

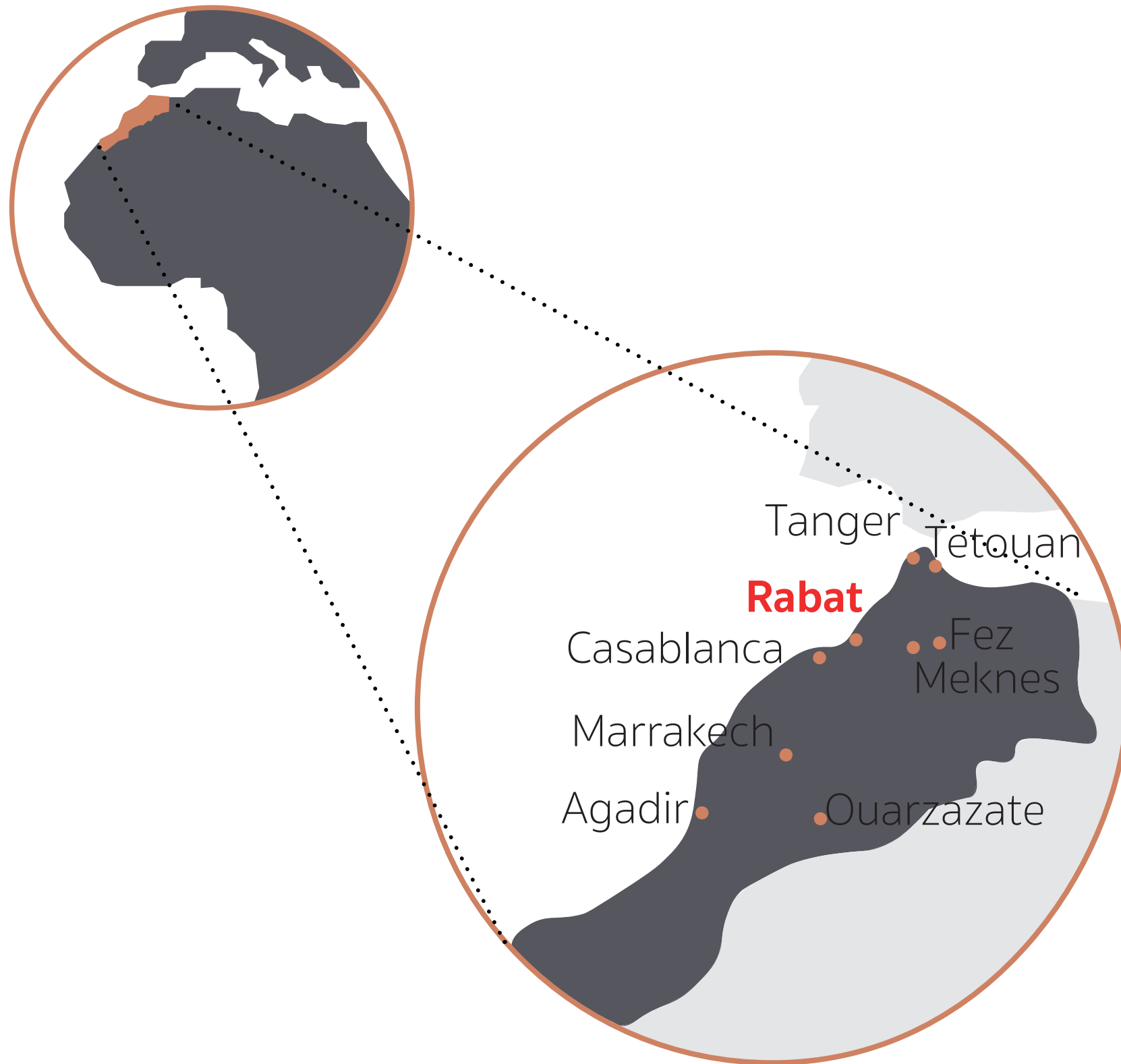
La solidarité de Fatima

Community center & hostels



Explore lab 35
Souad Bokzini
4140370

Morocco



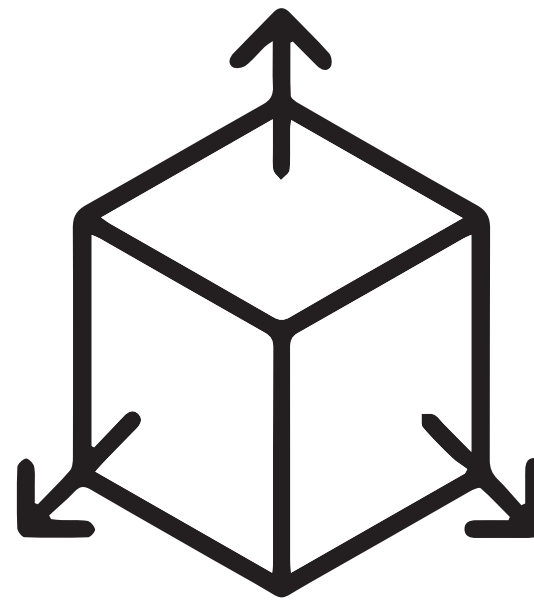
Royal cities

Fez
Marrakech
Meknes
Rabat

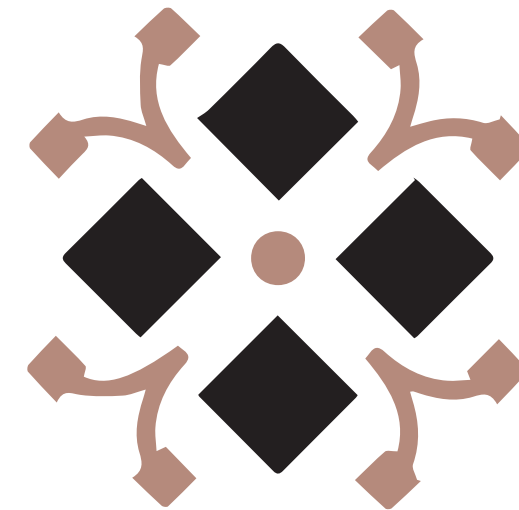
Morocco



Color



Shape

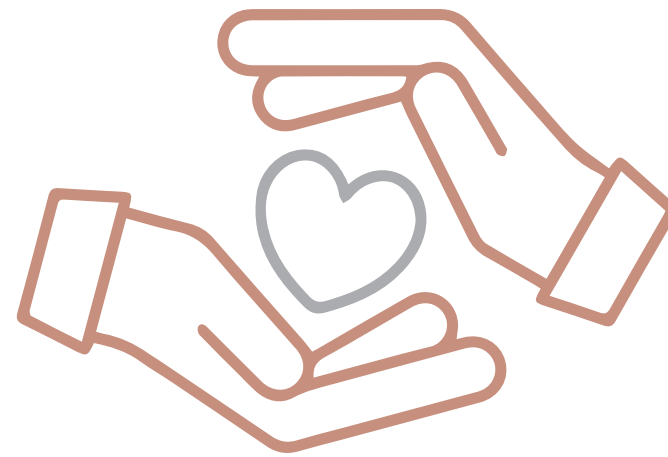


Decoration

Culture



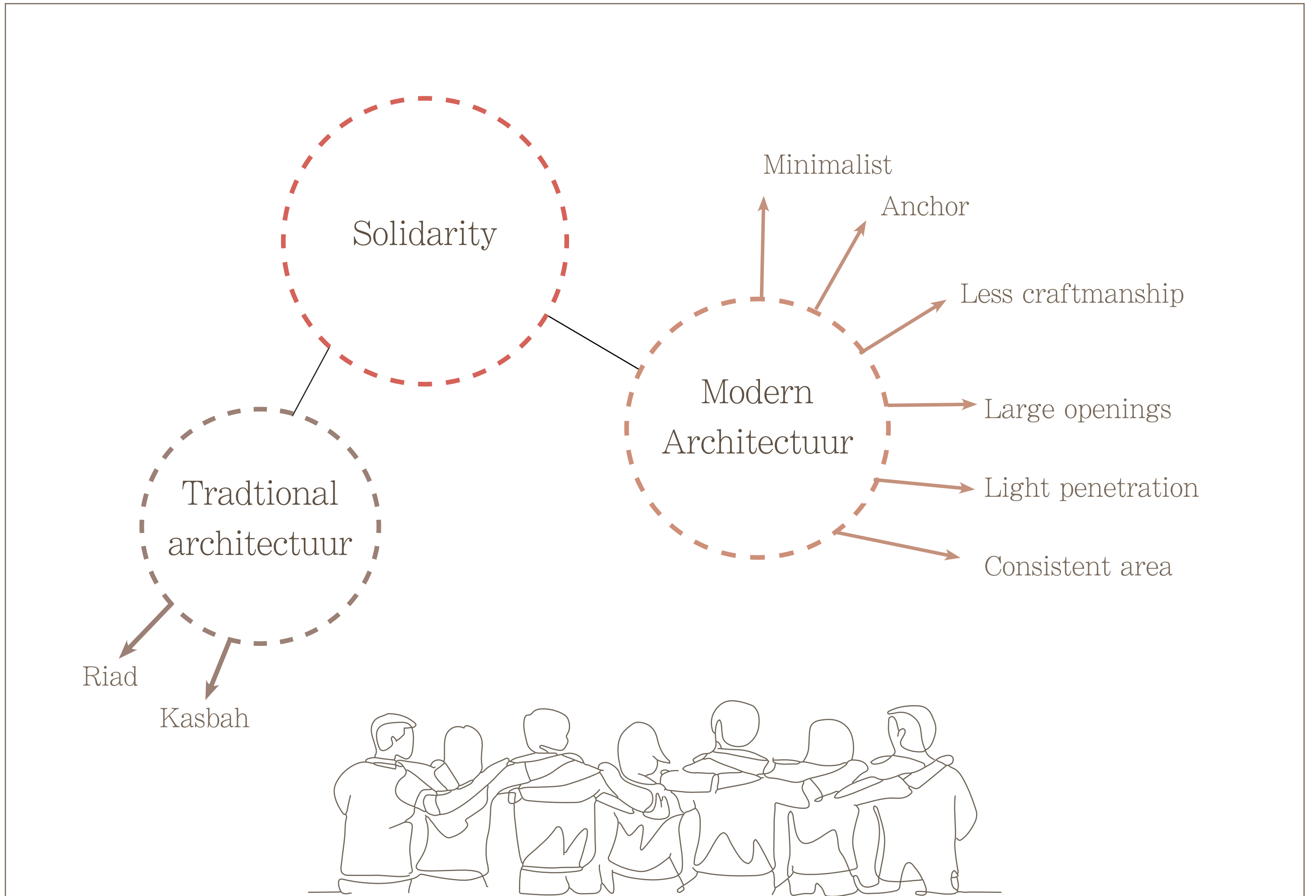
Colonisation



Solidarity



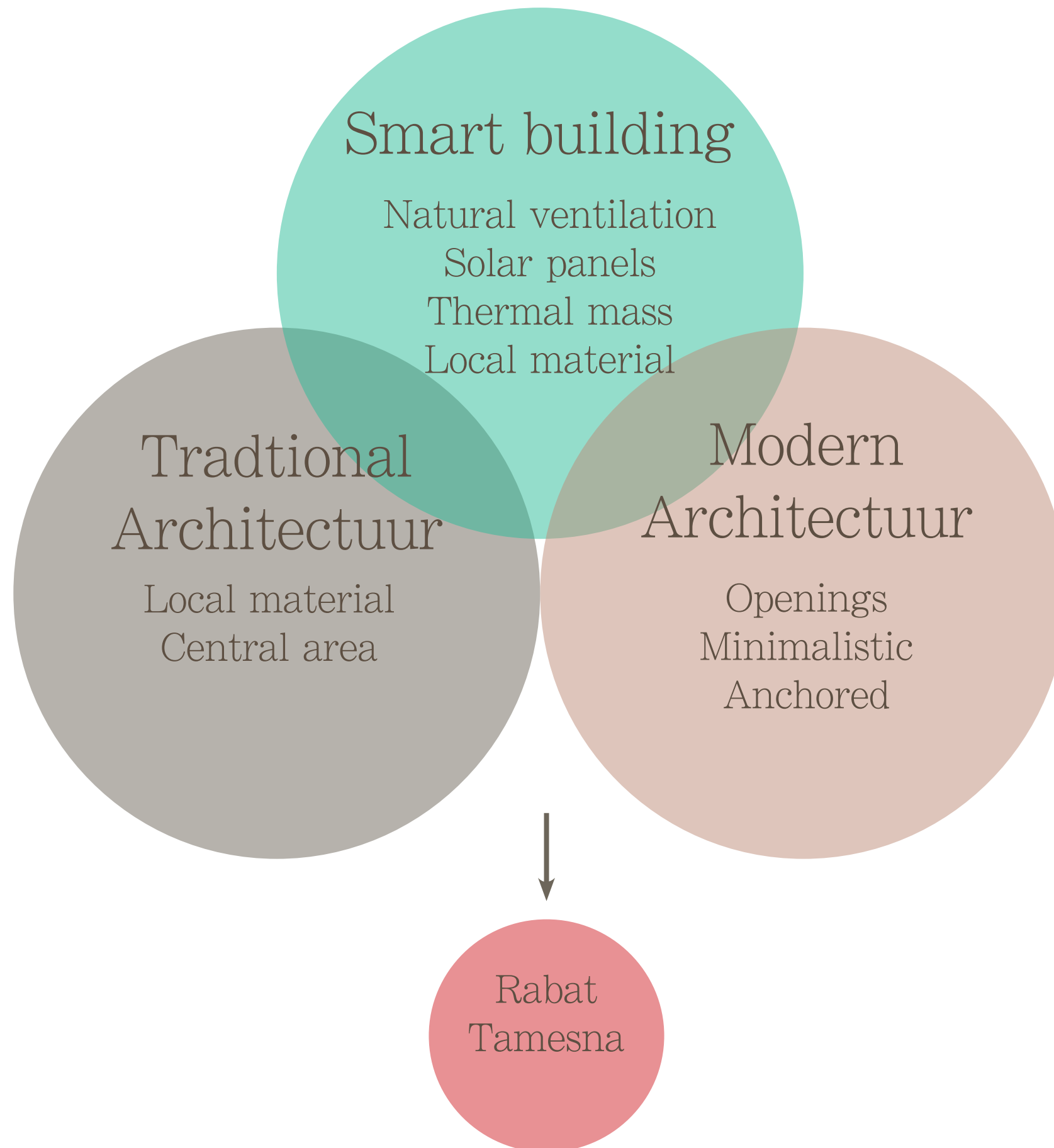
Religion



“To what extent is it possible, to create a design, which incorporates the **characteristics** of **modern** architecture, without **losing** their **own identity** and **traditions**?”

Dutch: “In hoeverre is het mogelijk, om een ontwerp te creëren, dat de **kenmerken** van **moderne** architectuur omvat, zonder de **eigen identiteit** en **tradities** te **verliezen**?”

Community center & hostels



Riad



Patio house 8x8



The Riad Jmya



The Royal Mansour

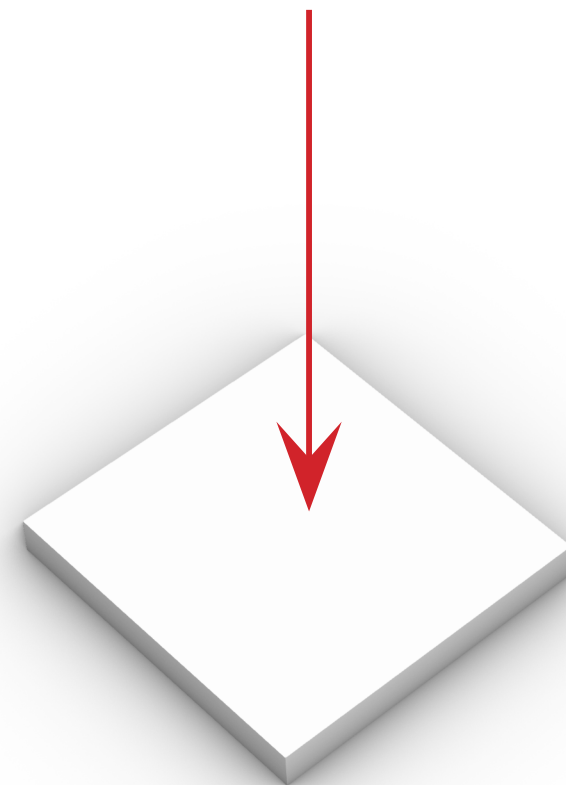
Kasbah



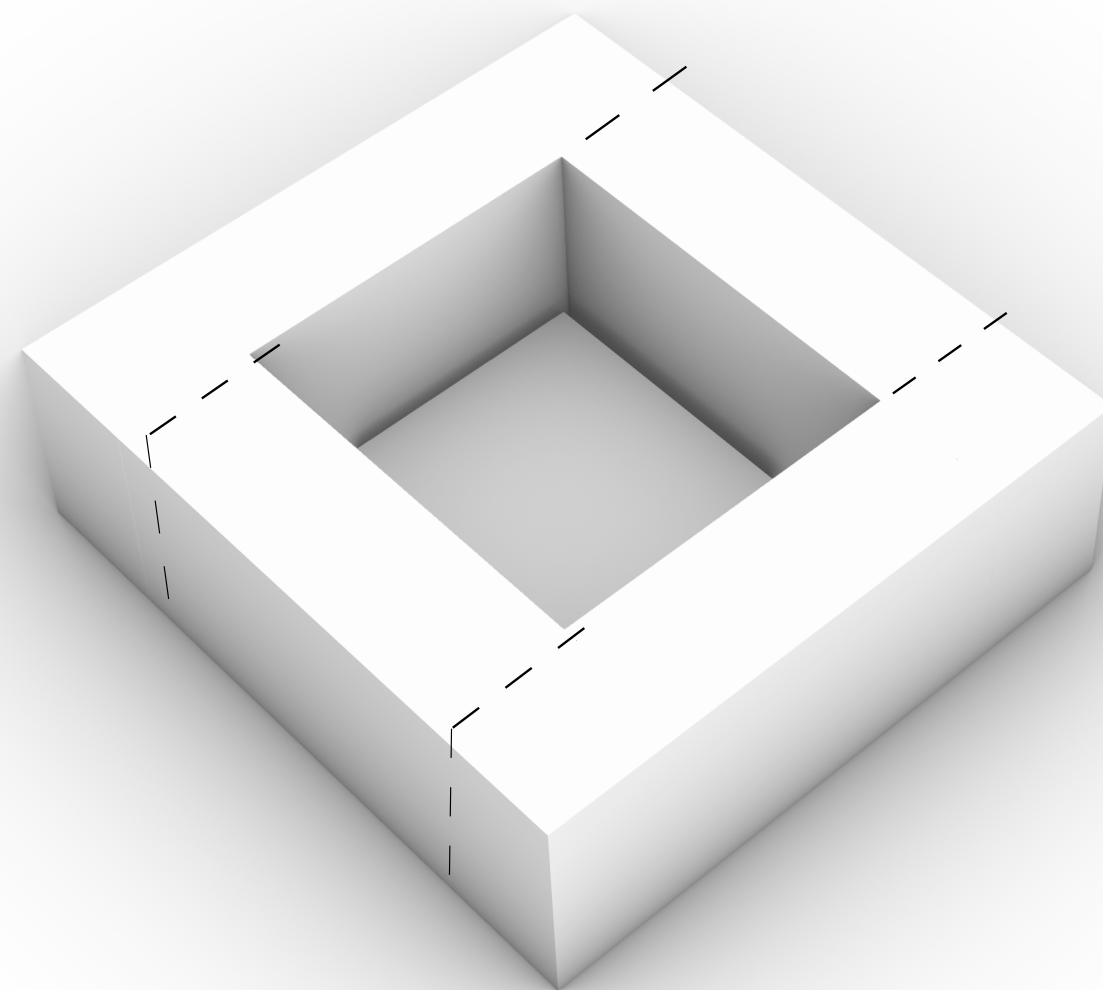
Taourirt kasbah



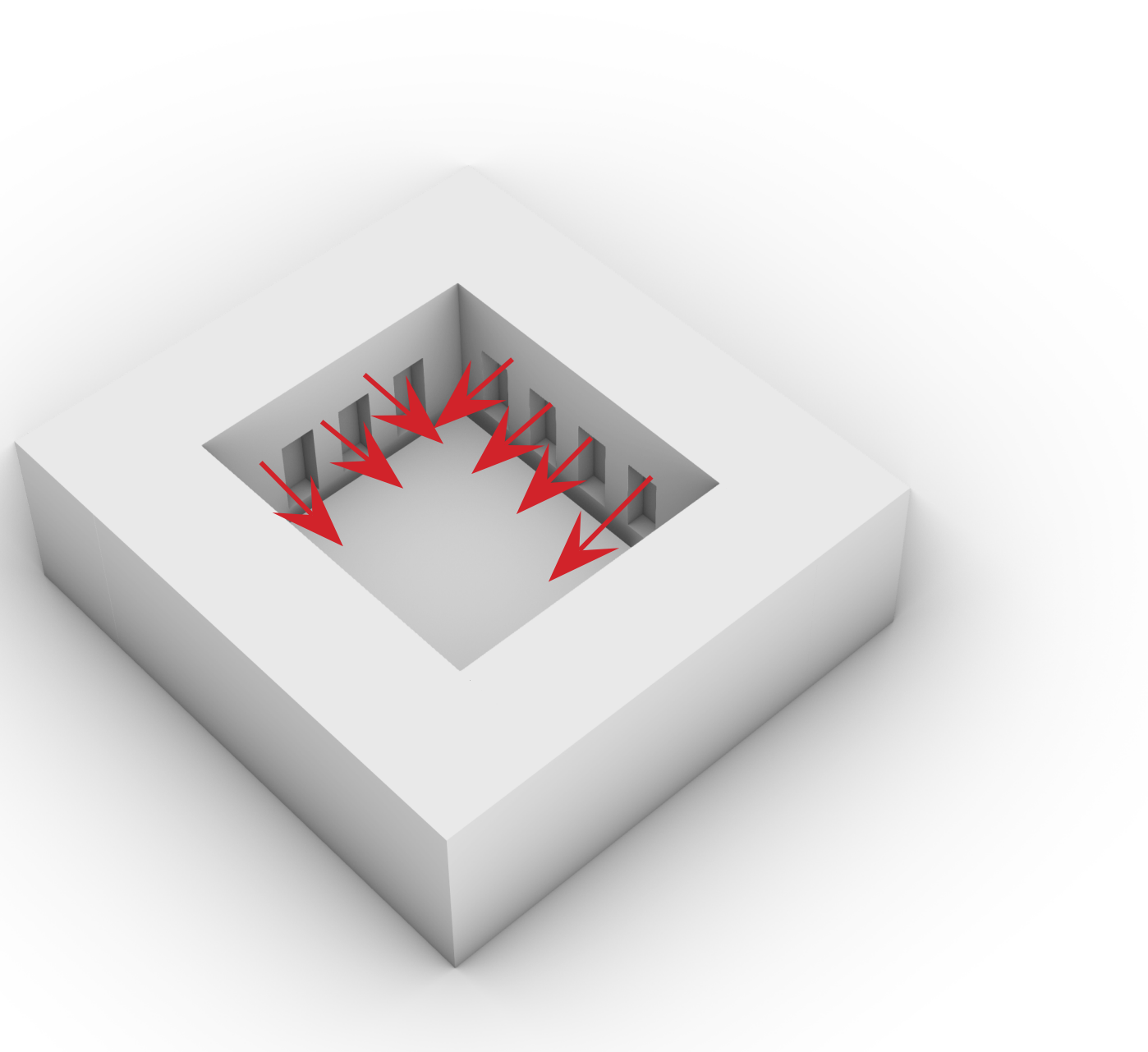
Tissergate ksar



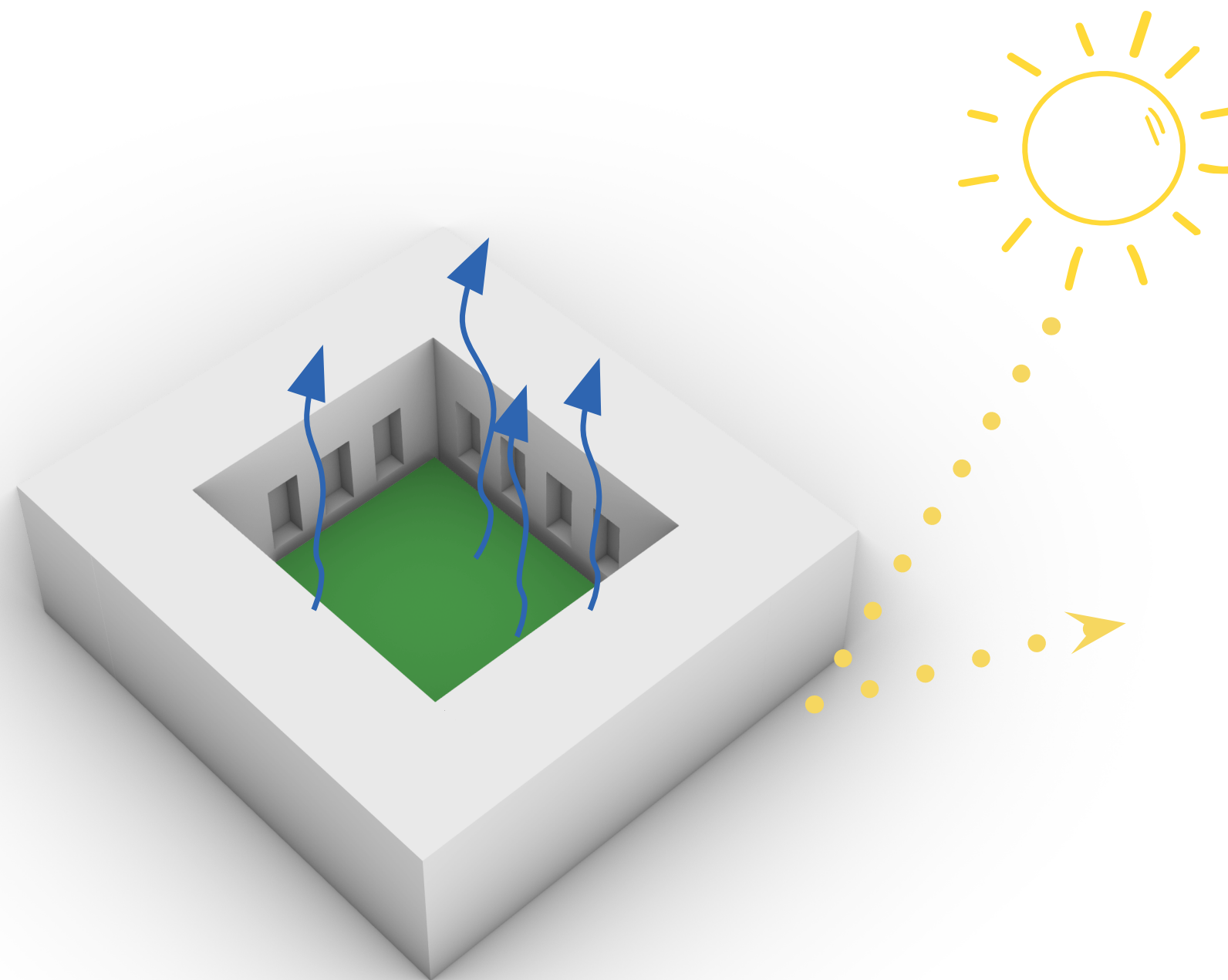
Central core



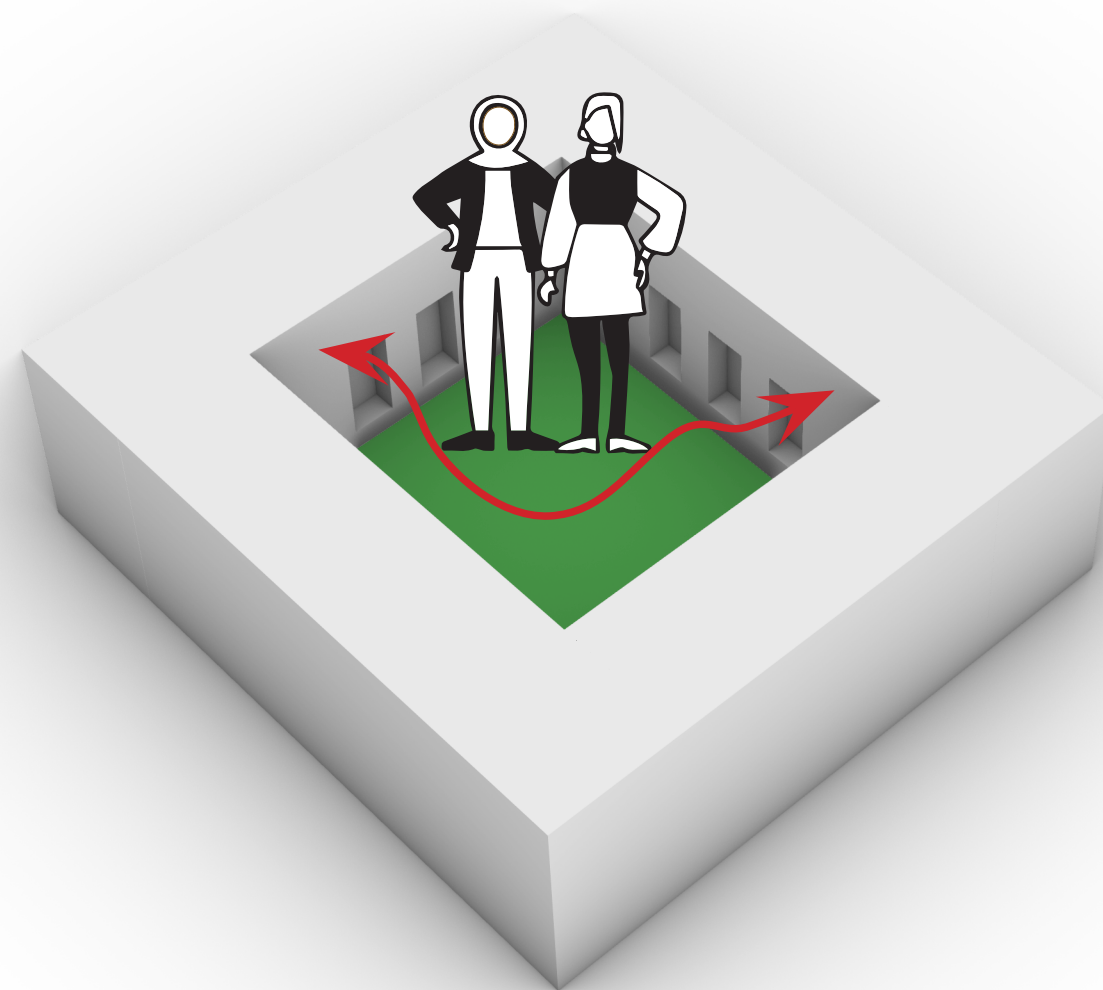
Rectangular spaces around



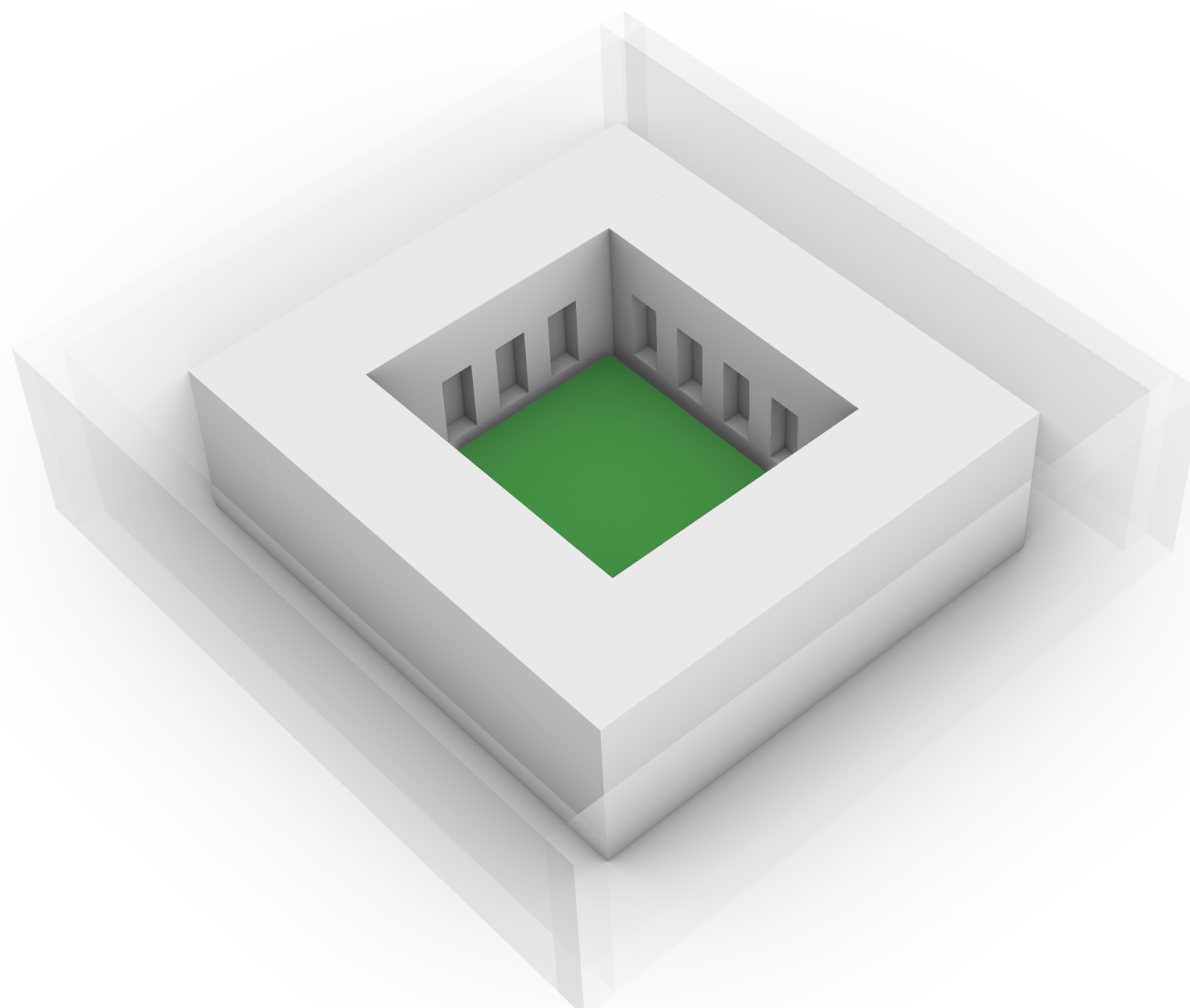
Openings inwards



Keep the sun out



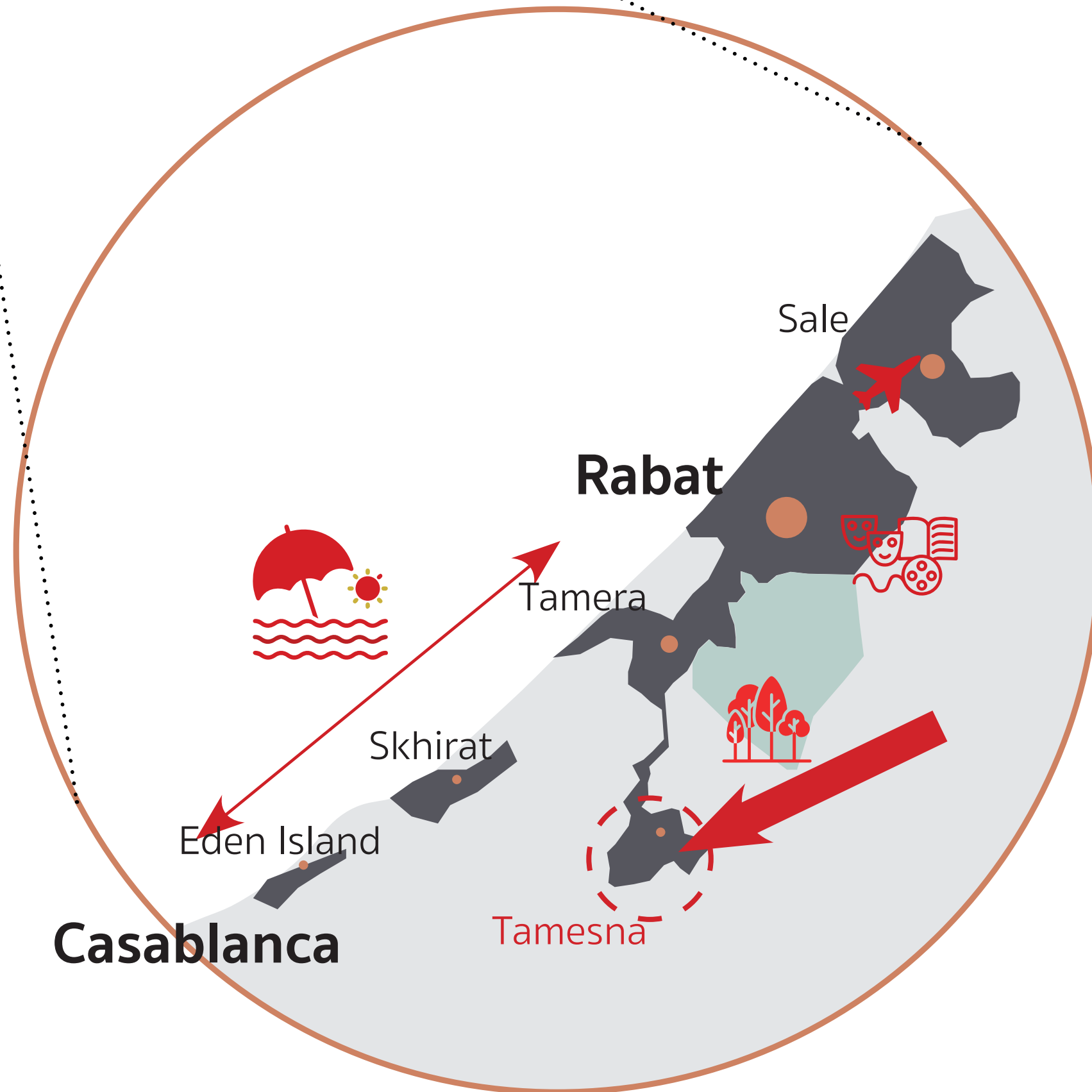
Social area



Sometimes extra protected



The site
Tamesna-Rabat



Distances

Rabat -20km

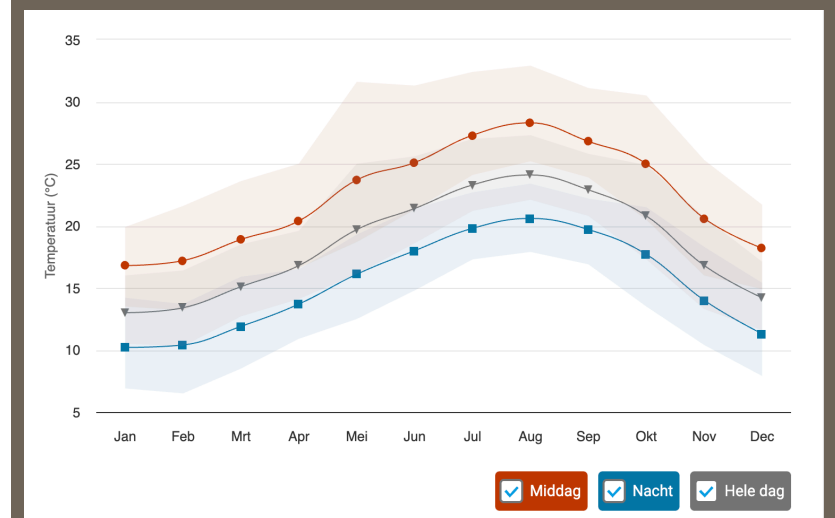
Sale - 33km

Skhirat - 15km

Tamera-- 10km

Casablanca -- 82km

Temperature



Summer: 28 C

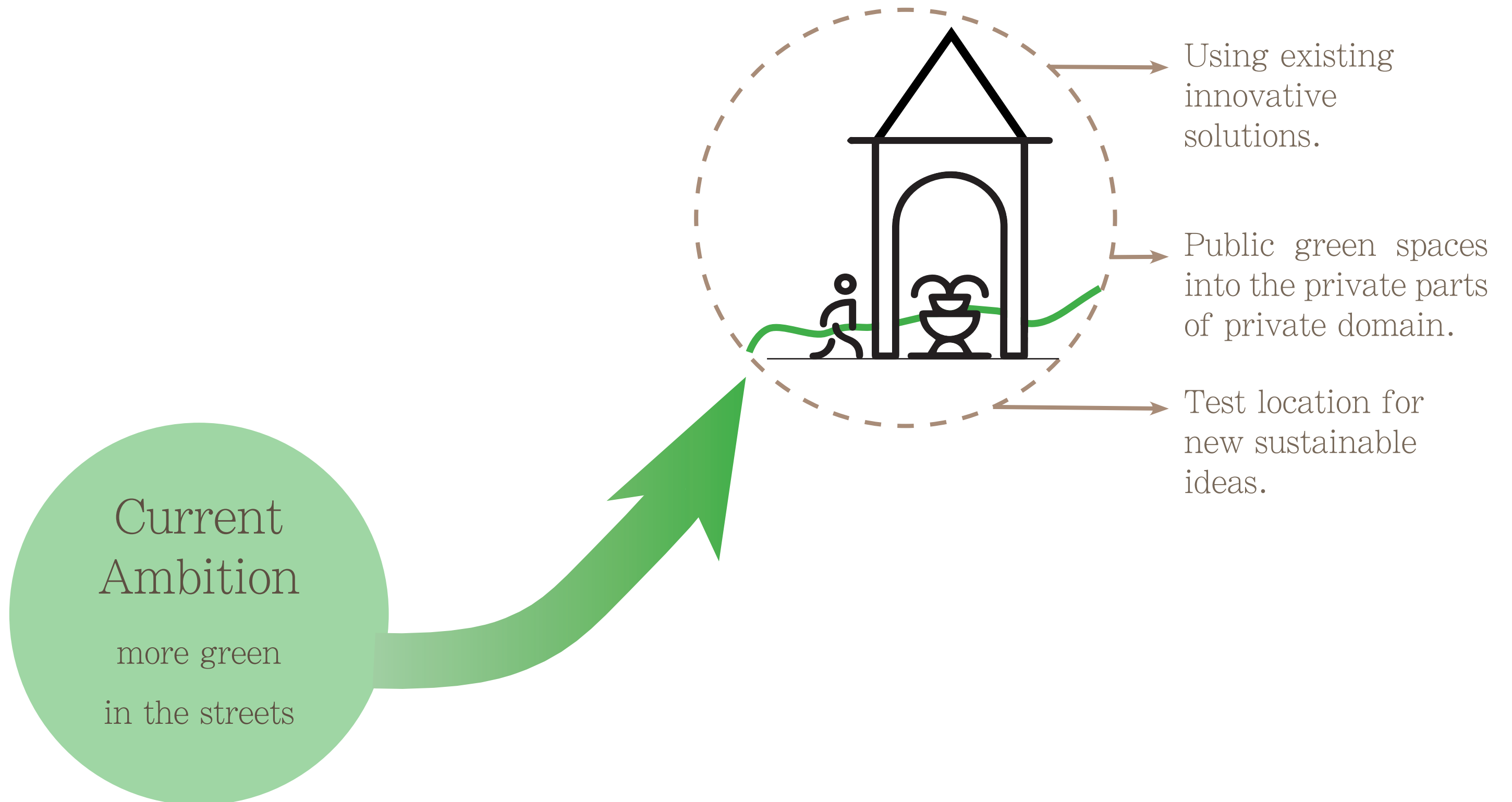
Winter: 18°C



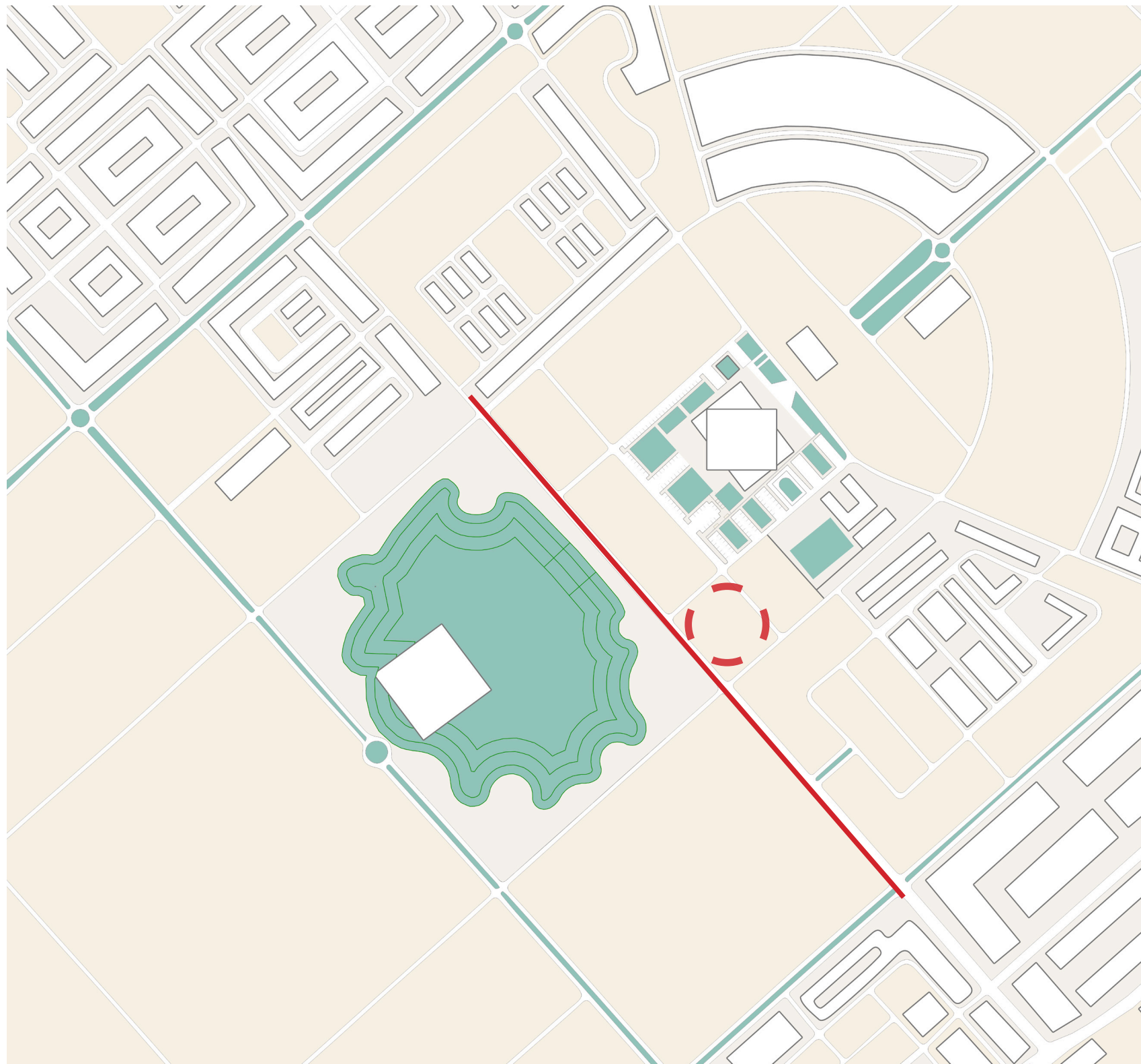
Planned urban design of Tamesna

Situation in 2020

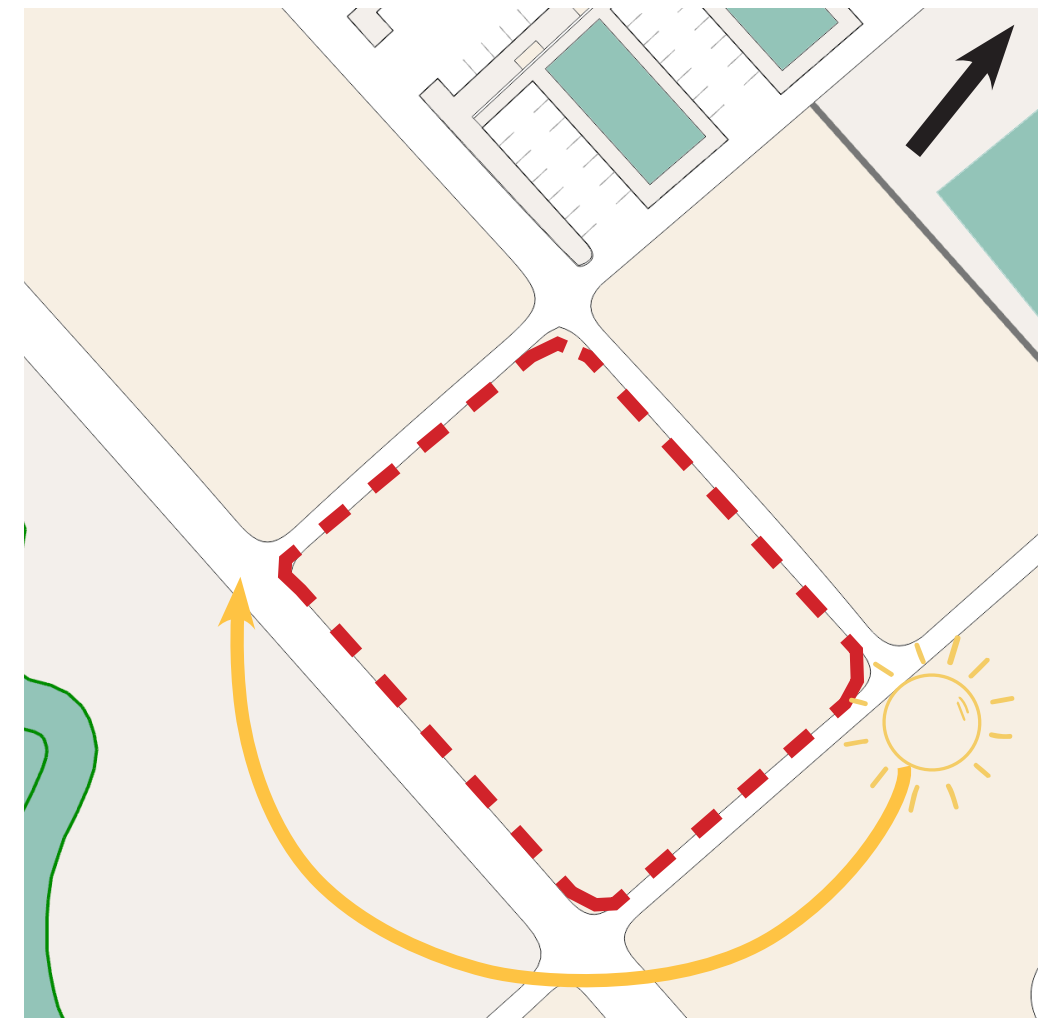
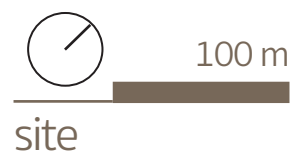
The vision

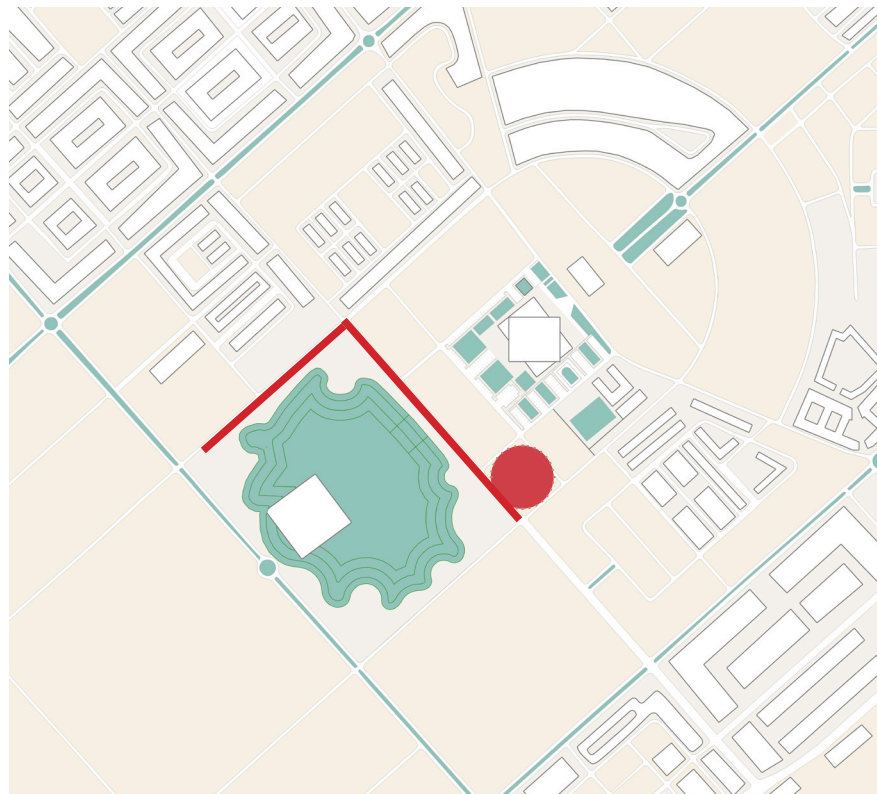


Tamesna - Rabat



Av. Abdellah Ben Yassine

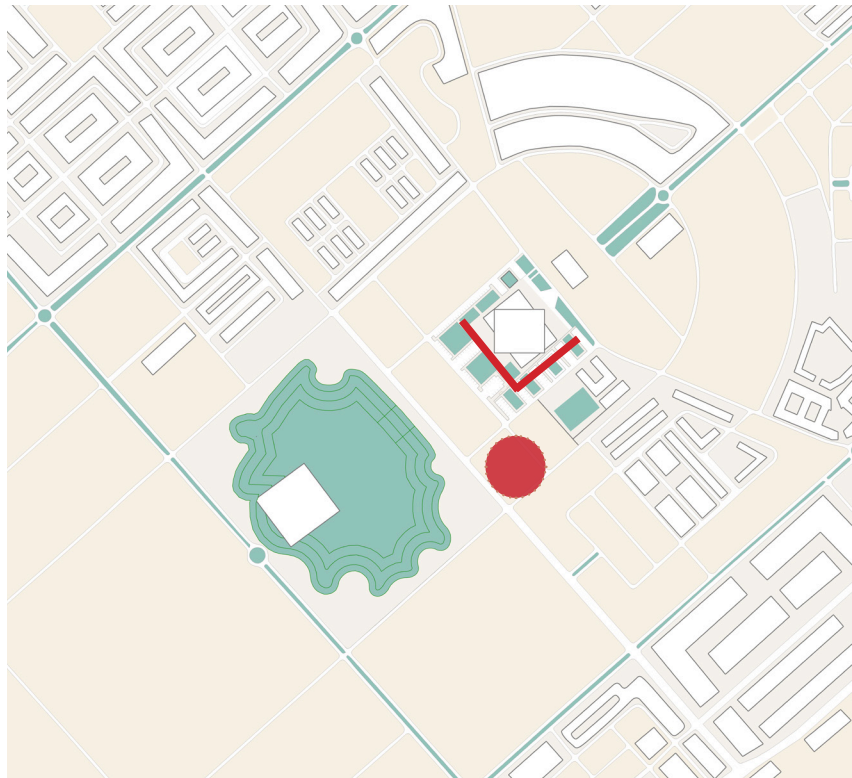




Parc central de la ville de Tamesna

- People mostly after 16:00 h
- Locals
- Overlook at the street

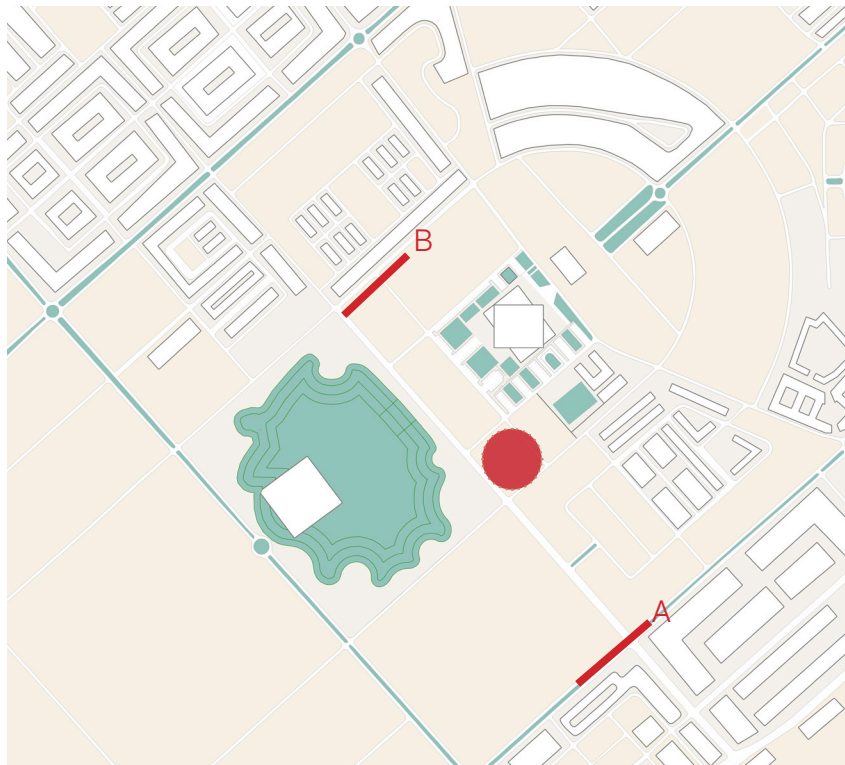




Mosque Mohamed VI

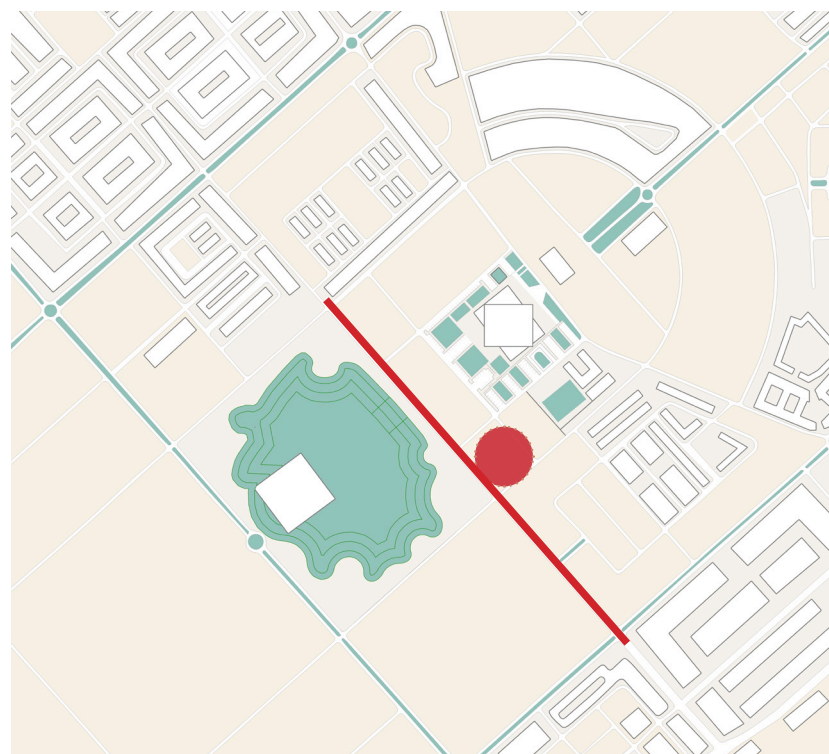
- Largest mosque.
- Friday talk broadcast live on national TV.
- Tourist stop to have a look.





- Largest mosque.
- This Friday talk will be broadcast live on national TV.
- Tourist stop to have a look.





Av. Abdellah Ben Yassine

- Bus each 30 minutes.
- Main road.
- Four-lane.





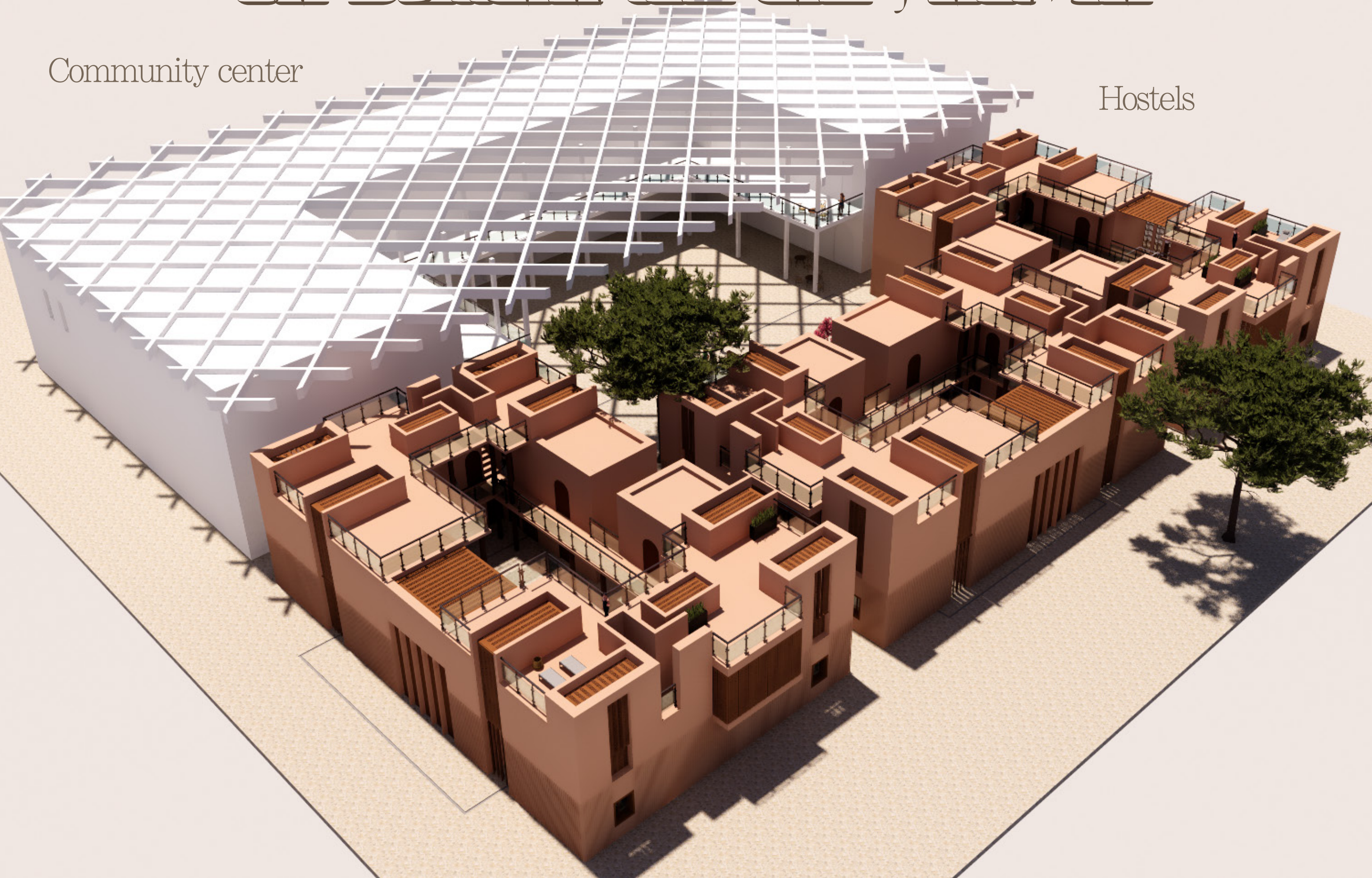
Design

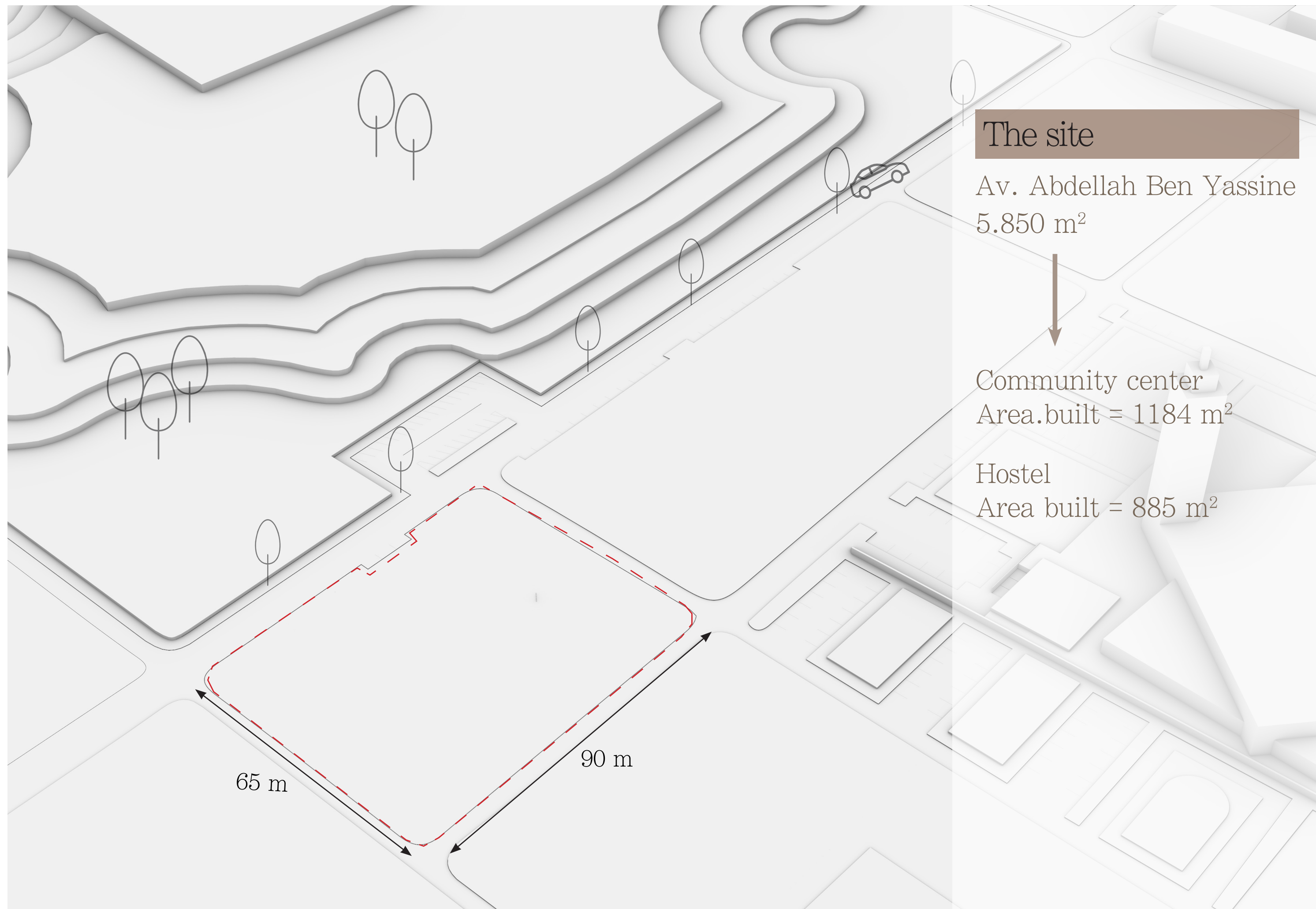
La solidarité de Fatima

La solidarité de Fatima

Community center

Hostels





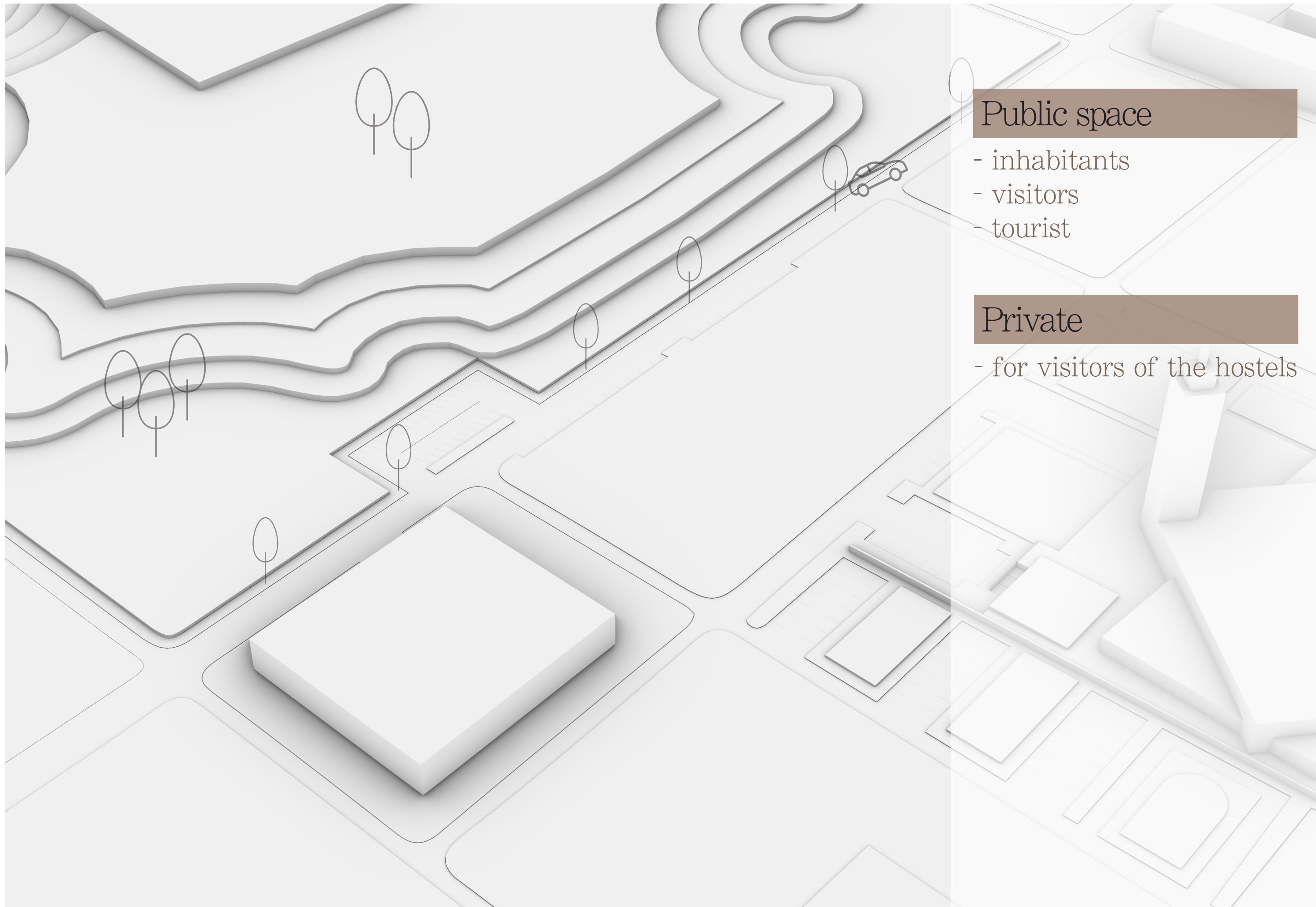
The site

Av. Abdellah Ben Yassine
5.850 m²



Community center
Area.built = 1184 m²

Hostel
Area built = 885 m²

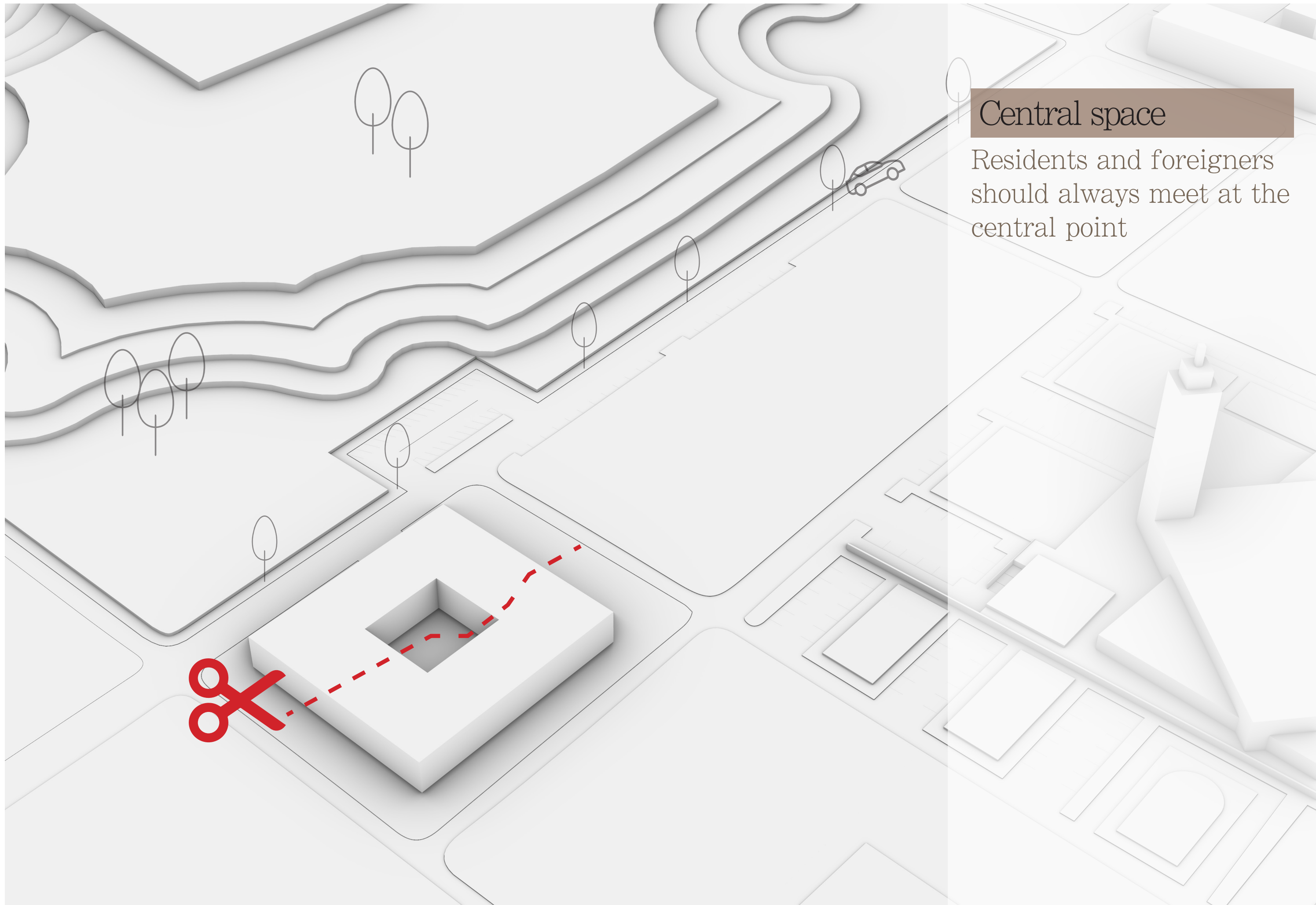


Public space

- inhabitants
- visitors
- tourist

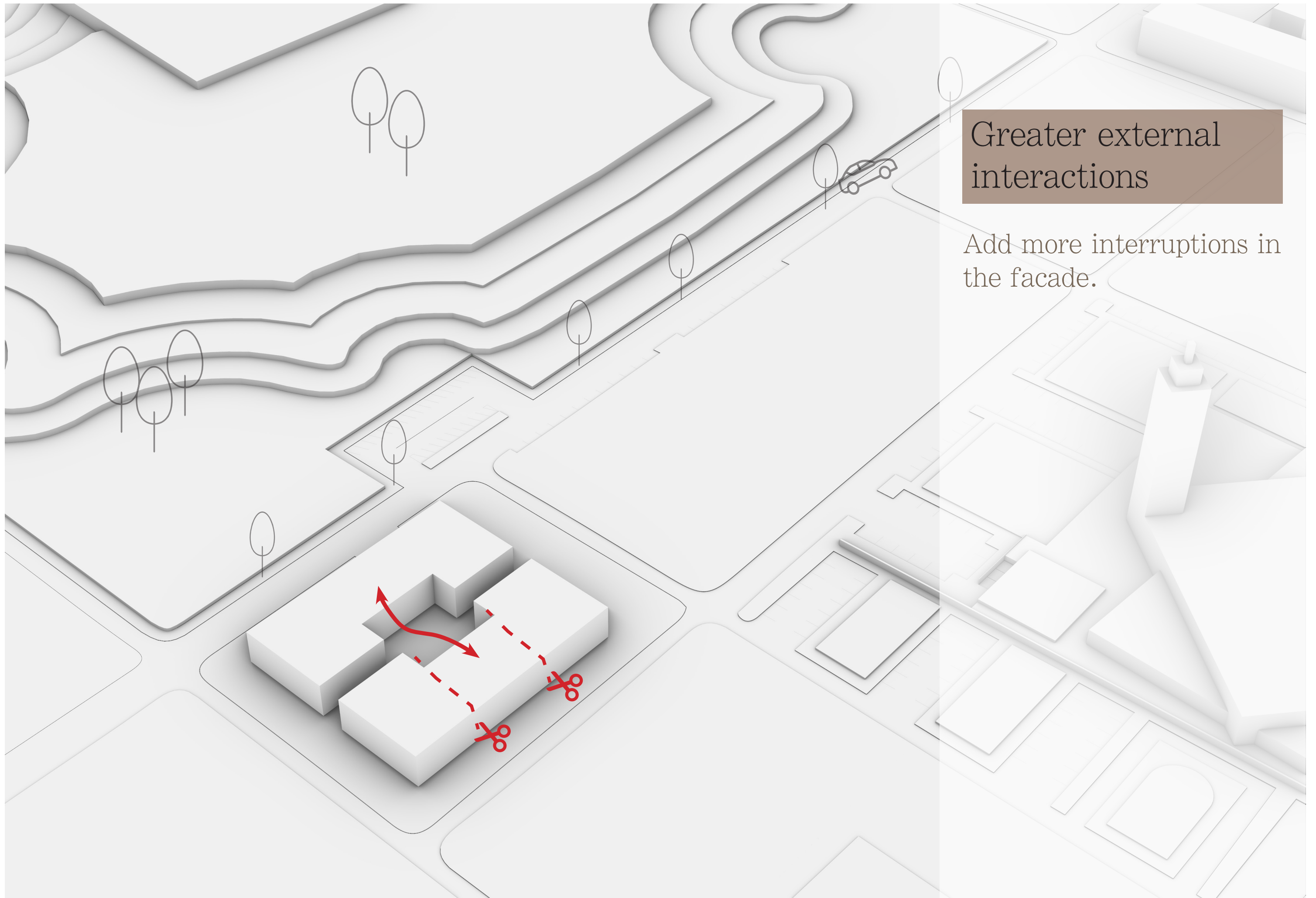
Private

- for visitors of the hostels



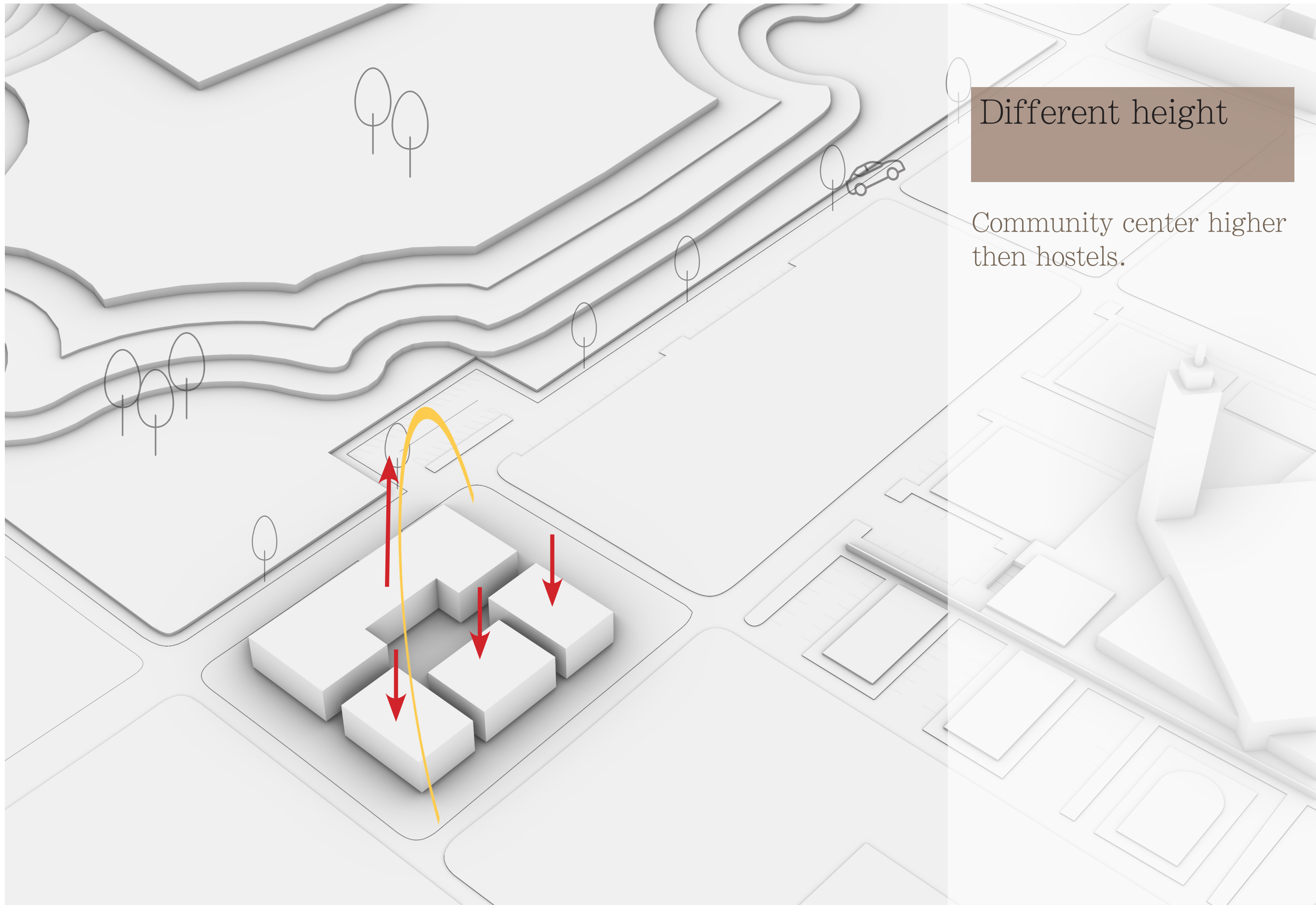
Central space

Residents and foreigners should always meet at the central point



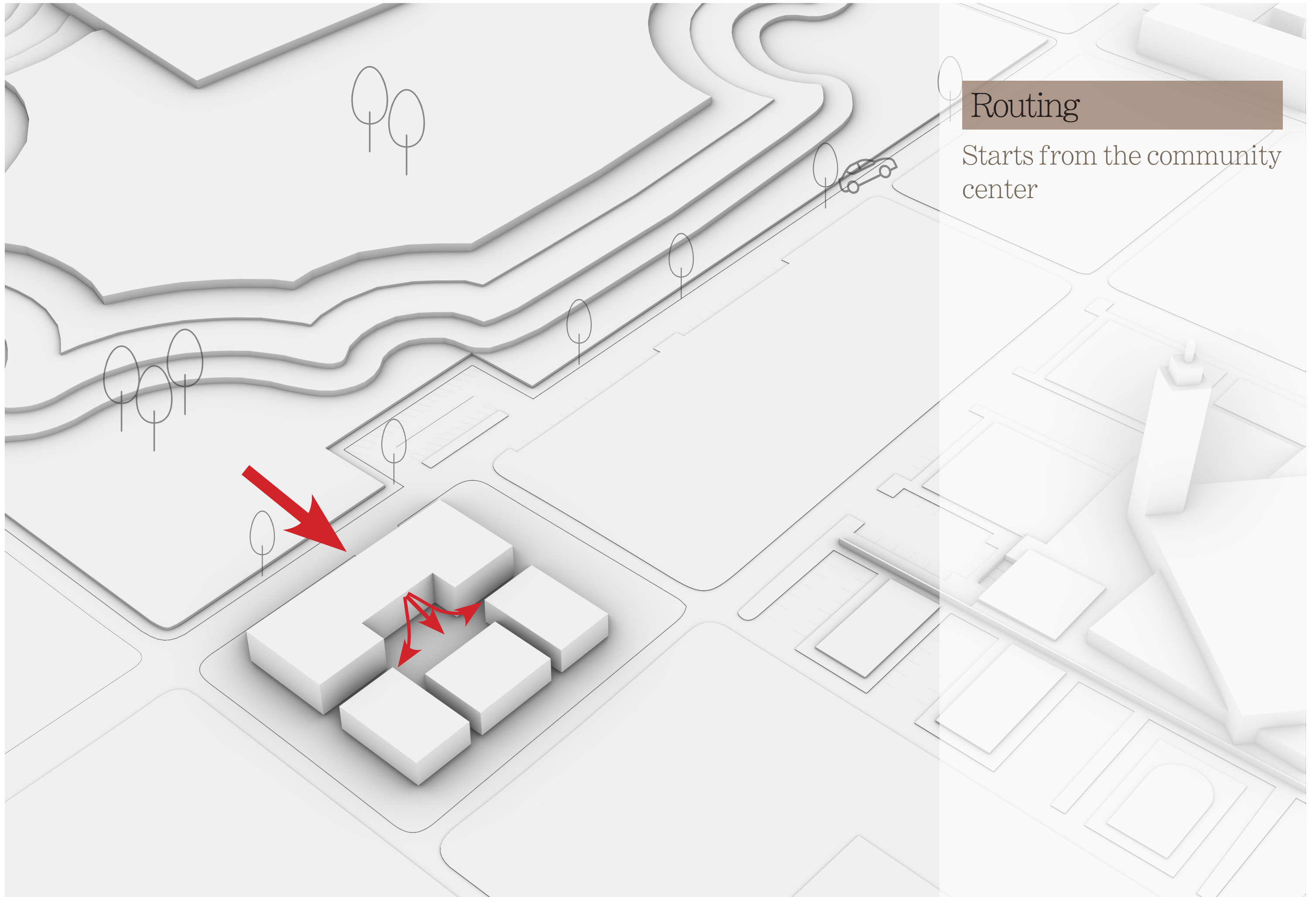
Greater external
interactions

Add more interruptions in
the facade.



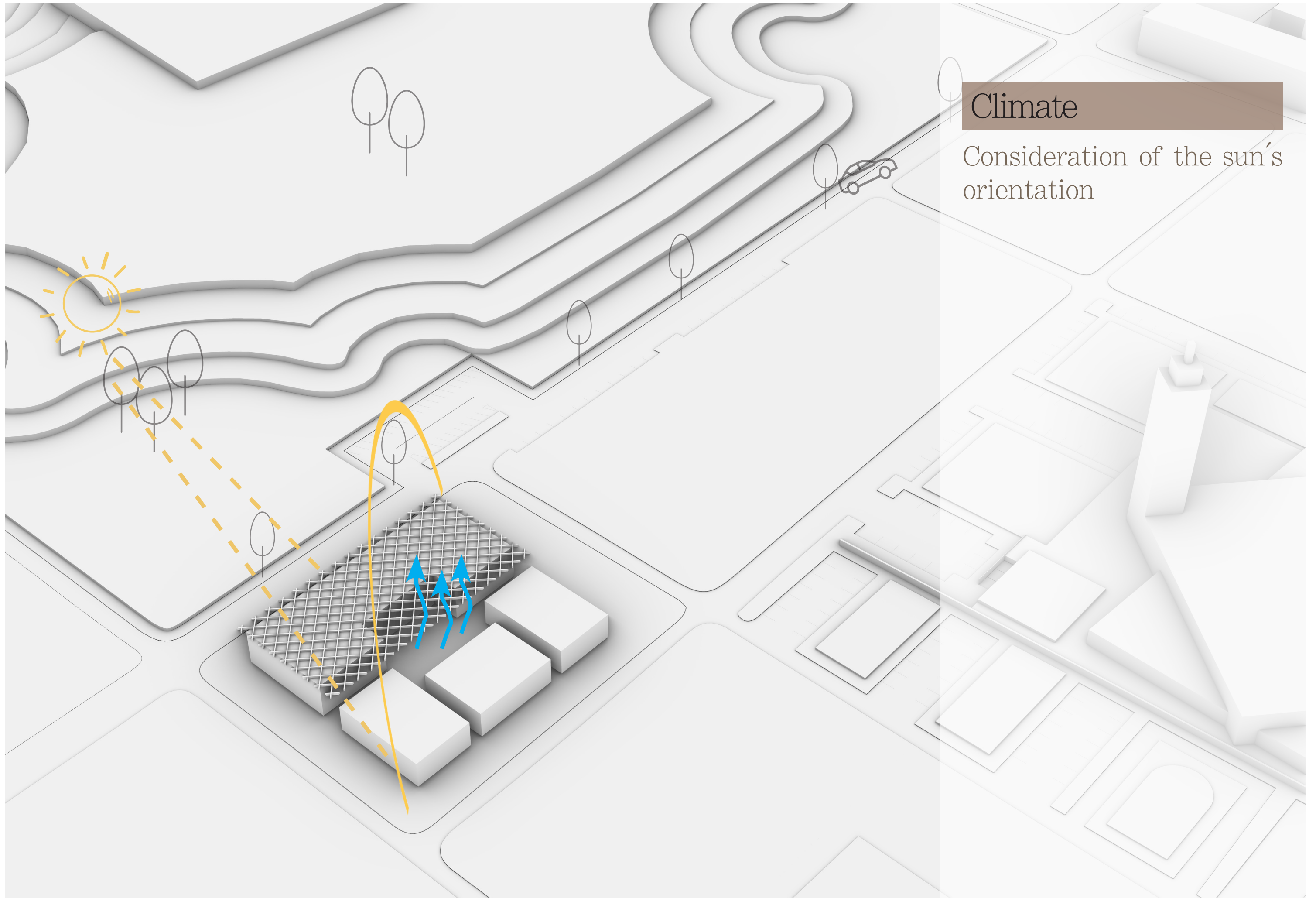
Different height

Community center higher
then hostels.



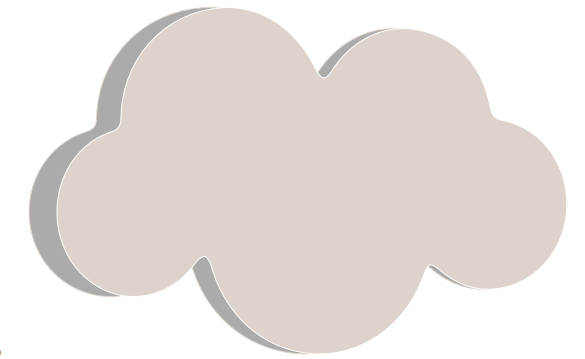
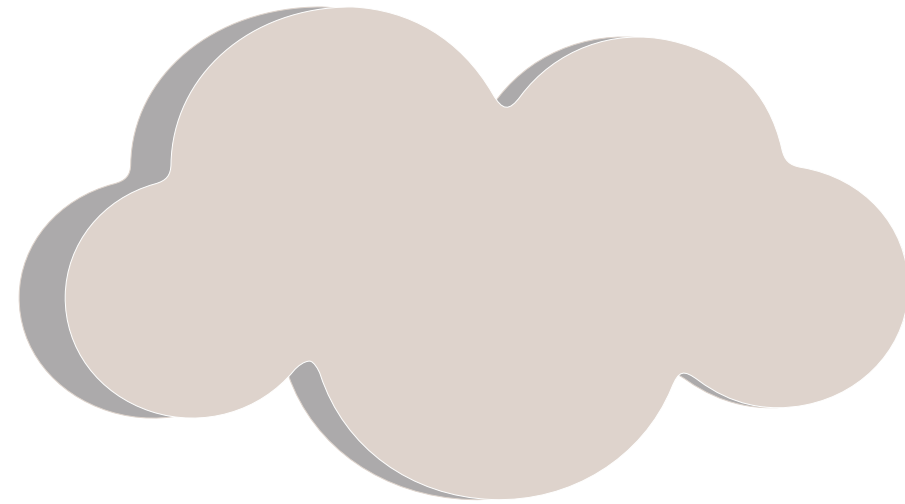
Routing

Starts from the community center



Climate

Consideration of the sun's orientation



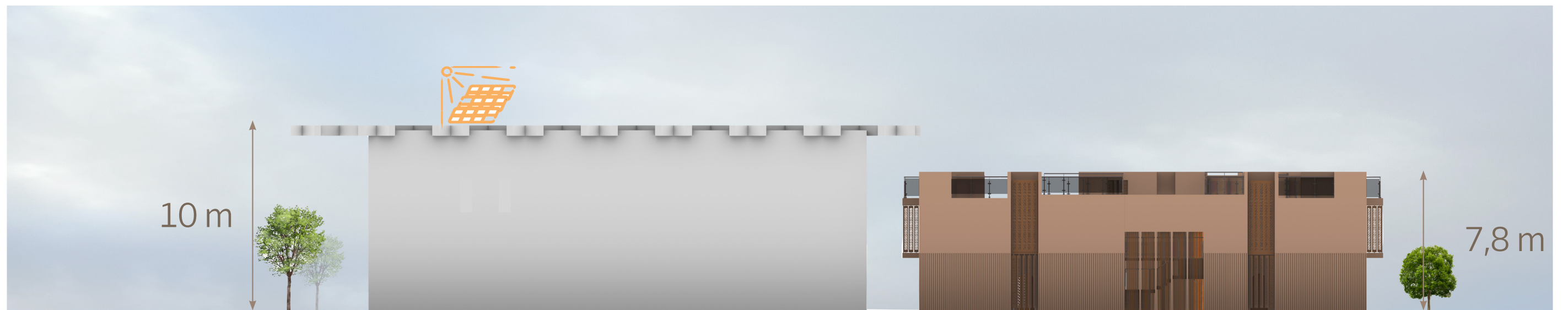
Hostel

First floor → 14 persons

Second floor → 12 persons

Each hostel building → 26 persons

Total 78 persons



10 m

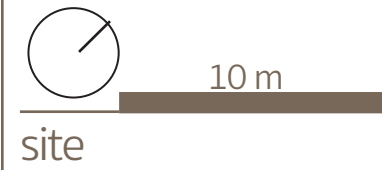
7,8 m

28 m

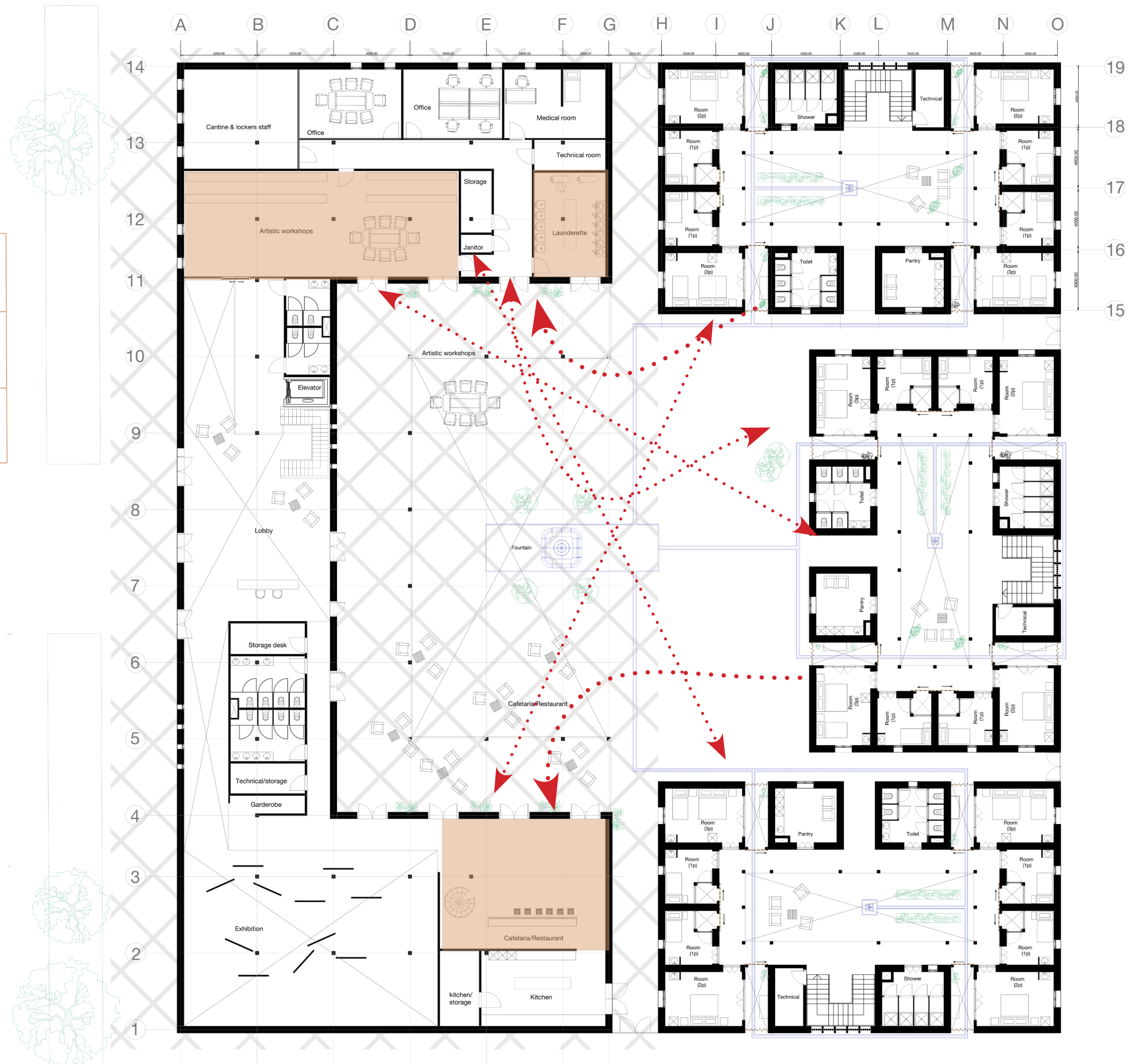
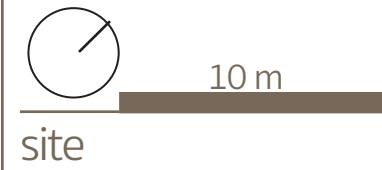
25.9 m

South-East view

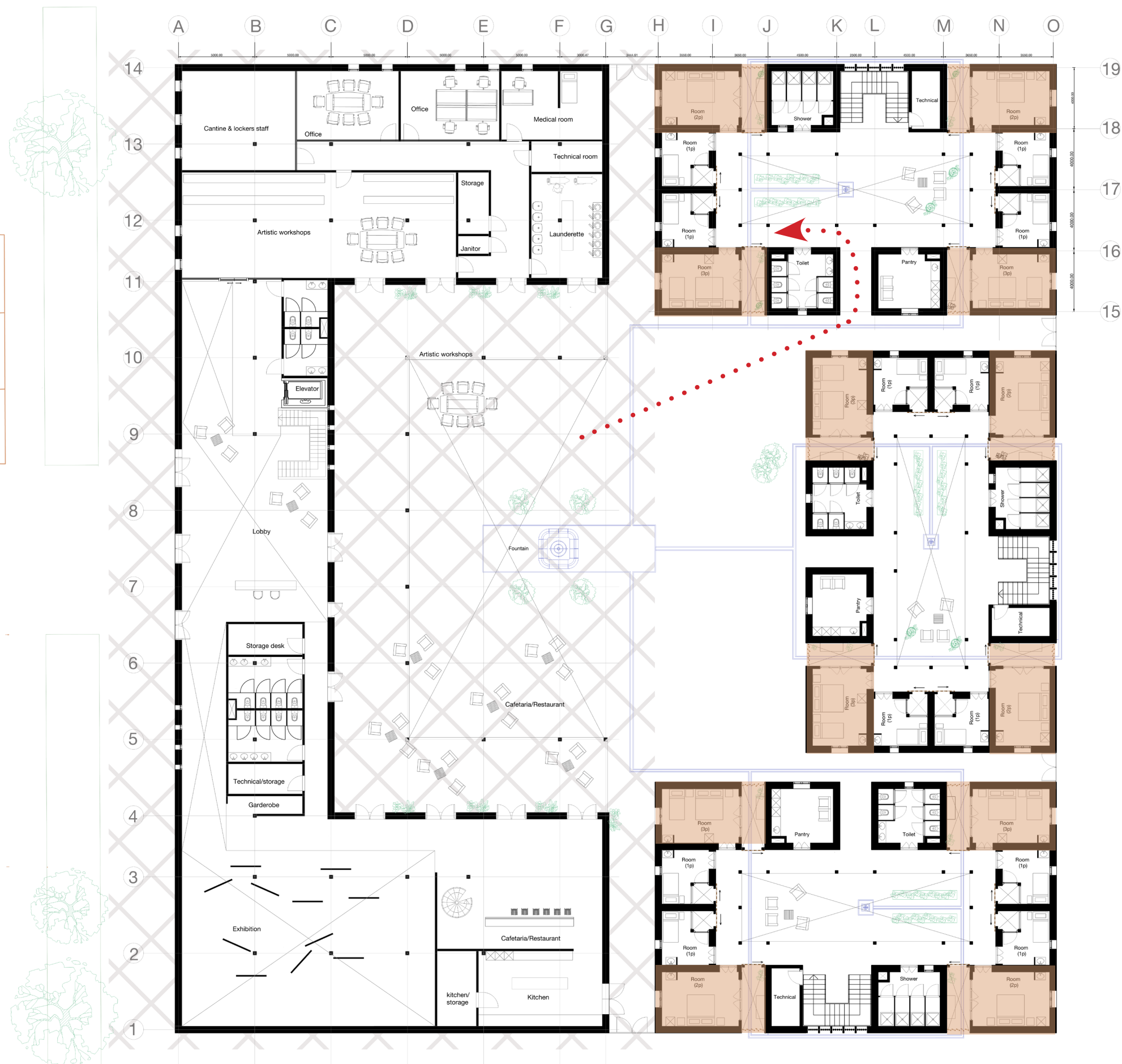
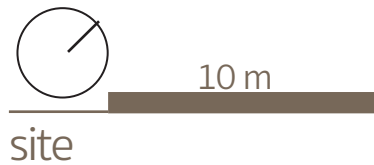
First floor



First floor



First floor
Room Jasmine















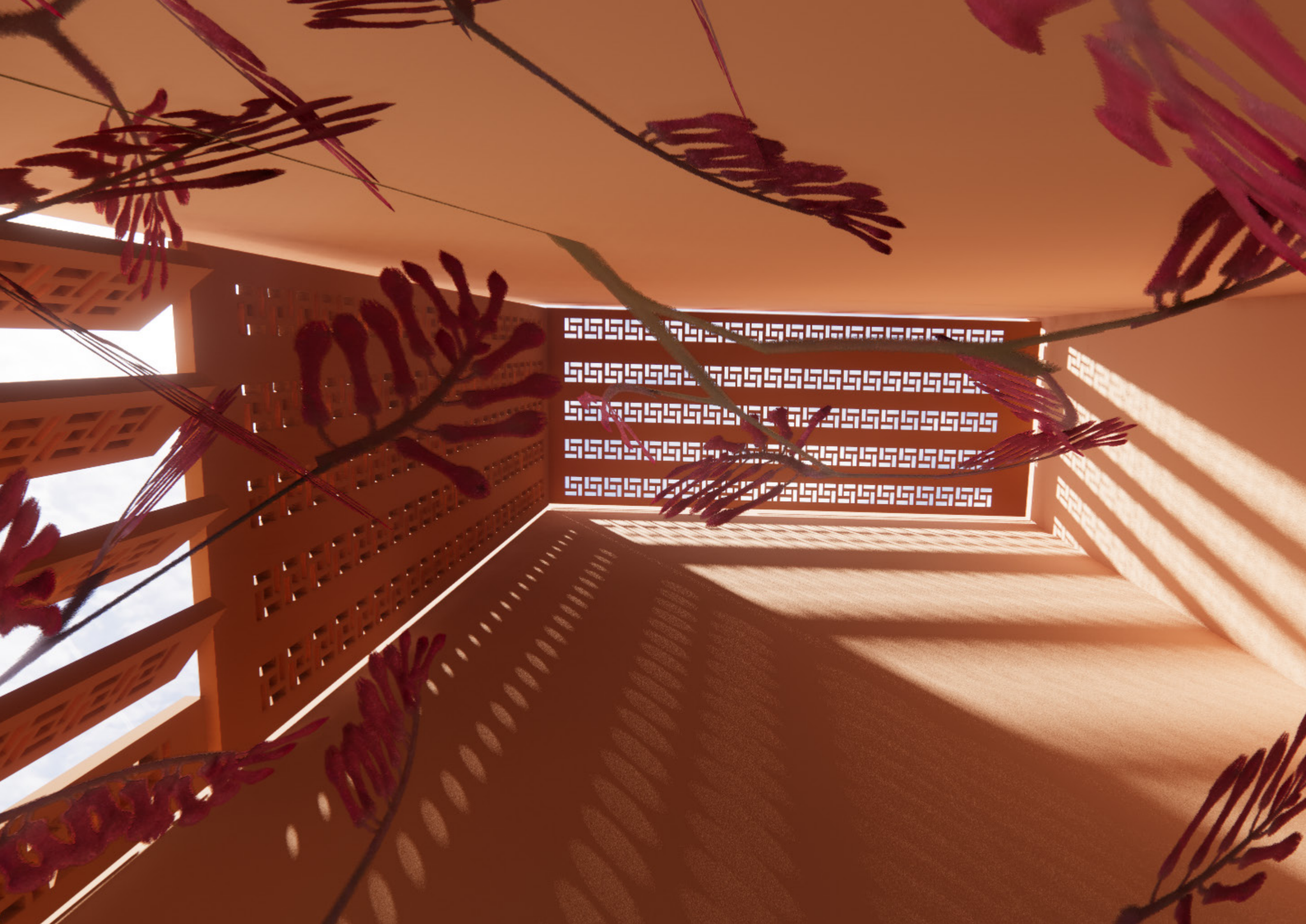






Diagram illustrating a site layout. A circular area is shown on the left, and a rectangular area is shown on the right. The rectangular area is labeled "10 m".





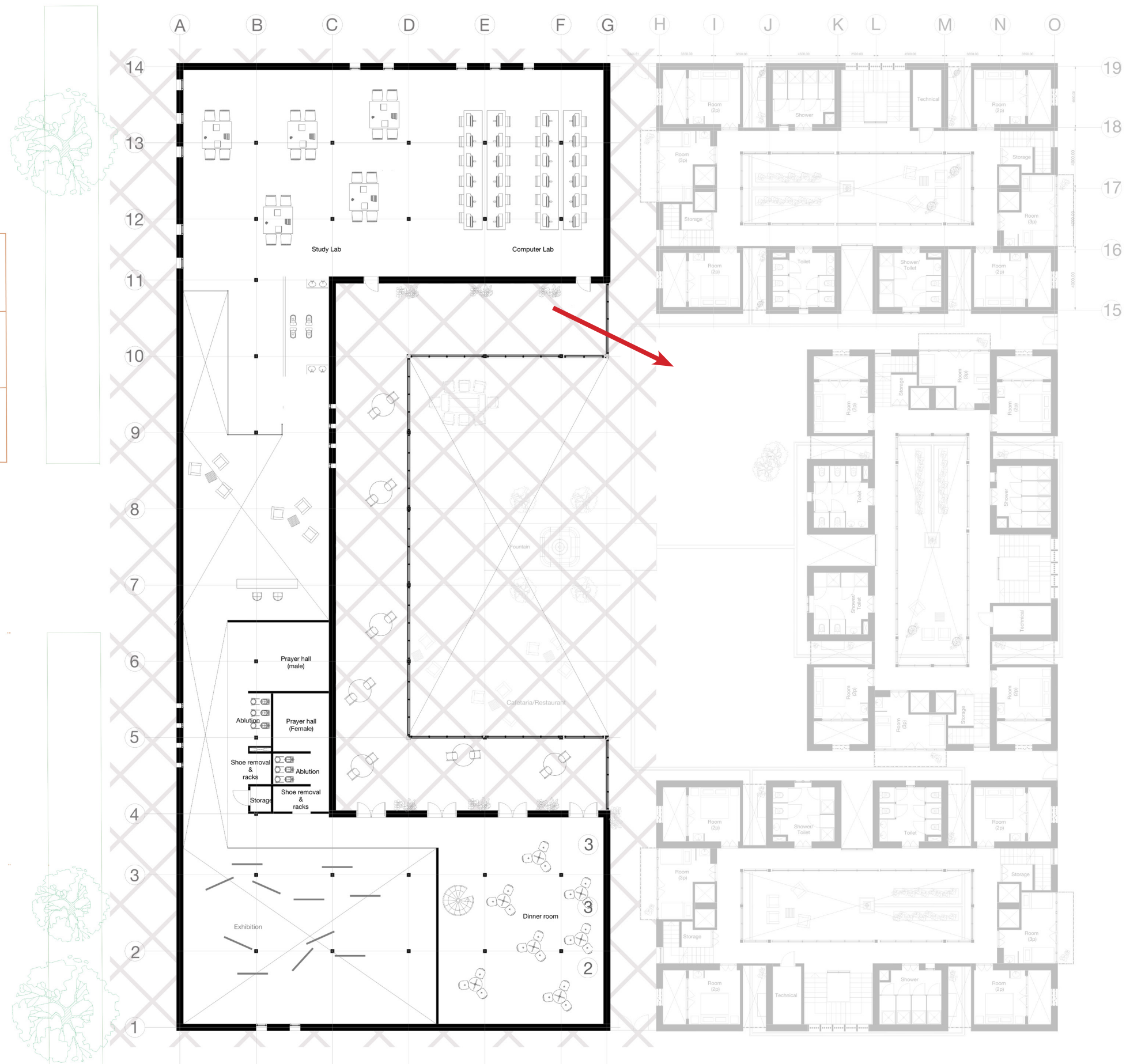
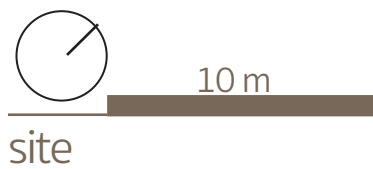






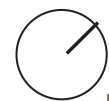


First floor CC





Roof

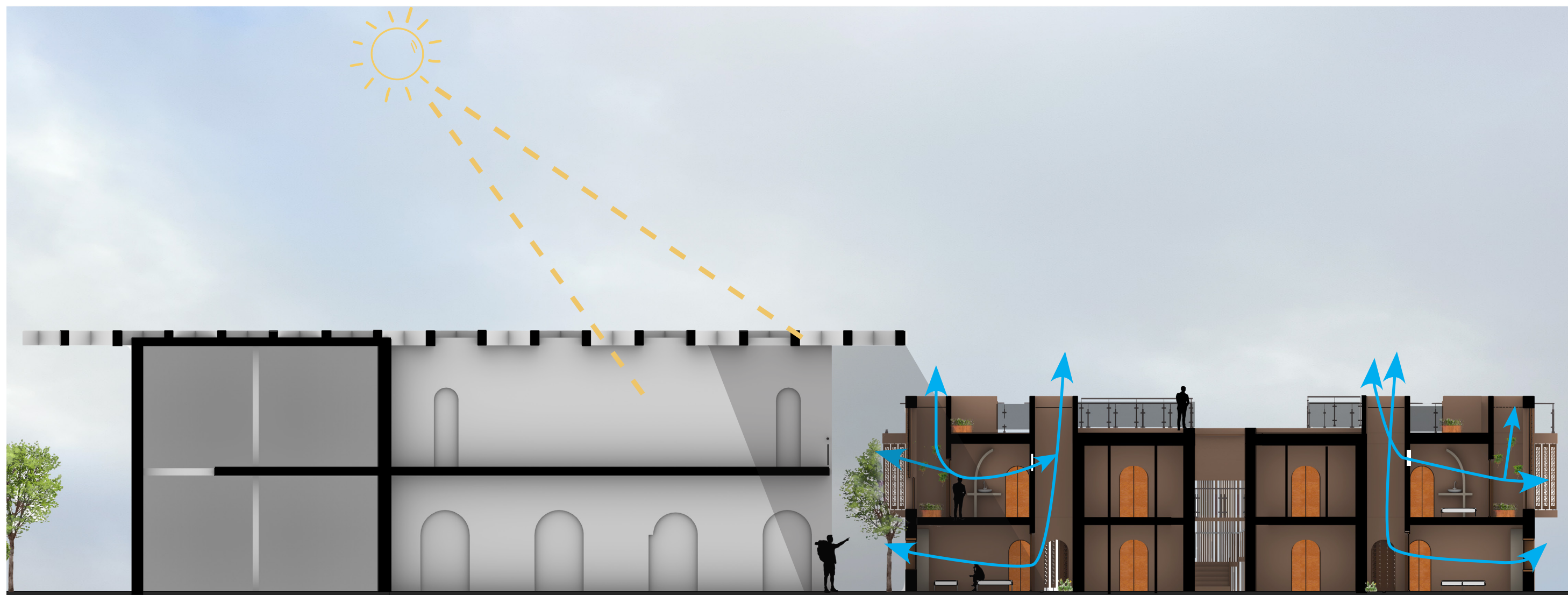


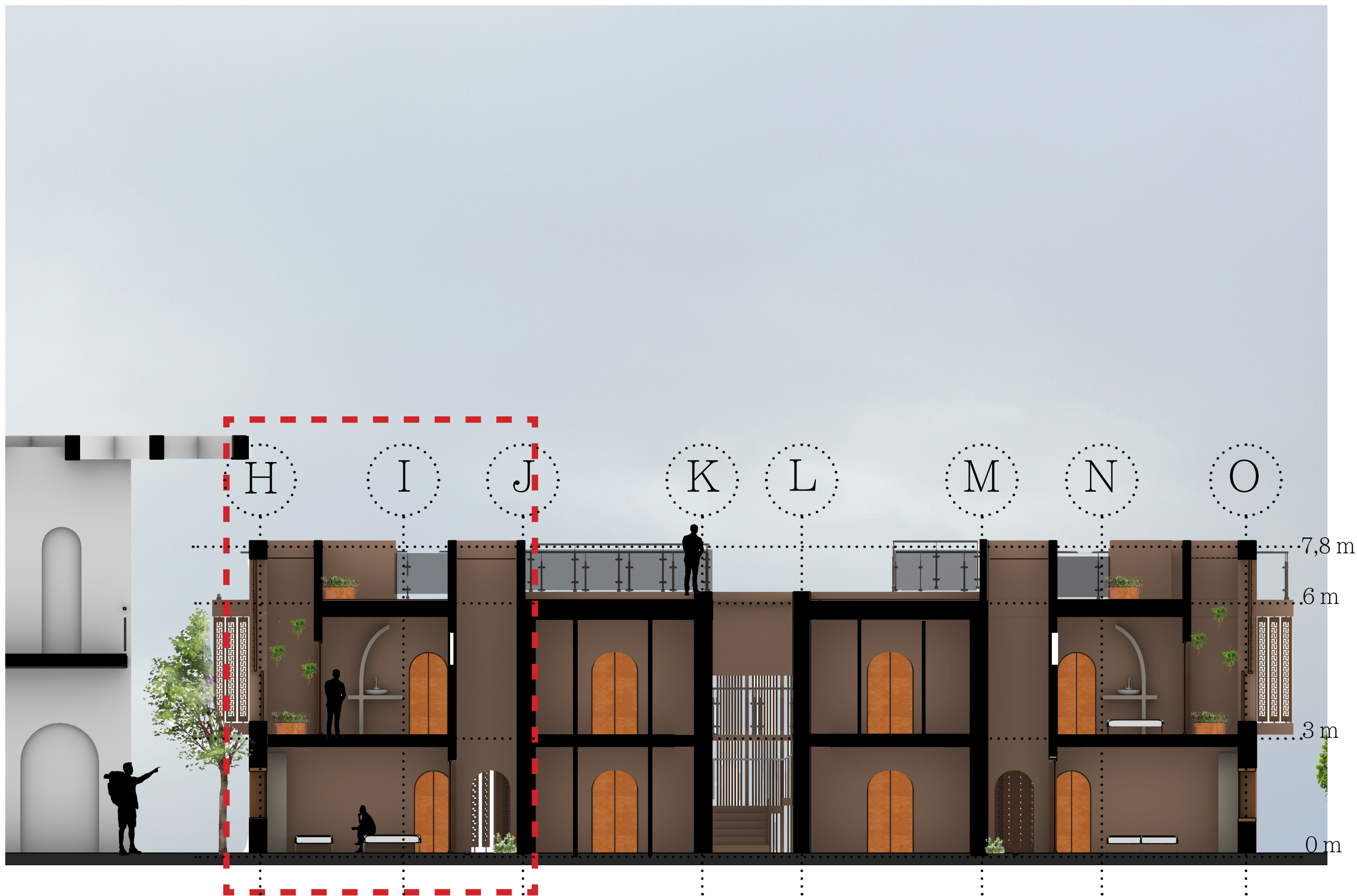
10 m

site







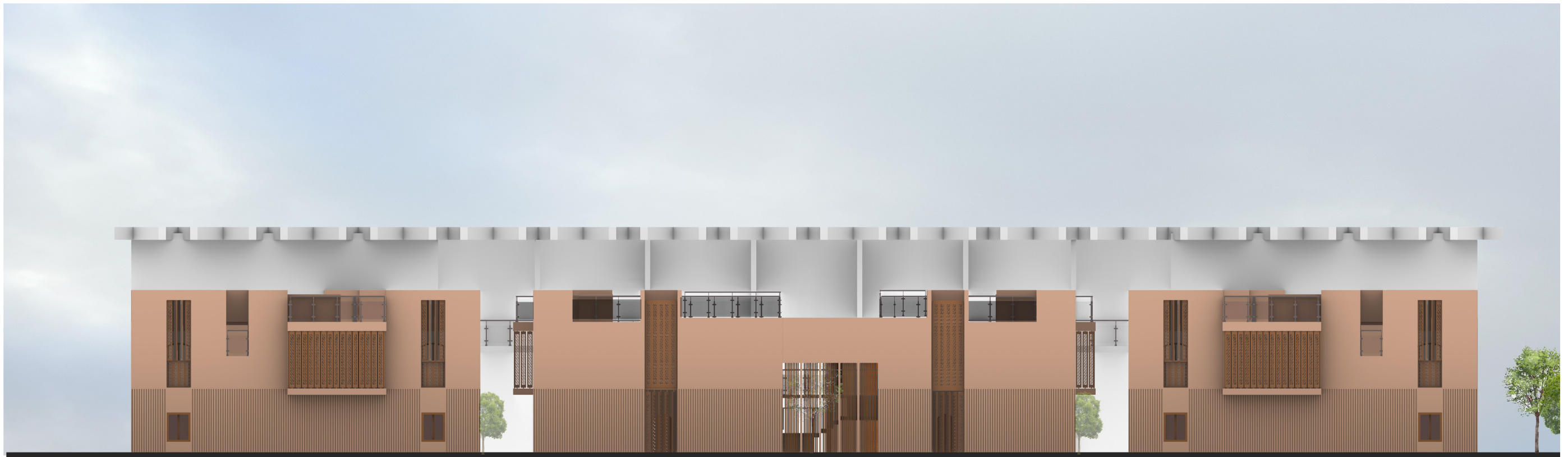




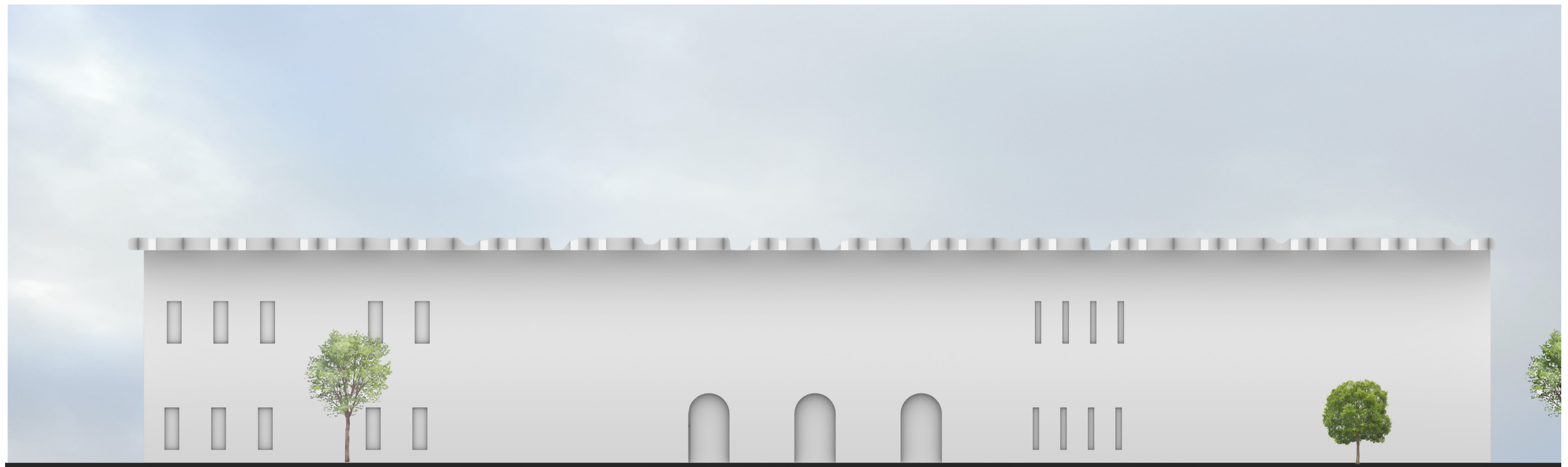
South-East view



North-West view

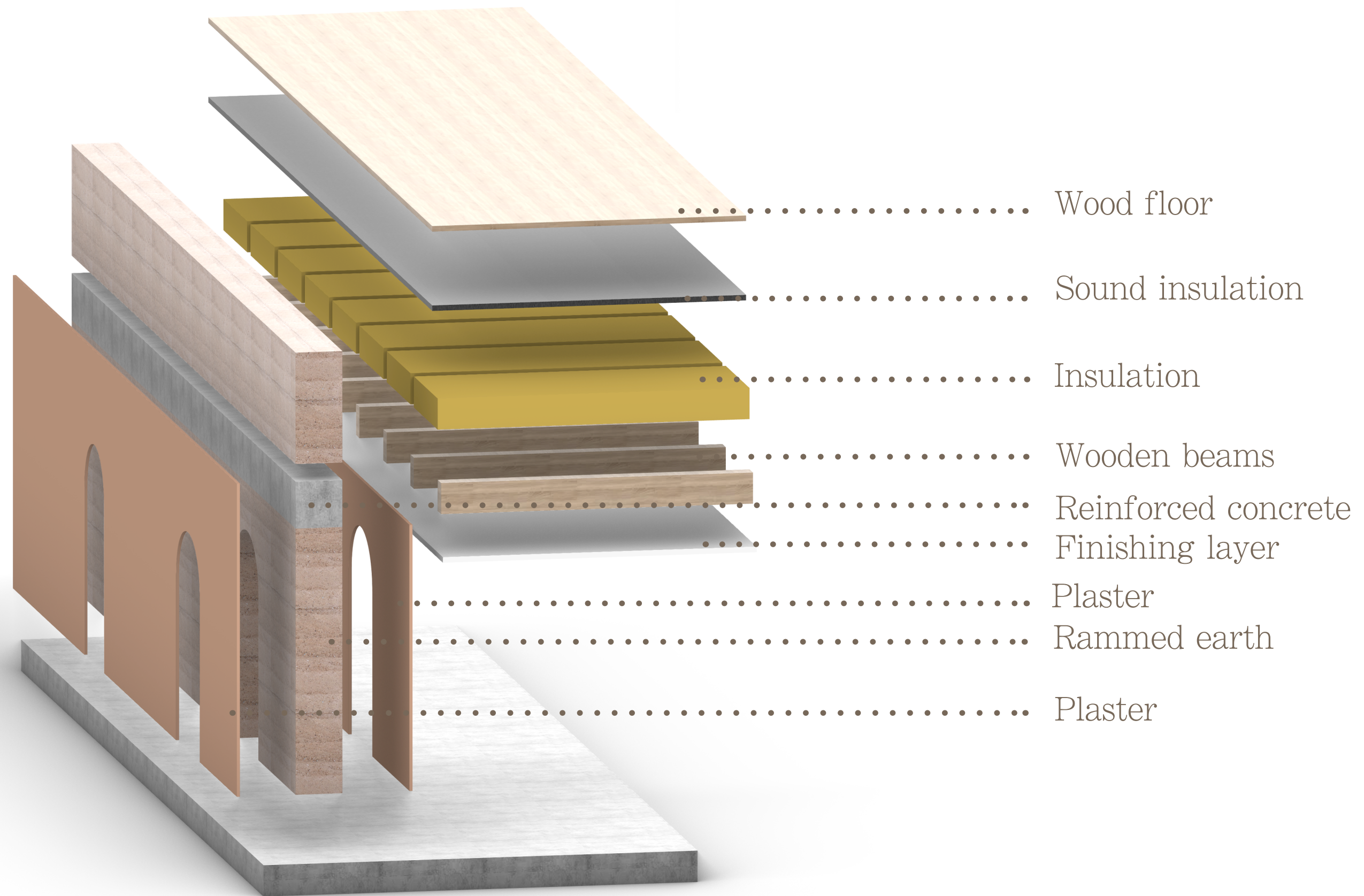


North-East view



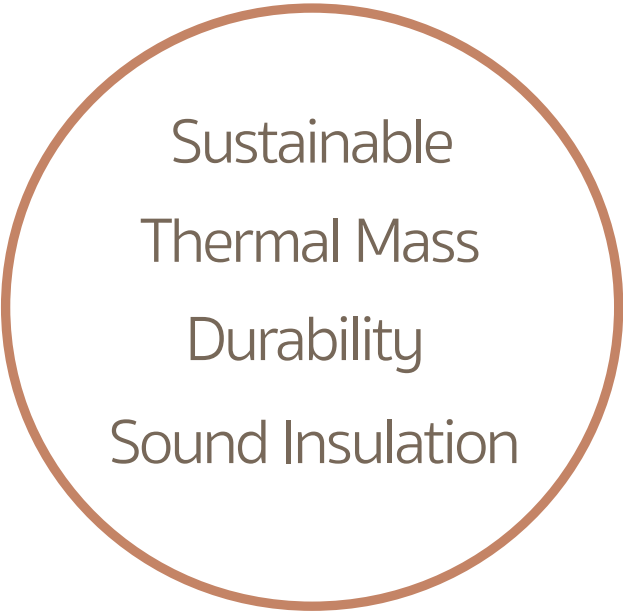
South-West view

Constructional structure

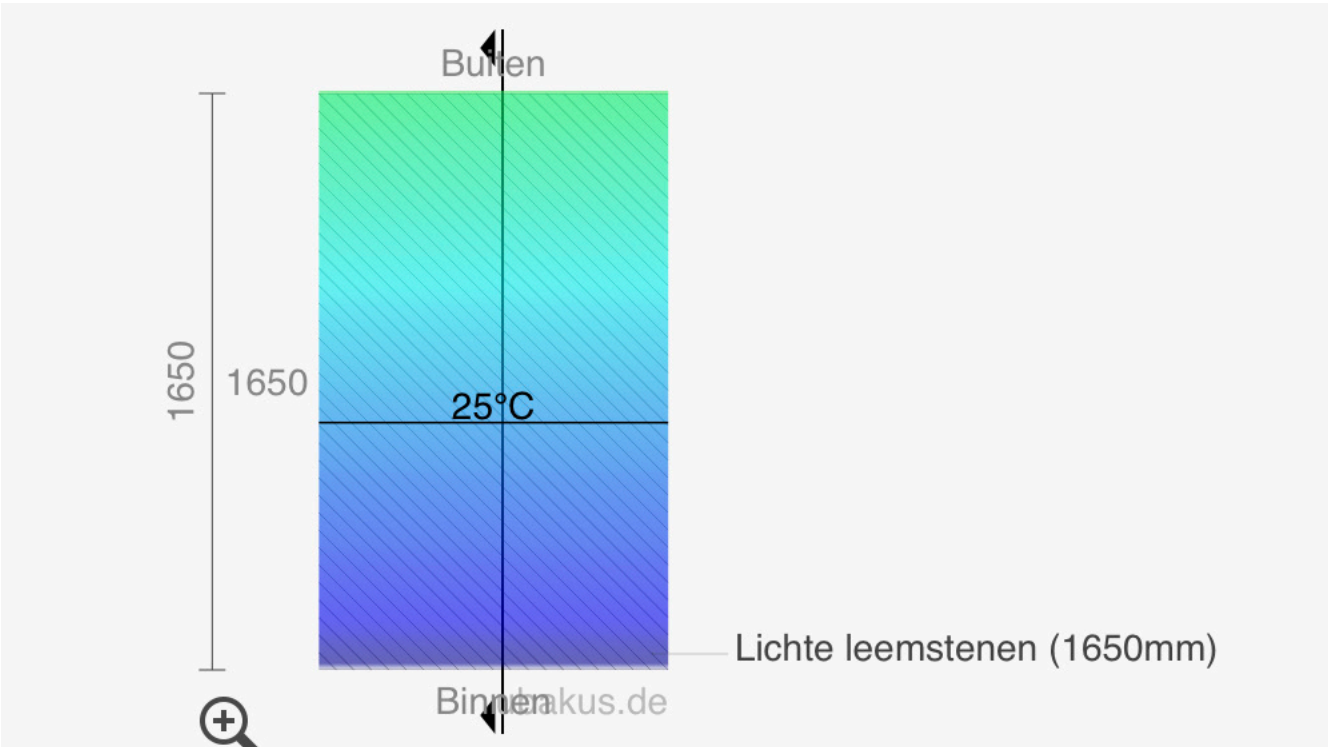


Constructional structure

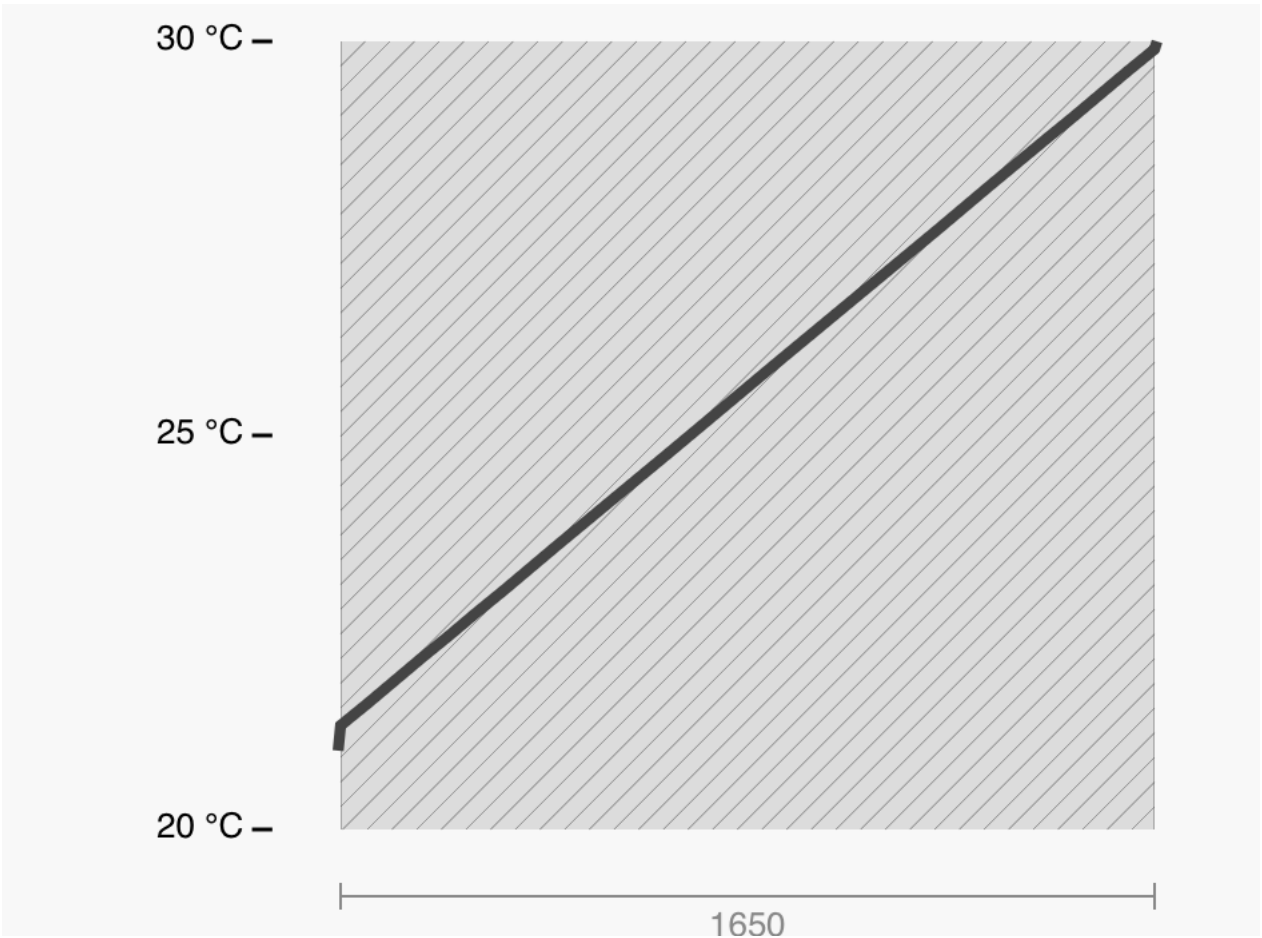
Width	Structural (Load Bearing)	Insulated	R Rating
200mm	X	X	R < 0.5
300mm	✓	X	R 0.7
400mm	✓	✓	R 2.5
450mm	✓	✓	R 3.5



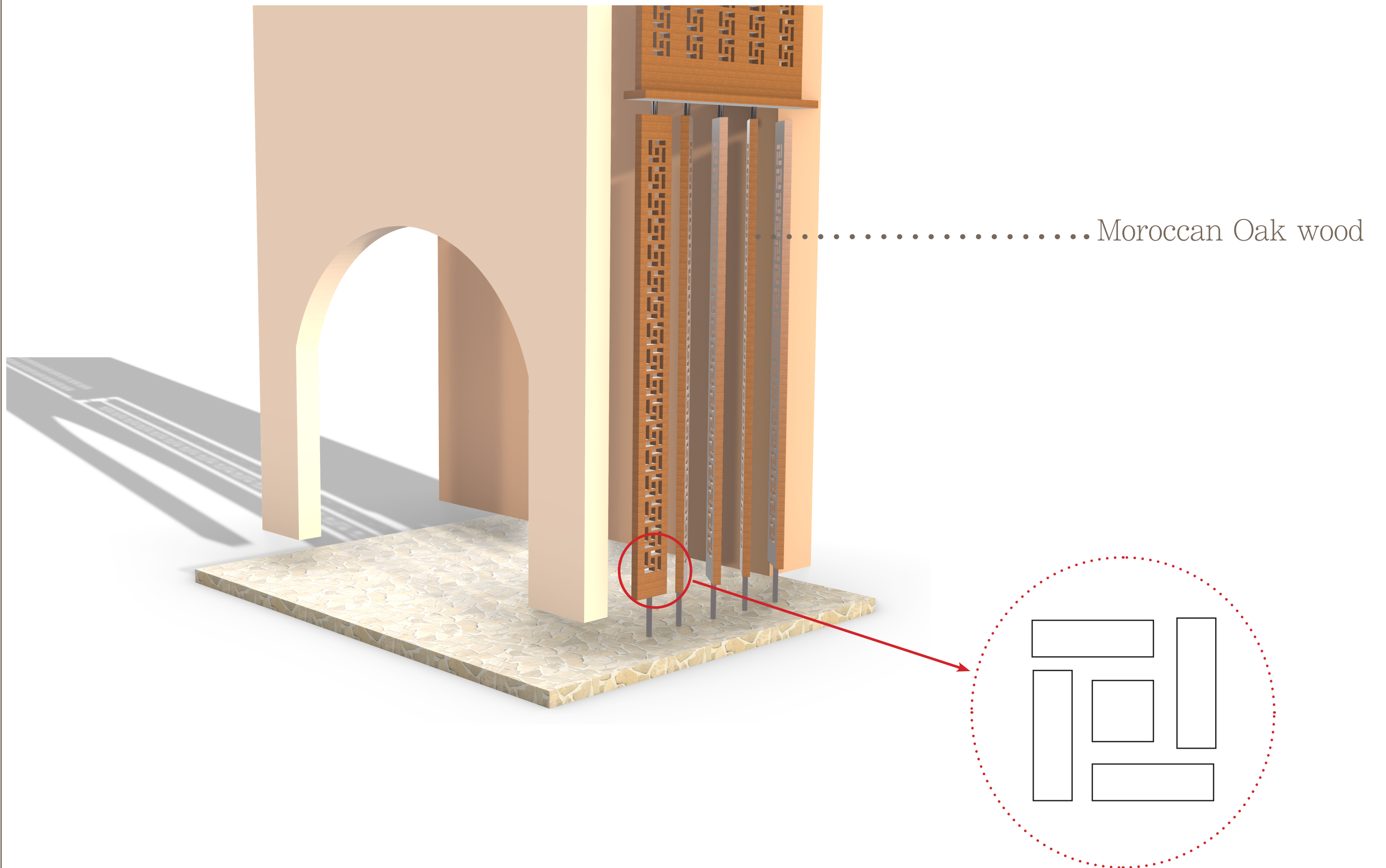
Retrieved from: <https://www.rammedearthenterprises.com.au/rammed-earth-information-for-professionals/>

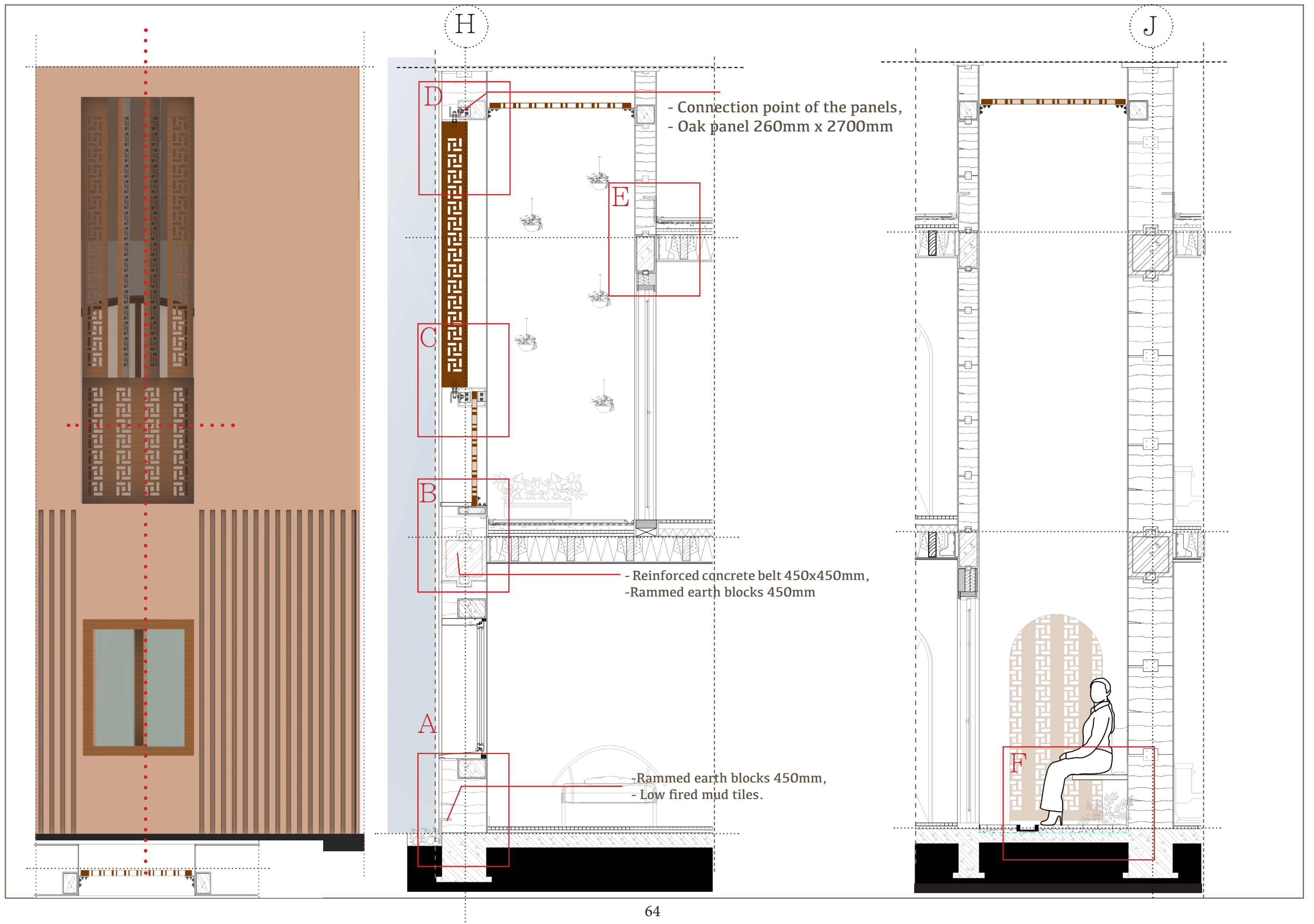


Retrieved from: <https://www.ubakus.de/u-wert-rechner/>

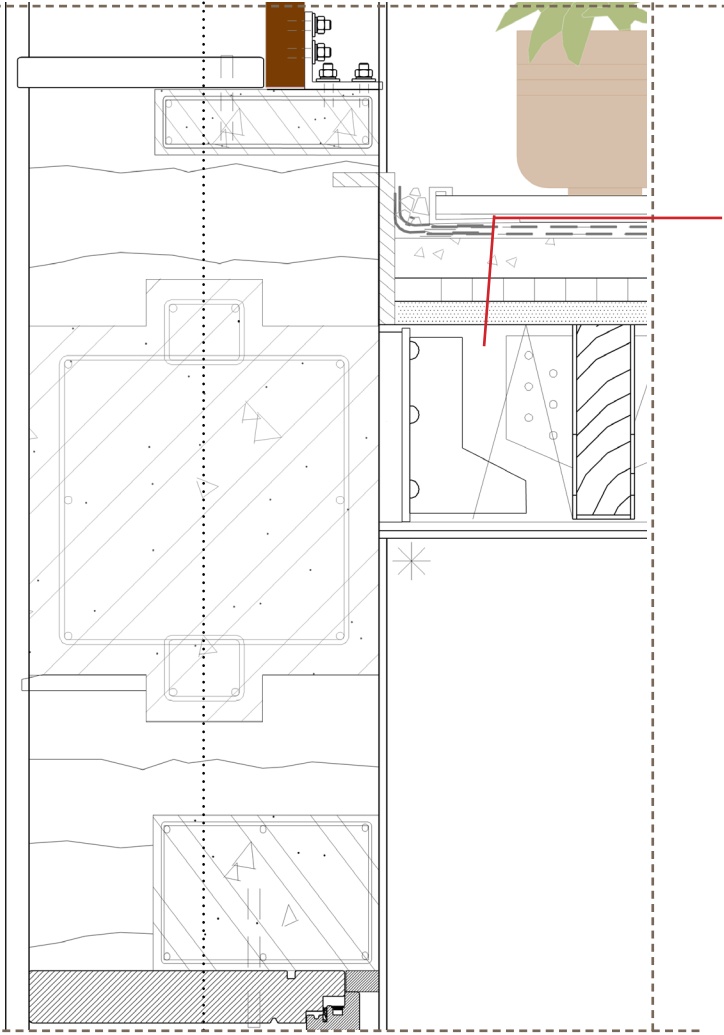


Rotating panels





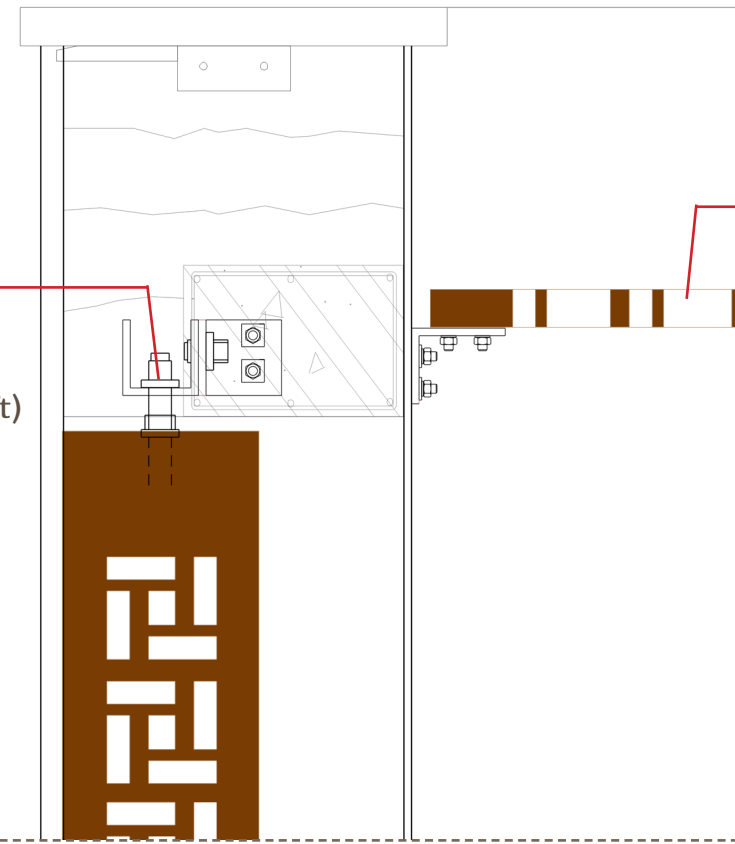
B



- Patio tiles 25mm,
- Protection mat,
- Waterproof membrane,
- Vapor control membrane,
- Sloping mortar,
- Wood floor
- Sound insulation

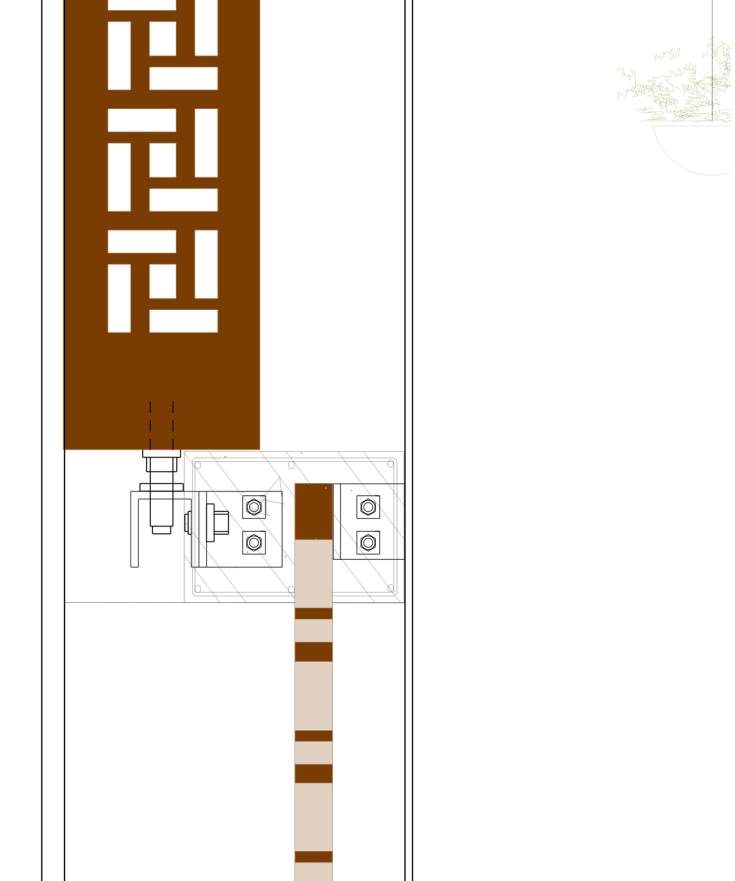
- Rotary axis,
- Steel U-profile,
- Oak wood (Morocco handcraft)

D

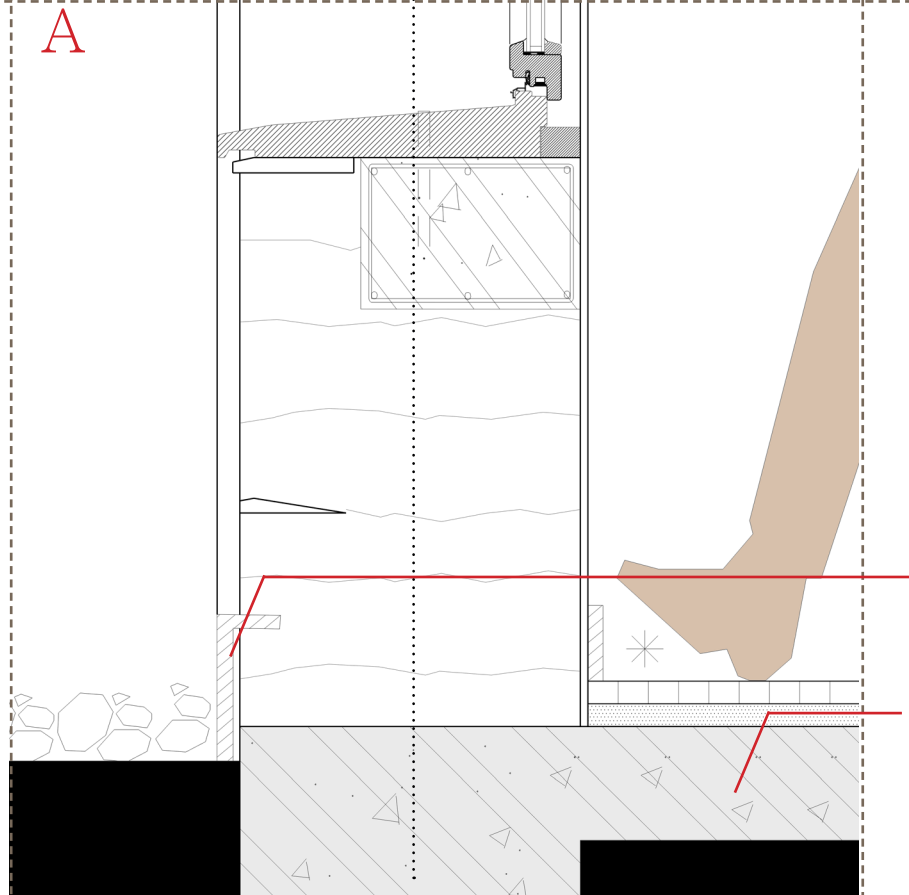


- Oak wood (Morocco handcraft) 50mm

C

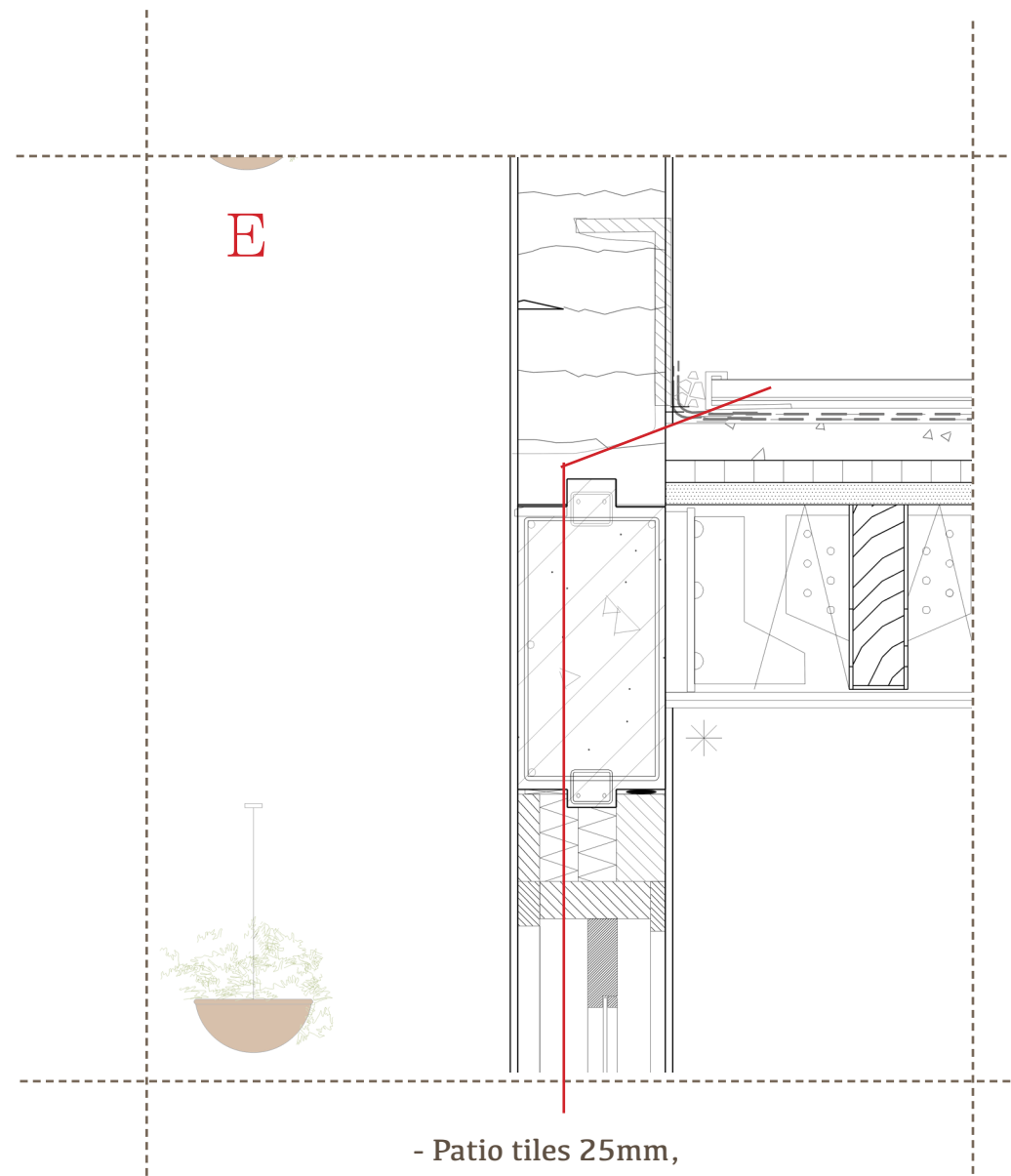


A

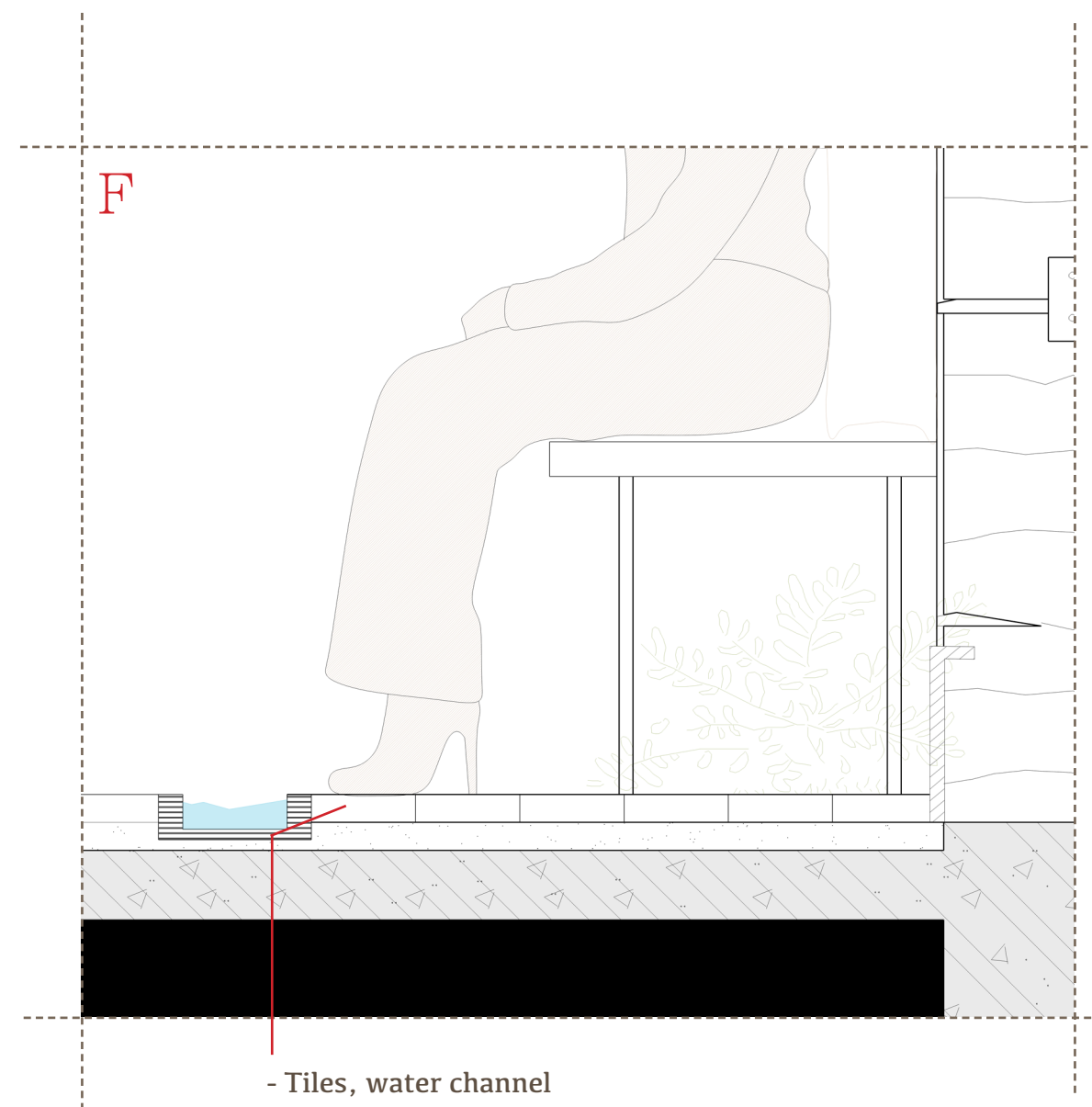


- Rammed earth blocks 450mm,
- Plaster 30-50mm,
- Low fired mud tiles.

- Concrete foundation,
- Finishing layer 30mm,
- Timber floor 30mm.



- Patio tiles 25mm,
- Protection mat,
- Waterproof membrane,
- Vapor control membrane,
- Sloping mortar,
- Wood floor,
- Sound insulation,
- Wood beams,
- Fired mud tiles.



- Tiles, water channel
- Mortar,
- Concrete foundation

