

the 10 challenges

1 ENERGY

energy
Our design reduces annual energy and associated carbon emissions by 50% and our facade is self shading, reducing solar radiation by 18%.

2 CARBON

carbon
We have studied a CLT structural system and a Green Concrete structural system. Each presents significant carbon savings over a business-as-usual approach.

3 MOBILITY

mobility
The design provides a ground floor high-density bike room with storage spaces at a ratio of 1:1 bikes to apartment units. The project adds density at a transit-rich location.

4 RESILIENCE

resilience
The project team completed a climate change risk assessment for the site. Inherent risks have been mitigated with numerous building response strategies, including careful building system selections and distribution.

5 GREEN JOBS

green jobs
The building will create numerous new green jobs including jobs associated with the urban farm, sustainable building materials, and construction techniques.

6 WATER

water
The design employs water conservation strategies, eliminates any water use for cooling, and captures rainwater for irrigation and stormwater management.

7 WASTE

waste
The building employs separate trash and recycling chutes and staff will collect compostable materials on every floor. Enriched soil will be returned to the building's rooftop farm.

8 BIODIVERSITY

Biodiversity
Pritzker Park has been reimagined with activity, diversity, and safety in mind. Along with an urban rooftop farm, the project promises a greener future.

9 INCLUSIVITY

Inclusivity
The team has engaged multiple community members and formed strategic partnerships. From the market hall to the community center, to gender inclusive restrooms, this will be a place for everyone.

10 DESIGN PRINCIPLES

sustainable

- A design that is **low/no carbon**, a high rise that generates power on-site, with a target to produce 20%+ of energy demand.
- A skin that is **super-insulated and self-shading**.
- An architecture that is **lightweight** and composed of low-carbon and sustainably-sourced, **modular** materials.

affordable

- Housing that is **luxurious yet accessible and affordable to Chicagoans**.
- A design that is **high impact** but cost effective.
- 3A design that is **mixed-income**, ranging from affordable to workforce to market-rate.

community based

- A **market hall** that hosts emerging neighborhood artists and artisans; **bringing culture and craft** to the Loop and sending dollars back to the neighborhoods.
- A **community center** to serve the needs of the homeless population in the neighborhood.
- A rooftop that is **healthy and social**, providing ample outdoor space and a rooftop farm.

innovative

- An architecture that is influential, urban and buzzing with activity. A design that sparks excitement at the south end of the Loop.
- An iconic new architecture idea that seamlessly integrates with a reimagined Pritzker Park and the neighborhood beyond.
- A catalyst and inspiration for green high rise architecture.

Common Good Collaborative

Lendlease, Lead Developer
KMA Companies, Co-Developer
Valerio Dewalt Train, Architect of Record
Latent Design, MBE/WBE, Architect Protege
dbHMS, MBE, Environmental Expert and MEP/FP Engineer
Thornton Tomasetti, Structural Engineer
Primerica Engineers, WBE, Civil Engineer

site Design Group, MBE, Landscape Architect
Terra Engineering, WBE, Traffic and Survey Engineer
Lendlease Integrated Solutions, LCA & Climate Risk Analysis
Lendlease Construction, General Contractor
Bowa Construction, General Contractor Protege
The Bozzuto Group, Property Management
Span Studio, Branding Consultant

building a
**sustainable, resilient
& equitable
future**



our idea

Common Good Collaborative is developing a **resilient, sustainable and equitable future**. The Loop is everyone's neighborhood, the building supports a new set of values; it is **net-zero carbon, affordable** residential project with a ground-floor **Community Center** and **Market Hall** providing a place for local makers from all the City's neighborhood to sell their products without significant financial commitments.

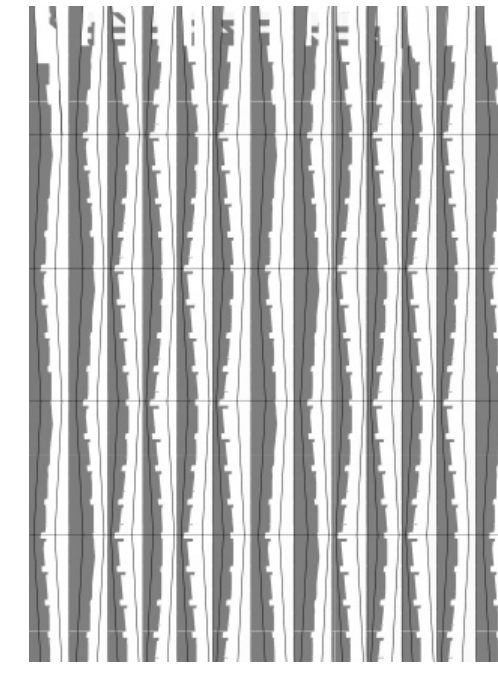
We were **inspired by nature** and developed a building that **responds to the sun, is modular and buildable, net-zero carbon, porous at the park, and a place for everyone**.

The residences, 20% of which will be affordable, and 42% of which will be designated for workforce housing, include a range of unit types, from **innovative co-living units** to larger one-bedrooms, that allow residents of all economic means to experience downtown living. **The rooftop is a destination for all residents with gardens** that will produce fruits, vegetables, and wildflower gardens, dedicated wellness spaces and additional amenities. **Solar panels** hovering over the rooftop and on the south elevation will provide up to 20% of the building's energy.

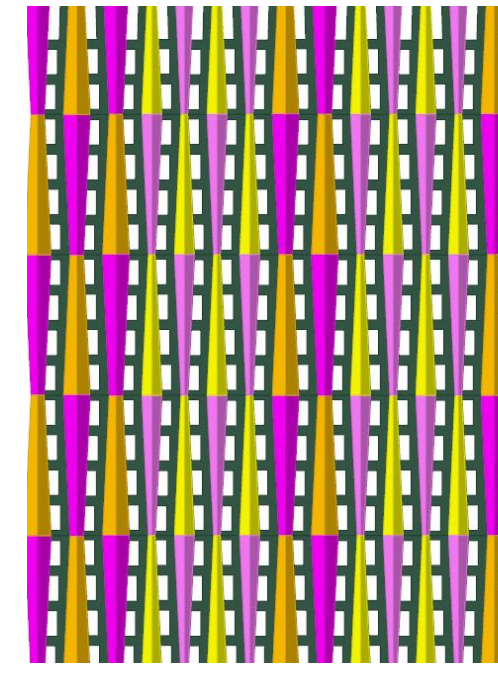
Led by lead developer Lendlease, co-developer KMA Companies, lead architect Valerio Dewalt Train Associates, and protégé architect Latent Design, will utilize a number of innovative and sustainable design techniques, including a cross laminated timber structural frame building materials and methodologies to deliver a building that will be a **landmark for change in Loop, everyone's neighborhood**.



inspired by nature

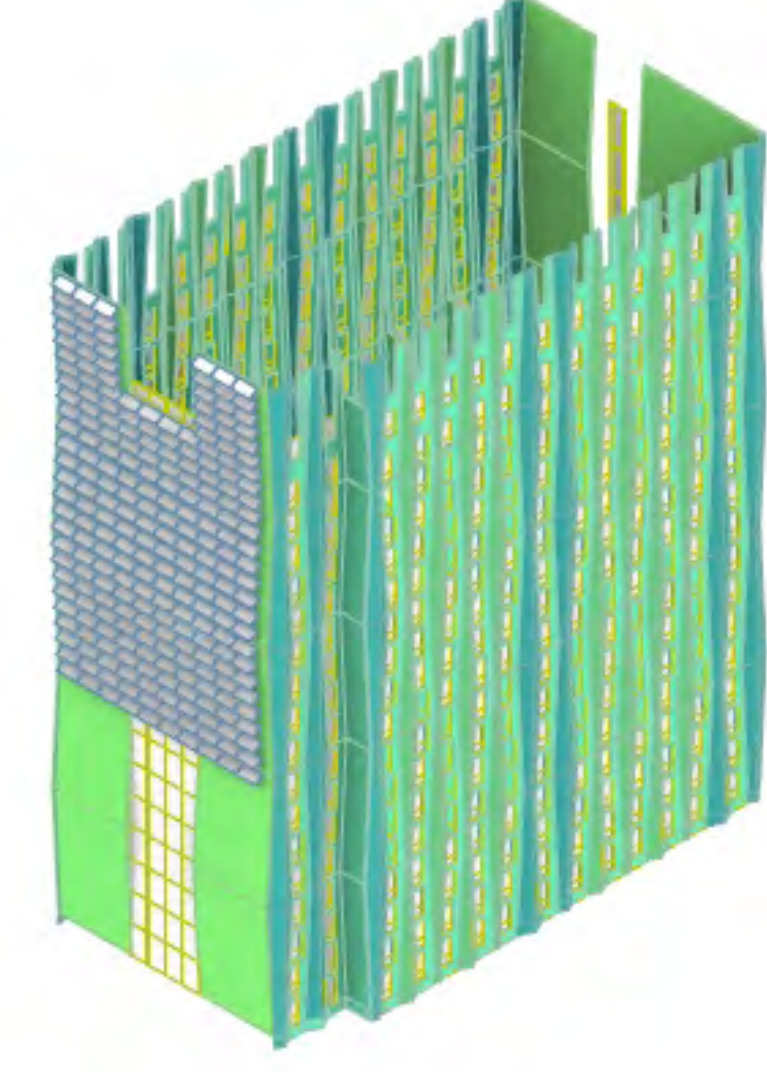


responsive to the sun

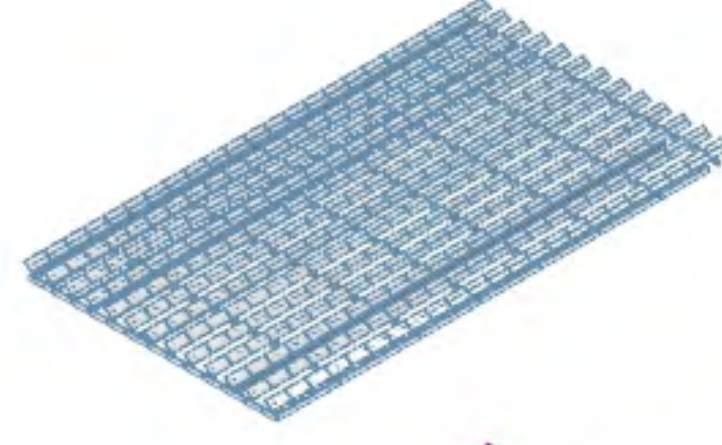


modular & buildable

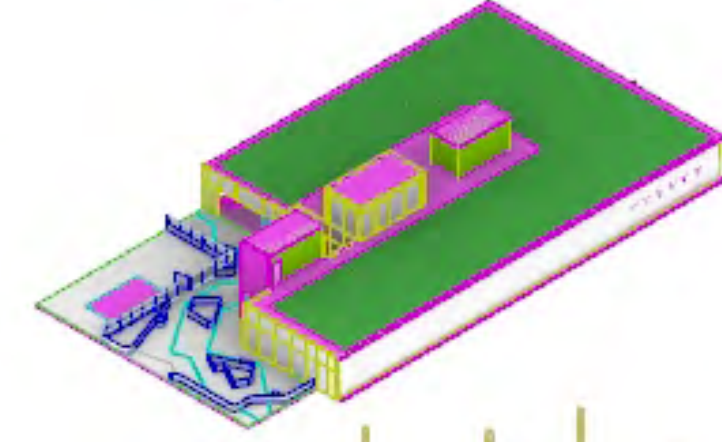
for everyone



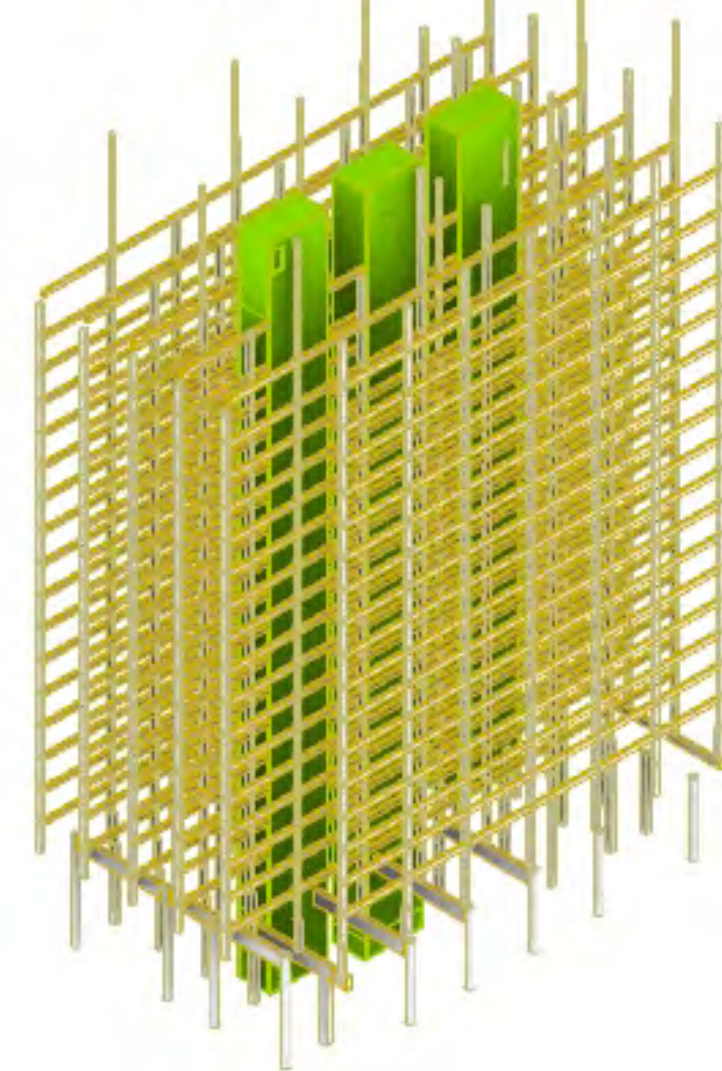
photovoltaics



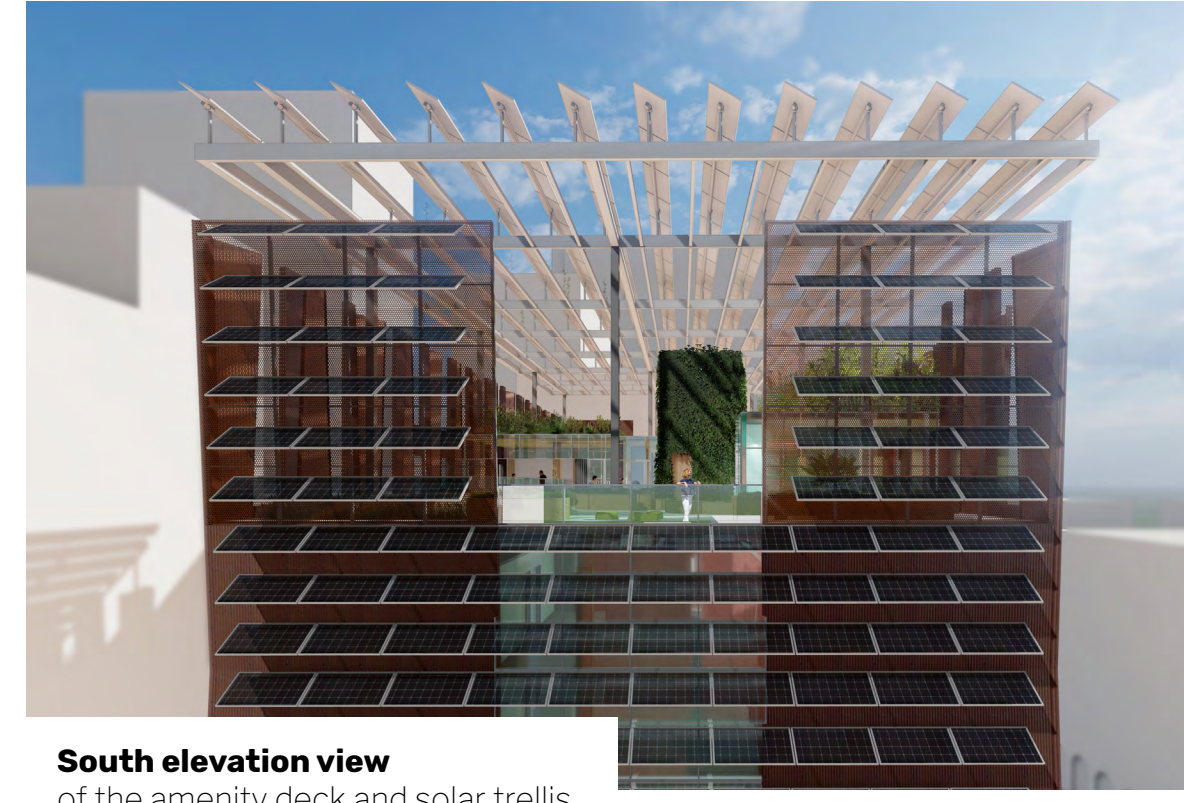
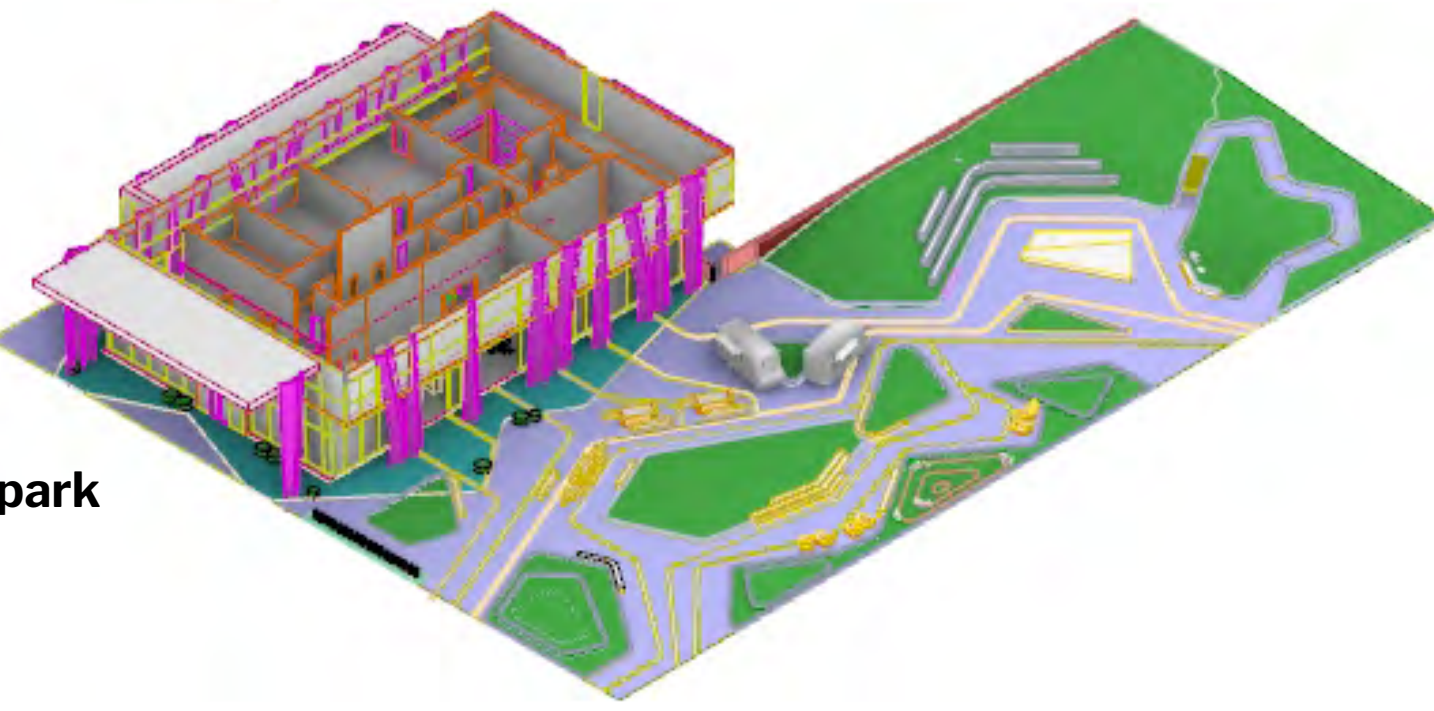
urban farm



carbon capture



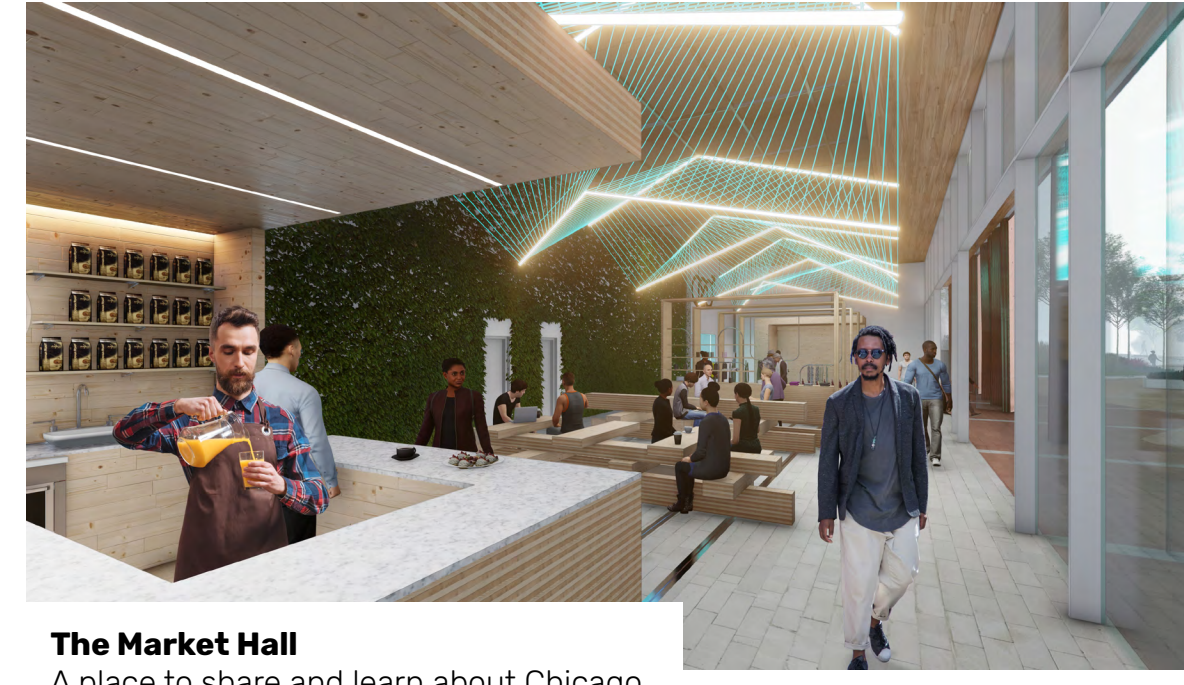
porous at the park



South elevation view of the amenity deck and solar trellis.



Rooftop amenity deck with community kitchen, urban farm and photovoltaic canopy.



The Market Hall A place to share and learn about Chicago



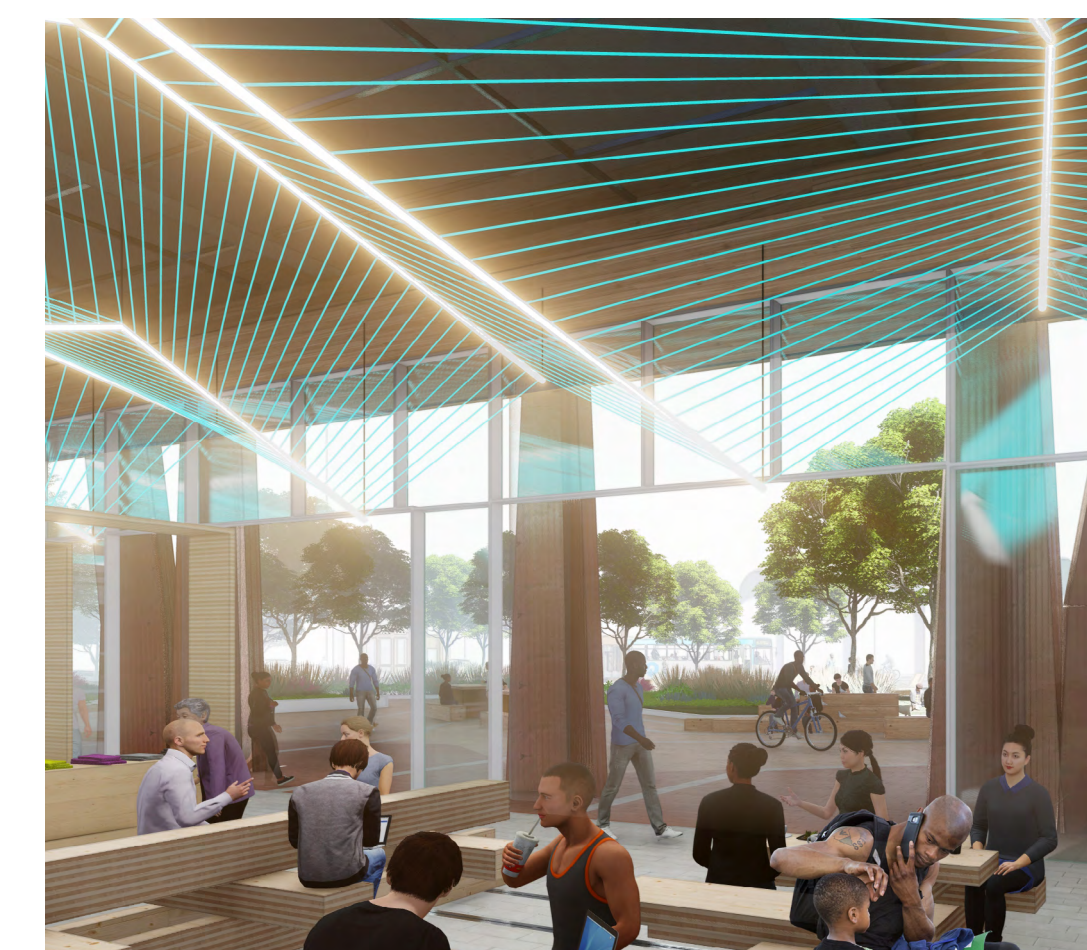
The Site A place to gather, meander, discover, and relax.



The Market Hall Track-mounted market kiosks are set-up to showcase Chicago-made craft. Gender Neutral Restrooms beyond.



AM / market Market kiosks are mounted on tracks and can be easily moved to activate the space. Here the kiosks are spread out for a lively market scene.



The Market Hall Permanent Coffee Shop generates activity all day.



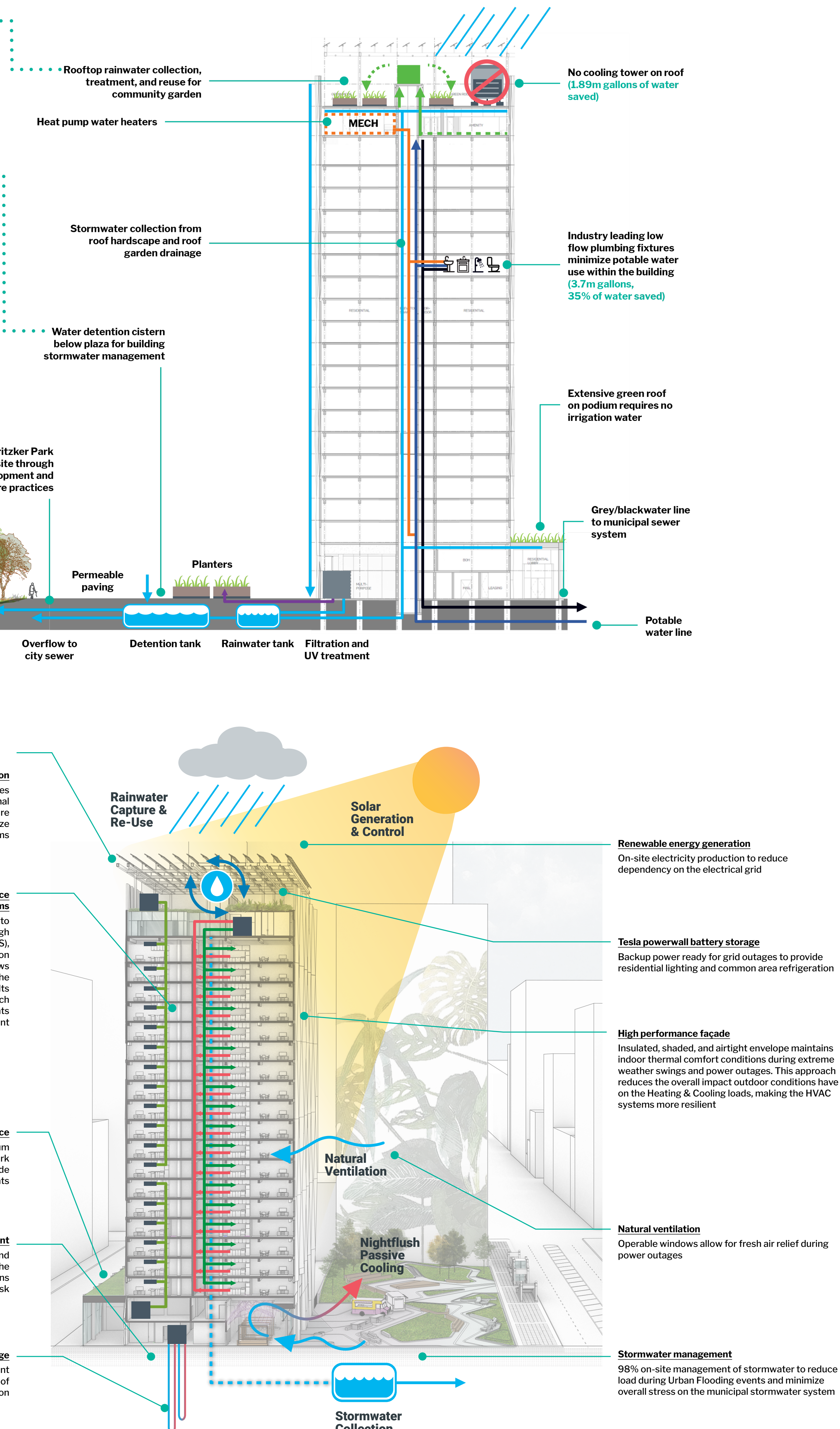
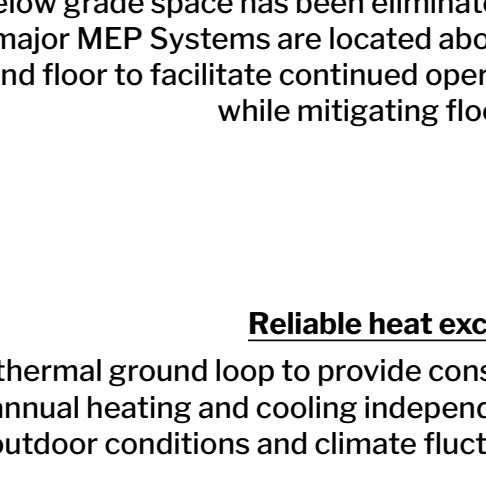
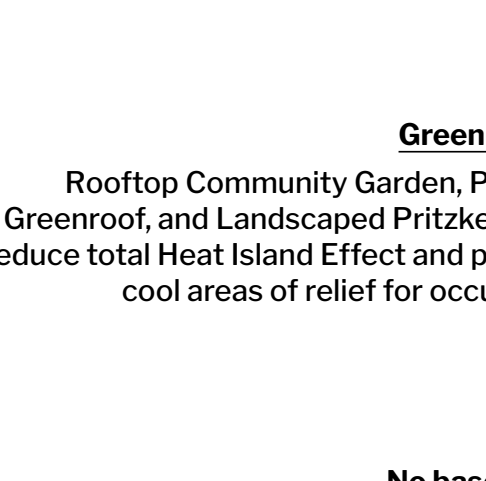
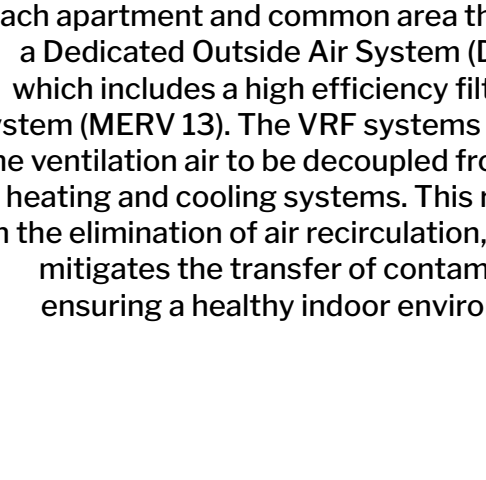
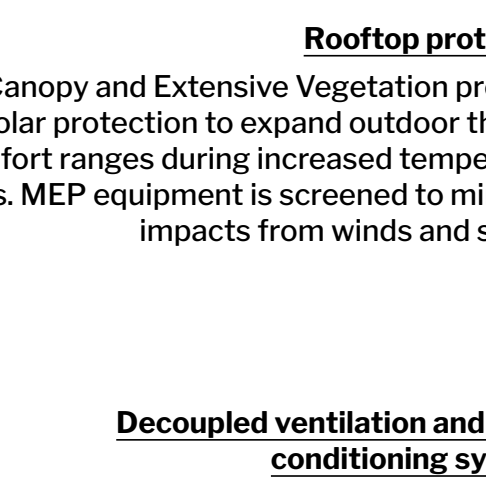
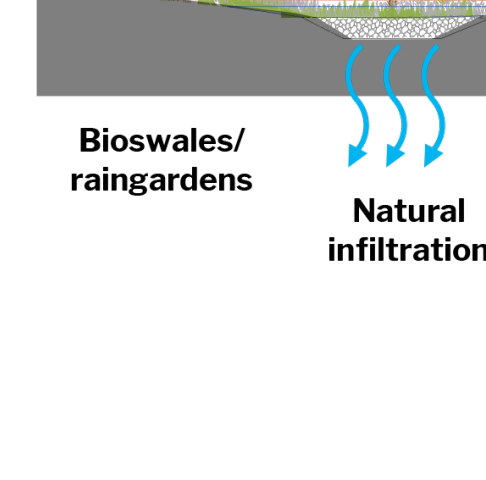
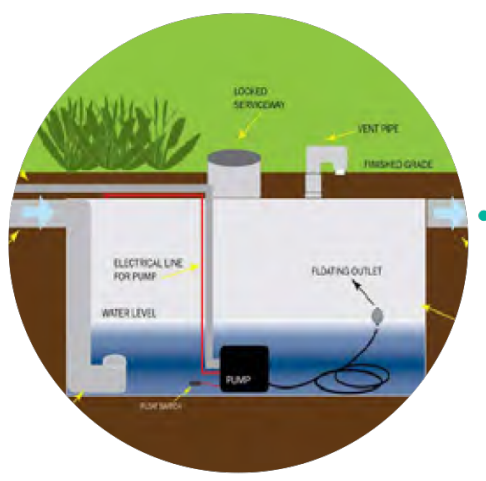
PM / event Here, the market kiosks have been stacked at the north end of the space, clearing out a large zone in the middle for an evening event.

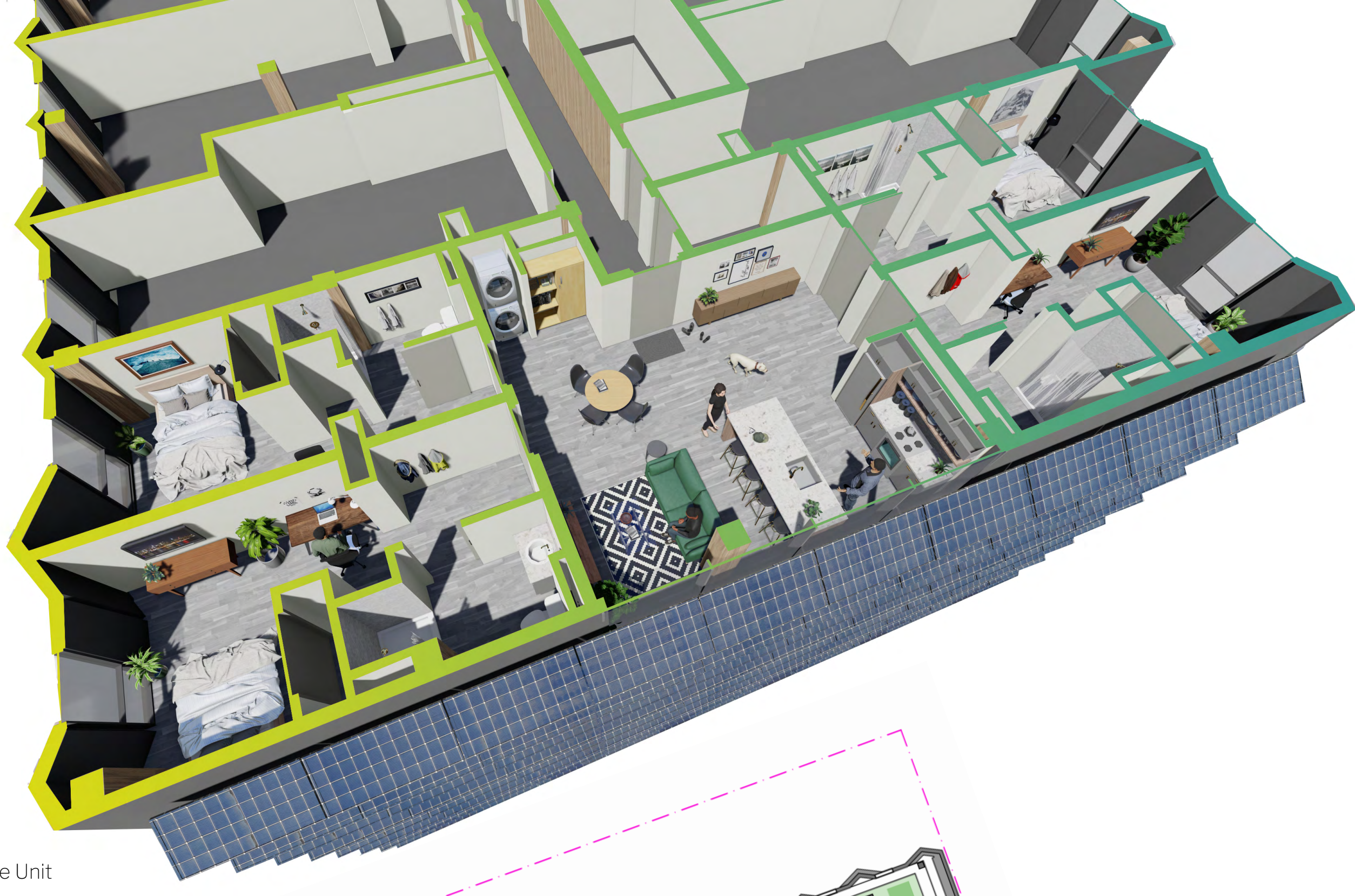


Residential Lobby on Plymouth Court Biophilic patterns on the glass reduce solar heat gain and create a calming space to welcome residents.

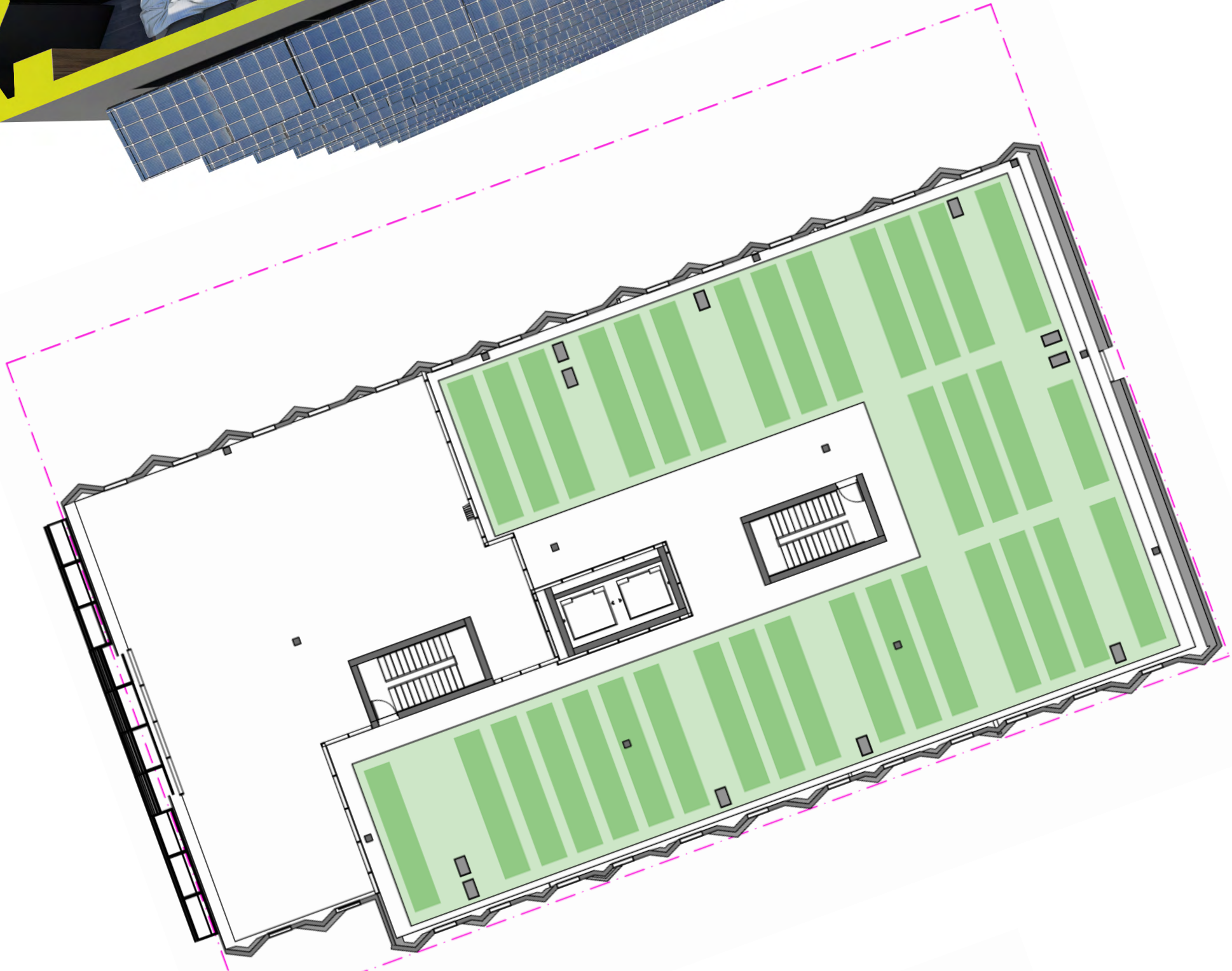


Plymouth Court Facade Tree-Like ribs create a heroic, modulated facade.





Co-Live Unit



Roof Plan
Urban Farm



Level 21
Amenity Deck



Levels 4-20
Residential



1. Relocated Divvy Bike Station
2. Special Paving Bend
3. Terraced Landscape
4. Raised Planter with Seat Wall
5. Structured Bench
6. Movable Cafe Seating
7. Picnic Tables
8. Food Truck
9. Lawn
10. Lounge seats
11. Rain Garden
12. Stage
13. Amphitheater
14. Market Space
15. Gender Neutral Restrooms
16. Community Center



Dynamic Solar Panels
The rooftop photovoltaic panels run north-south over the length of the roof but are mounted to sun-tracking "rockers." As the sun moves from east to west, the PVs high above the building follow the sun, rotating and capture as much power as possible. The rockers increase the efficiency of these PVs, and their movement ensures that all the rooftop plantings are exposed to the sun sometime during every day. All told, the combination of facade and rooftop PV panels will **generate 22% of the power** needed to operate the building.



Co-Live Suite Interior View
View of shared living, cooking, and dining space.



The Amphitheater
A space to enjoy outdoor performances or relax in the sunshine.



The Plaza
A gathering space for people, food trucks, and CMM's mobile design center.



The Lawn
Quad-like space in the heart of the City.