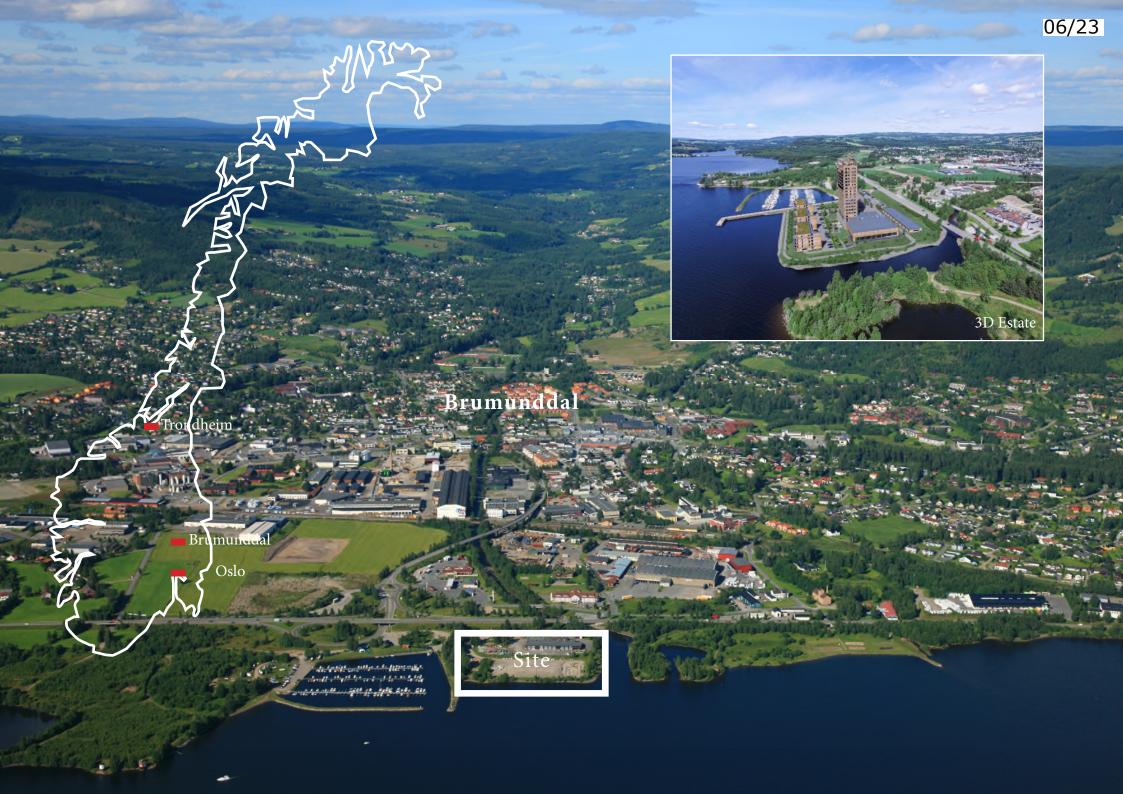


Photo: Woodify AS















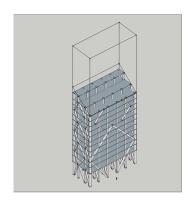


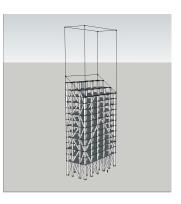


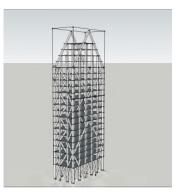


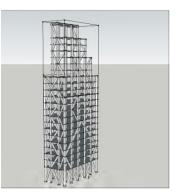


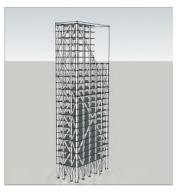


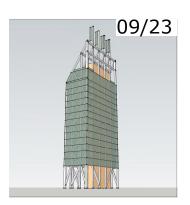
















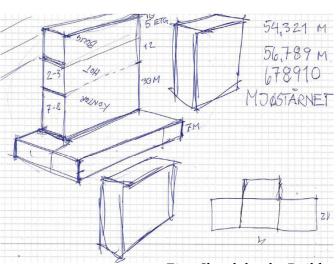












First Sketch by the Builder

Figures: Voll Arkitekter



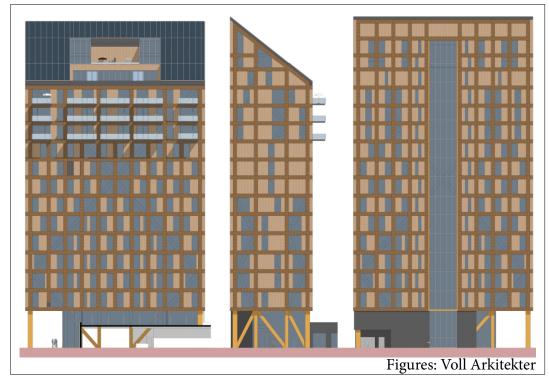




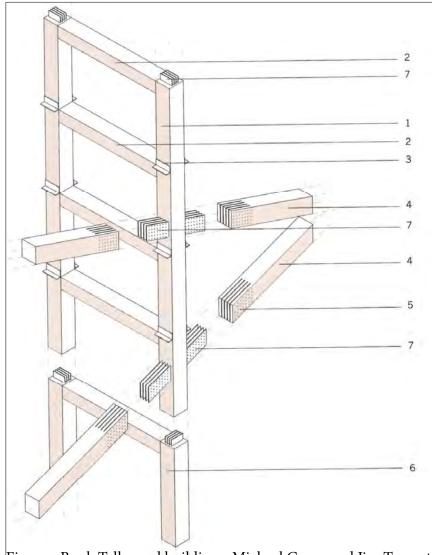








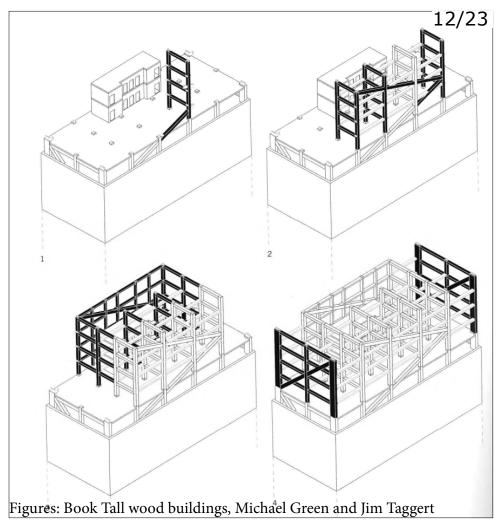




Figures: Book Tall wood buildings, Michael Green and Jim Taggert

The four-storey tall pre-assembled truss comprises the following components

- 1) Glulam column
- 2) Glulam beam
- 3) Steel angle
- 4) Glulam cross bracing
- 5) Dowels
- 6) Truss below
- 7) Slotted-in steel plates.



1) Depending on its location, the pre-assembled truss may include the glulam brace and beams. The truss is placed and connected to the truss below starting on the front side of the core.

- 2) More trussers are placed and the cross bracing is extended as each truss is added. Remaining beams continue to be installed between the trusses.
- 3) Trusses installed on the side and back of the cores
- 4) The trusses for the buildings two short sides are installed last.

4. Actual volumes of structural components

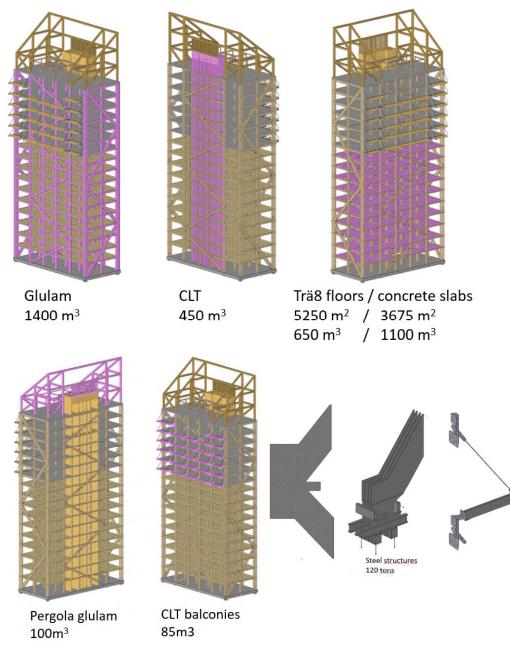


Figure 8 Highlighted volumes used in the building's structure.

Please note that timber volumes used in exterior wall elements are not included

Figures: Moelven Limtre









Figure 10 Step 1



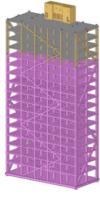


Figure 13 Step 4

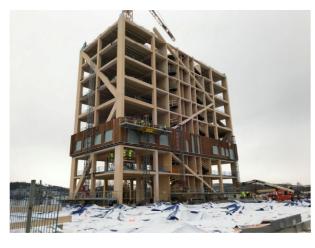




Figure 11 Step 2



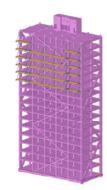


Figure 14 Step 5



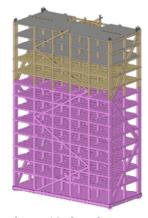


Figure 12 Step 3



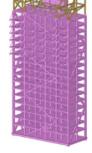


Figure 15 Step 6 Figures: Moelven Limtre Photos: Moelven Limtre





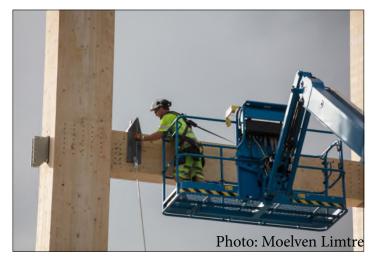
















- Prefabricated elements
- Fire impregnated cladding
- Fire impregnated structural timber
- Non combustible insulation
- Cavity valves i the floor divisions.









