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IT IS WHEN YOU MANAGE TO REALISE YOUR CLIENT'S  
DREAM THAT YOU FEEL REALLY SATISFIED.

It is when he shakes your hand with enthusiasm that you  
understand how important your work has been for him.

These are moments that encourage you to go on, looking towards  
new horizons... to start the best chapter of our exciting work.

# Made in Italy



## Our numbers:

- 4000 m<sup>2</sup> of manufacturing area and executive office
- 42 employs
- 3 professional engineers
- 3 surveyors

## Company sections:

- technical office
- commercial office
- cnc aluminum section
- assembling section
- cnc metal sheet cutting and folding section
- blacksmith section
- installers
- vehicle fleet



Polito Serramenti was founded in 1969 thanks to the creativity of the brothers Giulio and Pietro Polito.

This is their secret: making their own business a true mission. In just a few years Polito Serramenti left behind the reality of a small artisan company to become one of the Leaders in the sector of the manufacture of aluminum and light structural windows.

Today the Company has the structure of an industrial complex of more than 4000 m<sup>2</sup>, completely equipped with first-rate systems and machinery. A solid, competent, motivated staff studies, designs and produces every day the best solutions for homes, work, study and life environments.

Polito Serramenti has always stood out among manufacturers of windows for its production flexibility and capacity to propose strongly customized solutions. When something really unique, distinctive and complex is required, the skills of our personnel are always at your disposal, able to support the desires and vision of designers.

The passion for their work carried out every day by the two founders has made it possible to combine the artisan flexibility with which individual products are made with the quality of work and industrial logics.



# Quality System

Each internal human resource is involved to ensure that work is always carried out with awareness of its importance.

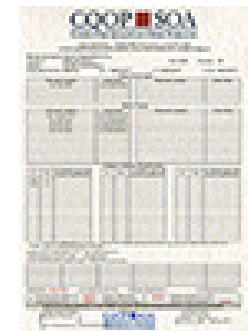
The company operates in a quality management system certified according to standard UNI EN ISO 9001:2008 submitting products and production processes to rigorous internal and external controls, in this way ensuring that the services provided correspond completely to the needs of its own clients in terms of legislative prescriptions, punctuality and flexibility.

Modern numerical control cutting and work stations allow the qualified personnel to reduce production times and to achieve a very high quality standard. All of these elements allow us not only to have a considerable production capacity but allow to propose solutions for contemporary living styles with a low environmental impact and high energy saving.

- **ISO 9001:2008**, Certification for quality management system issued by SQS and IQNET certification body.



- **SOA**, Certification of authorization to carry out Public Works issued by the CQOP certification body.



# Research

The careful research into new materials and new solutions enables us to meet all the requirements of an increasingly demanding market.

Polito Serramenti has always invested in research and technology to make products that are constantly improving and increasingly competitive.

State-of-the-art solutions that evolve together with the needs of a market which is constantly changing and therefore requires continual monitoring.

Because we are well aware that only by preparing for tomorrow can we give our best today.



Constant and attentive search for new materials and new solution allows us to satisfy all the requirements of an increasingly demanding market.



# Design



Skilled technicians and state-of-the-art software, for projects with excellent design and high levels of efficiency.



The manufacturing process is led by an efficient technical office capable of responding to the most varied requests of clients and providing advice, where necessary, that leads to design choices that improve the thermal and acoustic efficiency of buildings without substantially altering the initial project.

Polito provides state-of-the-art IT solutions both for 2D and 3D designs so that it can offer clients a virtual preview of the doors and windows, even during the phase of preparing the estimate.

The technical staff includes three professional engineers qualified to carry out thermal, mechanical and acoustical calculation of windows and curtain walling.

Each Polito project is a perfect balance between aesthetics, functionality and practicality, the right balance between what clients want and what they really need.



# Manufacturing

A wide-angle photograph of a manufacturing workshop. In the foreground, a worker in a dark jacket and jeans is bent over a workbench, using a power tool on a long metal profile. In the background, another worker in a blue shirt is working on a larger metal frame. The floor is polished concrete with yellow safety lines. Large windows are visible in the background, and various tools and equipment are scattered around the workspace.

Production is potentially infinite because there are no limits to what every client may ask.



In order to be able to fully satisfy every type of requirement, we have established solid partnership with leading companies in every reference sector. We are able to propose the widest range of available solutions in terms of aluminum windows and curtain walling.

The link which has joined us for years to the best producers in the sector allows us to make the best use of the most innovative products in the aluminum, copper, timber and laminated cladding sector.

Polito Serramenti has always stood out among manufactures of windows for its production flexibility and capacity to propose strongly customized solutions.

When something really unique, distinctive and complex is required, the skills of our personnel are always at your disposal, able to support the desires and vision of designers.

Personalization can satisfy any form, color, accessory and finish requested. Knowing the potential of our windows is fundamental for the designer who wishes to give competent consultancy to his own customers and who wants to achieve high quality level products.

Polito Serramenti products are also fitted with anti-break-in systems and anti-burglary, automation and domotic devices. Special constructions in iron, glass and other materials complete the range of products at the disposal of our customers.



# Services

Our company offers a complete design, production and installation service which embraces both the problems of the end user and those of the large enterprise.

Design assistance and the composition of clear and detailed offers are only a small portion of the services Polito Serramenti offers all its customers.

In fact, the company is responsible for all the implementation phases of a project: measuring, designing, production and installation carried out by specialized, constantly trained technicians. In the post-sales assistance service you will find support, consultancy and on-going updates

Our organization is able to guarantee not only production which complies absolutely with the agreed specifications but also a valuable dedicated assistance service with measuring, deliveries and assembly.

The wide fleet of private vehicles guarantees flexibility and punctuality in deliveries, which are always agreed in advance with the client according to his needs and availability.

Always close to the client's needs.





# Installation

Installation is for us an important phase in the production process. We succeed in obtaining high installation performances which guarantee the customer that performances in terms of water-proofing, air permeability, thermal insulation and noise abatement, static and mechanical resistance and resistance to breaking are maintained.

Our specialist technicians, carefully trained with regular refresher courses, are fully aware of the specific details of Polito products: this is why they can guarantee careful, precise and wholly professional installation.

Because showing close attention to the needs of clients at every stage is not just a responsibility: it is a pleasure.

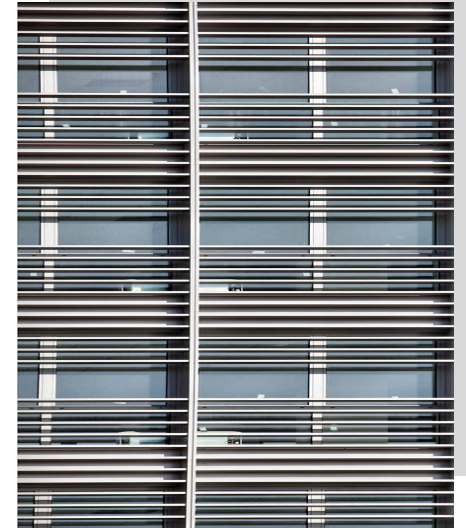
The wide fleet of private vehicles guarantees flexibility and punctuality in deliveries, which are always agreed in advance with the client according to his needs and availability.



# Curtain walling



CLADDINGS



SHADING DEVICES



STICK SYSTEMS  
CURTAIN WALLING



UNITIZED  
CURTAIN WALLING



POINT FIXED  
CURTAIN WALLING



STOREFRONTS



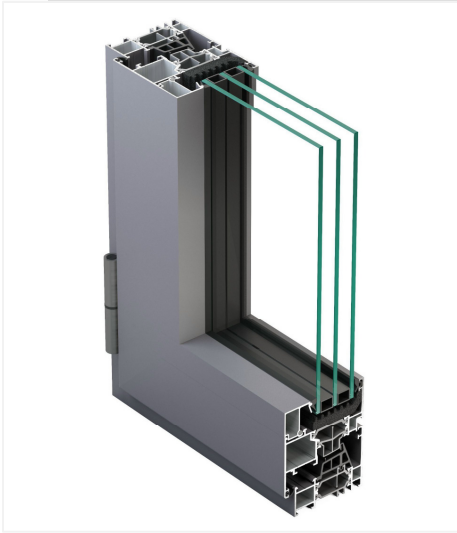


INTERNAL PARTITIONS



BALUSTRADES

# Windows and doors



WINDOWS



SLIDING WINDOWS



DOOR ENTRANCES



SHUTTERS

project name

# Duca d'Aosta 28

final use

Residential and commercial

architect

Massimiliano Fuksas

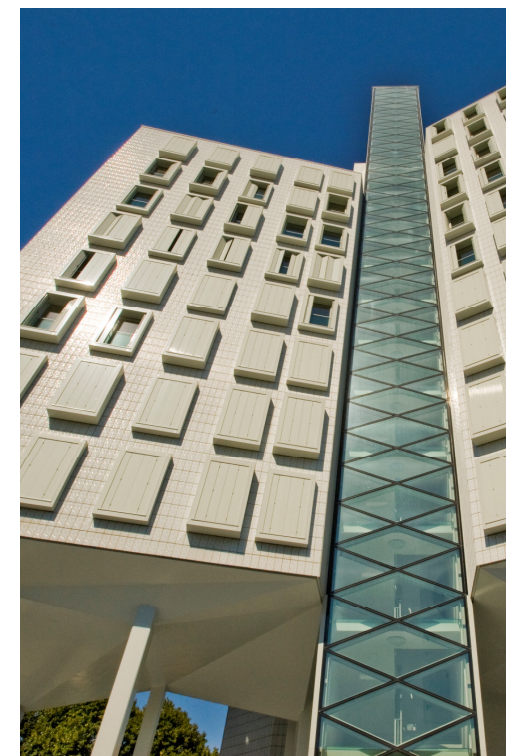
year and location

2006, Italy

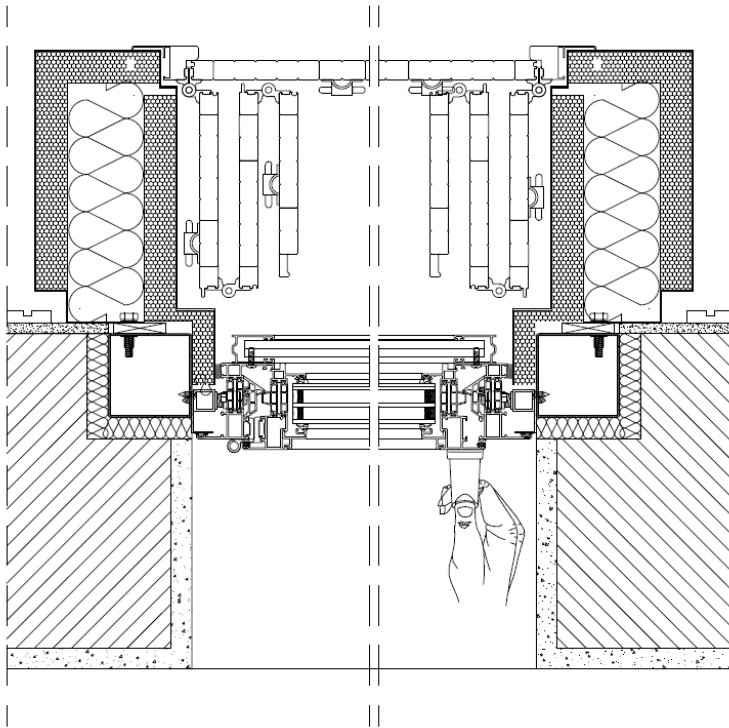
description

Commercial building: Unitized curtain walling with aluminum framing and Low-e insulated glass units equipped with internal curtains.

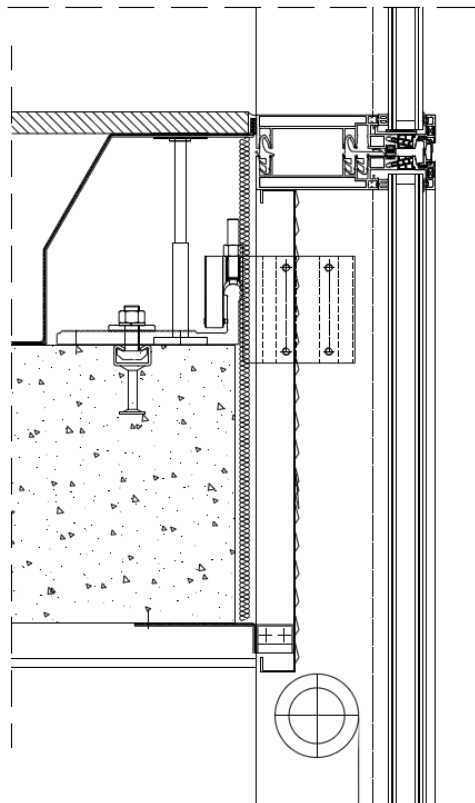
Residential building: ETICS opaque facade with ceramic finish and windows with thermally broken aluminum framing, Low-e insulated glass units, external aluminum shutter; diamond pattern stick system curtain walling for stairs void with low-iron glasses; glass balustrades.



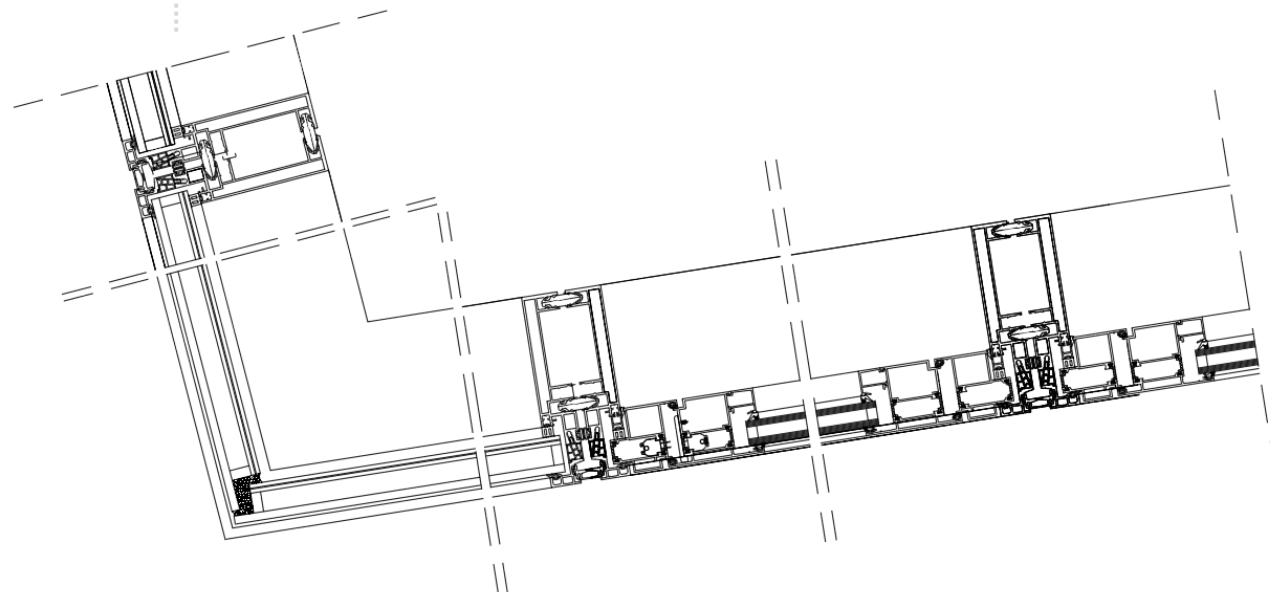
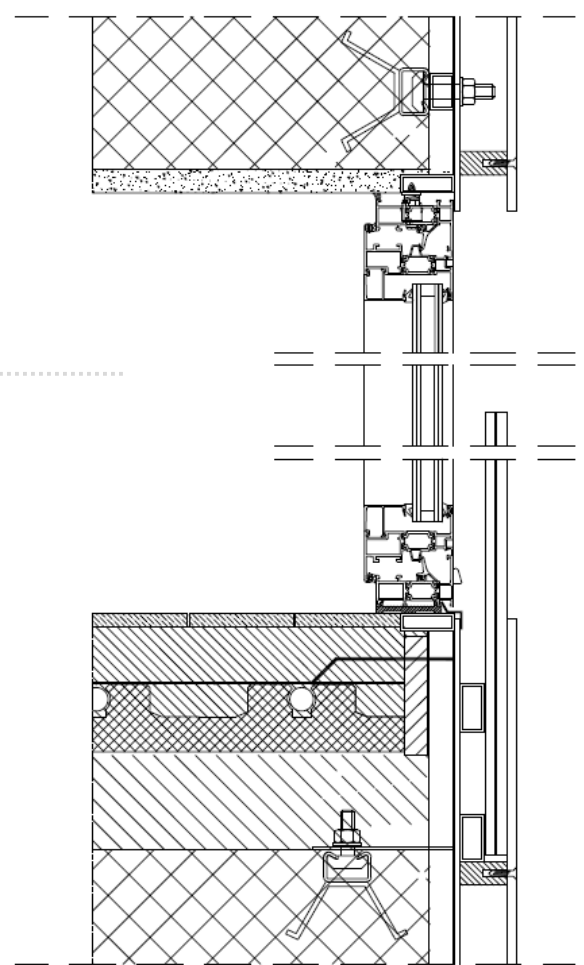




Horizontal and vertical section of aluminum windows (residential building):  
 Thermally broken aluminum frame, painted finish, low-e insulated glass unit.  
 Bow-window: external aluminum folding shutter, thermal bridges solve at design phases using external insulated panels.  
 Windows thermal transmittance.  
 $U_{w,corr}=1,4 \text{ W/m}^2\text{K}$ .



Horizontal and vertical section of unitized curtain walling – corner detail at slab level (commercial building):  
 Unitized curtain walling with insulated glass units mechanically retained to the framing, steel brackets.



project name

# Elle Building

final use

Commercial

architect

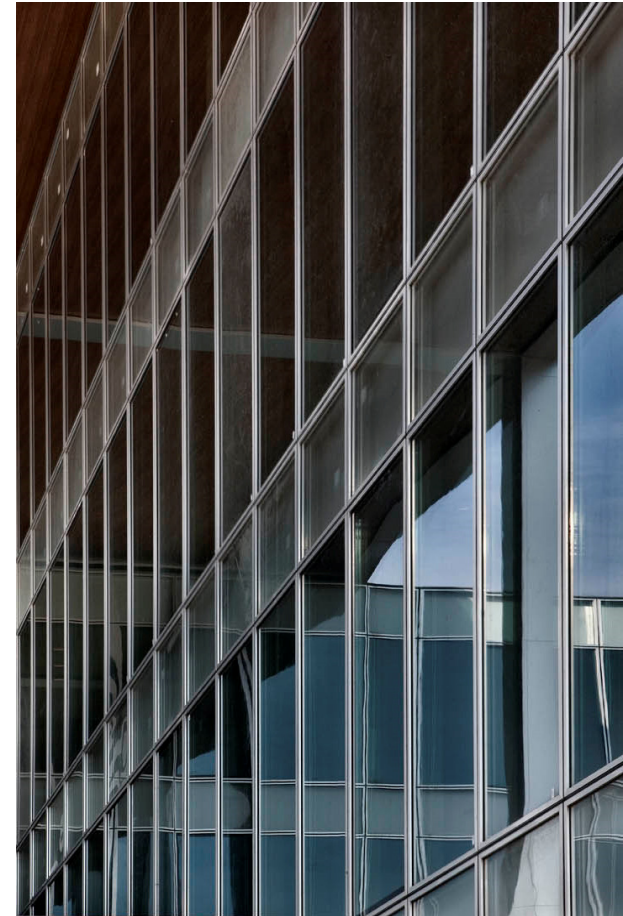
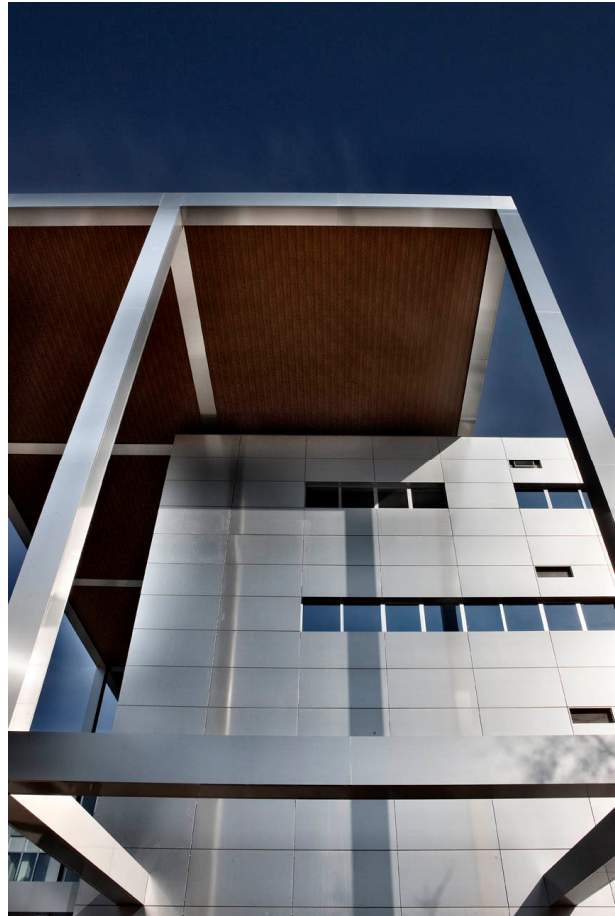
Studio AEGIS - Cantarelli & Partners

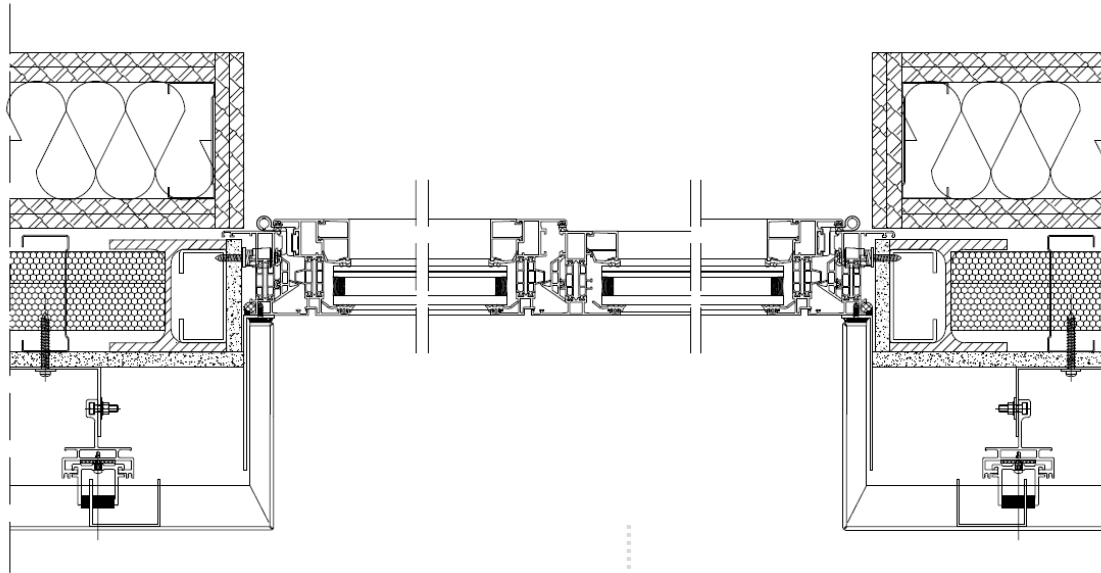
year and location

2009, Italy

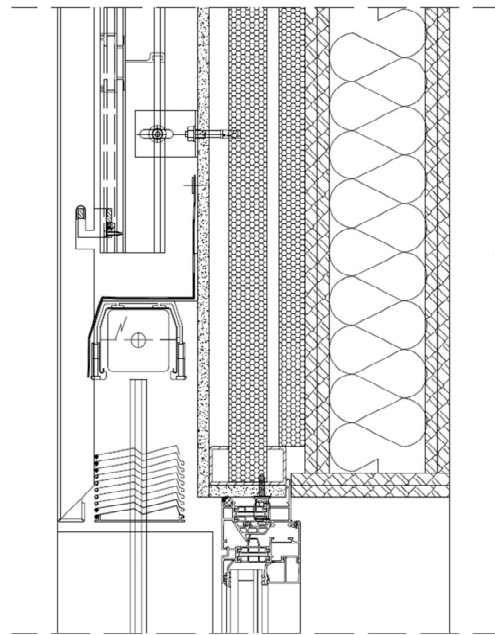
description

Alucobond cladding; Unitized system curtain walling with outward parallel openable windows, thermally broken aluminum framing and Low-e insulated glass units.

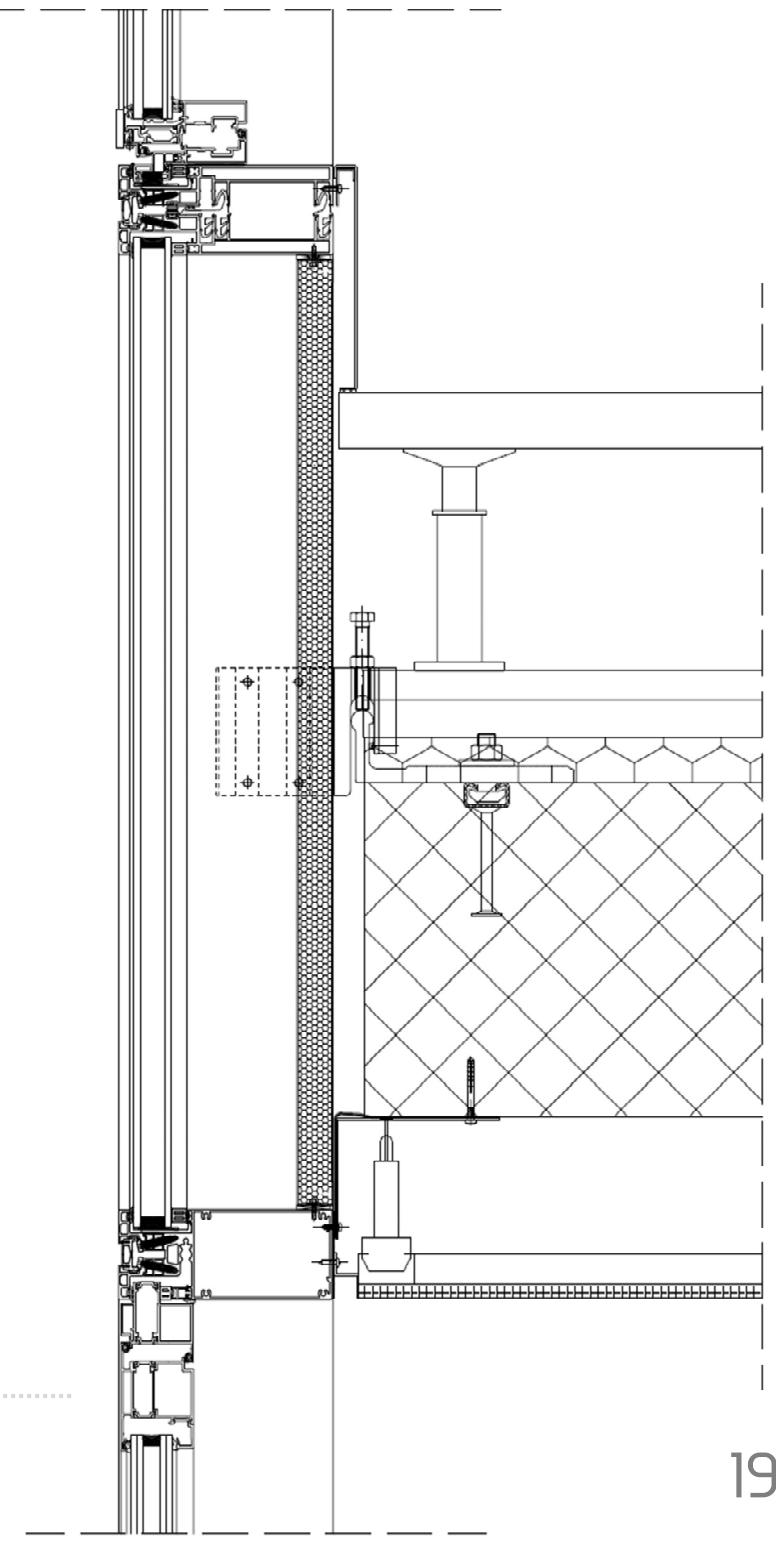
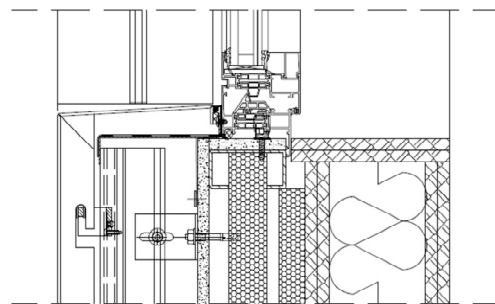




Horizontal and vertical sections of opaque façade with openable aluminum framing windows with thermal break; external aluminum louvers with automatic movement; alucobond cladding.



Vertical sections unitized curtain walling with aluminum framing thermally broken profiles and insulated glass units; back ventilated spandrel panel with IGU and composite panel; openable infills with outward parallel opening. Steel fixing bracket anchored on the top of the slab with 3D regulations. Aluminum copings for internal finishing at ceiling and floor level.





project name

# 18 Tower

final use

Commercial and residential

architect

Studio di Architettura Maggiore

year and location

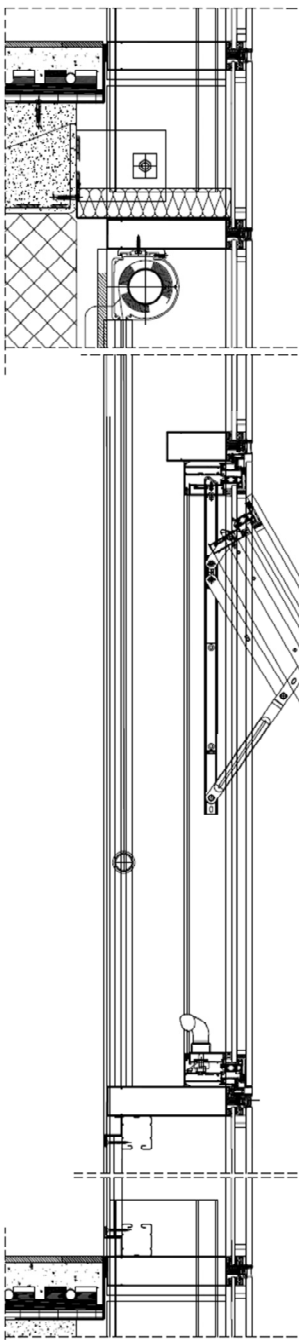
2013, Italy

description

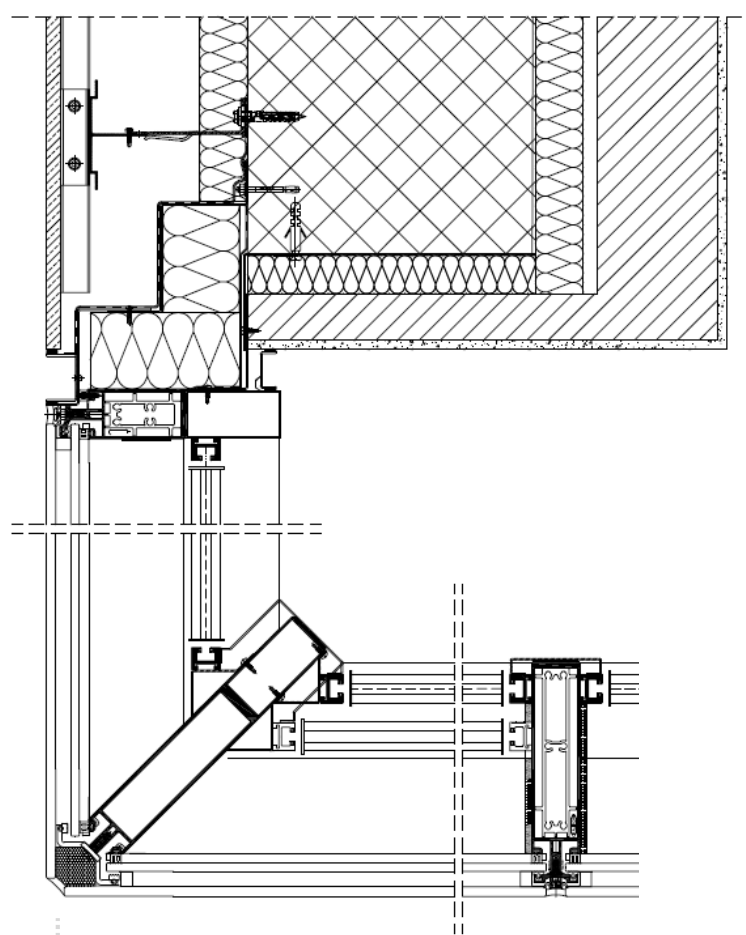
Residential tower: ETICS opaque facade with ceramic finish and windows with thermally broken aluminum framing; Glass balustrades, south elevation: Semi structural stick system curtain walling; Fire resistant spandrel panels; Outward opening infills. Shaped glass point load façade fixed on a steel structure for the last tree stairs.  
Commercial groundfloor: Semi structural stick system curtain walling with low-e insulated glass units.







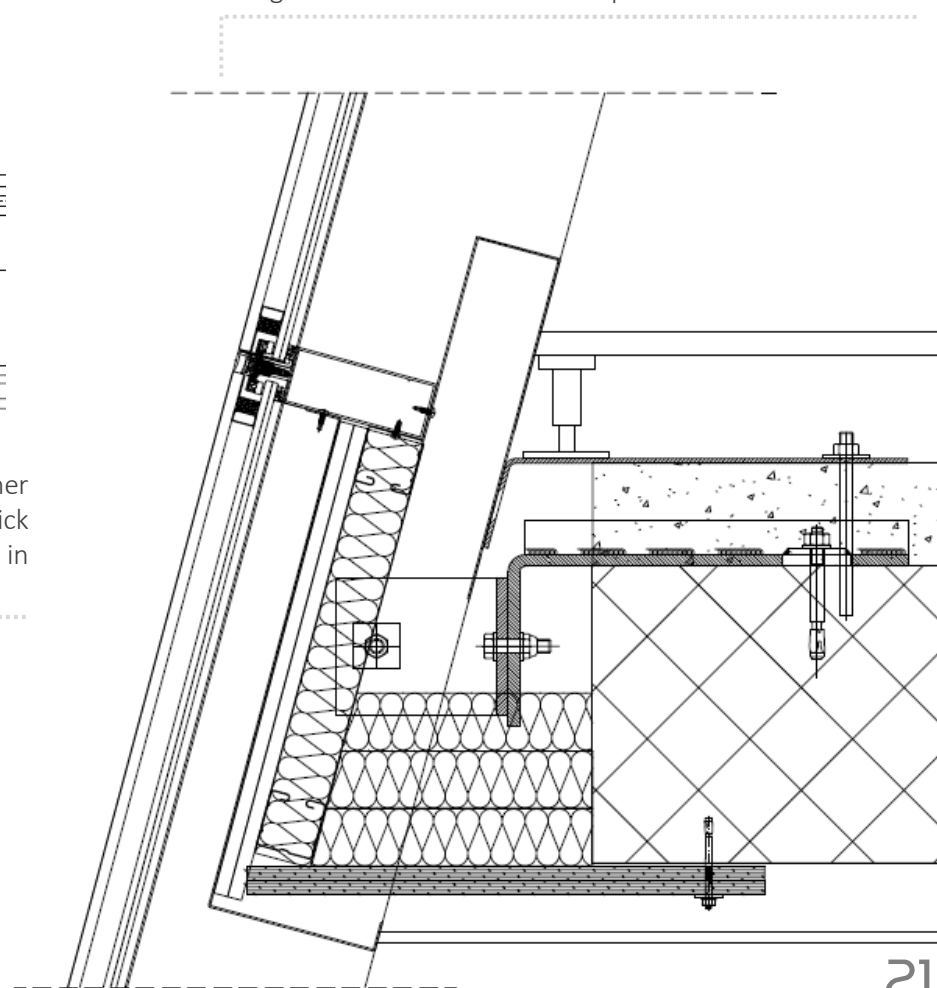
Vertical section of South curtain walling – typical detail (residential tower): semi structural stick system curtain walling with outward awning windows; insulated glass unit with low-e glazing, internal curtain; fire stop panel at slab level; spandrel panel glass with ceramic fritting.



Vertical section of South curtain walling – corner detail (residential tower): semi structural stick system curtain walling with; insulated jamb in conjunction with opaque façade.

Vertical section of curtain walling – typical detail (basement):

Semi structural stick system curtain walling with low-e insulated glass units; fire stop panel at slab level. Steel fixing bracket anchored on the top of the slab.



project name

# Athena Tower

final use

Executive offices

architect

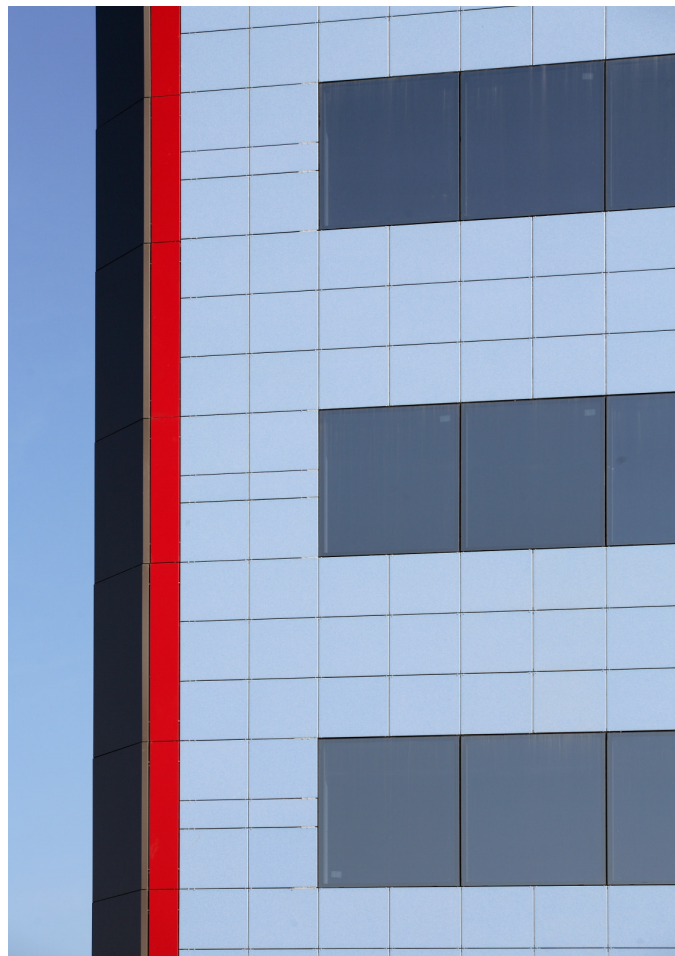
Studio Poli Medolago

year and location

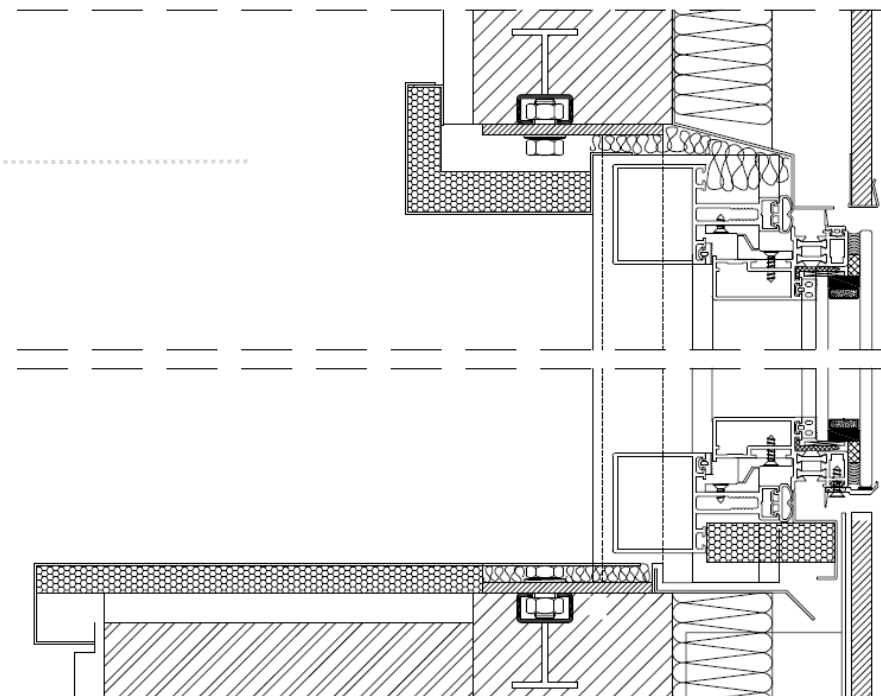
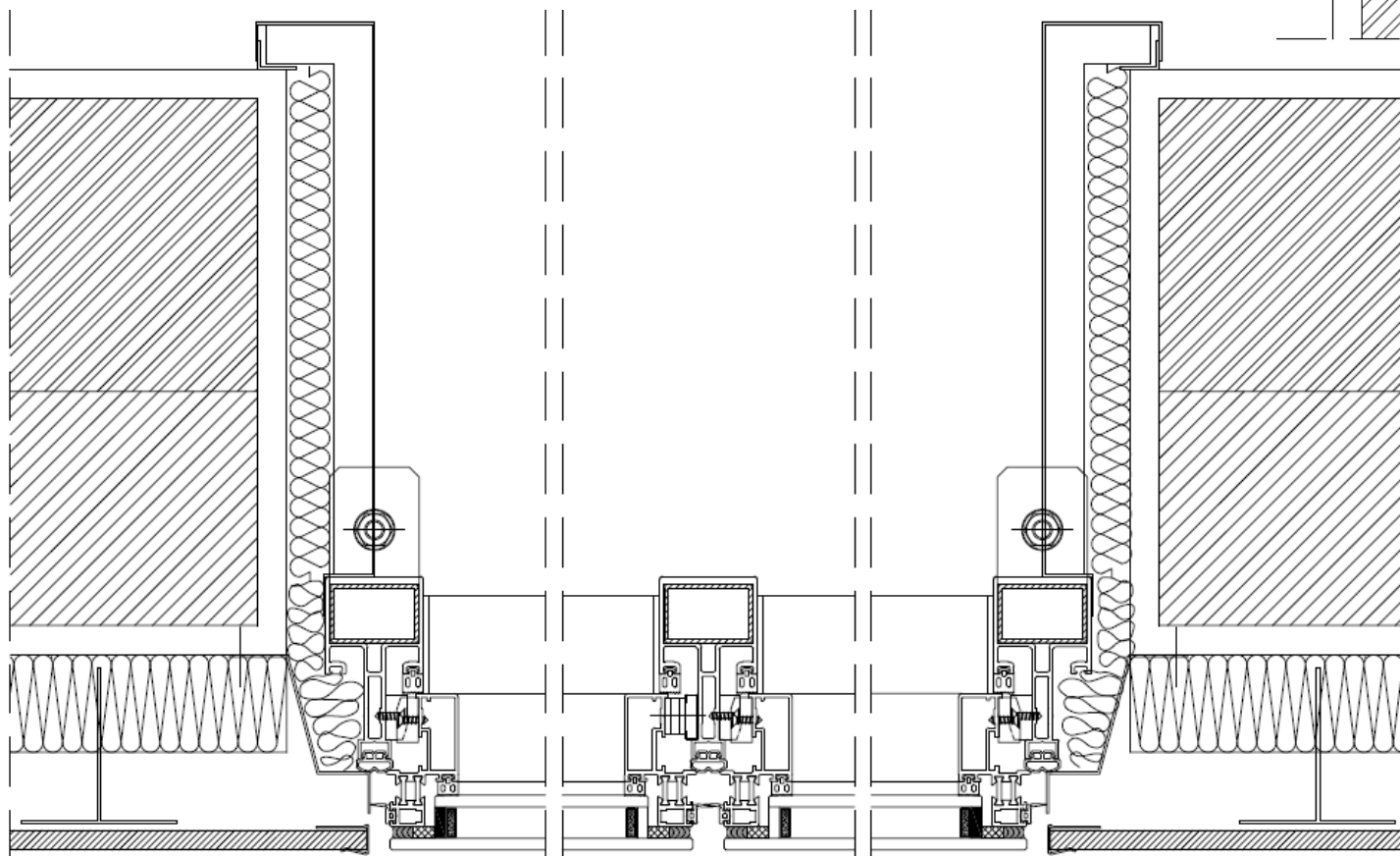
2004, Italy

description

Red Alucobond cladding for corner opaque façade; ceramic panels for ventilated façade with awning openable windows.



Vertical section of ceramic ventilated façade with awning  
aluminum windows with bonded glazing.



Horizontal section of ceramic ventilated façade with  
awning aluminum windows with bonded glazing.



project name

# Duca Building

final use

Residential and commercial

architect

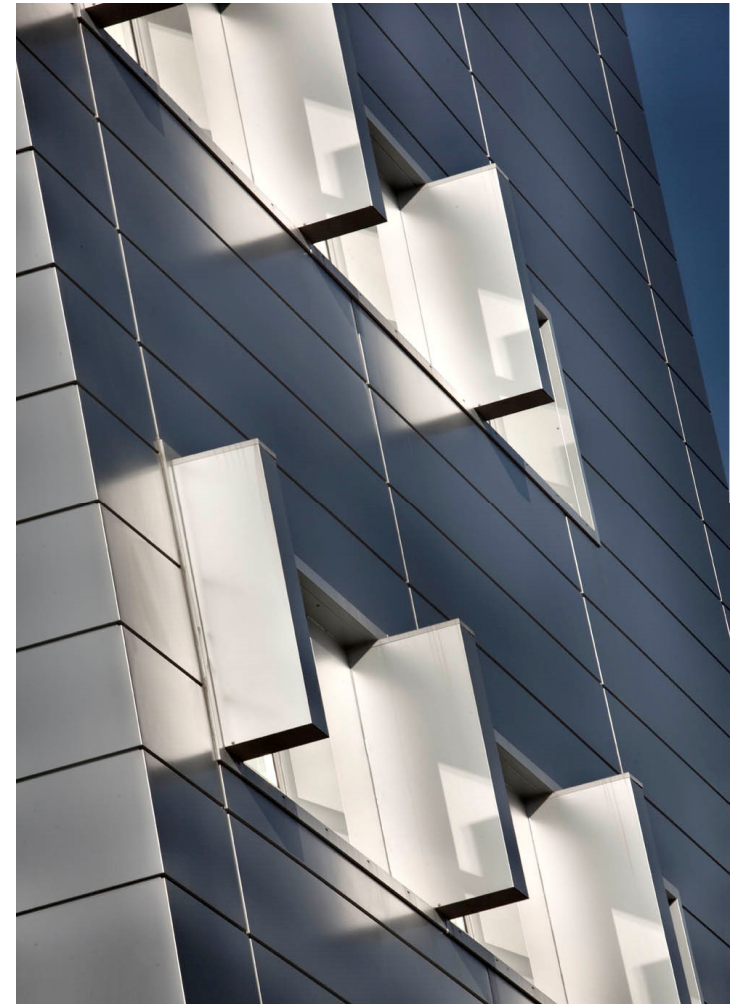
Studio di Architettura Lussignoli Associati Srl

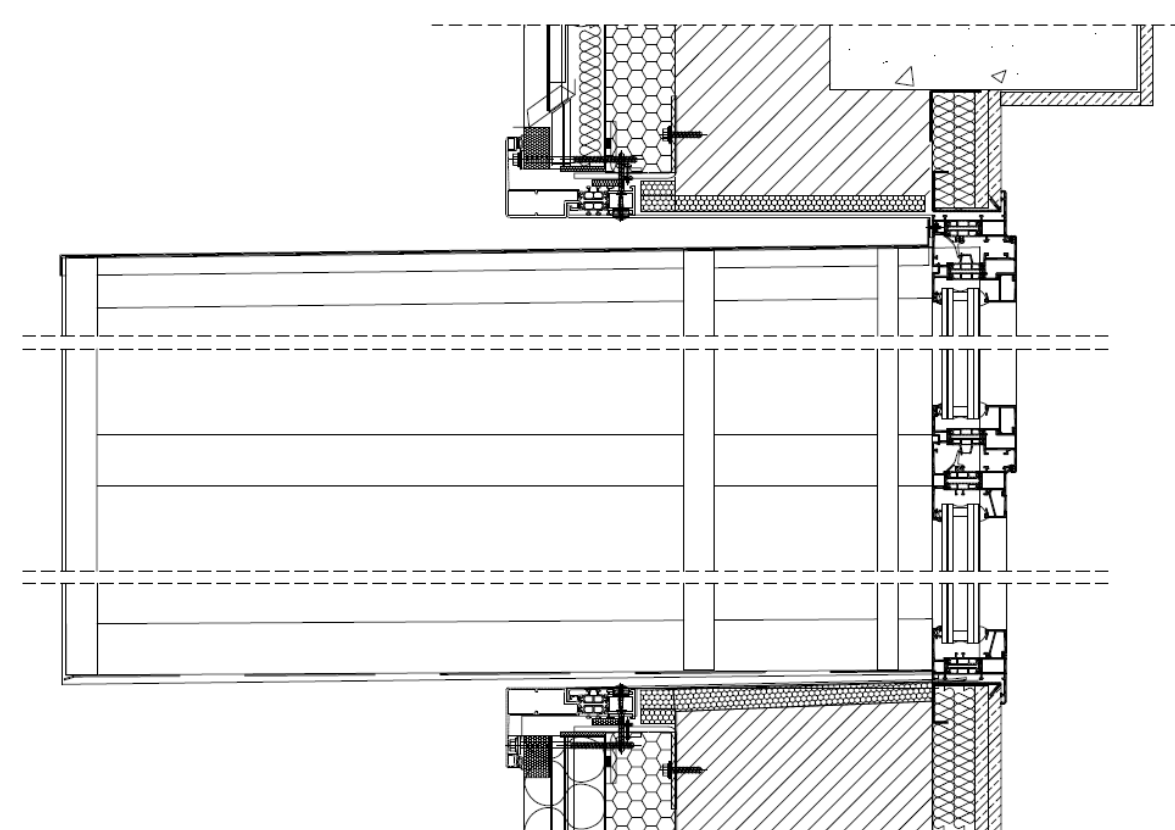
year and location

2009, Italy

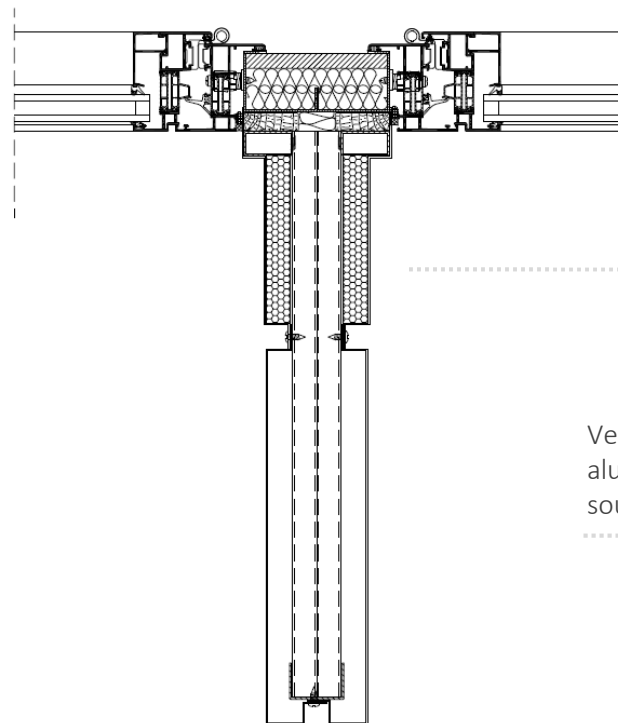
description

Opaque façade in alucobond cladding, aluminum framing windows with thermal break, insulated glass units.  
Aluminum lamellas shading device in front of the curtain walling at South elevation  
Alucobond vertical obstructions on East and West elevations

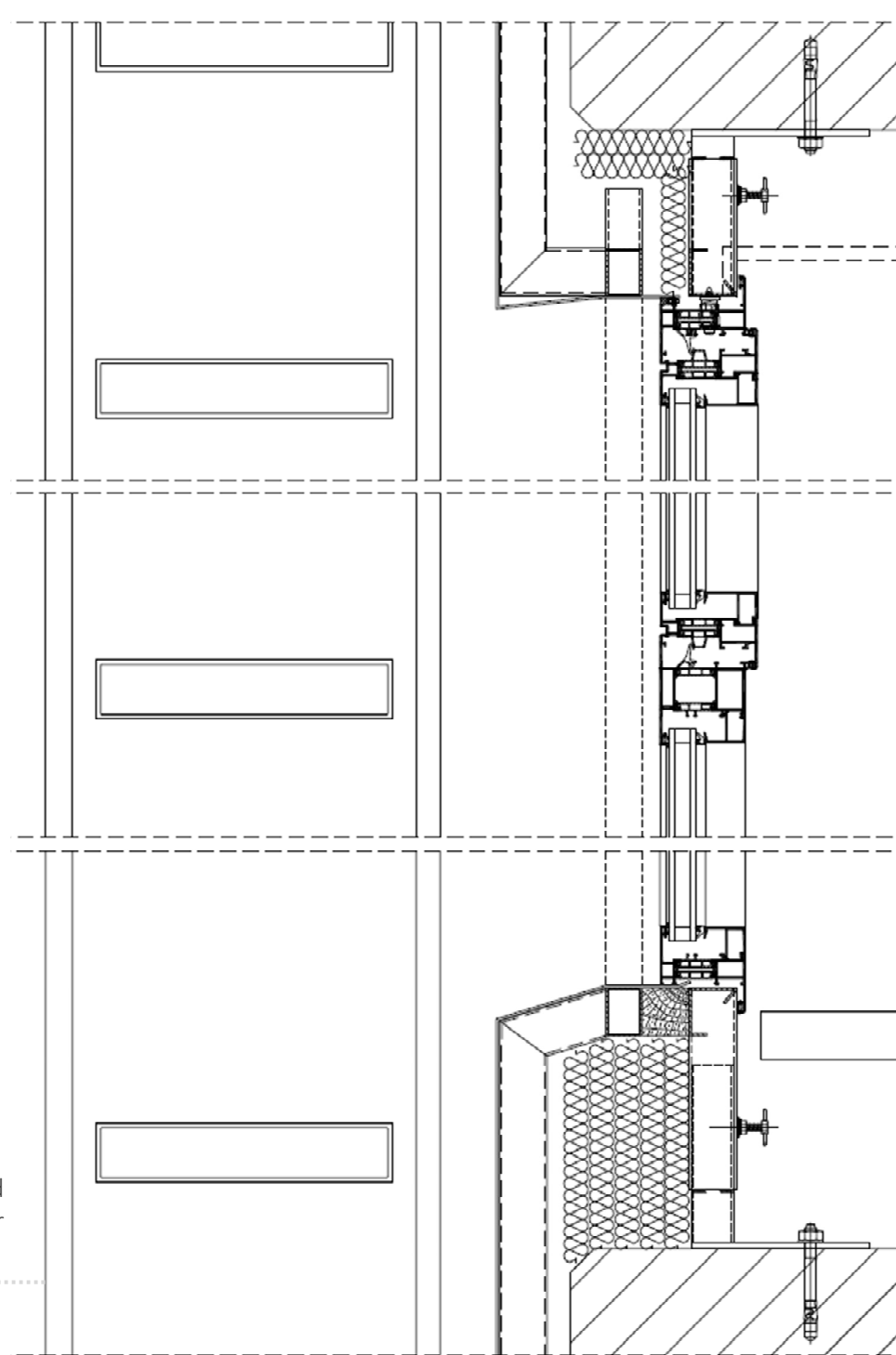




Vertical and horizontal section of opaque façade with aluminum windows with alucobond panels for vertical obstructions and its aluminum supporting framing.



Vertical section of alucobond cladding façade and aluminum windows with fixed aluminum lamellas for south elevation.





project name

# Driving centre

final use

Sport

architect

AMDL Studio – Arch. De Lucchi

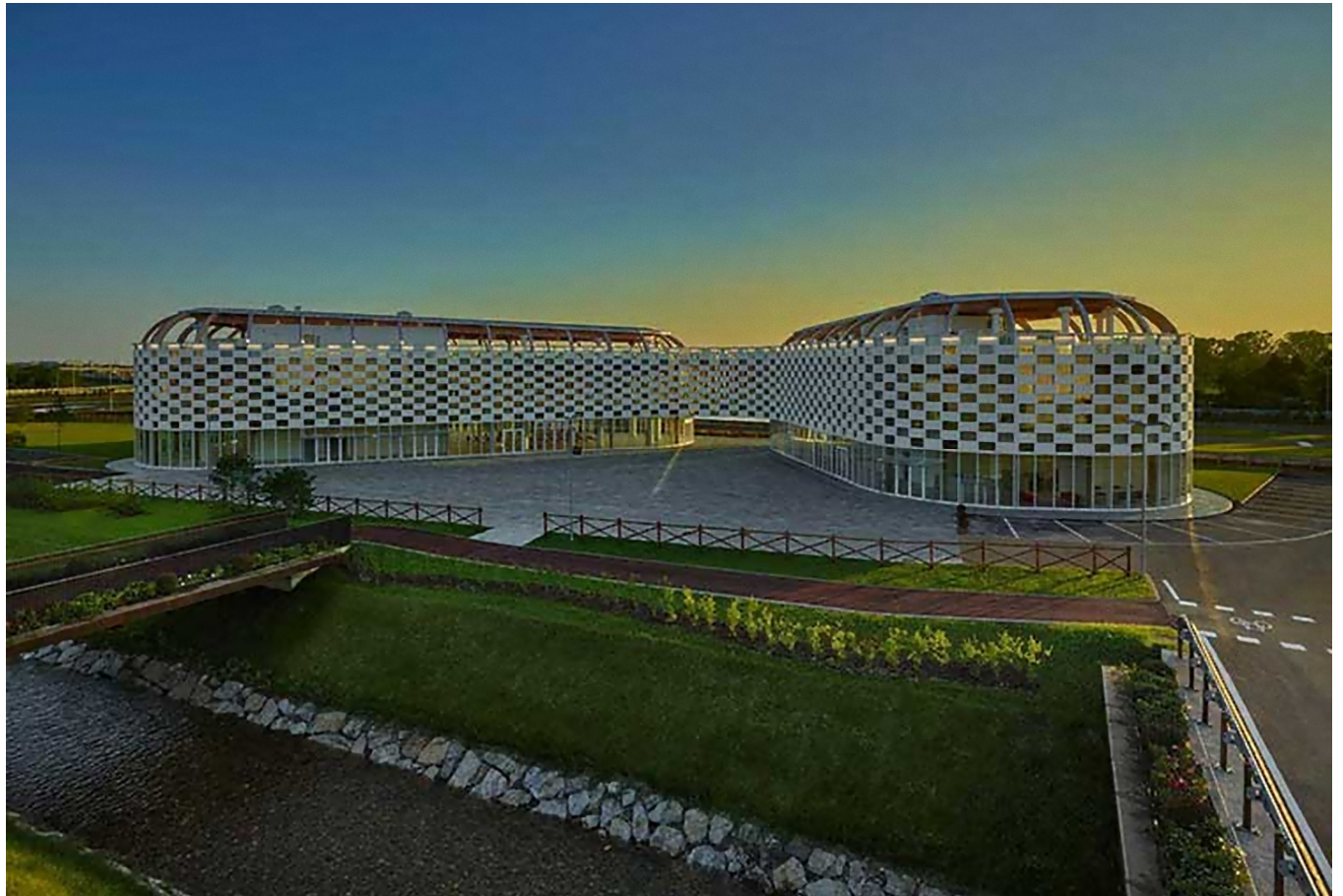
year and location

2015, Italy

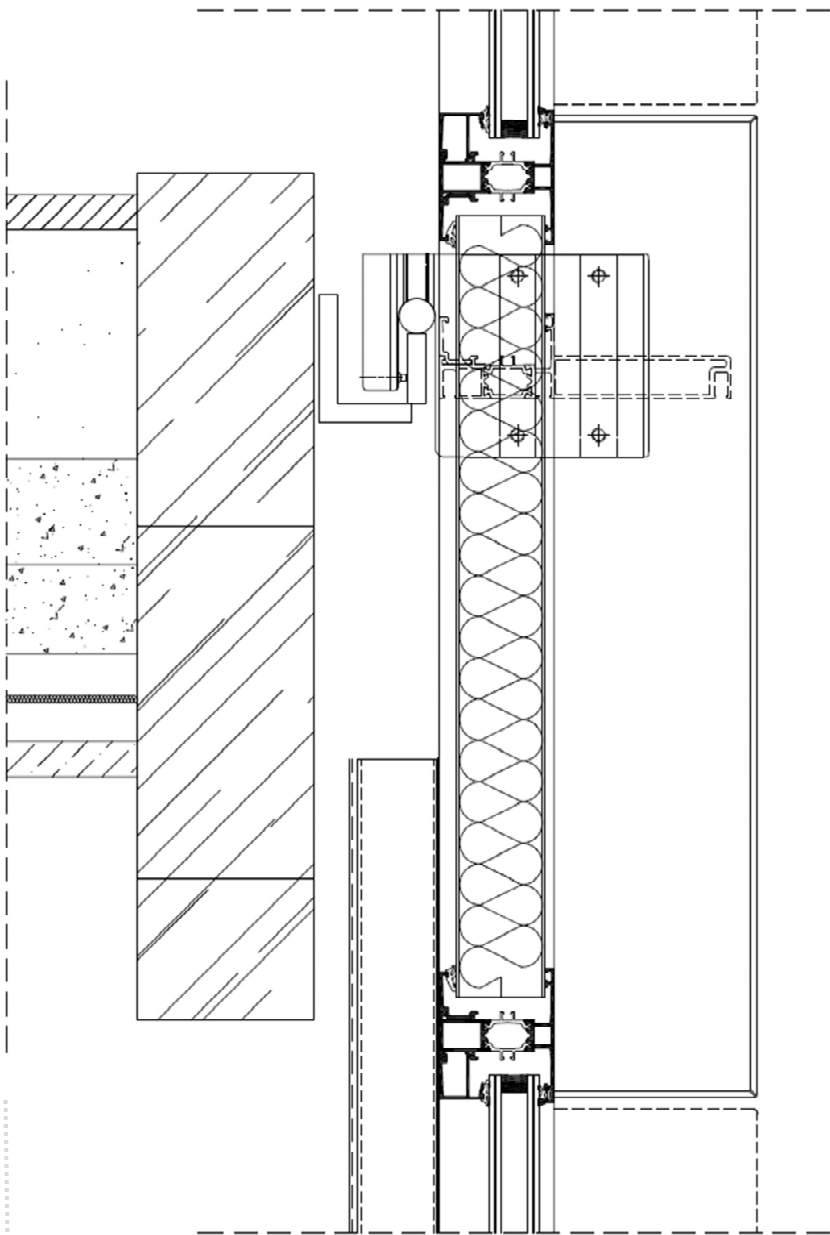
description

Storefront: stick system curtain walling with insulated glass units and folding entrance doors.

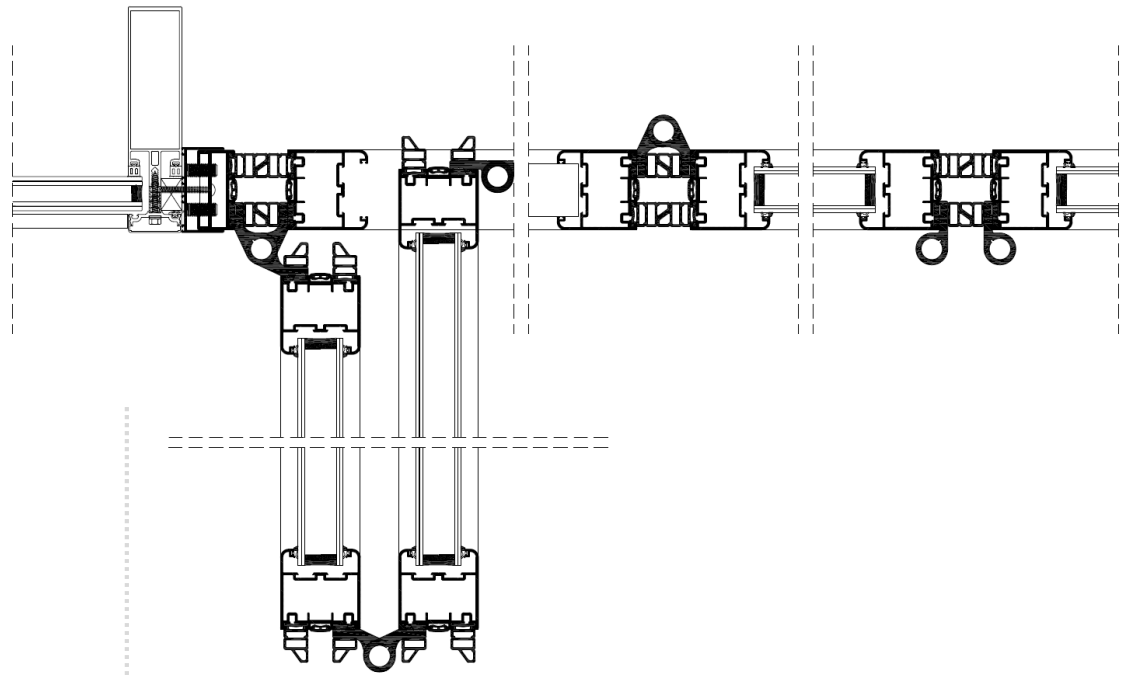
Main Building: window wall system made of aluminum framing system with thermally broken profiles, insulated glass units and opaque boxes with insulated back panel and alucobond finish.



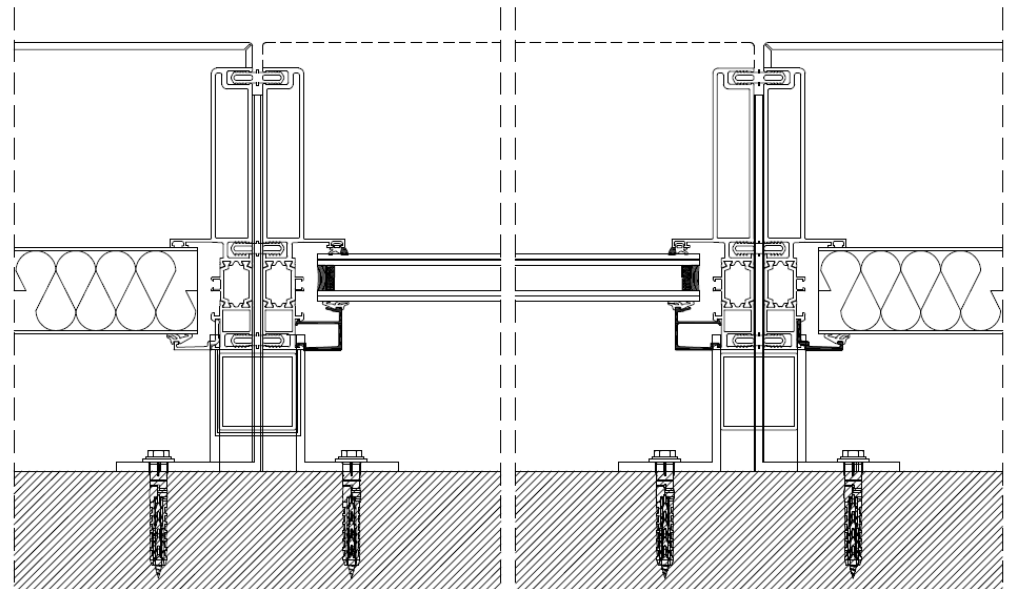




Horizontal and vertical section on window wall: aluminum framing system with thermally broken profiles, insulated glass units and opaque boxes with insulated back panel and alucobond finish.



Horizontal section – storefront: Aluminum stick system curtain walling with folding entrance doors.



project name

# Swimming pool

final use

Sport

architect

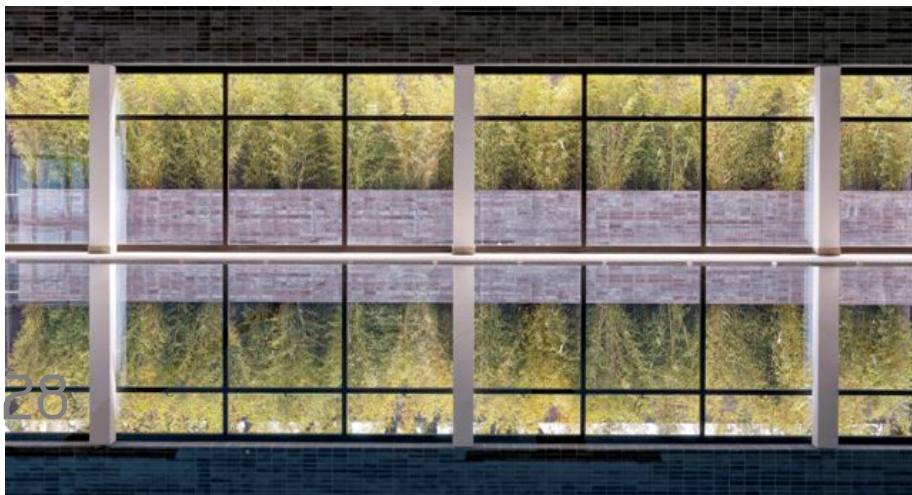
Arch. Camillo Botticini

year and location

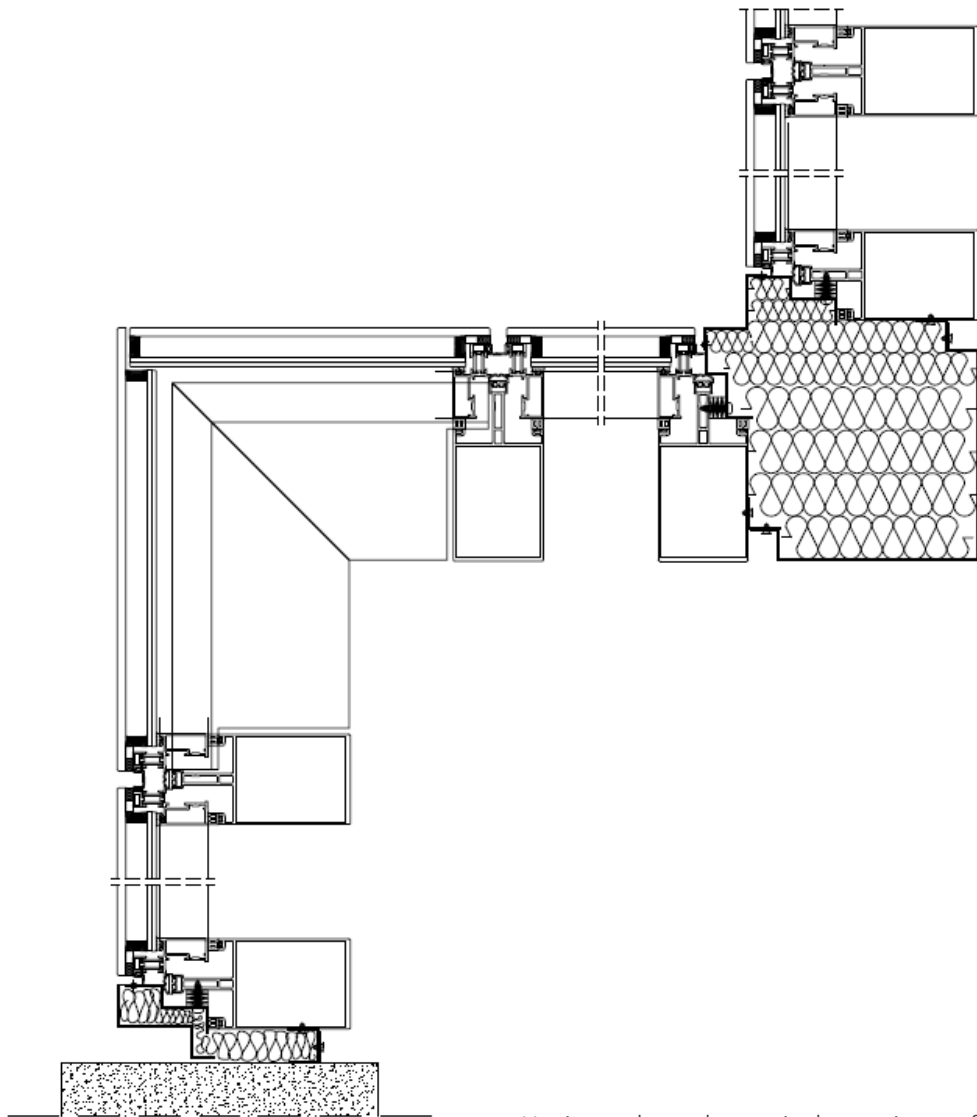
2012, Italy

description

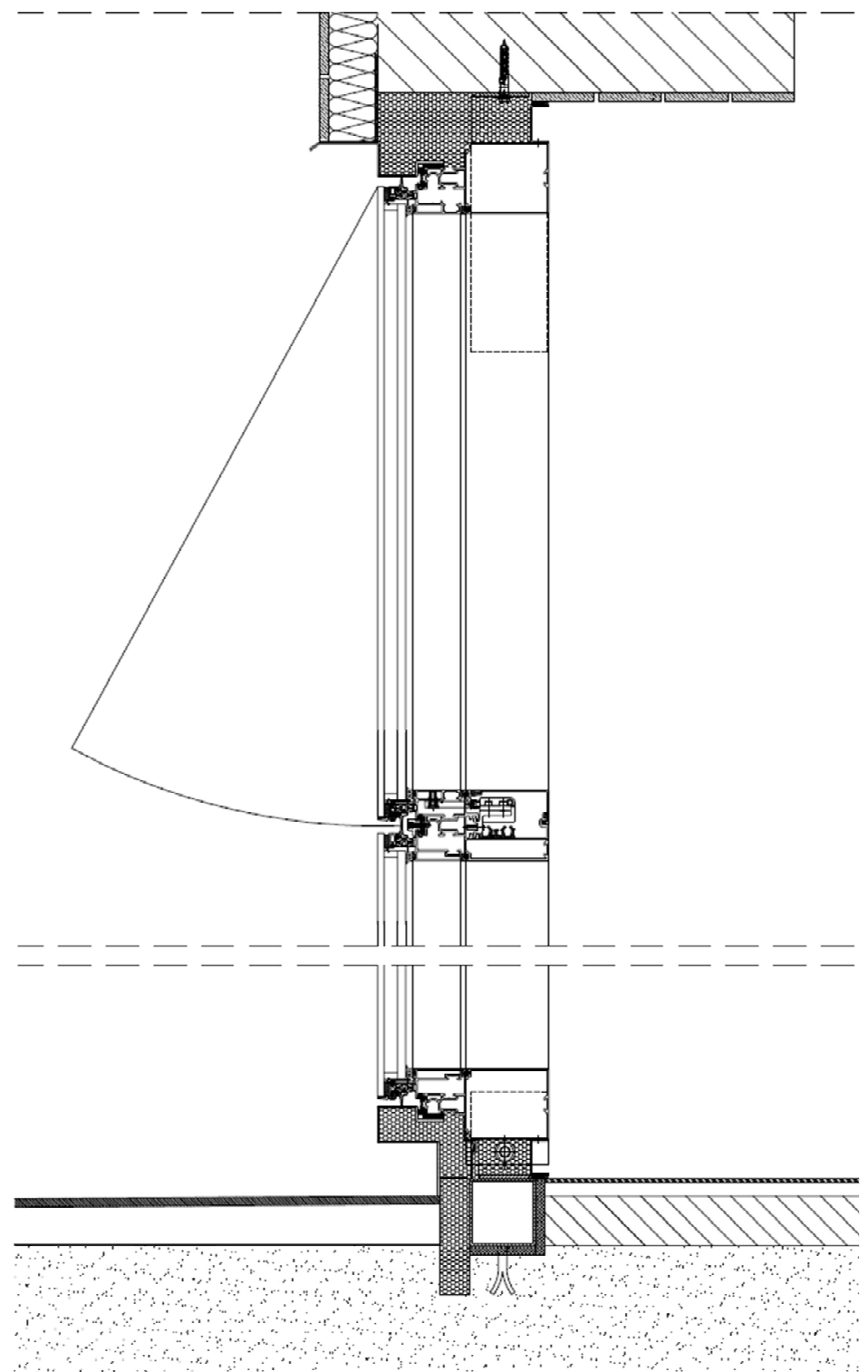
Structural curtain walling system with awning windows.







Horizontal and vertical section of curtain walling: structural curtain walling with insulated glass units low-e – corner details and insulated jamb in conjunction with opaque wall.



project name

# Garda Lake Villa

final use

Residential

architect

Studio C + Farinaro Lepore Architetti Associati

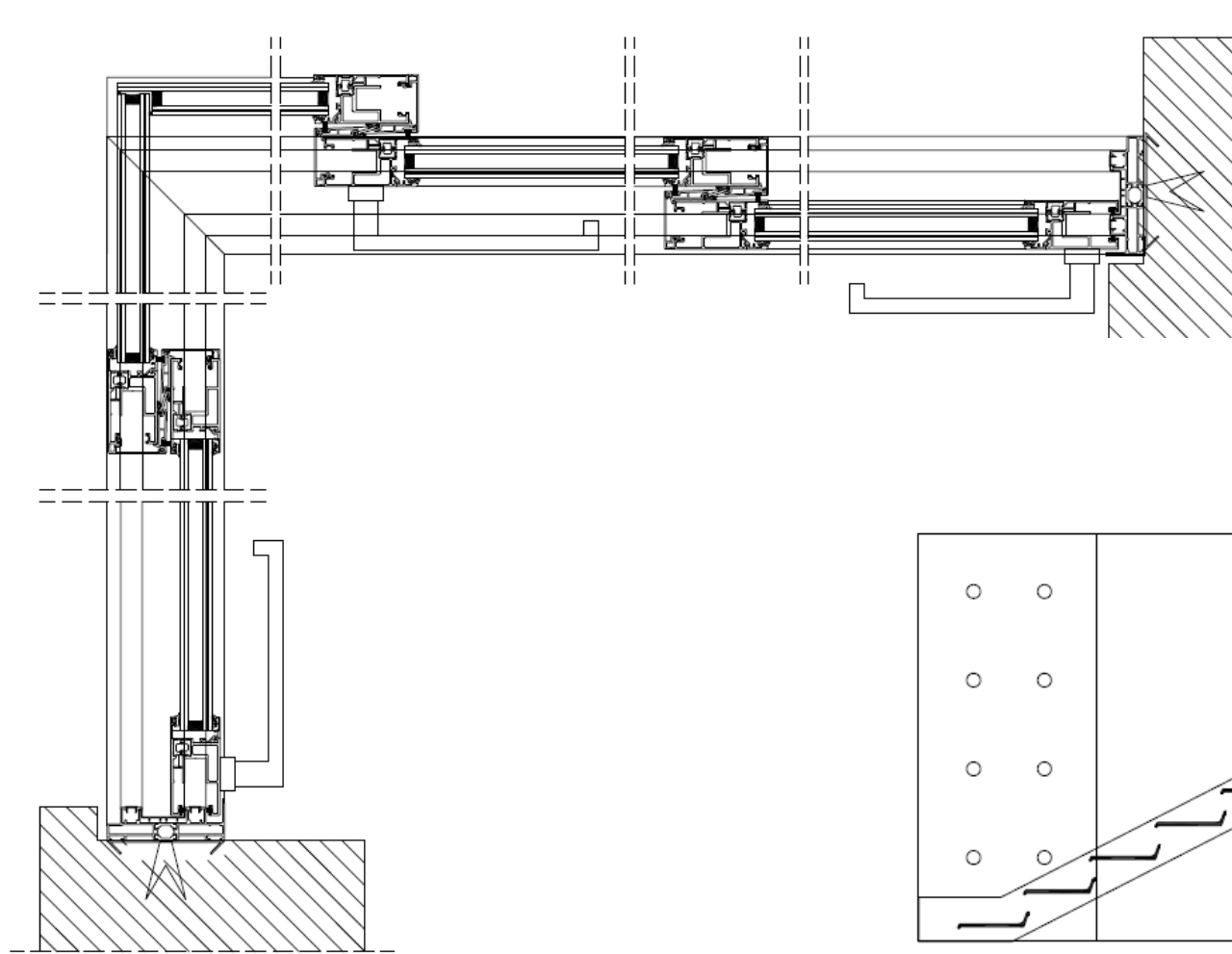
year and location

2010, Italy

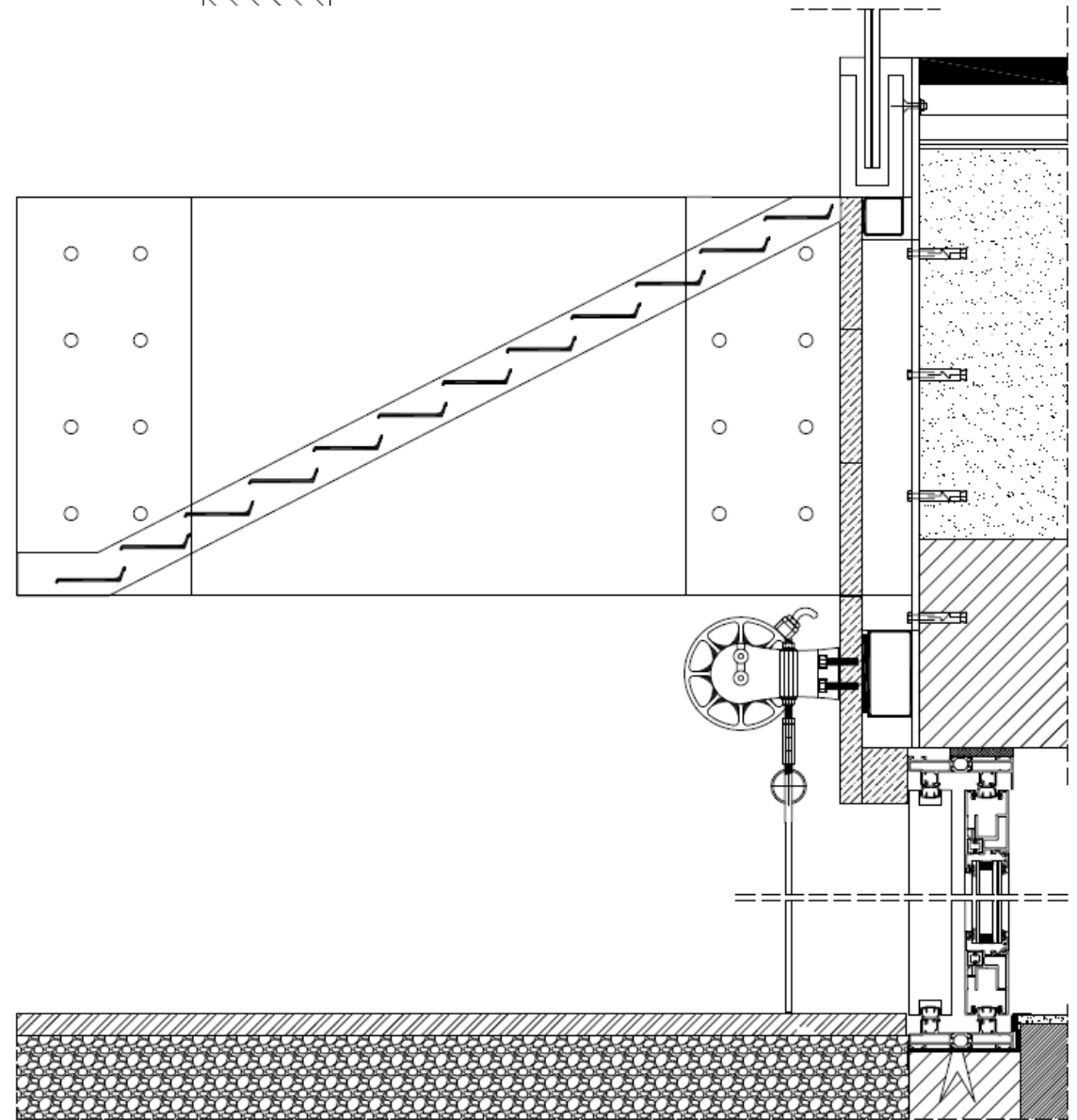
description

Windows made of aluminum framing iron line, corten finishing; swing-opening and sliding windows with flush-mounted supports. Venetian blinds inside the insulated glass unit. Glass parapets with flush-mounted supports. Timber canopy with aluminum fixed louvers.





Sliding doors made of aluminum and with  
Corten finishing  
Sliding windows with flush-mounted supports  
and with structural glass corner  
Glass parapets with flush-mounted supports  
Timber canopy with aluminum fixed louvers  
Outdoor motorized guided blind rollers





project name

# Tabarka Beach Hotel

final use

Resort

architect

Fakher Studio

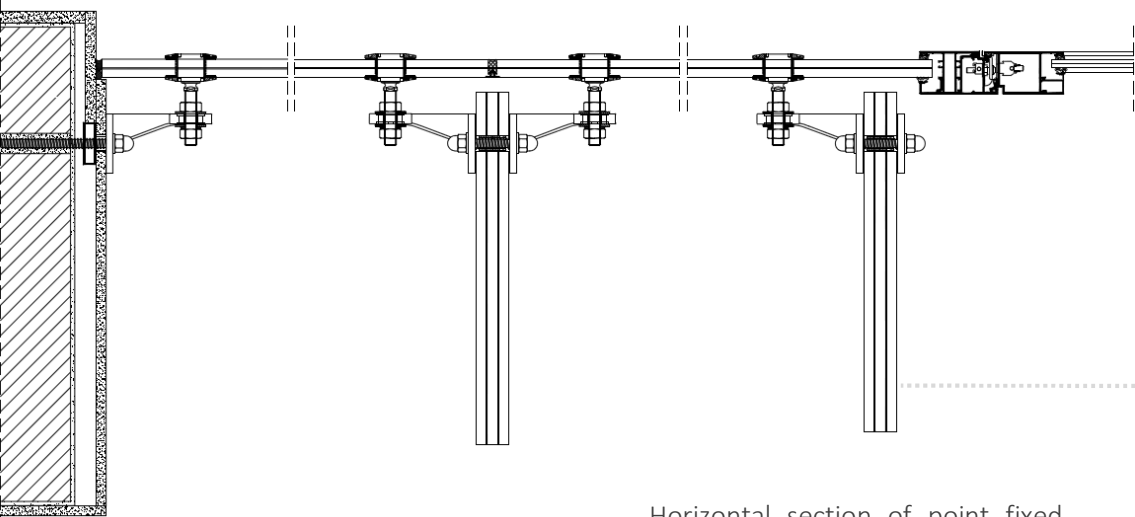
year and location

2011, Tunisia

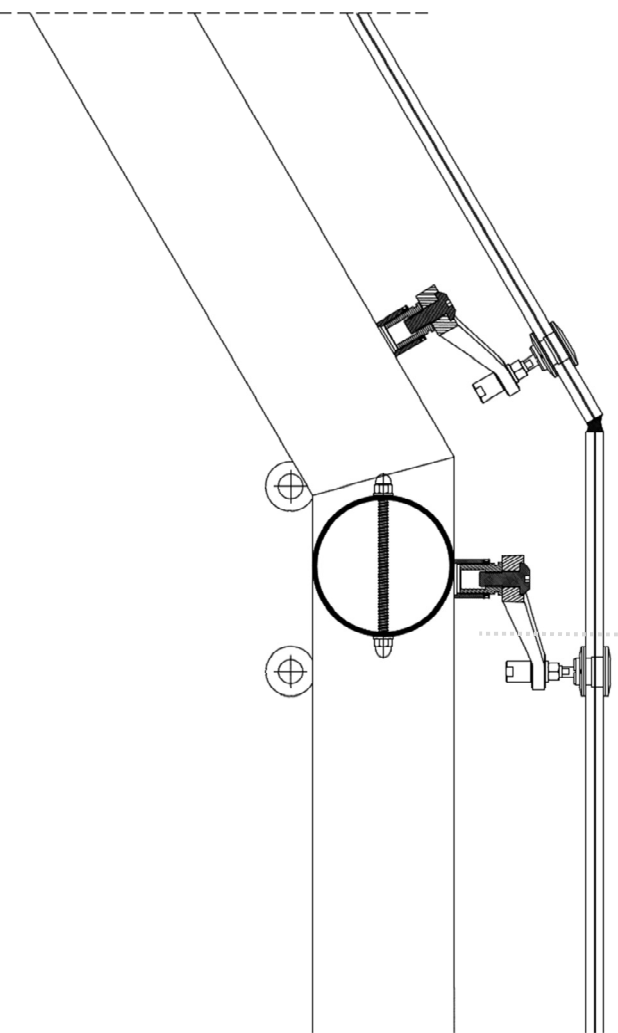
description

Internal hotel pool area with point fixed curtain walling with glass fin mullion and rotules.  
Thalassotherapy area with point fixed curtain walling with stainless steel supporting structure and rotules.  
Windows and doors with thermally broken aluminum framing, Low-e insulated glass units.

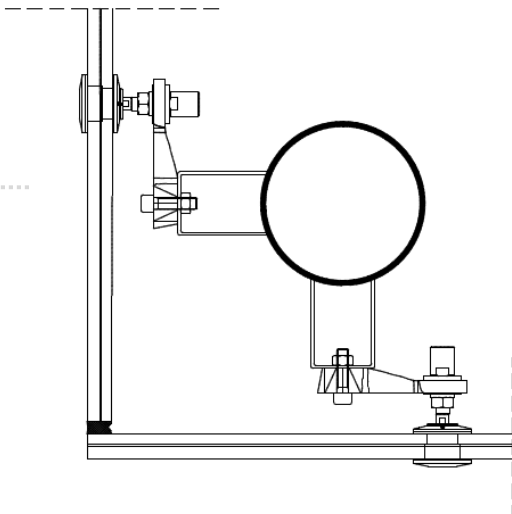




Horizontal section of point fixed curtain walling with glass fin mullion and rotules – outward aluminum exit door with stainless steel finishing.

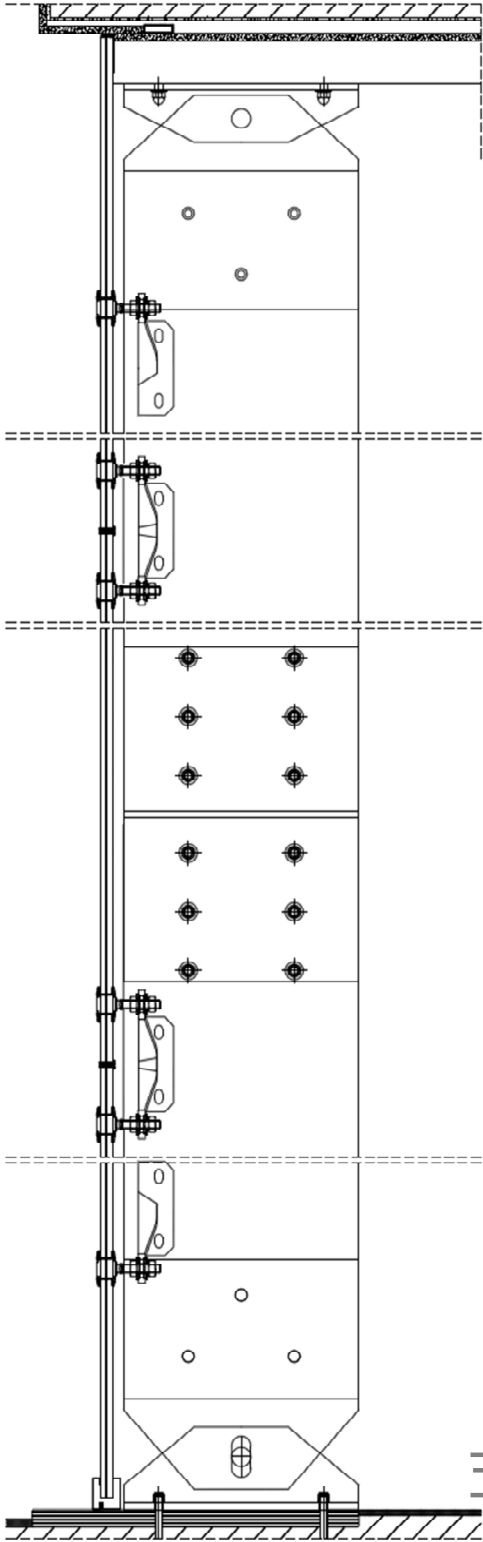


Horizontal section of point fixed curtain walling with stainless steel supporting structure and rotules. Laminated glazing with heat toughened and heat strengthened glass and SGP interlayer – corner detail



Vertical section of point fixed curtain walling with stainless steel supporting structure and rotules. Laminated glazing with heat toughened and heat strengthened glass and SGP interlayer – typical detail

Vertical section of point fixed curtain walling with glass fin mullion and rotules. Laminated glazing with heat toughened and heat strengthened glass and SGP interlayer. Stainless steel connections.



project name

# Perenco Gabon

final use

Executive offices

architect

ArchiPro

year and location

2013, Gabon

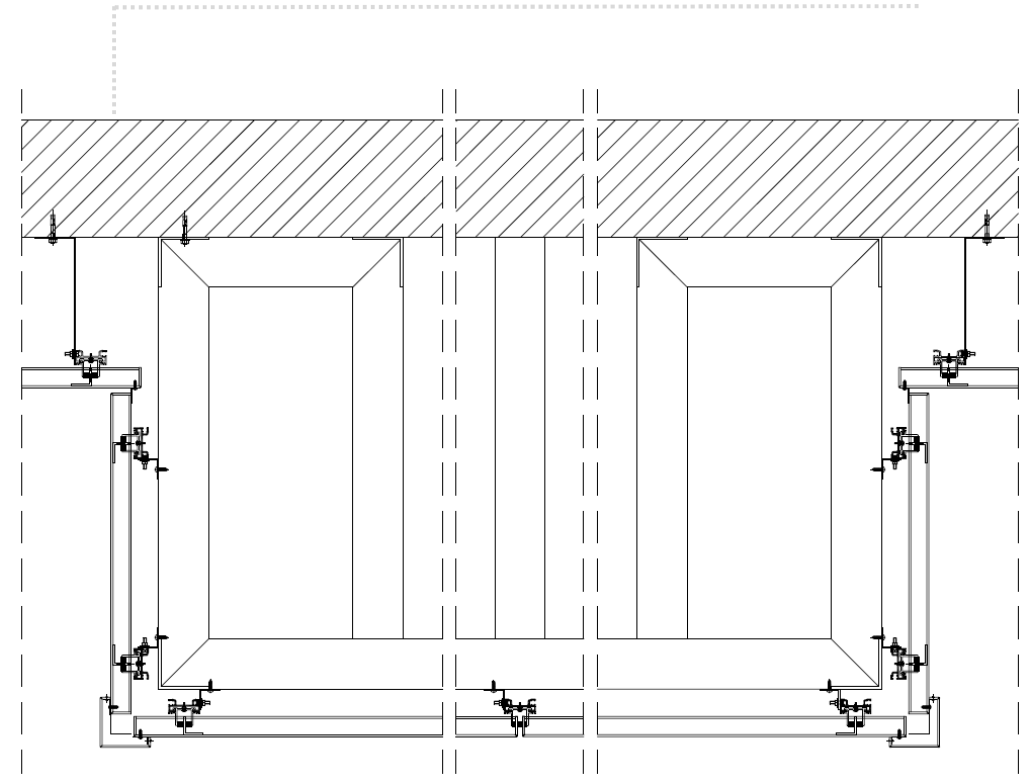
description

Stick system aluminum curtain walling with low-e insulated glass units; ventilated rain screen façade with alucobond cladding with openable windows.

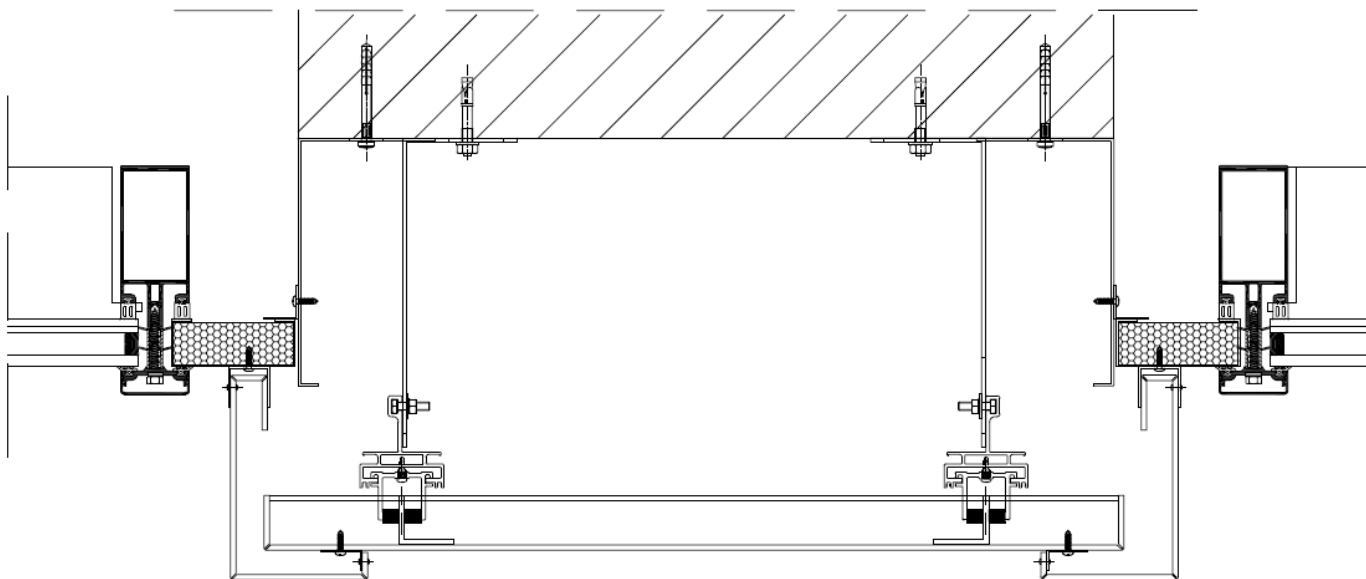




Horizontal section on opaque façade: ventilated rain screen façade with alucobond cladding fixed to the supporting structure.



Vertical section on curtain walling: stick system aluminum curtain walling with low-e insulated glass units; connection with opaque façade with external copings and fixing brackets.



Horizontal section on curtain walling: stick system aluminum curtain walling with low-e insulated glass units; connection with opaque façade.

