0
H > 0
```

SHAPE 134



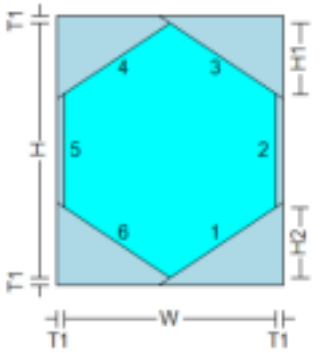

```
H1 > 0
W1 > 0
H1 < H
W1 < W
W1 > W/2
W > 0
H > 0
```

SHAPE 135




```
W > 0
H1 > 0
H2 > 0
W1 + W2 > SQRT(W^2 + (H1 - H2)^2)
W2 < SQRT(W^2 + (H1 - H2)^2) + W1
W1 < SQRT(W^2 + (H1 - H2)^2) + W2
```

SHAPE 142

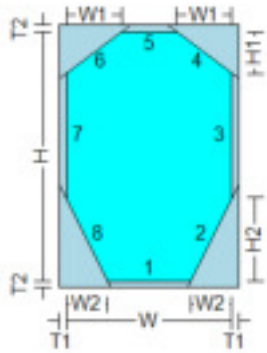



```
H1 > 0
H2 > 0
H1 < H/2
H2 < H/2
W > 0
H > 0
```

Dimensions listed to the right of each shape must be provided by customer.

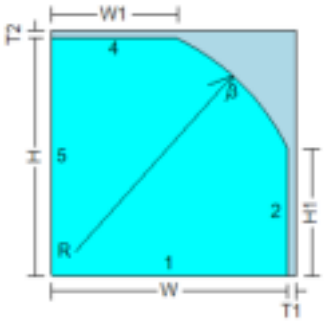
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 144



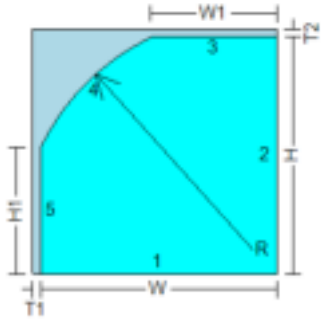

```
H1 > 0
H1 < H/2
H2 > 0
H2 < H/2
W1 > 0
W1 < W/2
W2 > 0
W2 < W/2
W > 0
H > 0
```

SHAPE 152



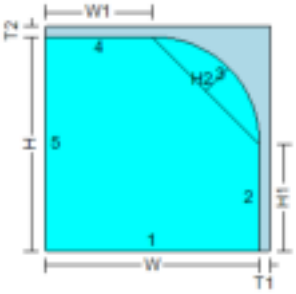

```
H > 0
W > 0
W1 > 0
W > W1
H1 > 0
H > H1
R >= 0
R*2 >= SQRT((W - W1)^2 + (H-H1)^2)
```

SHAPE 153



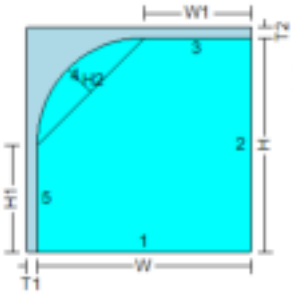

```
H > 0
W > 0
W1 > 0
W > W1
H1 > 0
H > H1
R >= 0
R*2 >= SQRT((W - W1)^2 + (H-H1)^2)
```

SHAPE 154



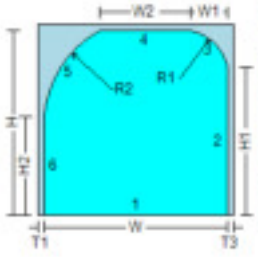

```
W > W1
W1 >= 0
H > H1
H1 >= 0
H2 > 0
H2*2 <= SQRT((W - W1)^2 + (H - H1)^2)
```

SHAPE 155



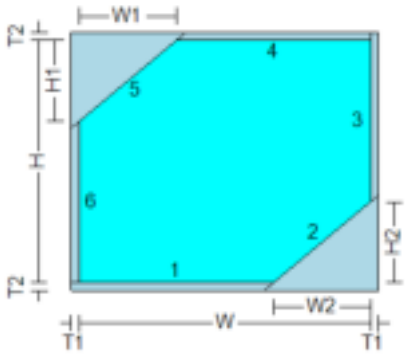

```
W > W1
W1 >= 0
H > H1
H1 >= 0
H2 > 0
H2*2 <= SQRT((W - W1)^2 + (H - H1)^2)
```

SHAPE 156



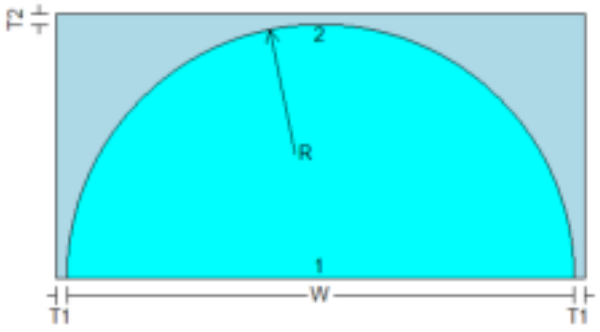

```
W > 0
H > 0
W > W1 + W2
W1 > 0
W2 > 0
H > H1
H1 > 0
H1 > H2
H2 > 0
R1 >= 0
R2 >= 0
R1 * 2 >= SQRT(W1^2 + (H-H1)^2)
R2 * 2 >= SQRT((W-W1-W2)^2 + (H - H2)^2)
```

SHAPE 157



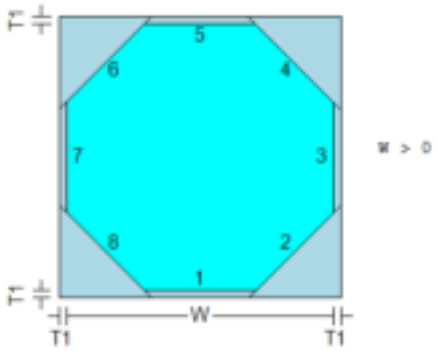

```
H1 < H
H2 < H
H1 > 0
H2 > 0
W1 > 0
W1 < W
W2 > 0
W2 < W
W > 0
H > 0
```

SHAPE 160



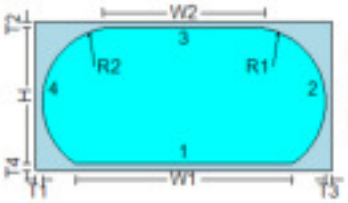

```
W > 0
R >= W/2
```

SHAPE 162



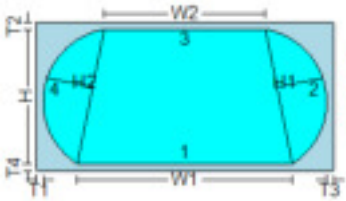
W > 0

SHAPE 169



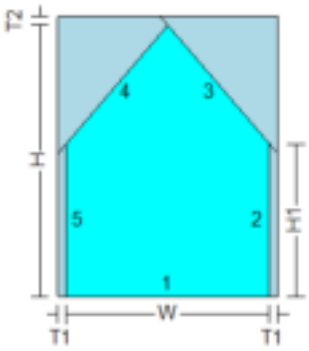
W1 >= 0
W2 >= 0
H > 0
R1 >= SQRT(((W1-W2)/2)^2 + H^2) / 2
R2 >= SQRT(((W1-W2)/2)^2 + H^2) / 2

SHAPE 170



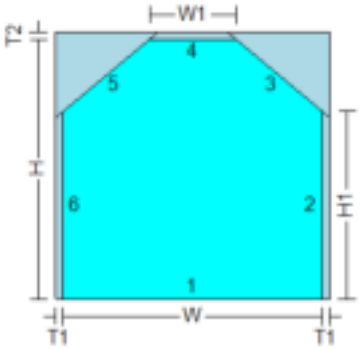
W1 >= 0
W2 >= 0
H > 0
H1 <= SQRT(((W1-W2)/2)^2 + H^2) / 2
H2 <= SQRT(((W1-W2)/2)^2 + H^2) / 2

SHAPE 215



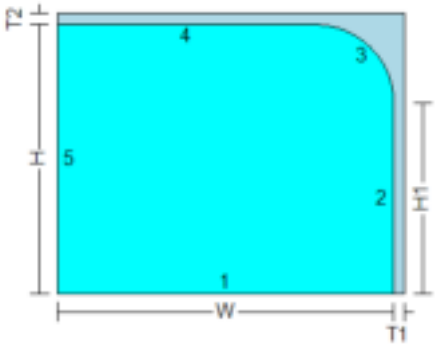
H1 > 0
H1 < H
W > 0
H > 0

SHAPE 238



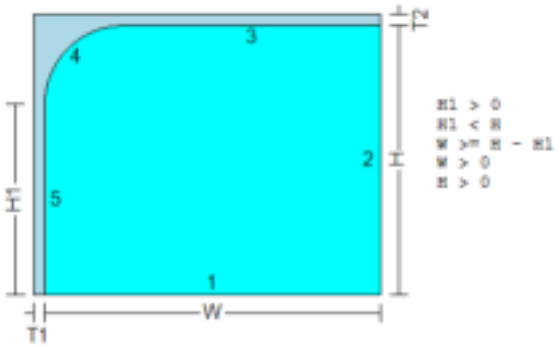
H1 > 0
H1 < H
W1 > 0
W1 < W
W > 0
H > 0

SHAPE 254



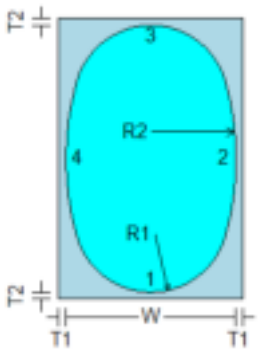
H1 > 0
H1 < H
W >= H - H1
W > 0
H > 0

SHAPE 255



H1 > 0
H1 < H
W >= H - H1
W > 0
H > 0

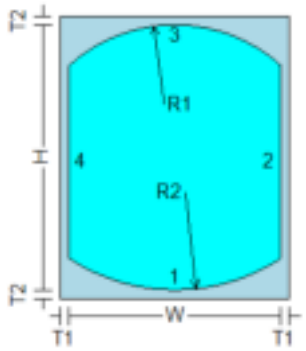
SHAPE 261



R1 > 0
R2 > 0
R1 < W/2
R2 > W/2
W > 0
H > 0

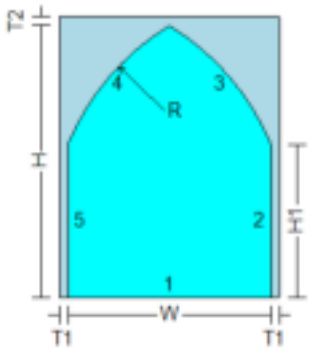
Dimensions listed to the right of each shape must be provided by customer.
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 262



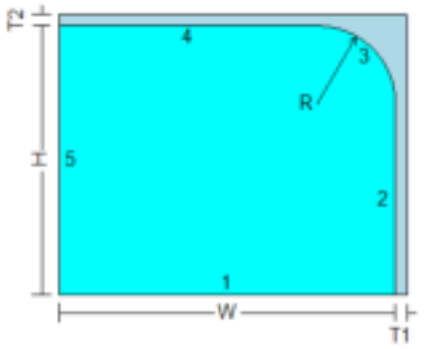
R1 > W/2
R2 > W/2
W > 0
H > 0

SHAPE 272



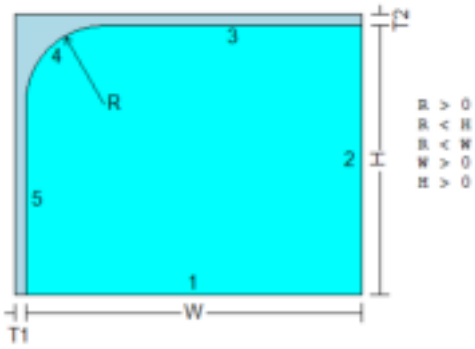
H1 > 0
H1 < H
R > W/2
R >= ((W^2)/(8*(H-H1)))+(H-H1)/2
W > 0
H > 0

SHAPE 277



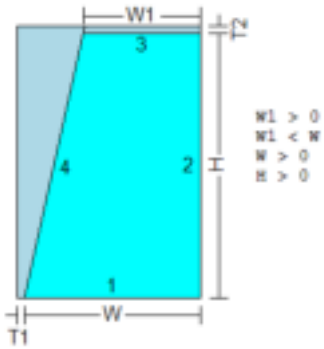
R > 0
R < H
R < W
W > 0
H > 0

SHAPE 278



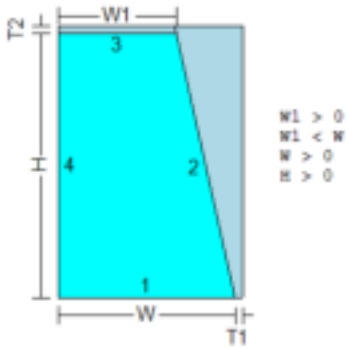
R > 0
R < H
R < W
W > 0
H > 0

SHAPE 301



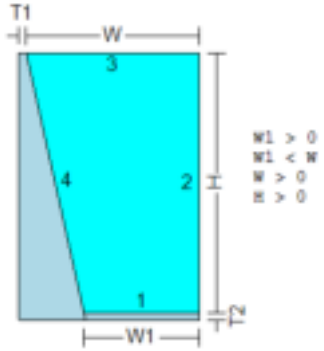
W1 > 0
W1 < W
W > 0
H > 0

SHAPE 302



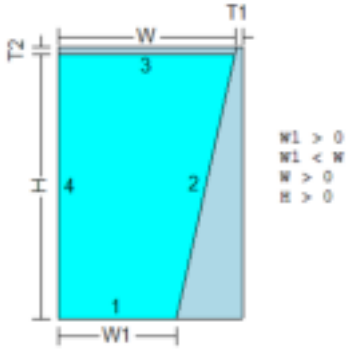
W1 > 0
W1 < W
W > 0
H > 0

SHAPE 303



W1 > 0
W1 < W
W > 0
H > 0

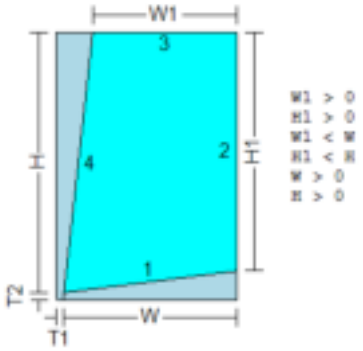
SHAPE 304



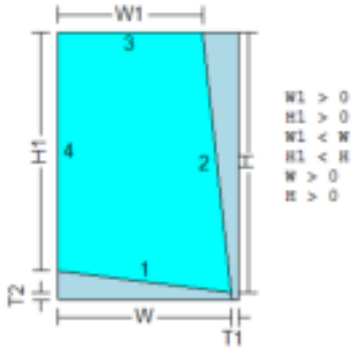
W1 > 0
W1 < W
W > 0
H > 0

Dimensions listed to the right of each shape must be provided by customer.
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

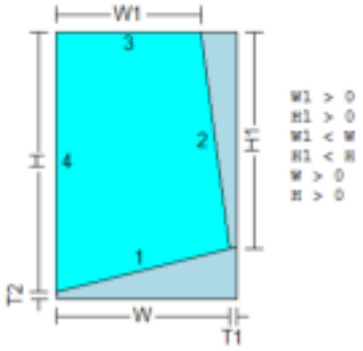
SHAPE 305



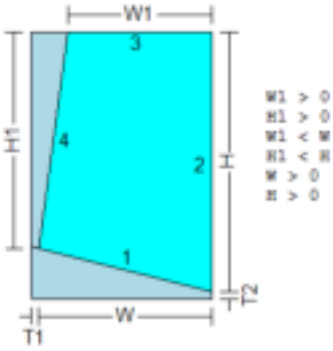
SHAPE 306



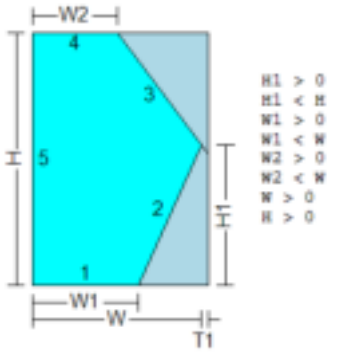
SHAPE 307



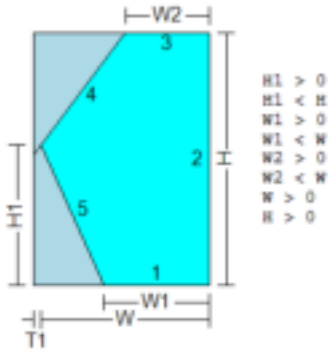
SHAPE 308



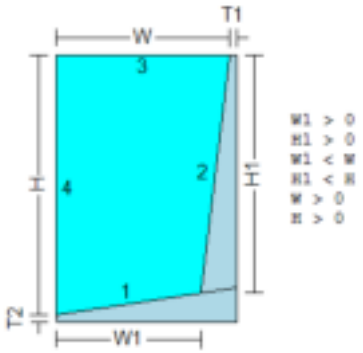
SHAPE 309



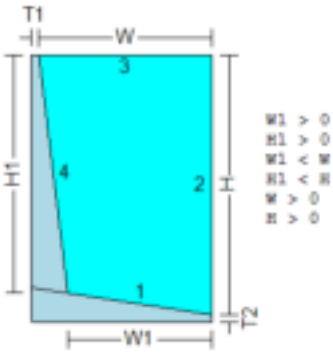
SHAPE 310



SHAPE 311



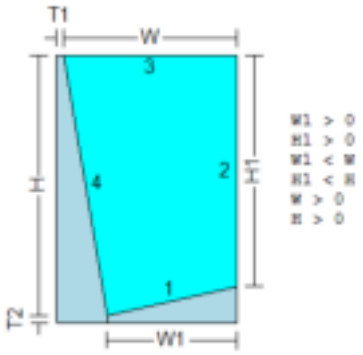
SHAPE 312



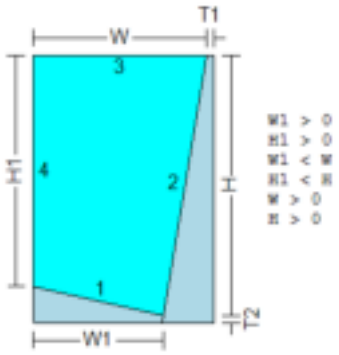
Dimensions listed to the right of each shape must be provided by customer.

Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

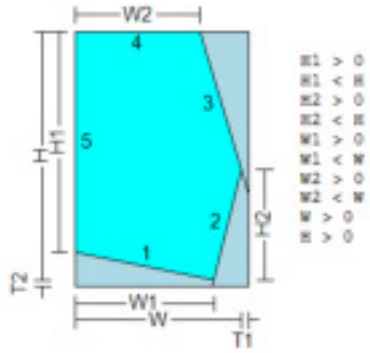
SHAPE 313



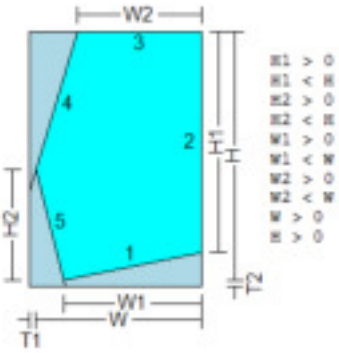
SHAPE 314



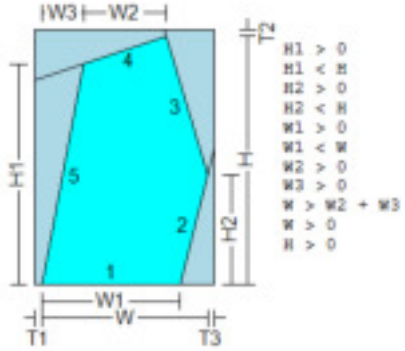
SHAPE 315



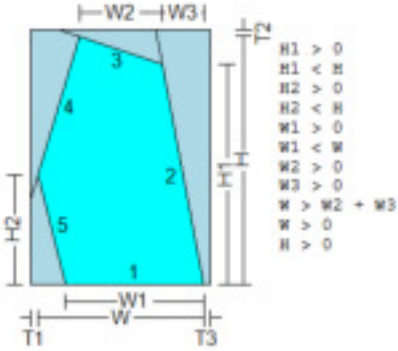
SHAPE 316



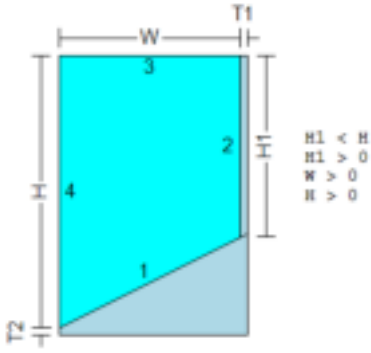
SHAPE 317



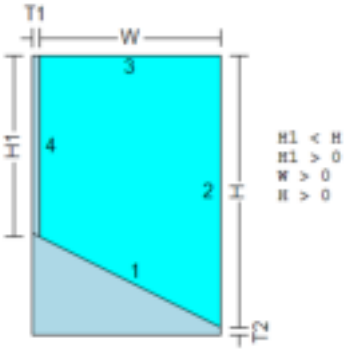
SHAPE 318



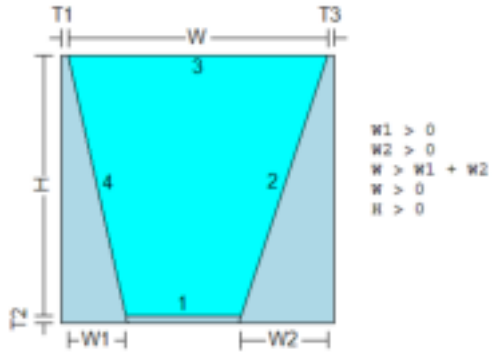
SHAPE 319



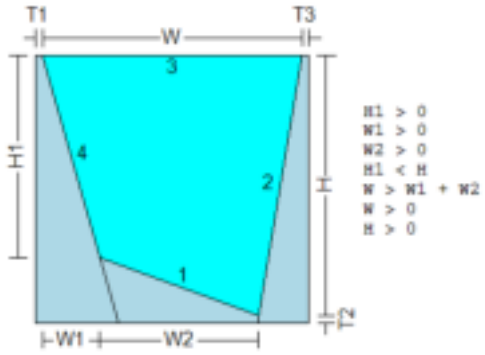
SHAPE 320



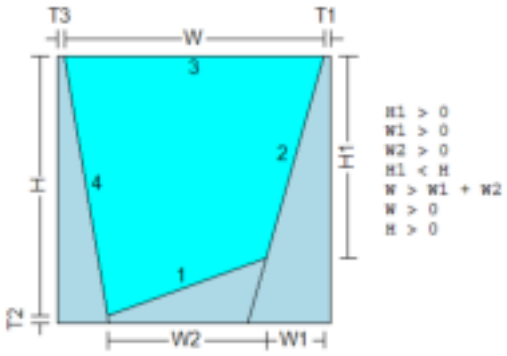
SHAPE 321



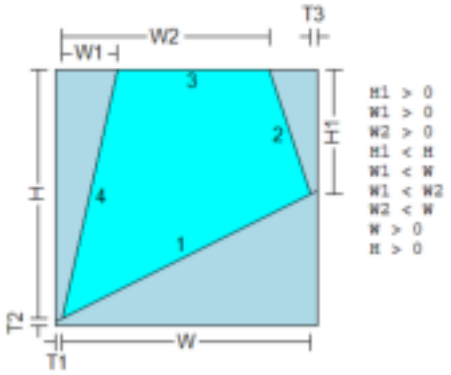
SHAPE 322



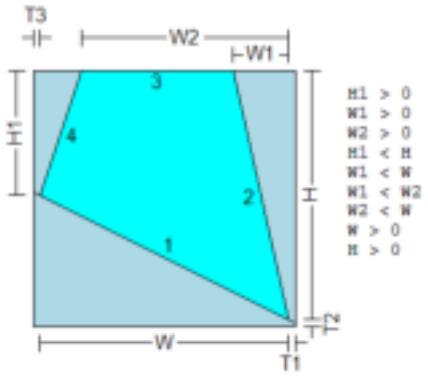
SHAPE 323



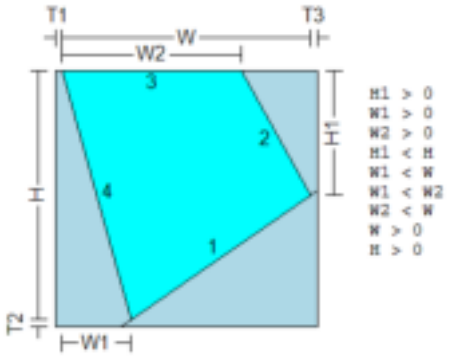
SHAPE 324



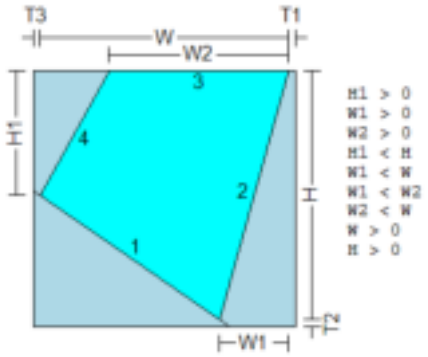
SHAPE 325



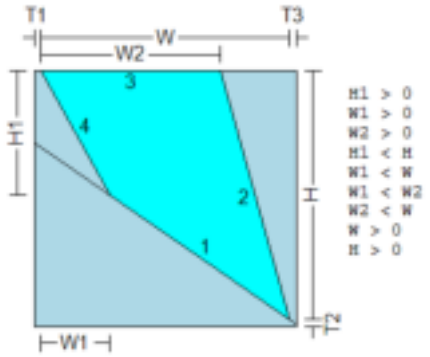
SHAPE 326



SHAPE 327



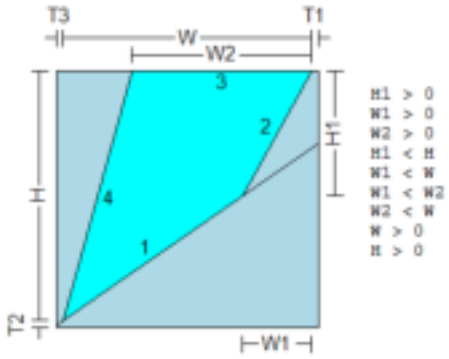
SHAPE 328



Dimensions listed to the right of each shape must be provided by customer.

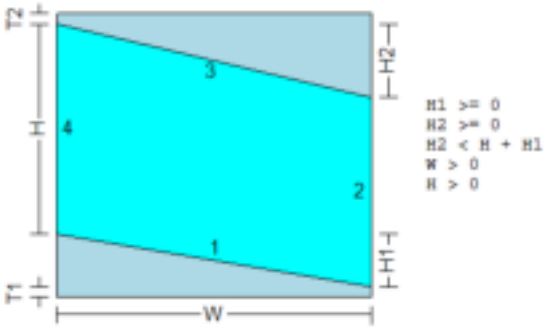
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 329



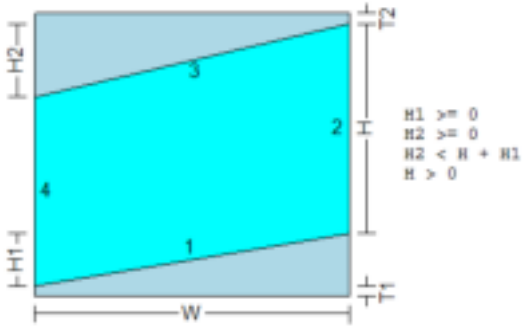

```
H1 > 0
W1 > 0
W2 > 0
H1 < H
W1 < W
W1 < W2
W2 < W
W > 0
H > 0
```

SHAPE 330



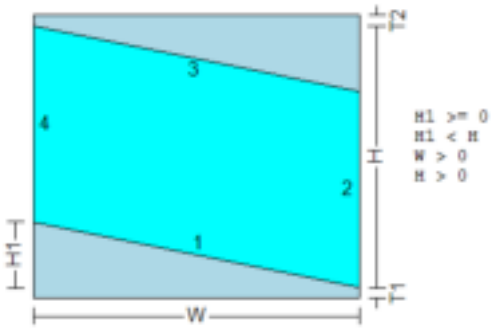

```
H1 >= 0
H2 >= 0
H2 < H + H1
W > 0
H > 0
```

SHAPE 331



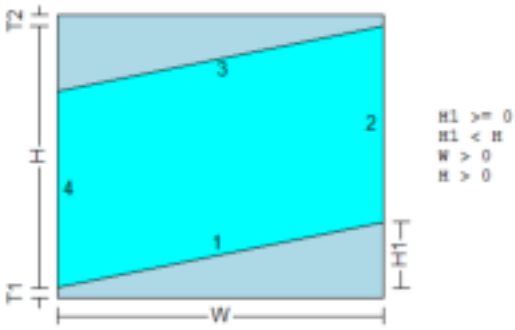

```
H1 >= 0
H2 >= 0
H2 < H + H1
H > 0
```

SHAPE 332



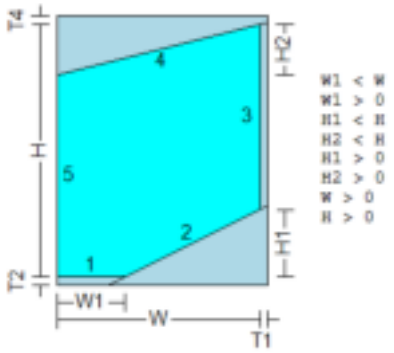

```
H1 >= 0
H1 < H
W > 0
H > 0
```

SHAPE 333



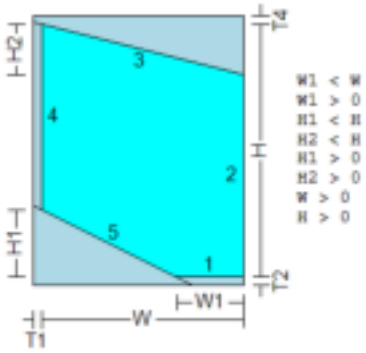

```
H1 >= 0
H1 < H
W > 0
H > 0
```

SHAPE 334



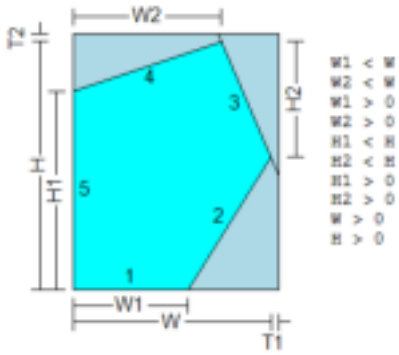

```
W1 < W
W1 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
W > 0
H > 0
```

SHAPE 335




```
W1 < W
W1 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
W > 0
H > 0
```

SHAPE 336

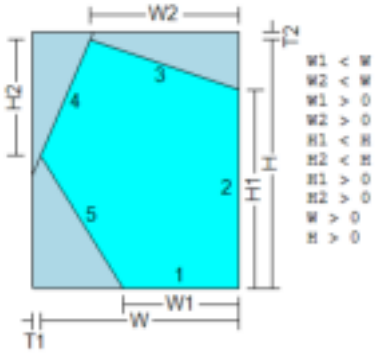



```
W1 < W
W2 < W
W1 > 0
W2 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
W > 0
H > 0
```

Dimensions listed to the right of each shape must be provided by customer.

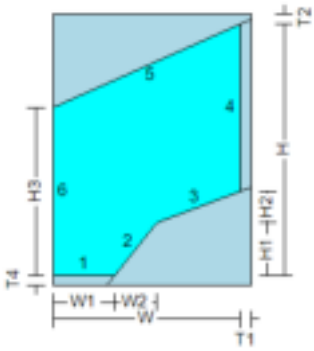
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 337



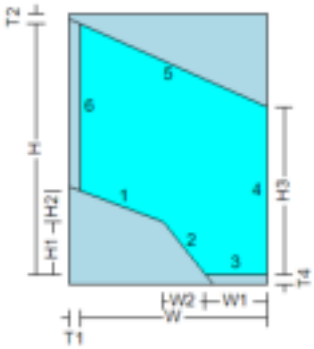
W1 < W
W2 < W
W1 > 0
W2 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
W > 0
H > 0

SHAPE 338



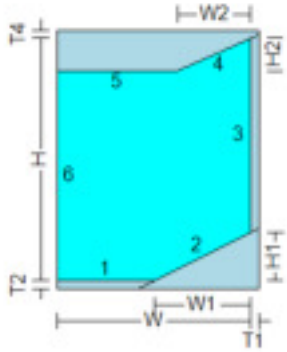
H1 > 0
H2 > 0
H3 > 0
W1 > 0
W2 > 0
H3 < H
H1 + H2 < H
W1 + W2 < W
H1 < (((H - H3) / W)*(W1 + W2)) + H3
W > 0
H > 0

SHAPE 339



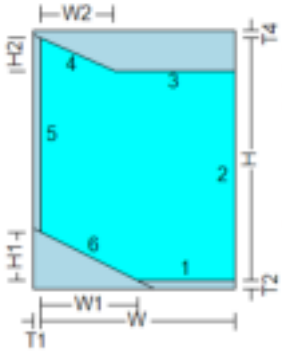
H1 > 0
H2 > 0
H3 > 0
W1 > 0
W2 > 0
H3 < H
H1 + H2 < H
W1 + W2 < W
H1 < (((H - H3) / W)*(W1 + W2)) + H3
W > 0
H > 0

SHAPE 340



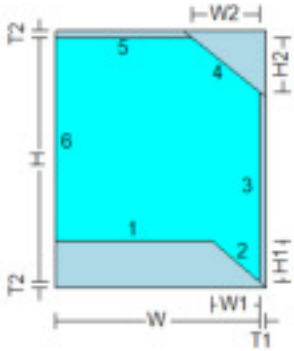
W1 < W
W2 < W
W1 > 0
W2 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
H-H2 > (H1/W1) * (W1-W2)
W > 0
H > 0

SHAPE 341



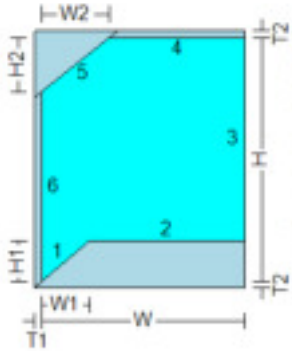
W1 < W
W2 < W
W1 > 0
W2 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
H-H2 > (H1/W1) * (W1-W2)
W > 0
H > 0

SHAPE 342



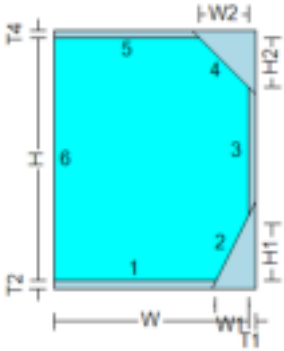
W1 > 0
W1 < W
W2 > 0
W2 < W
H1 > 0
H1 < H
H2 > 0
H2 < H
H1 < ((H2 / W2) * W1) + (H-H2)
W > 0
H > 0

SHAPE 343



W1 > 0
W1 < W
W2 > 0
W2 < W
H1 > 0
H1 < H
H2 > 0
H2 < H
H1 < ((H2 / W2) * W1) + (H-H2)
W > 0
H > 0

SHAPE 344



W1 < W
W2 < W
W1 > 0
W2 > 0
H1 < H
H2 < H
H1 > 0
H2 > 0
H > H1 + H2
W > 0
H > 0

Dimensions listed to the right of each shape must be provided by customer.
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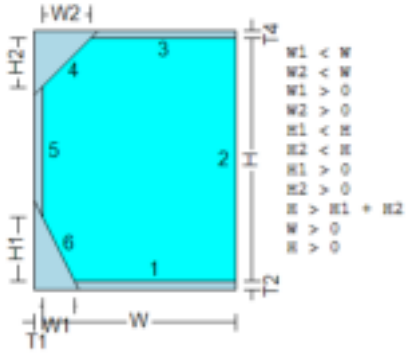
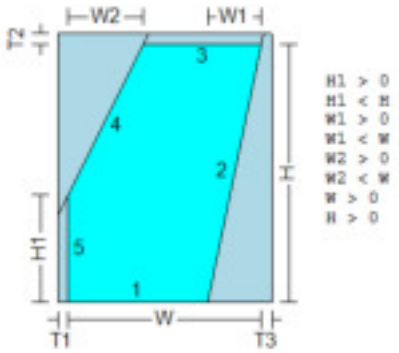
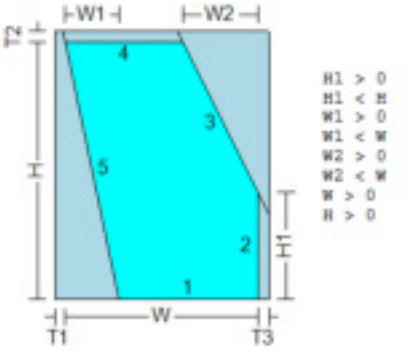
SHAPE 345



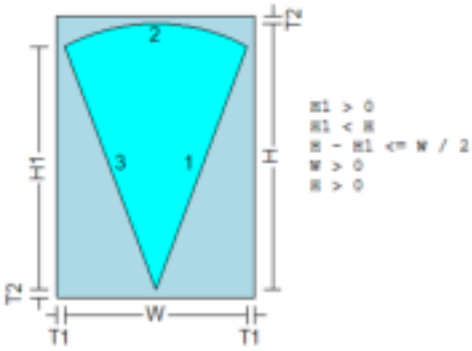
SHAPE 346



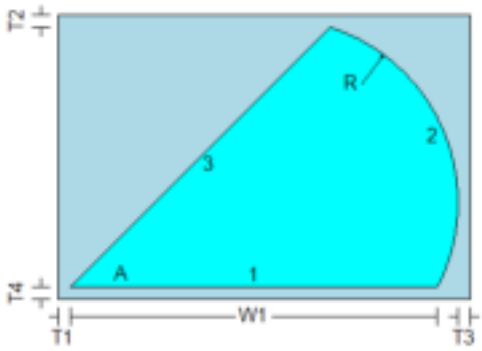
SHAPE 347



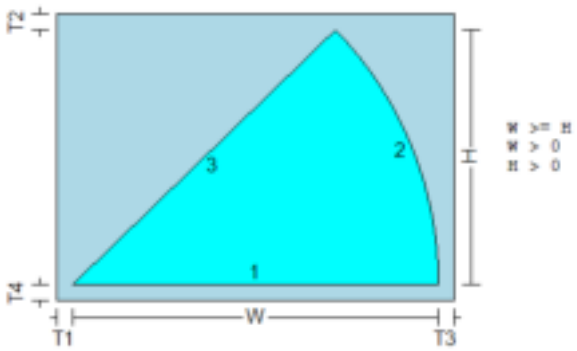
SHAPE 401



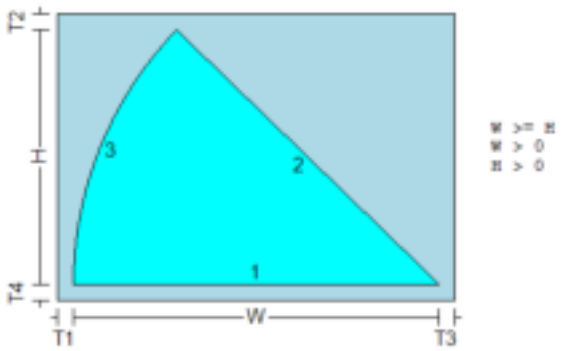
SHAPE 402



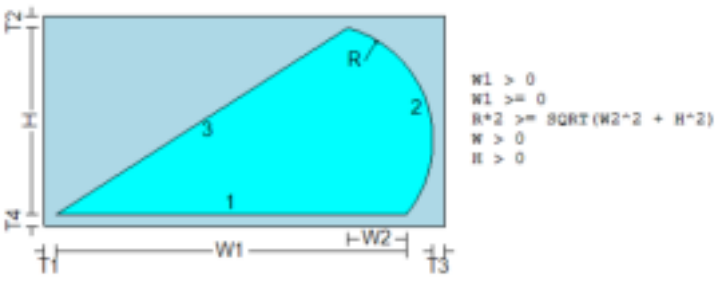
SHAPE 403



SHAPE 404



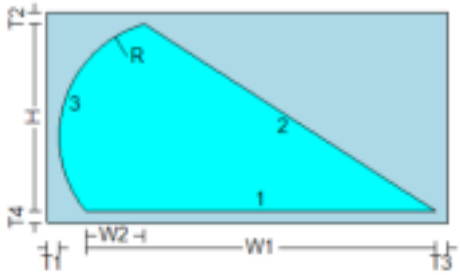
SHAPE 405



Dimensions listed to the right of each shape must be provided by customer.

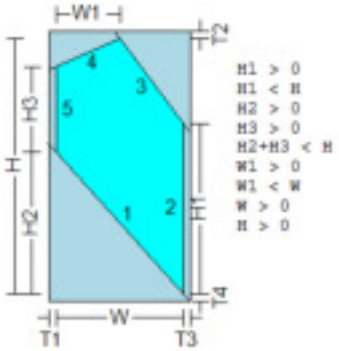
Blue Star Glass accepts .dxf drawings. | Blue Star Glass accepts non-paper templates.

SHAPE 406



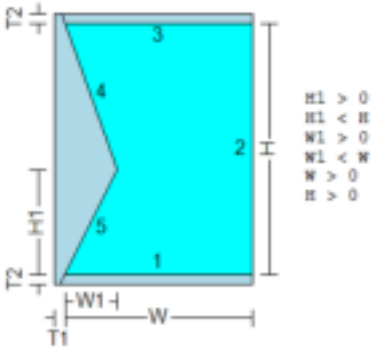

```
W1 > 0
W1 >= 0
R*2 >= SQRT(W2^2 + H^2)
W > 0
H > 0
```

SHAPE 500



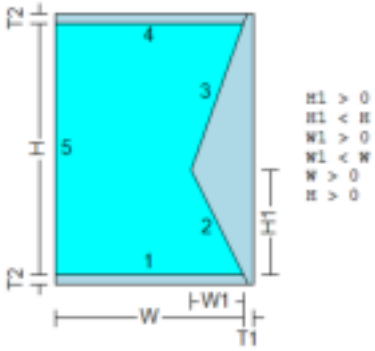

```
H1 > 0
H1 < H
H2 > 0
H3 > 0
H2+H3 < H
W1 > 0
W1 < W
W > 0
H > 0
```

SHAPE 501



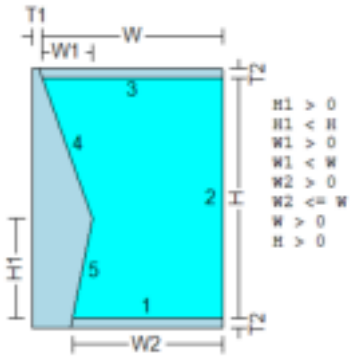

```
H1 > 0
H1 < H
W1 > 0
W1 < W
W > 0
H > 0
```

SHAPE 502



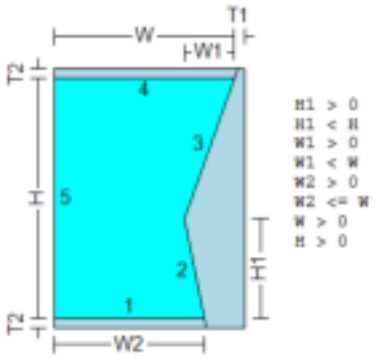

```
H1 > 0
H1 < H
W1 > 0
W1 < W
W > 0
H > 0
```

SHAPE 503



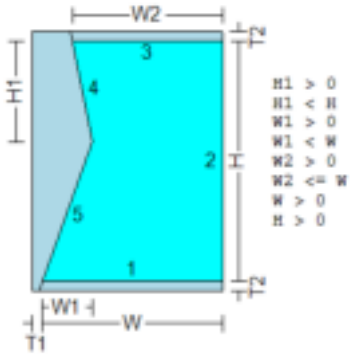

```
H1 > 0
H1 < H
W1 > 0
W1 < W
W2 > 0
W2 <= W
W > 0
H > 0
```

SHAPE 504



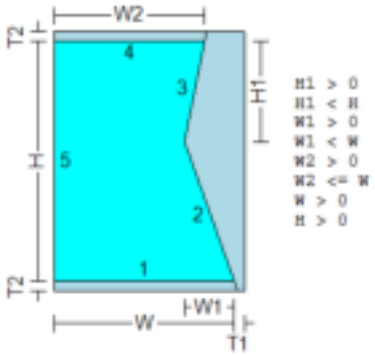

```
H1 > 0
H1 < H
W1 > 0
W1 < W
W2 > 0
W2 <= W
W > 0
H > 0
```

SHAPE 505



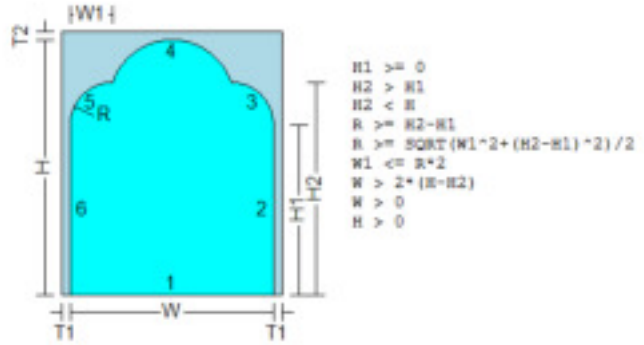

```
H1 > 0
H1 < H
W1 > 0
W1 < W
W2 > 0
W2 <= W
W > 0
H > 0
```

SHAPE 506

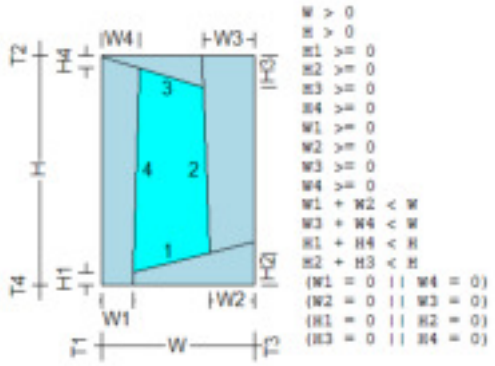



```
H1 > 0
H1 < H
W1 > 0
W1 < W
W2 > 0
W2 <= W
W > 0
H > 0
```

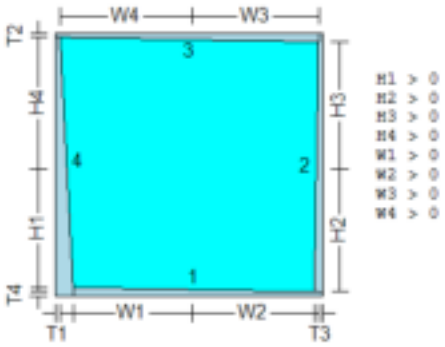
SHAPE 811



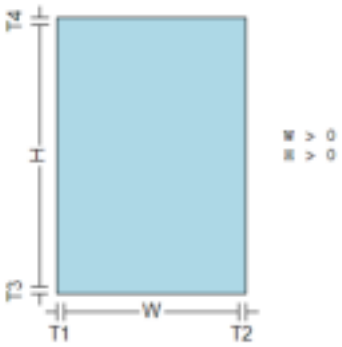
SHAPE 901



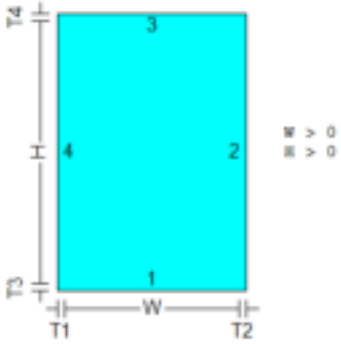
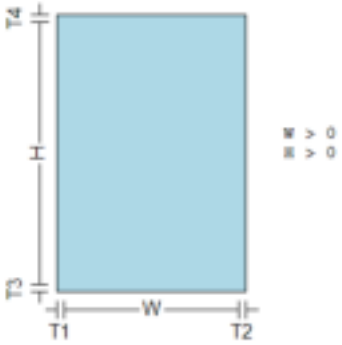
SHAPE 902



DXF - EDGEWORK SHAPE 997



TEMPLATE SHAPE 998



DXF SHAPE 999