01. Corrugated aluminum panel (from Rotor)
02. Aluminum louver
03. Perforated aluminum panel
04. Wooden panel
05. Existing brick wall
01. Corrugated aluminum panel (from Rotor)
02. Aluminum louver
03. Perforated aluminum panel
04. Wooden panel
05. Existing brick wall
01. courtyard
02. buffer zone
15. children’s reading area
24. light reading area
14. open shelf reading area
17. reading room
18. special literature room
25. mezzanine platform
32. self-study area
35. discussion room
01. courtyard
03. lobby
20. Café
32. self-study area

3-3 section
01 Aluminum facade

- Flashing
- New aluminum panel
- Edge bonding
- Metal connector
- Corrugated aluminum
- Waterproof layer
- 15mm oak panel
- 100mm thermal insulation
- Jalousie 40/40mm
- Service cavity
- Interior finishing

- 20mm:
  - 150mm planting soil
  - Geotextile fabric
  - 30mm plastic drainage sheet
  - Metal drainpipe, waterproof layer
  - 20mm coated, fiber leveling layer
  - 20mm coated, mortar base making layer
  - 160mm insulation layer
  - 100mm insulating wooden floor

- Corrugated aluminum panel
- Exterior
- U-shaped connector
- Vertical wooden keel
- Interior

Horizontal section
03 Old & new connection

Detail of the connection between existing roof and new structure

Detail of the connection between existing floor and new structure