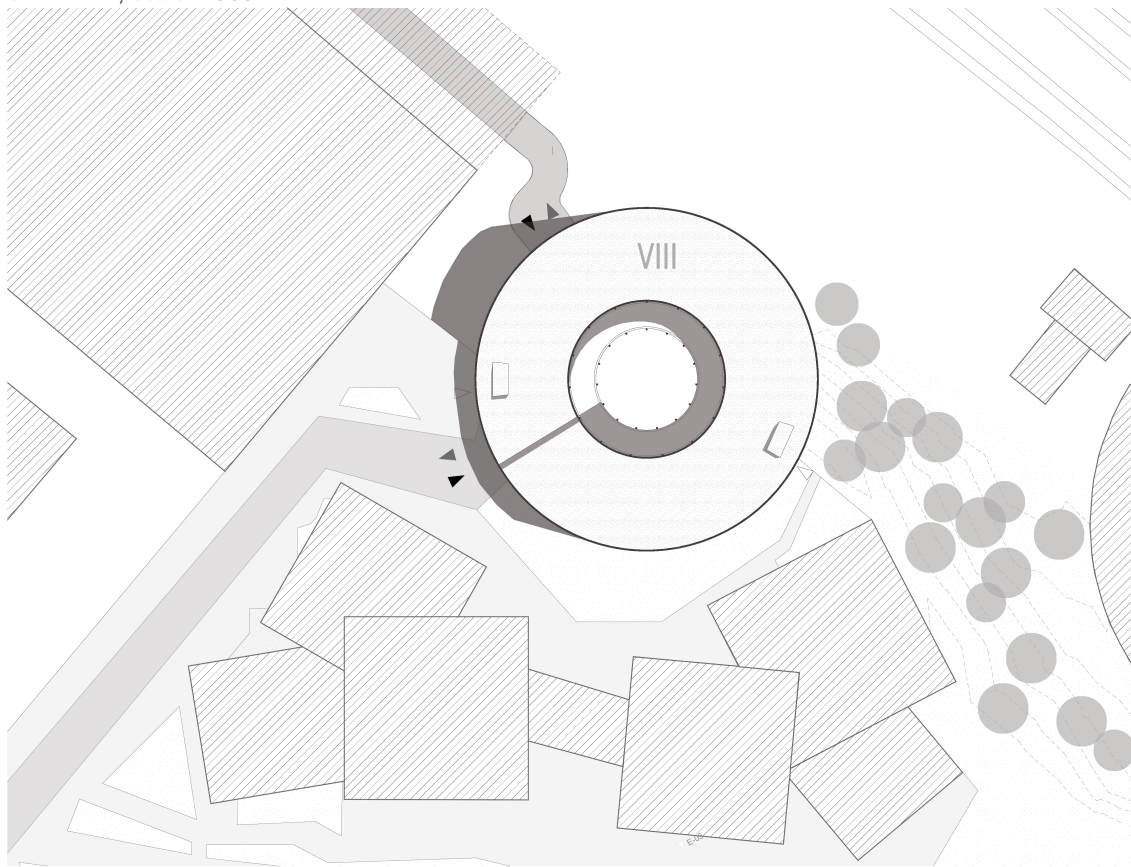


SITE PLAN, scale 1:500



Located at Röntgenvägen 9 in Solna, Sweden, the P-Hus Solna Strand is an 11-story parking facility designed to provide efficient and accessible mobility solutions for the surrounding office district. The building was inaugurated in March 2016, following the groundbreaking in the summer of 2014, and today offers 870 parking spaces. Among these, 42 are equipped with charging stations for electric vehicles, with infrastructure prepared for an equal number of additional stations in the future.

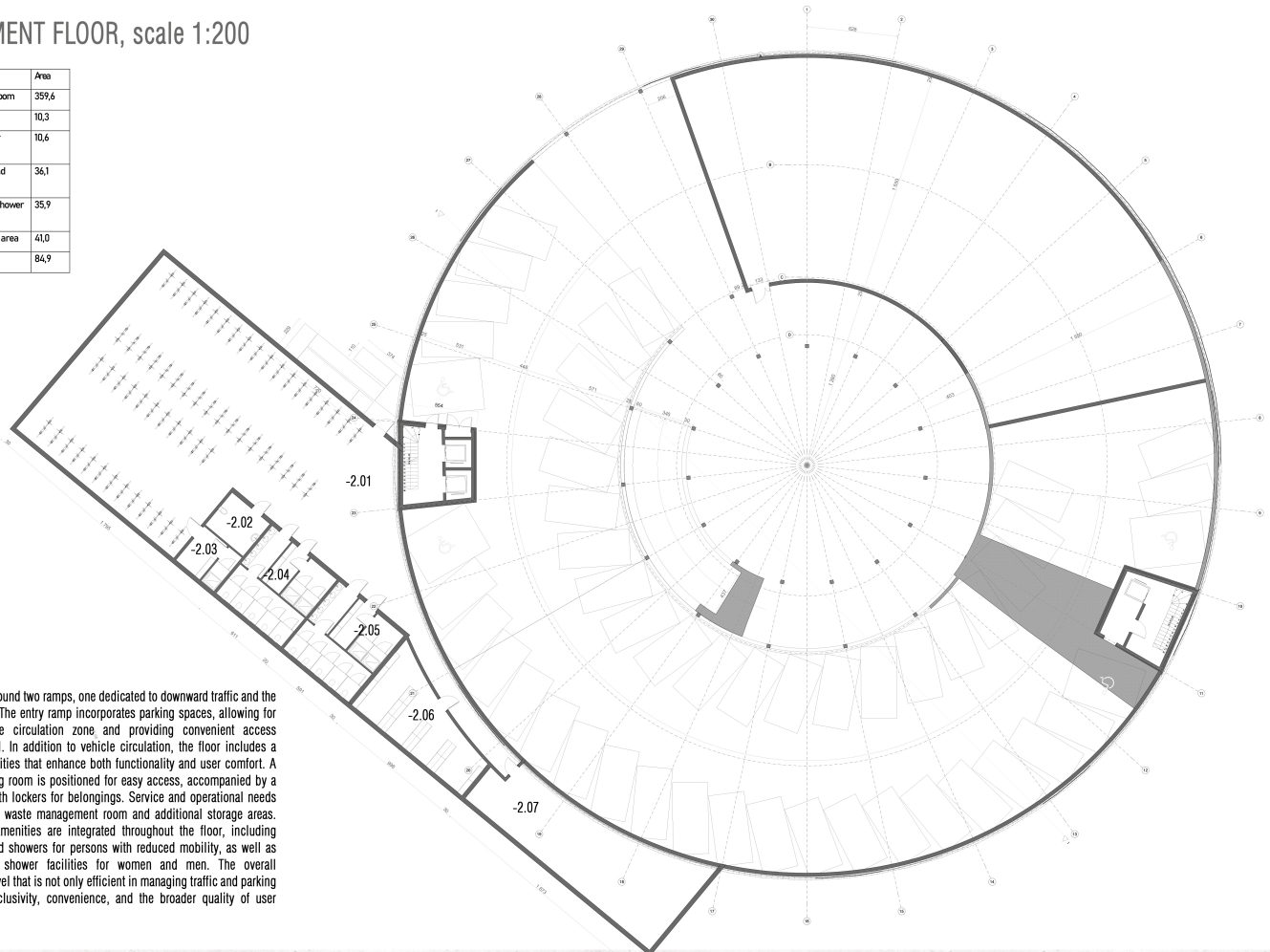
The circular form of the structure ensures optimal use of space and creates a strong architectural presence that harmonizes with the upcoming office buildings along Tritonvägen and Frösundaleden. Positioned adjacent to the railway tracks, the parking house maximizes visibility while contributing to the urban landscape.

Accessibility has been a central consideration in the design. The facility provides wheelchair-friendly entrances and parking spaces, ensuring inclusive use. Payment is flexible, with options for long-term rental contracts as well as hourly or daily rates.

- LEGEND
- ▬ Building under consideration
 - ▶ Car park exit
 - ◀ Car park entry
 - ◁ Building entry
 - ▭ Surrounding buildings
 - ▬ Road
 - ▬ Sidewalks
 - ▭ Grass areas
 - Trees

2ND BASEMENT FLOOR, scale 1:200

NR	Area designation	Area
-2.01	Bicycle parking room	359,6
-2.02	Accessible toilet	10,3
-2.03	Accessible shower facility	10,6
-2.04	Women's toilet and shower facilities	36,1
-2.05	Men's toilet and shower facilities	35,9
-2.06	Personal storage area	41,0
-2.07	Storage room	84,9



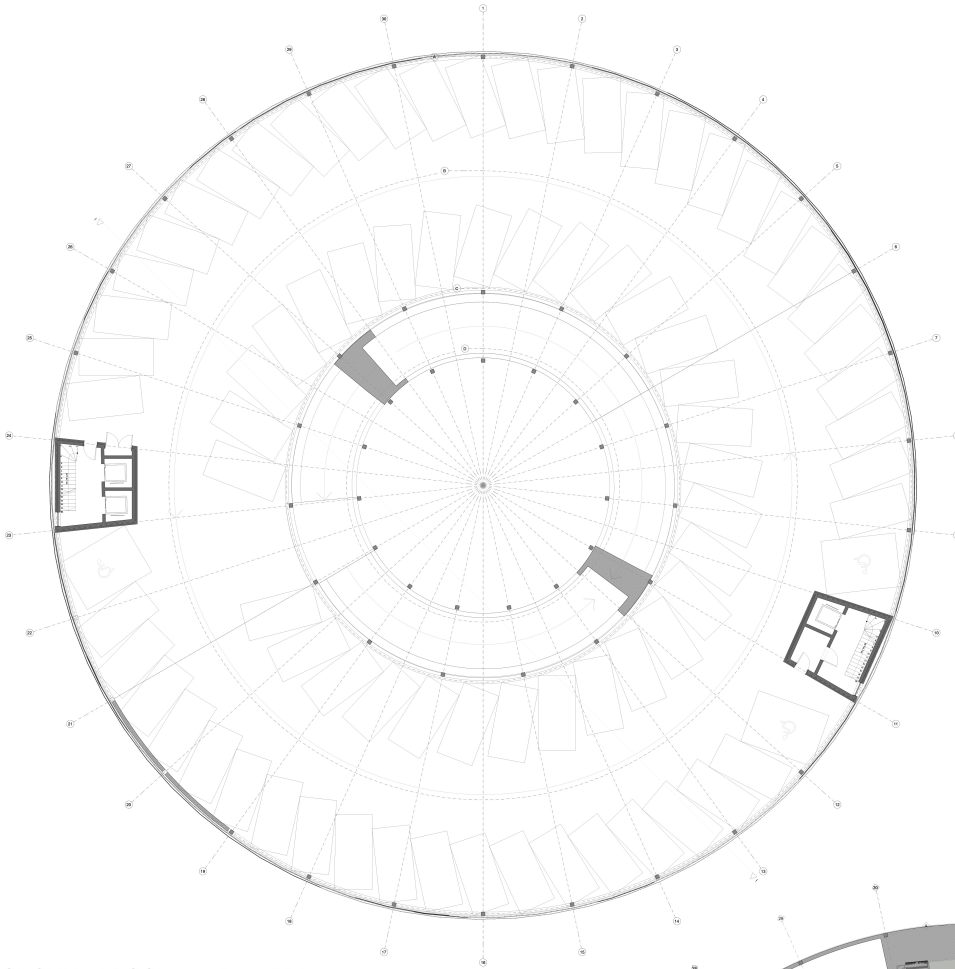
This level is organized around two ramps, one dedicated to downward traffic and the other to upward access. The entry ramp incorporates parking spaces, allowing for an efficient use of the circulation zone and providing convenient access immediately upon arrival. In addition to vehicle circulation, the floor includes a range of supporting facilities that enhance both functionality and user comfort. A dedicated bicycle parking room is positioned for easy access, accompanied by a personal storage area with lockers for belongings. Service and operational needs are addressed through a waste management room and additional storage areas. Sanitary and wellness amenities are integrated throughout the floor, including accessible restrooms and showers for persons with reduced mobility, as well as separate restroom and shower facilities for women and men. The overall arrangement creates a level that is not only efficient in managing traffic and parking but also attentive to inclusivity, convenience, and the broader quality of user experience.



1ST BASEMENT FLOOR, scale 1:200

Level -1 is designed around two separate ramps that carefully regulate internal traffic flow. The first ramp is intended for upward vehicle movement and also serves as a parking area, with numerous parking spaces distributed along its length. Among these, several bays are specifically designated for people with reduced mobility, ensuring full compliance with accessibility standards. This ramp also provides direct connections to two staircases, allowing convenient pedestrian access from the parking area to the upper levels.

The second ramp, located internally, is dedicated exclusively to downward traffic. By separating the directions of movement into two independent ramps, the design ensures clear and orderly circulation. This layout significantly enhances user safety, minimizes the risk of congestion and collisions, and facilitates orientation within the parking level. Overall, the system creates a cohesive and intuitive traffic flow, providing smooth and convenient movement for both vehicles and pedestrians throughout the underground level.

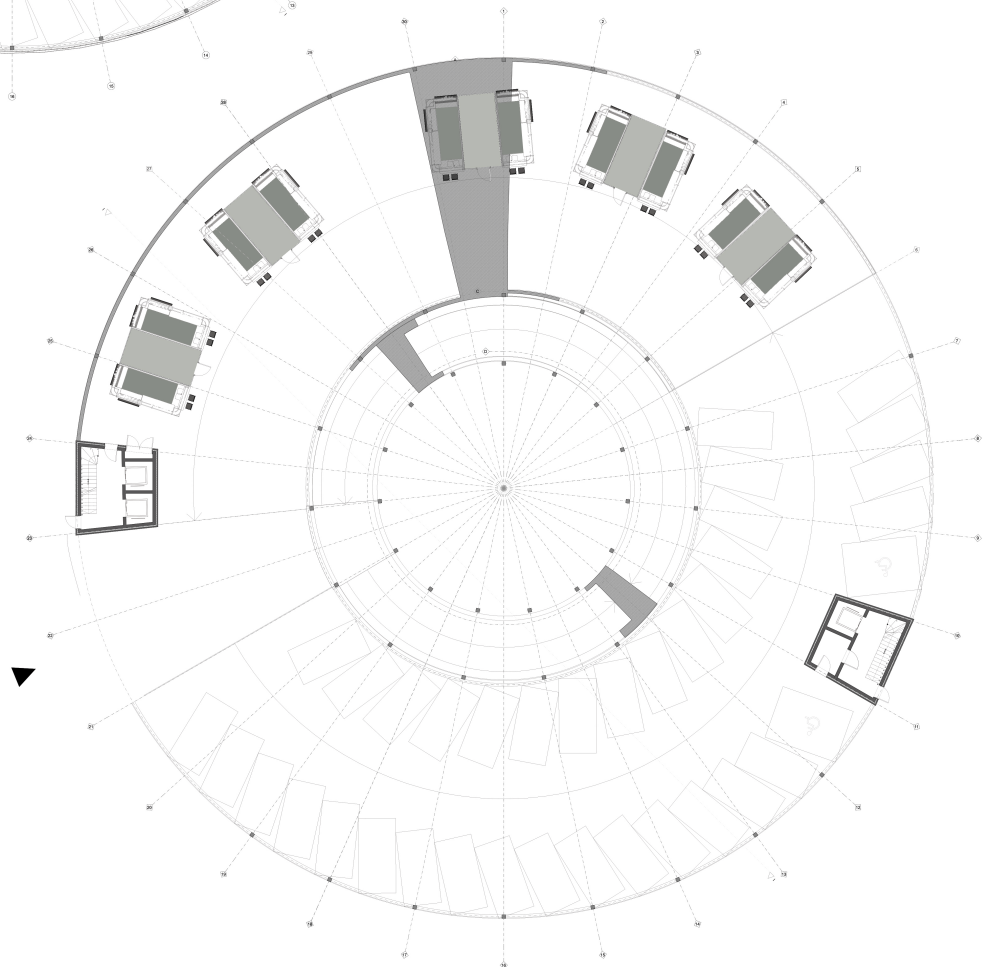


GROUND FLOOR, scale 1:200

- LEGEND
- Storage
 - Food kiosks

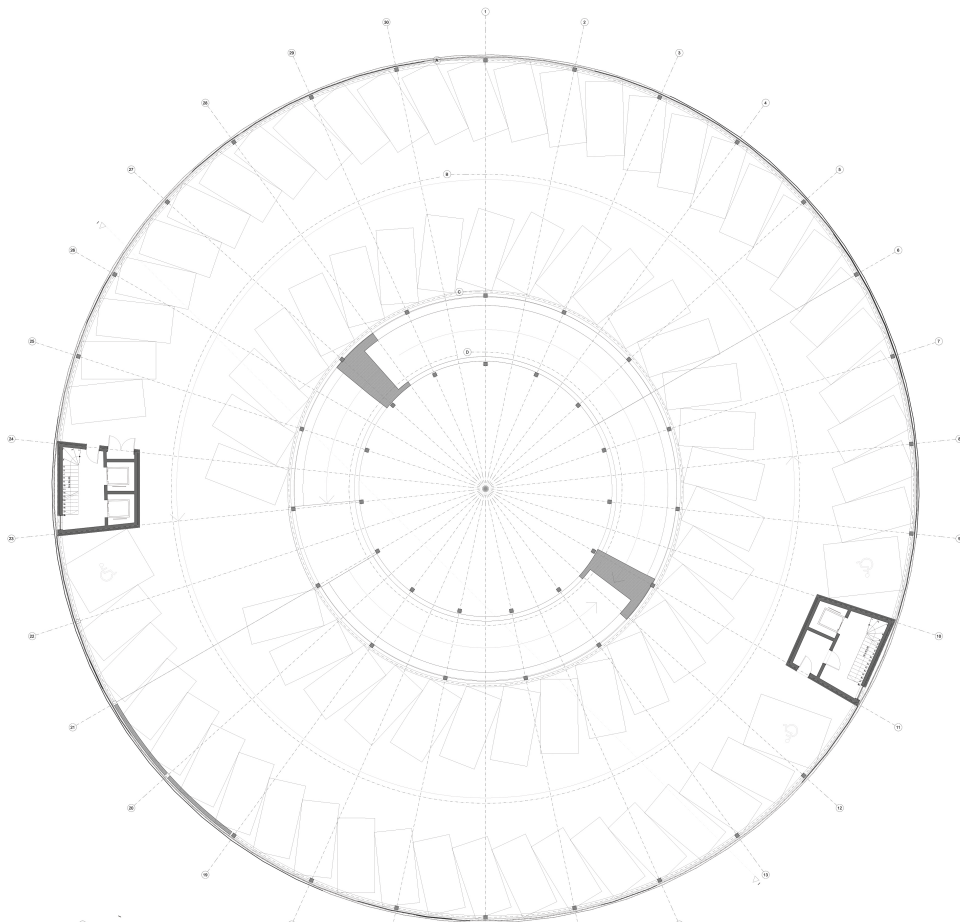
Level 0 provides direct access from the urban farm located within the garage structure. This level includes partially designated parking spaces immediately after the entrance, allowing convenient access for both visitors and deliveries.

Beyond the parking area, the spatial layout follows a repeating sequence of food-selling modules and storage units arranged alternately. Each food module offers products made directly on-site, emphasizing the idea of selling fresh, locally produced food straight from the urban farm. The adjacent storage areas support the operation of these stalls, ensuring smooth logistics and efficient supply management between production and sale.

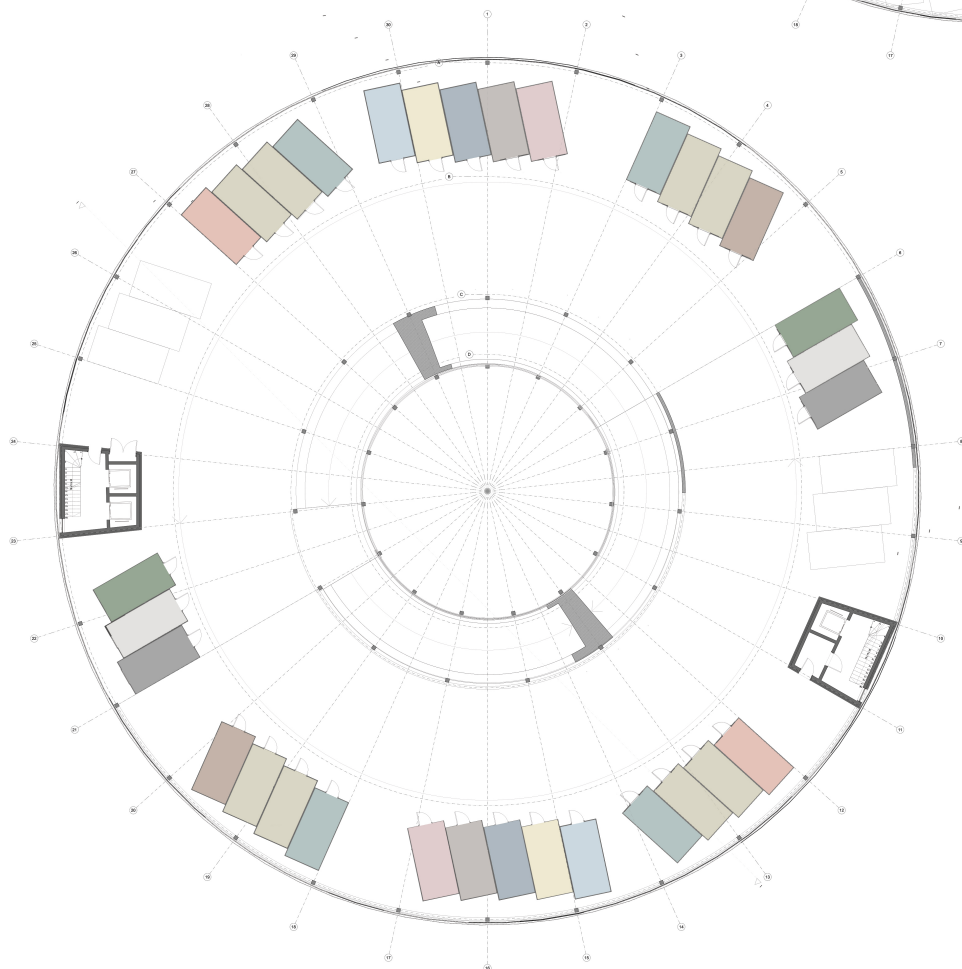


1ST FLOOR, scale 1:200

Level 1 is entirely dedicated to car parking, serving both staff and visitors. The floor provides a well-organized layout of parking spaces, allowing convenient access from the entrance. Its design ensures smooth circulation for vehicles and safe movement for pedestrians, accommodating the daily flow of employees and guests. By allocating the entire level to parking, the building guarantees that both staff and visitors have reliable and easily accessible parking close to the main access points.



2ND TO 6TH FLOOR, scale 1:200

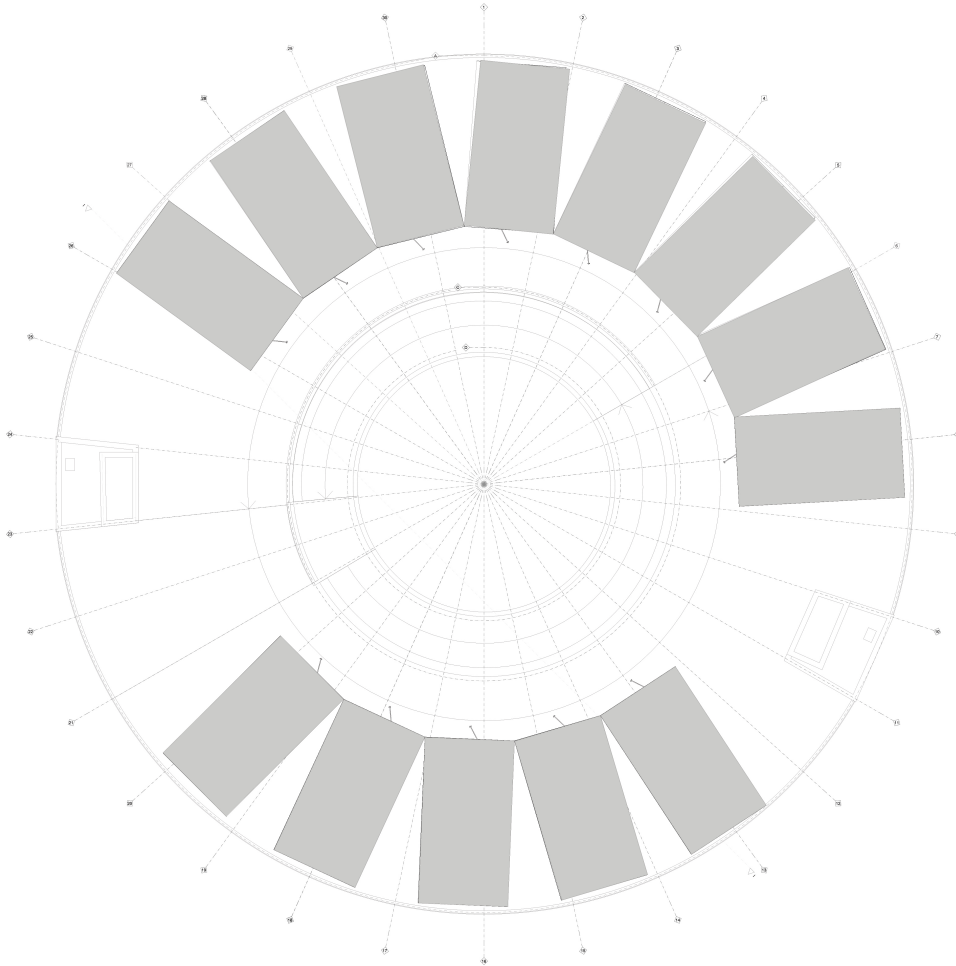


- LEGEND
- Incubation
 - Control
 - Fruiting
 - Preparation
 - Staff
 - Harvest
 - Growing
 - Fish
 - Fish processing
 - Filtration
 - Bio-battery
 - Storage
 - Propagation
 - Office
 - Social
 - Toilet

Levels 2 through 6 follow a repeating modular layout optimized for urban food production. Each floor contains production modules dedicated to cultivation, processing, and quality control, ensuring an efficient and consistent workflow. Alongside the production areas, every level includes offices, sanitary facilities, and storage spaces that support daily operations.

Administrative zones are located close to production modules for smooth coordination, while storage areas are strategically placed for easy handling of raw materials and finished products. The number and scale of production units are designed to supply food both for internal use and external sale, reinforcing the building's function as a productive urban farm.

The modular repetition enables flexibility, easy maintenance, and clear organization, promoting spatial efficiency and user comfort. Staff can move seamlessly between production, storage, and office zones, maintaining high operational control. The repeated layout across Levels 2-6 simplifies construction and maintenance while creating a cohesive architectural identity that balances productivity, flexibility, and efficiency.

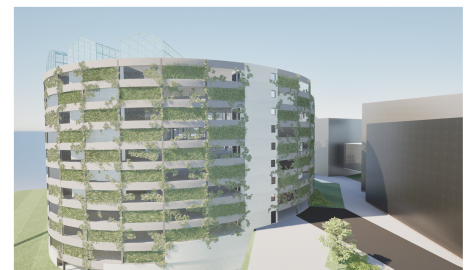
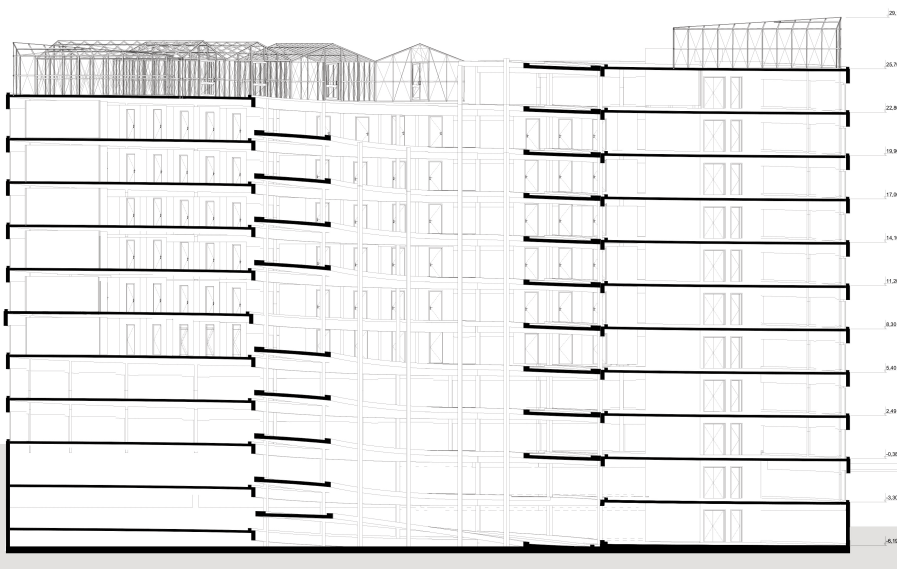


ROOF PLAN, scale 1:200

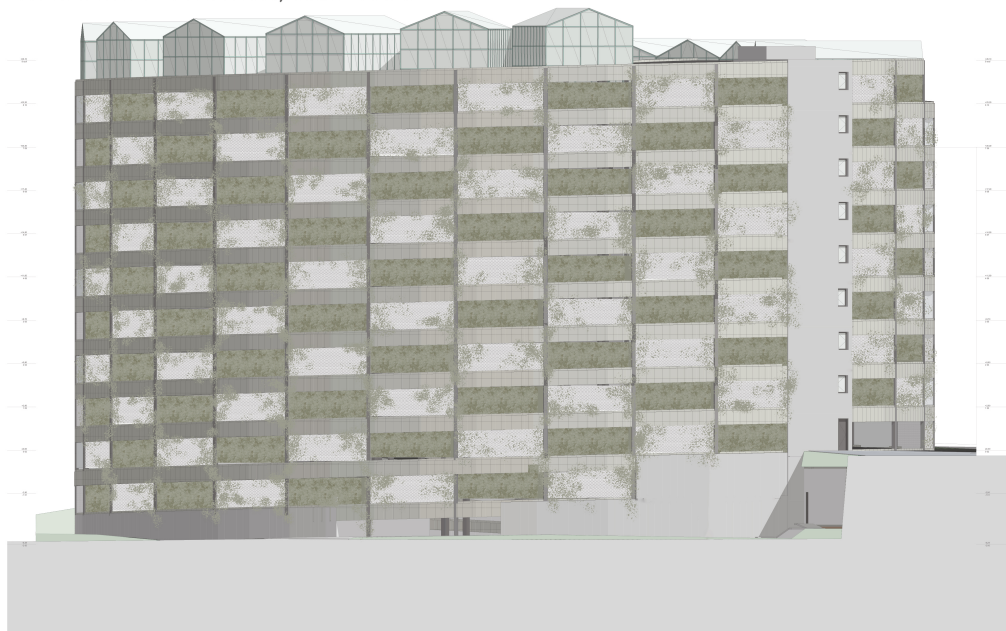
LEGEND
 ■ Greenhouse

On the roof of the garage, greenhouses are located, providing dedicated spaces for urban farming and the cultivation of fresh produce. These rooftop greenhouses take advantage of natural sunlight and open-air conditions, allowing for sustainable growing practices directly above the building. The design integrates accessible pathways for staff to manage crops efficiently, while also ensuring that the rooftop functions as a productive and organized agricultural area. By situating the greenhouses on the roof, the building maximizes space utilization and brings food production closer to its point of sale within the facility.

SECTION I-I, scale 1:200



NORTHWEST ELEVATION, scale 1:200

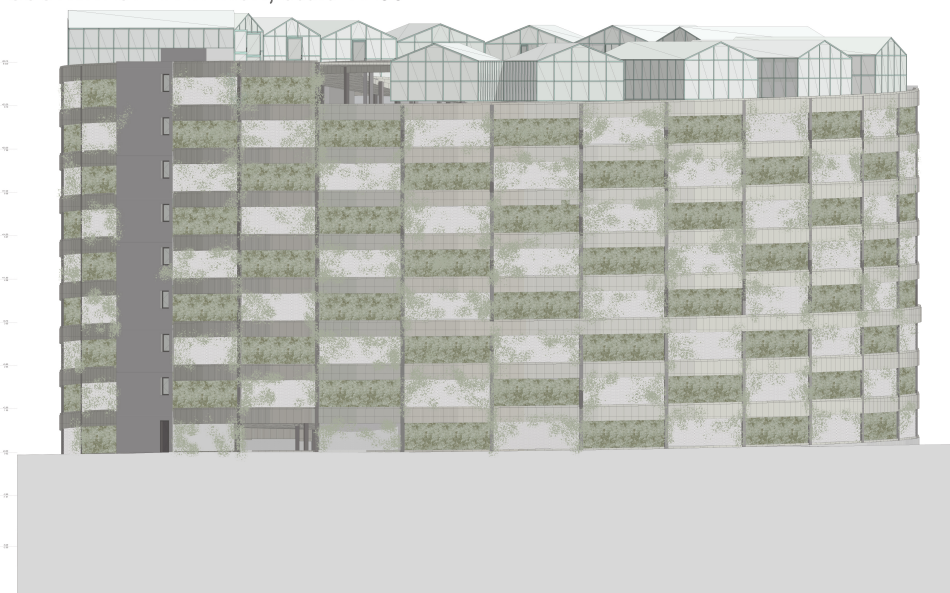


The northwest elevation is characterized by a distinct checkerboard composition created by alternating solid structural panels with vertical green walls. The green surfaces are formed by a light steel mesh system that supports climbing ivy, producing a dynamic, ever-changing façade that responds to the seasons. This combination of concrete and greenery provides a visual rhythm while contributing to improved microclimatic conditions and natural shading for the interior spaces.

At the uppermost level, a series of greenhouses occupy the roof, introducing dedicated areas for urban farming and research related to sustainable food production. These transparent greenhouse structures contrast with the robust façade below, emphasizing the building's ecological identity. The vehicular entrance to the facility is located at level -2, providing access to underground parking and service zones.



SOUTHWEST ELEVATION, scale 1:200



The southwest elevation continues the architectural language of the checkerboard façade, integrating living green walls with solid structural elements. The vertical greenery grows on a stainless-steel mesh system that wraps around the façade, softening the building's appearance and enhancing its environmental performance. Over time, the vegetation will create a vibrant, textured surface that blends the building into its natural surroundings.

On this elevation, the main vehicular access is positioned at ground level (level 0), allowing direct entry for visitors and service vehicles. Above, the rooftop greenhouses are clearly visible, symbolizing the project's commitment to sustainable design and local food production. Together, the façade treatment and rooftop agricultural spaces express a balance between architecture, nature, and technology — transforming the building into a living system that contributes positively to its urban context.