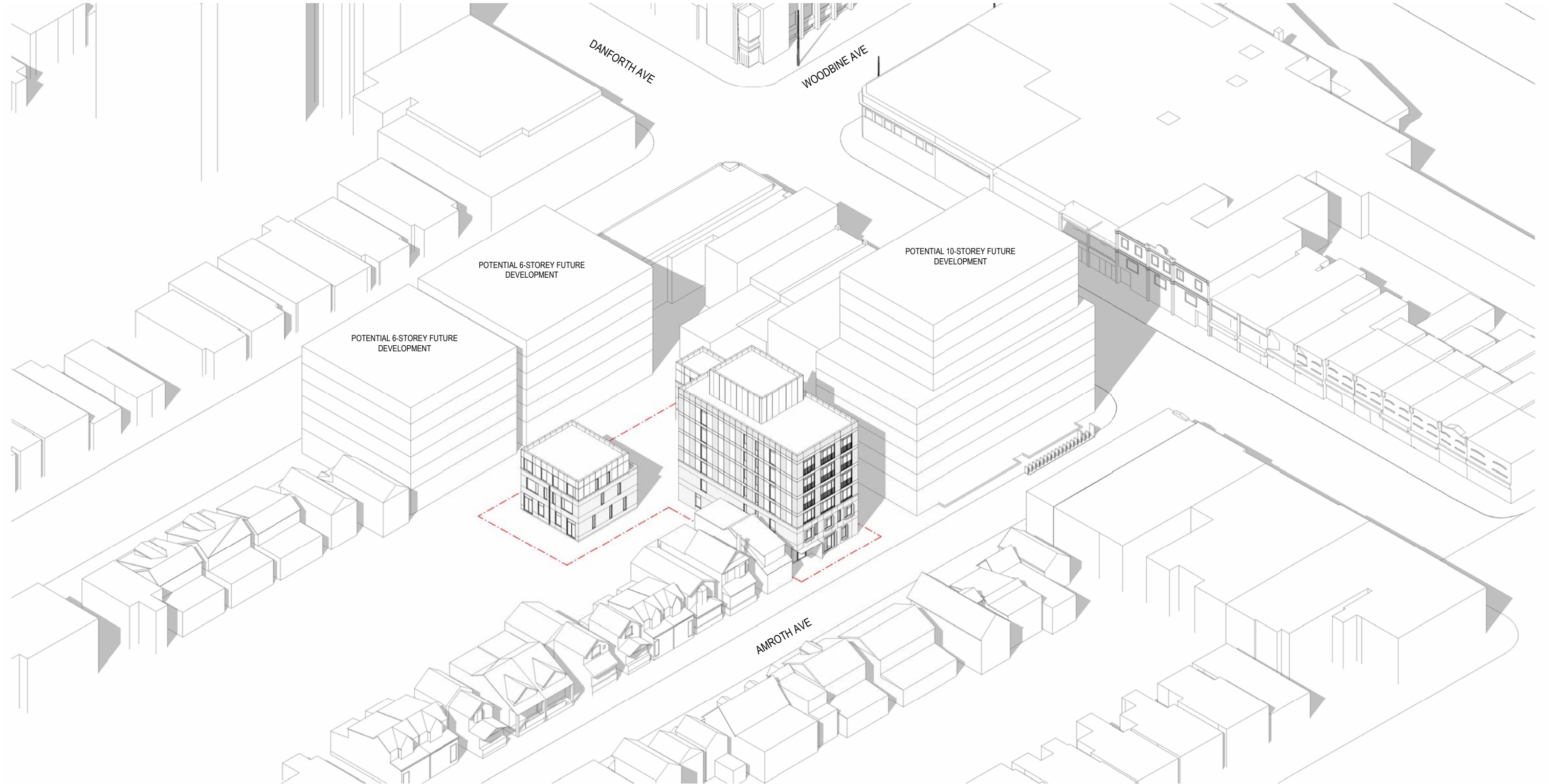


72 Amroth

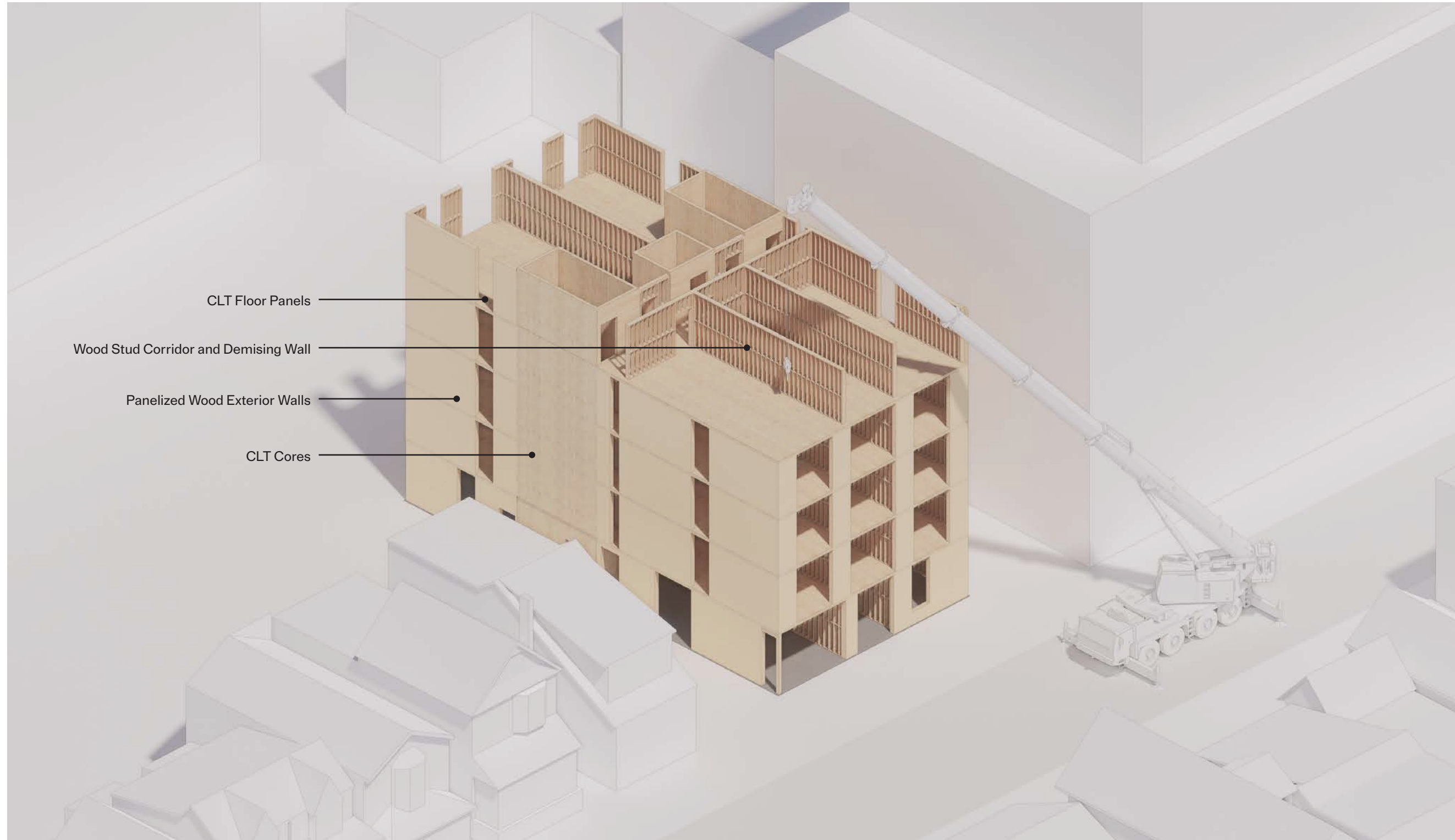
Mass Timber Study with Element5
December 2024





Subject development

Hybrid Wood Construction Option



CLT Floor Panels

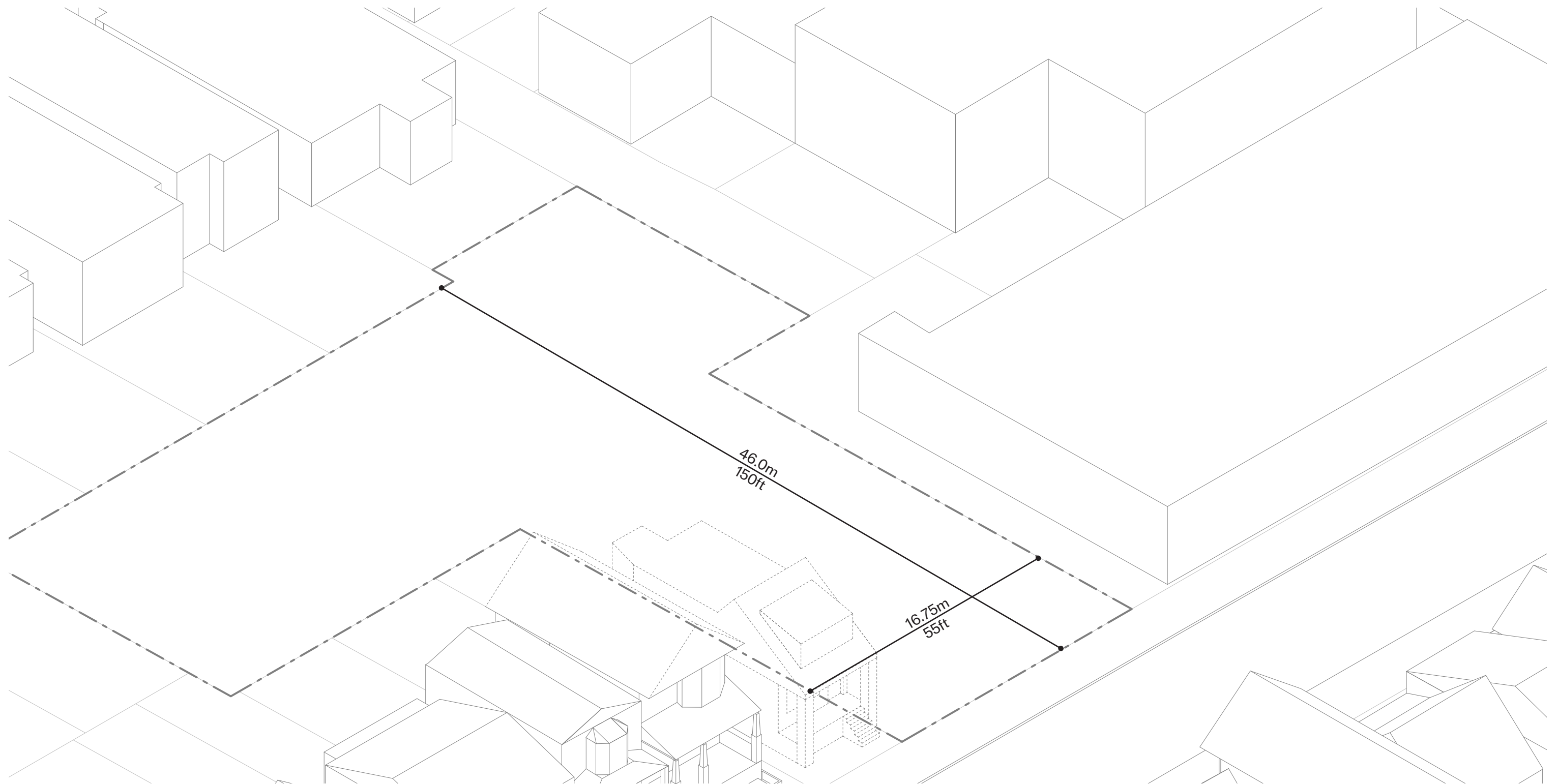
Wood Stud Corridor and Demising Wall

Panelized Wood Exterior Walls

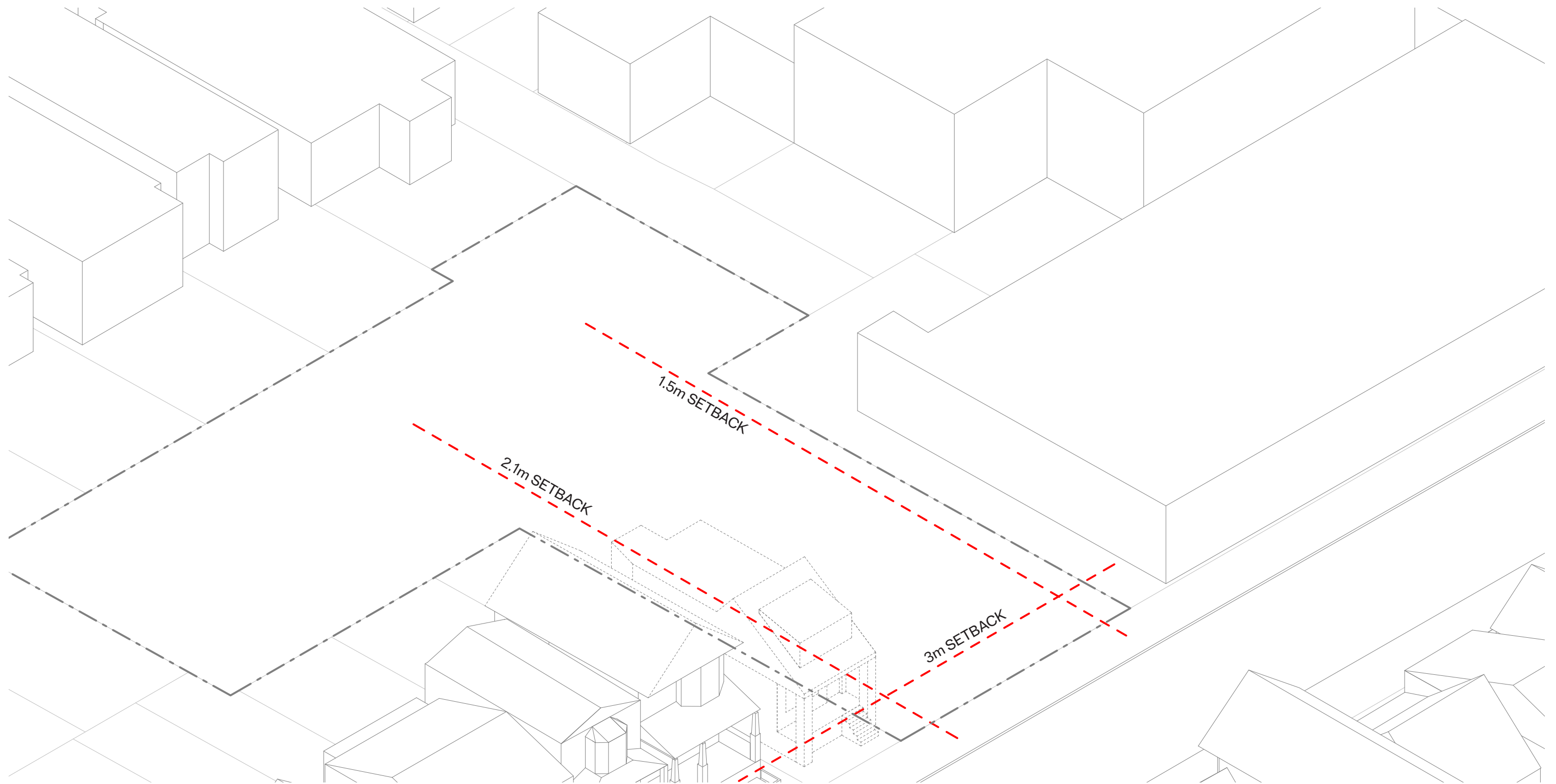
CLT Cores

Elements:

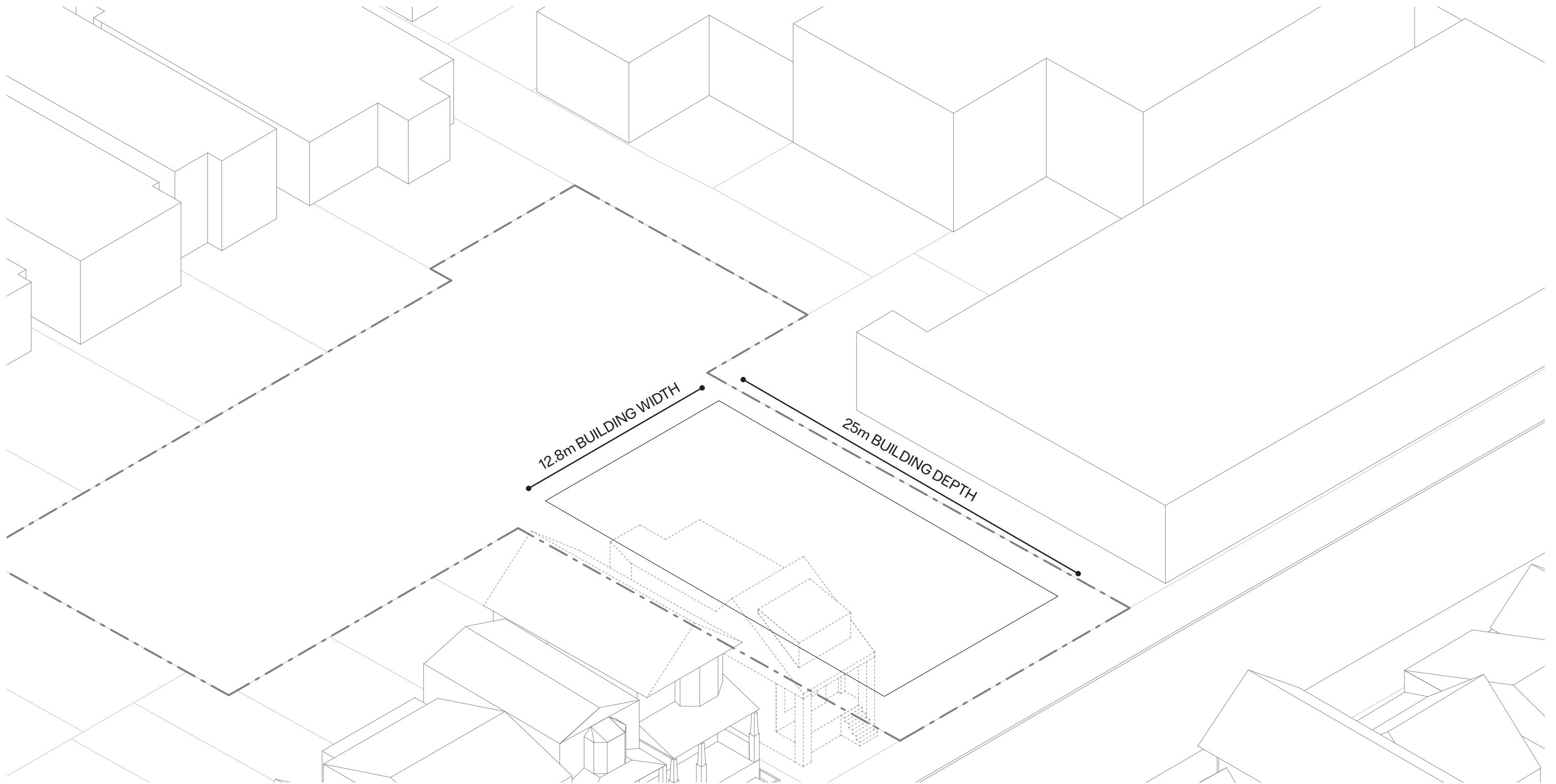
1. CLT Floor Panels
2. CLT Cores
3. Panelized Wood Stud Demising Walls
4. Panelized Wood Stud & Sheathing Exterior Walls
5. Built with 80-90 Ton Crane



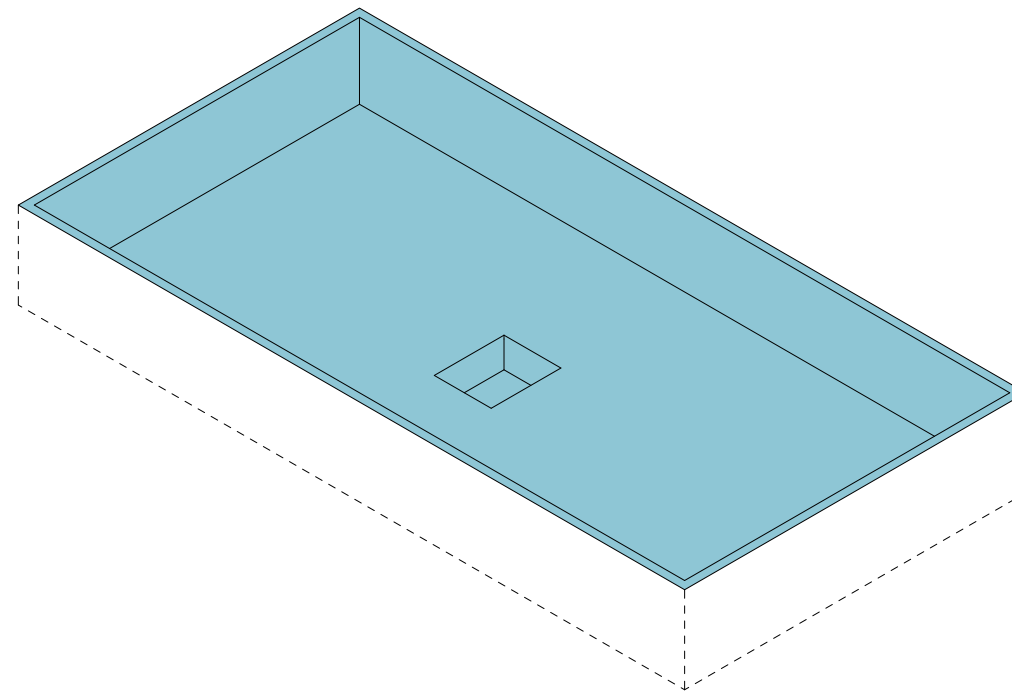
Site dimensions



Site setbacks

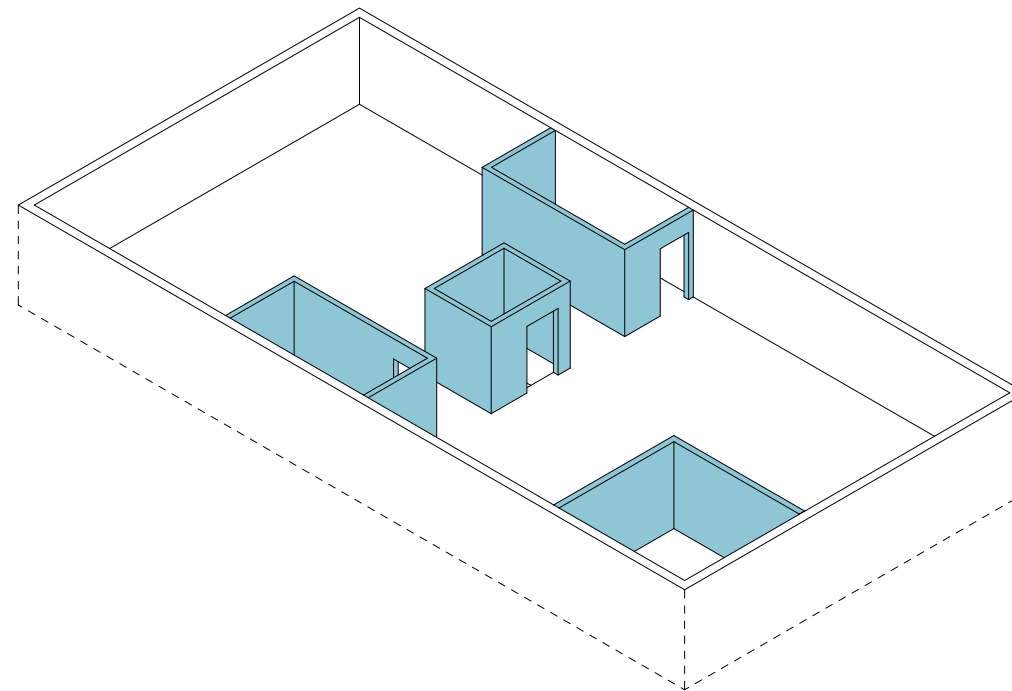


Building footprint



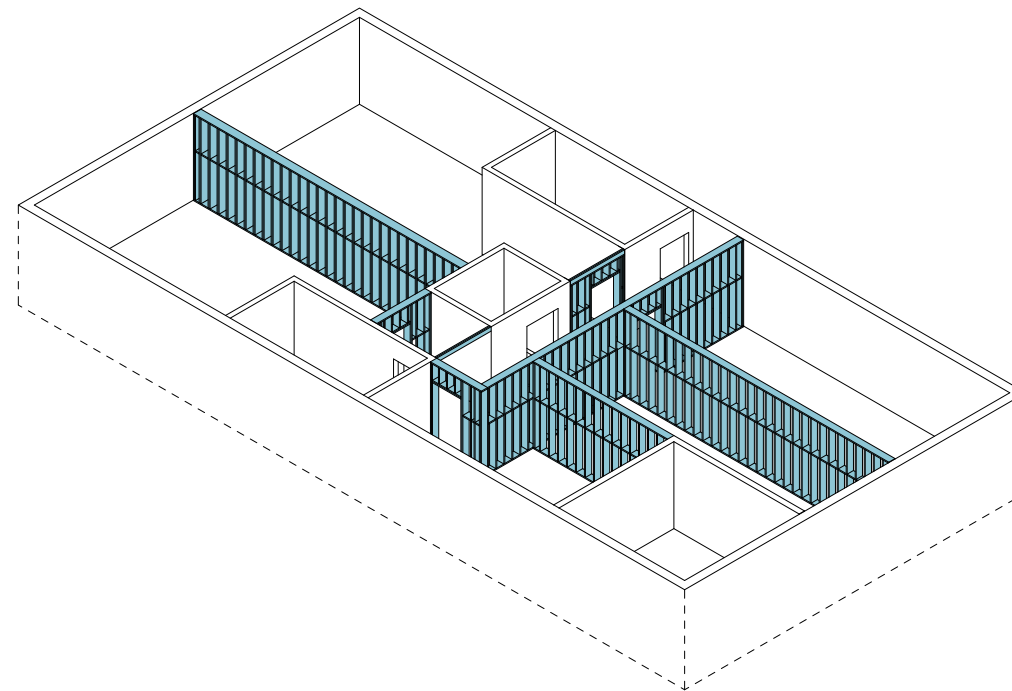
- Concrete foundation with elevator pit

Basement



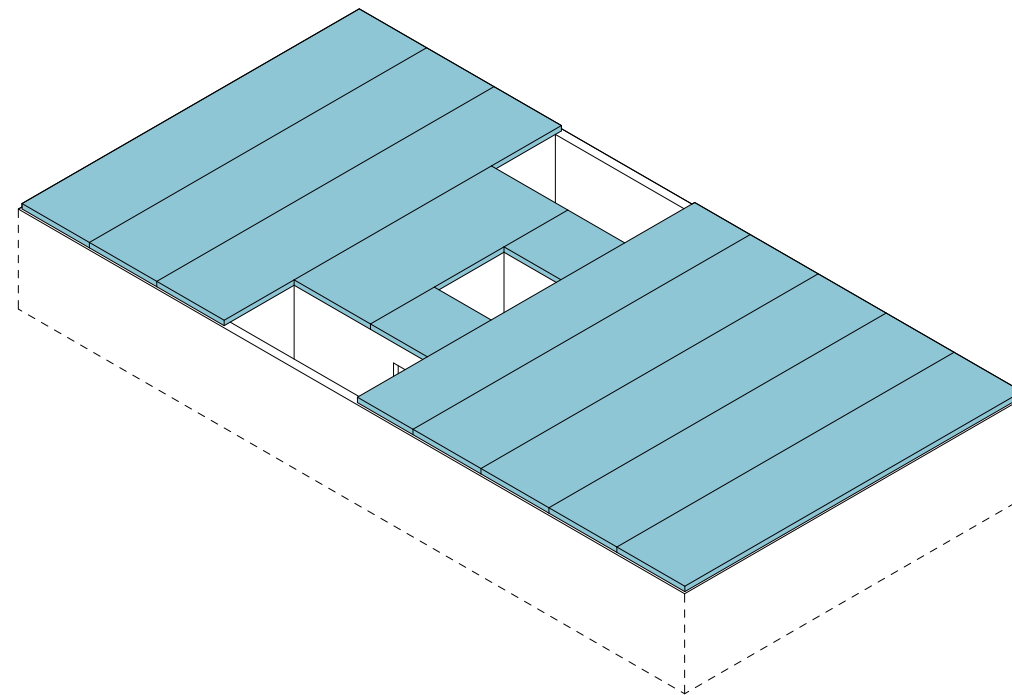
- Concrete core walls and stormwater tank

Basement



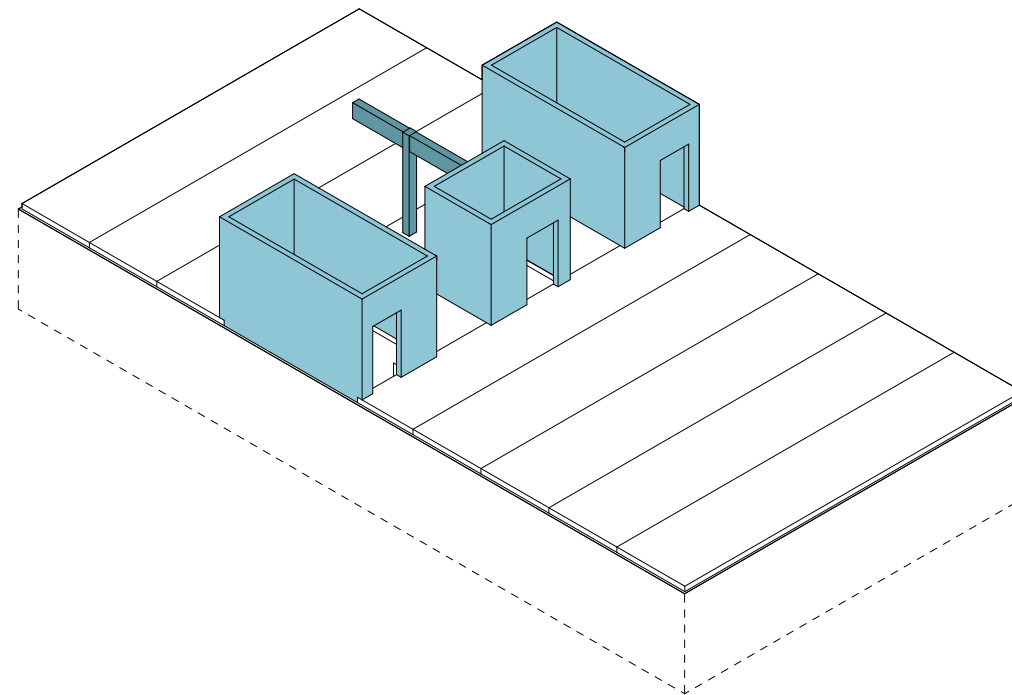
- Structural stud walls

Basement



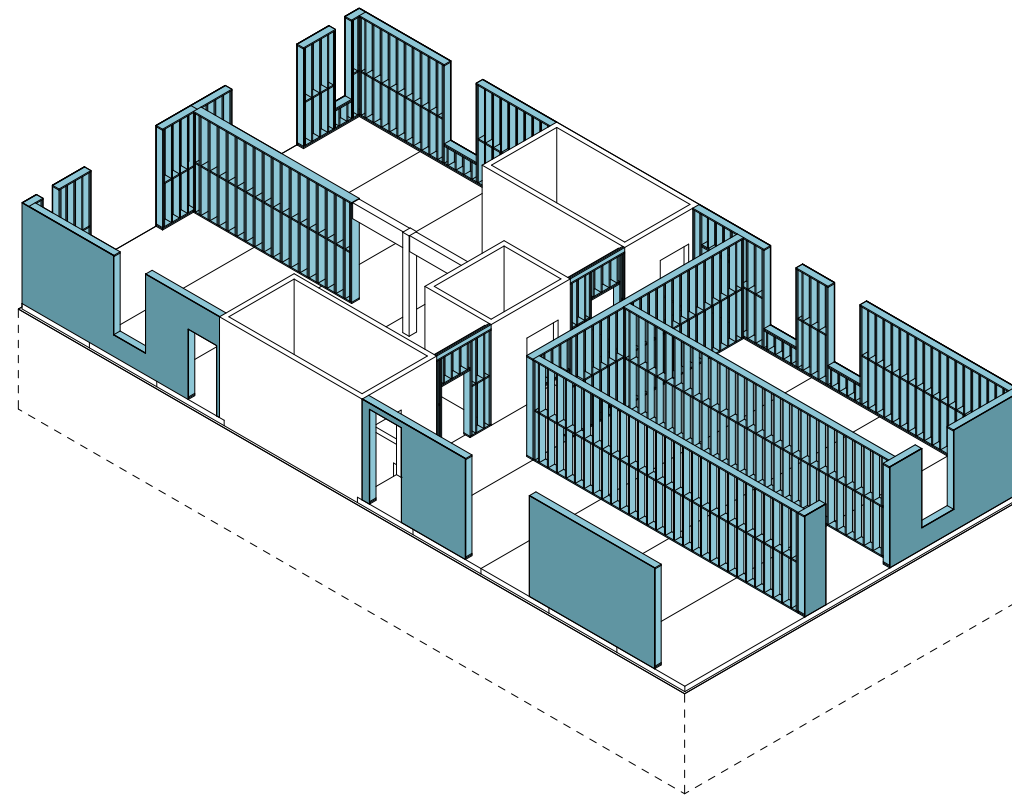
- 5-ply CLT floor panels

Ground floor



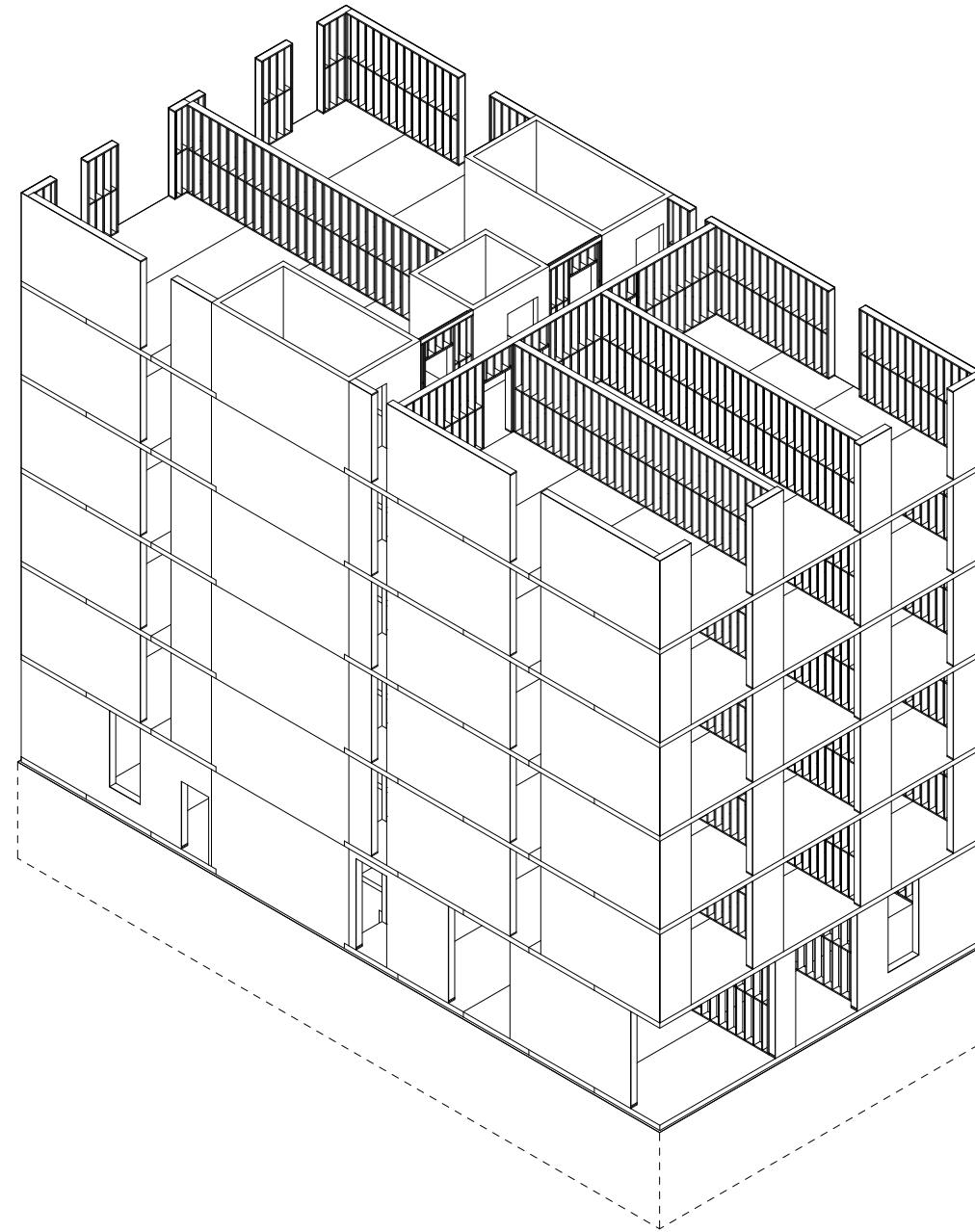
- 5-ply CLT core walls
- Glulam column and beams

Ground floor



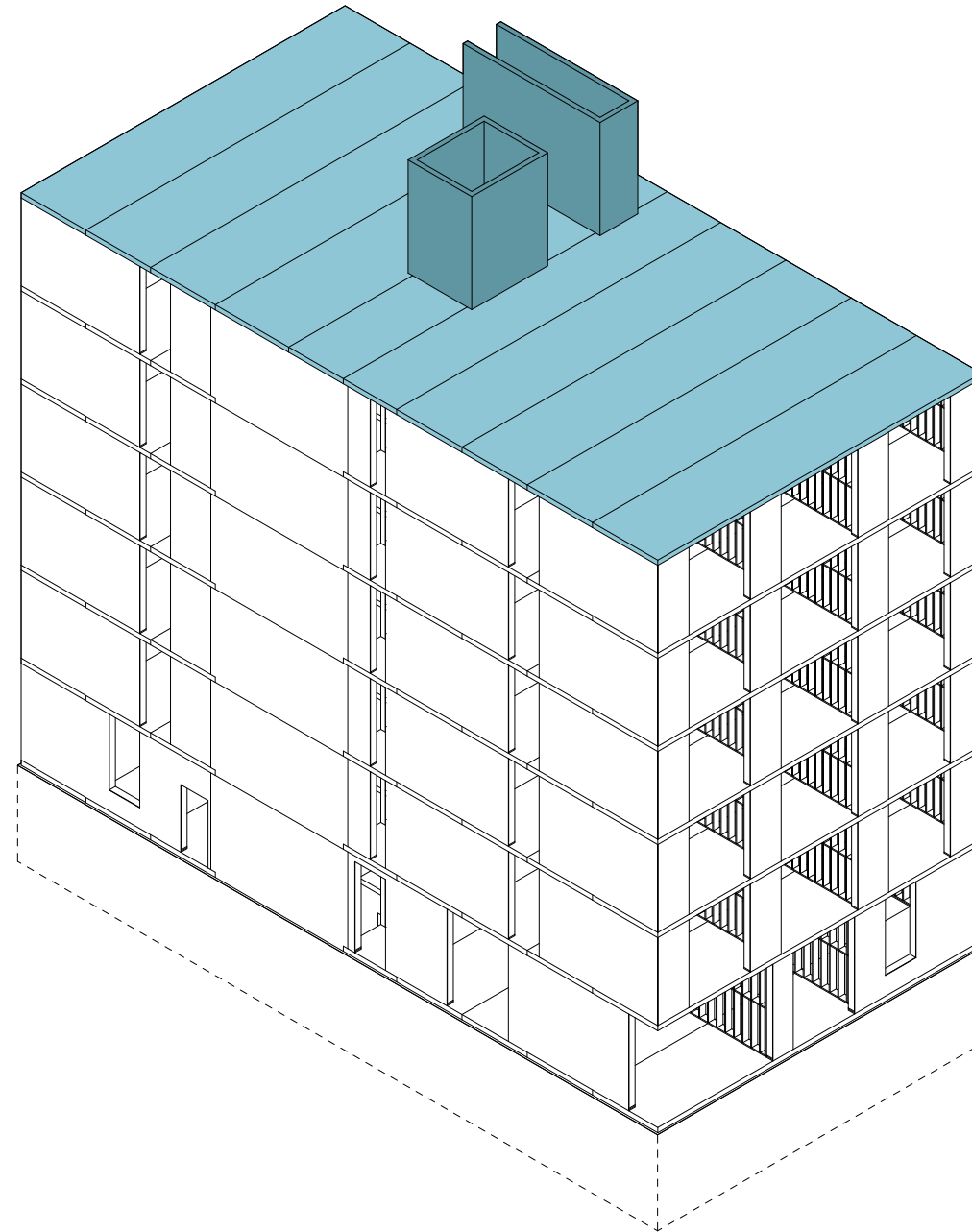
- Structural stud walls and exterior sheathing

Ground floor



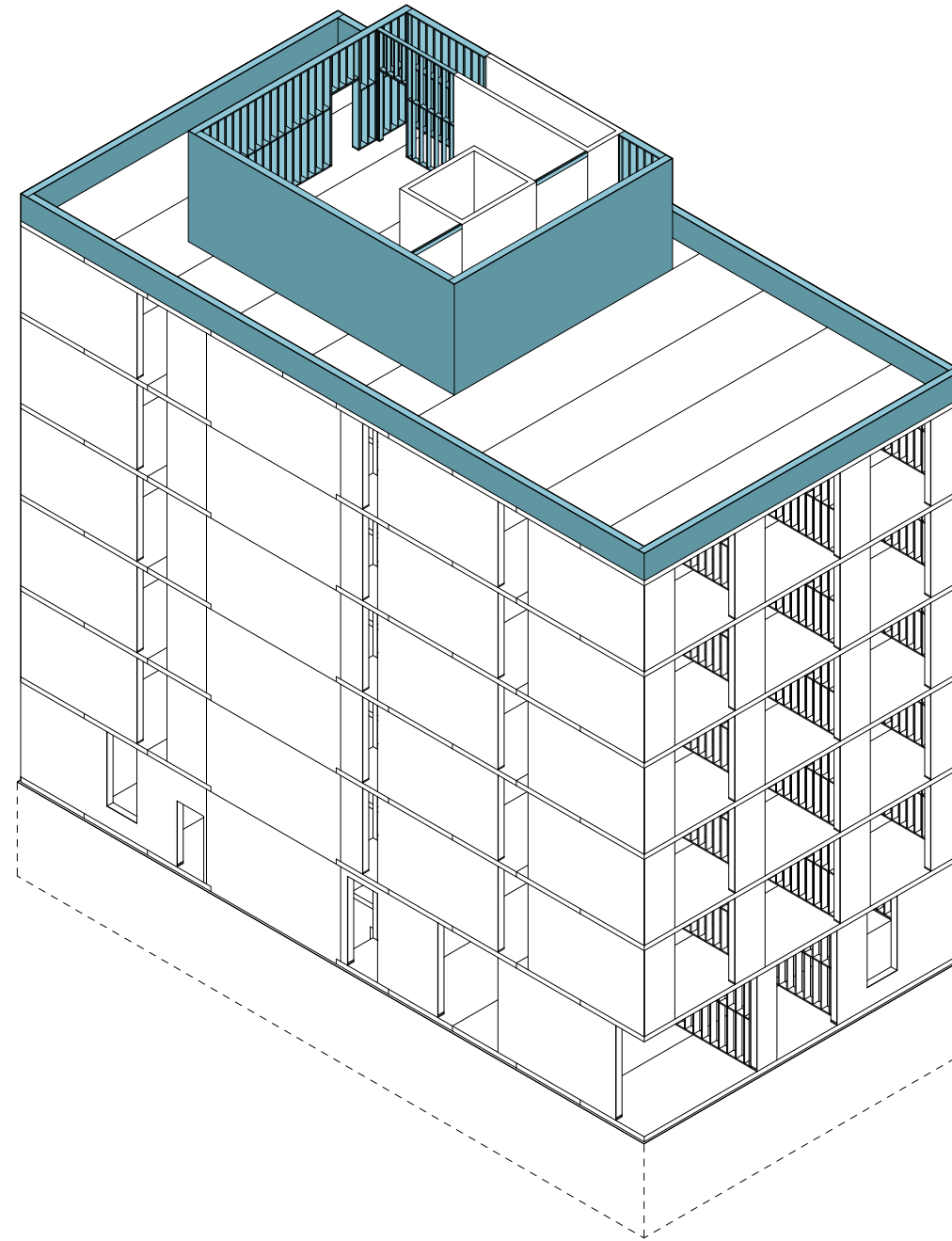
• Repeat

Levels 2-6



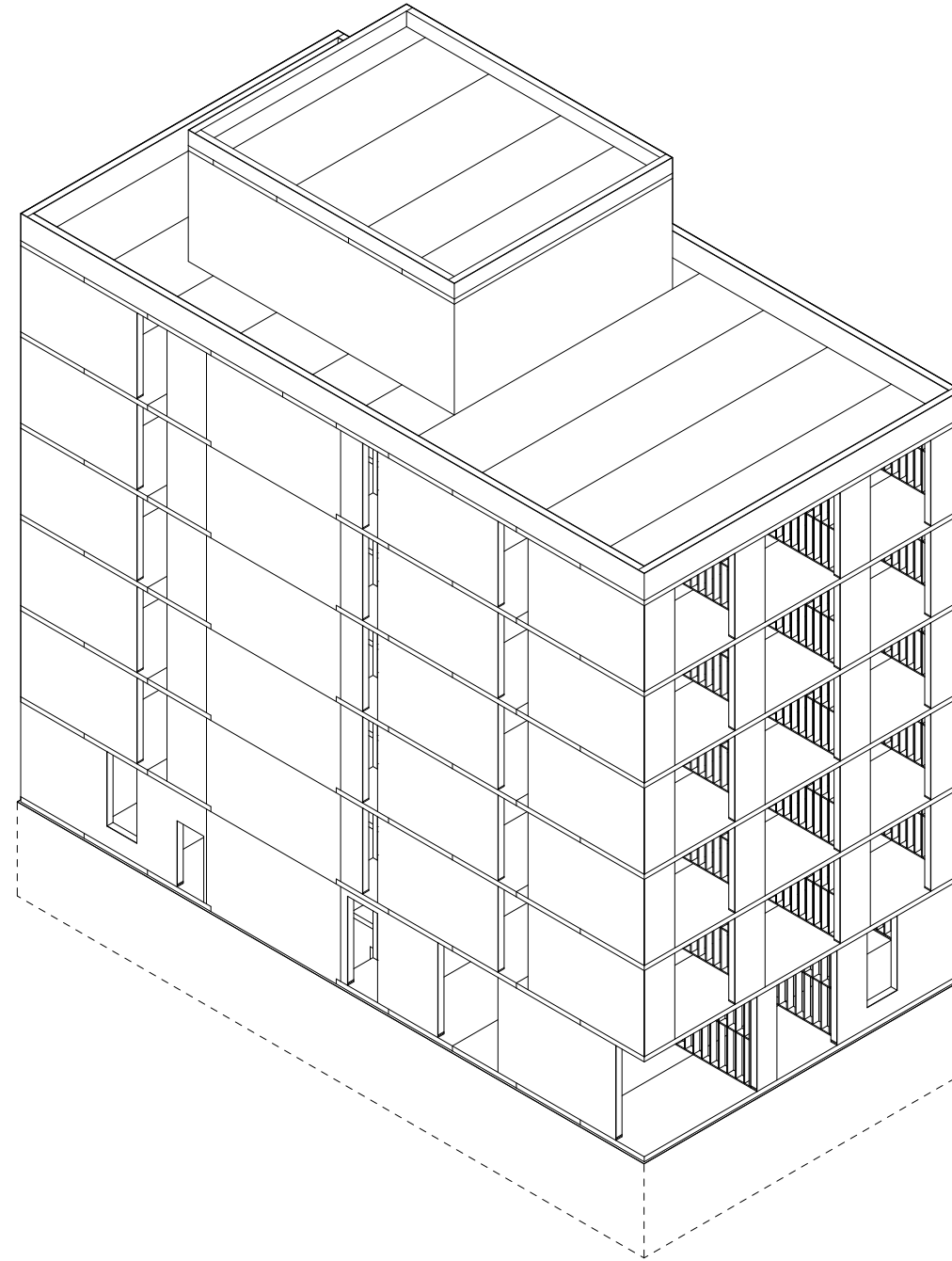
- 5-ply CLT roof panels
- 5-ply CLT core walls

Roof



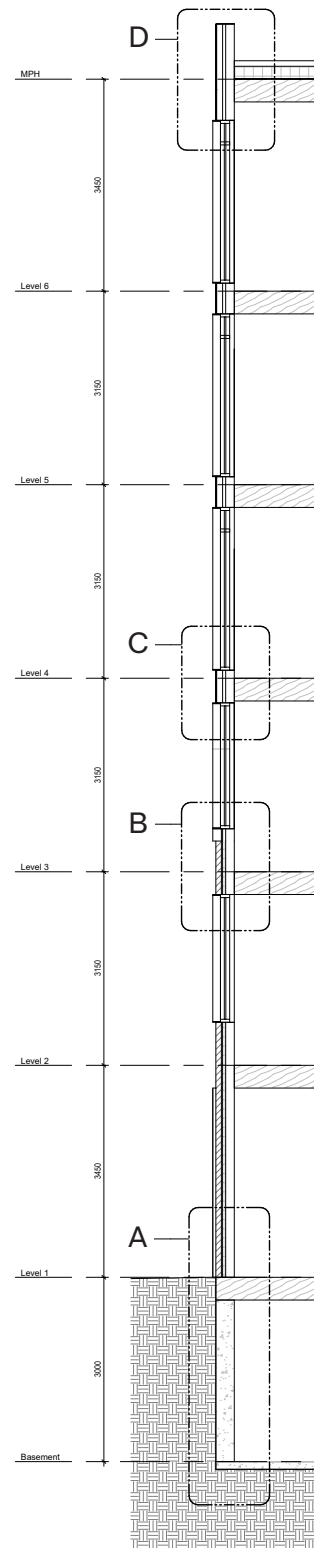
- Parapet stud walls and exterior sheathing
- Mechanical penthouse stud walls and exterior sheathing

Roof

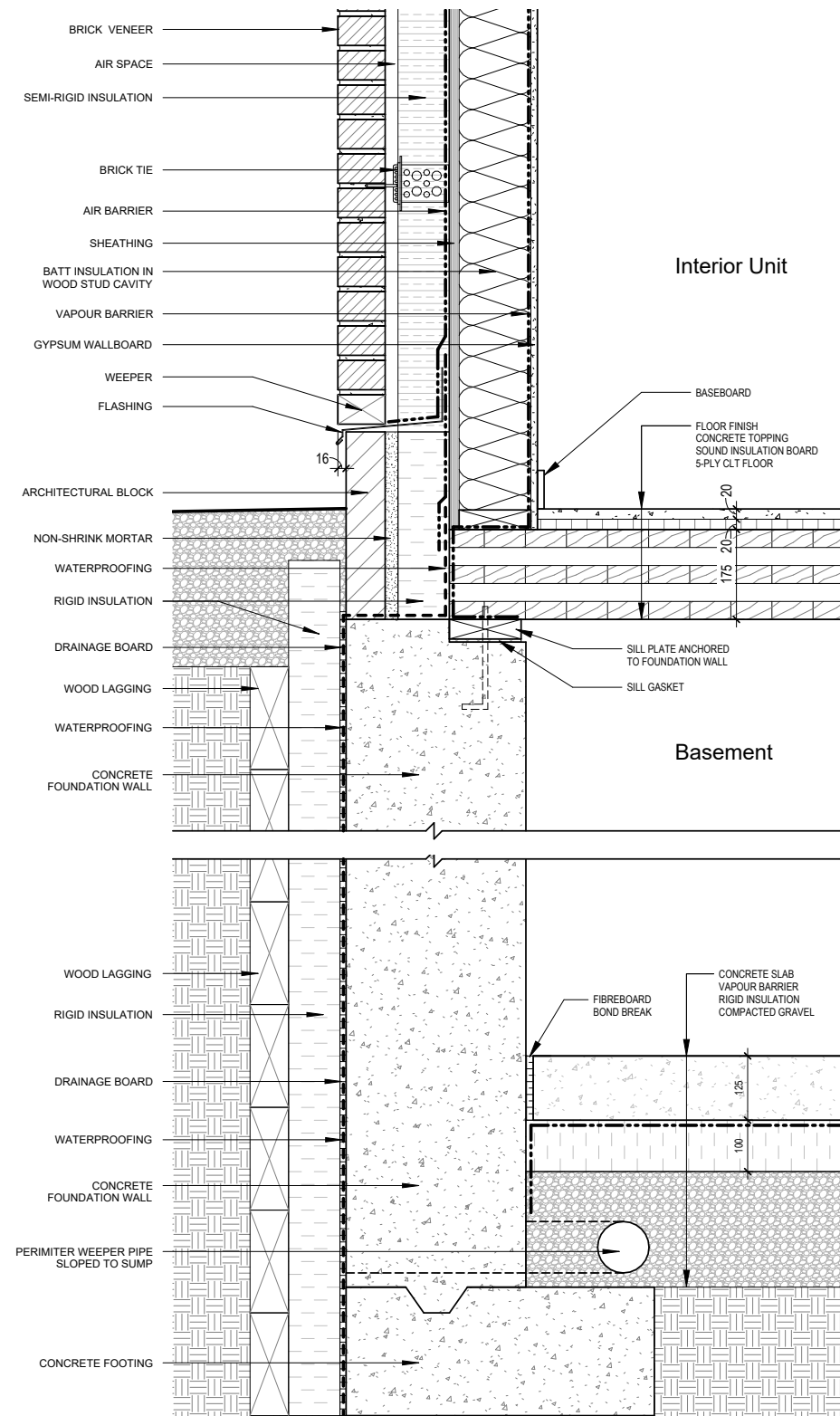


- Completed structure

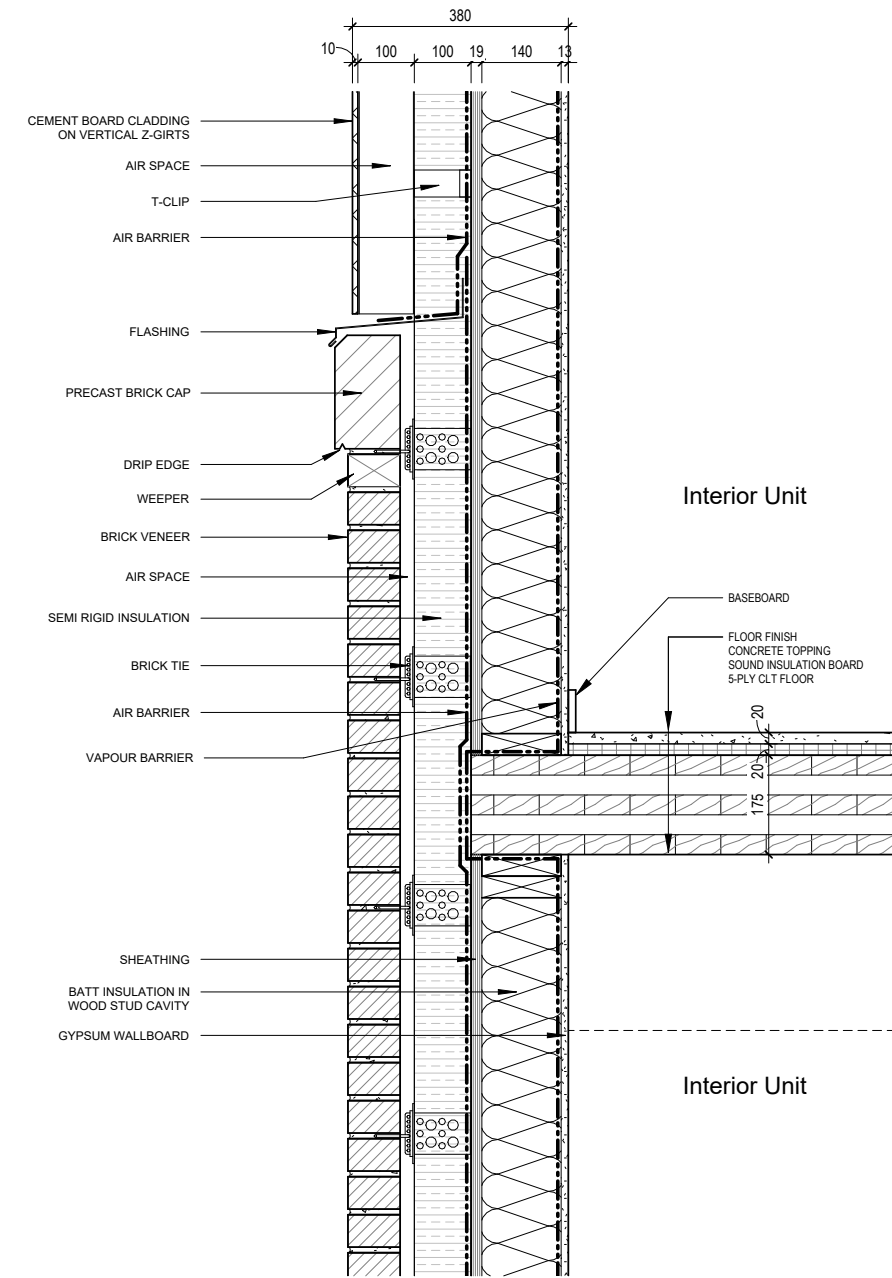
Section Details



Wall Section

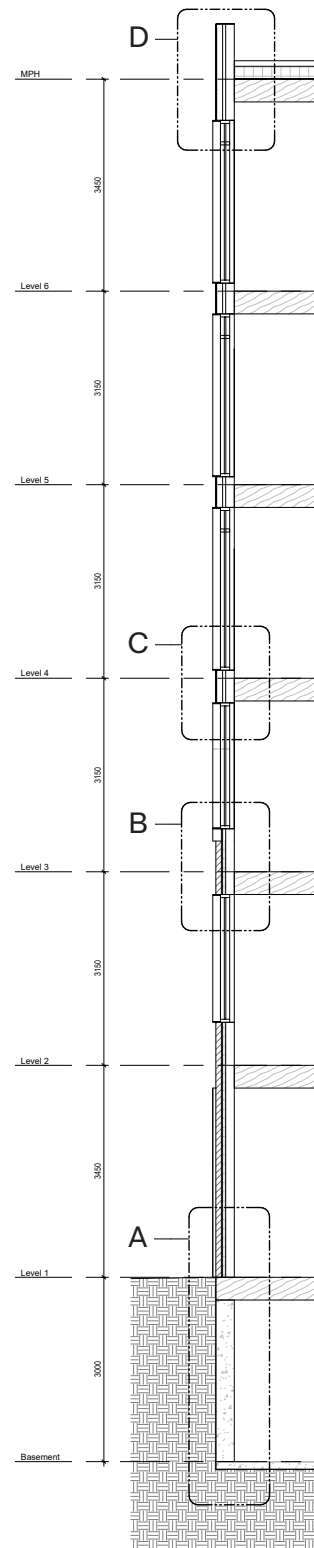


Detail A | Foundation Detail

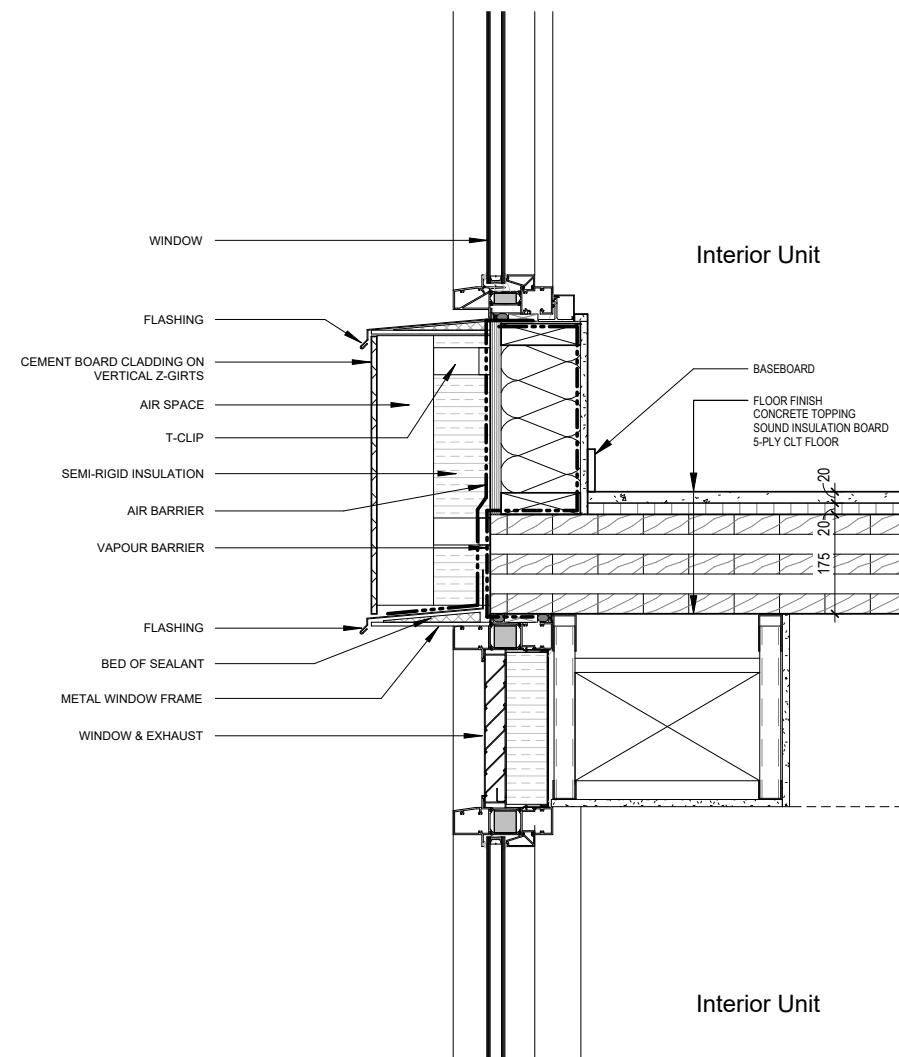


Detail B | Floor-Wall Detail

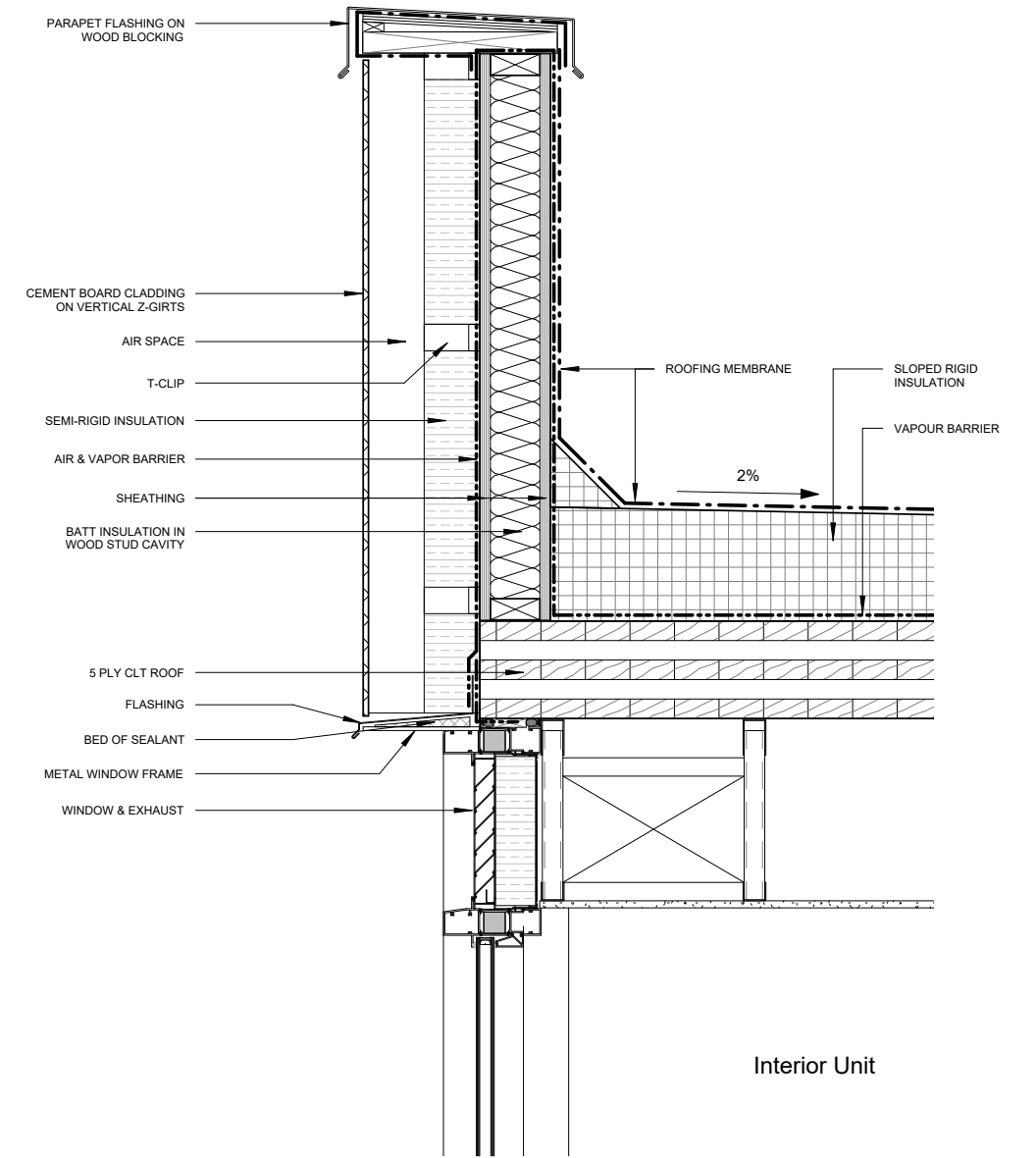
Section Details



Wall Section



Detail C | Floor-Window Detail



Detail D | Parapet Detail



Street view



Entry view



Courtyard view

