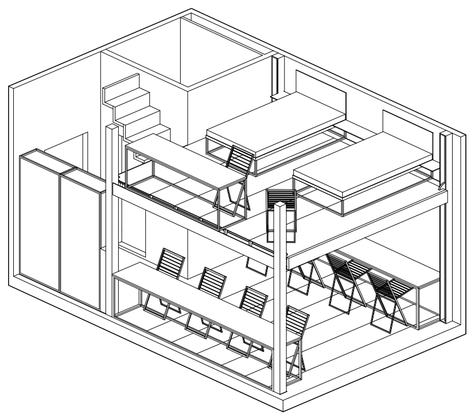
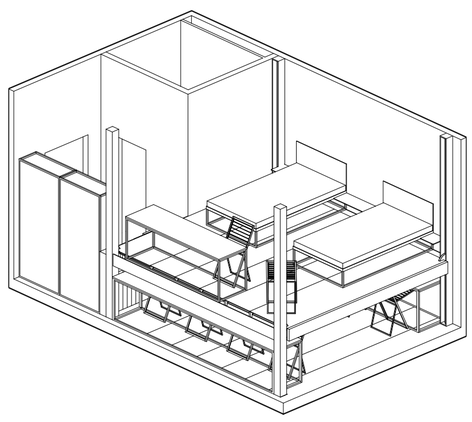
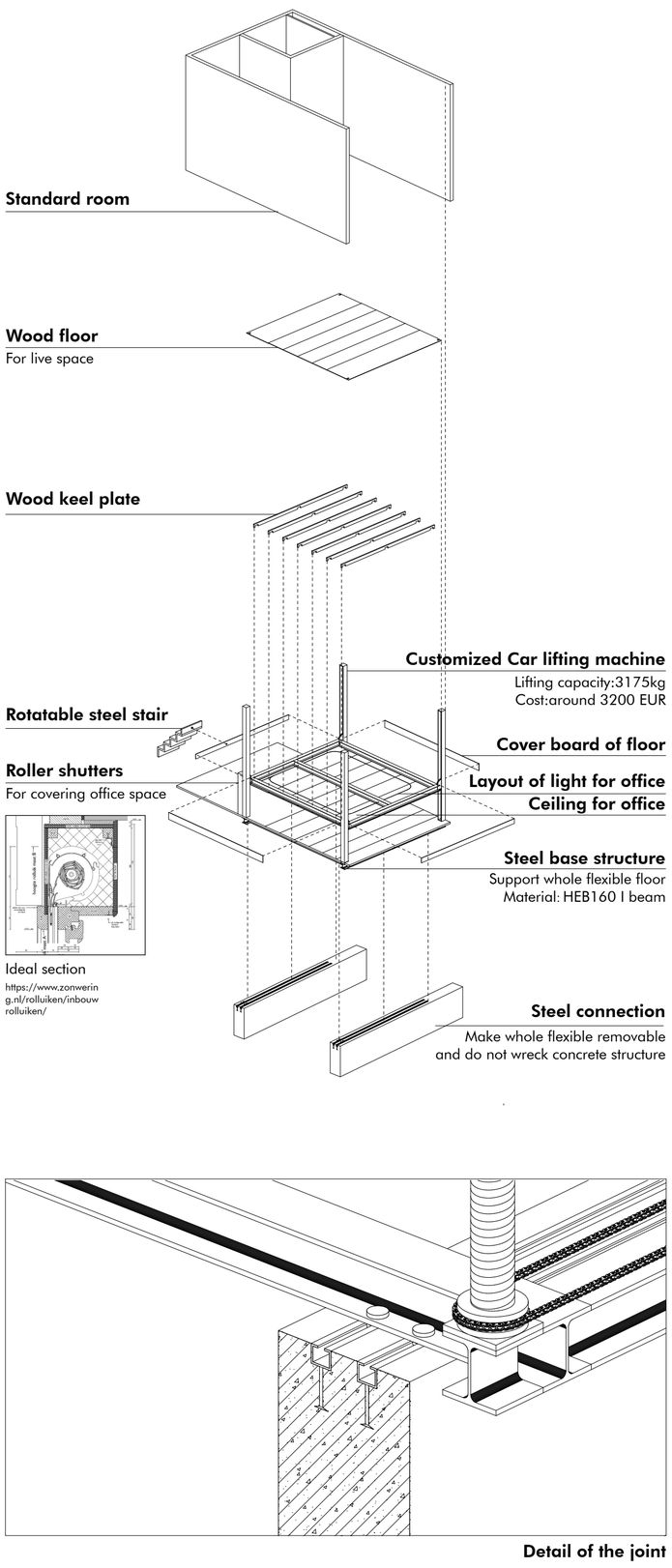


Work space during day, 1:50

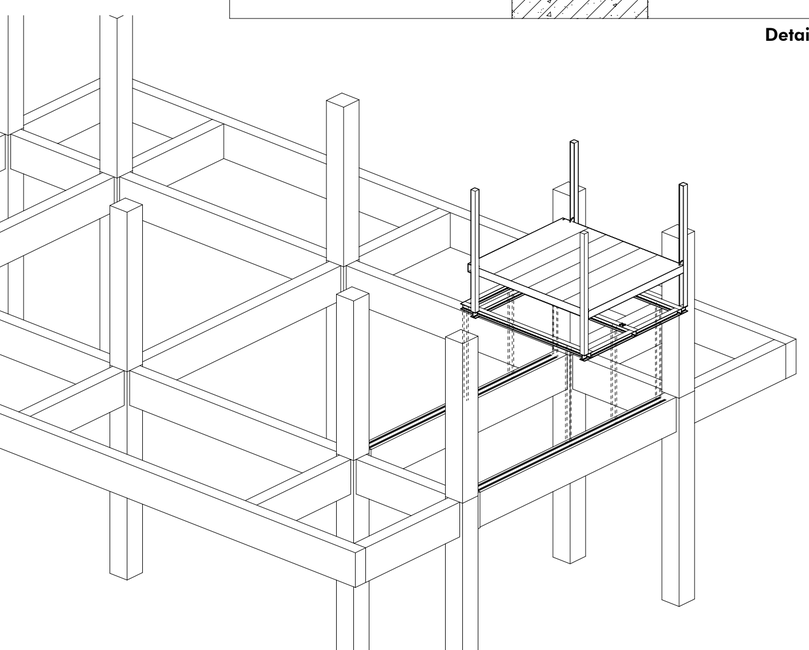


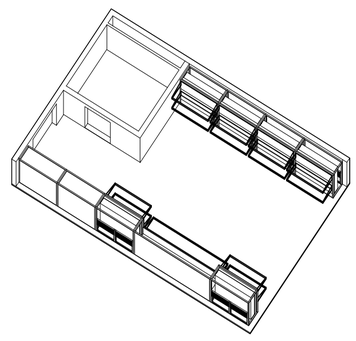
Live space during night, 1:50



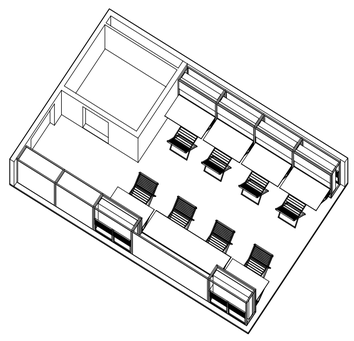
Ideal section
https://www.zonwering.nl/rolluiken/inbouw rolluiken/

Detail of the joint

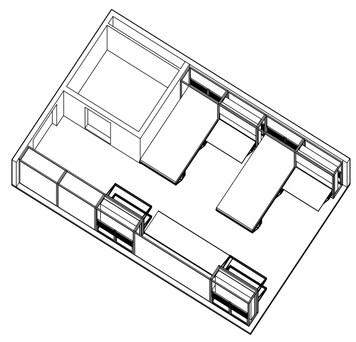




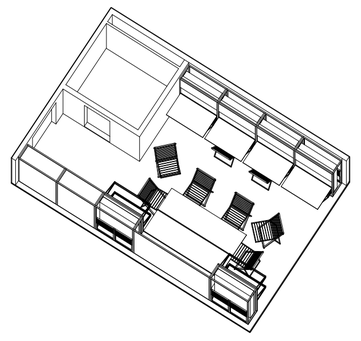
Close mode, for cleaning
1:100



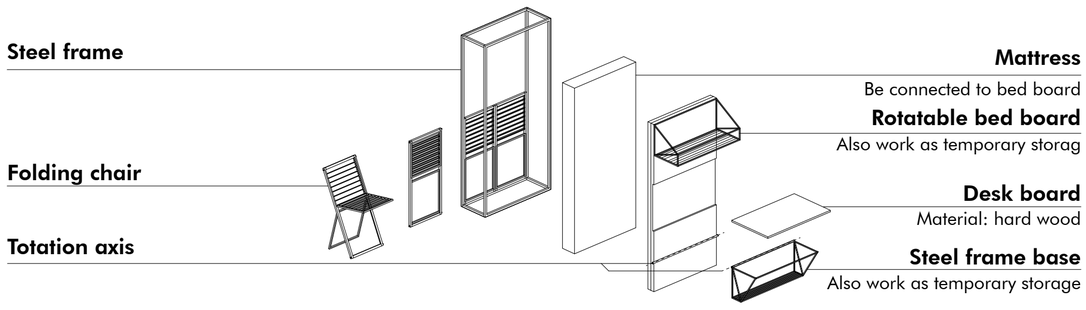
Work space during day
1:100

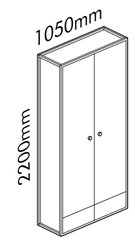


Live space during night
1:100

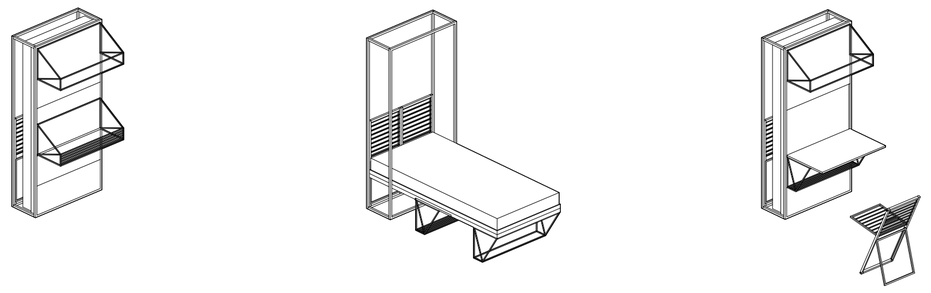


Work space for meeting during day
1:100

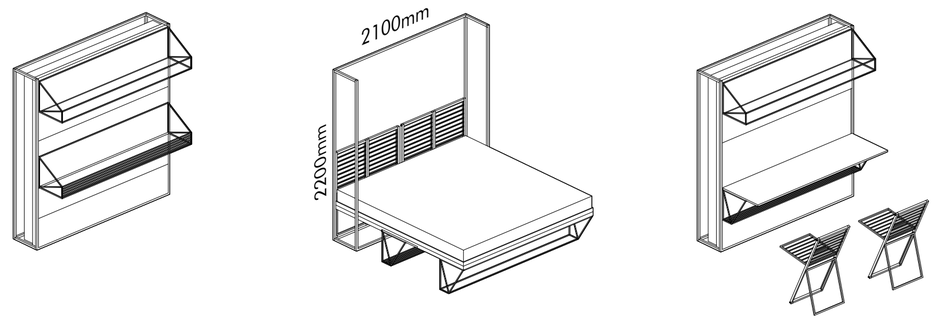




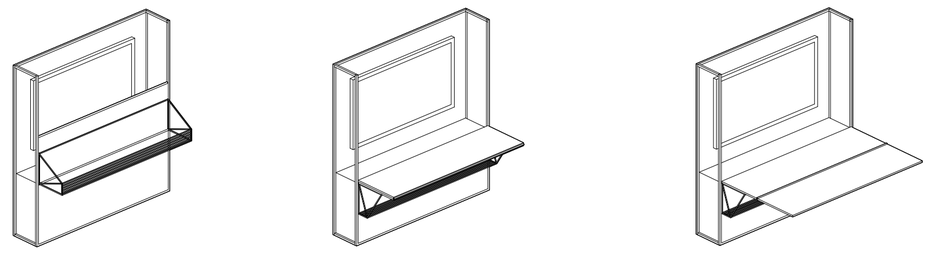
Element-0:Storage



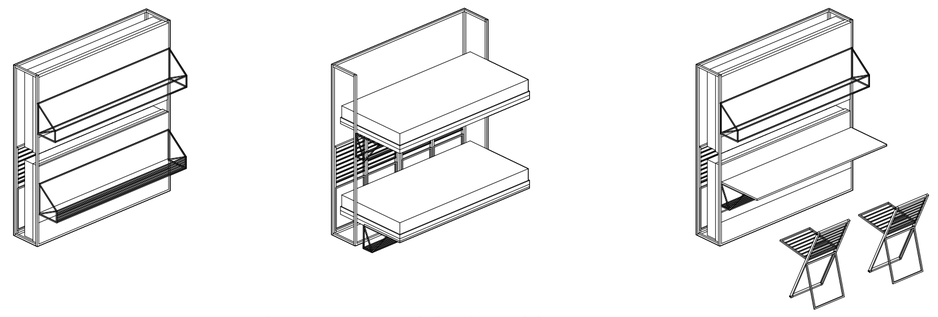
Element-1: Single bed & table



Element-2: Double bed & table



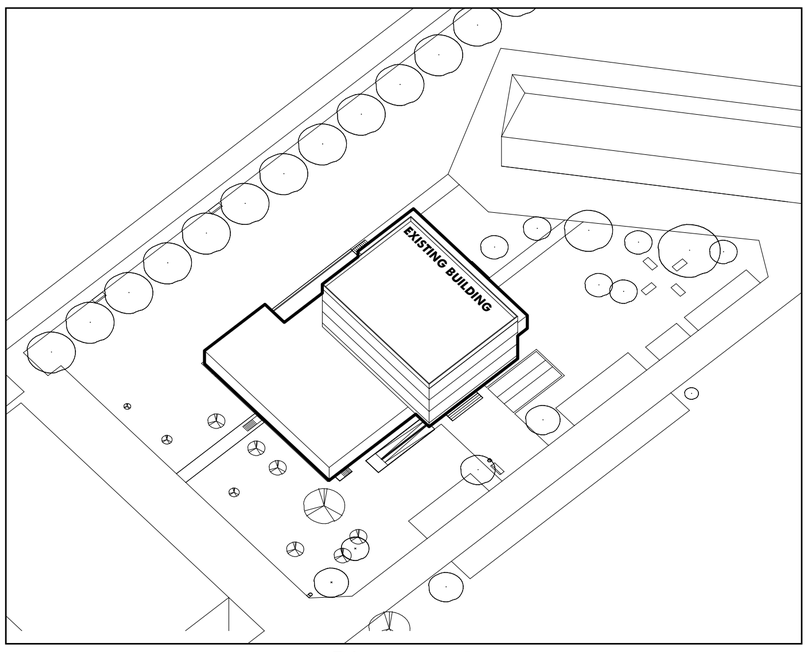
Element-3: TV bench & table & conference table



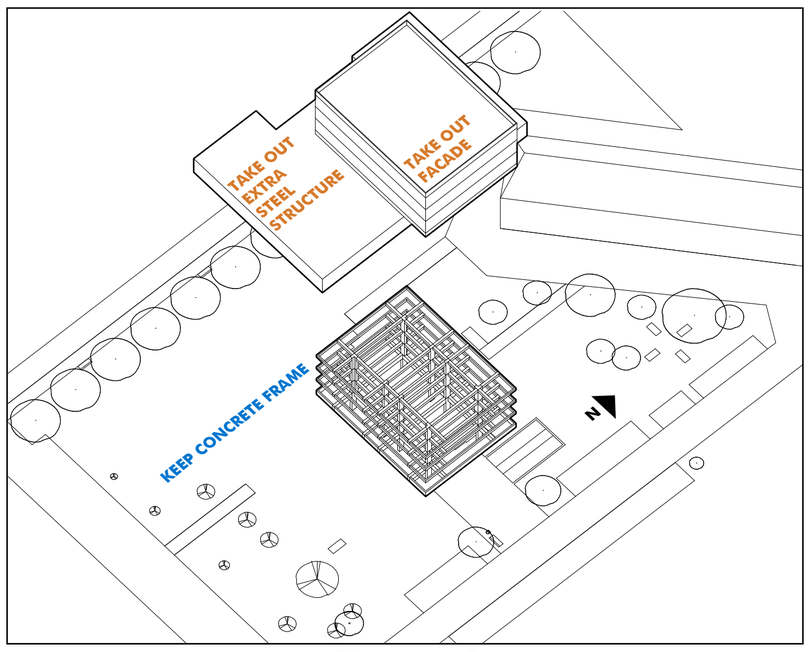
Element-4: Bunk bed & table

Exploration of Space Efficiency: 24-Hour Architecture

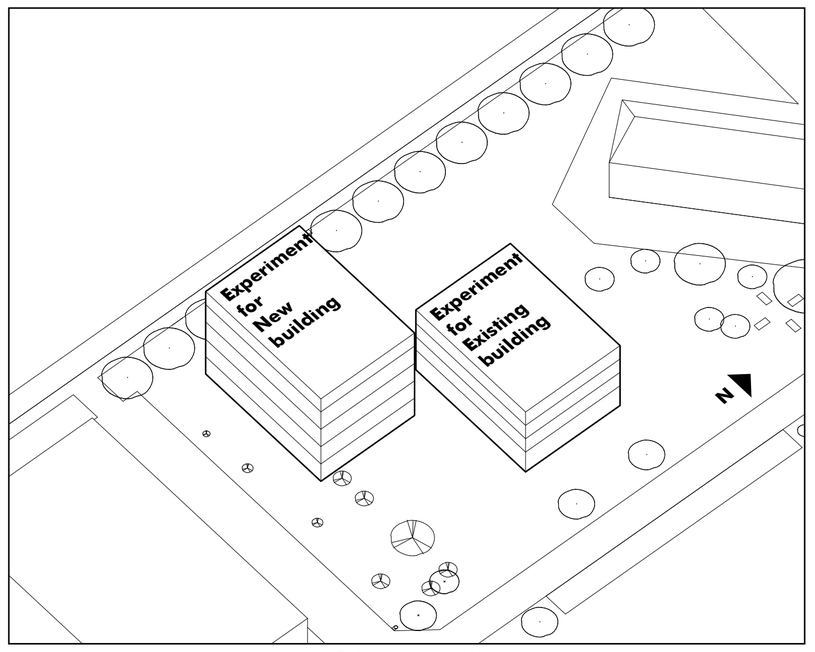
Diagrams of Design Concept



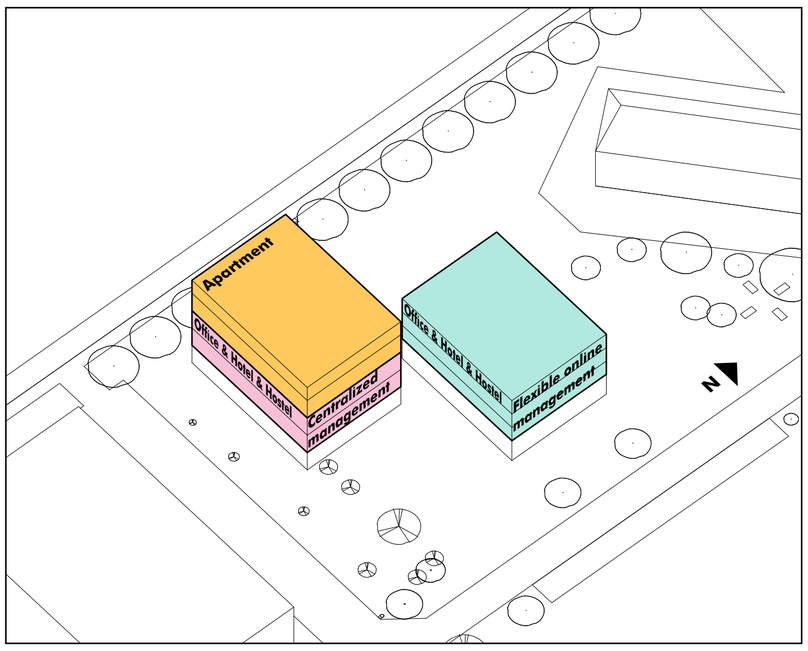
Diagrame 1



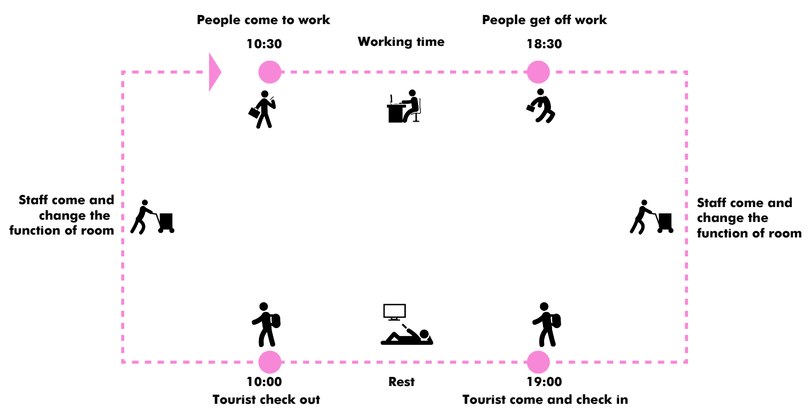
Diagrame 2



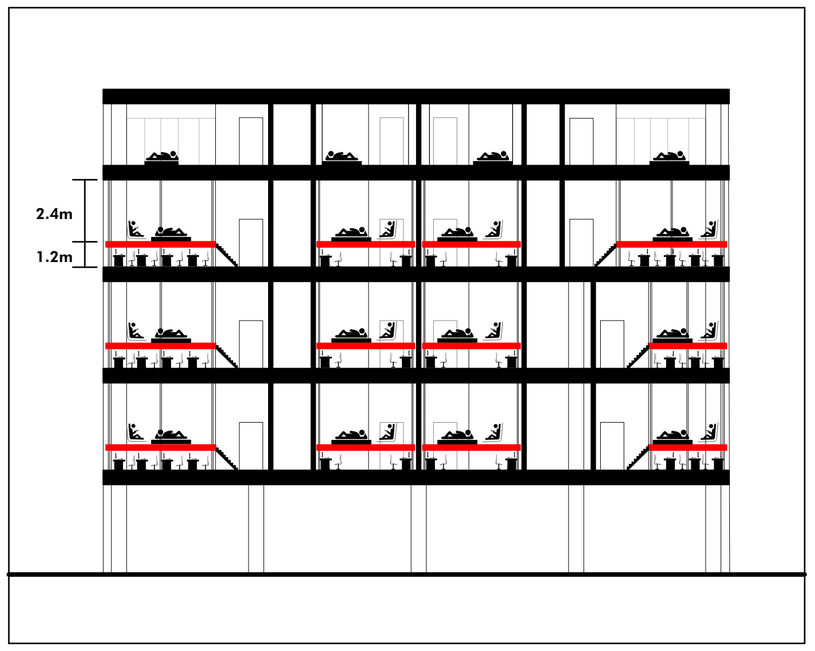
Diagrame 3



Diagrame 4



Diagrame 5



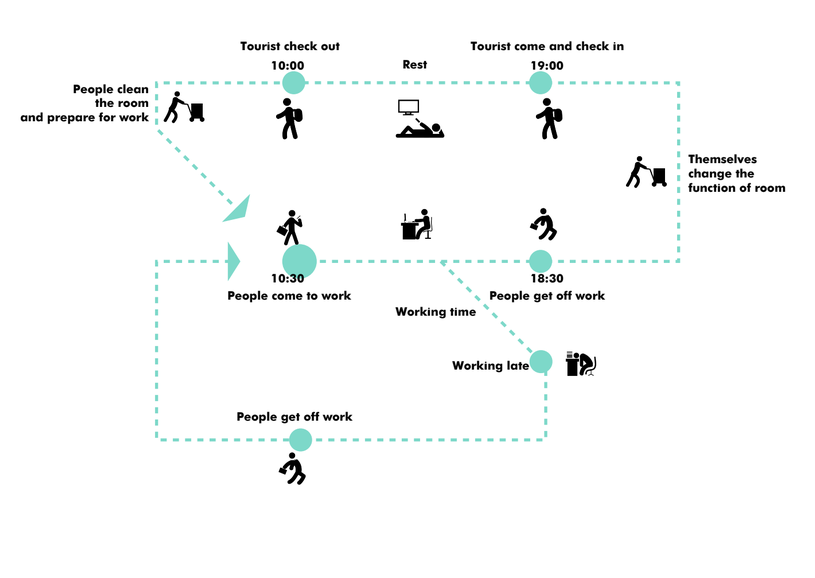
Diagrame 6



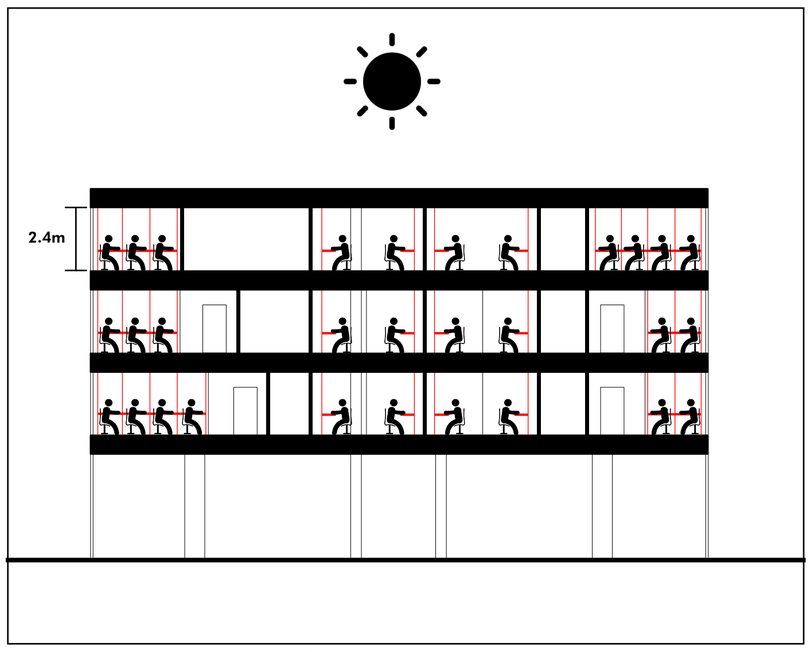
Diagrame 7



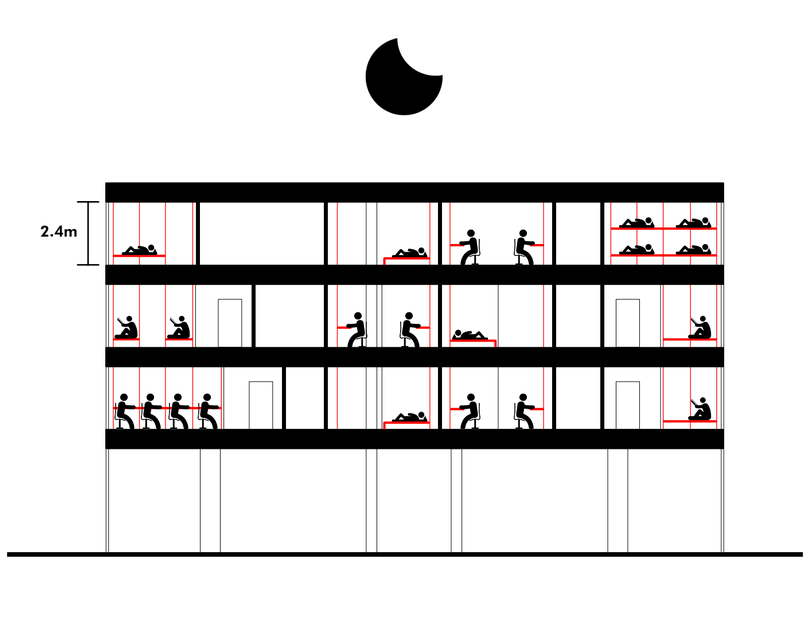
Diagrame 8



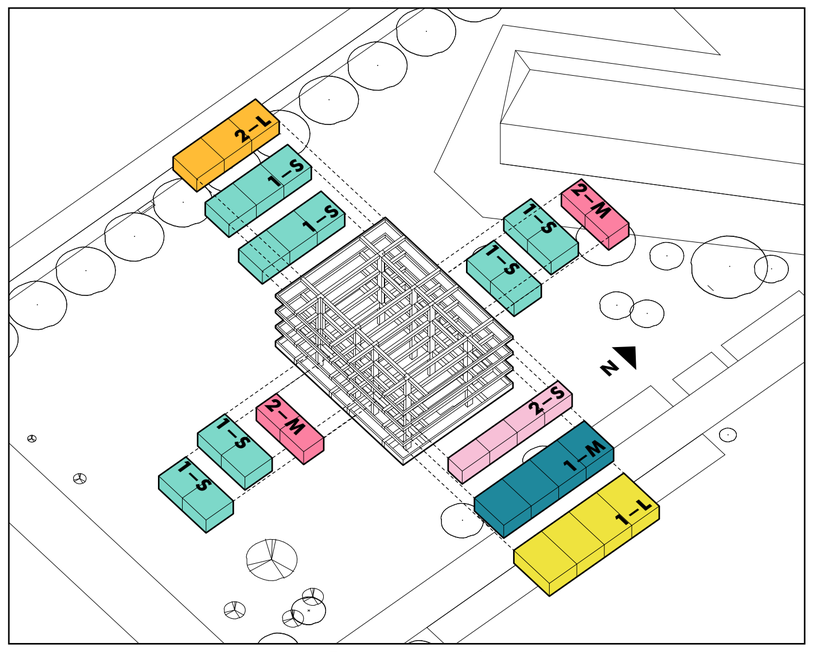
Diagrame 9



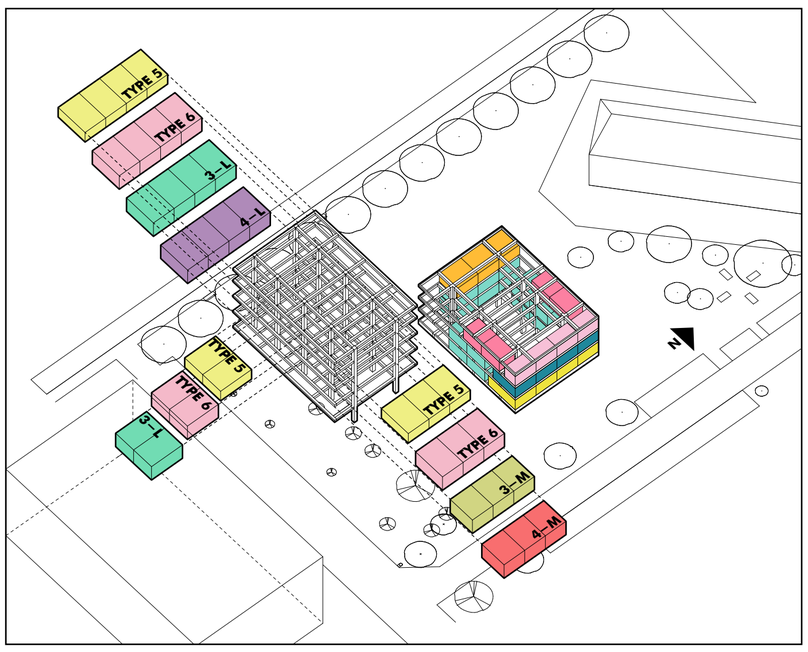
Diagrame 10



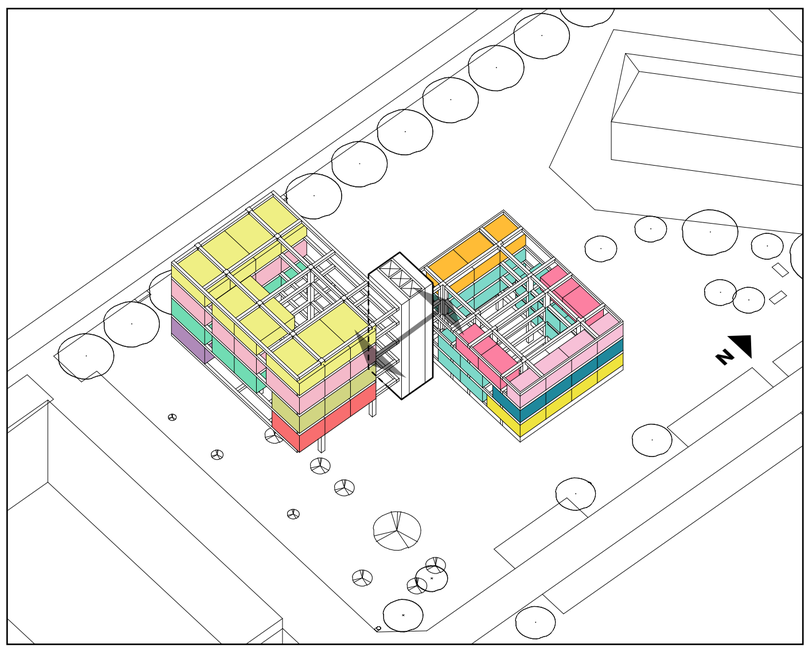
Diagrame 11



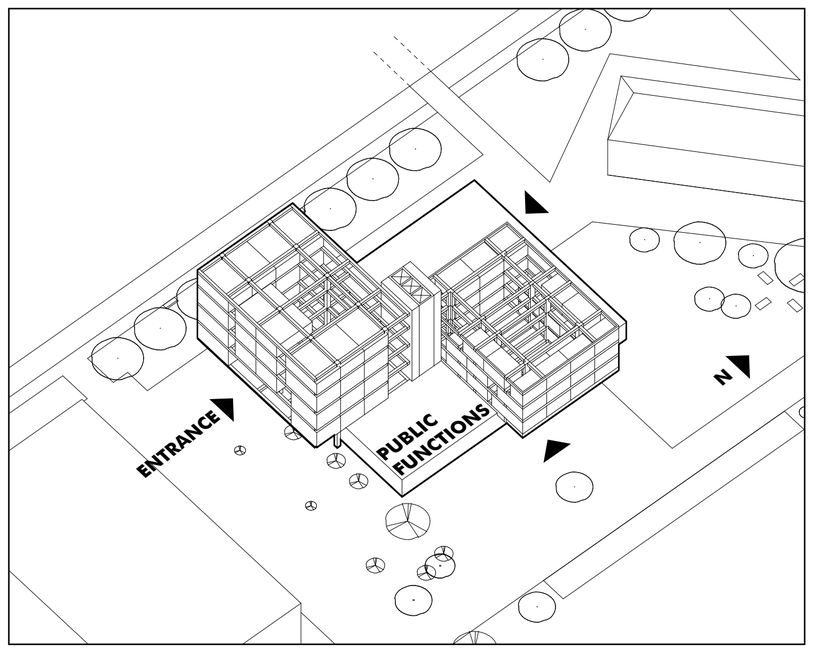
Diagrame 12



Diagrame 13



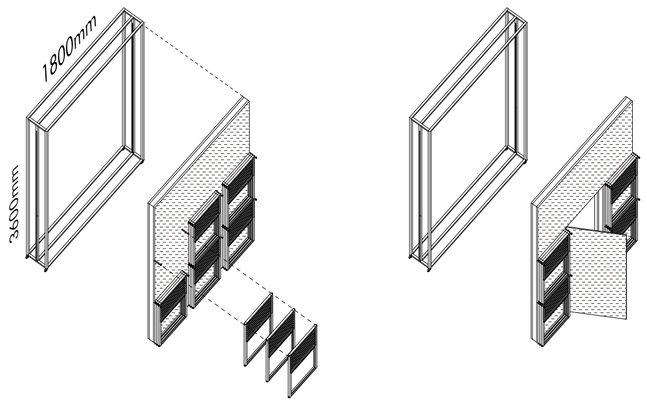
Diagrame 14



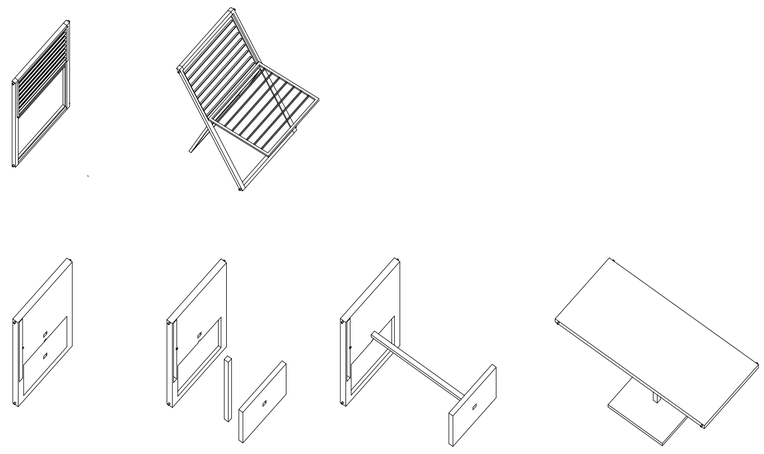
Diagrame 15

Exploration of Space Efficiency: 24-Hour Architecture

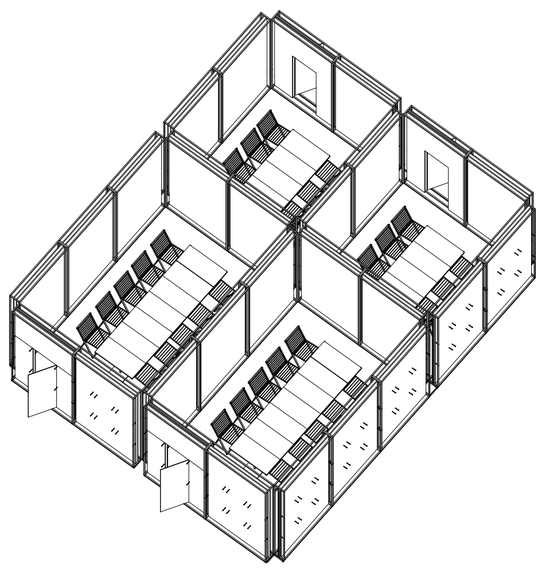
Solutions of Ground Floor



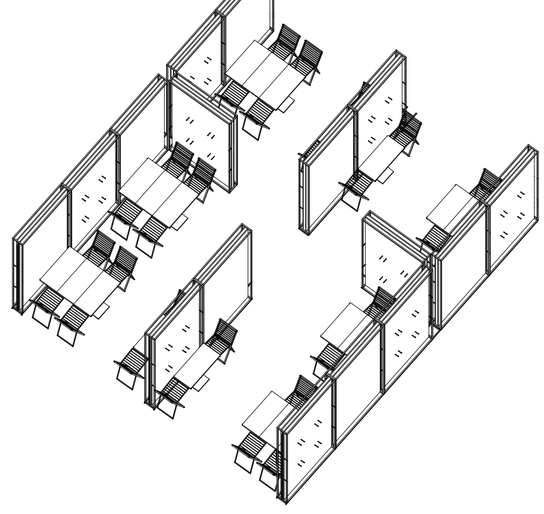
Removable wall, 1:50



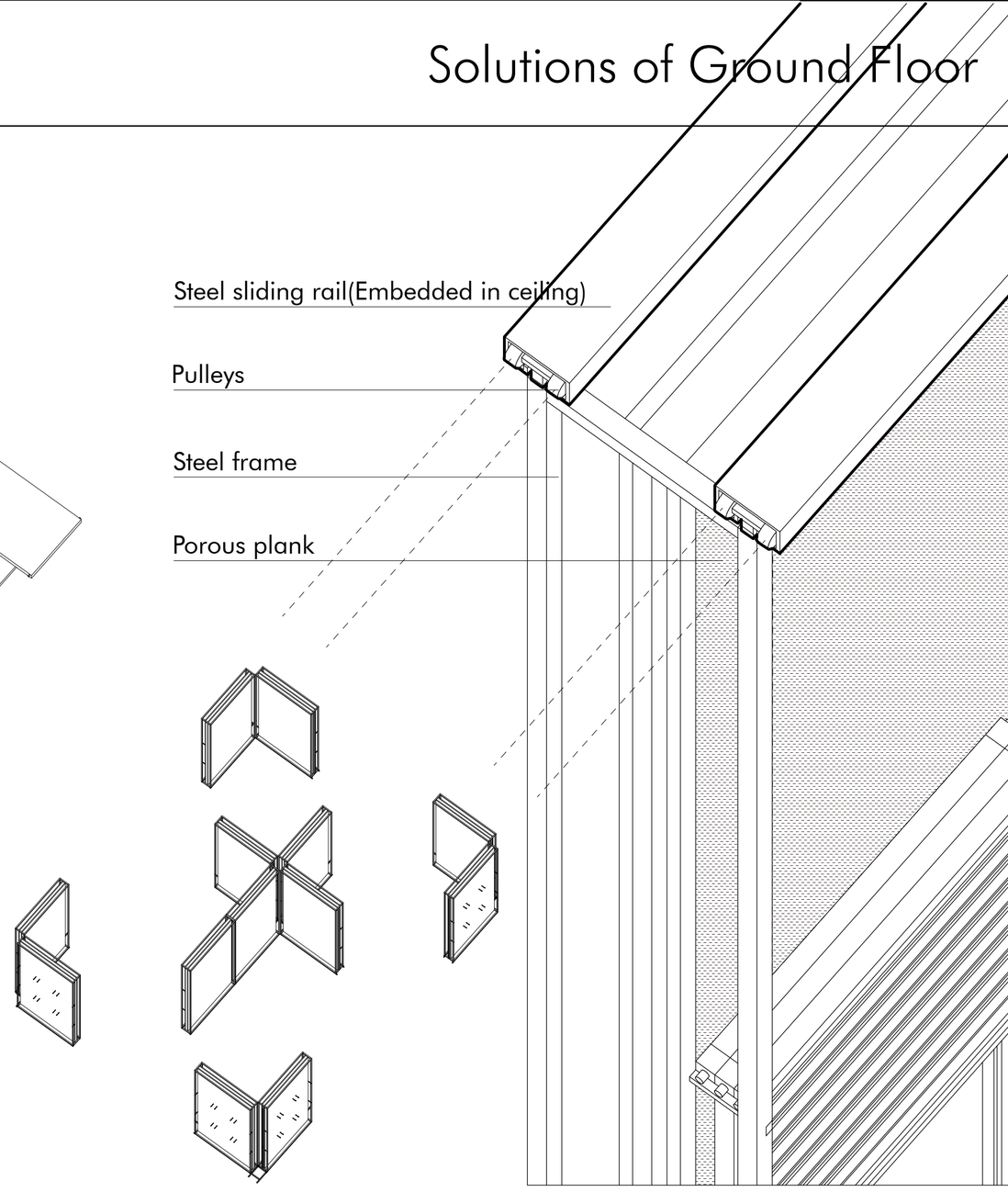
Desk(connect with magnet), 1:25



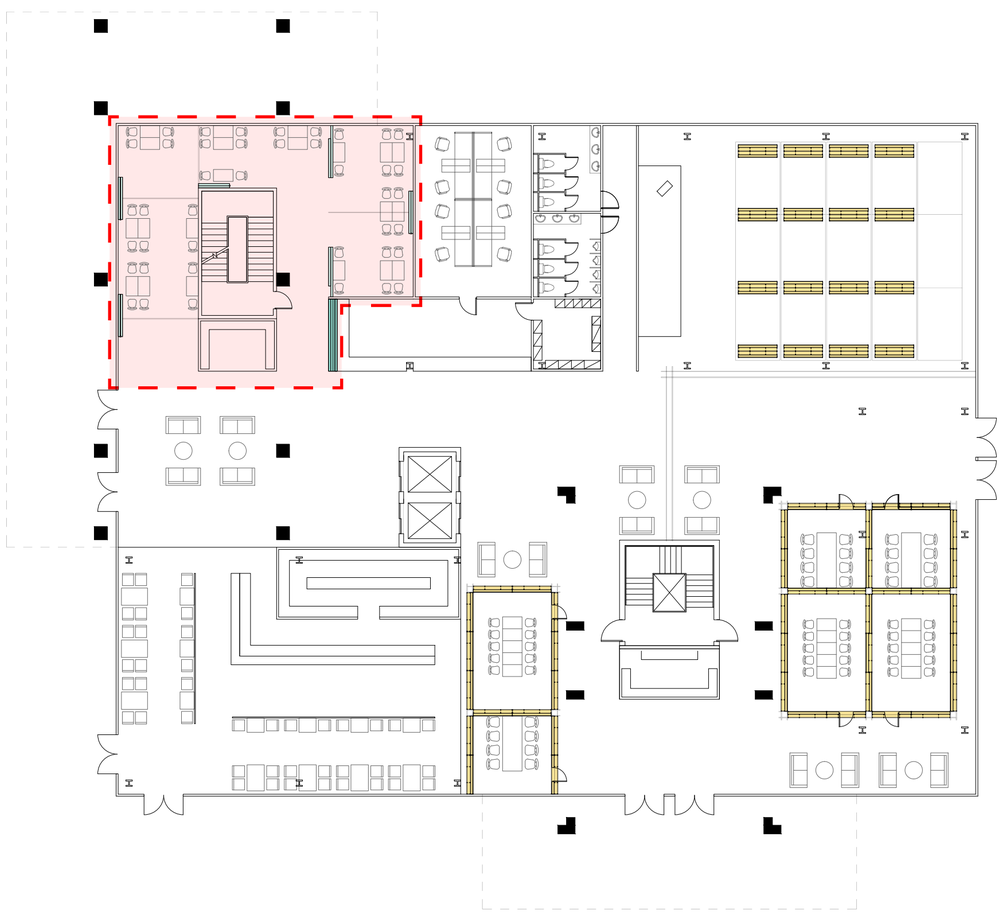
Meeting mode, 1:100



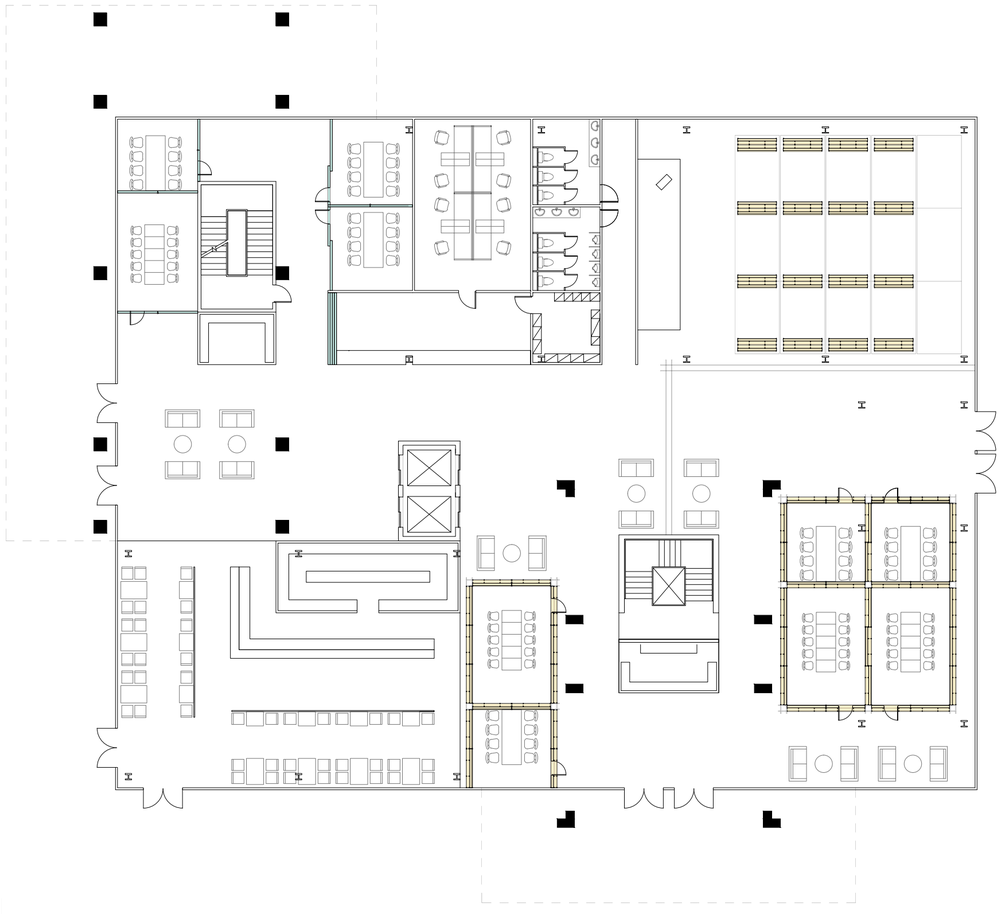
Bar(restaurant) mode, 1:100



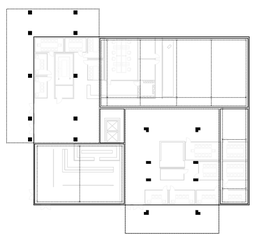
Exhibition(conference) mode, 1:100



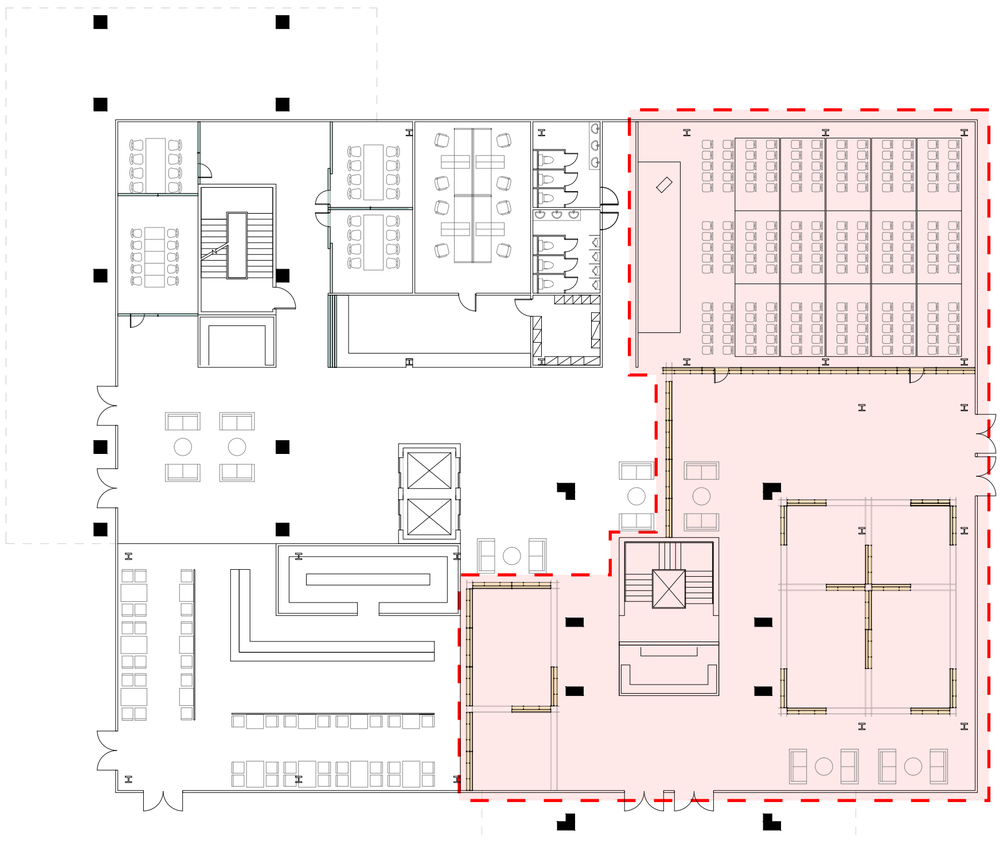
Ground floor (7:30-9:30), 1:200



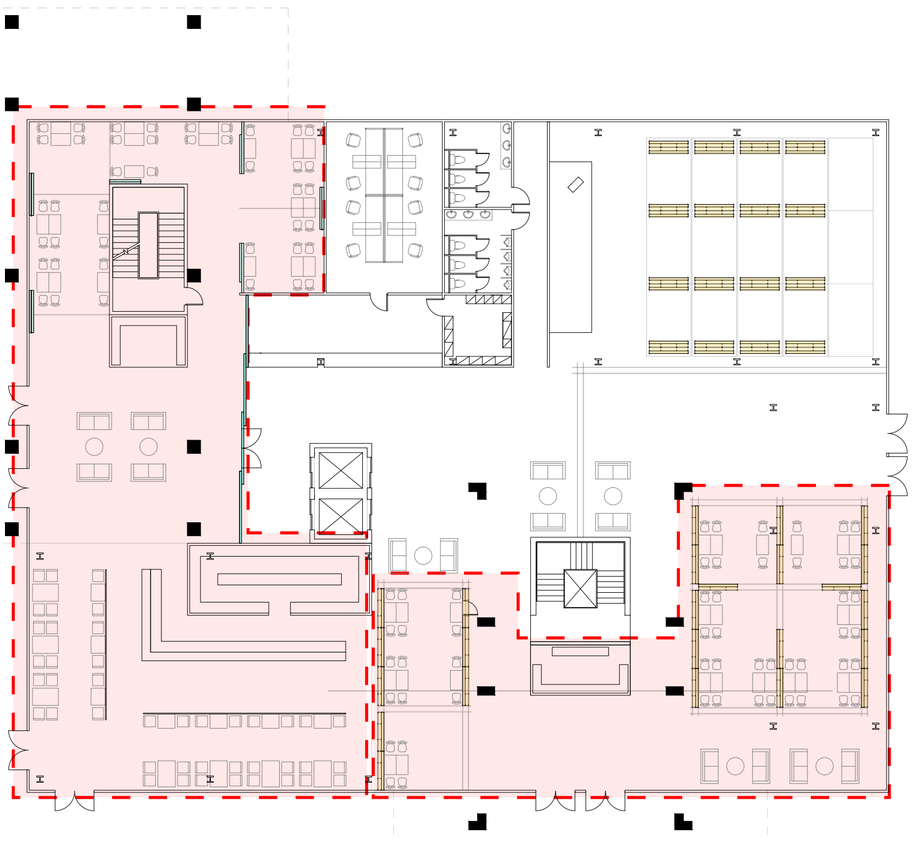
Ground floor (10:00-18:00), 1:200



Structure system



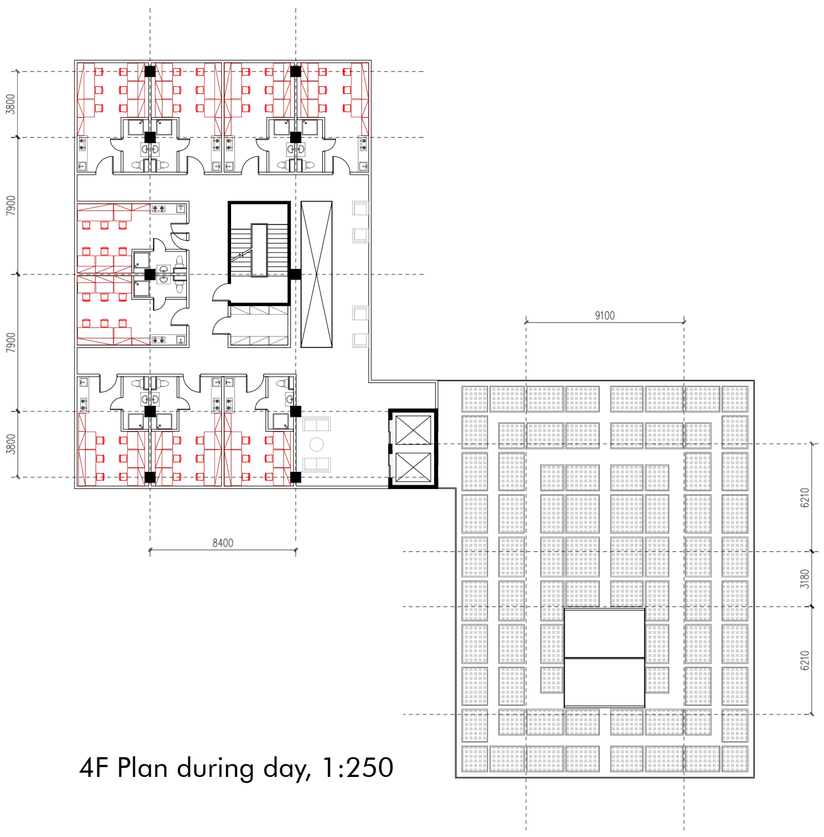
Ground floor (10:00-18:00) during event, 1:200



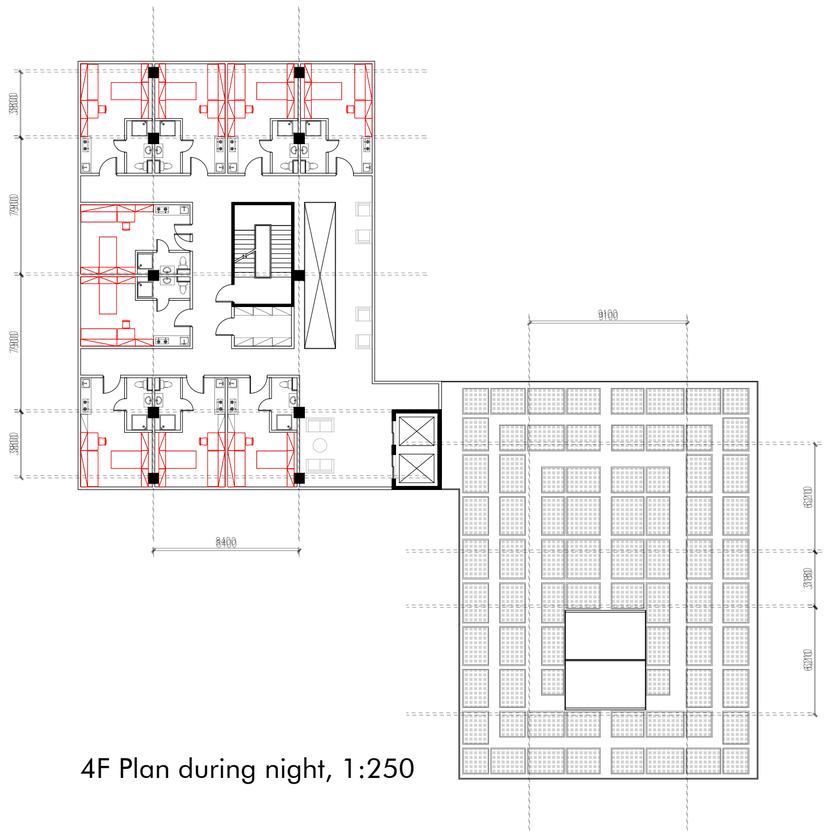
Ground floor (18:30-0:00), 1:200

Exploration of Space Efficiency: 24-Hour Architecture

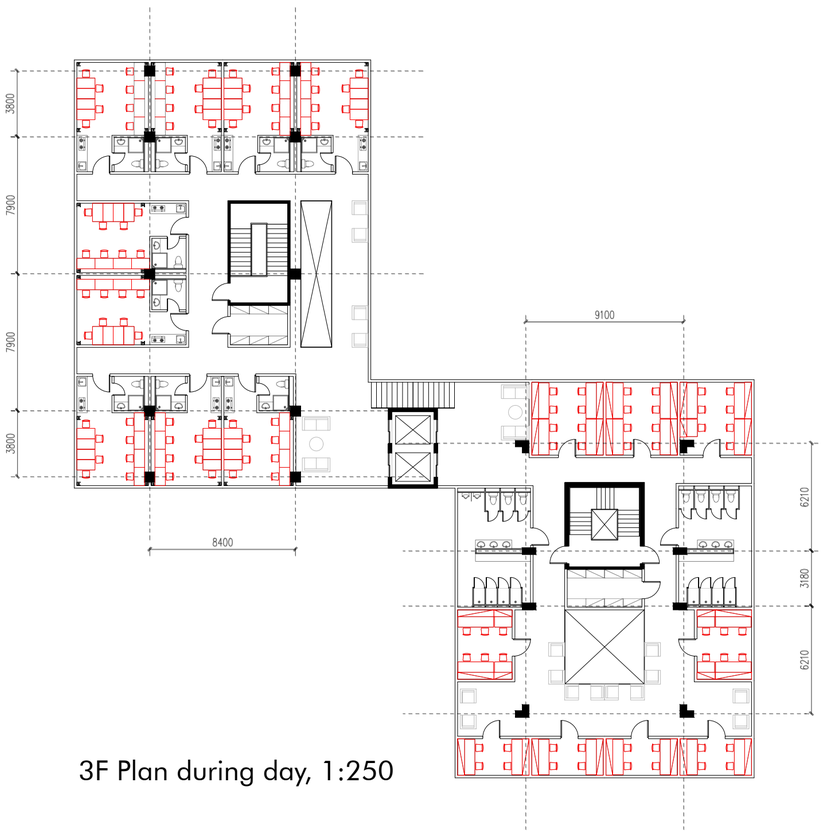
Layout of Standard Floor



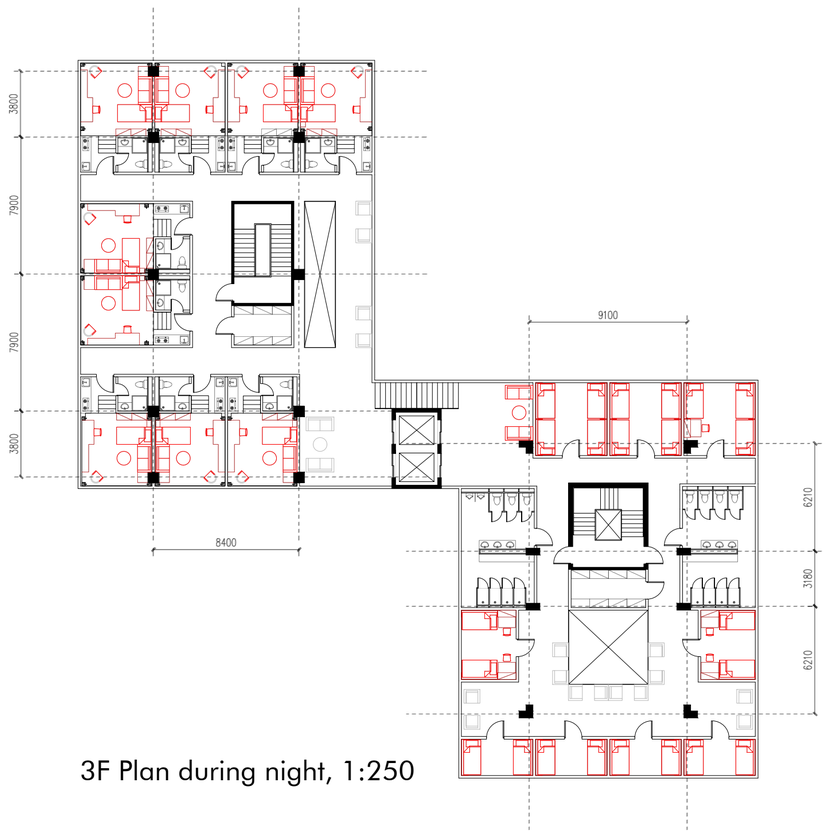
4F Plan during day, 1:250



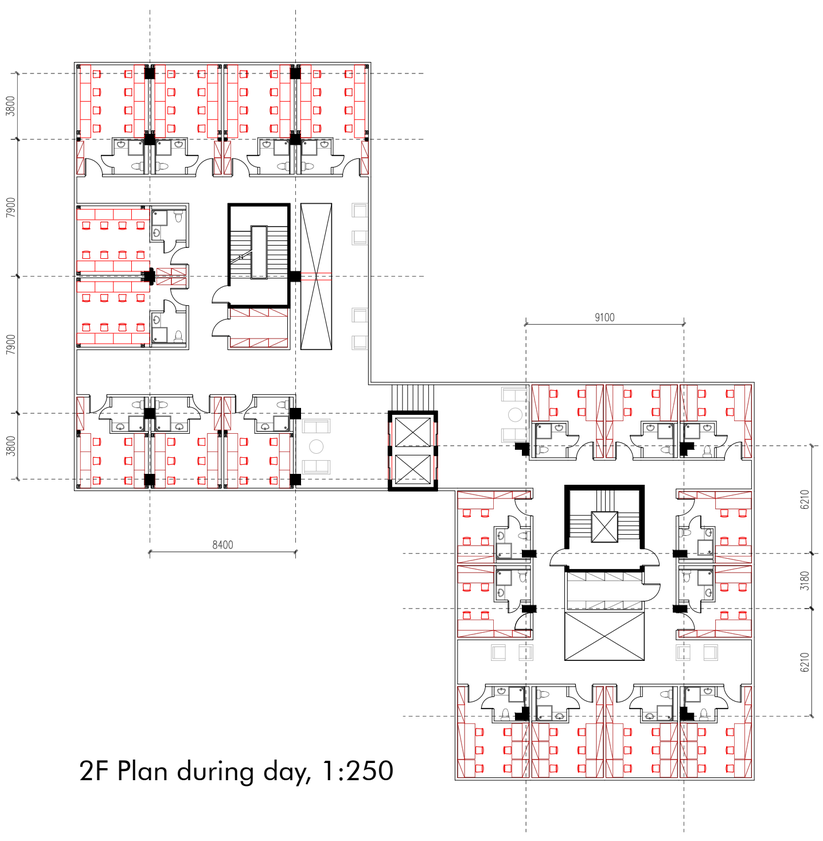
4F Plan during night, 1:250



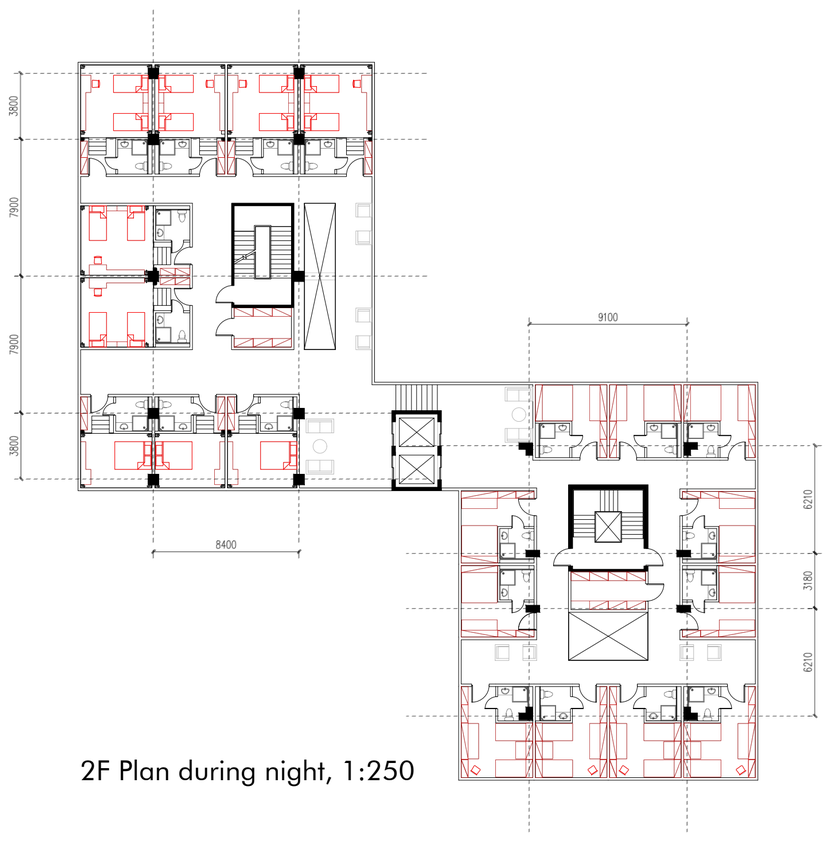
3F Plan during day, 1:250



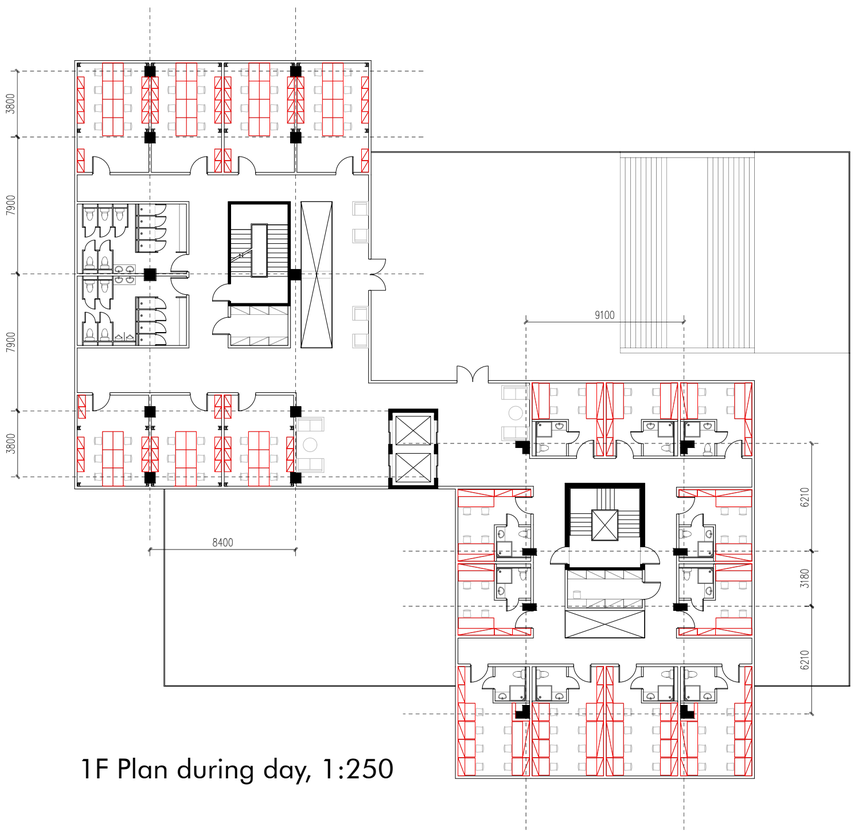
3F Plan during night, 1:250



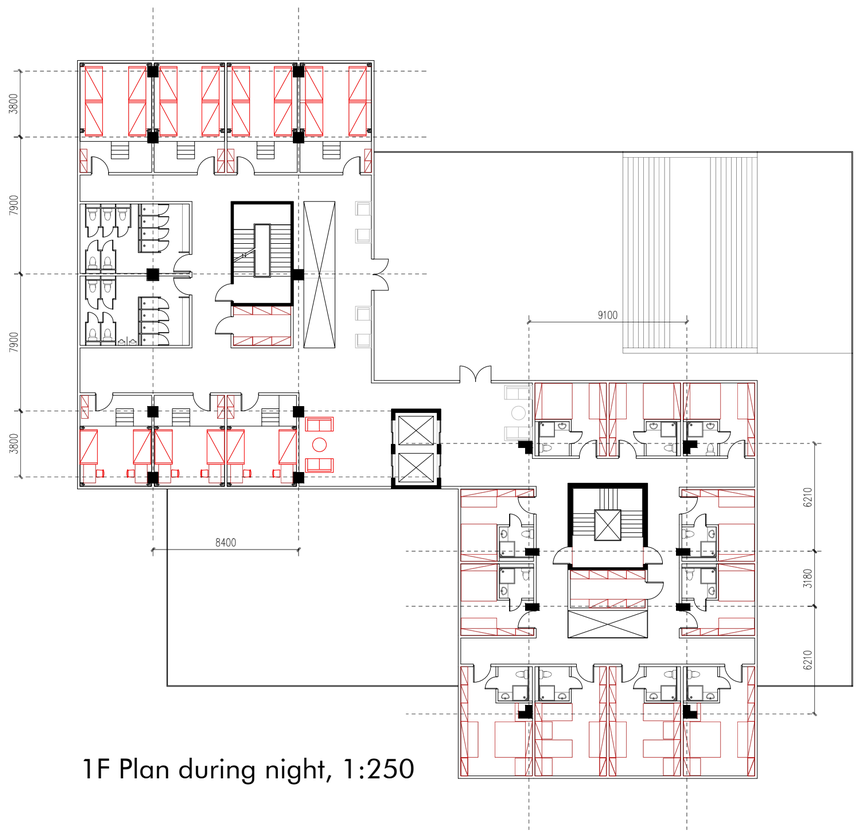
2F Plan during day, 1:250



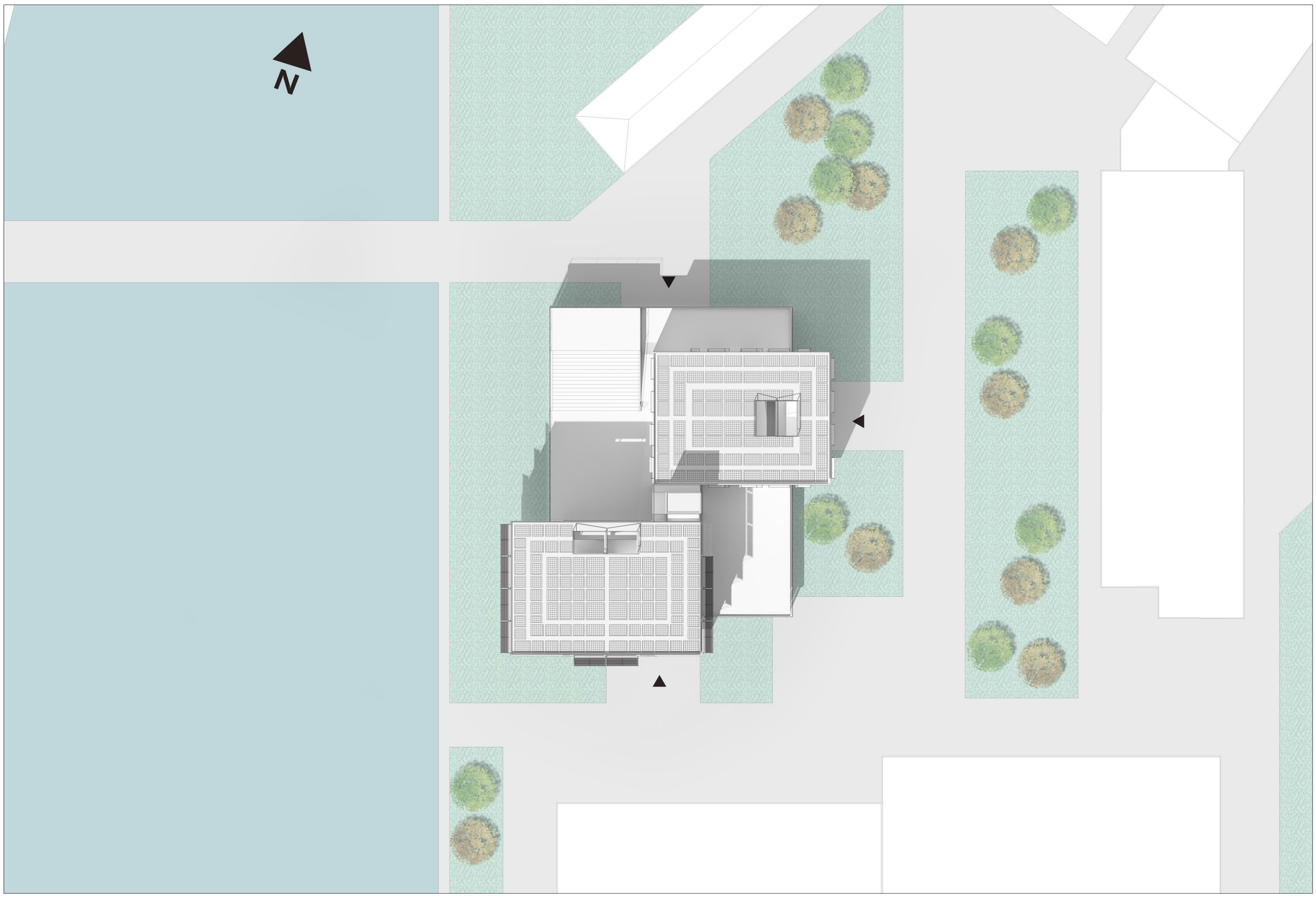
2F Plan during night, 1:250



1F Plan during day, 1:250



1F Plan during night, 1:250



Masterplan



North elevation 1:200



South elevation 1:200



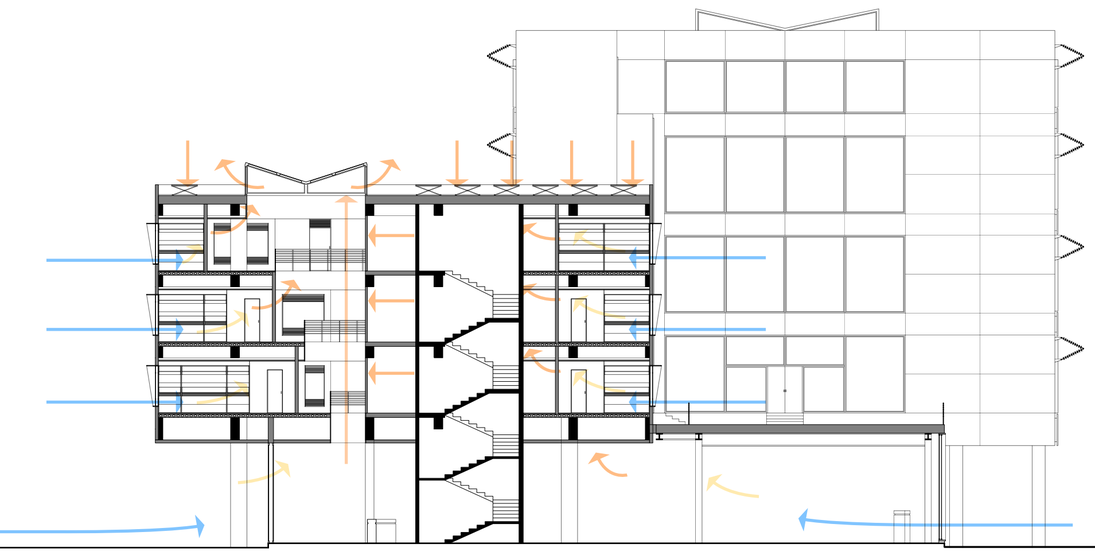
West elevation 1:200



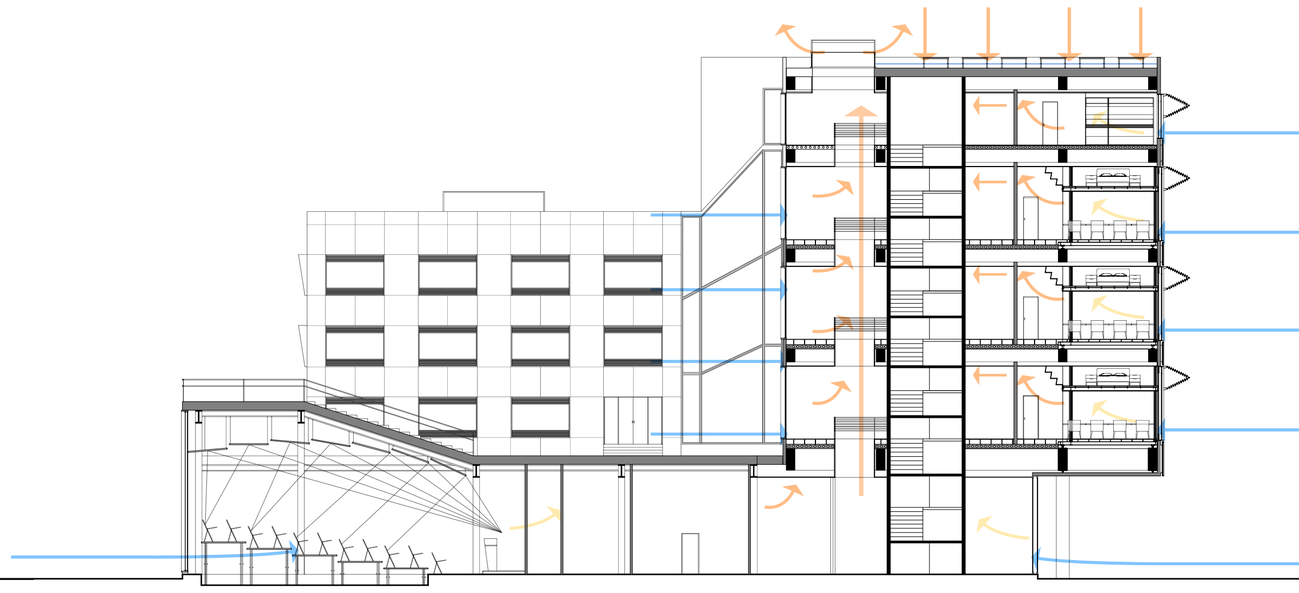
East elevation 1:200

Exploration of Space Efficiency: 24-Hour Architecture

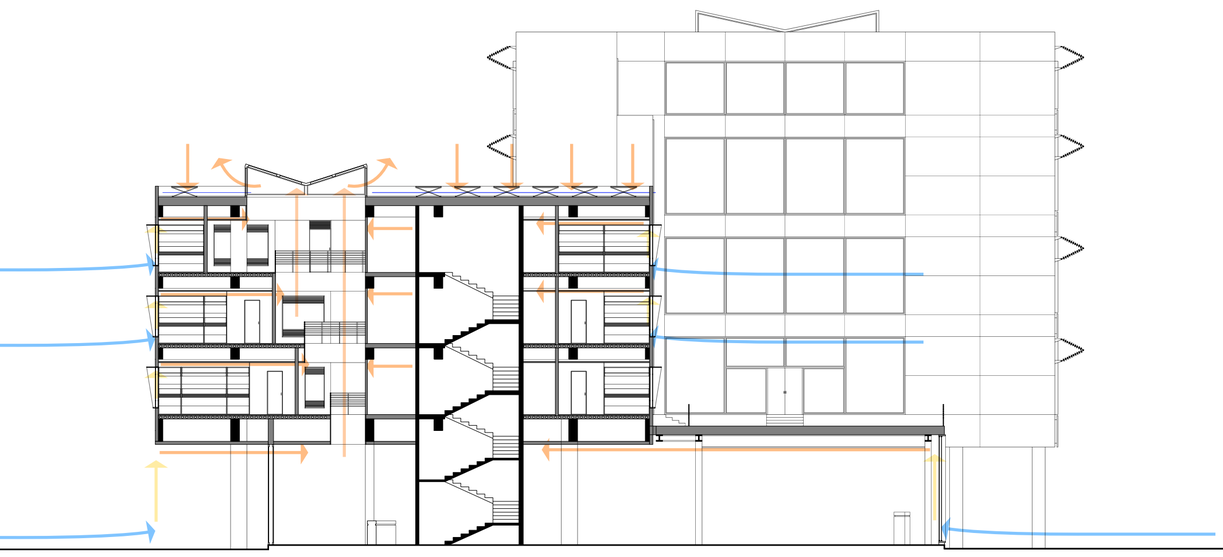
Solutions of Building Technology



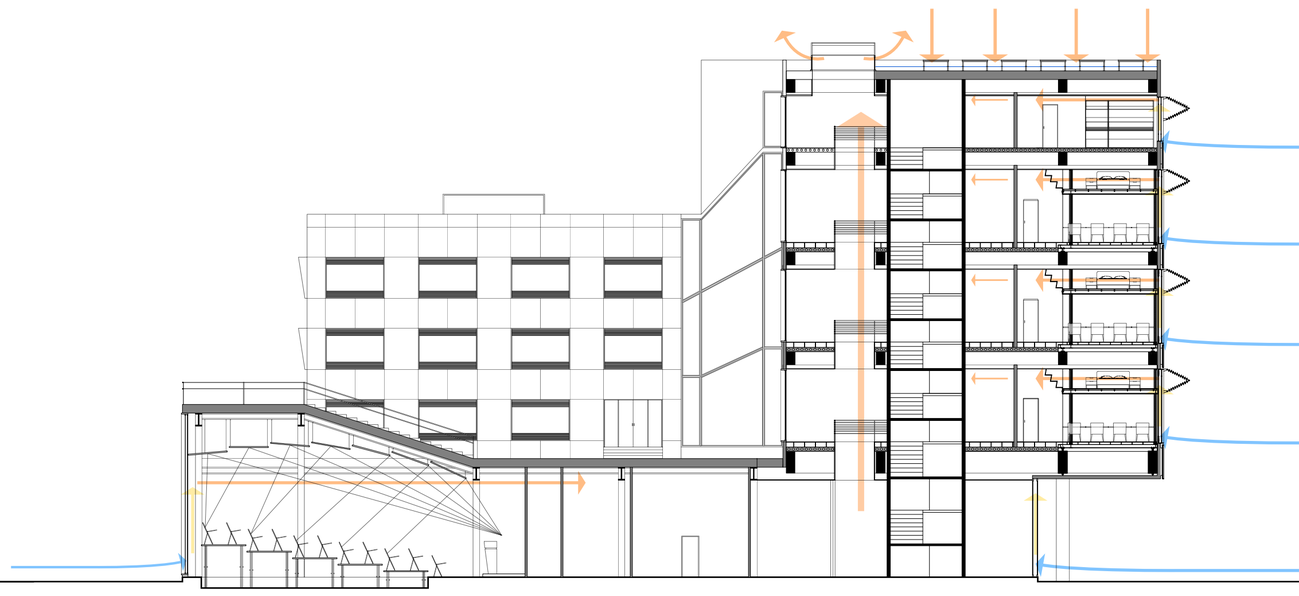
Section 1 During Summer,1:200



Section 2 During Summer,1:200

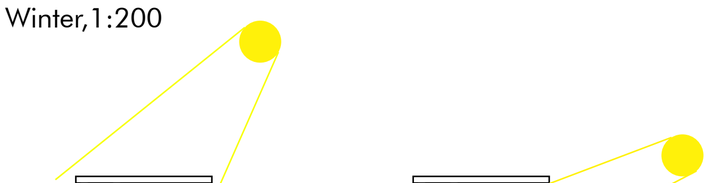


Section 1 During Winter,1:200



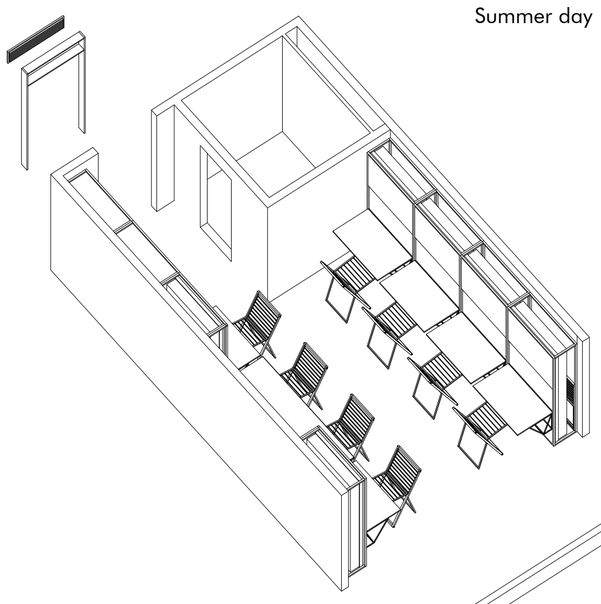
Section 2 During Winter,1:200

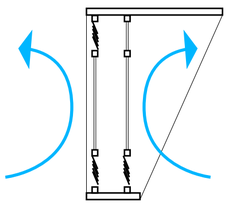
Facade of Block 1



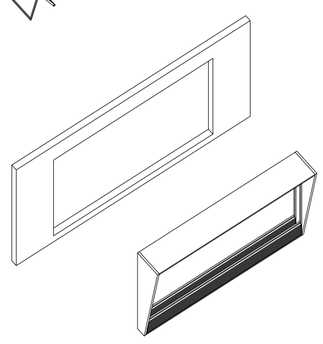
Summer day

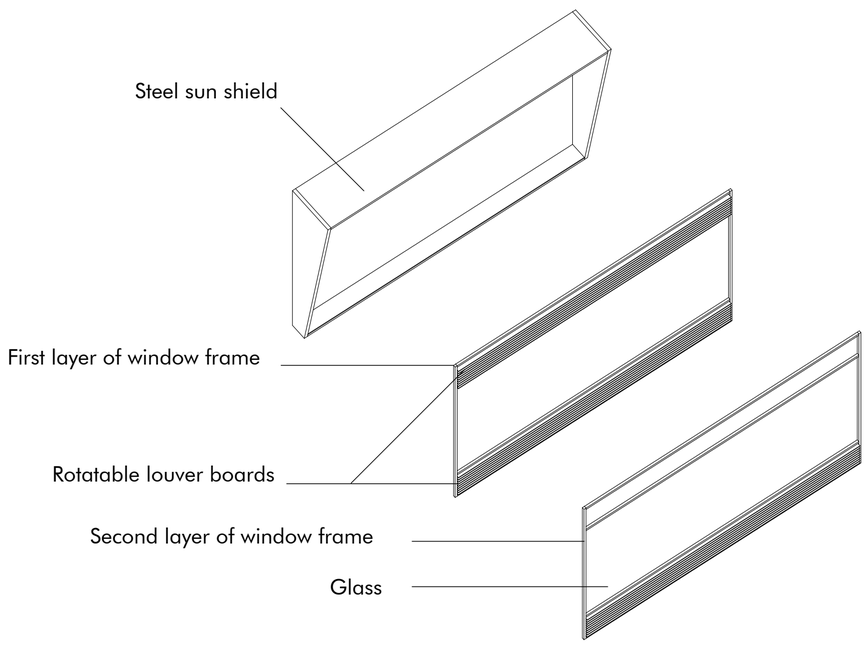
Winter day



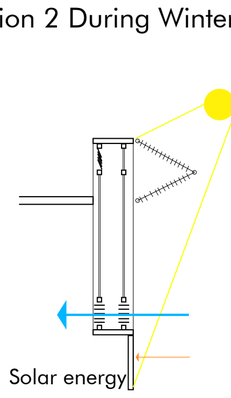


Night

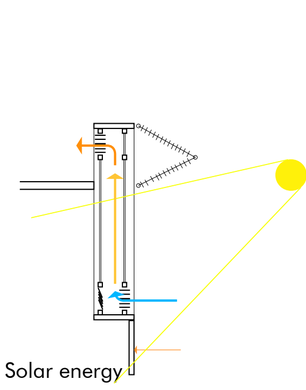




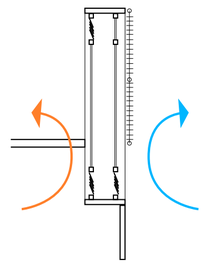
Facade of Block 2

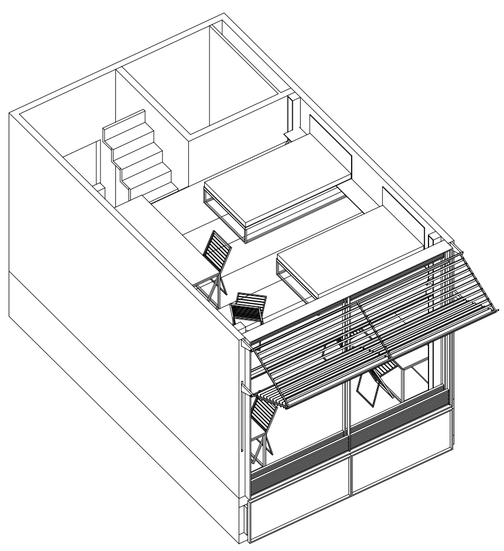


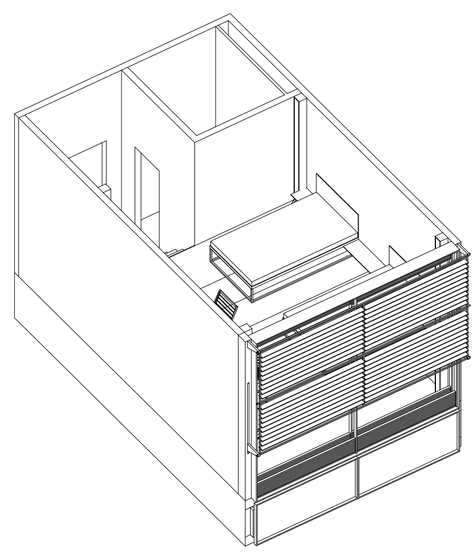
Solar energy



Solar energy



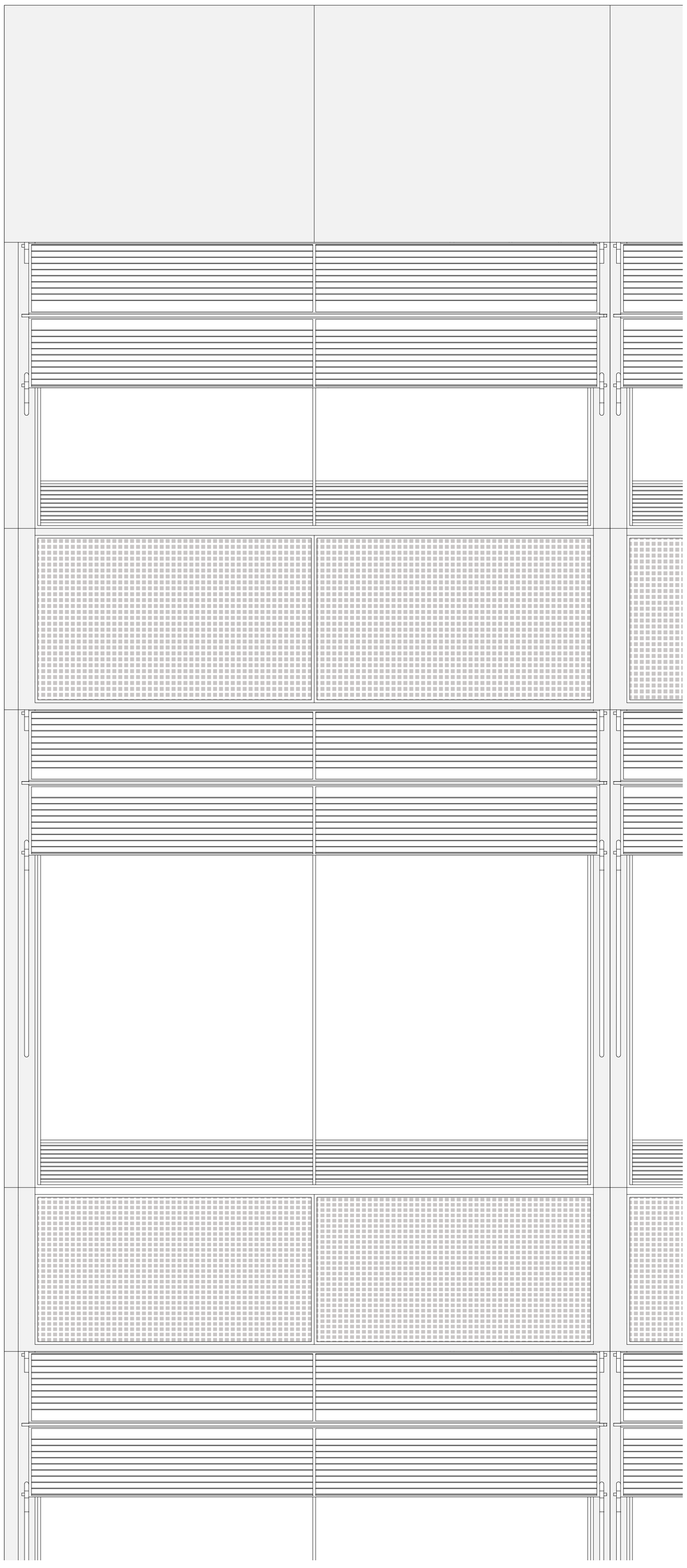




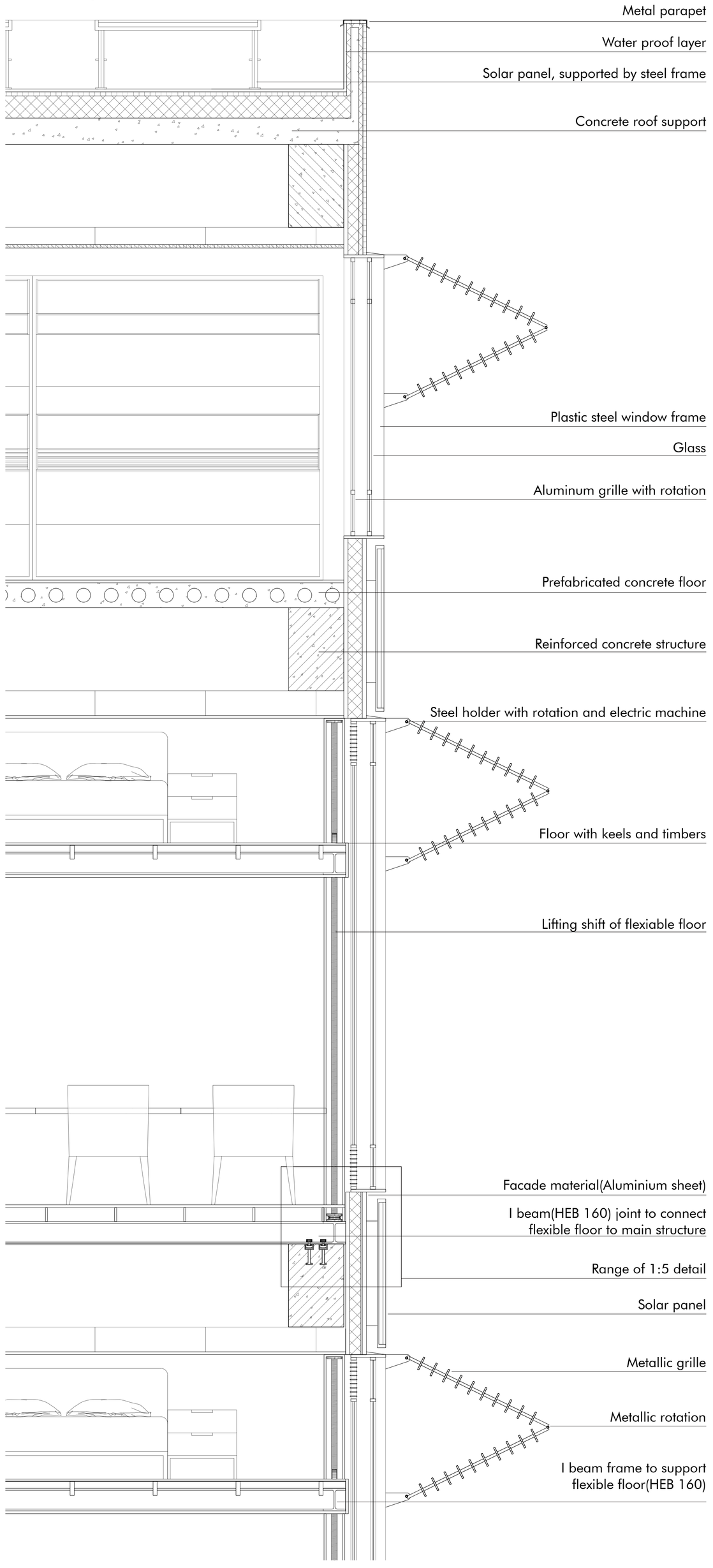
Exploration of Space Efficiency: 24-Hour Architecture

Details

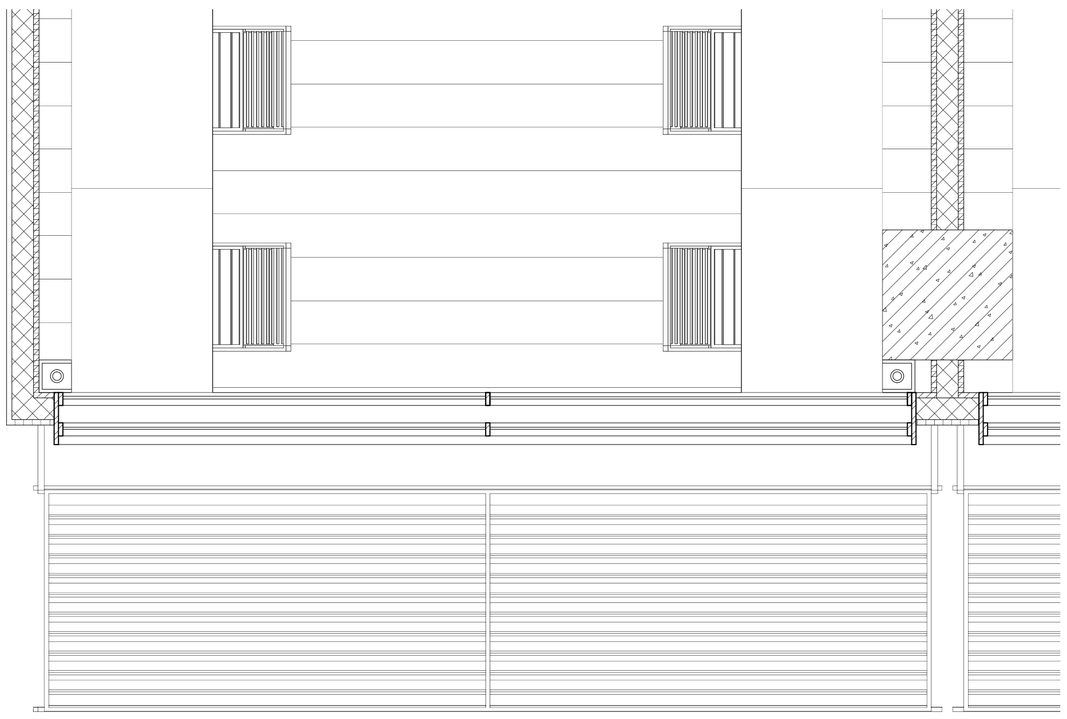
Facade fragment, 1:20



Section fragment, 1:20



Plan fragment, 1:20



Detail, 1:5

