THE MORNING AFTER WE LAND ON MARS

≈2,000 HOURS

2 SELF-DIRECTED MARS PROPOSALS

1 QUESTION I STILL HAVEN'T STOPPED ASKING:

WHAT HAPPENS NEXT?

GET THERE → **BUILD THERE** → **LIVE THERE**

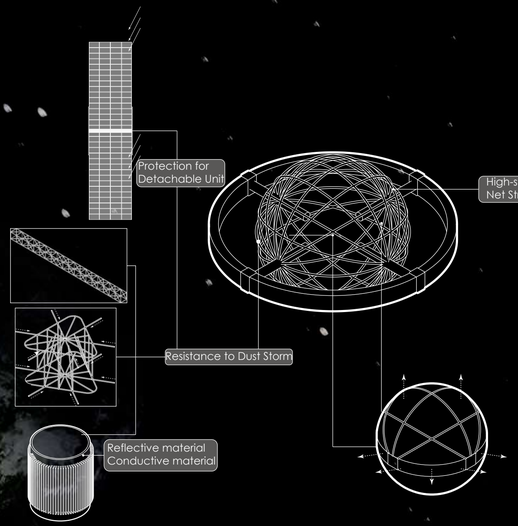
MICHAEL WANG
M.Arch Candidate · University of Toronto

GET THERE

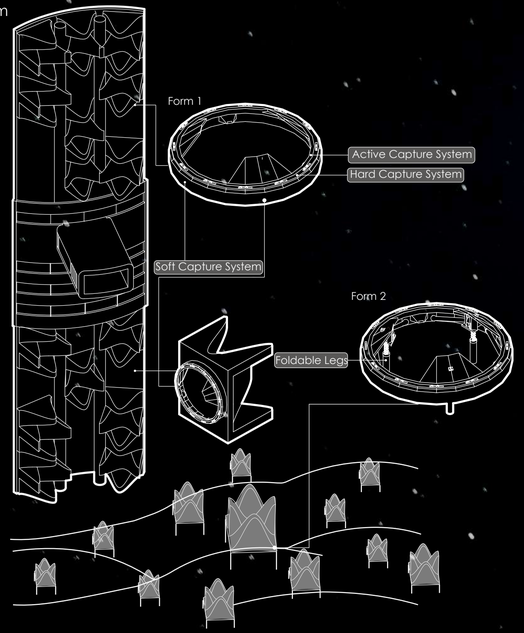
HOW DOES PART OF A SPACECRAFT

BECOME THE FIRST ARCHITECTURE ON MARS?

Orbiting



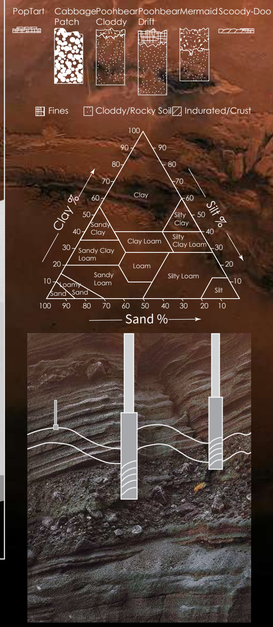
Docking System



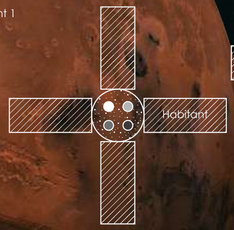
6-step deployment sequence

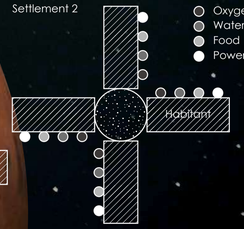
NASA studies used to ground key environmental and mission assumptions

Martian Soil Layering



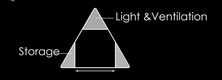
Mars Habitant





Stability

Spatial Utility



BUILD THERE

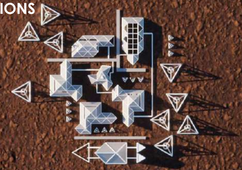
HOW DOES ONE HABITAT BECOME A CITY?

14 MODULAR UNIT TYPES

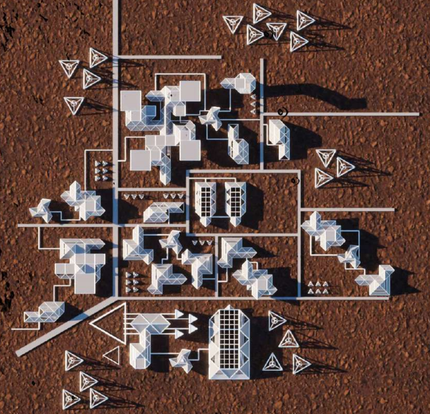
6 PARAMETRIC ITERATIONS

4 DISCARDED SCHEMES

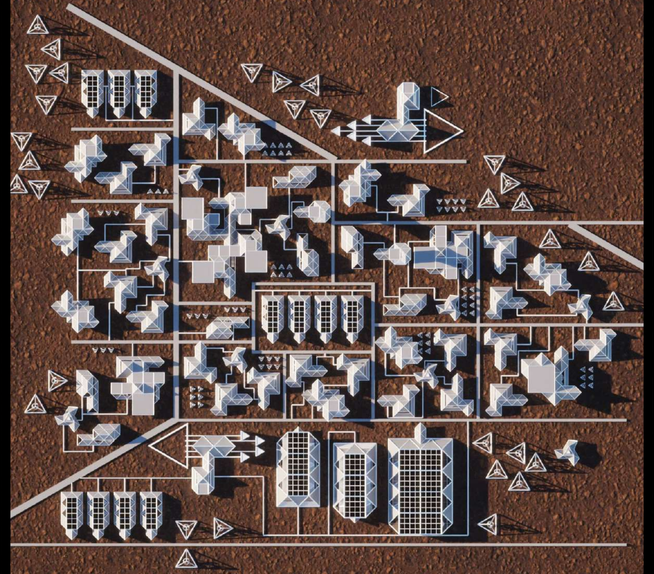
3 GROWTH TRANSITIONS



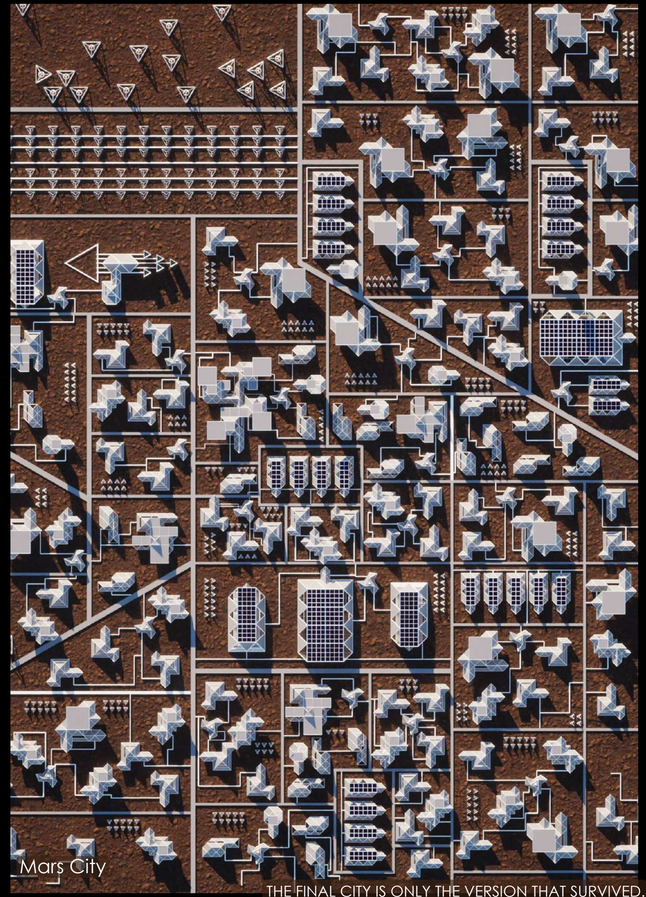
Initial Base



Mid- sized Base



Small Colony



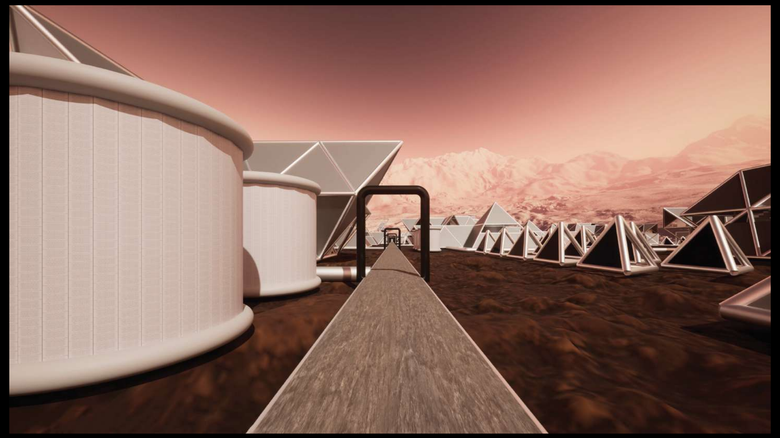
Mars City

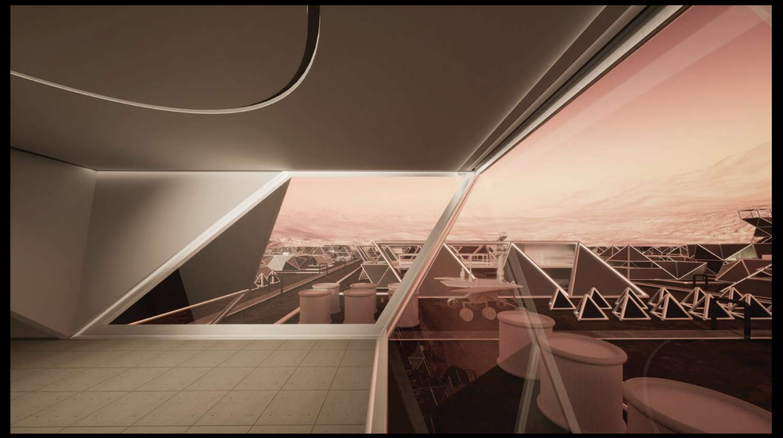
THE FINAL CITY IS ONLY THE VERSION THAT SURVIVED.

LIVE THERE

A HABITAT CAN KEEP YOU ALIVE.

WHAT MAKES YOU WANT TO STAY?





GET THERE → BUILD THERE → LIVE THERE

≈2,000 HOURS LATER, I'M STILL ASKING WHAT COMES NEXT.

Michael Wang
waynemichael02105@gmail.com