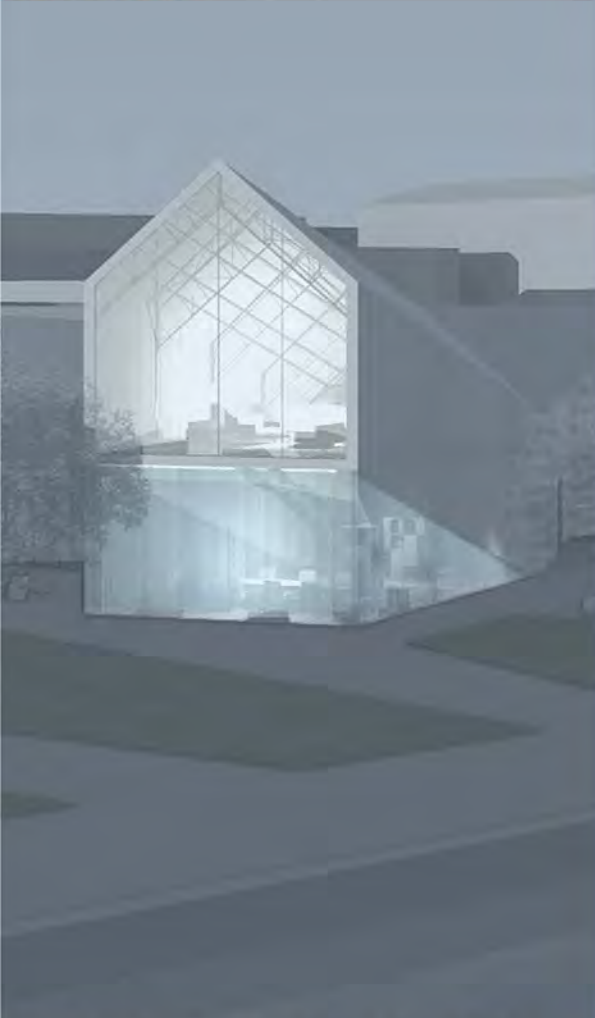
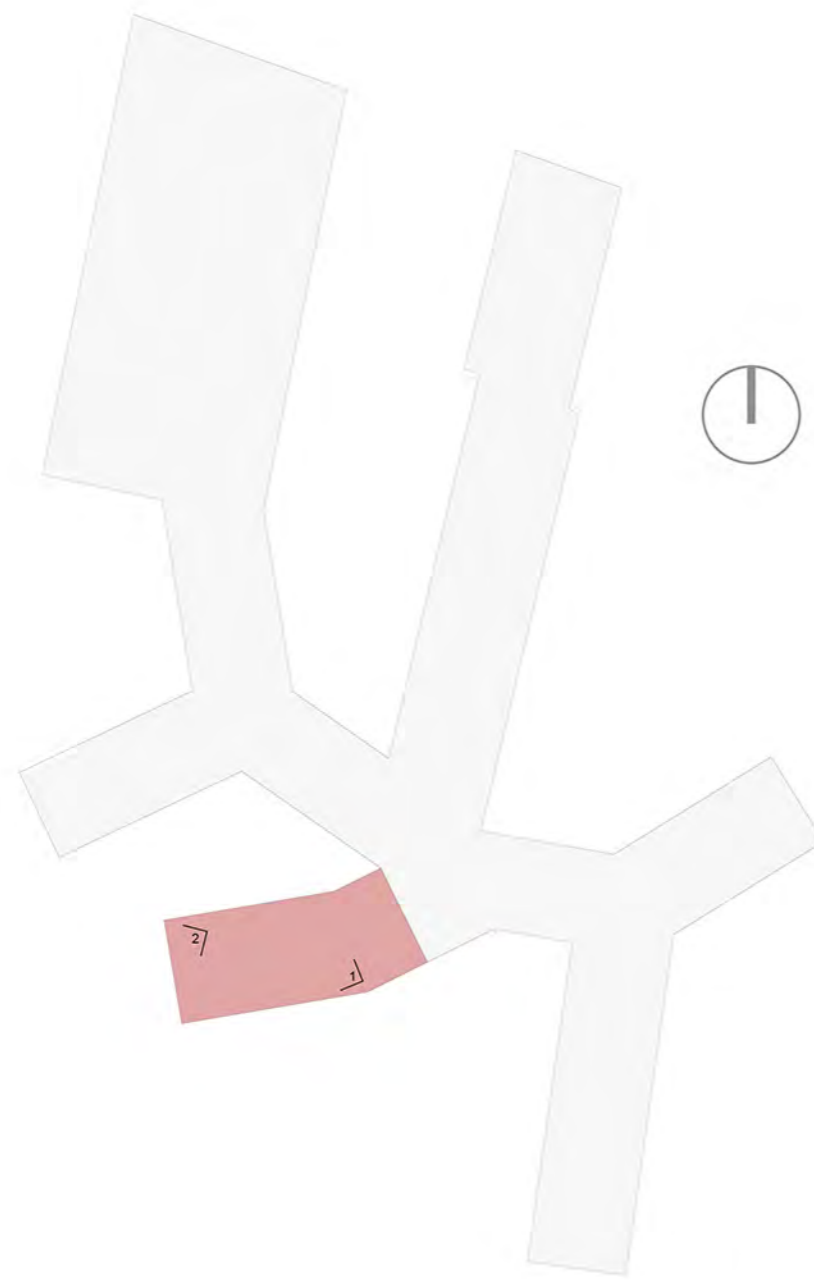




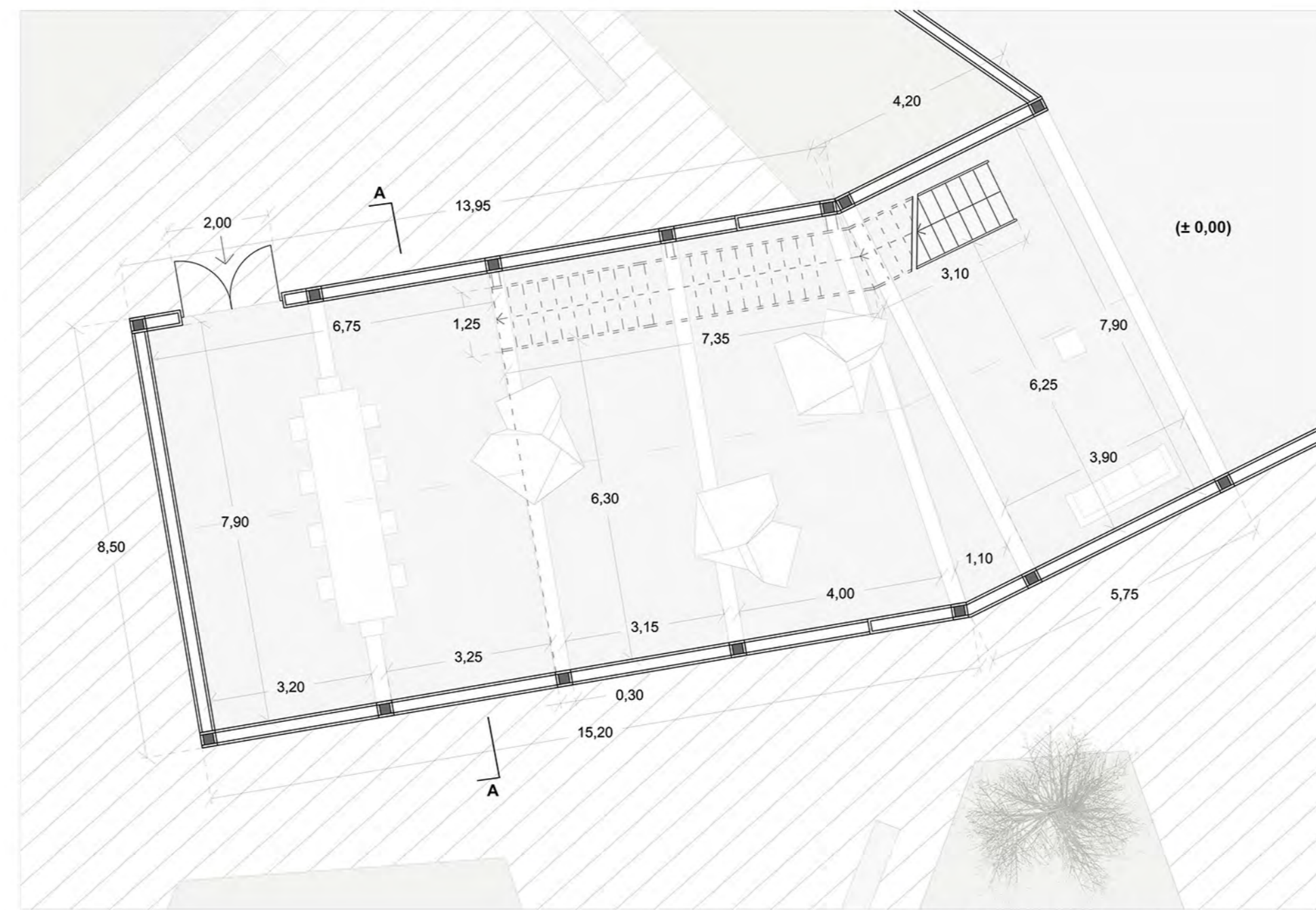
Jlenia V. Esposito Gennaro Solaro



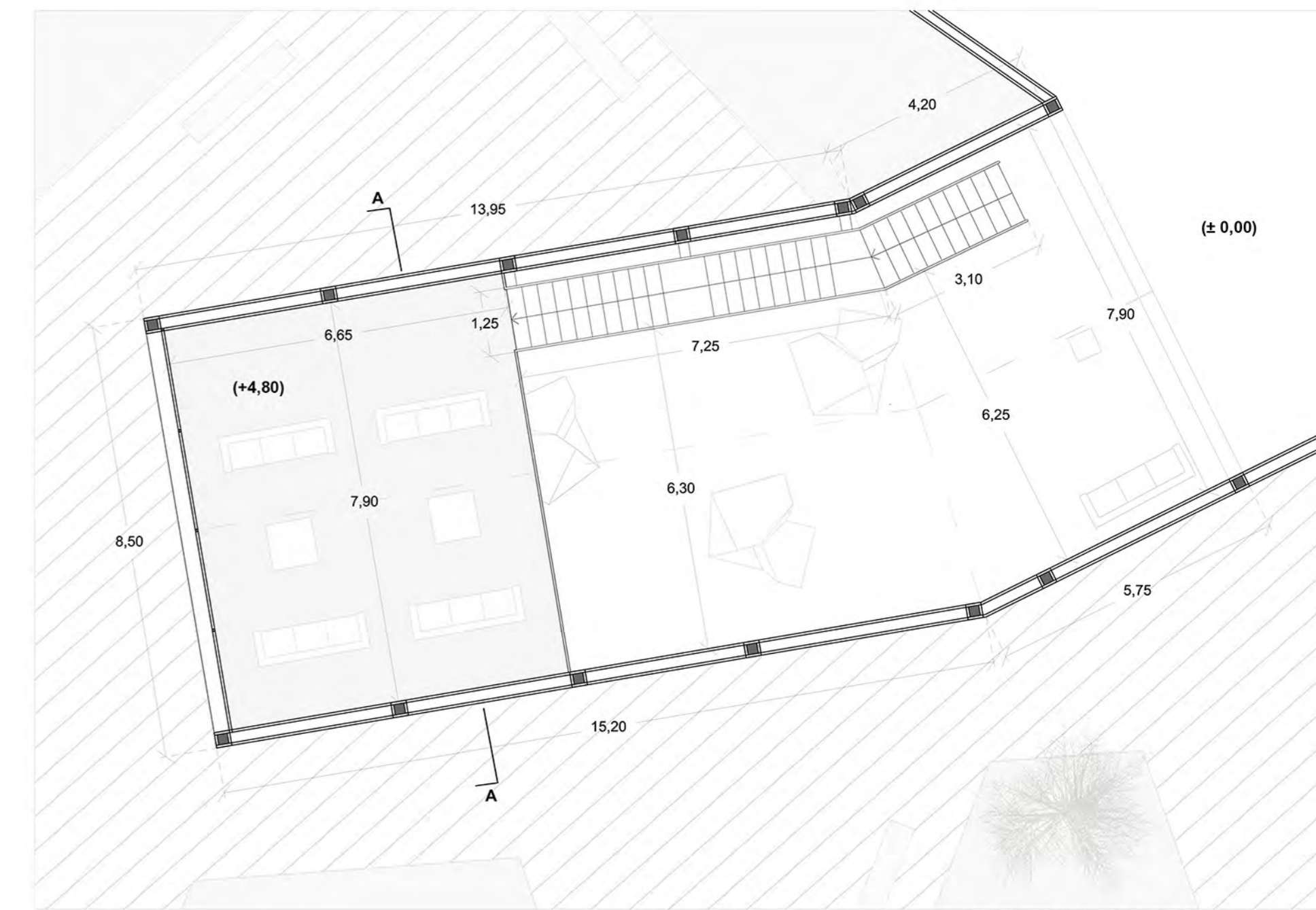
C.M.C. - COMPANY MEETING CENTER
DOCENTE: PROF. ARCH. CLAUDIO GAMBARELLA



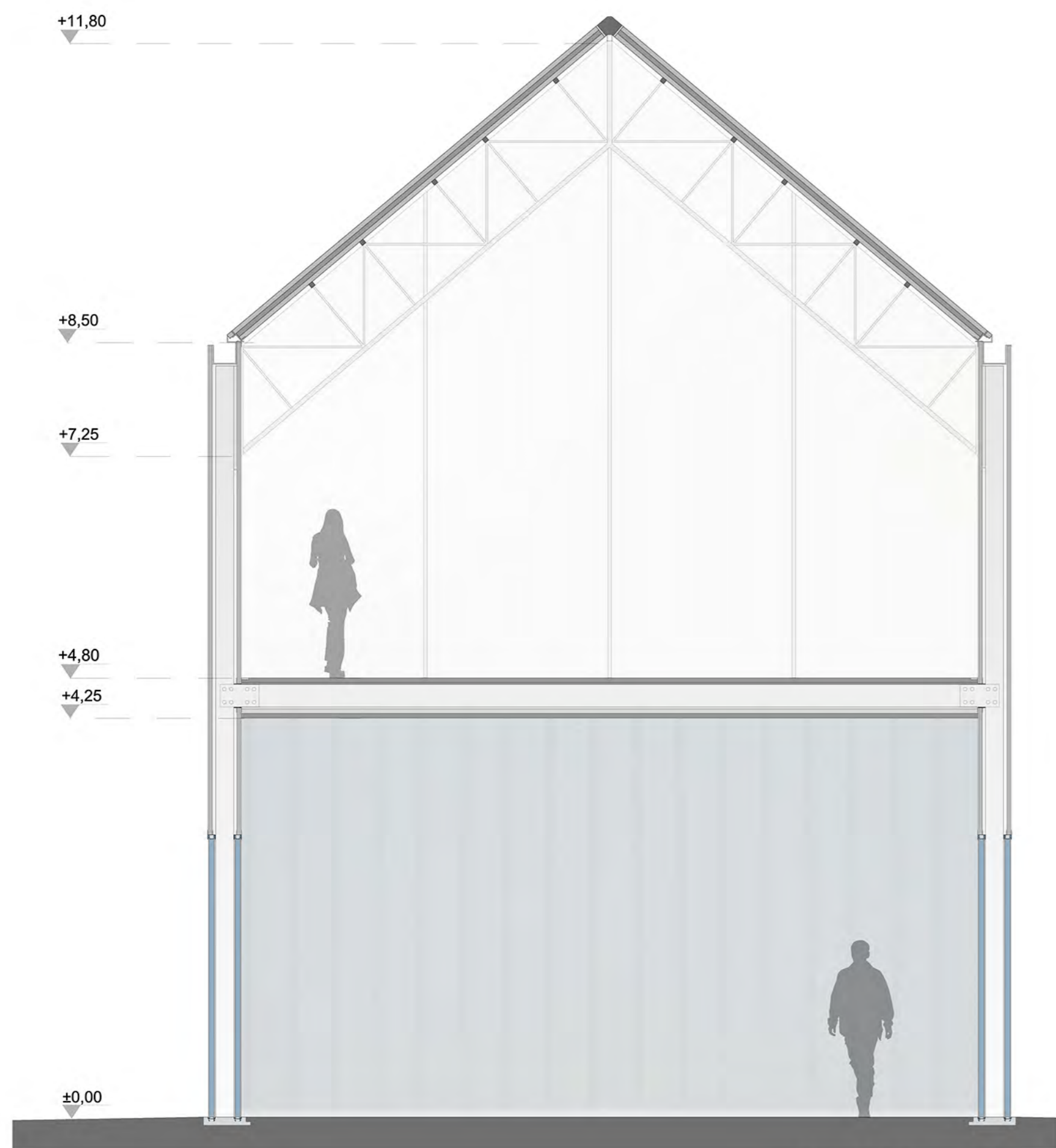
KEY PLAN



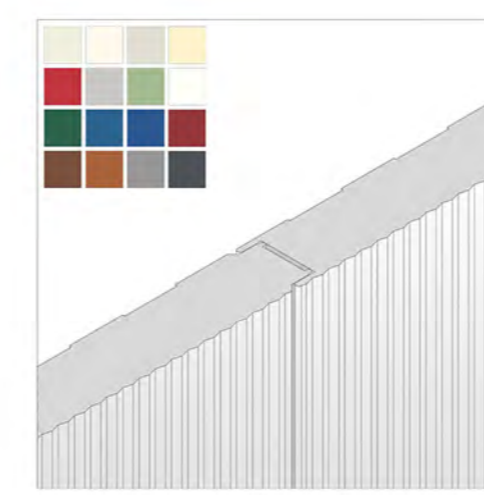
GROUND FLOOR PLAN SCALE 1:100



FIRST FLOOR PLAN SCALE 1:100



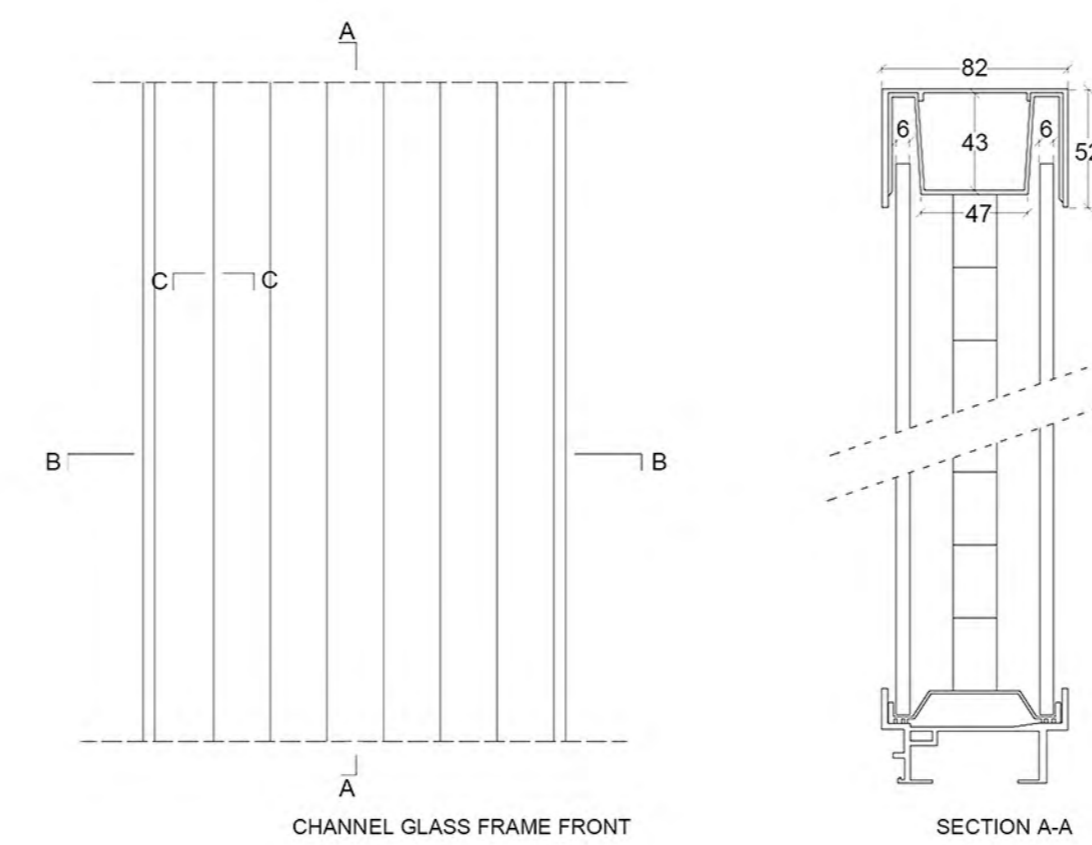
SECTION A-A SCALE 1:50



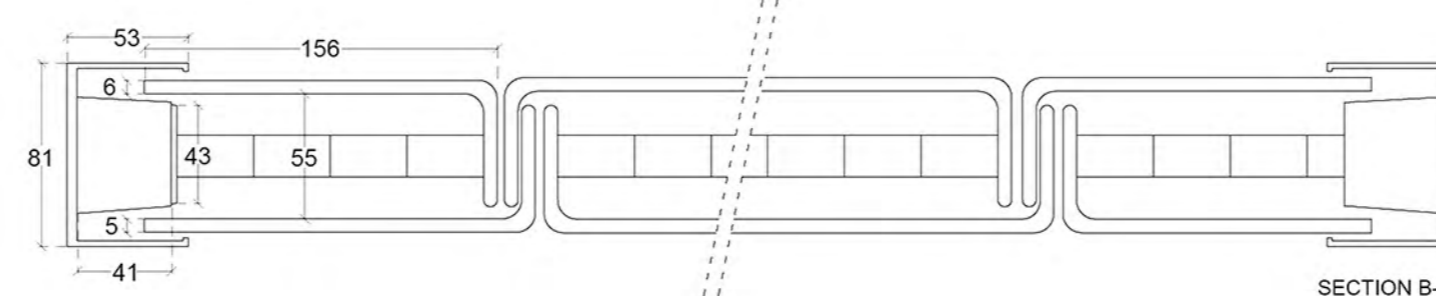
Wide range of colours
The polyester coating in matte or gloss finish reduces the risk of colour fading. The 160 polyester is an advanced combination of fluorocarbon layers and extra-tough grains to resist scratches and general wear and tear.

Characteristics of sandwich roof and wall panels:
 • Since they are factory assembled they allow swift easy installation thus minimising risks on site.
 • Lightweight: 12 to 40 kg/m² (depending on thickness and model), enabling the use of a lighter structure and foundations.
 • Excellent insulation properties.
 • Available in a wide range of coatings and colours.
 • Panels with an apparently smooth surface finish, thanks to special ribbing patterns.
 • Guaranteed fire resistance characteristics.
 • Convenient and simple connection to the load-bearing structure makes for easy and relatively inexpensive subsequent modifications or expansions of the building.
 Applications for sandwich panels:
 • Walls
 • Firewalls
 • Roofs

The exterior and interior skins of a sandwich panel do not touch one another, thus eliminating cold-bridging giving superior thermal insulation properties. The sound insulation properties of both PIR-foam and mineral wool panels are also excellent, at 20 dB and 31 dB respectively. Most sandwich panels are fitted with a compactable seal in the joint as standard.

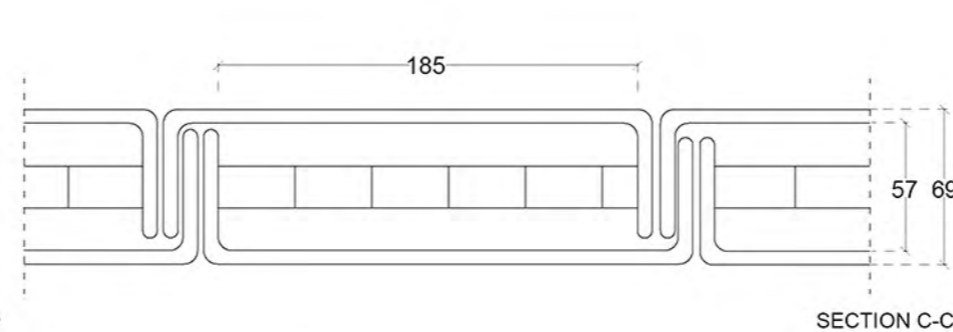


CHANNEL GLASS FRAME FRONT SECTION A-A



SECTION B-B

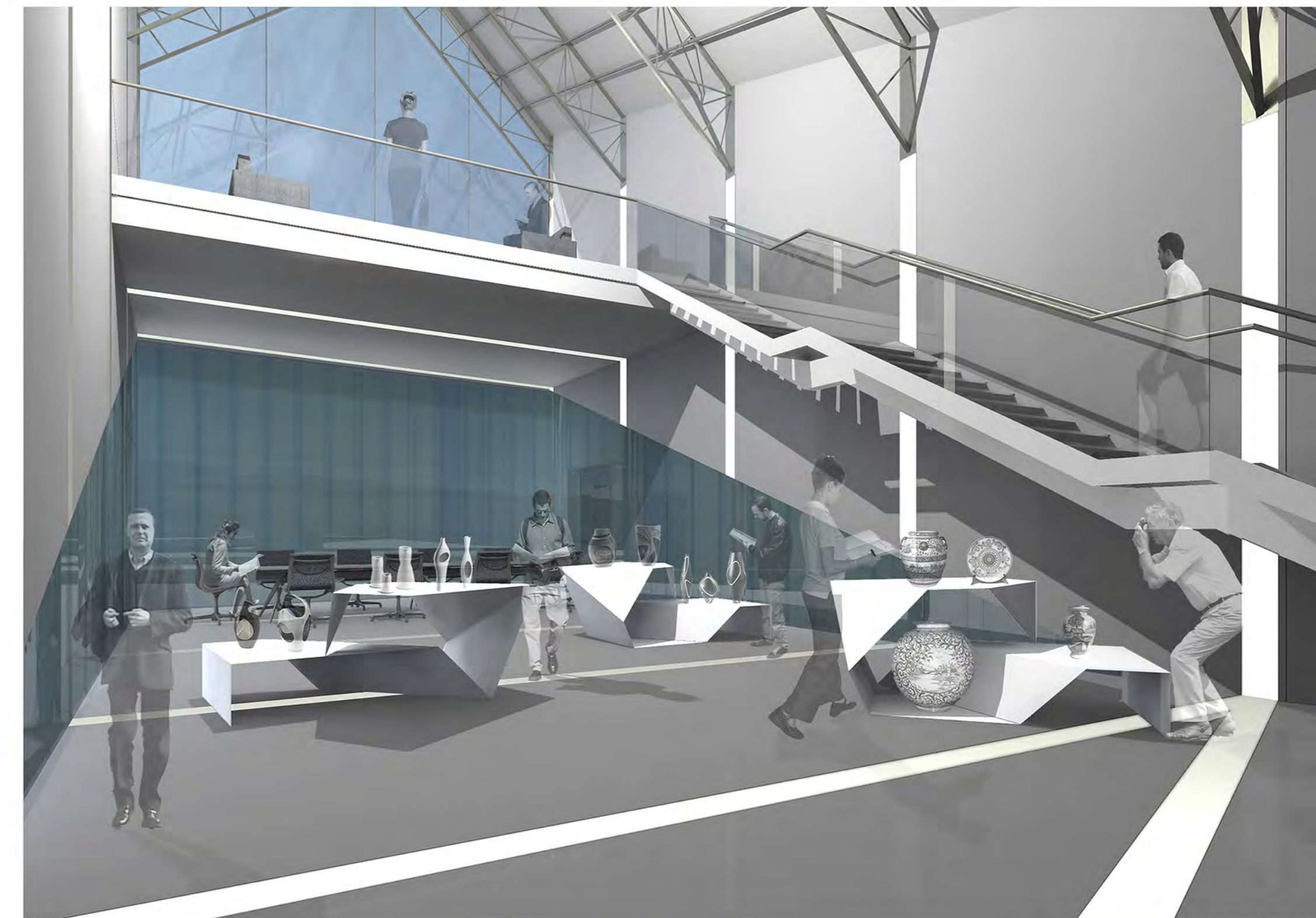
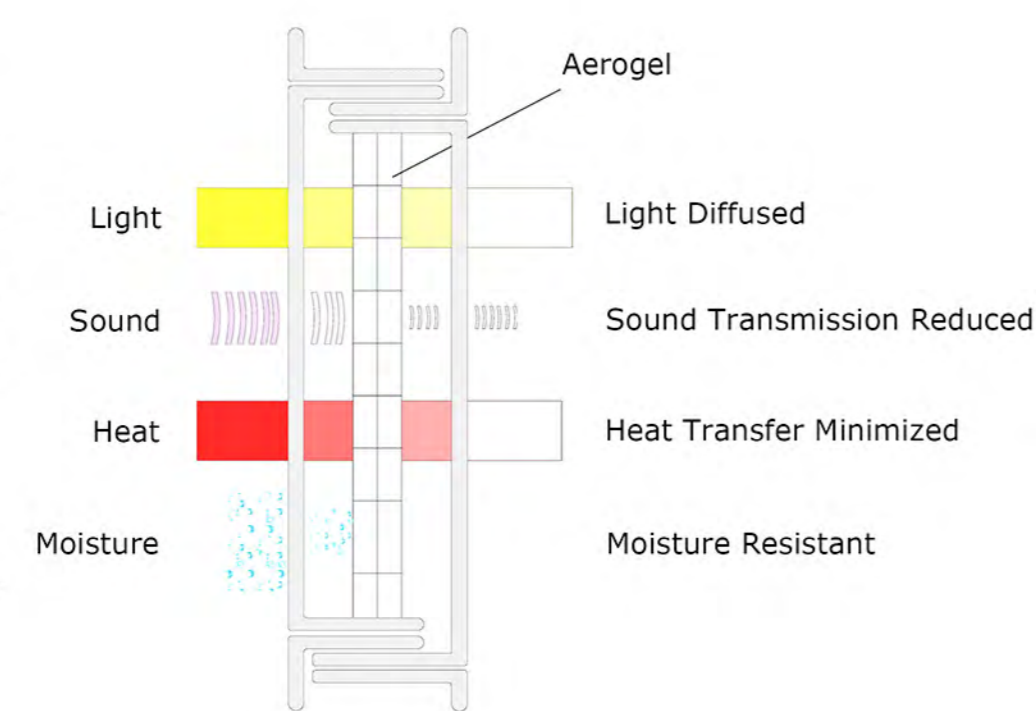
CHANNEL GLASS FEATURES
 • Available in long channel lengths (23 feet/7 meters)
 • Allows natural light while maintaining privacy
 • Can be tempered to meet impact safety requirements
 • Energy efficient
 • Excellent light transmission
 • Sound insulation (up to 44 db)
 • Can be utilized in curved walls
 • Installs vertically or horizontally
 • Aluminum perimeter frame with full range of finish options
 • Minimal maintenance
 • Proven performance used in Europe for more than 40 years



SECTION C-C

AEROGEL INSULATION
 Aerogel, formerly nanogel, a surface-treated amorphous silica, is a safe and non-hazardous material. It is encased in 16mm polycarbonate sheeting, which is centered in the Pilkington Profillit channel glass cavity. Combined with Pilkington Profillit channel glass, all the components of the system are safe, recyclable and environmentally friendly. For projects requiring extra thermal performance, contact TGP for custom Aerogel information. Aerogel in a unique form of highly porous, non-hazardous silica, described a lattice work of glass strands with very small pores and extremely low solids content (5% solid, 95% air). It is known as the lightest weight and best insulating solid in the world.

KEY BENEFIT:
 • Reduces overall energy consumption
 • Enhances daylight design
 • Provides cost-effective daylighting solution
 • Simplifies installation
 • Improves thermal and acoustic insulation
 • Improves ability to meet building codes without tradeoffs



VIEW 1 - EXPOSITION ROOM



VIEW 2 - DRAWING ROOM



The exhibitor is made of a contoured and welded sheet metal and it's stove-enamel and brilliant white plate finished.

