15. Storage;
16. Magazine reading area;
17. Locker;
18. Library;
19. Bar;
20. Concert room (formal);
1. Market hall (fla market, local craft); informal performance space;
2. Umbrella storage;
3. Dog stay;
4. Exhibition area;
5. Foyer;
6. Chess club;
7. Cheering area;
8. Reception;
9. Painting room;
10. Stage for informal performance;
11. Semi exterior garden;
12. Semi exterior space for the cafe;
13. Cafe;
14. Kitchen;
15. Storage;
16. Magazine reading area;
17. Locker;
18. Library;
19. Bar;
20. Concert room (formal);
21. Backstage;
Seismic Design on Architectural Composition Level

Current Condition

Separation

Light and Flexible Expansion

Seismic Design on Structure Level

Strategy 1:
Stiff structure with flexible and ductile restraints with the foundation.

Strategy 2:
Flexible structure with elastic members to keep the overall shape, and ductile joints to take the seismic energy.
External Wall:
- Old masonry wall 210mm
- CFRP
- Waterproof layer
- Insulation 120mm
- CLT wall panel 180mm

Internal Wall:
- Woodboard 18mm
- Waterproof layer
- Insulation 120mm
- Timber joist 120x80mm
- CLT wall panel 180mm

External Roof
- Roof cladding (Fiber cement current)
- Waterproof layer
- Roofboard 18mm
- Rafters

Internal Roof
- Woodboard 18mm
- Waterproof layer
- Timber joist 120x80mm
- Insulation 120mm
- CLT panel 180mm