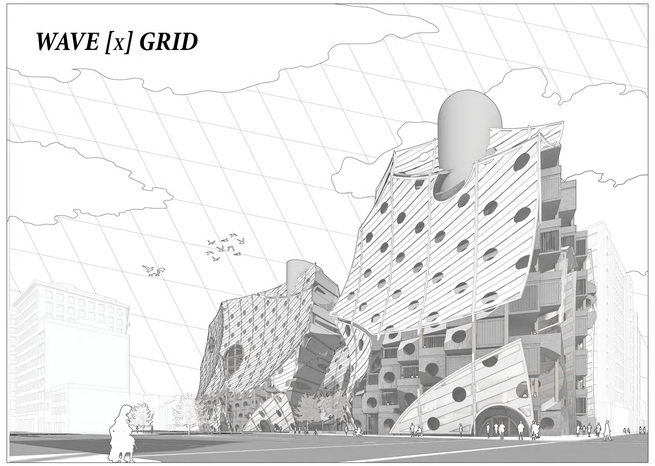
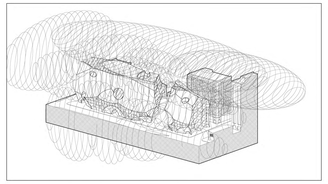
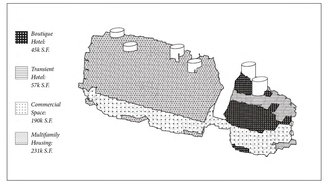
WAVE [x] GRID







"**emergence** *occurs when an entity is observed to have properties its parts do not have on their own. These properties or behaviors emerge only when the parts interact in a wider whole.*"
Wikipedia

Wave[x]Grid is a mass timber construction, mixed use building in the Fashion District of Downtown Los Angeles. It contains Multi family housing, commercial retail and office space, a boutique hotel as well as resources and housing for people experiencing homelessness.

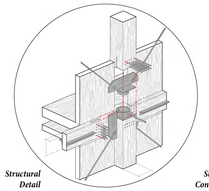
Through the studied combination of apparently elementary and even opposite formal and programmatic ingredients, Wave[x]Grid aims to create more from less. Operating within socio-economic as well as formal domains, the principle of emergence drives every aspect of the project.

A skewed and staggered grid (a) is intervened upon by a subtracting spherical (b). The result is a grid that moves, a carving surface with a gridded and inhabitable pocket.

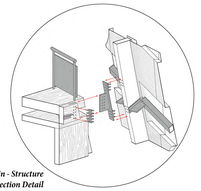
(a) & (b) < (a - b)

A flower garden (a), temporary housing for the homeless (b), a flower market (c), and multi family housing (d) all poses properties that, when combined strategically, can create a built in and self-sufficient job training program as part of the services offered to those experiencing homelessness.

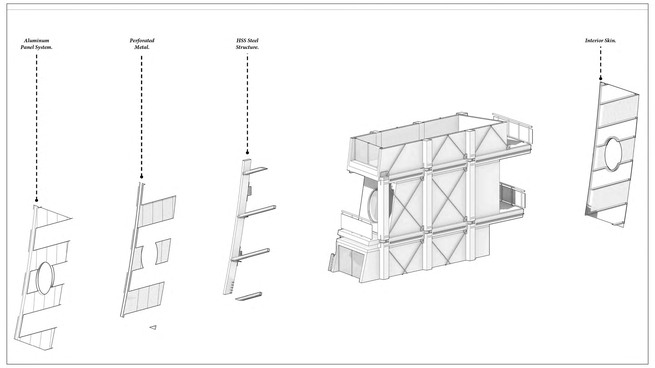
(a + b + c + d) > (a) & (b) & (c) & (d)

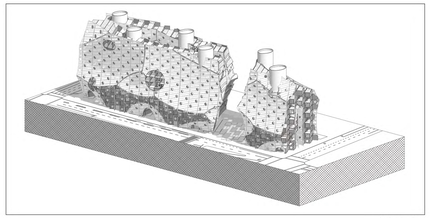


Structural Detail

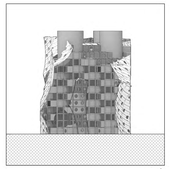


Skin - Structure Connection Detail

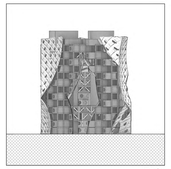




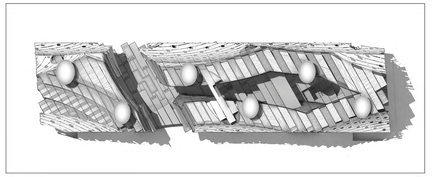
Axonometric.



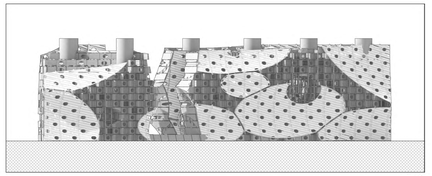
Left.



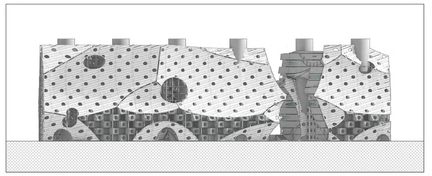
Right.



Top.

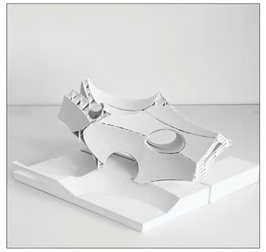


Back.

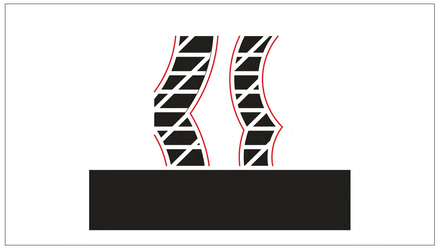


Front.

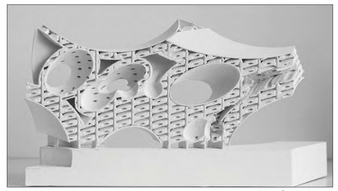
Rendering of covered market.



Dissimulation.

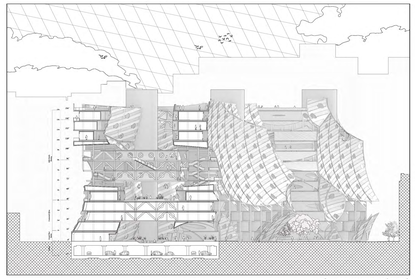


Dissimulation: Elevation.

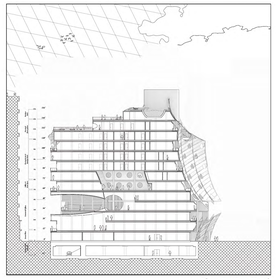


Dissimulation: Section.

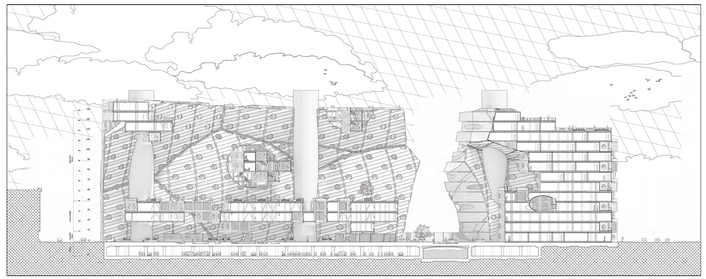
Sample Unit Plans.



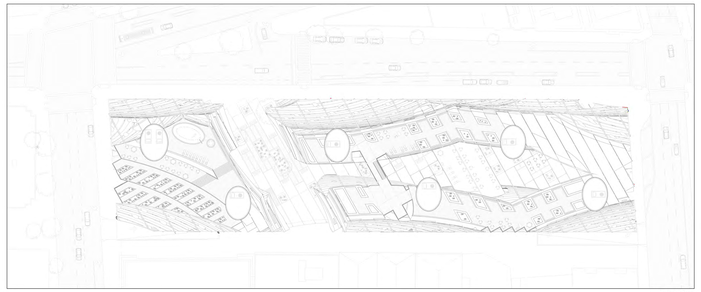
Short Section: Residential.



Short Section: Hotel.



Long Section.



Roof Plan.

9th Floor Plan.

4th Floor Plan.

1st Floor Plan.