

THIS IS NOT WHAT A PORTFOLIO SHOULD LOOK LIKE...

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BUT I SUBMITTED IT ANYWAY!

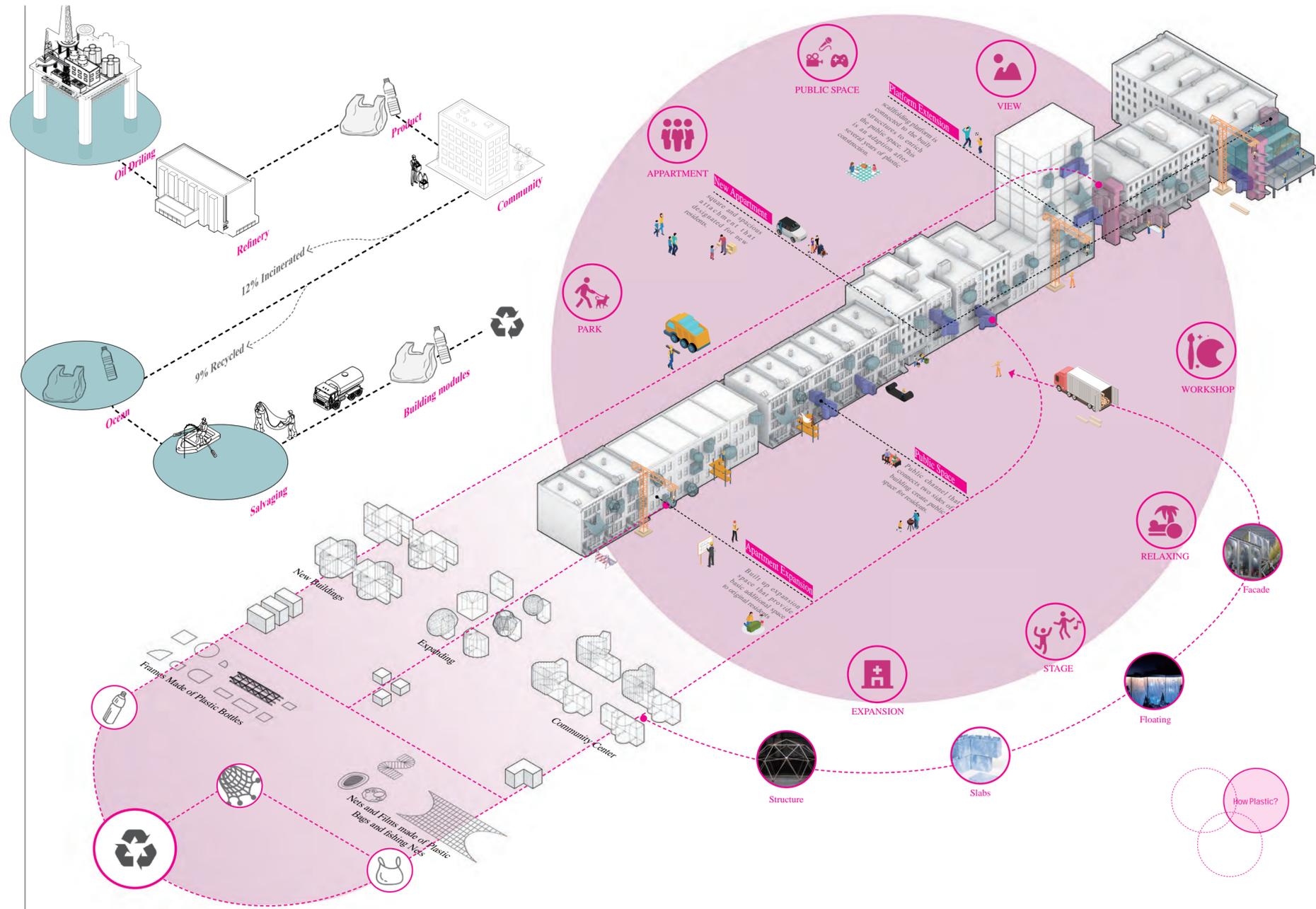
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MISTAKES BY WRONG

2020-2022 WORKS AT COLUMBIA UNIVERSITY SHAN LI



9.5–10.5 million metric tons of CO₂ were emitted during making plastics in US.

In the United States alone in 2015, emissions from fossil fuel (largely fracked gas) extraction and transport attributed to plastic production were at least 9.5–10.5 million metric tons of CO₂ equivalents (CO₂e) per year. Using the recycled material could lower the amount of carbon played in building with traditional materials.



70 employment opportunities were created for building one block extensions

Fisher Man About 30 fisher man participate on the boat salvaging the trash.

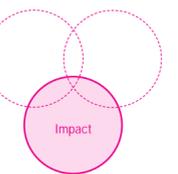
Climate Civilian Corps About 30 labors provided by the climate civilian corps.

Non-Expert Labor About 10 labors could be recruited from society that participating weaving part of the construction.

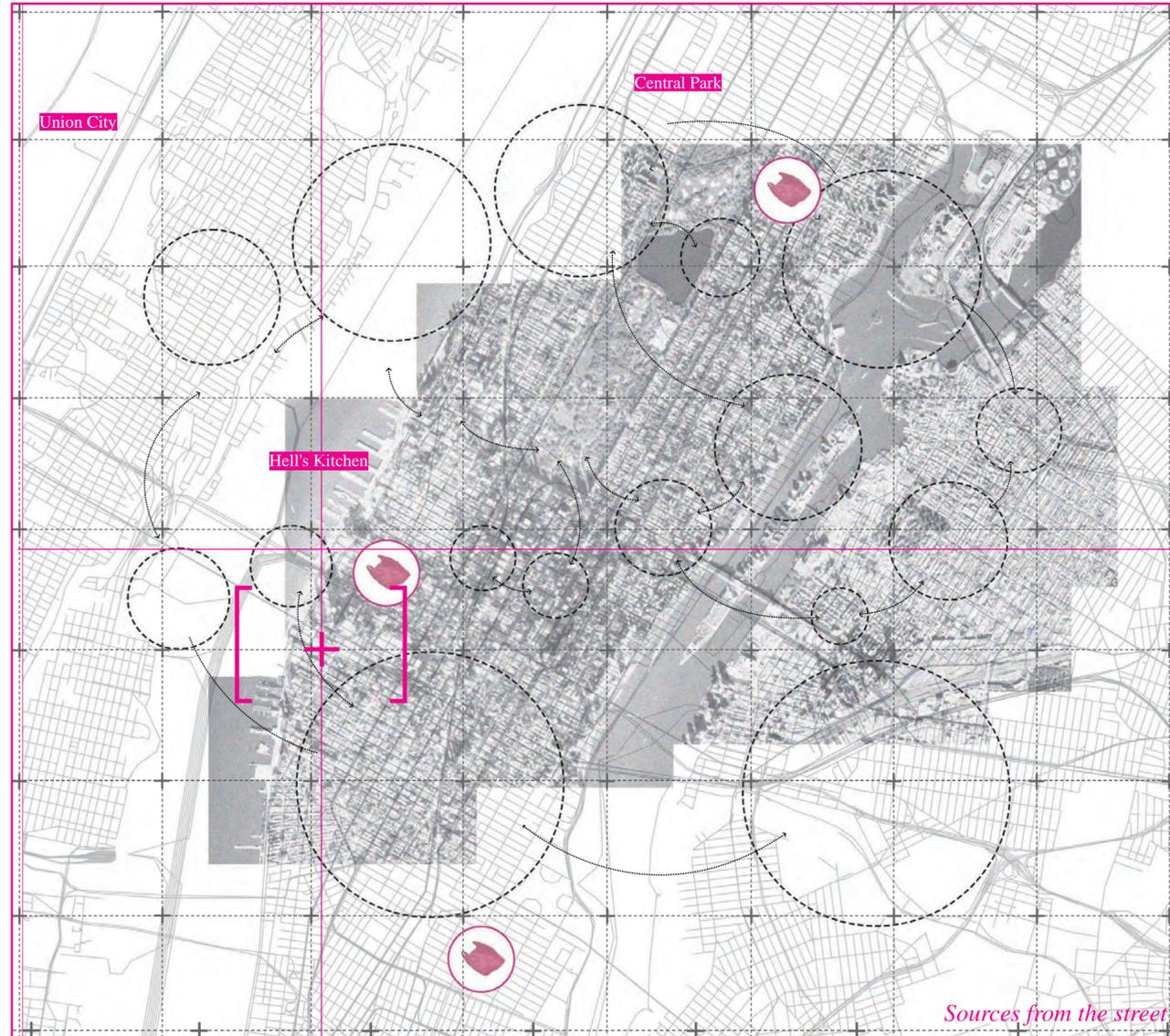


1 million households unit in need for low income renters in NYC

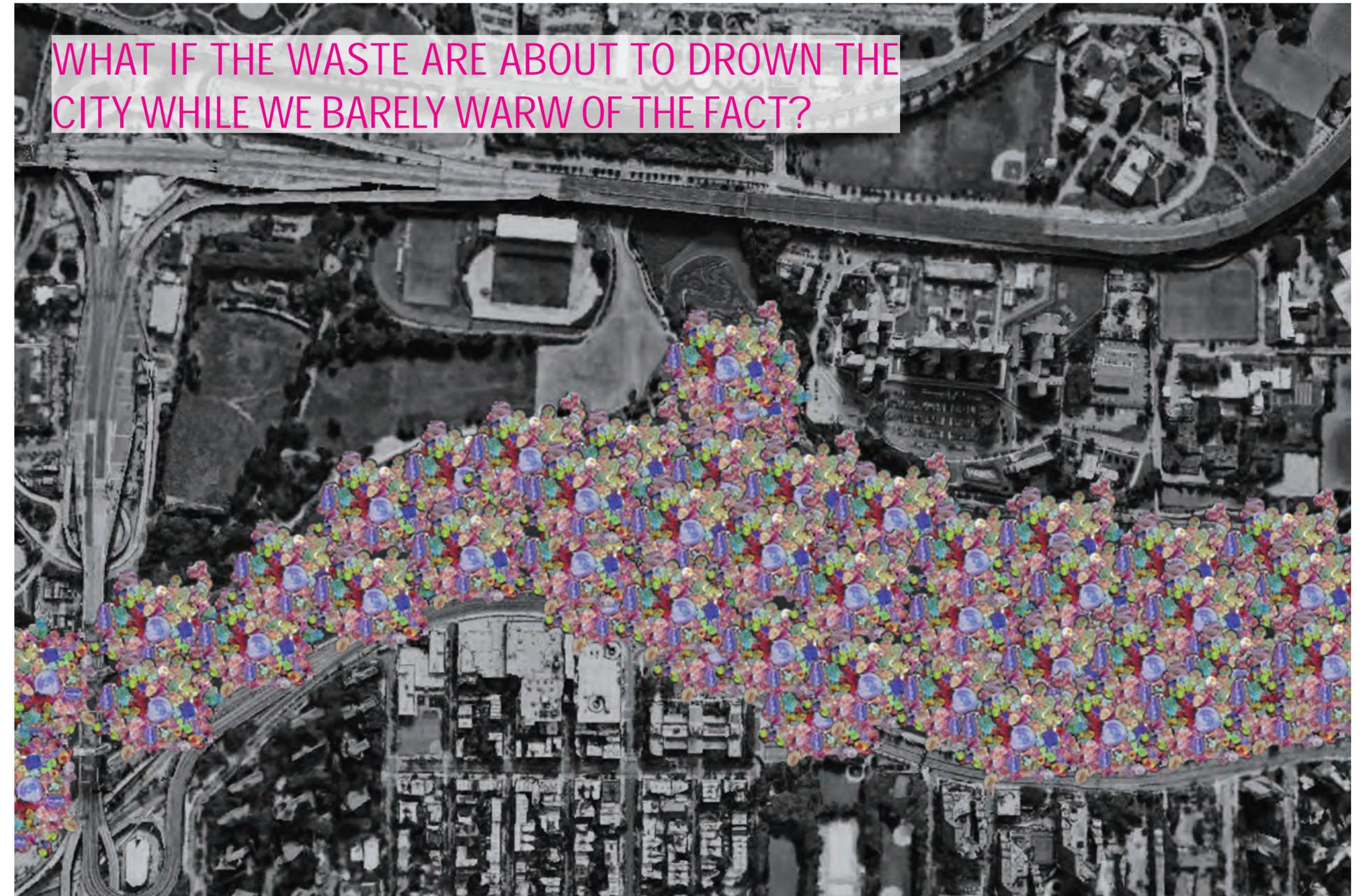
With the population growth in NYC, and the emergence of houses demand for low income people, the fabric architecture that attaches to new building could provide an alternative living units.



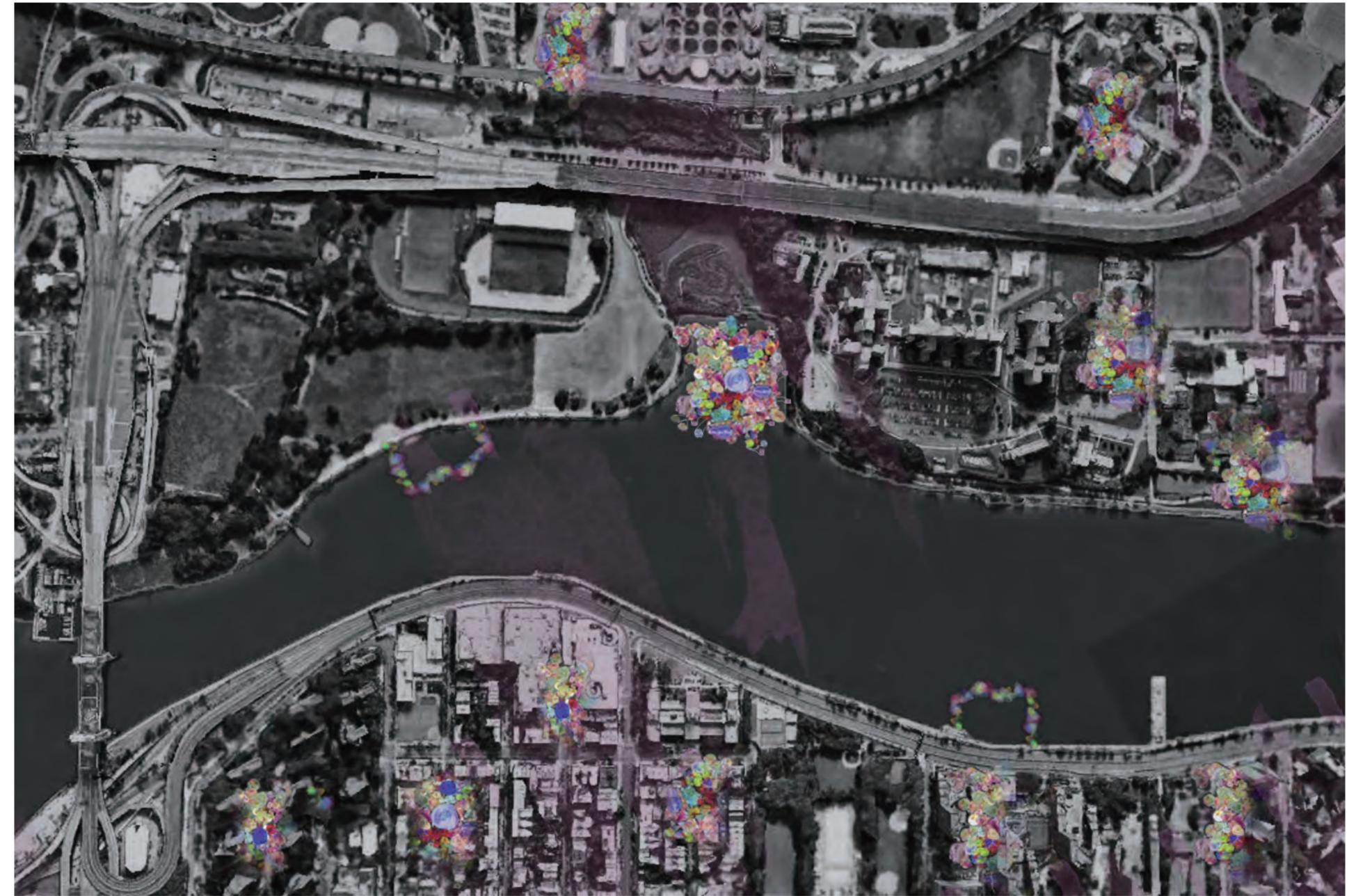
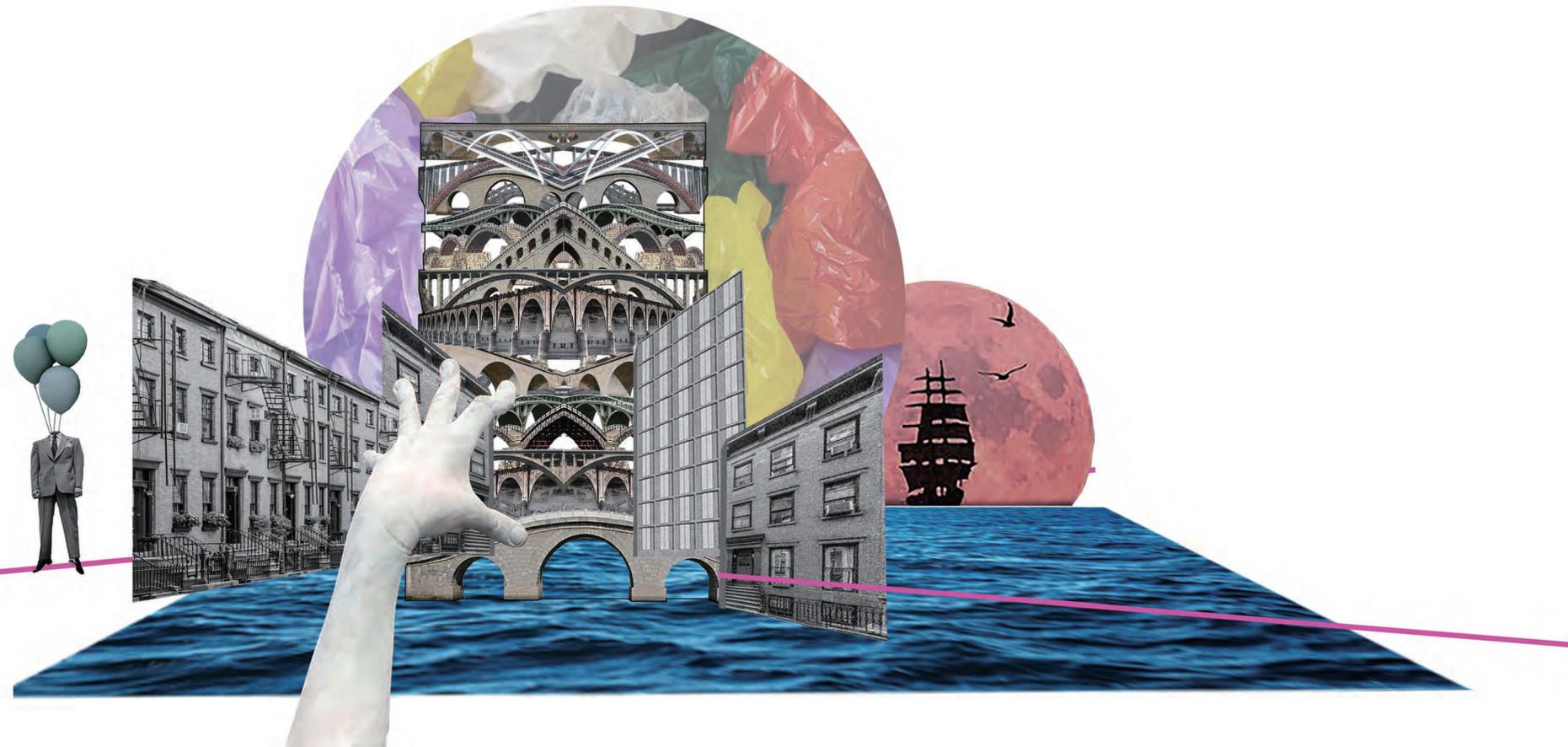
Site/demand/recycle



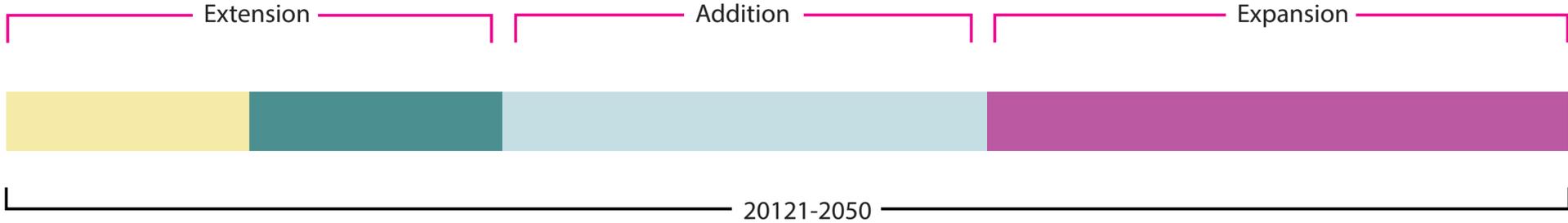
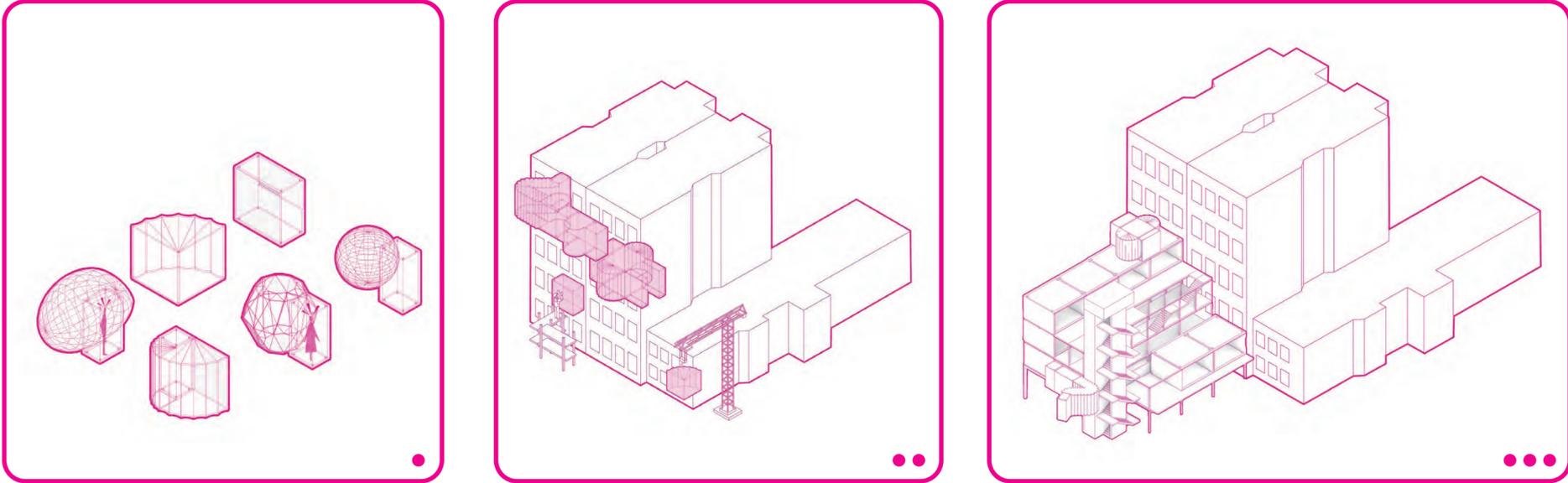
While waste management is part of the problem, it is also part of the solution. In a world that is drowning in the plastic waste and carbon footprint, how could we bridge out of the situation. Is it possible that waste material could provide an alternative living style that does not require new construction and traditional carbon-emitting material such as concrete? By attaching bridge-like infrastructures to residential buildings, these issues may be resolved and thus propose a new living alternative.



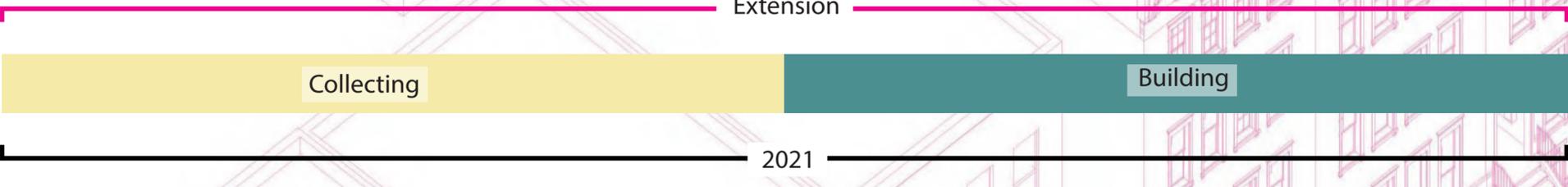
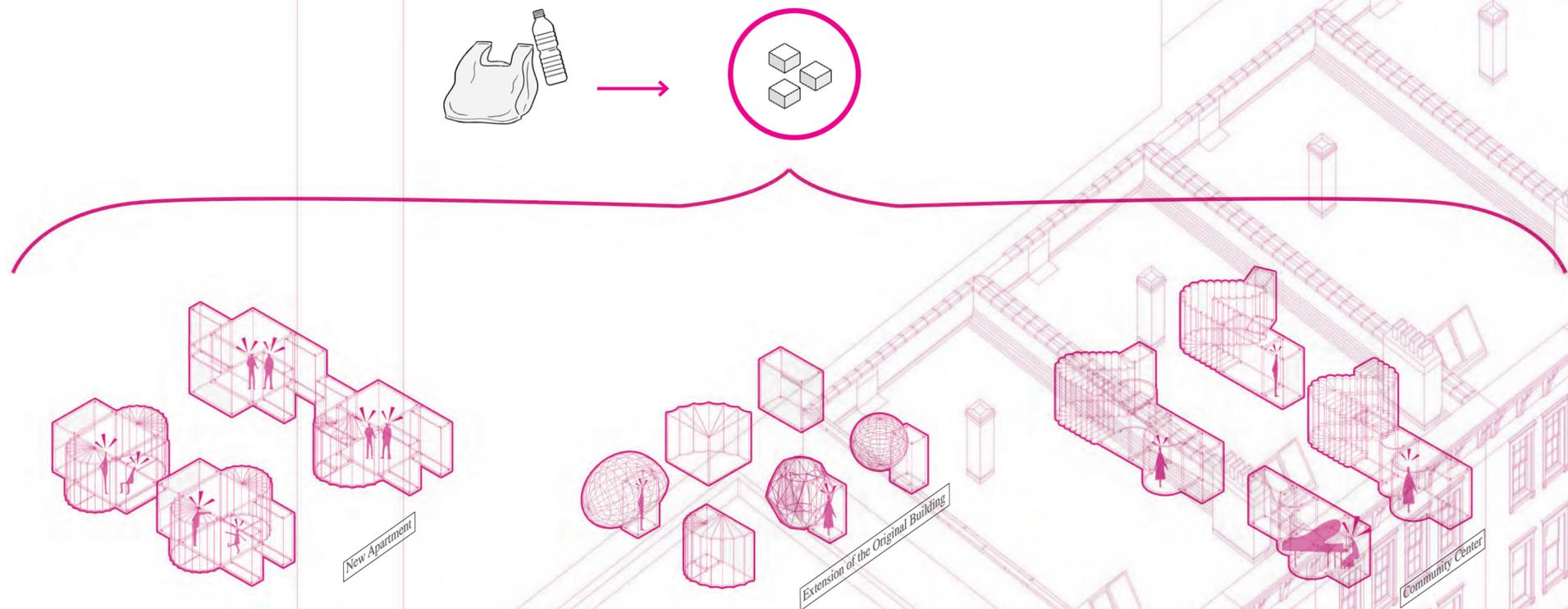
WHAT IF THE WASTE ARE ABOUT TO DROWN THE CITY WHILE WE BARELY WARW OF THE FACT?

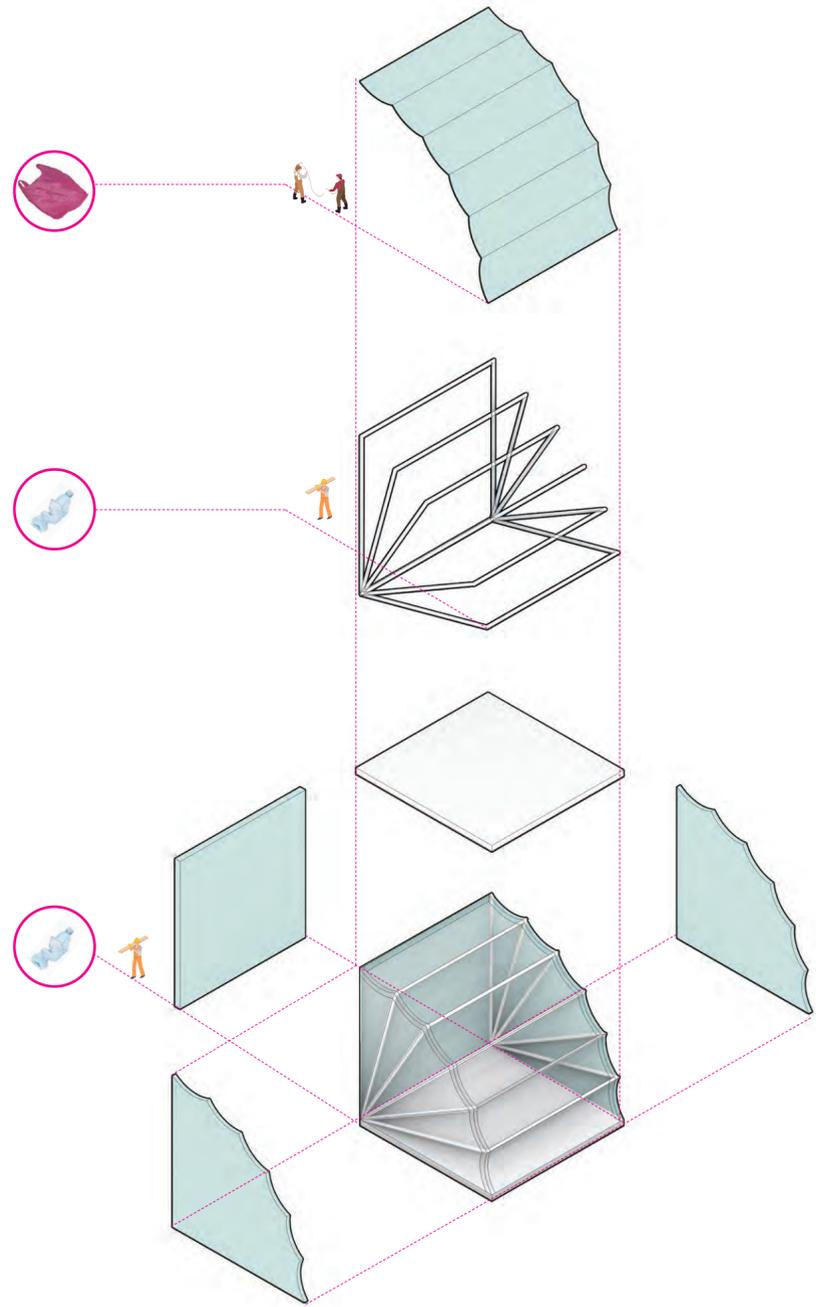


Construction Phase

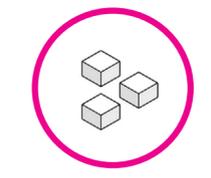


Phase 1: Building New Platform

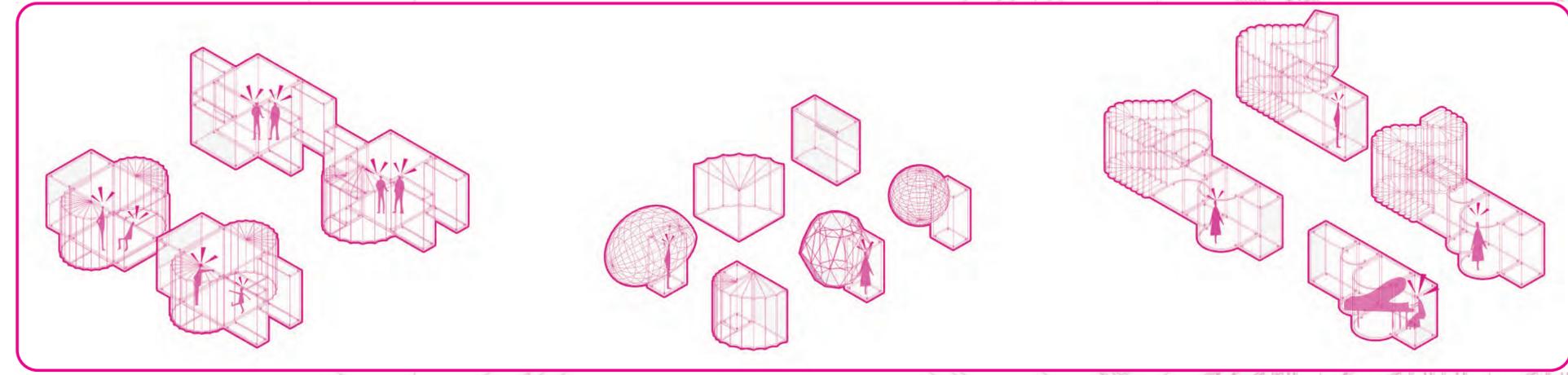
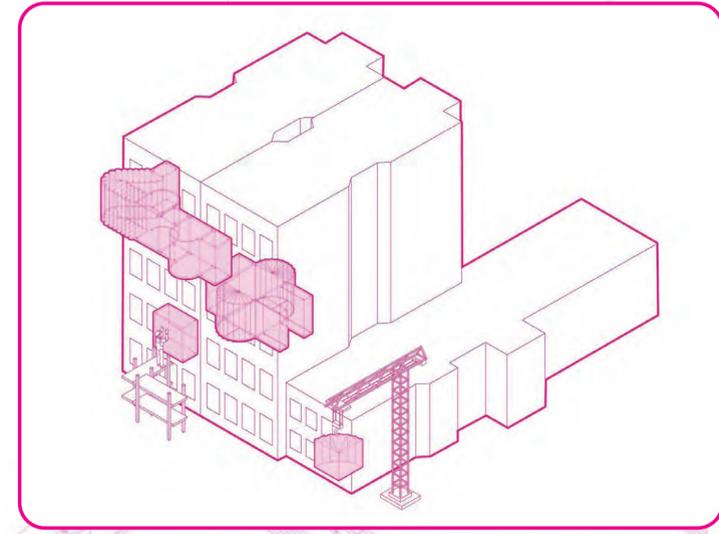




Phase 2: Attaching to the existing building

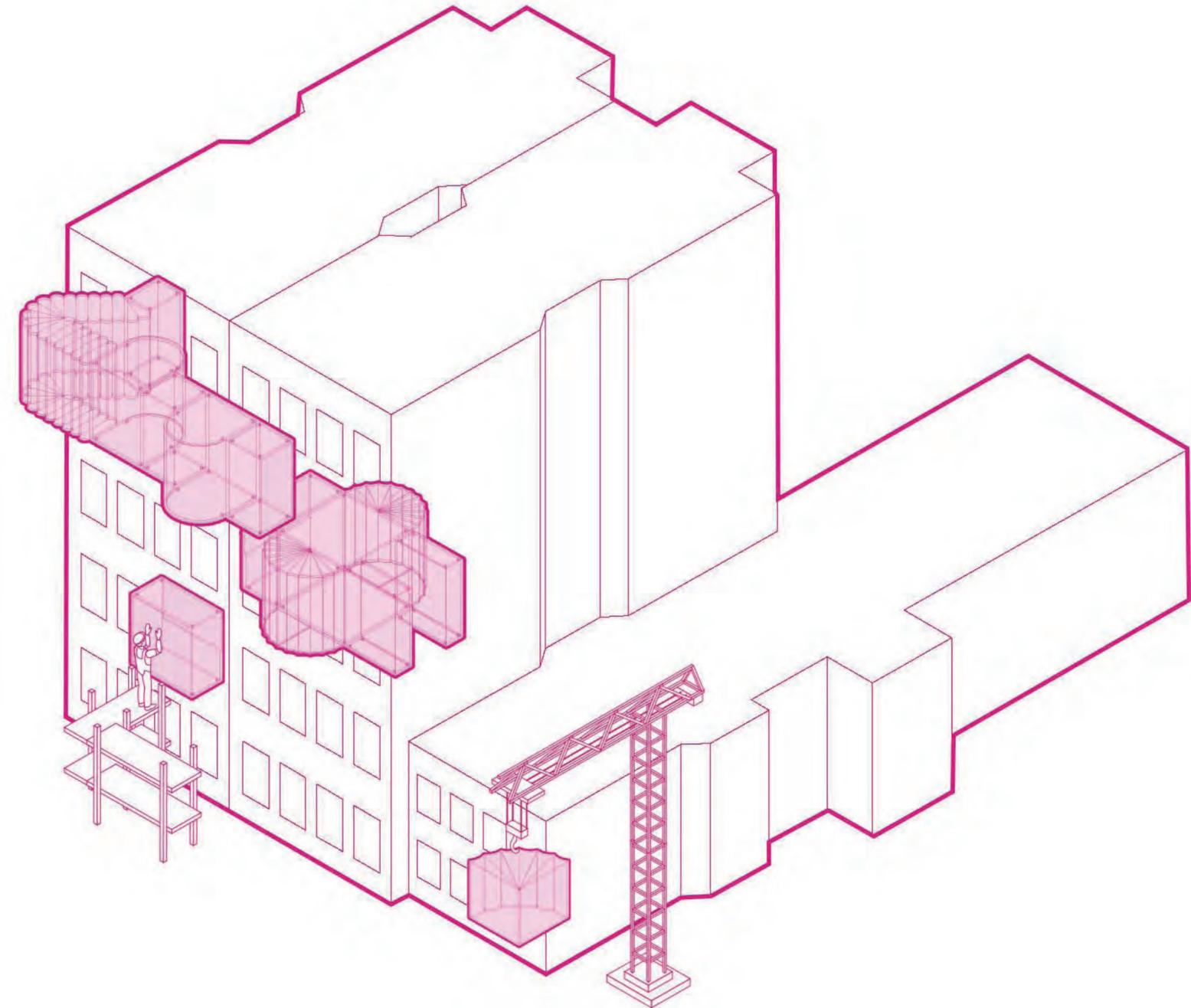


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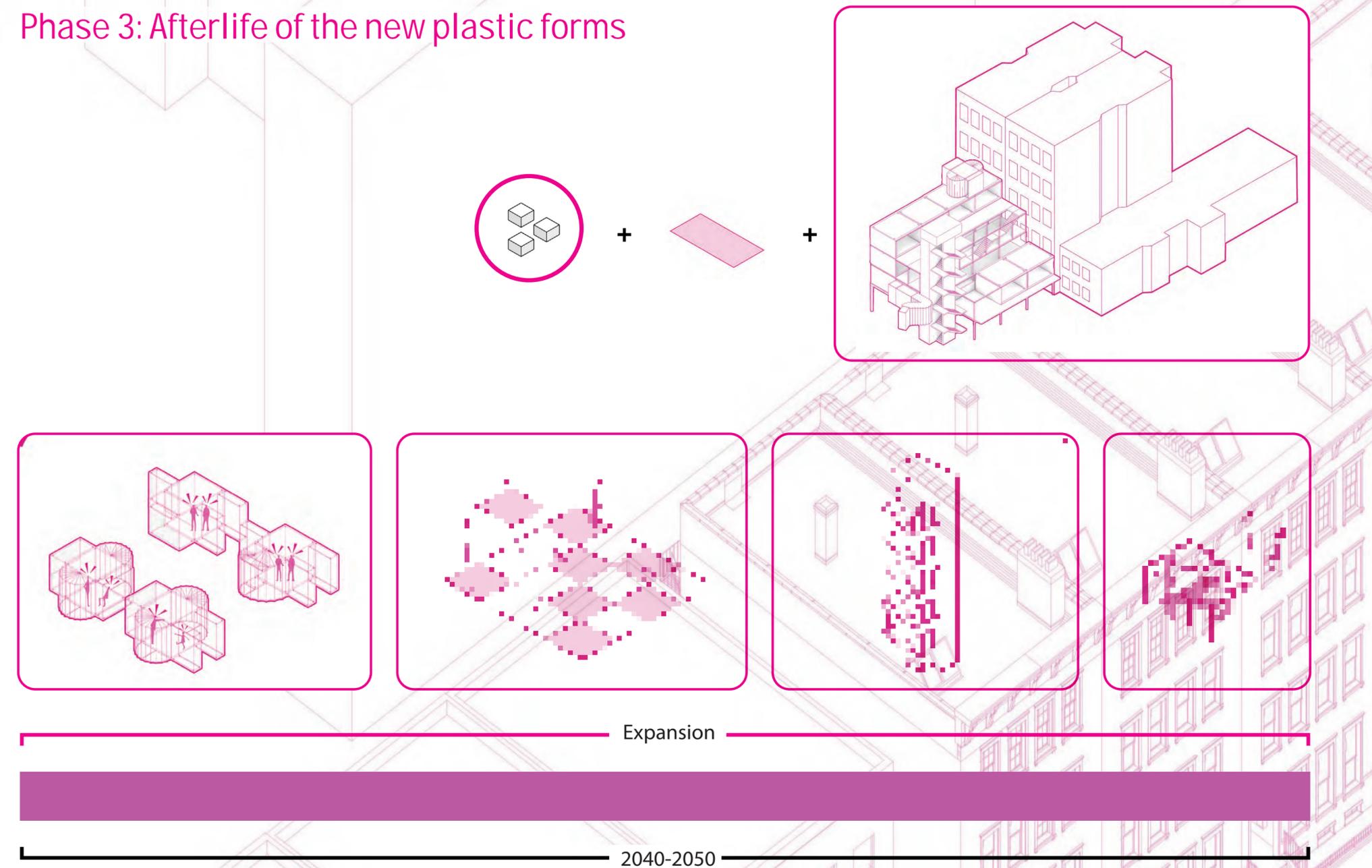


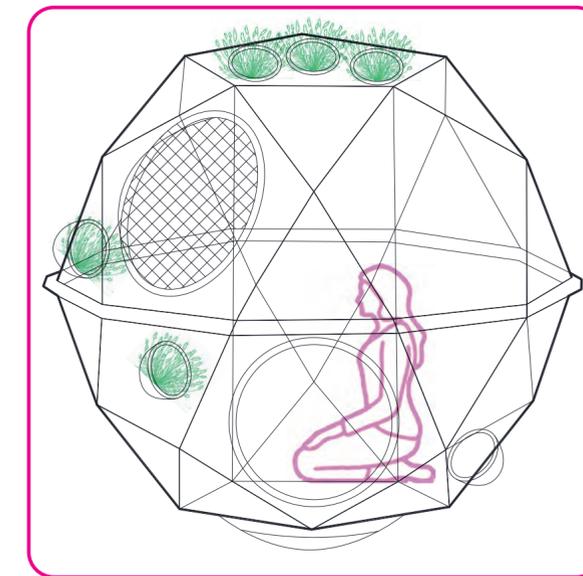
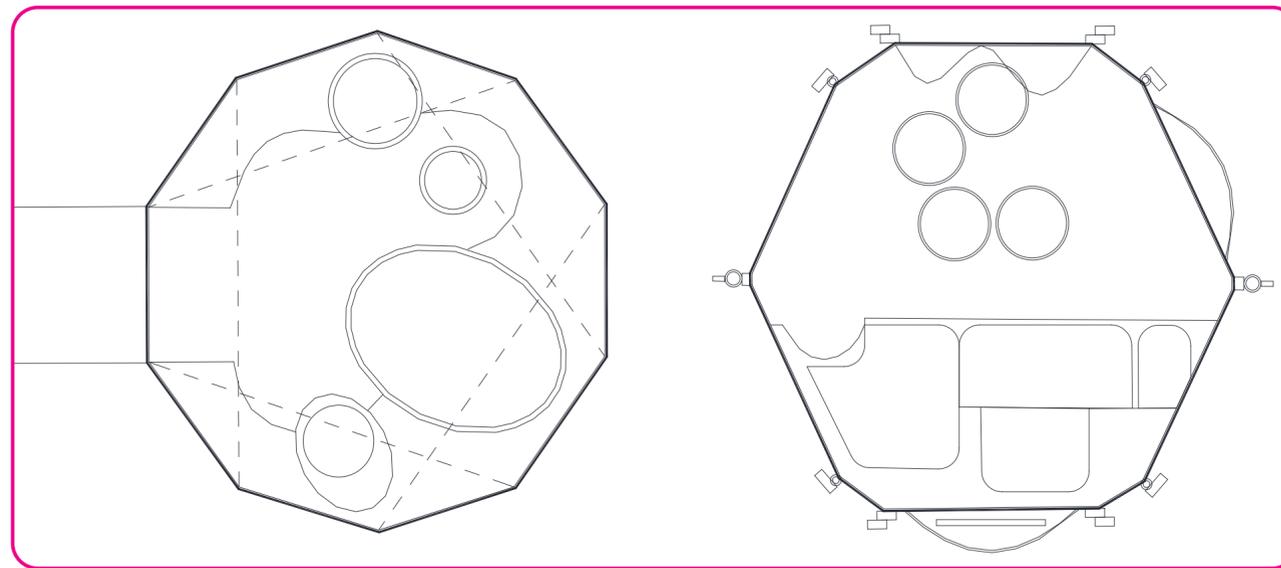
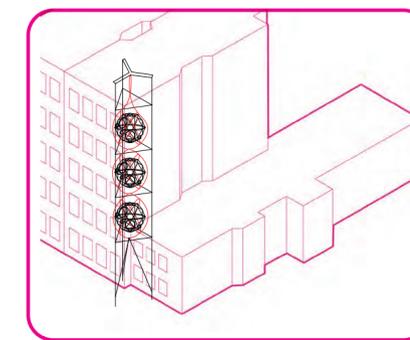
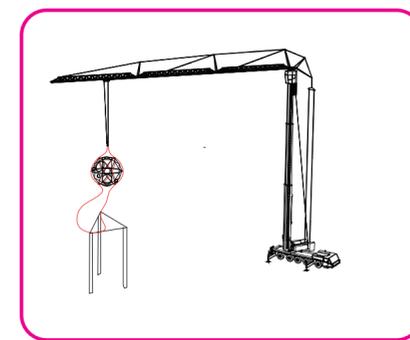
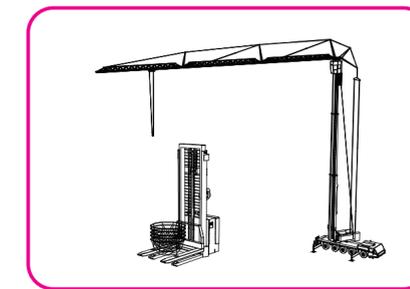
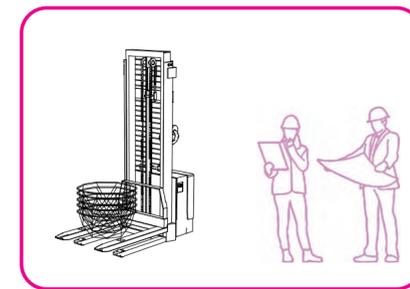
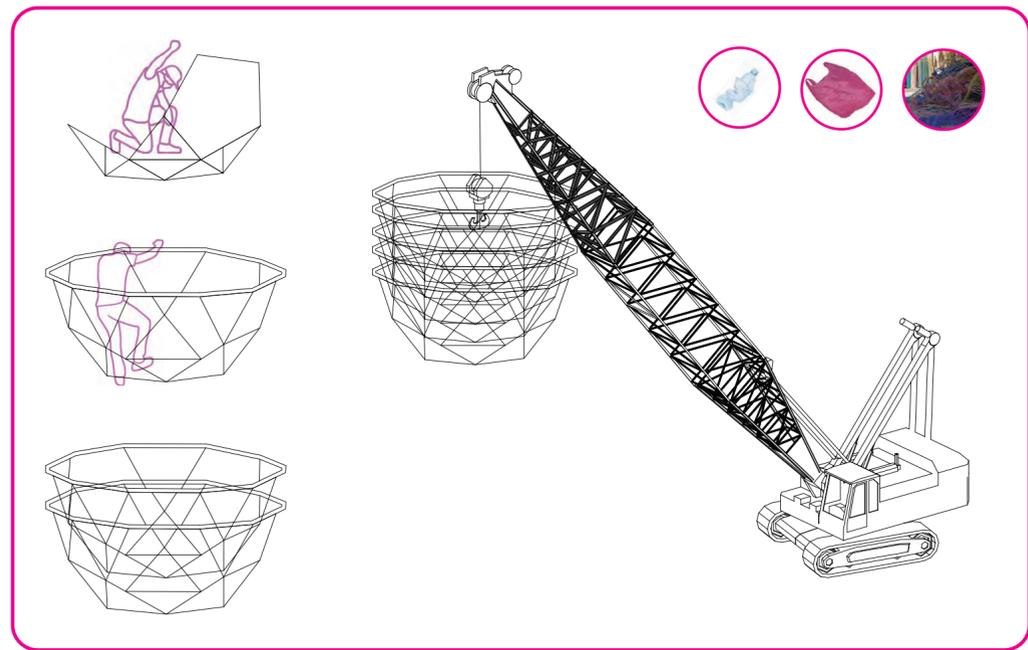
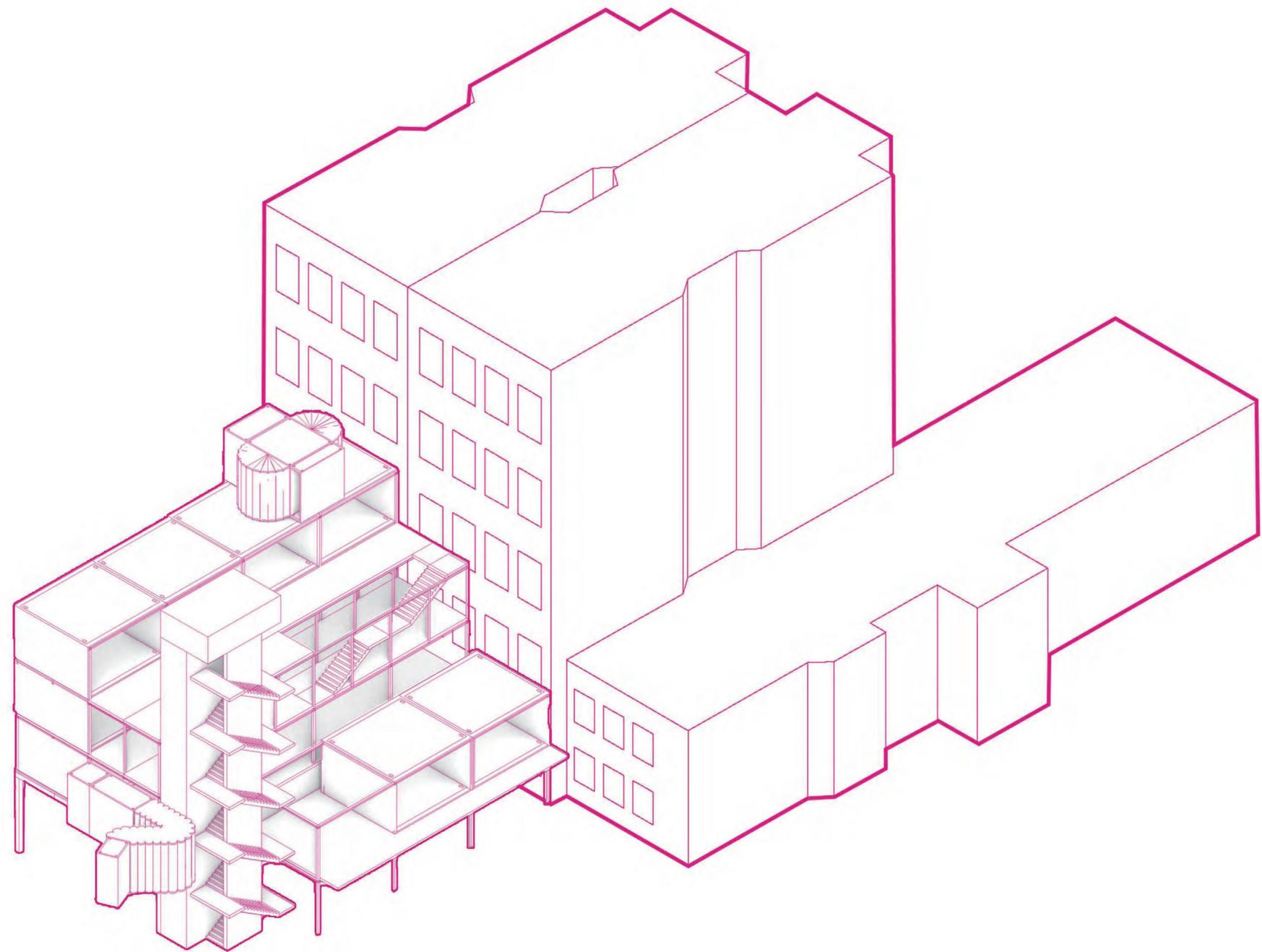
Addition

2021-2040



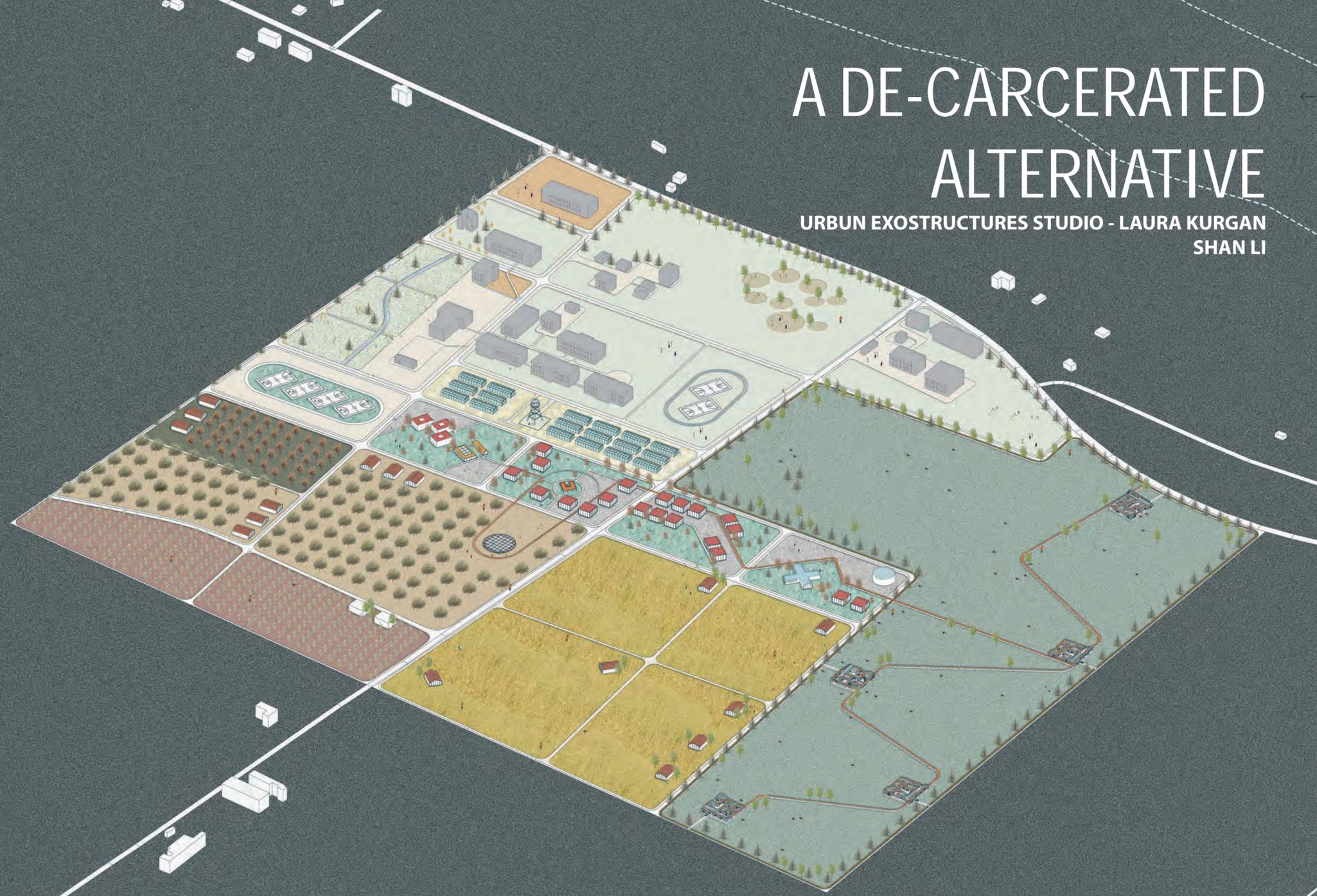
Phase 3: Afterlife of the new plastic forms



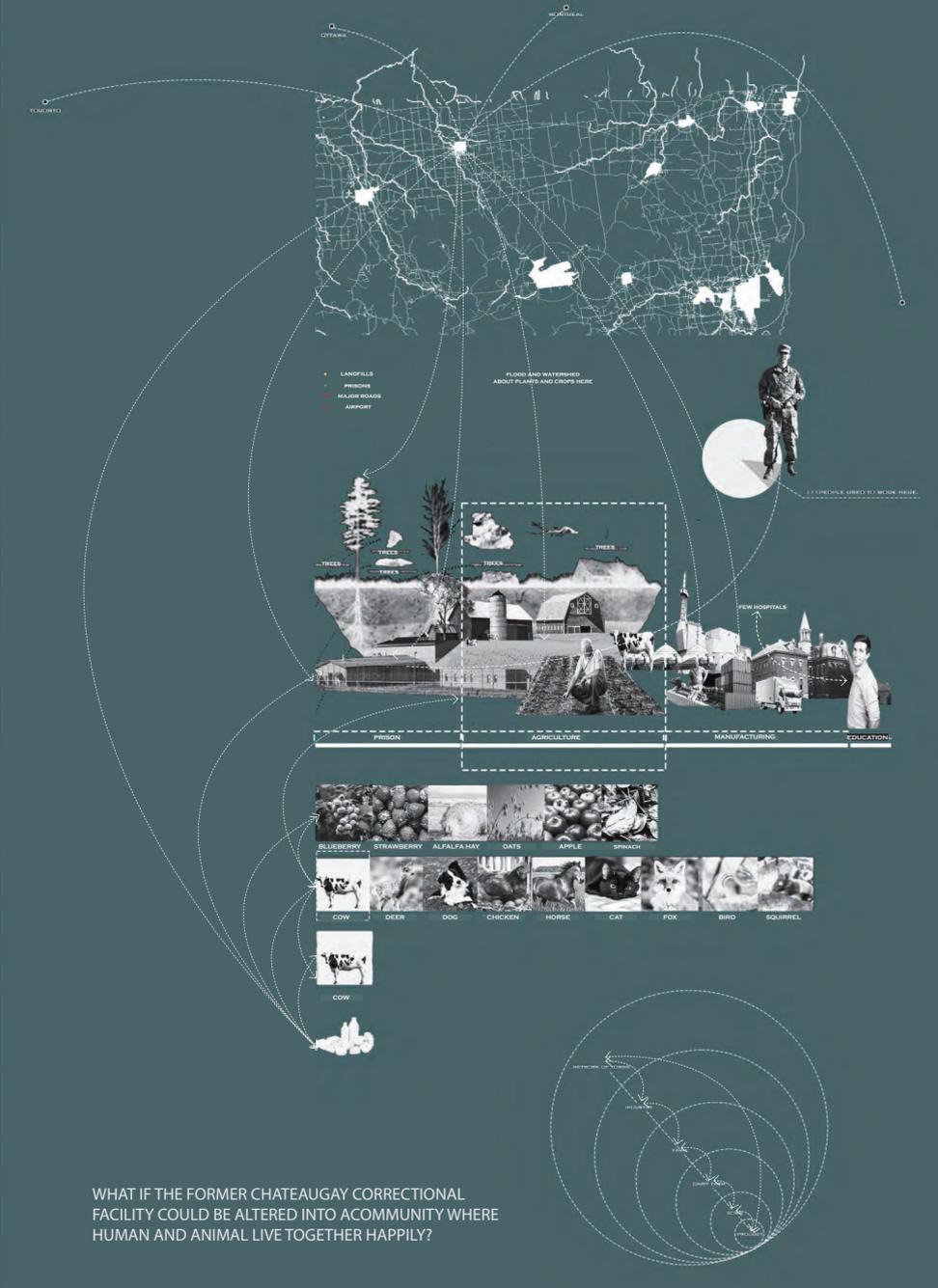


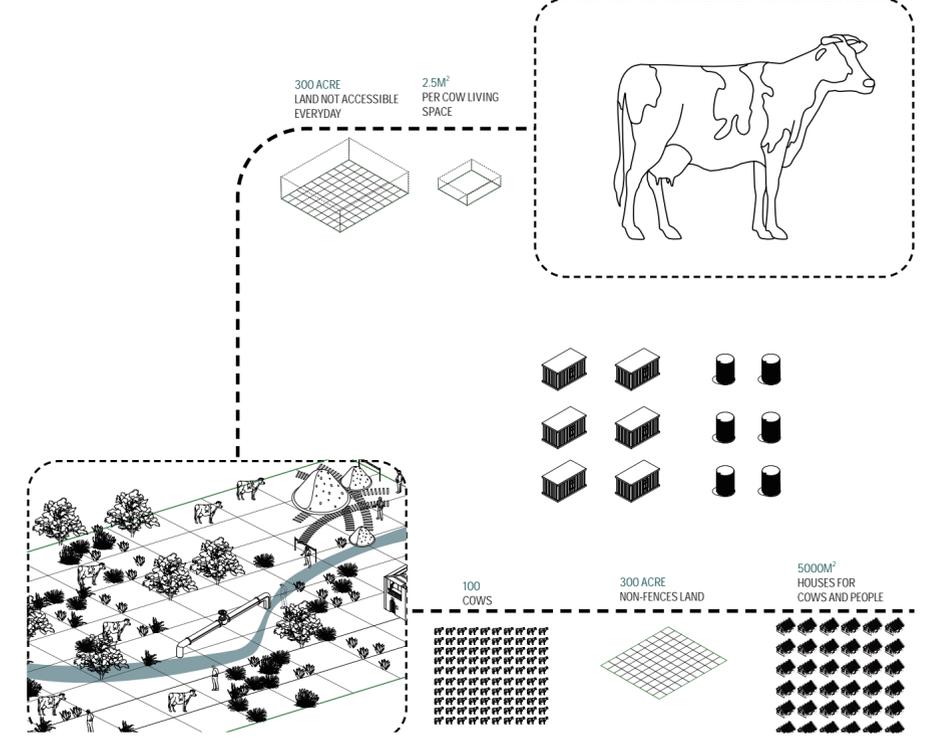
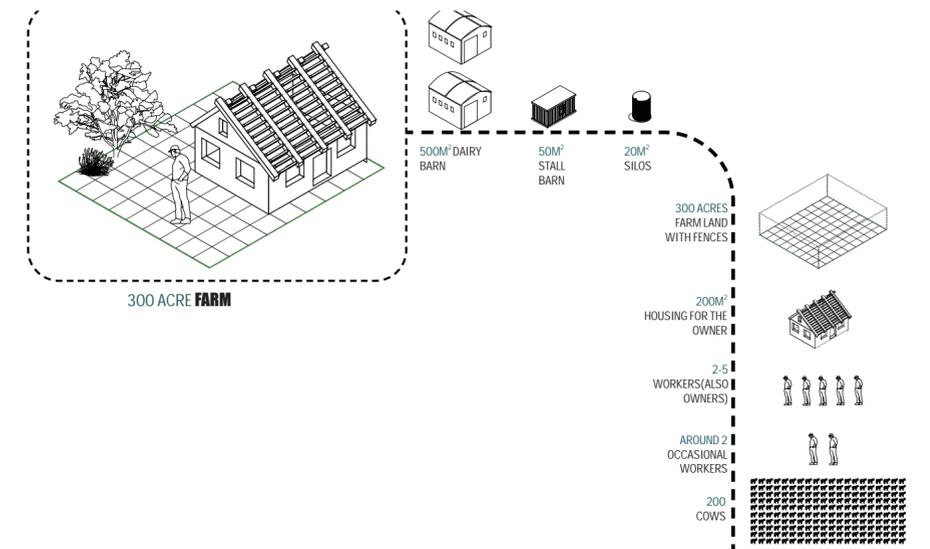
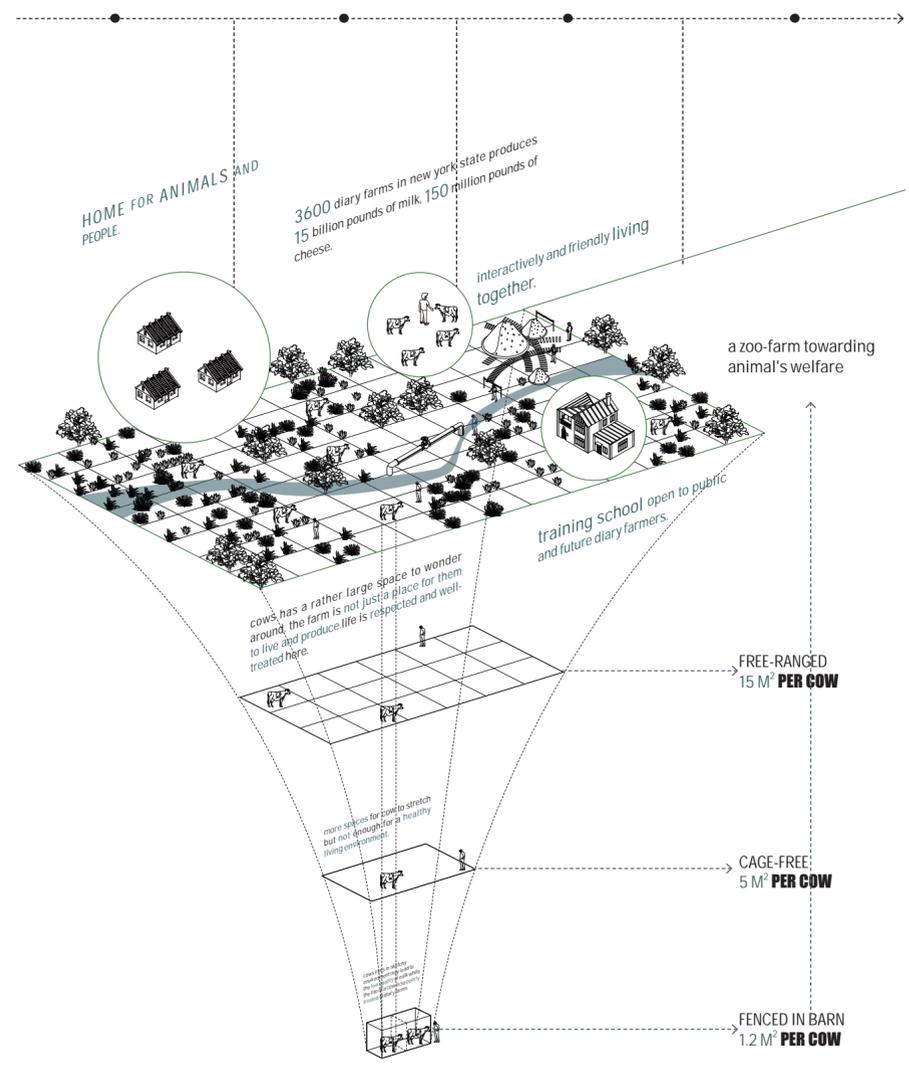
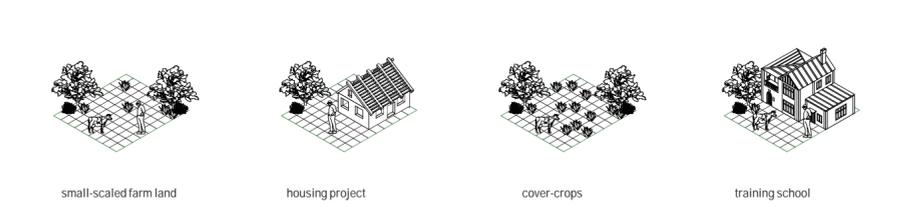
A DE-CARCERATED ALTERNATIVE

URBUN EXOSTRUCTURES STUDIO - LAURA KURGAN
SHAN LI

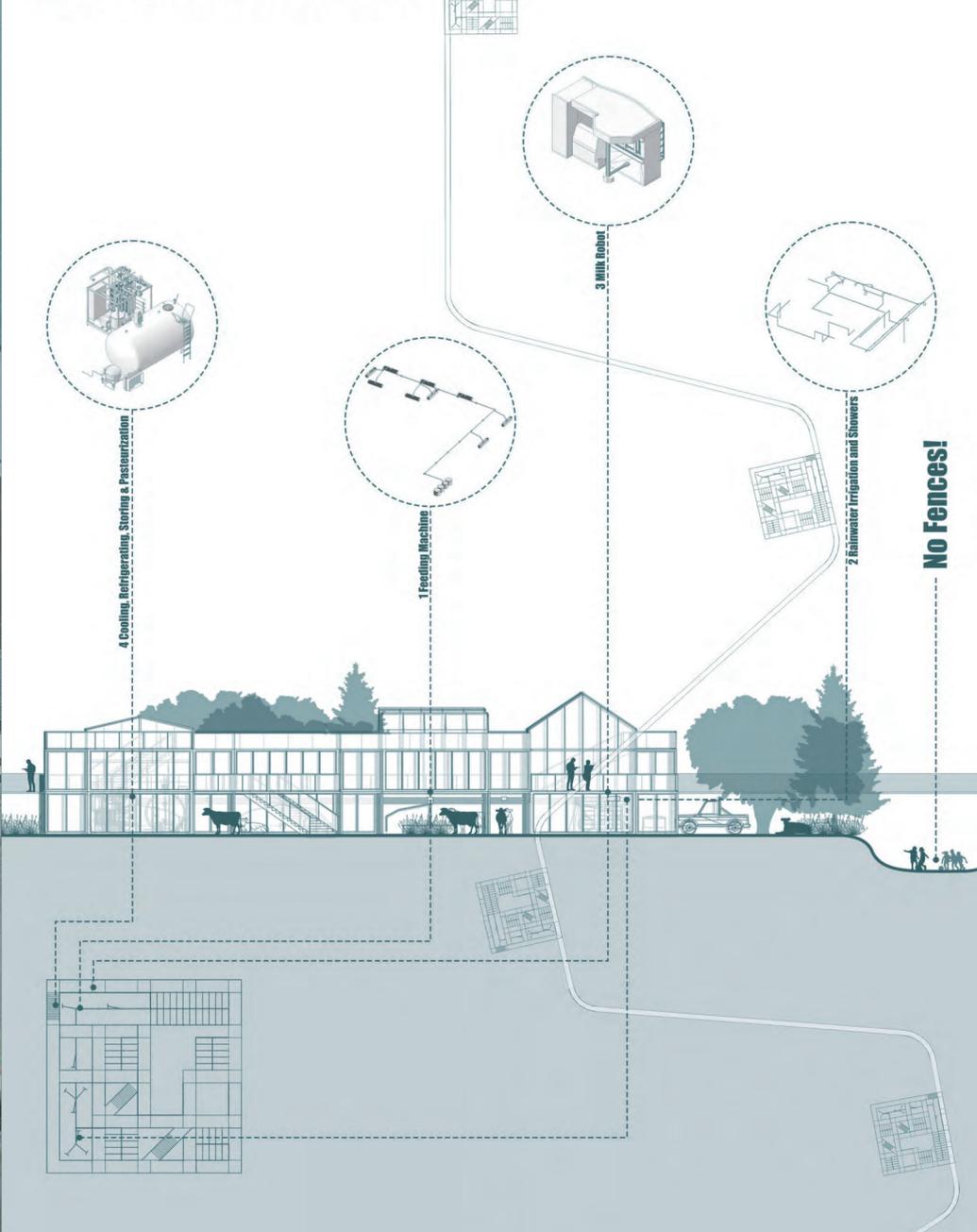


● Where is Chateaugay





• How to decarcerated cows



Pandemic Home

Inclusive Machine

Ziyi Wang, Shan Li

Noah's Ark

Ke Zhai



Pandemic

ENVIRONMENTAL STRESS
PHYSIOLOGICAL STRESS
THOUGHTS STRESS

CAREER STRESS **Manage Stress** FIND A BAL-

ANCE GET PLENTY OF REST EXERCISE REGULARLY

KEEP A JOURNAL PRACTICE RELAXATION EXERCISES **Metal**

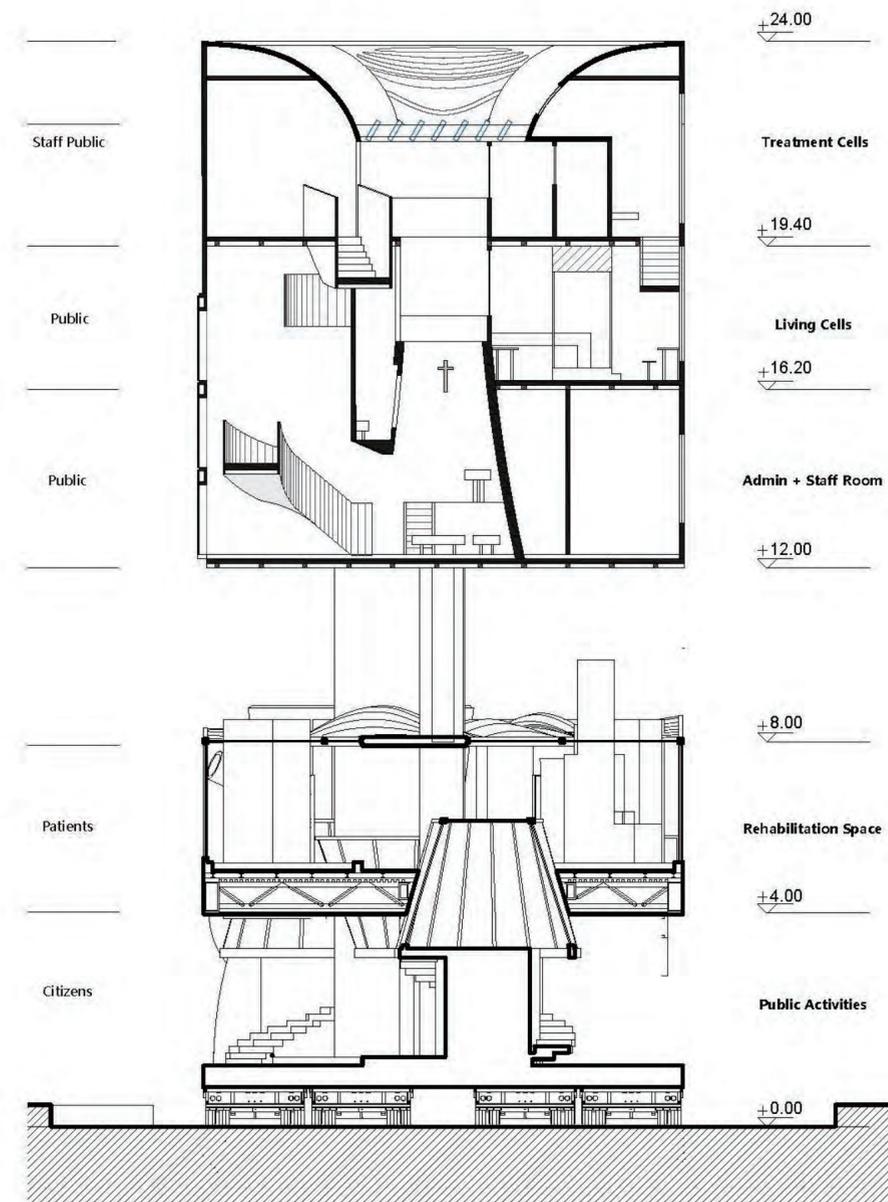
Health Challenges STRESS FROM MONITORING

STRESS FROM BEING MONITORED

UNKNOWN SEQUELA OF TREATMENT **Inclusive**

WORSENING OF CHRONIC HEALTH PROBLEMS

STRONG EMOTIONS FROM COMMUNITY **Equity**



Pandemic Home

Isolations and Units



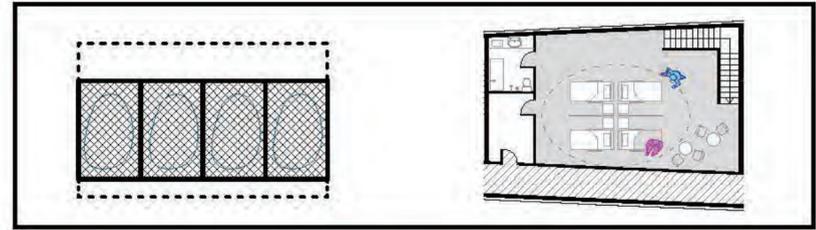
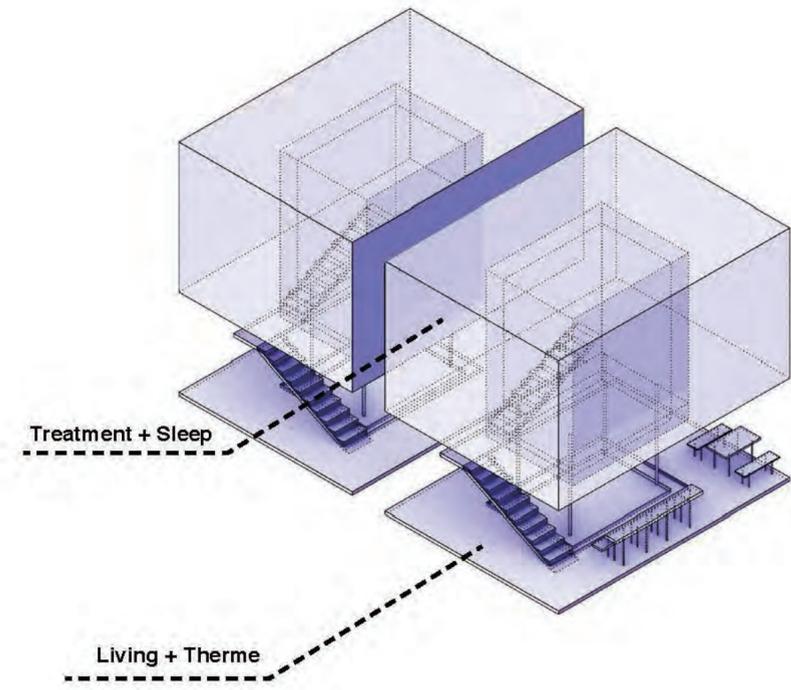
Pandemic Home

Citizens' Isolation Moment



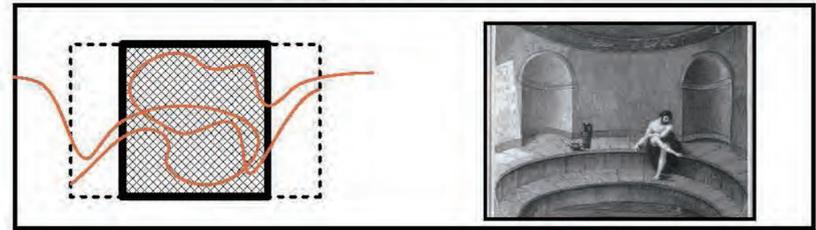
Pandemic Home
Hospitalized Cells

15% ^{1 ppl} Critically ill
80% ^{4 ppl as a unit} Mild Patient



Hospitalized Cells

+



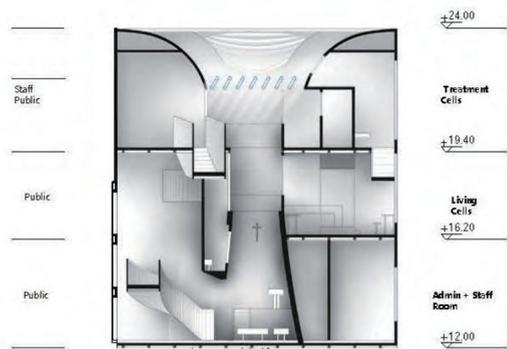
Retrospective Healing

Pandemic Home
Street Manifesto

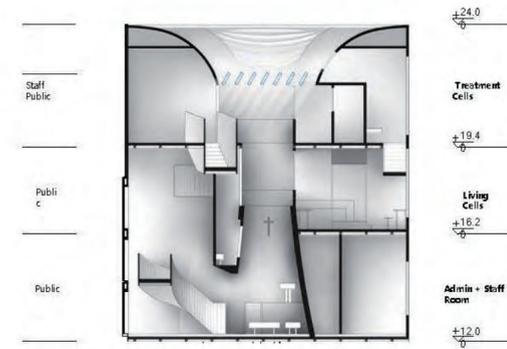
“Bring Back our Street”
Opening to Publicity



Pandemic Home
F1
Moment

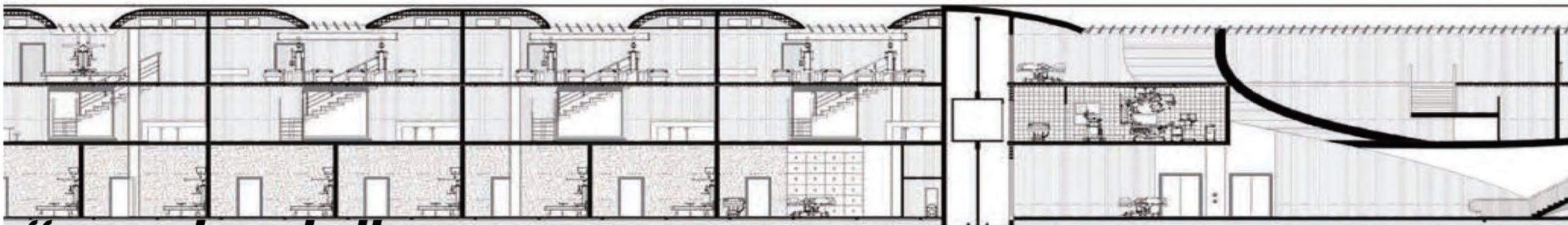


Pandemic Home
F1
Moment



Pandemic Home
Afterlife Moment

Forms Follows Typology #
Hospital Cells = Hotel



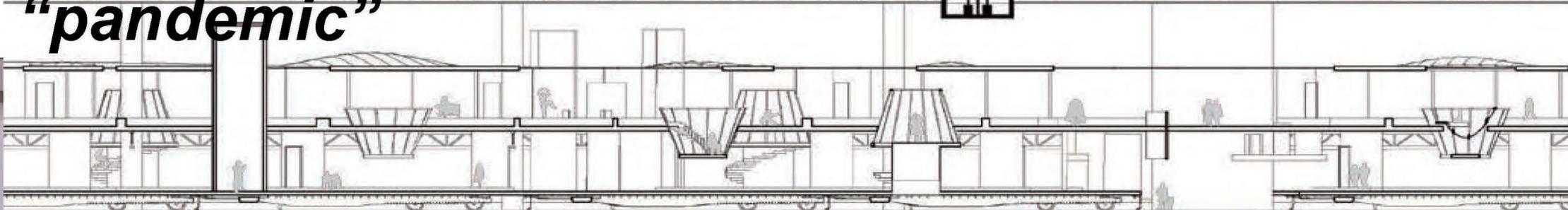
“pandemic”



“Pandemic”
Hospitalized Cells



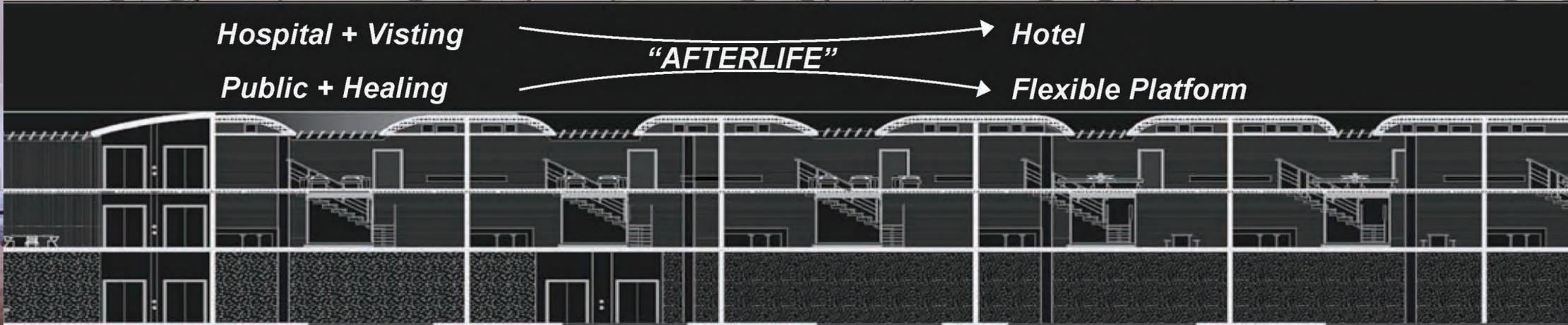
“Post-Pandemic”
Hotel



Hospital + Visting
Public + Healing

“AFTERLIFE”

Hotel
Flexible Platform



“post-pandemic”



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