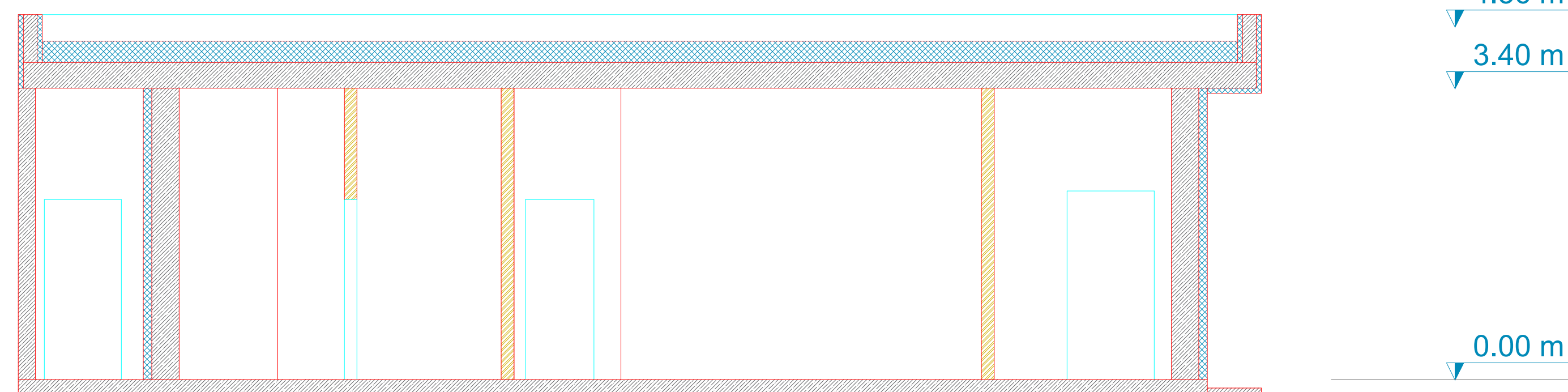


Sezione A-A



PROSPETTI_scala 1:50

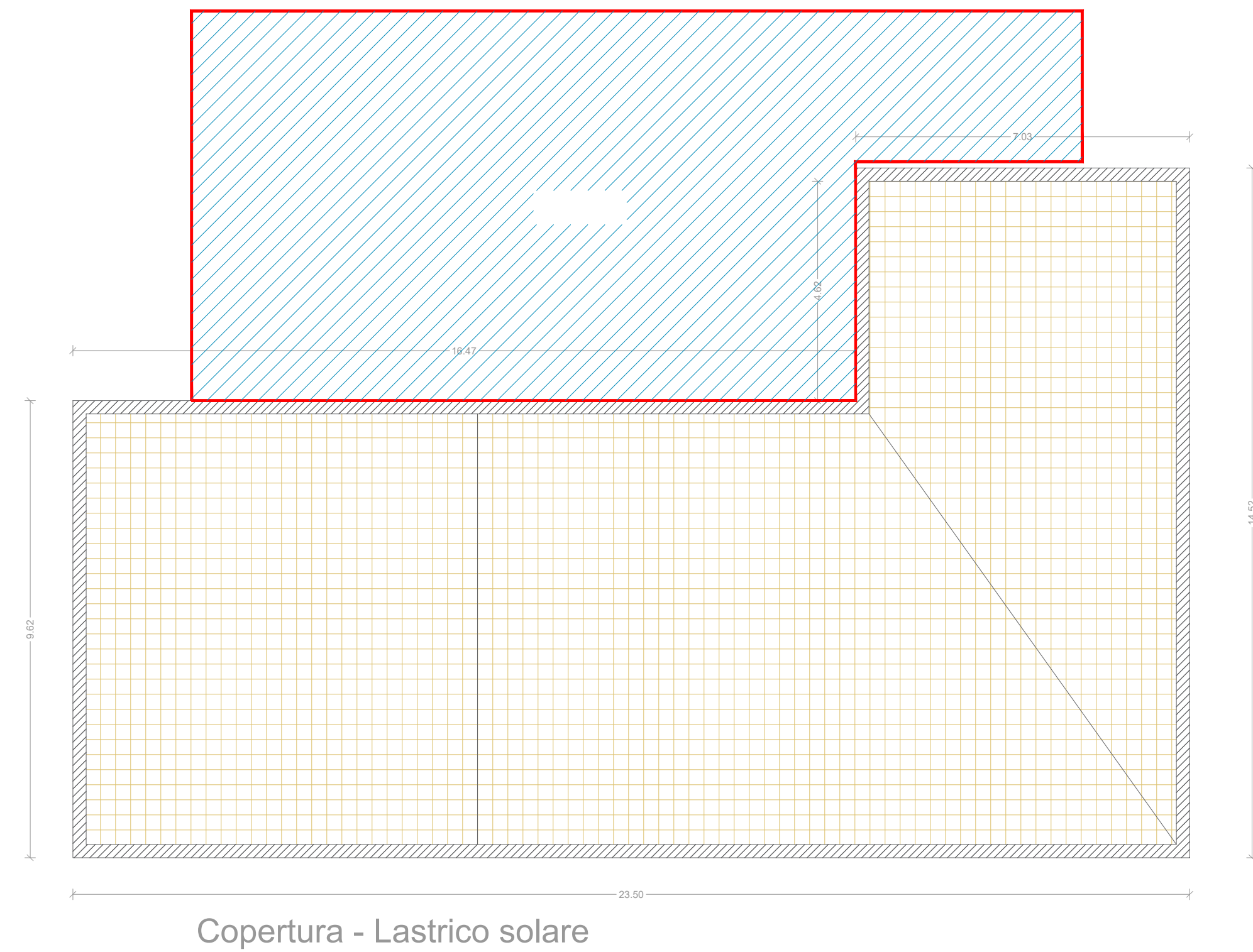


Diagram illustrating the cross-section of a building's exterior wall and floor assembly, showing the integration of a heating system with air outlets.

Labels and Components:

- Cappotto termico EPS grafitato cond. termica 0.031 W/mk spessore 100mm**: Thermal insulation (EPS) with a thermal conductivity of 0.031 W/mk and a thickness of 100mm.
- Bocca di presa o di uscita aria**: Air intake or outlet port.
- Intonaco a base di vermiculite 1cm**: 1cm thick plaster based on vermiculite.
- Blocco di laterizio termico 25x25x30**: Thermal brick block (25x25x30 cm).
- Magrone**: A metal bracket or support element.
- Trave di fondazione**: Foundation beam.
- Pavimento in gres 1,5cm**: 1.5cm thick tile floor.
- Massetto porta impianti e massetto posa pavimentazione 12 cm**: 12cm thick concrete slab for plant support and paving.
- Pannello XPS 300kpa 12cm**: 12cm thick XPS insulation panel with 300kPa strength.
- Freno a Vapore 0,4 cm**: 0.4cm thick vapor barrier.
- Massetto di livellamento 2cm**: 2cm thick leveling concrete slab.
- Caldana Armata da 5cm**: 5cm thick reinforced concrete heating tank.
- IGLU' con getto di riempimento piedini H 40cm**: Insulated air outlets (IGLU) with a 40cm high filling foot.
- CLS Magro di appoggio 10cm**: 10cm thick lean concrete support layer.

PARTELLONE LASTRICO SOLARE E PONTE TERMICO AGGETTO/VELETTA

The diagram illustrates the construction of a solar panel support structure, showing the internal layers and thermal bridge details. The structure is divided into an 'Interno' (Internal) section and an 'Esterno' (External) section. The internal section consists of a concrete slab (strato) with a double-layered bituminous membrane (membrana bituminosa) and a double-layered EPS (EPS graffiato cond.) insulation. The external section consists of a concrete slab (strato) with a double-layered bituminous membrane (membrana bituminosa) and a double-layered EPS (EPS graffiato cond.) insulation. The thermal bridge details are shown in the center, where the internal and external sections meet. The details include a concrete slab (strato) with a double-layered bituminous membrane (membrana bituminosa) and a double-layered EPS (EPS graffiato cond.) insulation. The thermal bridge details are shown in the center, where the internal and external sections meet. The details include a concrete slab (strato) with a double-layered bituminous membrane (membrana bituminosa) and a double-layered EPS (EPS graffiato cond.) insulation.

Massetto a pendenza in perlitte espanso armato con rete elettropuntata Ø 5 maglia 20x20 cm spessore medio 120mm

Membrana bituminosa doppio strato: 1° strato (sacrificale) tipo Idex Tecnoflux Poliestere sp 4mm. Flessione a freddo -10 C°; 2° strato (a vista) tipo Idex Tecnoflux Poliestere posata a giunti sfalsati, 4mm flessione a freddo -10 C°, finitura superficiale con vernice riflettente.

Strato separatore Polietilene Estruso spessore 0.25mm

Pannello Colante tipo XPS Styrodur 3035 Cs 350Ka 0.033W/mK spessore 120mm

Barriera al Vapore tipo Index Delfend Alu/V spessore 2mm

Scossalina in lamiera zincata elettrocolorata sp 0.8mm Sviluppo 50cm

Strato

Interno

Esterno

Cappotto - Isolamento ponte termico EPS graffiato cond. termica 0.031 W/mK spessore 60mm

Cappotto termico EPS graffiato cond. termica 0.031 W/mK spessore 100mm

Blocco di laterizio termico a fori orizzontali 25Lx30Sx25H

PARTICOLARE TRAMEZZATURE INTERNE

