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ARCHITECTURAL CERAMIC ASSEMBLIES WORKSHOP
ARC 404 | OMAR KHAN
SPRING 2020

Crevice

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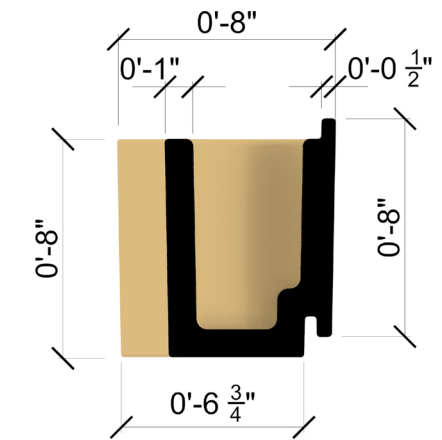
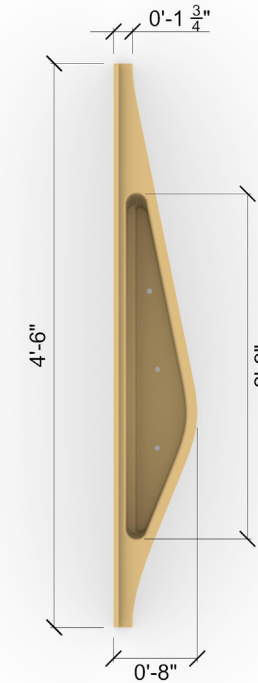
Project Description: We designed Terra Cotta planters that can go on the sides of buildings. This allows people to grow their own plants for food, aesthetic, or even what accumulates naturally.. To create a sense of spontaneity, we created a curve that can be repeated over and over without looking too similar if a staggered placement is used. Additionally, some members are flipped over to contain artificial light for night time.

Project Rendering:

We imagined this going on the sides of one of our previous projects. It works with the existing parti, which is based around sustainable living.



Panel Design

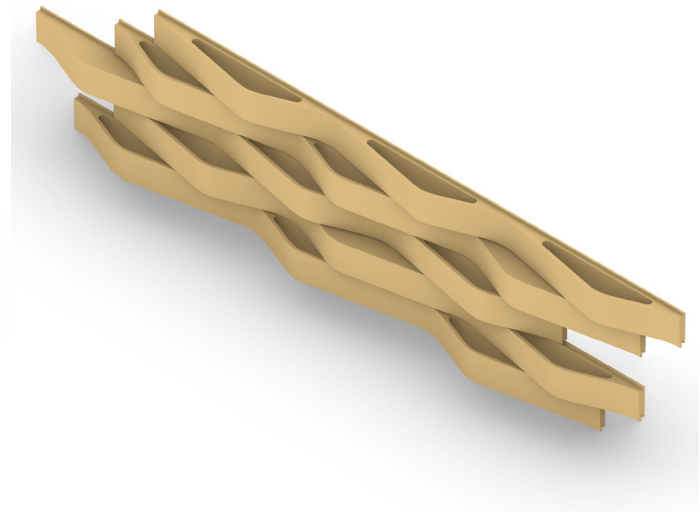
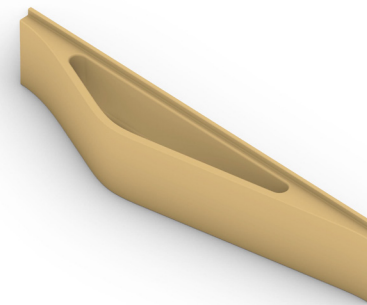


Plan, Section w/ dimensions:

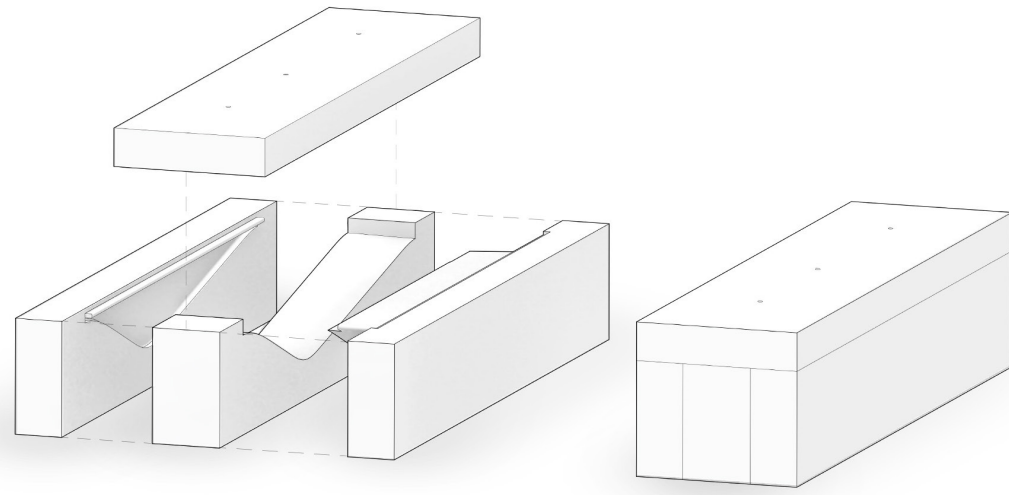
Every corner has a fillet, and there are no 90 degree angles to assure the best possible manufacturing.

Isometric of one panel and multiple panels aggregated:

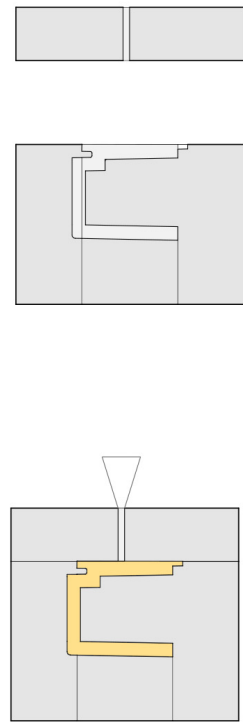
The curve and it's ability to be varied in aggregation is present.



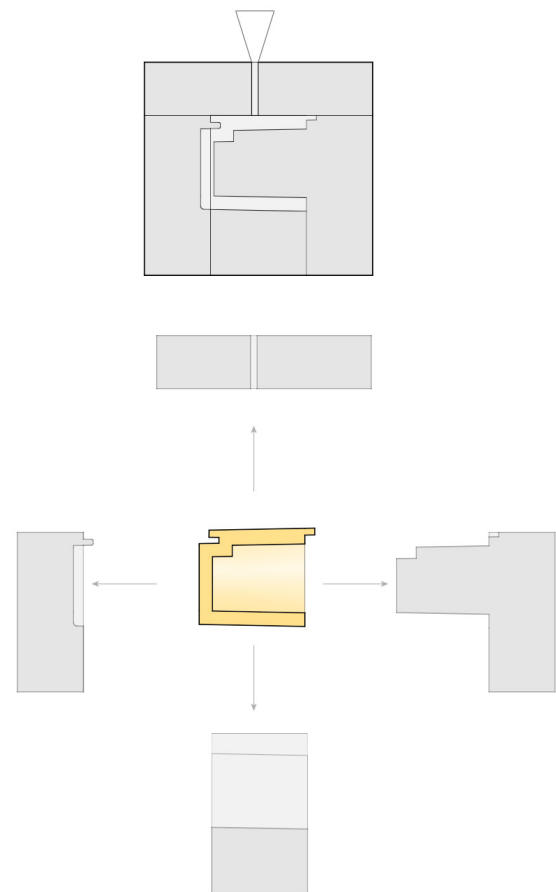
Manufacturing Technique



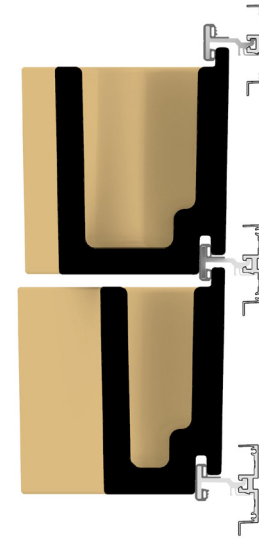
Isometric Mold Design:
Slip cast mold.



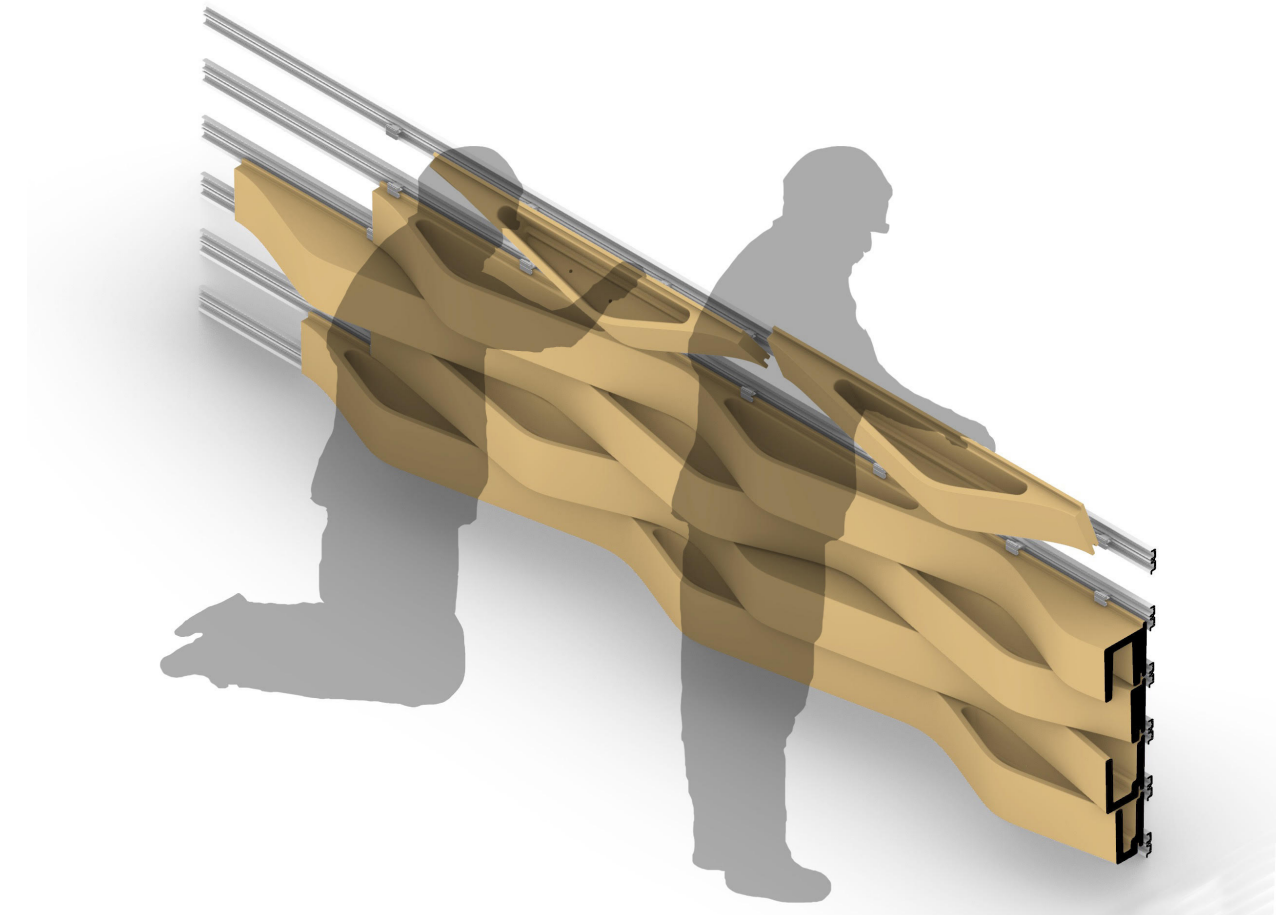
Isometric Manufacturing Technique:
The steps taken to do a slip cast.



Construction Details



Section of attachment.
Use of a standard hanging mechanism.



Isometric of construction detail w/multiple
panels:
Showing how they are assembled on site.

Performance

Panel performance diagram and renders

