

Storytellers 03 2017



Stories of

EXCELLENCE PROJECTS

The Interior Glass Bridge, Potenza

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ARCHITETTURE TRASPARENTI

italian style



Dear Readers,

in this issue we will talk about Transparent Architectures within the MPH Informatica office in Tito, Potenza.

In 2006, the first intervention provided for the installation of a glass staircase with a stainless steel structure, a facade, an arched roof, balustrades and canopies: all with point-fixing technology for glass.

The second intervention was done in June 2016 with a special request: a “candy-like” interior glass bridge with steel beams and glass floor hanging from the existing structure.

To make it even lighter, Faraone company proposed a concept with glass floor and glass beams; the customer, engineer Michele Di Trana, approved of the idea with excitement.

The deadline was in 2 months with delivery on 25th of August 2016: we decided to run the work at Palumbo Glass of Salerno - being it a regional partner and a skilled company in managing complex projects - which provided the work with full collaboration from Faraone’s technical office and forming thus a skilful working team.

Suspended at 3.8 m from the ground, with a surface of 9 x 4 m and with a resistance to the load of 400 Kg/m², the mezzanine has become a reference example of interior glass architecture.

STORYTELLERS #03



Interior Glass Bridge

MPH informatica - Tito, Potenza

Supplied product: Glass Bridge, Glass Stair, Glass Railing.



The MPH Glass Bridge

With the collaboration of Palumbo Glass

A jewel of contemporary architecture with structural glass.

Customer: **MPH / Smart Paper**

Designer: **Eng. Michele di Trana**

Architectural Designer: **Faraone + Palumbo Glass**

Structural Designer: **Eng. Christian Ceccato**

Executive Project: **Faraone Transparent Architectures**

Executive Partner: **Palumbo Glass**

The suspended glass mezzanine arises from a rather “surreal” idea by a customer who, being very fascinated by the application of glass in architecture, asks Faraone to make the project for the seat of his company, located in the town of Potenza. The idea, fancied and shared since its embryonic stage, has turned into a project today, becoming a “flagship” of the company and a tangible witness to the strong synergy between the two companies, Faraone and Palumbo Glass.

The result of the conceptual and operational commitment is evidenced by the images of the work that give a perfect idea of the complexity of the project, carefully studied both in the first phase of the evaluation of the feasibility of the





Meeting Glass Bridge with 14 seats.



project by Faraone's technicians and in the next delicate executive phase entrusted to Palumbo Glass, respecting the very limited time required by the customer.

Fulfilling the great project engagement of Faraone's partner and achieving a work of this extent in about 2 months, it has represented for us a "challenge in the challenge", which is the reason for a great satisfaction and the merits recognized by the "team", and especially by the customer, who was enthusiast about the result.

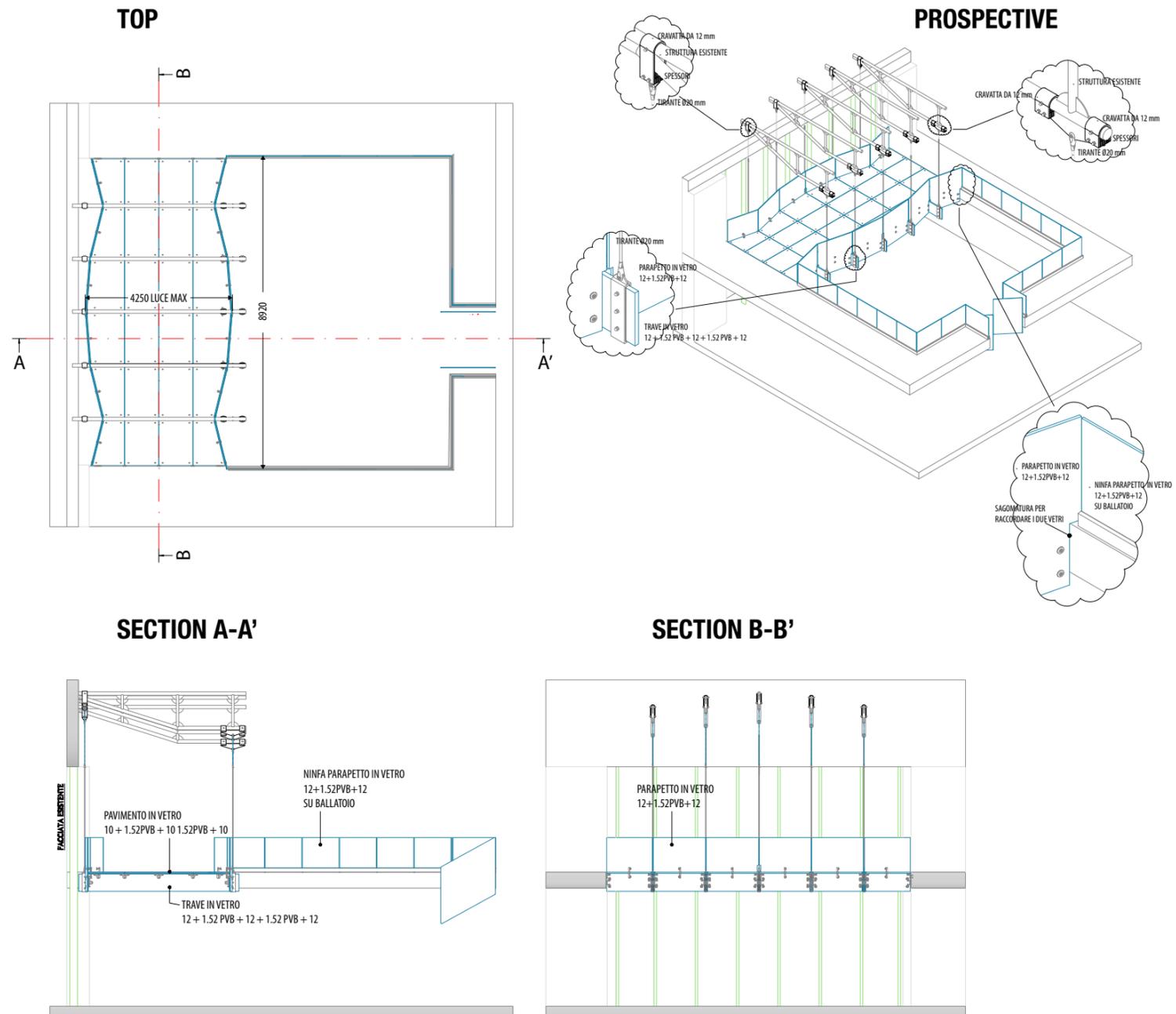
Once the project was completed, the customer wanted to directly test its stability, subjecting it to safety tests, all of which were perfectly overcome, so that the glass mezzanine was certified to resist a load of 400 kg/m².

Those who have the pleasure of admiring the glass mezzanine will recognize the strong aesthetic impact along with its uniqueness that characterizes the work, a jewel of contemporary architecture.

Prisco Palumbo ■

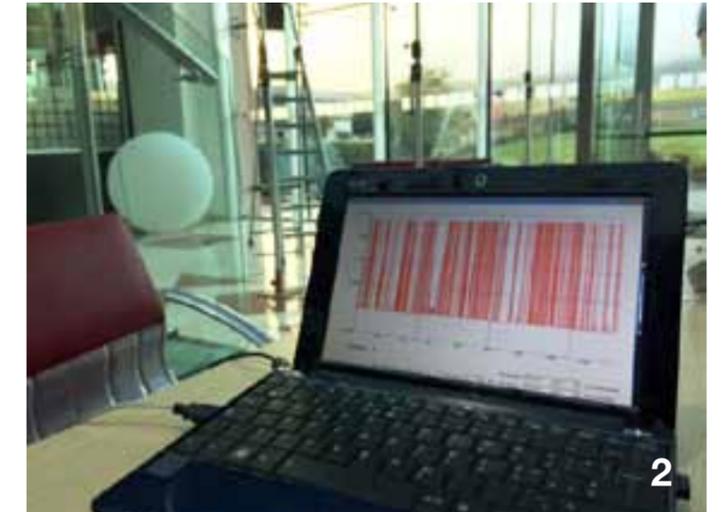


Technical Drawings



Tests

The glass bridge was loaded to 400 Kg/m² with water. The lowering Δh in the centre of the mezzanine is only 1.2 mm.



1. Glass Bridge tested
2. Data
3. Verify of the quantity of wather
4. Lowering of the Glass Bridge (only 1,2 mm)

The staircase, the roof, the facade, the canopy and the glass balustrade.

First intervention in 2006

5 designs, 1 common denominator: glass.

Customer: **MPH / Smart Paper**

Architectural Designer: **Eng. Michele Di Trana**

Structural Designer: **Eng. Christian Ceccato**

Executive Project: **Faraone Transparent Architectures**

The first intervention saw the construction of the facade and the point-fixed covering with a steel frame and double glazing.

The steel and glass staircase Regale model is located in the centre of the room. It is still the heart of the entrance hall in the computer centre and after 10 years of use, it still looks as if it were new. The adjustable rising and treading supporting structure is made of stainless steel, as well as the handrails and the tie rods. The steps and the balustrade are in tempered laminated glass.

The outer canopy has been customized, enhancing the performance of hanging glass tie rods.

The Alba model Parapet with steel buttons completes the glass works included in the prestigious MPH project.



Let the customer speak

Impressions on the MPH project



“Drawing and creating modern and comfortable work environments, integrated into the territory and in harmony with what we do is part of the philosophy of our Group. For this reason, we use glass. Its elegance, its ductility, its ability to handle the light and to filter it within the places around us have always been a constant feature in the design of our offices.

For the main seat in Tito, we had a very innovative and bold goal: to be able to design a solution capable of transforming, if necessary and in a few hours, a working environment into a space for events. That is to say, to transform two pre-existing operating areas - facing each other with computers and desks - into as many as 100 seats each connected by a suspended balustrade which serves as stage and scenery at the same time. All this without altering the brightness of the interiors, while respecting the safety of workplaces and in line with the constraints of the existing structure. The times were narrow. The event was scheduled for September 23, 2016. In practice, in less than two months, including August, we had to go from design to commissioning.

A complex project, therefore, for which we have chosen the support, expertise and reliability of the Faraone company, which has always been our partner for glass works.

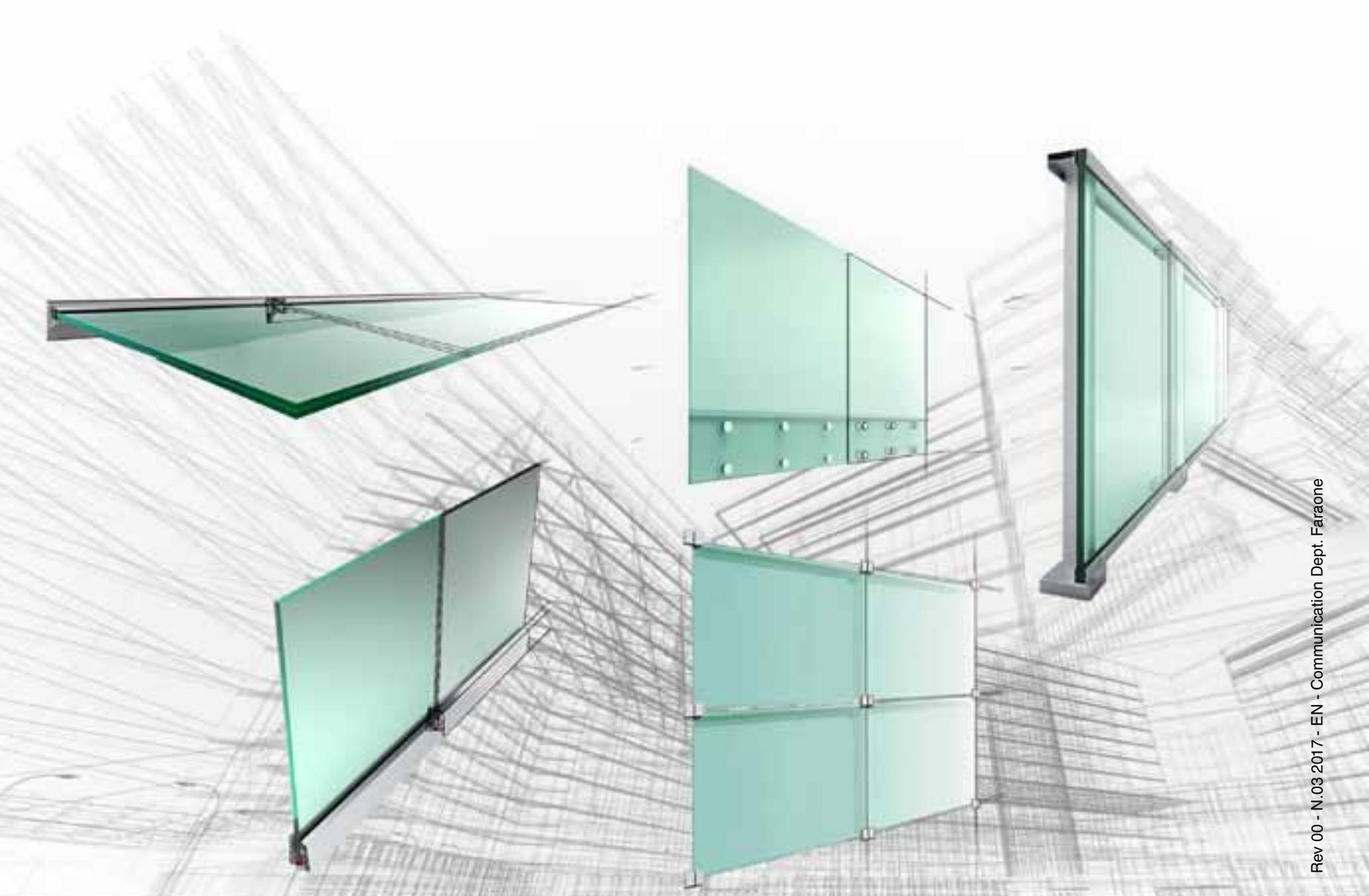
So, with a joint effort, working with dedication, until late, every day, what at first looked like an almost “impossible” project has become a surprising reality”.

Eng. Michele Di Trana ■



INAUGURATION 2016, SEPT. 23 | TITO (PZ) | MEETING: DECLINARE INDUSTRY 4.0





Rev 00 - N.03 2017 - EN - Communication Dept. Faraone

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