



The building retrofit with aluminium: opportunities of the post-pandemic plans

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SUSTAINABLE
DEVELOPMENT

GOALS



BeTOP - Building efficiency: Testing, Operation and Performance



Buildings and SDG: energy, quality and history



Scope of the talk

- The use of aluminium extrusions in projects aimed at preserving heritage sites.
- The aesthetic properties of aluminium that help highlight the link between architectural epochs and styles.
- Modern aluminium solutions in the construction of high-tech energy-efficient buildings as part of the renovation program in Russia.



The case study



The case study



The architectural quality





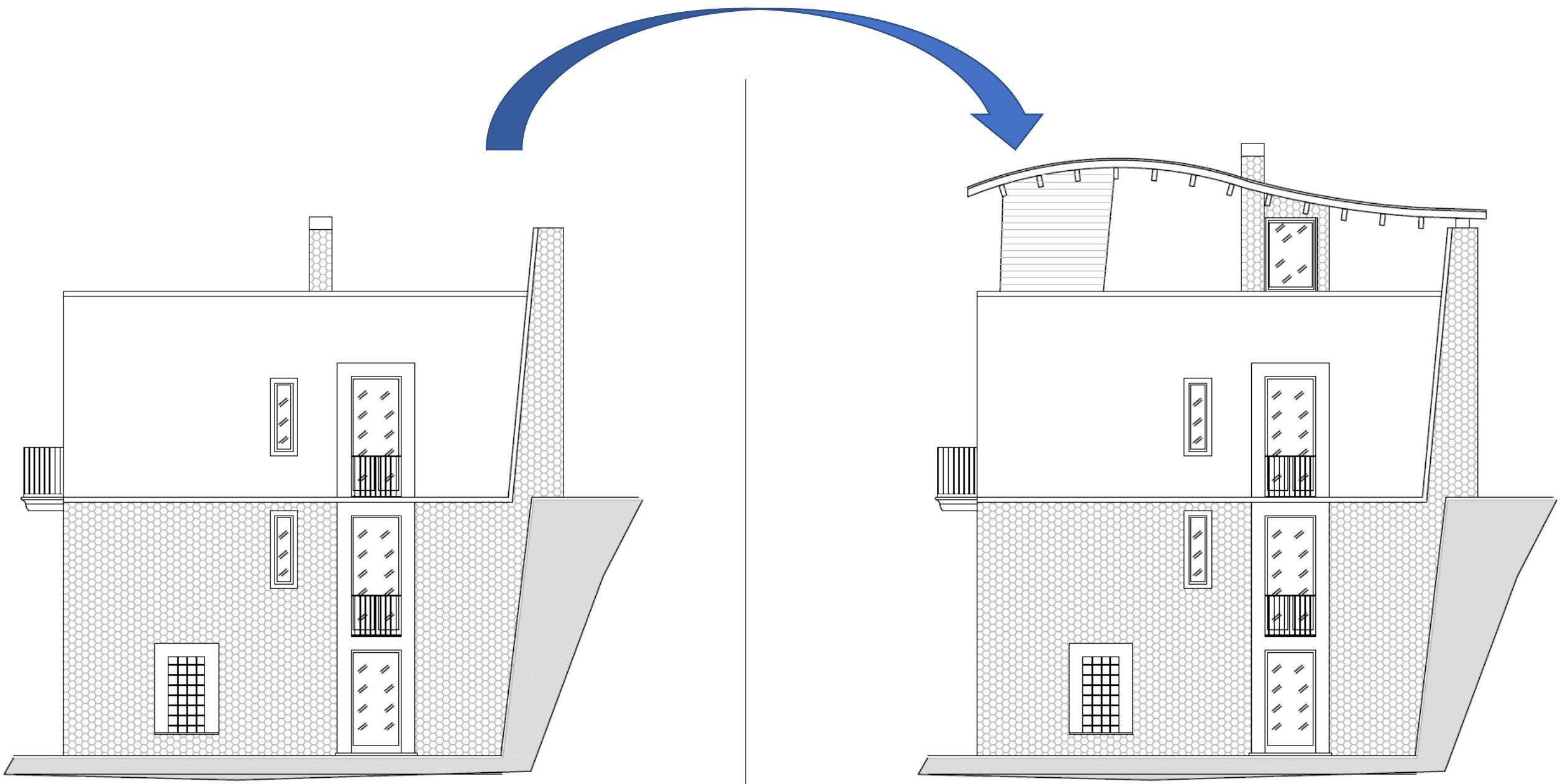
The roof



A pattern to harmonize to the historic context









Dr. Berard (Ryerson) - 21.09.21 - AlumForum 2021





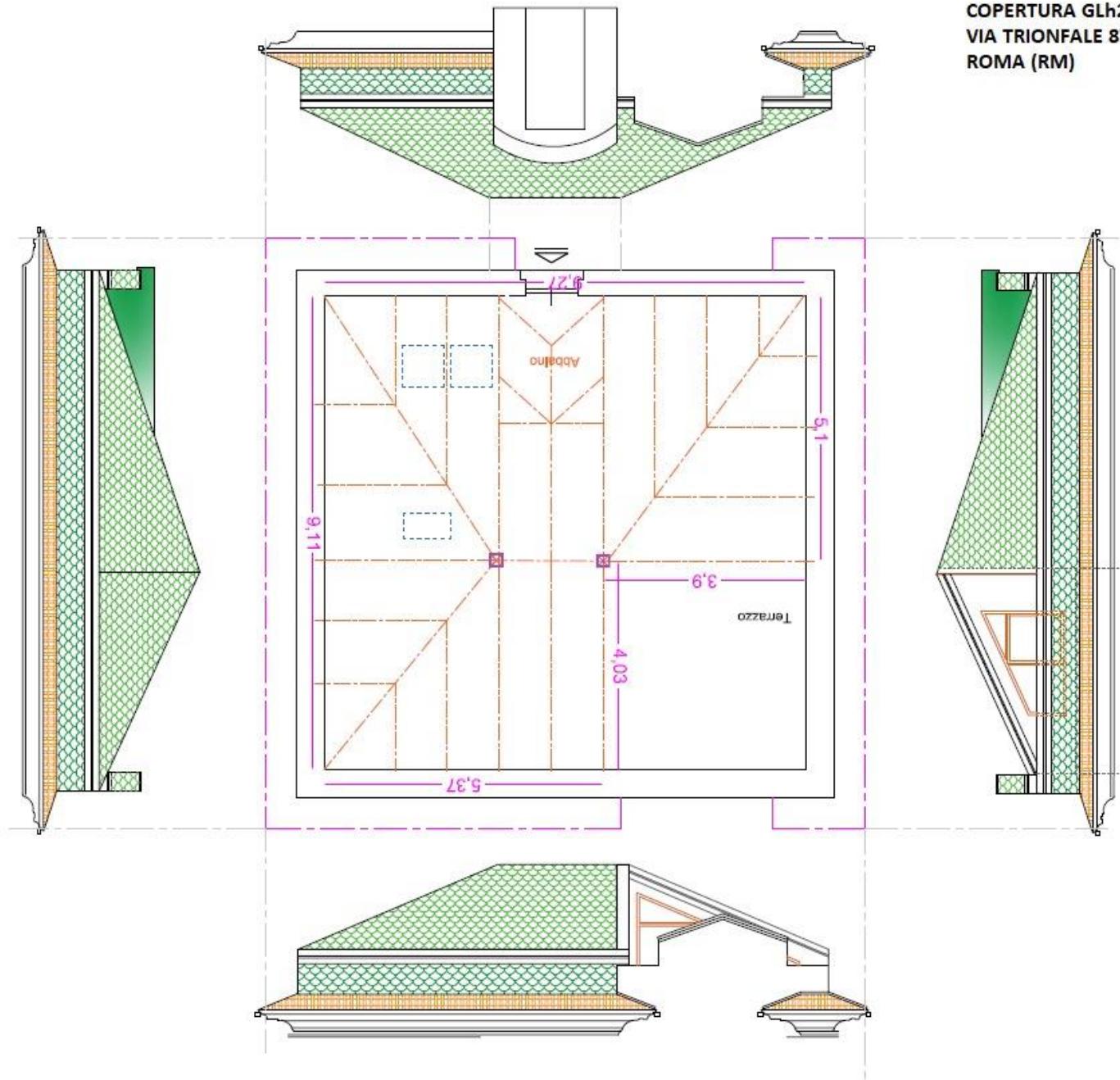


A new project





COPERTURA GLh28
VIA TRIONFALE 8780
ROMA (RM)





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Thanks for your attention

A wide-angle photograph of a building's roof covered in solar panels. The panels are arranged in a grid pattern and have various colors, including shades of green, brown, and grey. In the upper right corner of the roof, there is a tall, white, cylindrical chimney. The background features a range of mountains under a sky filled with white and grey clouds.