

Exercise 7: The Figure and Configure

Supplied:

- The example file holds a figure (predetermined by our fictional principal).
- This figure is composed to two geometries, and interior and an exterior.
- The distance between interior and exterior are variable (not offset).
- The figure has both concave and convex surface typologies.
- The figure is a compound geometry.
- The figure can not be made from a single unit.

Required:

- Each student will discretize the figure into units of construction.
- These units must be capable of expanding or contracting in density in order to resolve variable curvature.
- These units must be able to inscribe the interior and the exterior geometry of the figure.

Deliverables:

- A sequence of drawings that demonstrate the discretization method applied to the figure (one may print these drawings, but a screen sequence is required).
- A physical model of the discretization approach. This model might be a small portion of the figure, or it might be the entire figure. When selecting the former, one must select a zone to test variability best.

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