



**COAF SMART CAMPUS ARMAVIR - ONE ROOF, ONE CAMPUS**

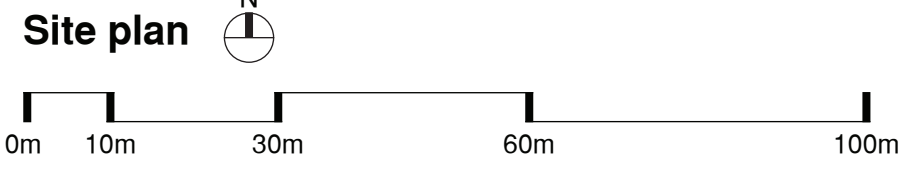
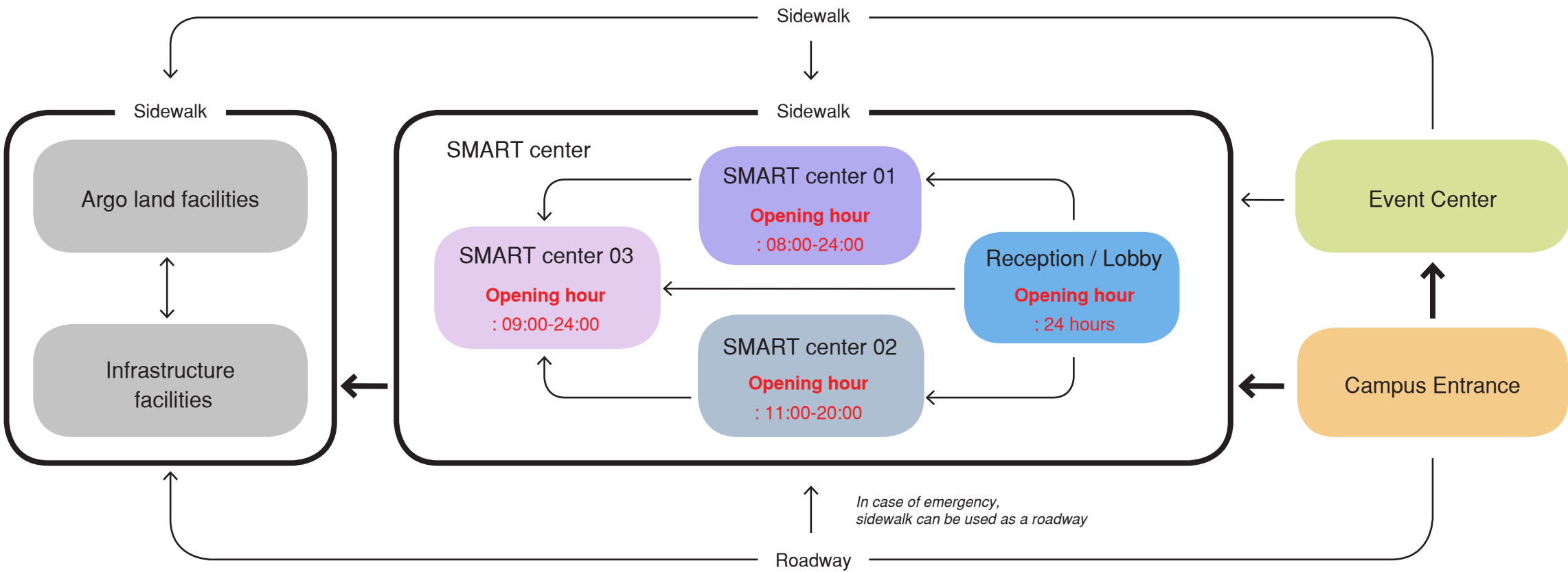
The Site is located in a vast natural space, not in an urban environment. For this reason, it is crucial for the project to have a proper relationship with nature in contrast to projects located in an urban context. This means that the master plan of the COAF smart campus armavir should incorporate curved lines and a spacious layout to reflect its natural surroundings, rather than adhering to a rigid and constricted plan. In terms of the architecture, instead of having one single entity, various spatial combinations should be utilized to meet the wide range of needs required by the different programs on the campus.

To take full advantage of the beautiful surroundings, the program buildings for the master plan are scattered throughout the space. Each building has a free standing shape rather than being incorporated into a single defined mass including all requested programs; this allows each to enjoy its own unique view. With this scheme, each space can have its own view toward different spots such as mountains, fields or the vineyard. Furthermore, the scattering of the buildings in the proposed master plan results in a cozy and intimate atmosphere like a small town, not a big city. All free standing buildings are connected by a curved linear structure which forms a common space between the program buildings, like a lane for strolling between houses in a small town. The result is that each building is separated to suit its particular program, while remaining part of one continuous space.

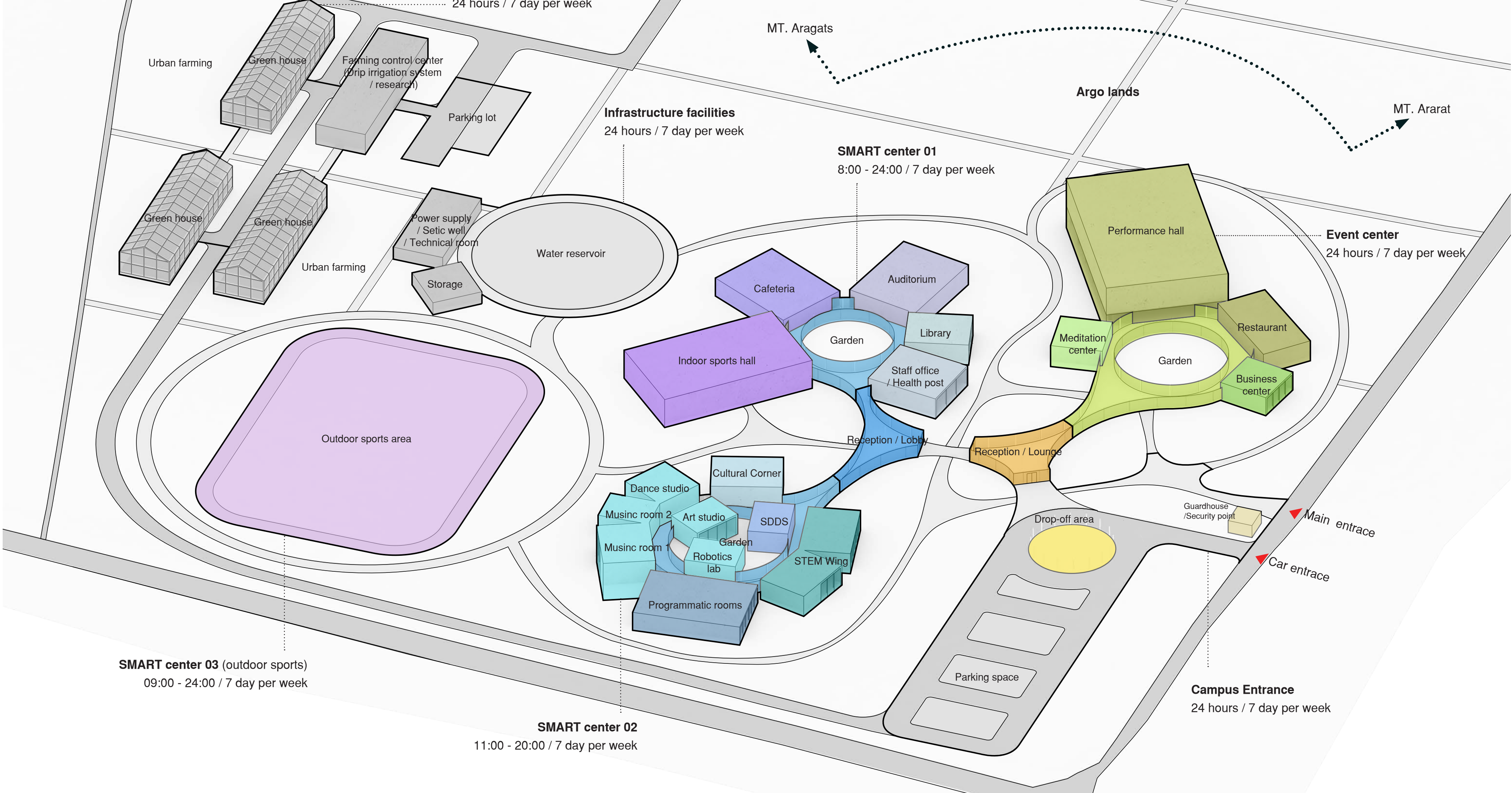
The landscape around the campus provides a beautiful backdrop for each building. However, there are also intimate enclosed nooks and gardens created by the buildings and the common space which provide a counterpoint to the vast surrounding landscape. These enclosed human-scale courtyards can be used for outdoor events and classes, or simply as a relaxing and peaceful green space.

Regarding the scale, the campus only consists of single-story buildings, but each volume has a different height according to the specific requirements of the programs. Due to this low but varied heights, the COAF smart campus armavir can be harmonized with the surrounding mountains and fields, and is designed as a completely accessible building for people.

**Flow chart diagram**



**Space organization**

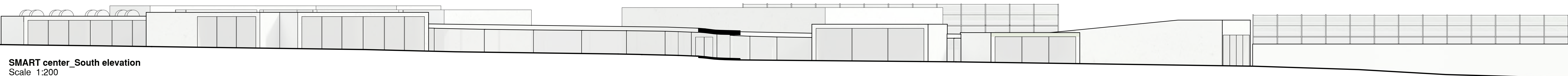




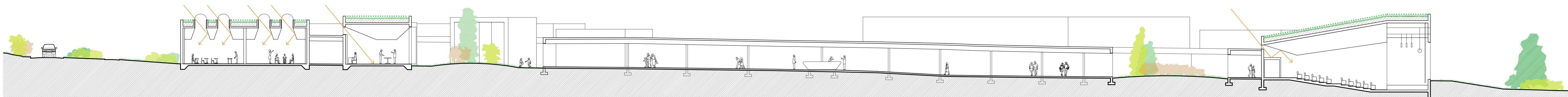
**SMART center\_Ground floor**  
Scale\_1:200, Total area: 3,490 sqm

Design outline

- |                                              |                                                |                                   |                                 |                                     |                            |
|----------------------------------------------|------------------------------------------------|-----------------------------------|---------------------------------|-------------------------------------|----------------------------|
| 1. Reception area (100 sqm)                  | 2-3. Programmatic room: Music room (150 sqm)   | 3. Digital design studio (80 sqm) | 6. Indoor sports area (570 sqm) | 9. Staff office area (150 sqm)      | 12. Restrooms (200 sqm)    |
| 2-1. Programmatic room: Standard (300 sqm)   | 2-4. Programmatic room: Dance studio (100 sqm) | 4. STEM Wing (200 sqm)            | 7. Library (130 sqm)            | 10. Cafeteria (200 sqm)             | 13. Common space (680 sqm) |
| 2-2. Programmatic room: Arts studio (80 sqm) | 2-5. Programmatic room: Robotics lab (75 sqm)  | 5. Cultural corner (145 sqm)      | 8. Health post (30 sqm)         | 11. Auditorium (300 sqm, 214 seats) | 14. Outdoor sports area    |

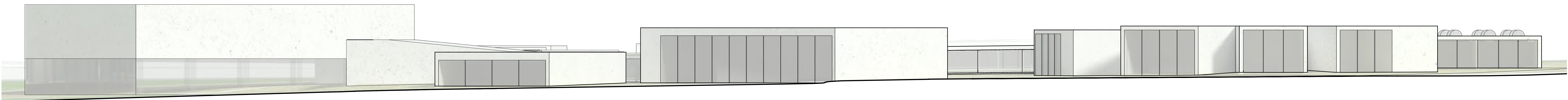


**SMART center\_South elevation**  
Scale\_1:200

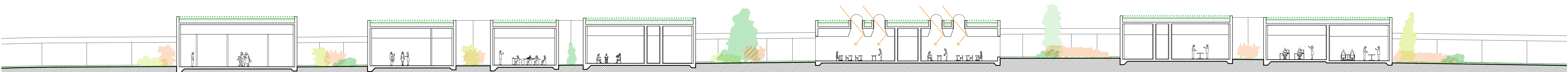


**SMART center\_Section A-A'**  
Scale\_1:200

- Skylight, Clerestory
- Green roof



SMART center\_North elevation  
Scale\_1:200,



SMART center\_Section B-B'  
Scale\_1:200

■ Skylight, Clerestory  
■ Green roof