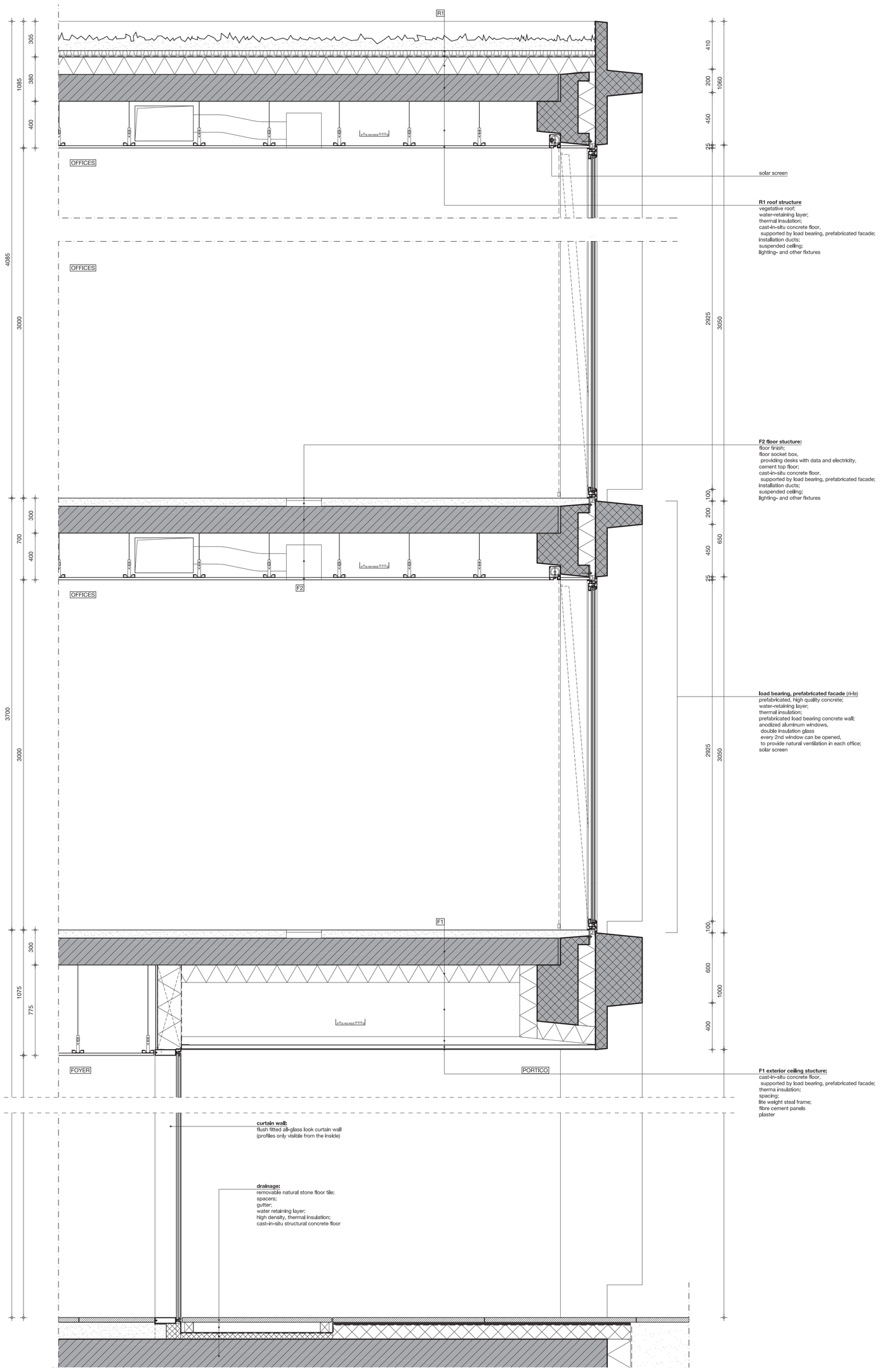
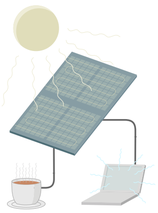
Facade section
1:20

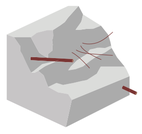


Facade elevation
1:20

Rainwater collection
The ample rainwater resources collected from the roof surface are filtered and stored underground. The water is used to irrigate green roof surfaces and the central garden. It is also recycled into the building's plumbing installations.

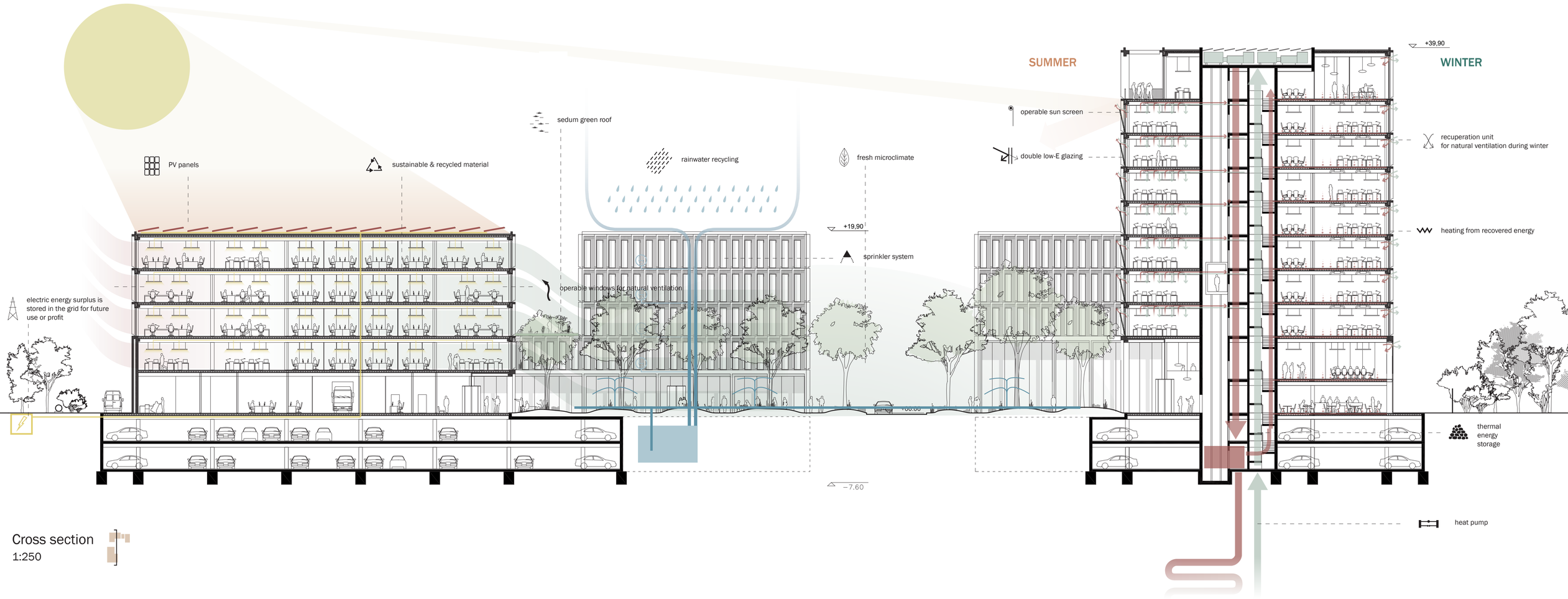


Solar panels
Across all three buildings over 4000 m² of roof surfaces are equipped with solar panels. The roofs are completely exposed and not shaded by other building parts which yield maximum energy production. The energy is used for pre-heating ventilation air, water heating, solar cooling and lighting and electricity for the building's users.



Reclaimed material
Reclaimed concrete aggregate will be sourced from the existing warehouse demolition site as well as other locally available supply. Upon availability, the use of industrial by-products such as rice-husk ash, wood ash, silica fume, and other pozzolanic materials, in addition to coal fly ash, can help reduce the need for portland cement in addition to creating more durable concrete and reducing greenhouse gas emissions.

Fresh microclimate
The central garden, enclosed by all sides brings about a local set of atmospheric conditions. In the summer it preserves cool and moist air and reduces the need for excessive climatization of ground floor entrances. Throughout the year it provides a fresh supply of oxygen and increases the biodiversity of the area. It also reduces noise levels and wind speed which encourages users to open their windows and rely on natural ventilation.



Cross section
1:250