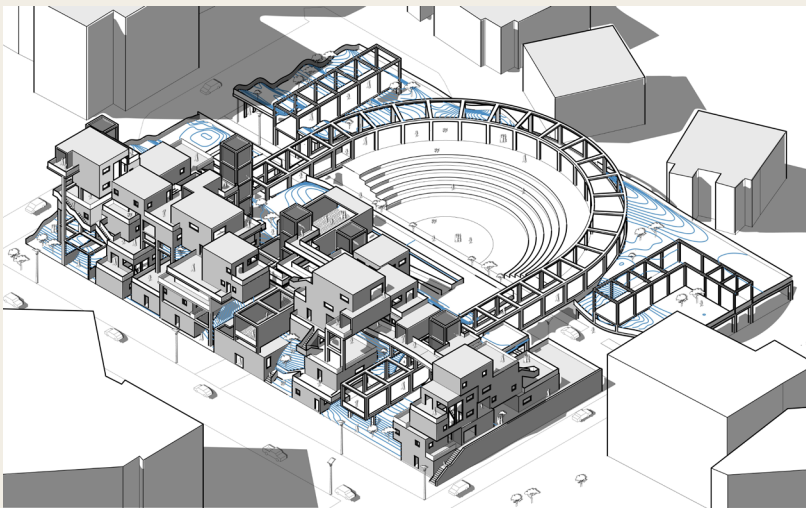
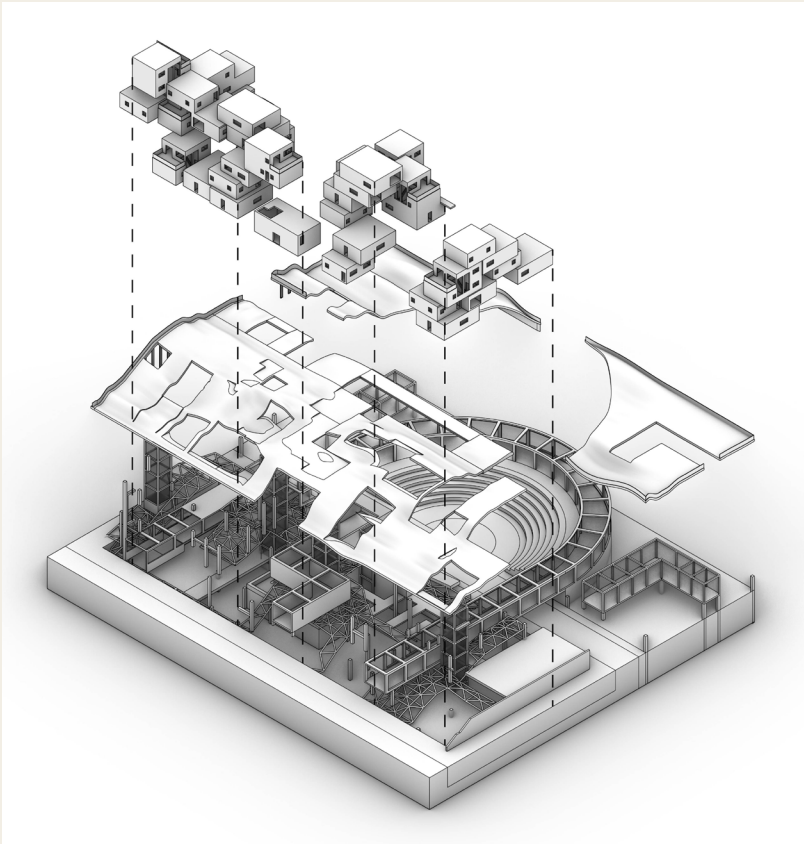


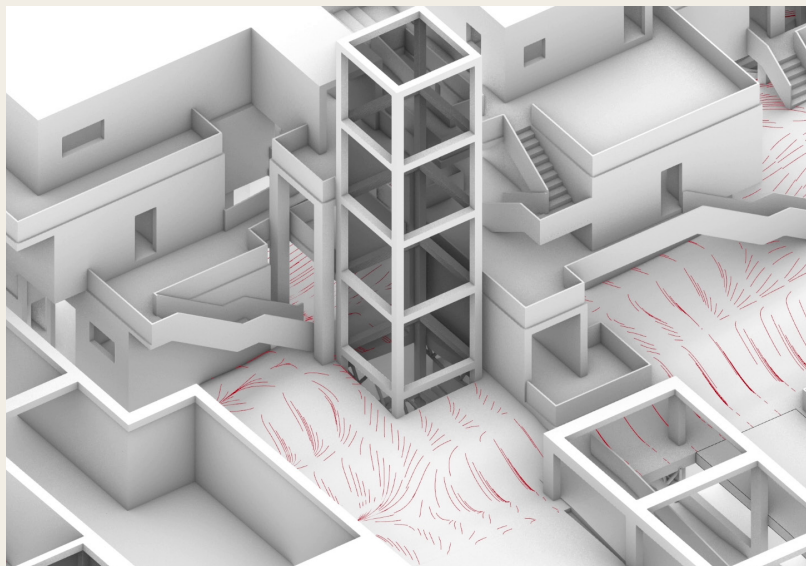
DWELLINGS AT LAMAR

PLANS, SECTIONS, AND THE STRUCTURE OF THE HILL



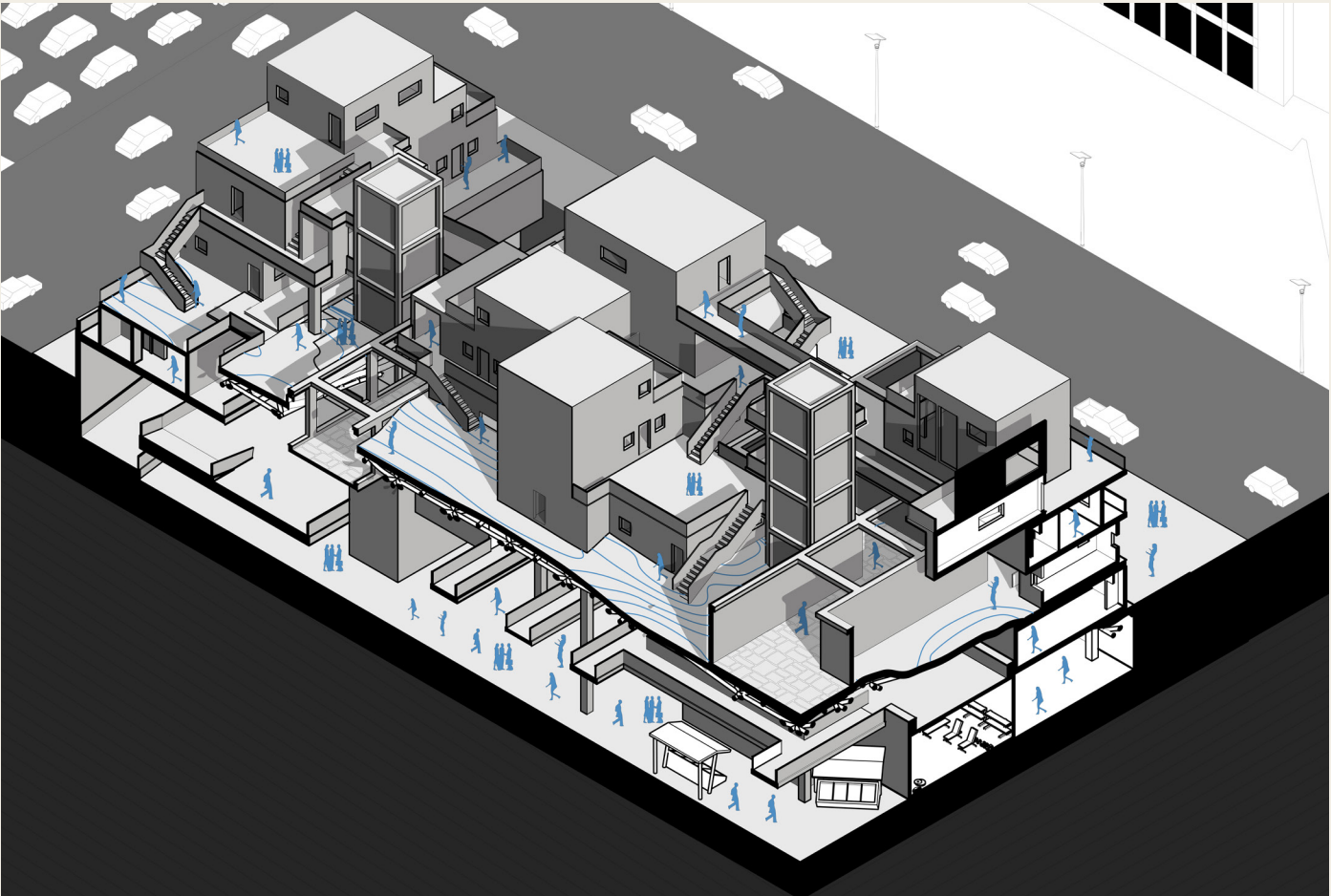
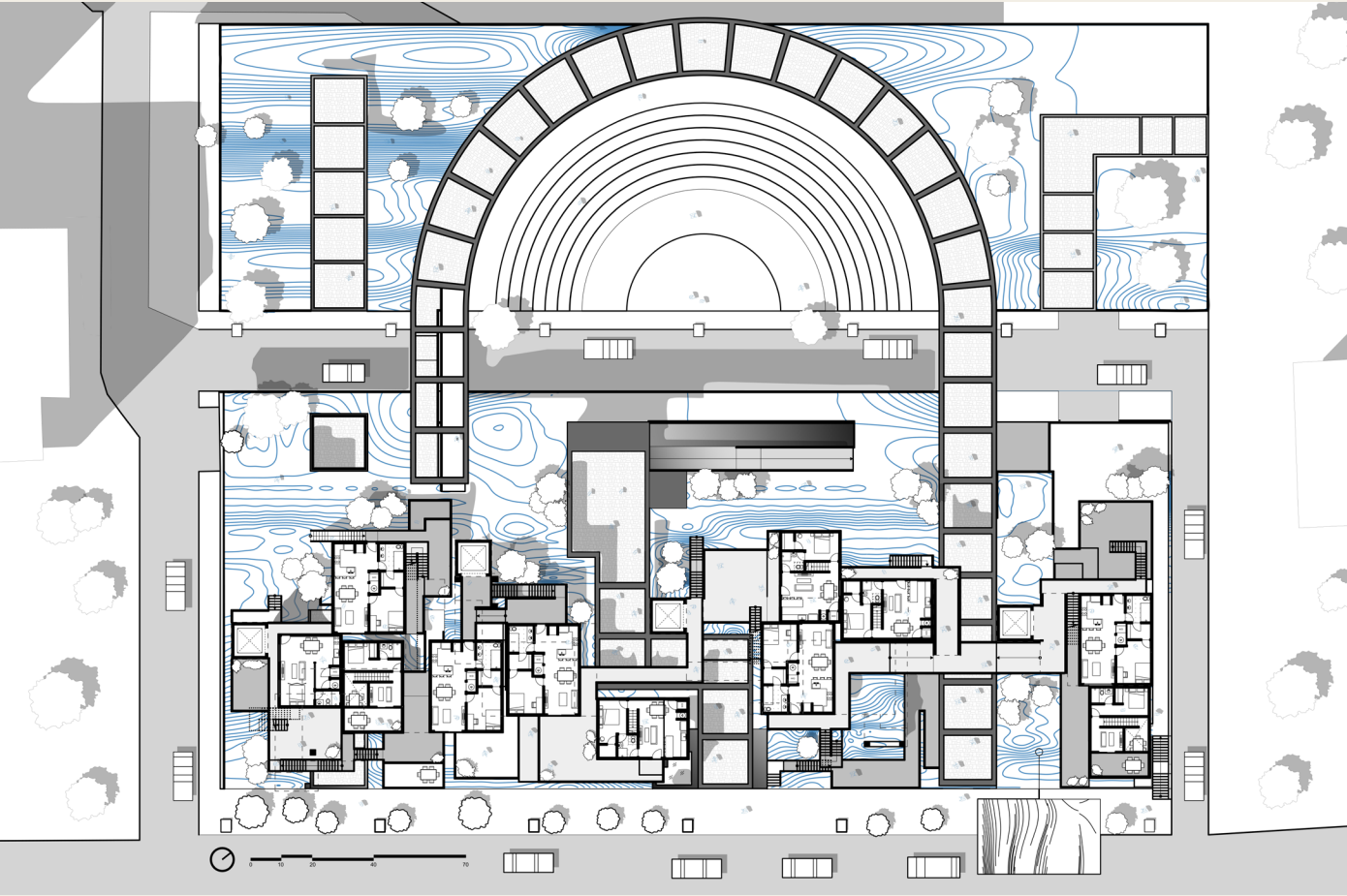
PROJECT DESCRIPTION

Dwellings at Lamar treats the artificial hill as an inhabitable structural landscape. Computational studies in Grasshopper shaped the rainwater strategy, tested the terrain, and generated space trusses capable of supporting the lifted ground. The project moves between dwelling, infrastructure, and shared ground using analysis not as an afterthought, but as a generator of form.



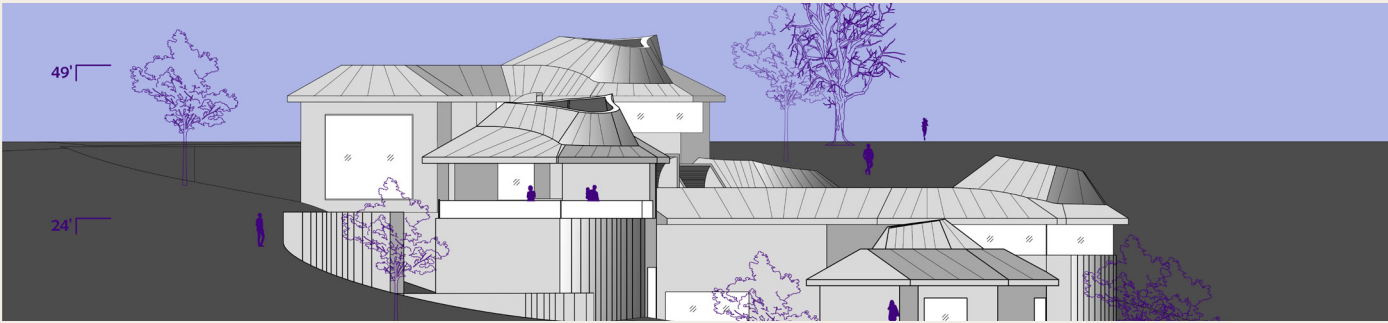
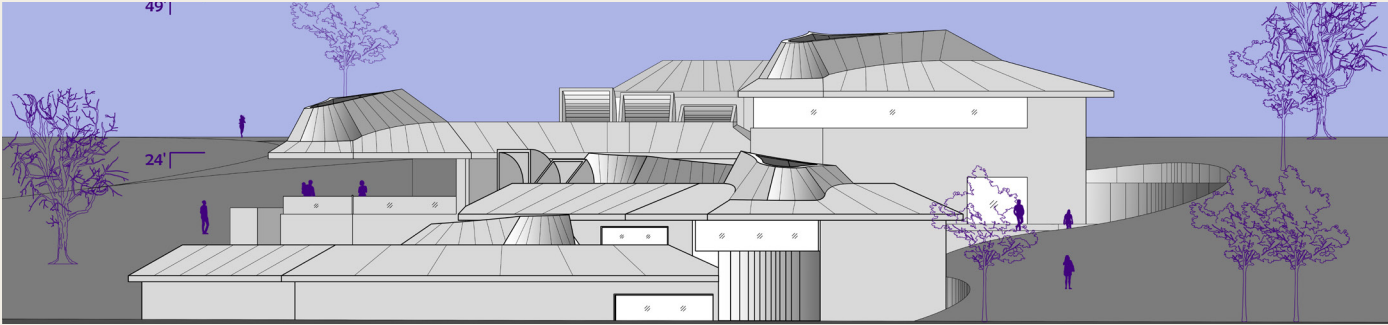
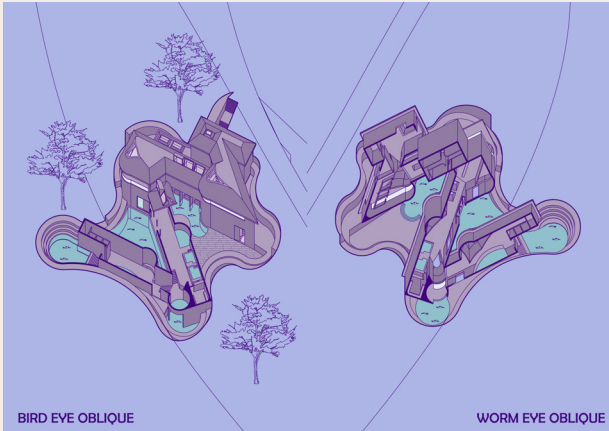
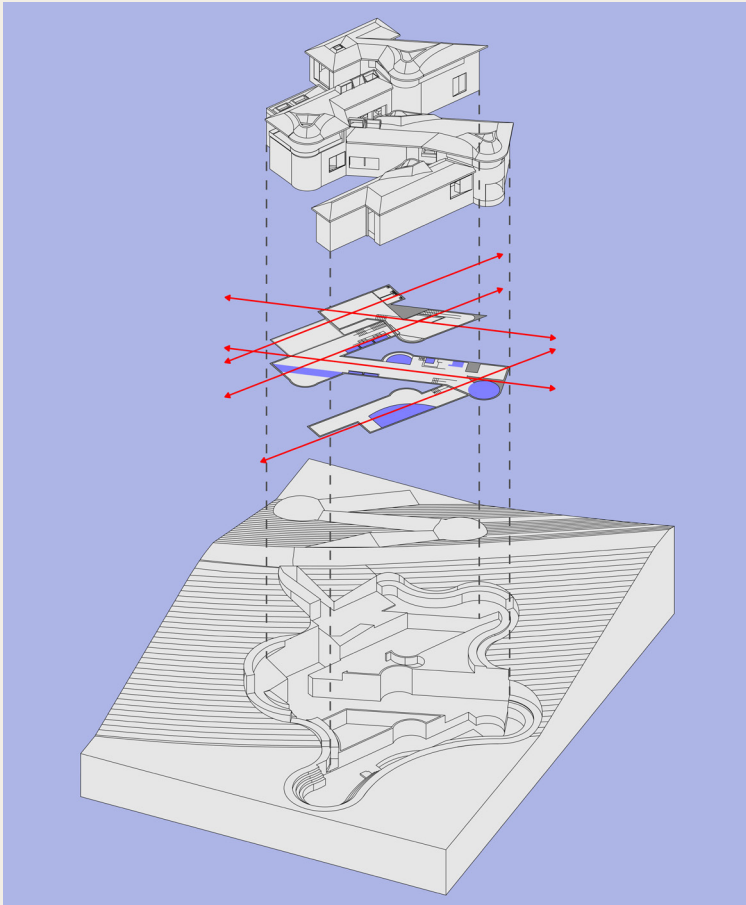
DWELLINGS AT LAMAR

GRASSHOPPER STUDIES · RAIN ANALYSIS · SPACE TRUSSES



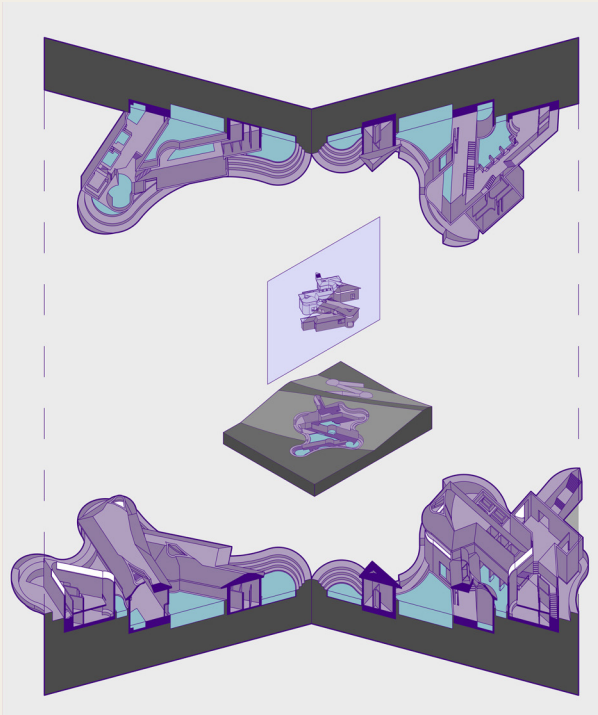
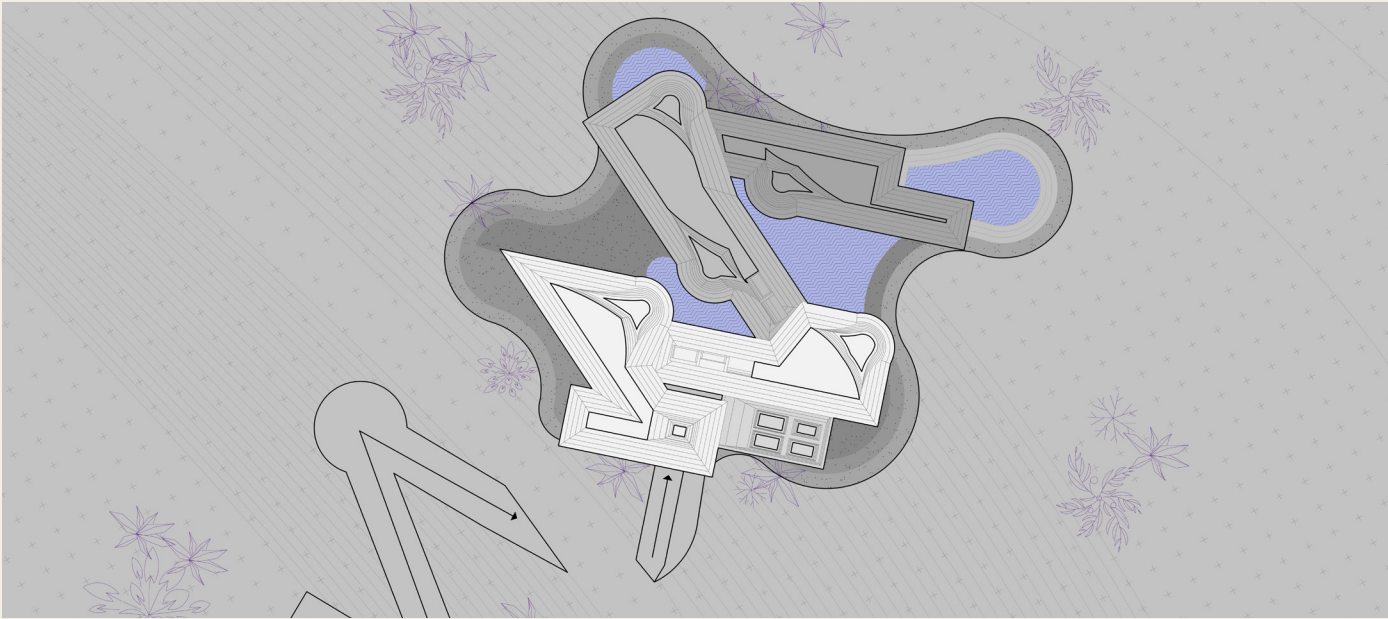
TRINITY BATH HOUSE | MATERIAL + MASS

A study in organization, light, and procession



TRINITY BATH HOUSE | MATERIAL + MASS

SITE PLAN, OBLIQUE



PROJECT POSITION

This project studies architecture as a sequence of thresholds: compressed rooms open into shared courts, and a continuous structural frame guides movement through light, shadow, and view. The blue-toned perspectives test atmosphere and inhabitation, while the oblique, cutaway, and diagram studies make the project's organization legible from its first formal gesture to the spaces occupied by the body.

GRASSHOPPER + AI

EXPIRIMENTS WITH AI & GRASSHOPPER



GRASSHOPPER + AI

EXPIRIMENTS WITH AI & GRASSHOPPER

PACK cell scale

1.000

○

PACK vertical anisotropy

1.350

○

PACK liquid fraction

0.450

○

PACK privacy gradient

1.000

○

PACK unit count

48

◇

PACK spine width

3.200

○

PACK floor count

4

◇

PACK removed cells

8

◇

PACK gallery width

1.900

○

PACK wall smoothing

0.460

○

PACK view floor (0=3D)

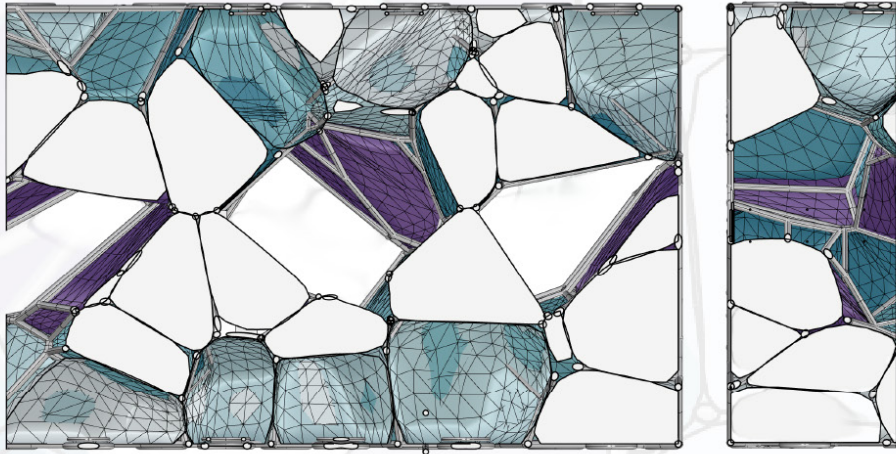
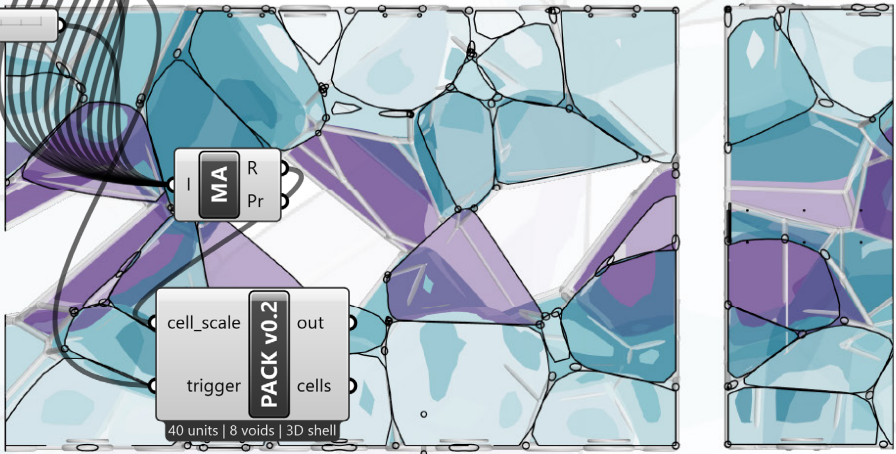
0

◇

PACK opening ratio

0.740

○



FOAM

RESEARCH

RESEARCH CONDUCTED AT THE FRONTIER OF ARCHITECTURE

