MARS HABITAT Group 1

DIYA

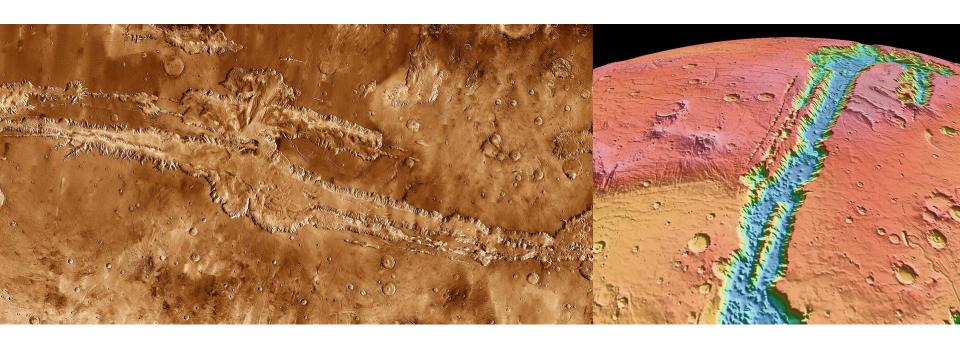
GRAYSON

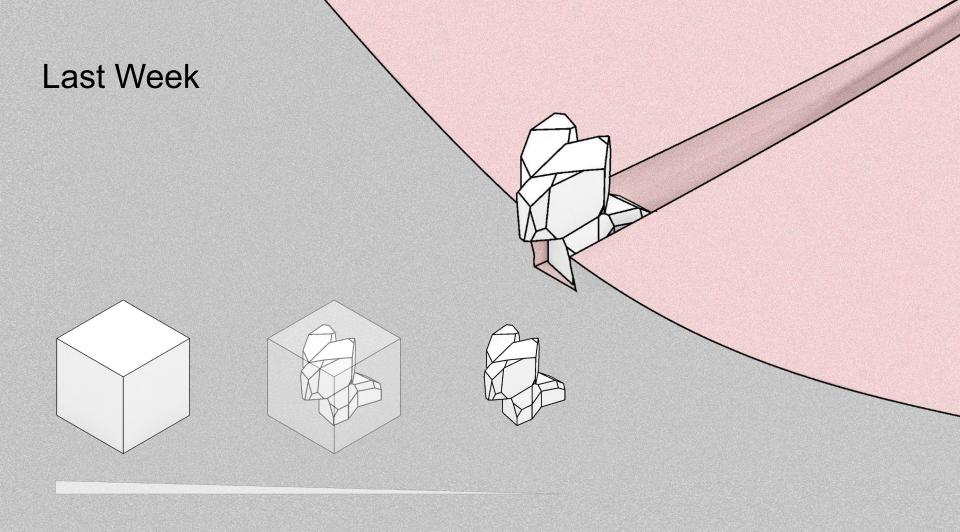
WAN

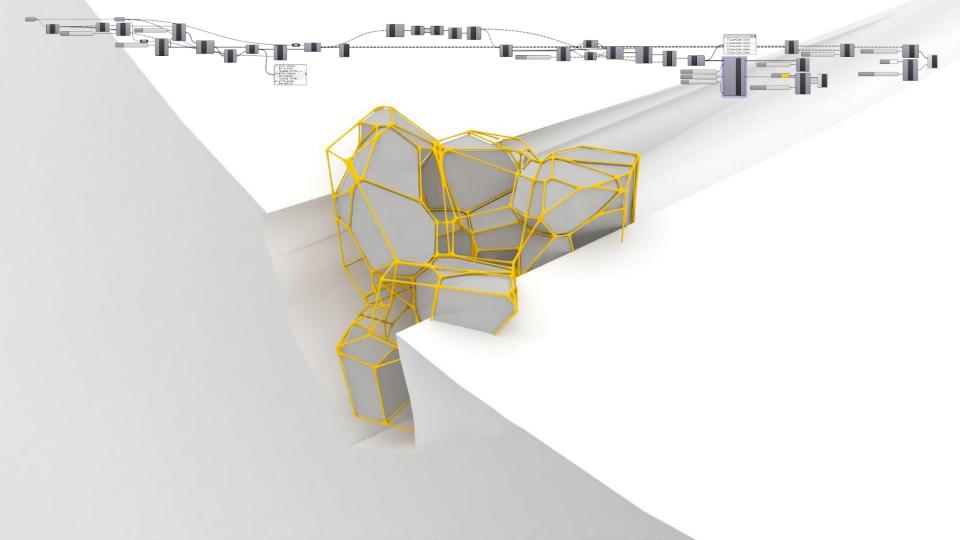
ANAN

ZHANG

Valles Marineris

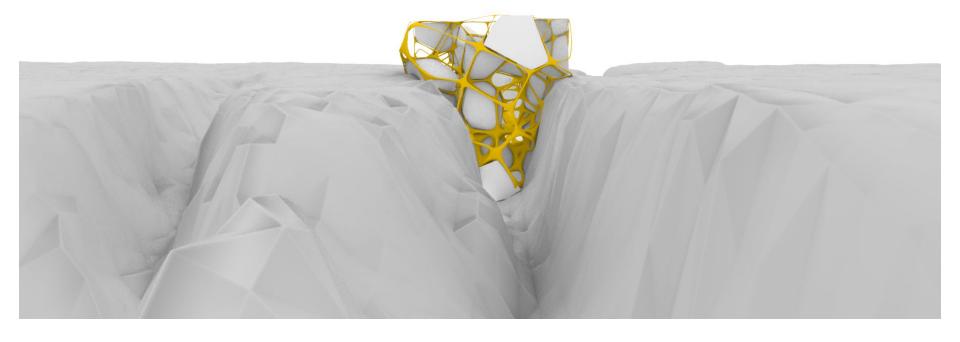




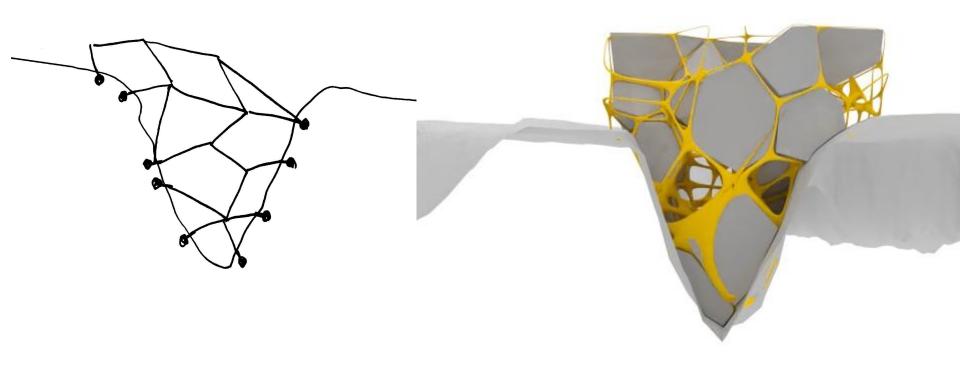




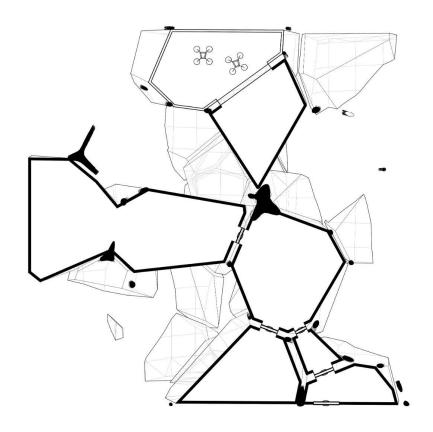
Overview



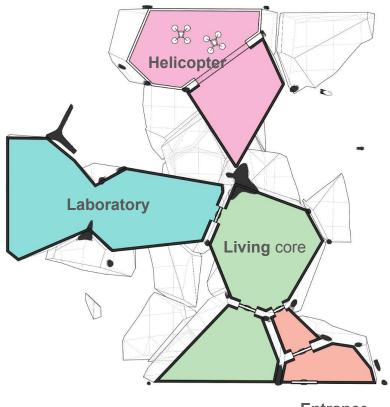
Structure



Plan

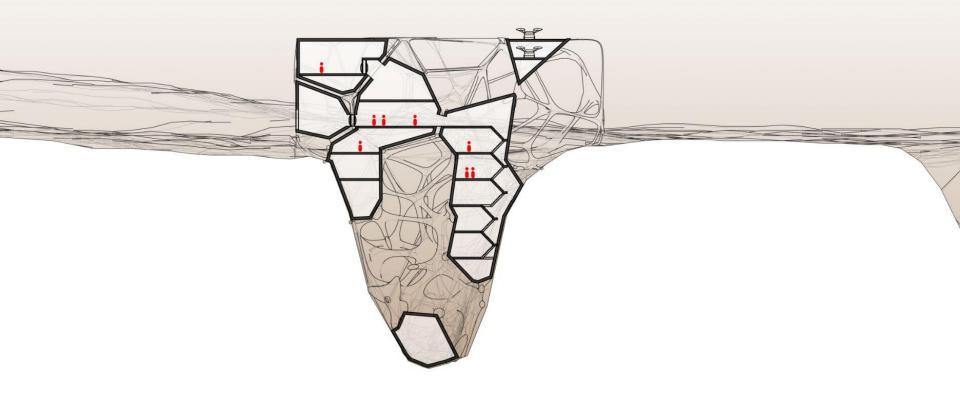


Function

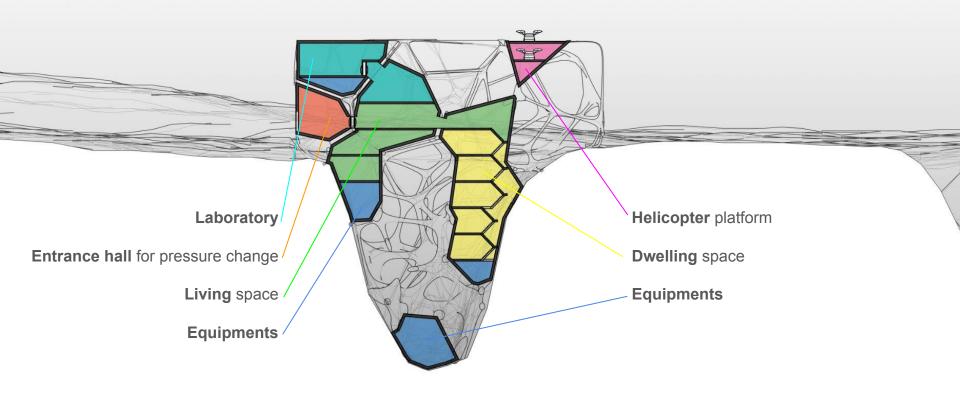


Entrance

Section

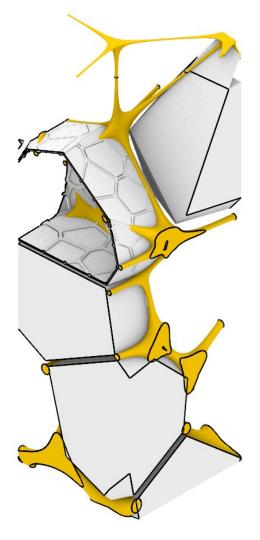


Function

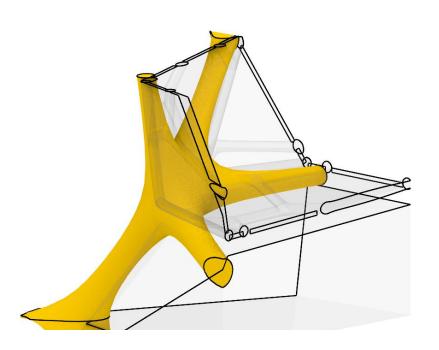


Components

- Basic Organic Cell unit
- Each unit is stacked vertically and horizontally
- Concrete Printed Skeleton Structures support the units
- The division of the surface of each cell also use voronoi cells



Fragment



- Part of Skeleton structure (5*5*5m)
- Print in 1:10 scale