The background of the image is a close-up, abstract view of a textured fabric, possibly silk or satin, with a rich, warm color palette ranging from deep burnt orange to dark reddish-brown. The fabric's surface is covered in a complex, organic pattern of fine, crisscrossing lines that create a sense of depth and movement, resembling a topographic map or a microscopic view of a cellular structure.

ROOSEVENTZKY SAINT-FLEUR
ARCHITECTURE PORTFOLIO



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III



II



i. an uprooted new york | ii. extreme emergency environment | iii. glass from the past

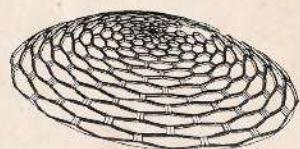
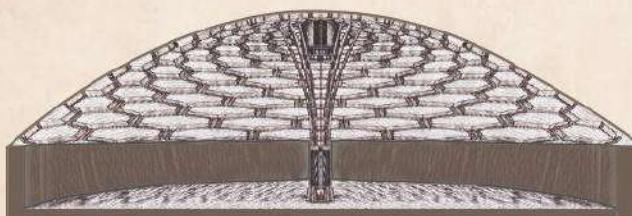
I

AN UPROOTED NEW YORK

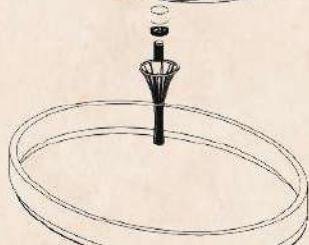
An infrastructural frame with modular pods designed for various centers, residential and living situations.

Strategically, these pods can be used as a long term solution to artificially manipulate the housing & cost of living challenges in New York. Because these pods can be transported to other settlements; infrastructural frames built throughout New York, this can reduce human capital flight, (whether a business or a residence) to uproot to another borough instead of another state, or even country.

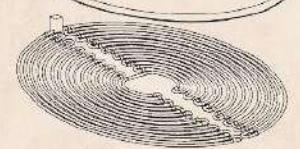
When put on infrastructural constructions units, it's easily detachable for transportation, and when areas of aggregation have no pods, they can support temporary shops, events, and storage.



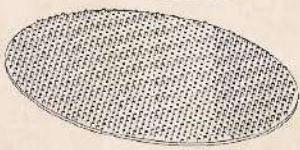
Pod Structure



Thermal Comfort Module
Wall



Floor Heating



Base

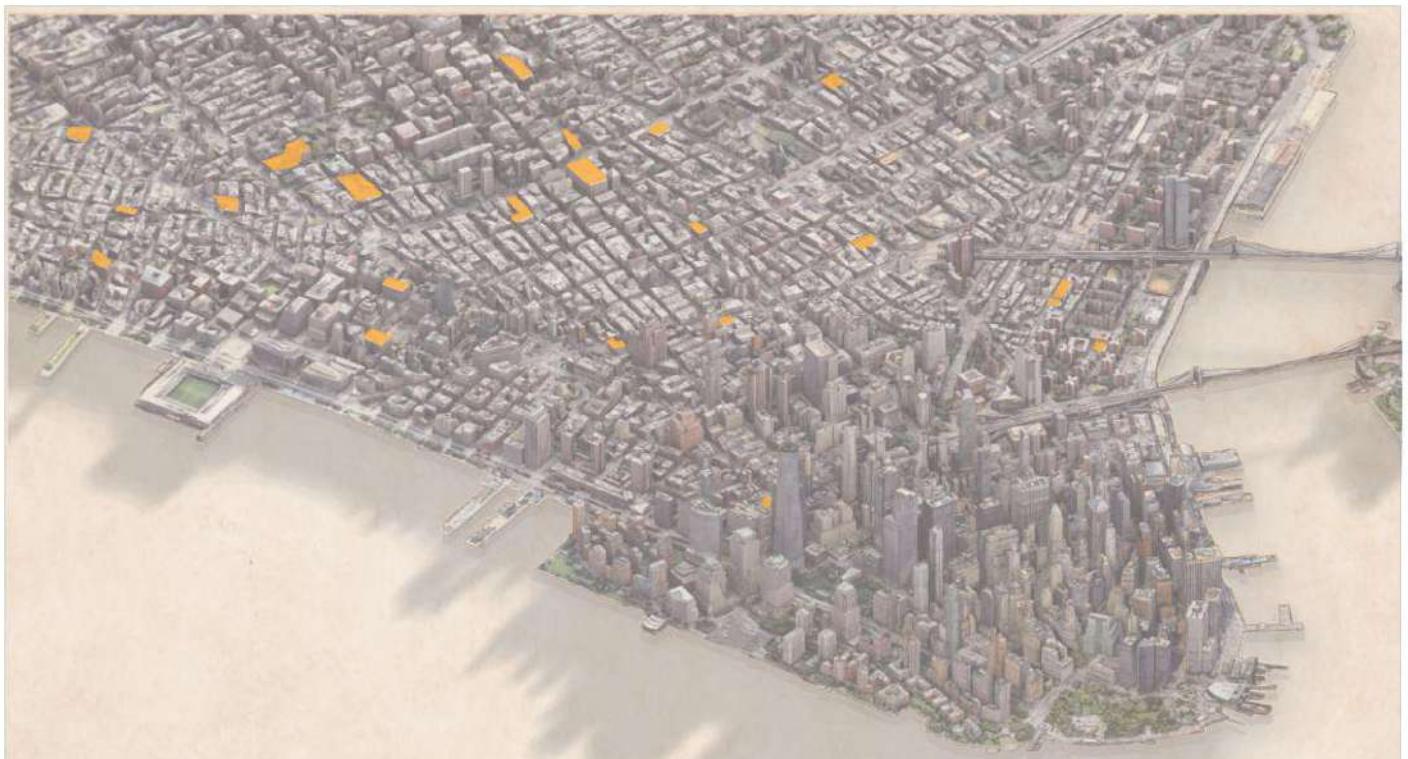


Park Avenue | Park Avenue Armory & Further Sites Proposed

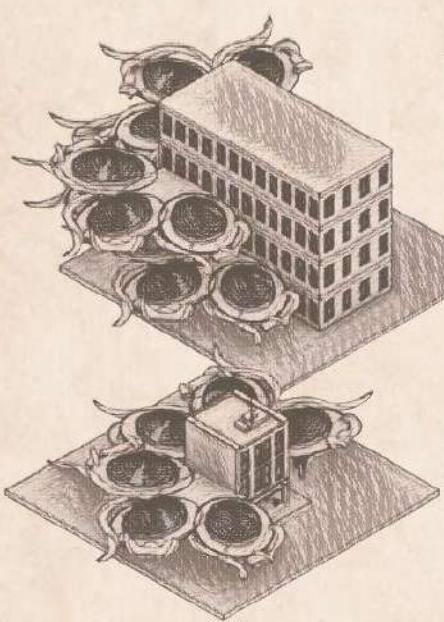
LEGEND

- Further Site Proposals
- Park Avenue Armory
- Park Ave.

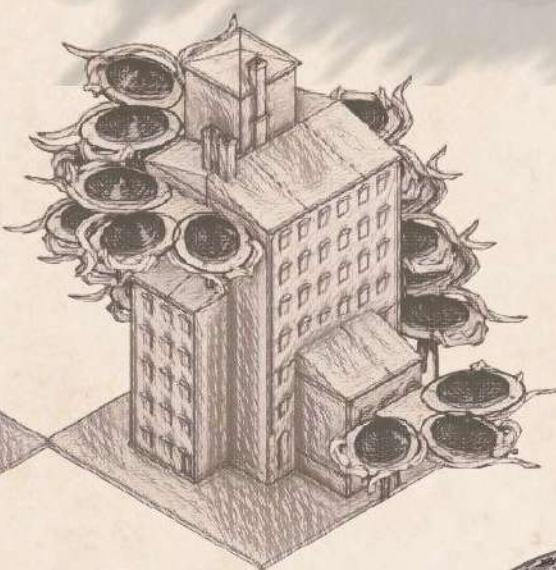




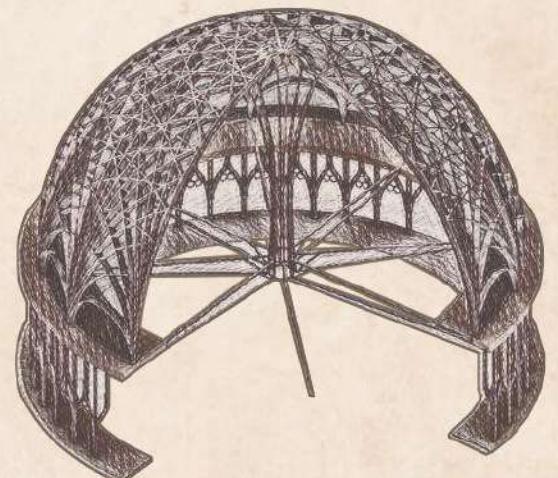
Capacity II



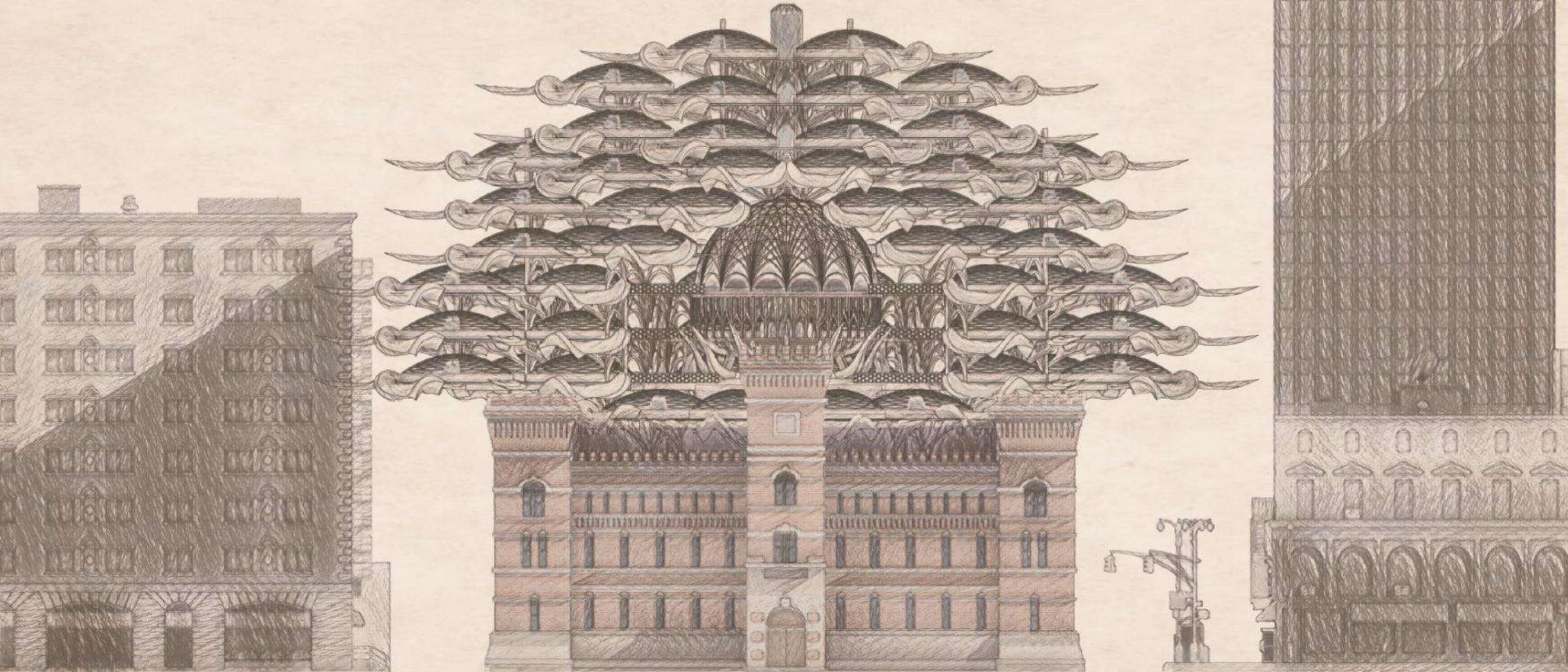
Capacity I



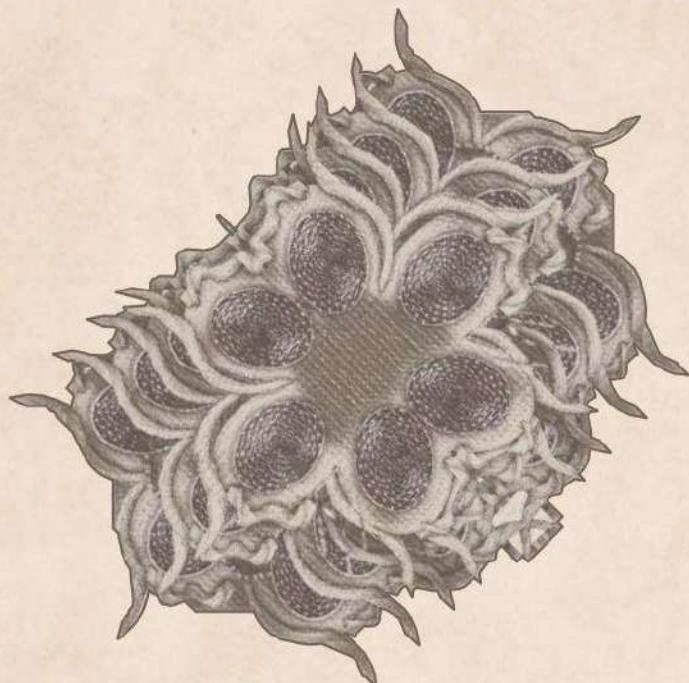
Capacity III



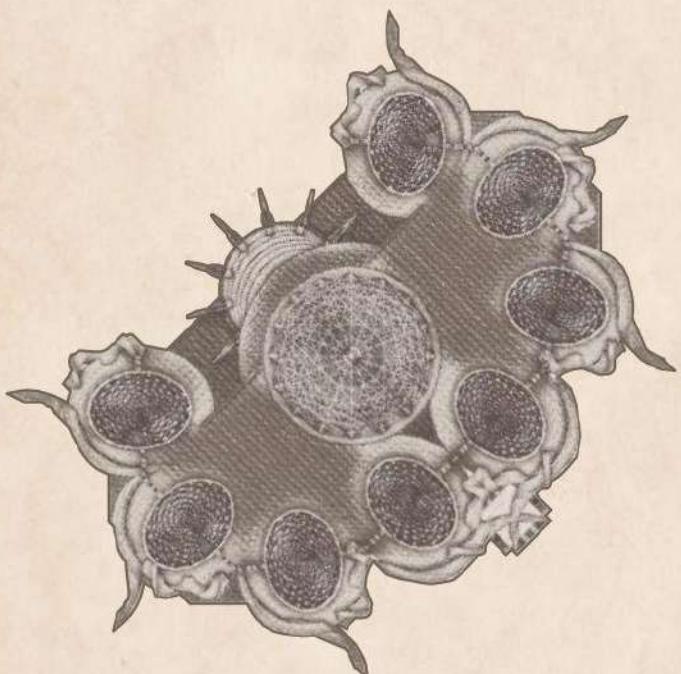
Axonometric Section of Core



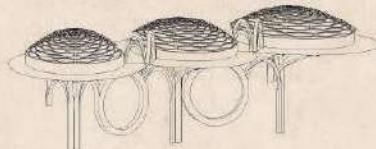
TIMELINE OF
POSSIBLE CONFIGURATIONS



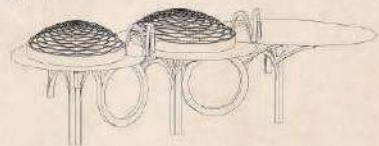
ROOF PLAN



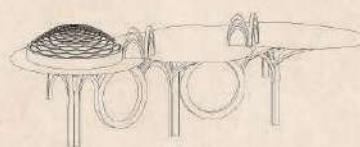
LOBBY FLOOR



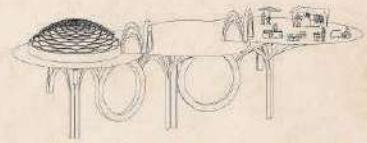
i. Oswald rents a pod,
next to a locksmith store



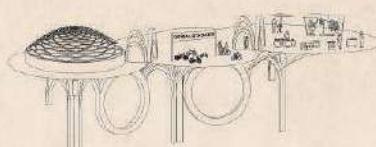
ii. 5 yrs, he moves out
no new tenant



iii. 6 mths, new tenant
takes pod to
brooklyn branch
for job opportunity



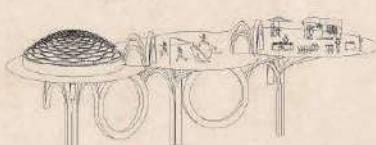
iv. 6 mths, empty spaces rented
for open market, success of market
attracts residents to adjacent pods on
other floors



v. Oswald returns, rents space to
create a bicycle business



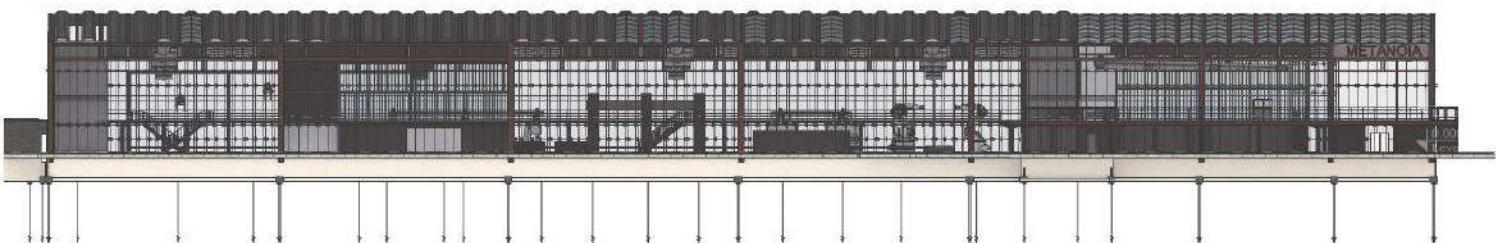
vi. residents find out their
stolen bikes are being sold at Oswald's

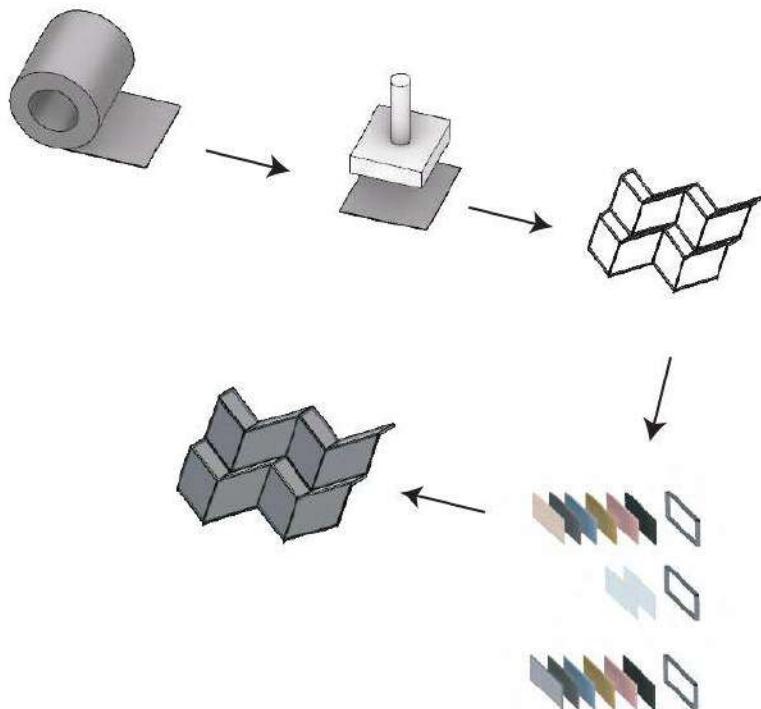


vii. Oswald is promptly run out
of town by angry
stolen bicycle mob.

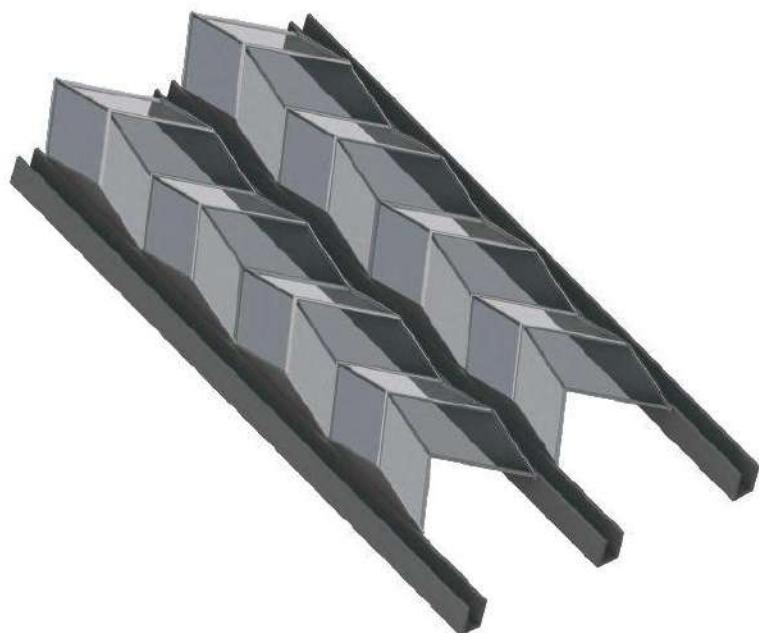


E3: EXTREME ENVIRONMENT EMERGENCIES

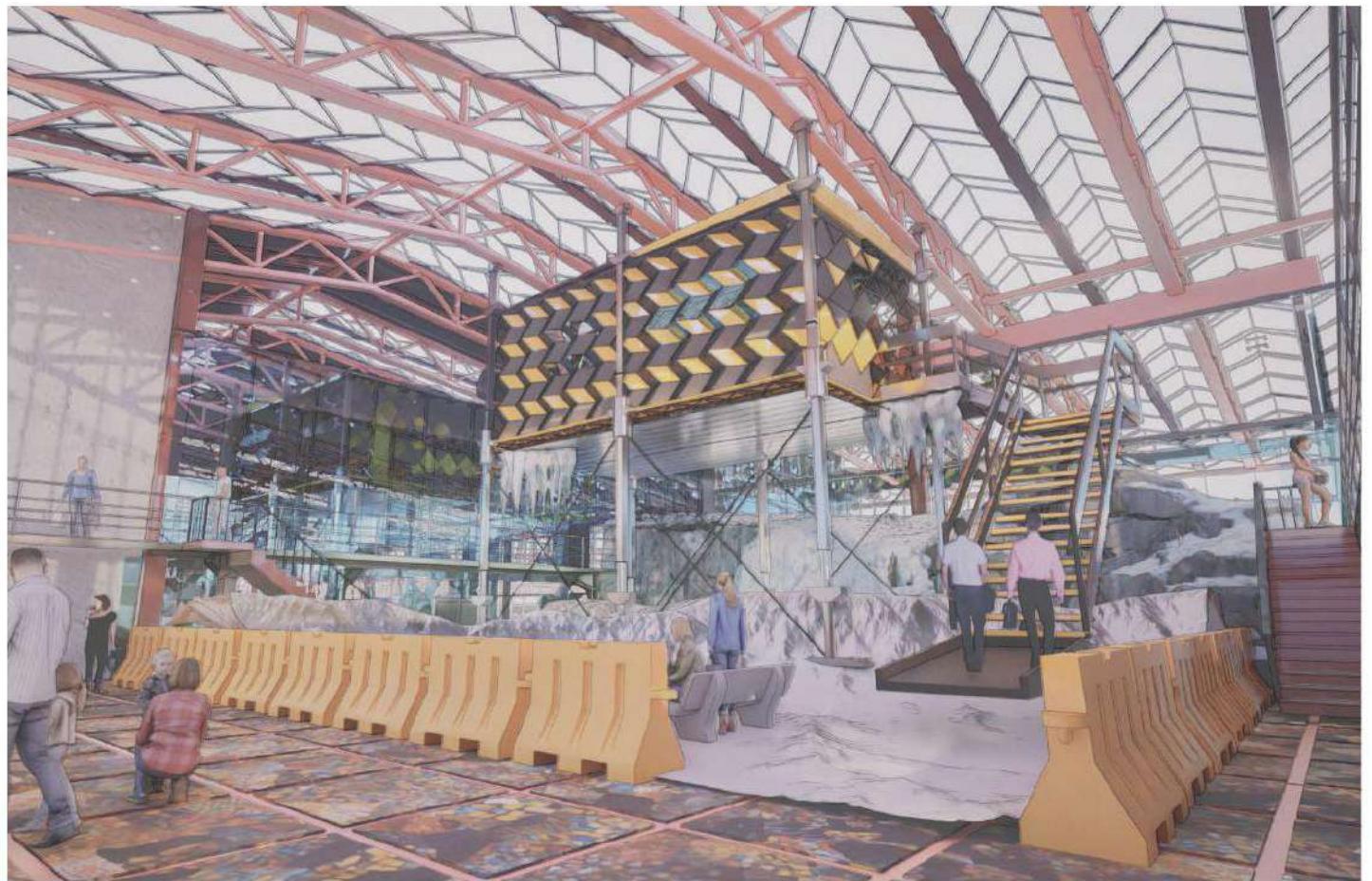




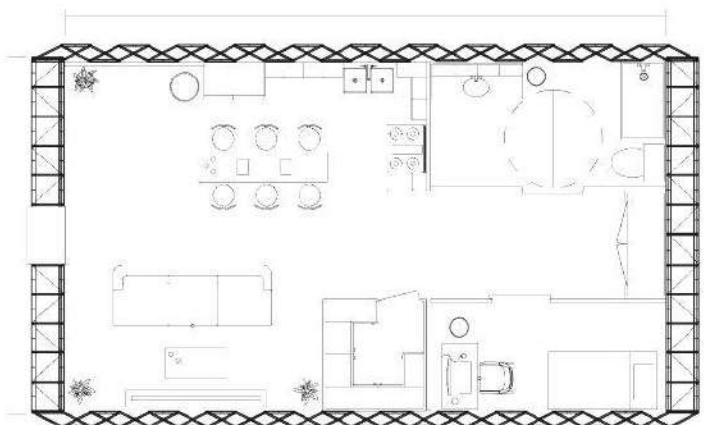
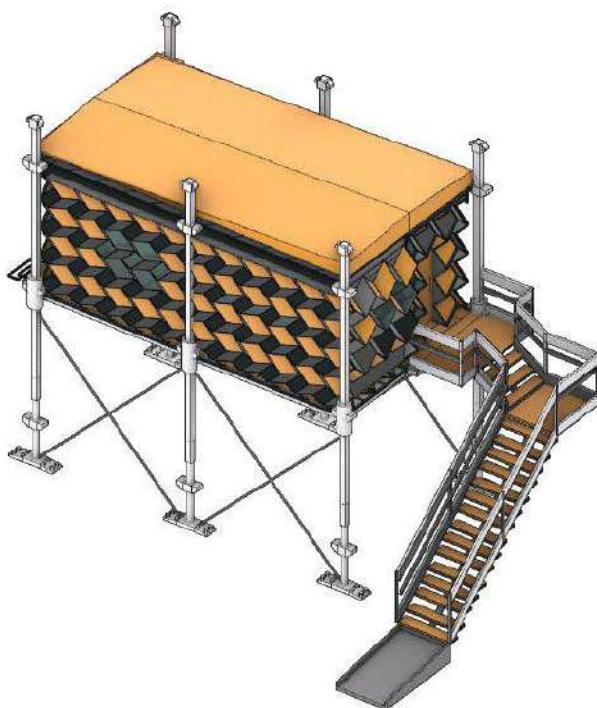
Extreme Environment Emergency housing is predicting outcomes that substitute for disaster relief & extreme environment living conditions.



Since the parameters of the project required efficiency in terms of speed of erection, the warehouse reused multiple design elements from the modular house, most prominent is the adaptive panel solution.

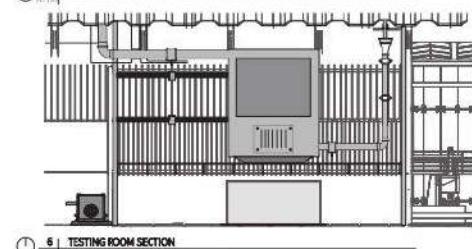
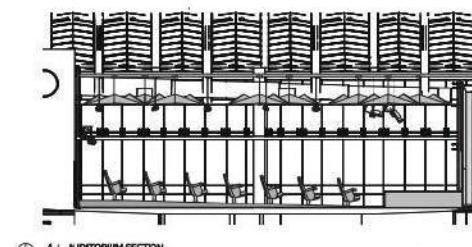
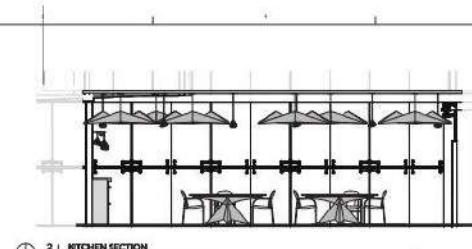
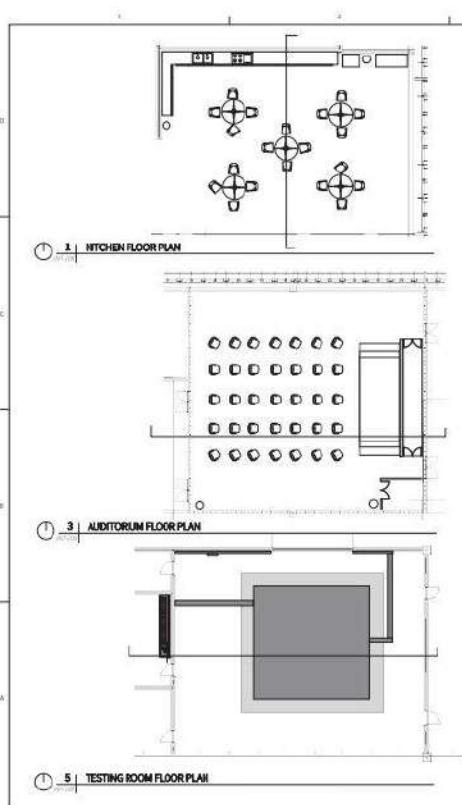


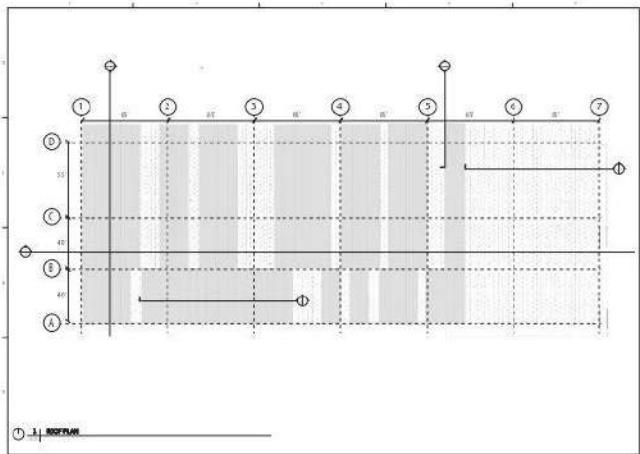
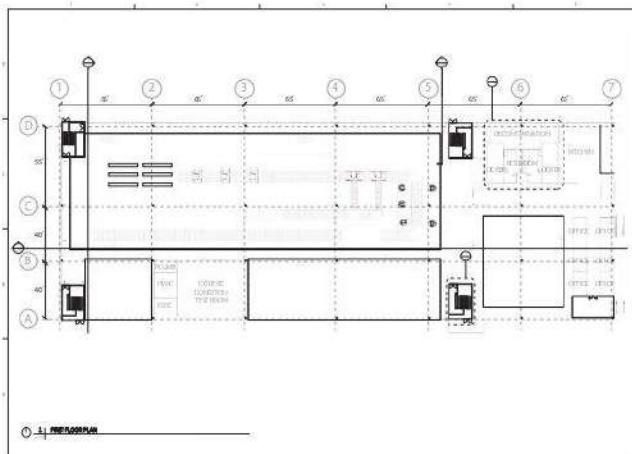
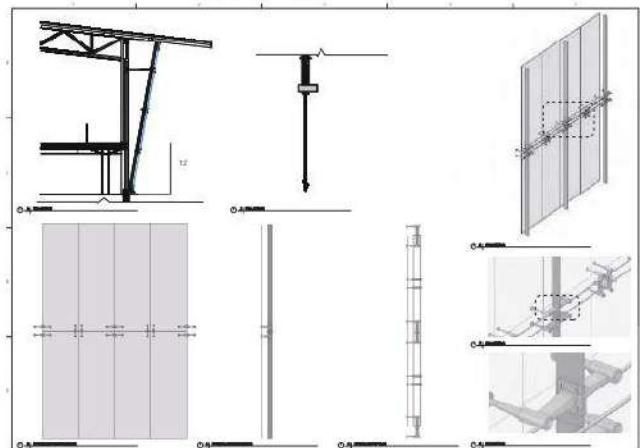
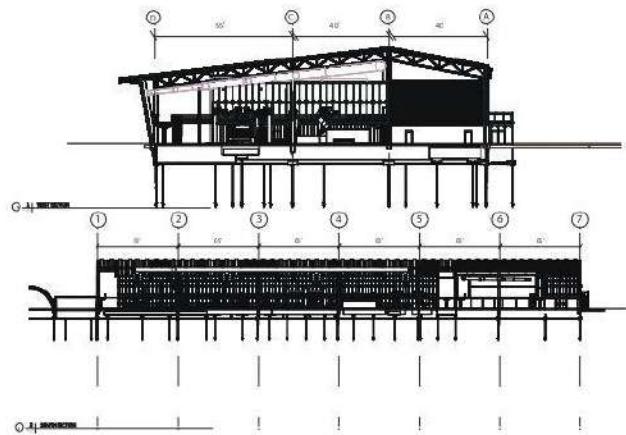
These panels act as suspensions on the frame to rebound from various load pressures, climates & conditioned to be compacted for transportation



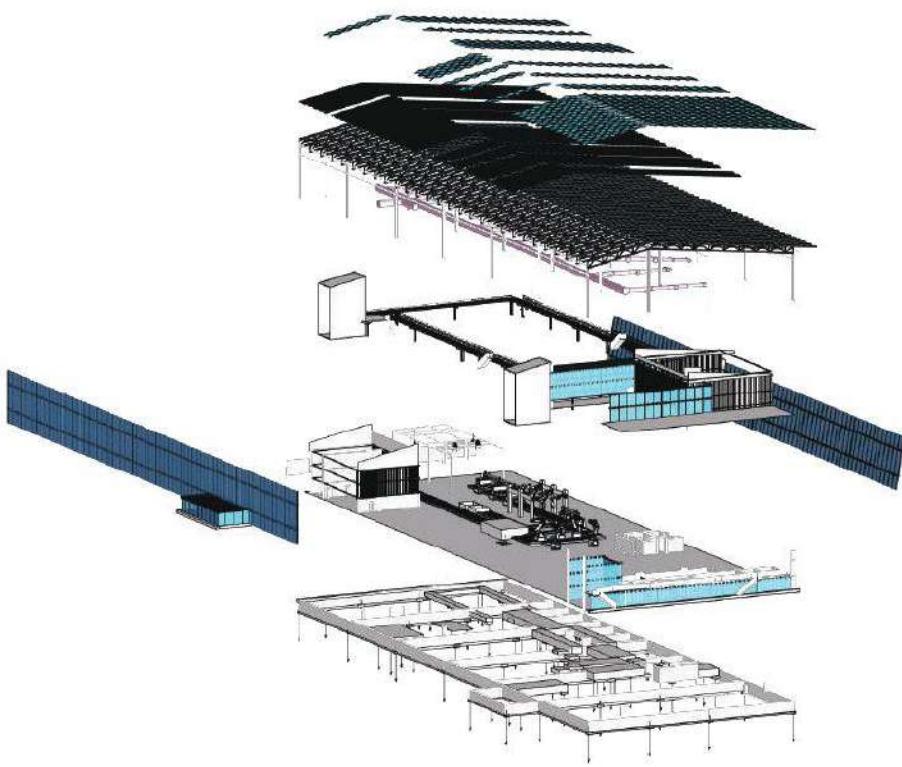


Also incorporates local community interaction while having test rooms to prove the sturdiness of each house





Lastly the transparency plays a role where the community can literally see its production and remove the air of secrecy and become an inviting space for integration, encouragement & employment



① 2 EXPLDED AXONOMETRIC

III

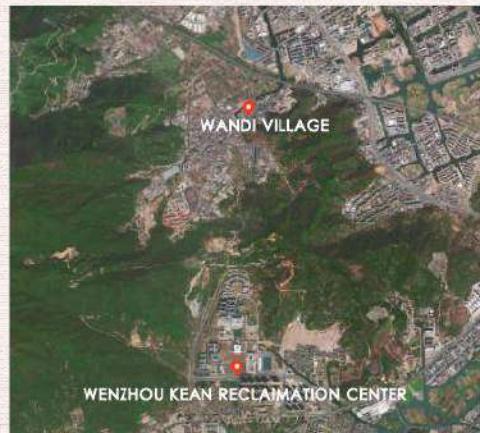
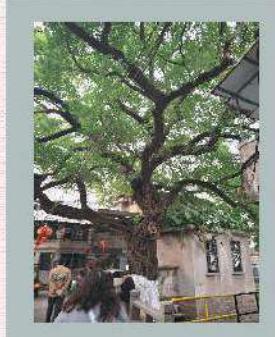
GLASS FROM THE PAST

WENZHOU
温州

What are broken shards of glass worth?



VILLAGE LOCATION IN WENZHOU.



VILLAGE LOCATION IN RESPECT TO NEAREST RECLAMATION CENTER.

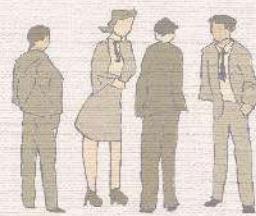
*In this village, using the communities budget to buy new isn't applicable.
Many villagers use reclaimed materials from demolitions which is stored used to close off
fenestration and strengthen structural elements.*



*These demolitions heavily focus on possible prospects,
having an oversight with the reusability of those trashed materials.*

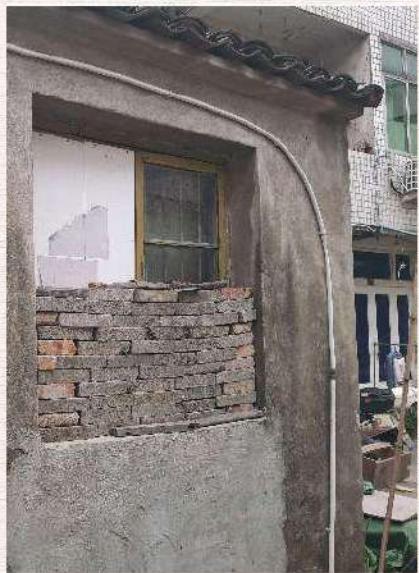


Newer Units Abandoned or Underutilized



Older Villages Left in Disrepair



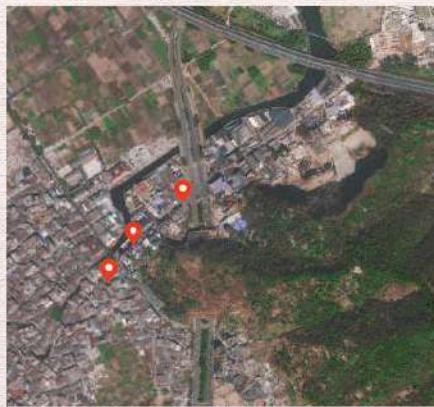


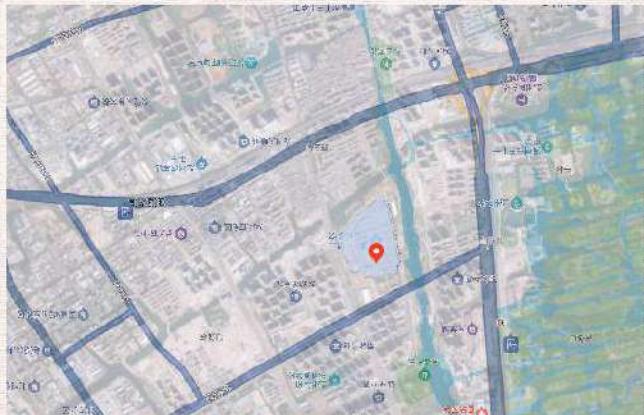
*Most common reuse is bricks, wooden planks and concrete,
making glass quantifiable waste.*



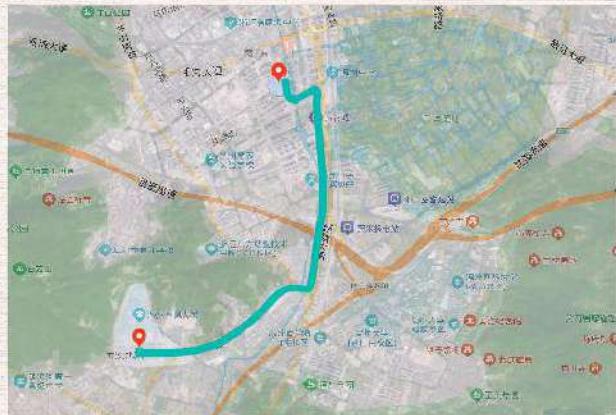
WALL ADDITION DEVELOPED USING GLASS SHARDS AS DETERRENT

*There becomes a need for reuse of broken glass,
so the waste is remedied, and applied to this village.*



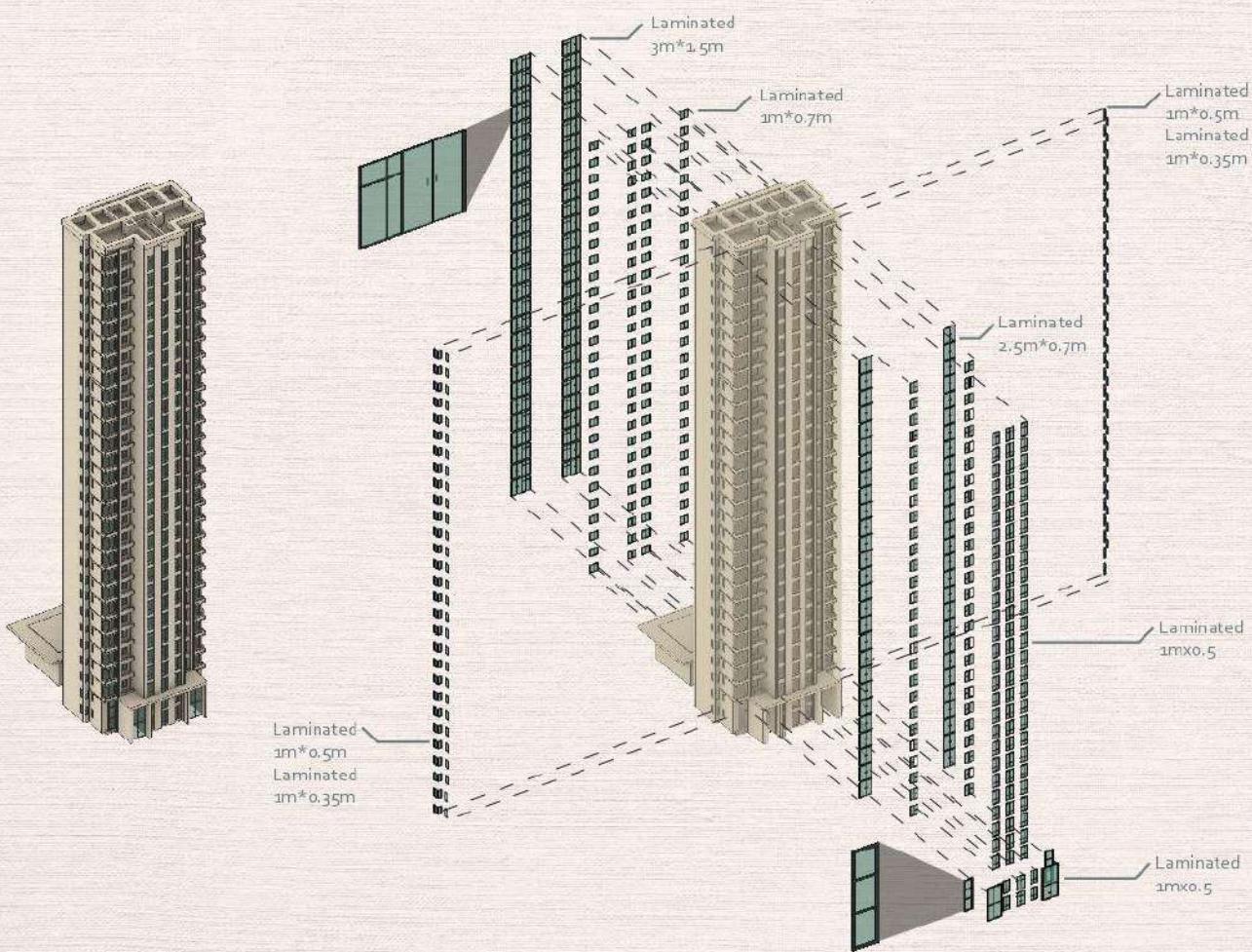


Example Demolition Site



Example Transportation Route - Truck Fleet

The proposal is to catch these buildings before or while demolition, record resources and salvage the glass elements.



Example Salvage Quarry: Demolition of Building XYZ,
No. 100, Nanhui Road, Ouha District, Wenzhou City, Zhejiang Province
*Base building model courtesy of Wenzhou Kean University ARCH 2204 Wo1 SF 2025



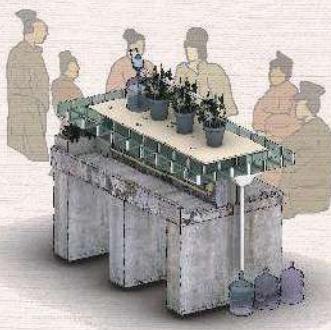
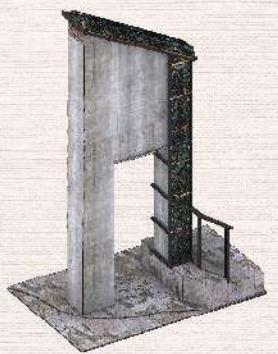
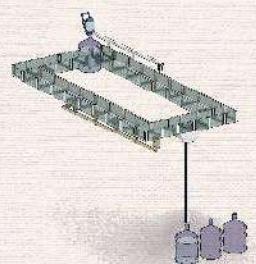
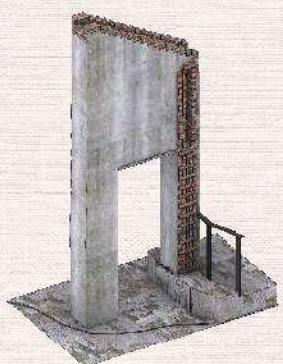
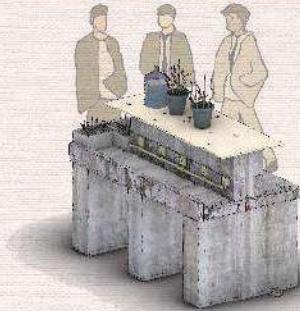
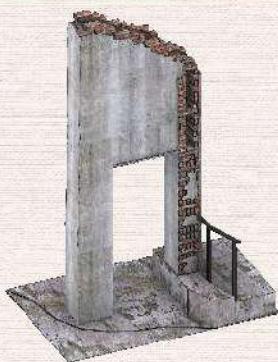
Glass Frame Bracing



Pulverized Aggregate

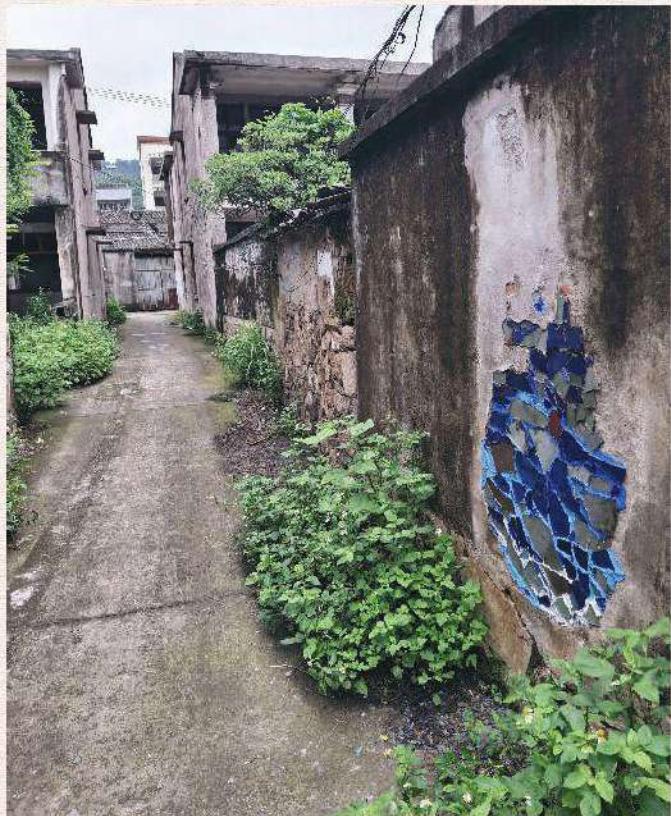


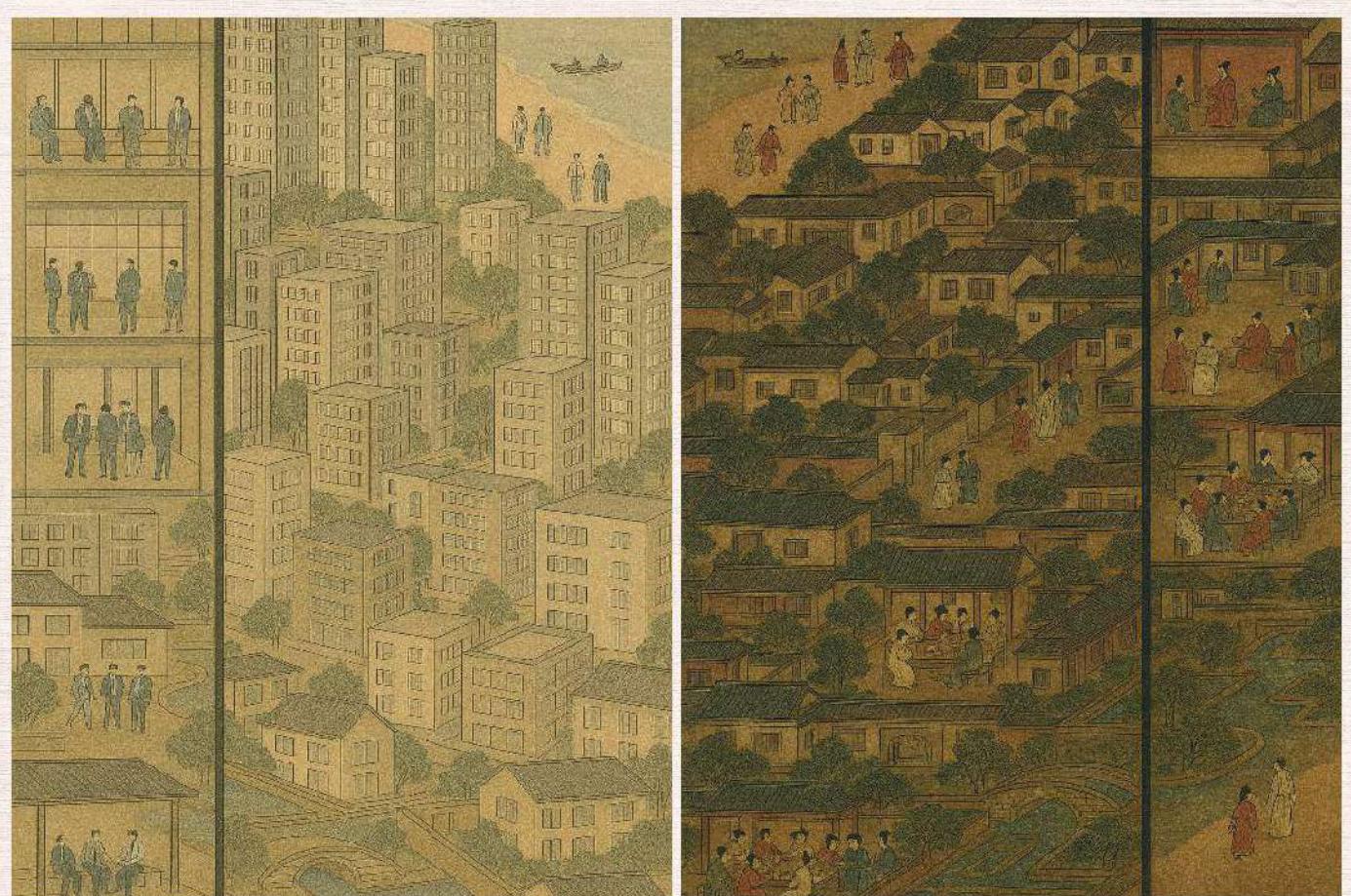
Glass Brick Gutters



*Recorded damages then create solutions
that use glass as a prominent feature*







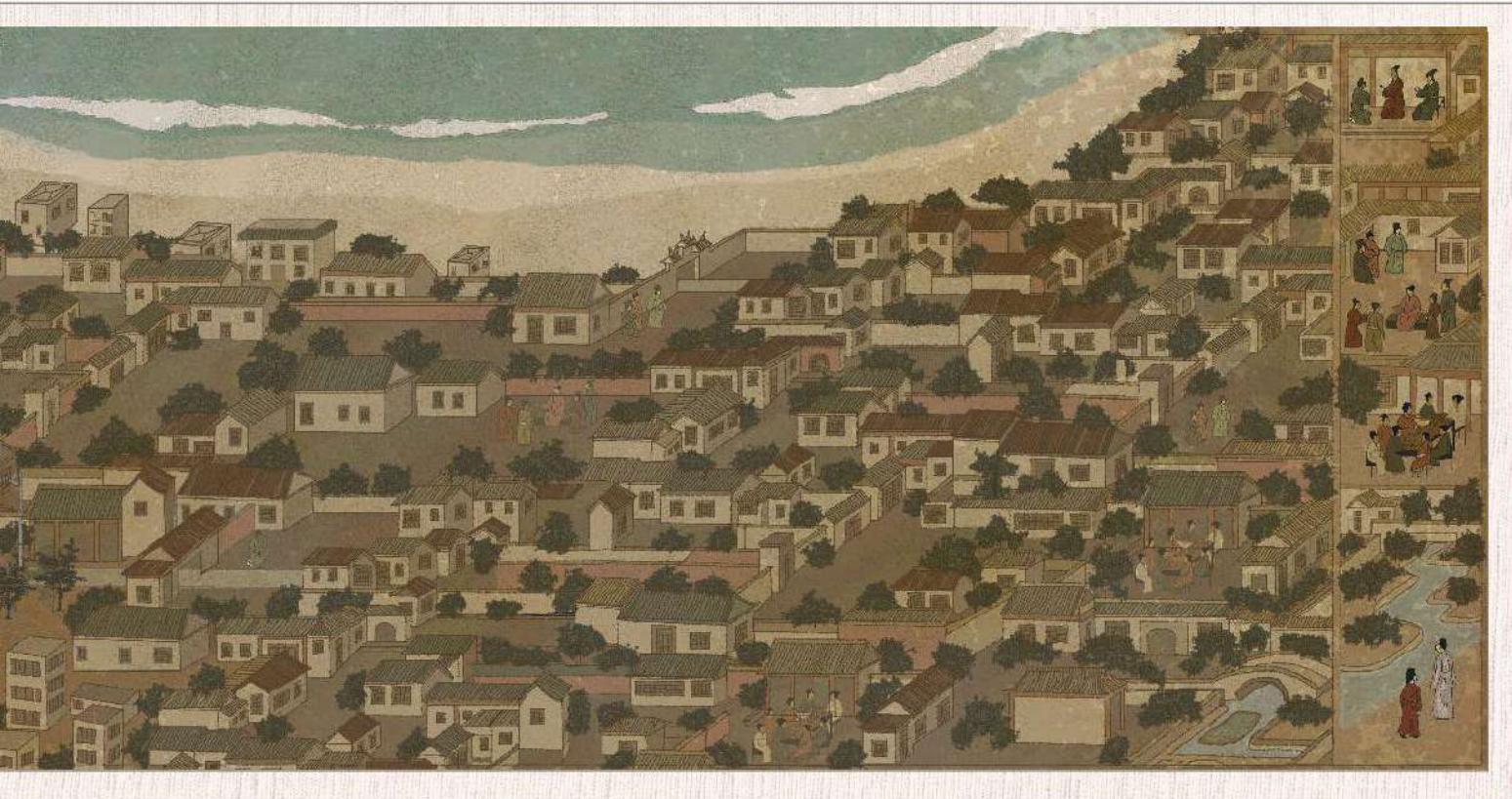
*above pictures prompted in cGPT

*Lastly, this was presented to the locals
as a form to reuse and rebuild for their villages,
opening their horizons to what else they can do with
salvaged glass.*





*Overhauled & drawn in Clip Studio Paint



人生愁恨何能免
鎖魂獨我情何限
故國夢重歸覓來雙泪垂
高樓誰與上長記秋晴望
往事已成空遠如一夢中

