

Municipal forestry workshop, 2005

Address: 7107 Safien-Platz, Switzerland. **Client:** Municipality of Safien and Tenna. **Gross floor area:** 2,151 m². **Materials:** sawn timber, certified from native wood.

Native wood, locally processed

ARCHITECTS: Architekturbüro Robert Albertin

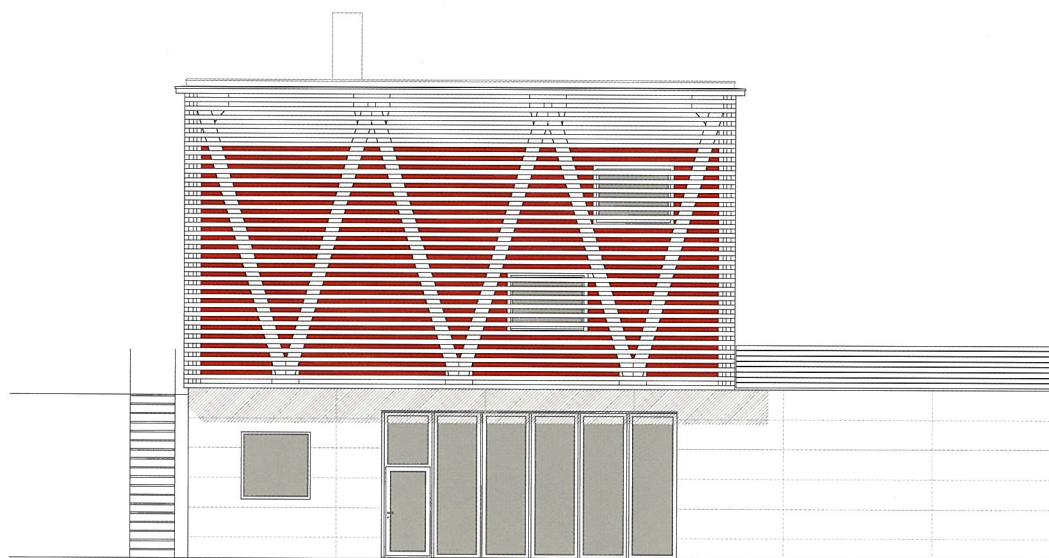


The Safien Valley is an idyllic yet remote region that is largely devoted to agriculture. The new forestry workshop was built exclusively with solid, FSC-certified timber. Furthermore, the workshop and surrounding buildings are heated by means of a modern wood chip furnace. Timber felled during essential forest maintenance can thus be processed locally, setting an example for the region and beyond. The building is located within a Class II danger zone for avalanches, leading the architects to take special precautions in the construction. The self-supporting hall is characterized by its V-shape supports, which are not only aesthetically appealing, but also serve a vital structural function. The interplay of two systems – the lattice-like support structure of the enclosing walls and the flat panel roof – helps to absorb high dynamic pressure caused by wind from an avalanche, and adds to the overall stability of the building. For fire safety reasons, the elevated basement and the silo for the wood chip furnace were built in reinforced concrete.





04



01 Inside-outside view 02 Detail
03 Exterior view from northeast 04
Elevation façade 05 Floor plans 06
Total view

05

