

Giordano-Bruno Cristinelli
Architect

COLLABORATION WITH MGHS LTD INTERIOR DESIGN FOR THE STUDY OF TWO LUXURY APARTMENTS London - U.K. Collaboration

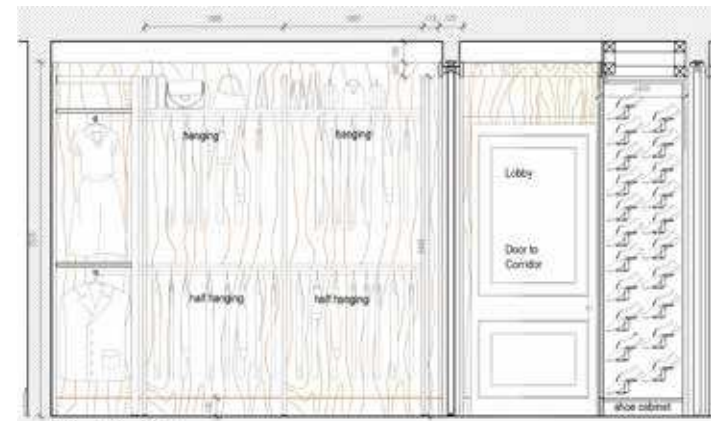


A view of the palace from the street

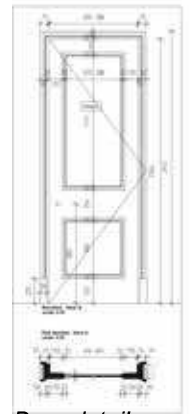
Freelance collaboration with MGHS Ltd Interior Architecture Design in London for the study and design of two luxury apartments in the heart of London. In the first case, the professional service concerned the design of new cabinets and joinery. In the second case, I was responsible for the verification of some measures in site and detailed drawings of all the doors of the apartment.



Some examples of the joinery designed and realized in Sketchup



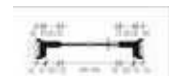
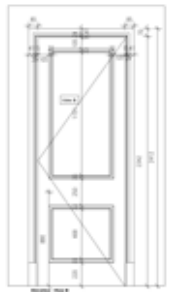
Section - elevation on the dressing room and lobby



Door detail



Elevation of the cupboard in the livingroom



details of the door and room's frame



Sketchup view of three rooms from above



Apartment's plan.

CRITICAL RELIEF AND DEGRADATION'S ANALYSIS OF THE PUMP'S BUILDING OF STONELEIGH ABBEY

Stoneleigh - U.K. Collaboration



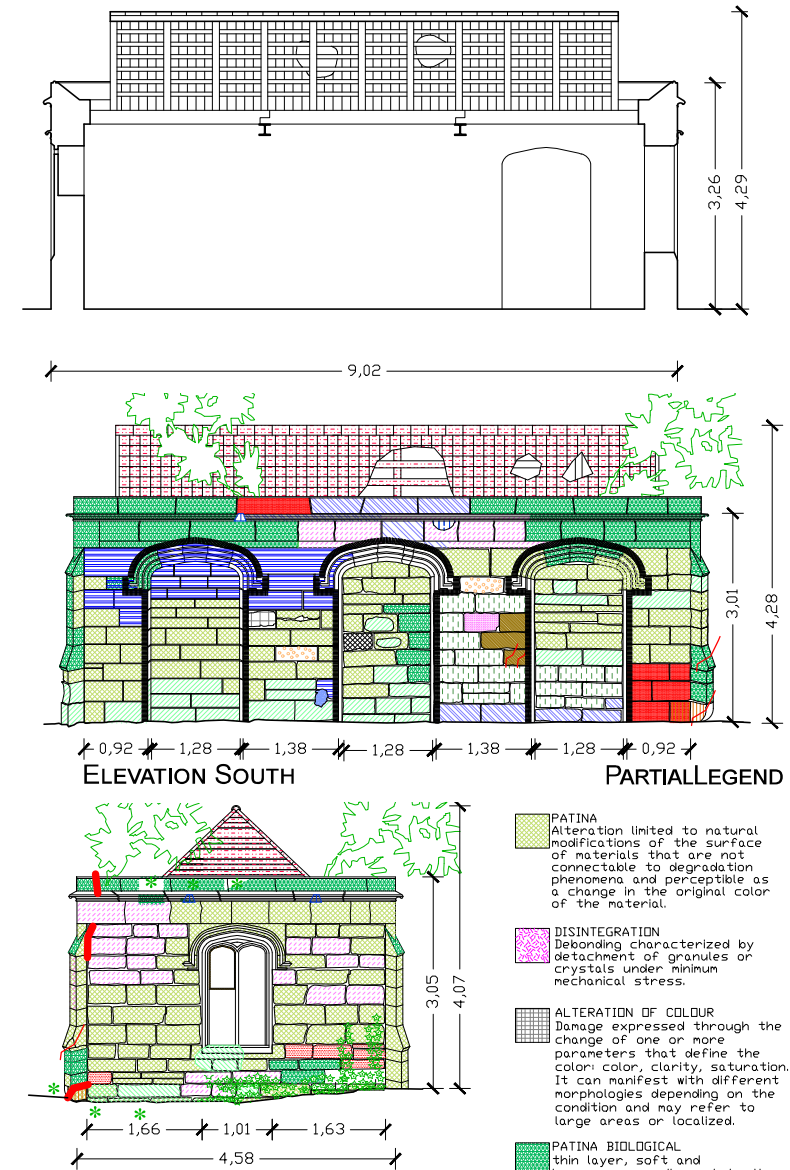
Stoneleigh Abbey's epoch view from the park.

Stoneleigh Abbey is a Grade I listed building. Inside its park, designed by Humphry Repton, there is a small nineteenth-century building that housed the pump for recycling water of the artificial lake. At the request of the professional in charge, I was involved in the relief of the artifact, photographic report, and the analysis of the degradation and structural instability and to provide the first indications for the possible restoration.



The manufactured article for the pump today abandoned.

ANALYSIS OF DEGRADATION



PERFORMANCES PERFORMED

- ✓ Architectural survey
- ✓ Analysis of degradation
- ✓ Drawings
- ✓ Photographic report

CRUIS TERMINAL DESIGN INTO THE VENICE LAGOON

Venice - Private client



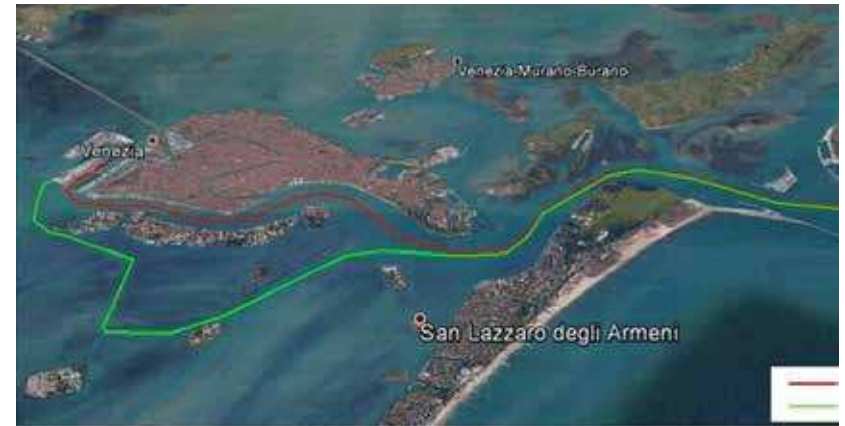
The impact of large ships on the landscape of the city.



Preliminary design for the creation of two main docks and other ancillary structures situated at the North edge of the Venetian lagoon aimed to solve the scourge of the course ships access into the lagoon. Realization of the visual renderings, budgeting, the drafting and the final writing report for the observance of the scenic and environmental constraints presented to the Ministry of Environment.



The mouth of the harbour of the Lido of Venice.



The two trails of the small boats from the harbor mouth.



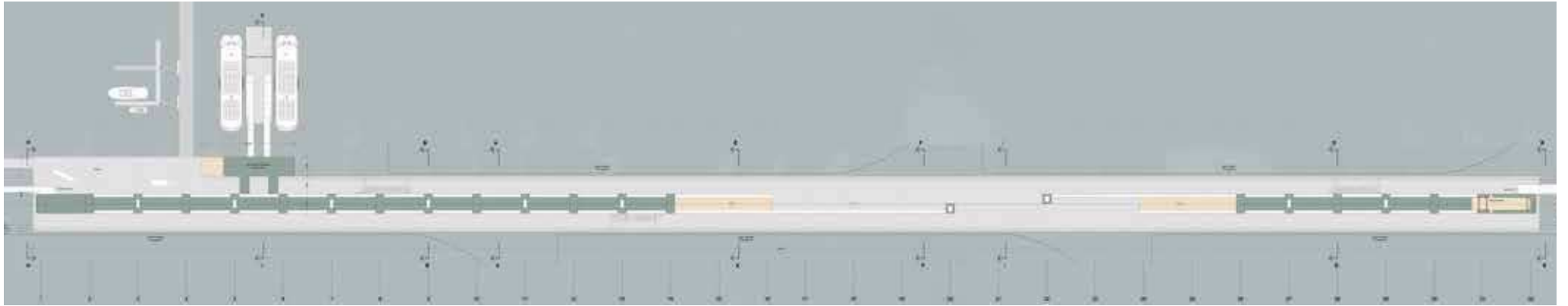
Waterfront towards the lagoon with views of the link to the mainland bridge.



Perspective view of the quay towards the sea.

PERFORMANCES PERFORMED

- | | |
|--|---------------------------------|
| ✓ Drawings | ✓ Render |
| ✓ Coordination with the administrative offices | ✓ Landscape feasibility study |
| | ✓ Relationships with the client |



Plan of roofing.



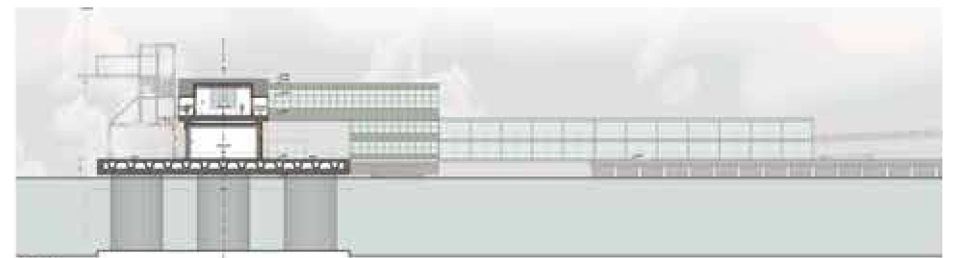
North-East Elevation.



South-West Elevation - Detail.



North-East elevation - detail.



Prospectus of the link to the mainland with section of the main body.

CONSERVATION AND RENOVATION OF "VILLA FÜRSTENBERG"

Marocco (Venice) - Private client



Historic House of the 18th century. Final design, working plan and construction management. The Villa belonged to a Venetian aristocratic family who used, during the summer season, to move on the countryside for administering its lands. The property has now restored and renovated and is the headquarter of a well known private bank.



Same spaces of the villa before and after the restoration.



Same spaces of the villa after the restoration.



PERFORMANCES PERFORMED

- ✓ Analysis of degradation
- ✓ Drawings
- ✓ Relationships with suppliers and craftsmen
- ✓ Coordination with the administrative offices
- ✓ Relationships with the client
- ✓ Construction manager assistant
- ✓ Design according to the RIBA stages
- ✓ Photographic report

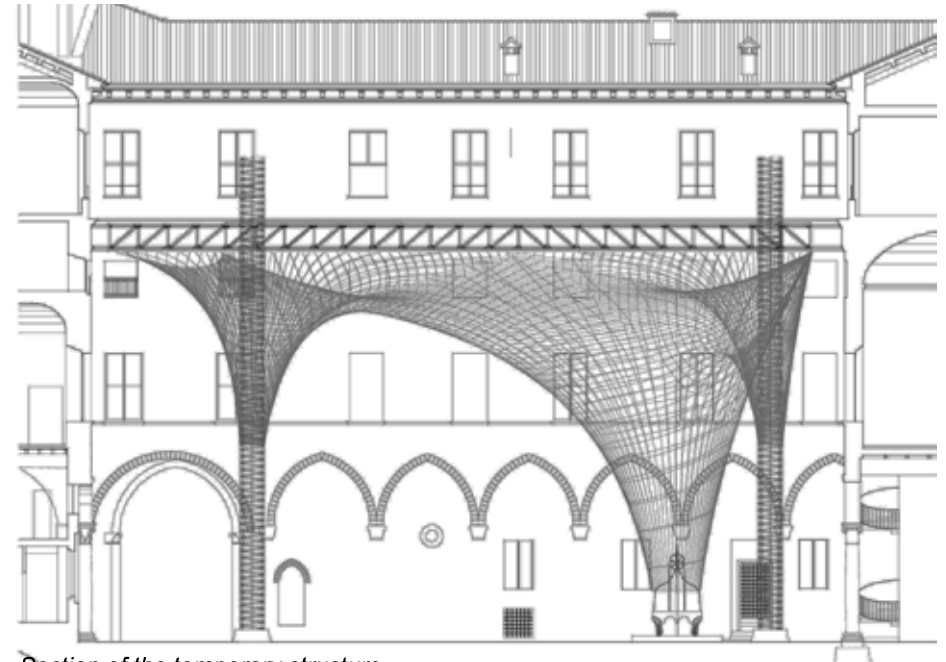
DESIGN FOR THE CONSTRUCTION OF A MOVABLE COVERING INTO THE BACK YARD OF "CASTELLO ESTENSE" Ferrara - Public client



A 14th Century Castle. Preliminary and definitive design for the realization of a moving covering for the internal courtyard of the castle, valuating both the structural restrictions and the public use for manifestations, exhibitions and performance. The castle is the symbol of the city of Ferrara and one of the best preserved in Italy.



The temporary structure.



Section of the temporary structure.



PERFORMANCES PERFORMED

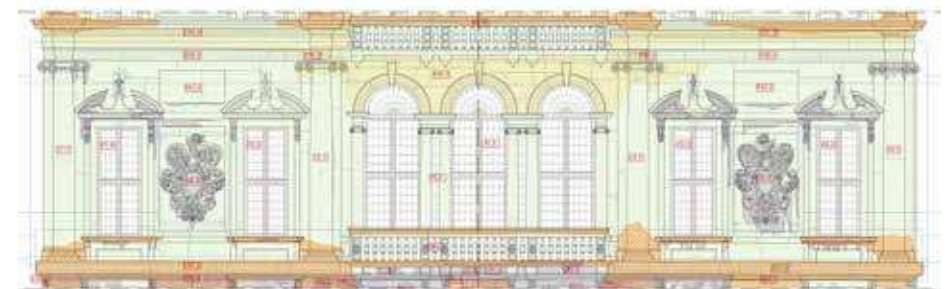
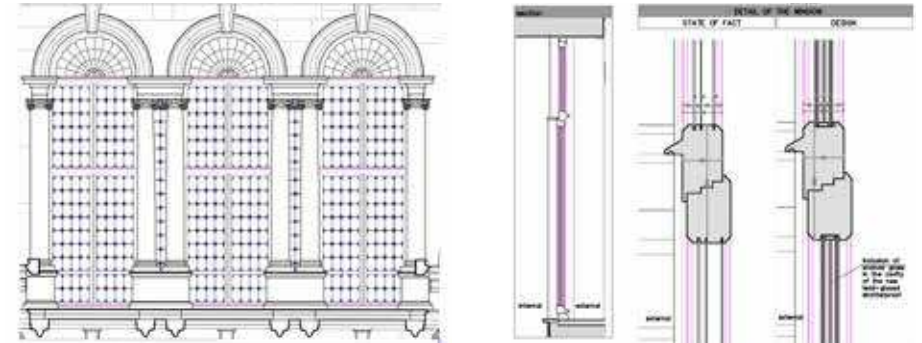
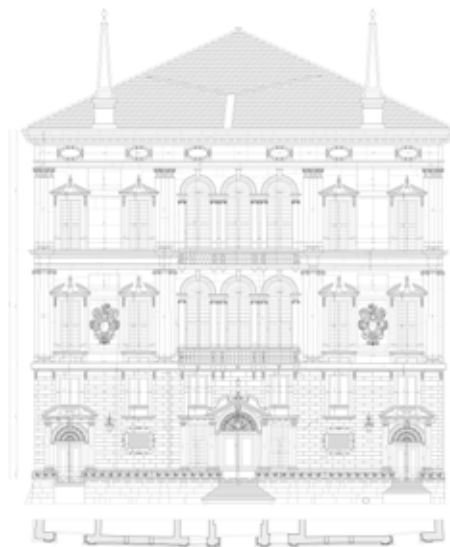
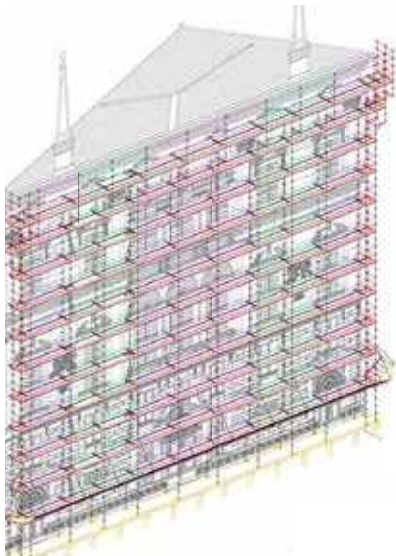
- | | |
|--|--|
| ✓ Project manager | ✓ Relationships with the client |
| ✓ Coordination with the administrative offices | ✓ Relationships with suppliers and craftsmen |
| ✓ Photographic report | ✓ Render |
| ✓ Graphic layout | ✓ Preliminary design |
| ✓ Drawings | ✓ Architectural survey |

CONSERVATION OF THE FACIADE ON THE GRAND CANAL OF “PALAZZO BALBI”

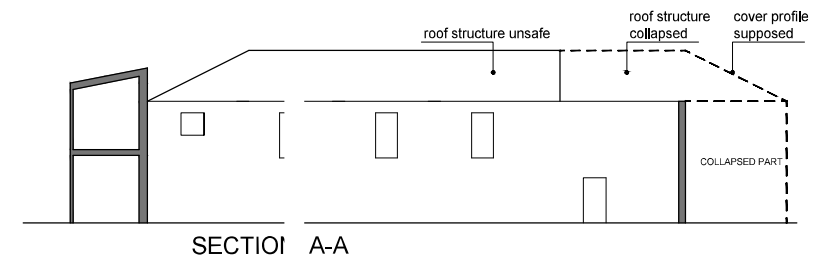
Venice - Public client



A 16th century patrician palace on the Grand Canal, seat nowadays of the President of Veneto and of the regional council. Final design, working plan and construction management for the façade restoration. The project required also the compliance with safety and insulation standards of the palace's old stained glass window. The design and craftsmanship challenge was precisely this one: keep adapting original glasses to today's comfort levels without altering the overall image of the façade.



SECTION D-D - ELEVATION SOUTH EX CINEMA



PERFORMANCES PERFORMED

Architectural survey
Coordination with the administrative offices
Drawings
Photographic report
Analysis of degradation

Relationships with the client
Relationships with suppliers and craftsmen
Construction details
Preliminary design

RENOVATION OF THE ANCIENT VILLAGE OF
“CAMPO DI BRENZONE”
Brenzone (Verona) - Private client



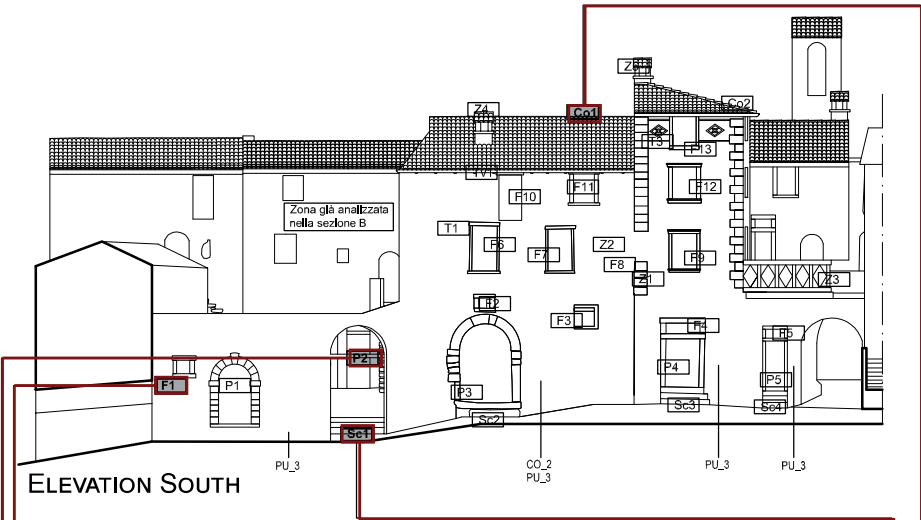
A foreshortening on the medieval suburb.

“Campo di Brenzone” is a small uninhabited settlement on the eastern side of Lake Garda, set in a landscape of great environmental importance. His few houses are deeply degraded and some of them next to collapse.
The project includes residential and hotel settlements that do not involve any new construction, in full compliance with existing spatial distribution, consolidation of all structures and restoration with finishes integrations. It is expected in the project also the adjustment of the narrow road that connects the core with the neighboring villages.



Views of the state of abandonment and degradation of the village.

ANALYSIS OF DEGRADATION



SUMMARY OF ANALYSIS AND INTERVENTION DIRECTIONS									
code	architectural element	description of the materials and construction techniques	type of degradation	etiology	instability	instability's etiology	conservation measures	directions of intervention	short description
F	F1 Window sezE-F11 sezB-F22	Rectangular window suffered by stones laid dry; it comes in white stone frames worked by chisel. Presence of an iron grating.	spalling erosion vegetation				Co_10 RI_3	Stone elements fixing Stone elements integration	
P	P2 Door (sezE-P11) (sezB-P14)	Majestic archaic portal, with balcony with 4 heads. At the base of the arch, we find a wide lintel chestnut wood equal to half the thickness of the opening; originally there was another lintel, placed about half of the arch development. The door is access from the street to the inner courtyard and is via a stone staircase Sc1. Originally access was limited by an imposing wrought-iron gate that now we find unlit ground.	Vegetation Root pulverization of the joints	weathering's activity	cracking through		PU_1 RI_7 PU_7	weeding exterior doors sanitation timber elements	
S	Sc1 stone stairs	Access steps to the main courtyard. The two lower steps are of stone and mortar of lime and sand masonry, while the last two (the last represents the final threshold) are laid stones. They show different processes and profiles. This suggests a reuse.		weathering's activity lack of maintenance	cracking of the stone steps	the erosion of the part of the weed vegetation mortar joints and the physical chemical action of rainwater have led to the disintegration of the binder and consequently to the stone element fracturing for lack of support	PU_3 CO_5 RI_3 CO_12	cleanse stone surfaces consolidation of the stone elements integration of shaped stone elements consolidation of the stone staircase	
Co	Co1 Roof (sezE-Co2) (sezF-Co2) (sezG-Co1) (sezB-Co3)	Cover with chestnut wood beams irregularly shaped and with irregular distances; above we find a wooden plank made of thin wooden planks in pseudo - regular shape, tiled roof	partial lack vegetation Root	due to the malfunction of the cover, the wood before he was attacked from the elements and after being rotted because of the rains, has fallen; the vegetation that rises from the outer wall, clinging also part of the cover			PU_1 RI_13 RI_17 RI_5	Weeding renovation of the roof structure removal of the roof covering new gutters	

EXAMPLE OF METHODOLOGICAL TABLE

PERFORMANCES PERFORMED

✓ Analysis of degradation Drawings

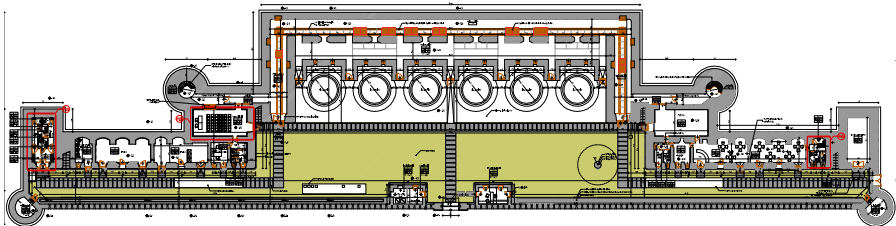
✓ Graphic layout Preliminary design

REGENERATION AND REUSE OF “BATTERIA AMALFI E BATTERIA PISANI” Treporti (Venice) - Public client

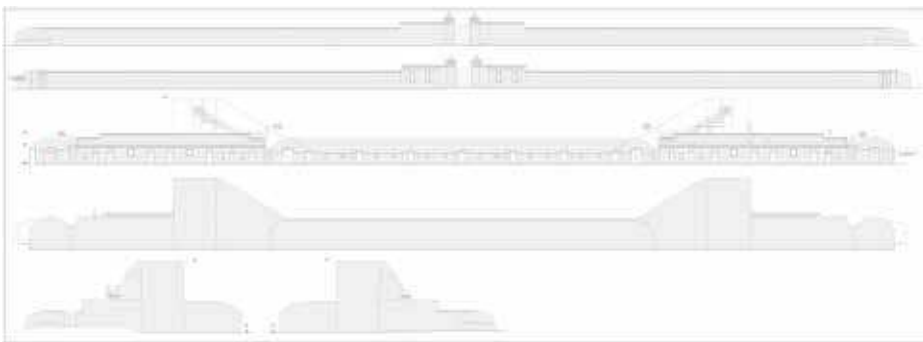


The “Batteria Pisani”.

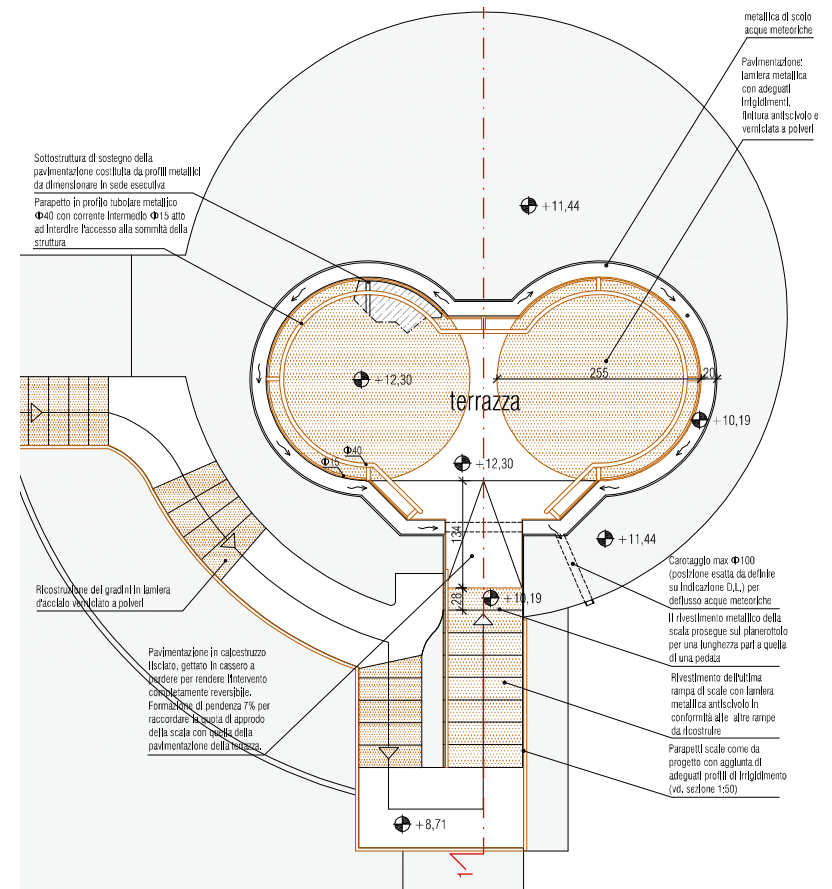
Construction supervision of the project, design of a work in progress version for which it is made necessary a deepening of previous historical investigation. Also managed relations with the local Superintendence for obtaining the authorizations of execution of the variant and for the continuous monitoring of the progress.



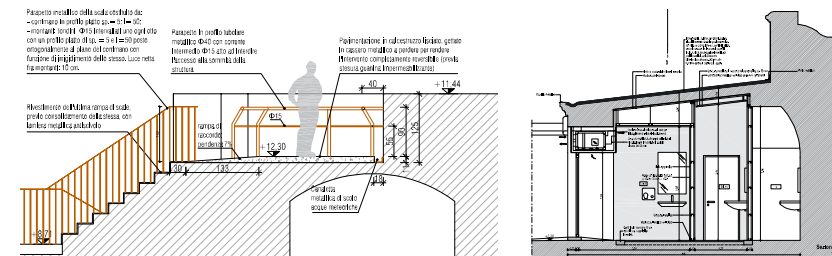
Ground floor map.



Elevations.



Executive details of the building yard.



PERFORMANCES PERFORMED

- ✓ Photographic report
- ✓ Drawings
- ✓ Coordination with the administrative offices
- ✓ Relationships with the client
- ✓ Chief engineer
- ✓ Construction details
- ✓ Floor layout studies

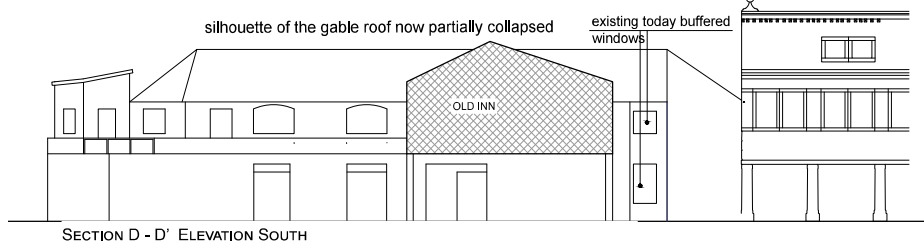
RENOVATION OF “CINEMA IMPERO”

Mirano (Venice) - Public client



Picture perspective with altimetry of the intervention zone.

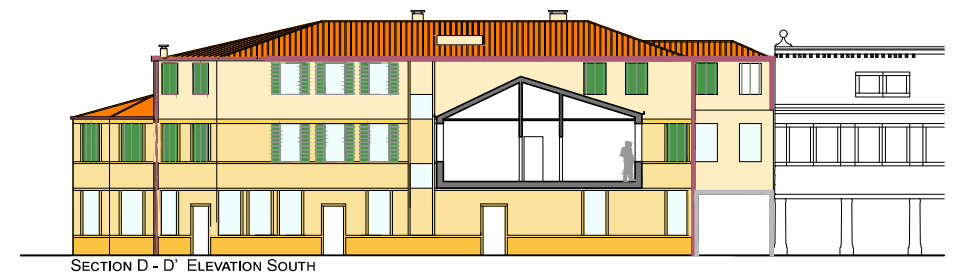
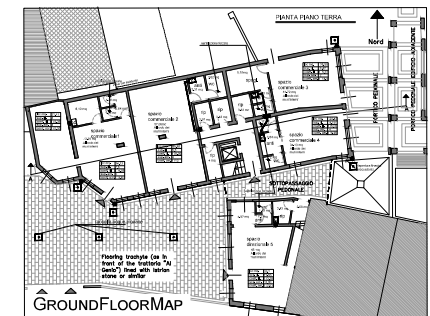
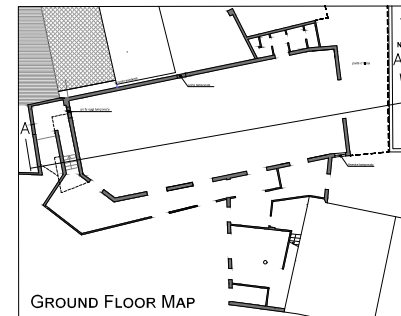
The “Cinema Impero” was a building of the third decade of the ‘900. It is now severely degraded and partially collapsed. The project aims to obtain the “building permit” and involves the restoration of the building and the design of a new floor above ground. The building is flanked by the “Old Inn” of the late eighteenth-century period and numerous accretions disfiguring. The project also includes the renovation of that inn, and the demolition of accretions.



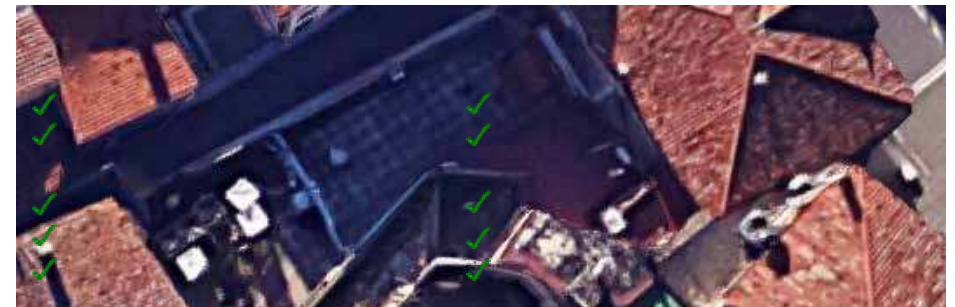
The internal partitions no longer exist.



Cinema - exterior views.



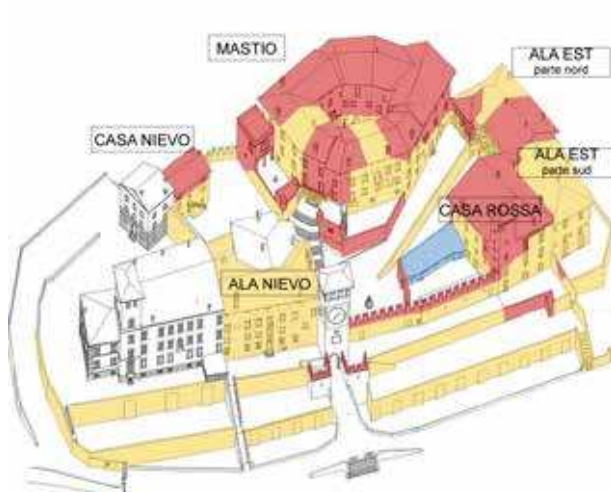
Picture perspective with altimetry of the intervention zone.



RECOVERY AND INTEGRATION OF "CASTELLO DI COLLOREDO" Colloredo (Udine) - Public client



A 14th century castle. Realization of the preliminary design, final design, working plan and construction management for the restoration of the site. The castle was the political and administrative centre of the region over the medieval and renaissance ages. Deeply affected by the earthquake of 1977.



State of the places nowadays, during the works.

Parts to be rebuilt by raising Extensions Surviving parts to be restored
Perspective view of the castle and its components.



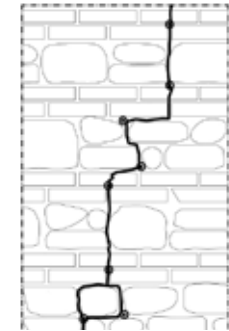
Integrations on the walls.

Detail 2



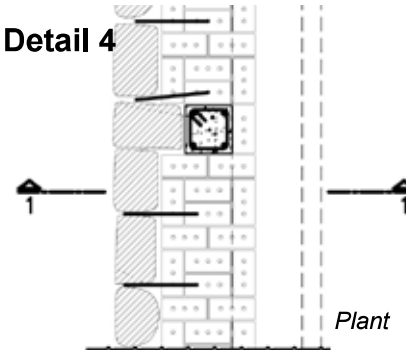
Structural reinforcement of existing masonry: inserting pins through technical "scuci cucu"

Section

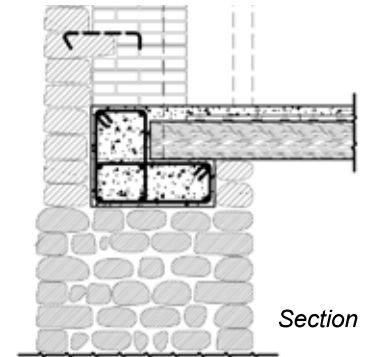


Elevation

Detail 4



Plant



Section

Laying of new floors on the original premises.

PERFORMANCES PERFORMED

- ✓ Architectural survey
- ✓ Relationships with suppliers and craftsmen
- ✓ Drawings
- ✓ Photographic report
- ✓ construction manager assistant
- ✓ Design according to the RIBA stages
- ✓ Analysis of degradation
- ✓ Construction details

RENOVATION OF *KURHAUS*'S FACADE

Meran (Bolzano) - Public client



Kurhaus palace - South facade.

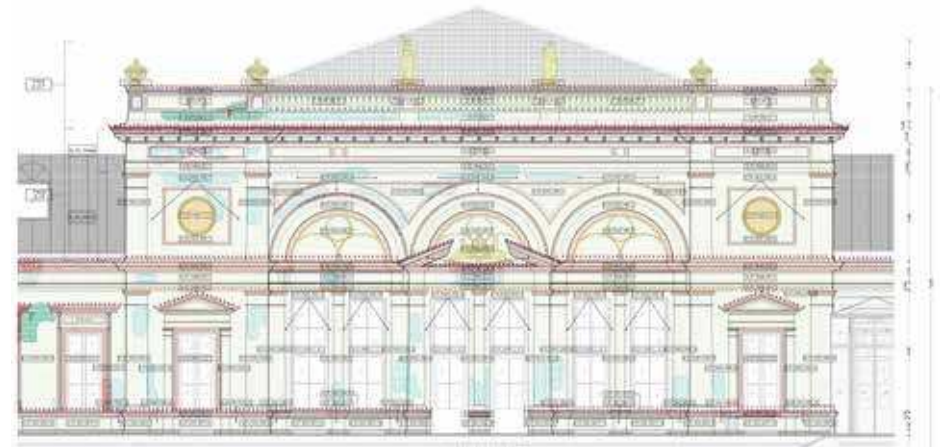
The project involves the restoration of the plasters of the Liberty facades of the former spa nursing home Kurhaus. Particular attention has been applied to the reliefs and the statues in terracotta and plaster on the façades, roof and building surveys. I am currently waiting for approval of the project and then start, grouped with other colleagues, the direction of the work.



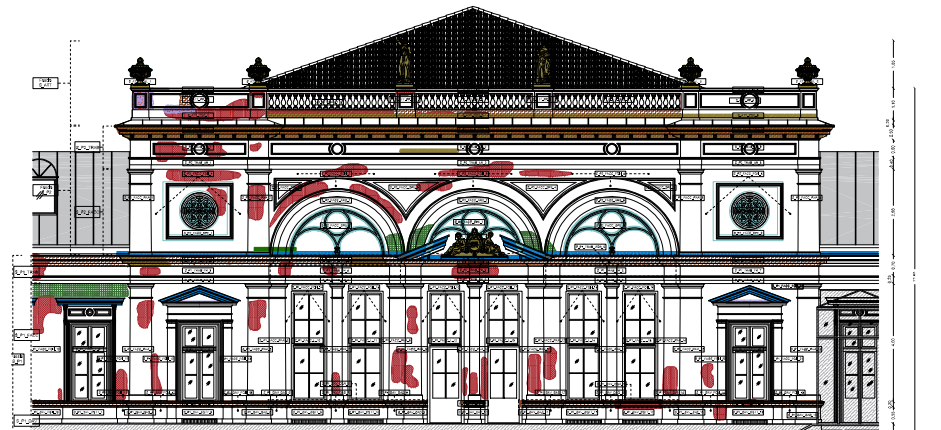
Example of plaster ornaments of a typical window.



Stone dough.



Analysis of degradation on the South facade.



Indication of intervnt on the South facade.

LEGEND OF OPERATIONS	
WORK ON ALL THE FRONT	
2C Surface dissolution	
4B Cleaning	
plaster's operation	
1a Pre-constitution by injections	
2B Demolition with plastering edge	
5B Reconstruction of plasters	
Repairs on the wooden elements	
2d Vacuuming with complete removal, clearing and smoothing	
3e wooden elements constitution	
5e Grouting and reconstruction	
6C Impregnation and repairing wood elements	
Interventions on the metallic elements	
4b Cleanup using manual mechanical means, of a pressurized water jet and any organic-based solvents	

PERFORMANCES PERFORMED	
✓ Design according to the RIBA stages	✓ Coordination with the administrative offices
✓ Project manager	✓ Relationships with the client
✓ Drawings	✓ Architectural survey
✓ Photographic report	✓ Analysis of degradation

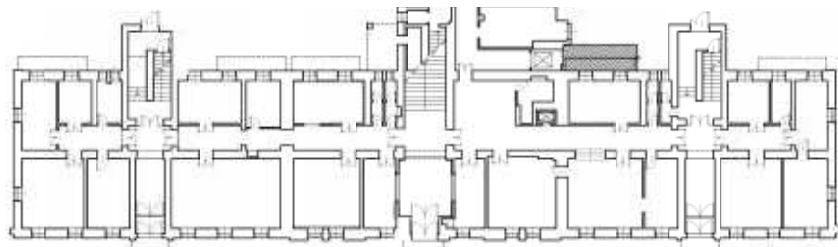
RENOVATION OF “PALAZZO DEI TRE PORTONI”

Gorizia - Public client



The building of “Tre Portoni” in a sight to flight of bird.

A 18th Century Palace, seat of the Gorizia city Council. Preliminary design, final design, working plan and construction management for the conservation and renovation of the building and the creation of new administrative offices.



Elevation of the main facade and first floor plan.



The entrance hall.



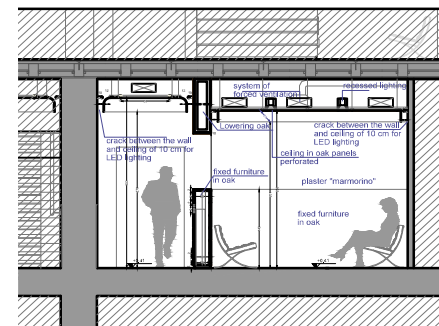
View of the main staircase.



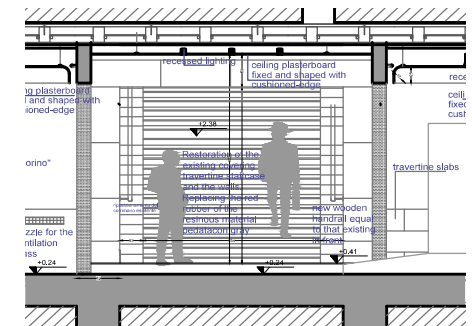
The vaulted cellars.



The attic restored and made accessible.



Section on the waiting room.



Section on the entrance hall.

PERFORMANCES PERFORMED

- ✓ Architectural survey
- ✓ Coordination with the administrative offices
- ✓ Project manager
- ✓ Photographic report
- ✓ Graphic layout
- ✓ Relationships with suppliers and craftsmen
- ✓ Relationships with the client
- ✓ Design according to the RIBA stages
- ✓ Analysis of degradation
- ✓ Chief engineer
- ✓ Render
- ✓ Construction details
- ✓ Drawings

CONSERVATION OF THE FACADE ON THE GRAND CANAL OF “CA’ CONTARINI DAL ZAFFO” Venice - Private client



The facade nowadays, after interven.

End of 15th century - Renaissance Venetian Historic House on the Grand Canal. Design, working plan and construction management for the renovation of the historical facade. The extraordinary esthetic value is given by the polychromic effects of the finest and different marbles and the co-presence of Byzantine, Renaissance and the Tuscany artistic influences perfectly balanced.



Example of black crust of quality surface.



Degradation of instability and scrub.

ANALYSIS OF DEGRADATION



Examples of instability and gap.

SURFACE DEPOSIT	SPALLING
DISAGGREGATION	FILLING AND PATCHES
DETACHMENT	DEPOSIT PROTECTION OF ALTERED - FILM
EROSION	ROOT
FRACTURING or CRACKING	OXIDATION
STAIN	SPRAYING
LACK	EFFLORESCENCE
BIOLOGICAL FILM	CHROMATIC ALTERATION
CONCRETION	FILM
CRUST	ENCrustATION
DEFORMATION	DIFFERENTIAL DETERIORATION
WOODBORING ATTACK	* PRESENCE OF VEGETATION

Legend of degradation

PERFORMANCES PERFORMED

- ✓ Design according to the RIBA stages
- ✓ Analysis of degradation
- ✓ Drawings
- ✓ Photographic report
- ✓ Coordination with the administrative offices
- ✓ Construction manager assistant
- ✓ Architectural survey

RENOVATION OF “CA’ ZEN”

Venice - Private client

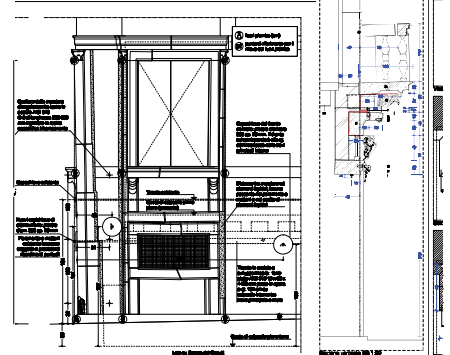
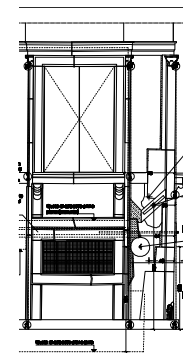
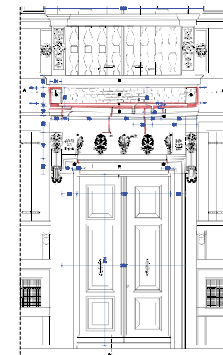
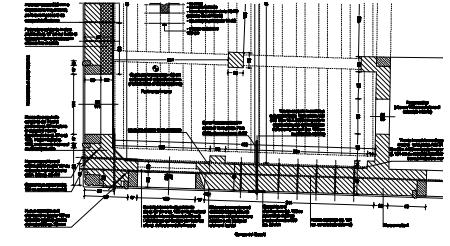
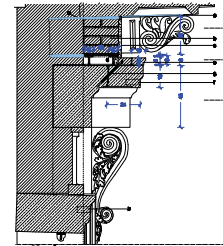
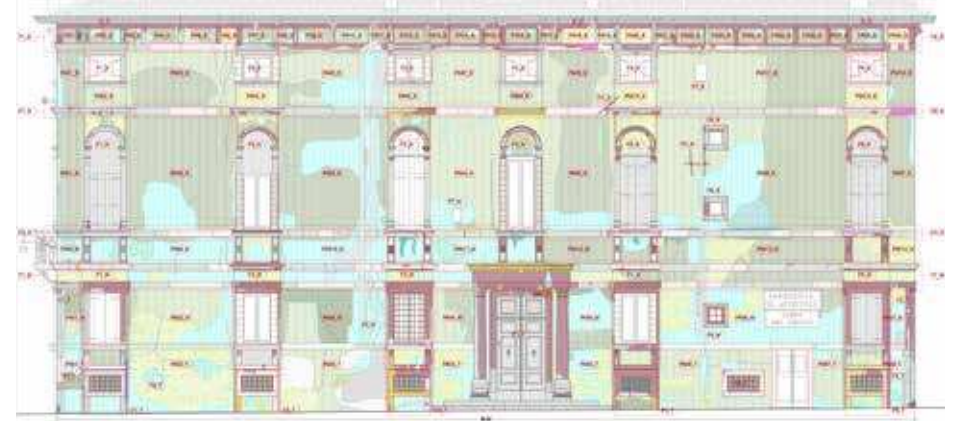


View of “Ca Zen” from the near bridge.

The project concerned the consolidation and restoration of the façades and the overhaul of the roof covering, with the conservation of the existing structures such as fireplaces and dormitories. The project did not concern the west side of the building, belonging to other properties.



Graphics rendering of the main facade.



PERFORMANCES PERFORMED

- ✓ Project manager
- ✓ Coordination with the administrative offices
- ✓ Drawings
- ✓ Photographic report
- ✓ Graphic layout
- ✓ Analysis of degradation
- ✓ Design according to the RIBA stages
- ✓ Chief engineer
- ✓ Construction details
- ✓ Architectural survey

MONUMENTAL RENOVATION OF “CASTEL BELASI”

Campodenno (Trento) - Public client



Castel Belasi in a sight to flight of bird in a sight to flight of bird.

A 14th Century castle located in Comune di Campodenno (Trento – Italy). Final design, working plan and construction management for the restoration and renovation of the interior and the medieval facade. The feudal castle has been recently open to the public and is a main attraction of the area.



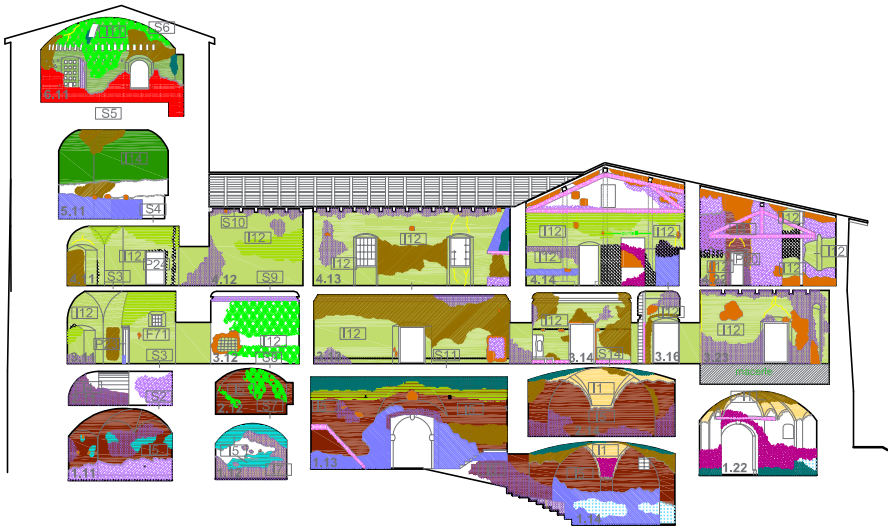
The wall and the east tower.



Glimpse inside the walls.



LEGEND OF COLOUR OF PLASTER			
I1	Plaster based on cement .	I6	air lime plaster , compact , well- kept white.
I2	Plaster based on cement .	I7	Plaster on the basis of lime with finely ground cooked , stretched in a single layer .
I3	Plaster made from lime with Grouting thick and white to performing .	I8	Plaster made from lime painted in blue.
I4	Plaster of lime and crushed river stones	I9	Painted plaster .



LEGEND				
relief of the constituent materials , the construction techniques and macroscopic analysis of the degradation				
code	element architectural	description of the materials and construction techniques	degradation description	note
P30	door	rectangular door , splayed towards the interior , with the fixed frame in wood , devoid of window .	Detachment of the plaster at the shoulders .	
S1	deck	Deck consists of a triple- time cruise limestone bound with lime mortar , with the remains of two wooden chains in the spandrels with extrados , partially covered cement beaten by another rich cast concrete aggregates .	Erosion of the mortar joints , the presence of cementitious grout , removal and erosion of material from the stone surface of the masonry ; cracks and extrados surface deposits	
S2	deck	Deck consists of once plastered with umbrella in lime mortar with traces of whitewash at the bottom , with the extrados , floor wrought lime .	Disintegration of lime painting , corrosion of metallic elements hanging on the times , depressions extrados wrought , especially in the center , superficial deposits and cracks	And conceivable, according to historical sources , that these floors were wooden , and that only the last room of the tower had a vaulted ceiling.

PERFORMANCES PERFORMED

- ✓ Analysis of degradation
- ✓ Drawings
- ✓ Photographic report
- ✓ Floor layout studies
- ✓ Preliminary design
- ✓ Coordination with the administrative offices

REFURBISHMENT OF "CA' PELLIZZARI"

Venice - Private client



Ca' Pellizzari's view from "Strada Nova".

Realization of the preliminary design, final design, working plan and construction management for the restoration and renovation of the building, now a fine 200 ms typical 18th-century Venetian house.



The flat map - main floor.



The main room before and after the work.

BEFORE DESIGN



The entrance hall.



The main room.



The hall's ceiling.

AFTER WORKS



PERFORMANCES PERFORMED

- ✓ Design according to the RIBA stages
- ✓ Project manager
- ✓ Photographic report
- ✓ Graphic layout
- ✓ Floor layout studies
- ✓ Drawings
- ✓ Coordination with the administrative offices
- ✓ Relationships with the client
- ✓ Construction manager assistant
- ✓ Architectural survey
- ✓ Planning Application

CONSERVATION OF THE RIGHT AISLE OF THE CHURCH OF “SAN BERNARDINO” Verona - Public client

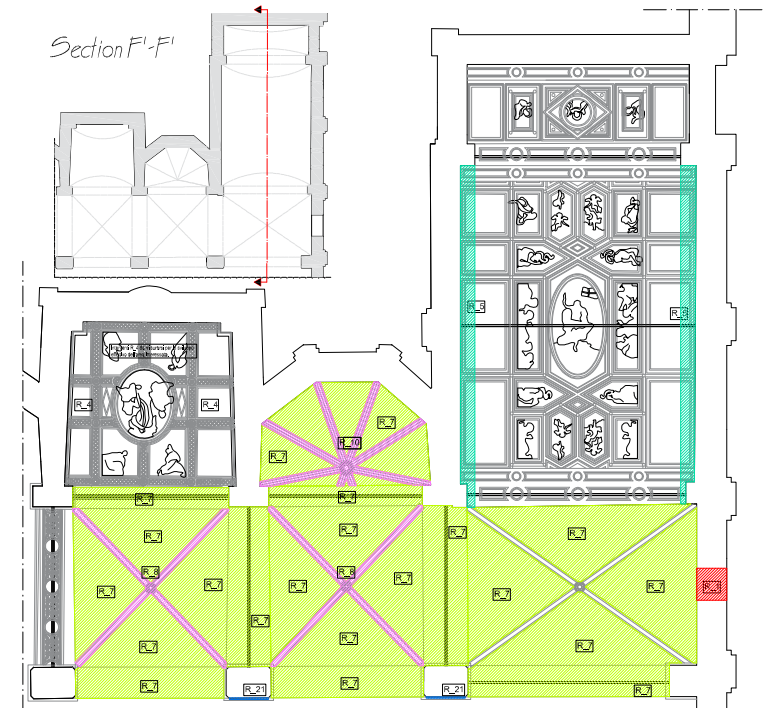


Outside the church view.

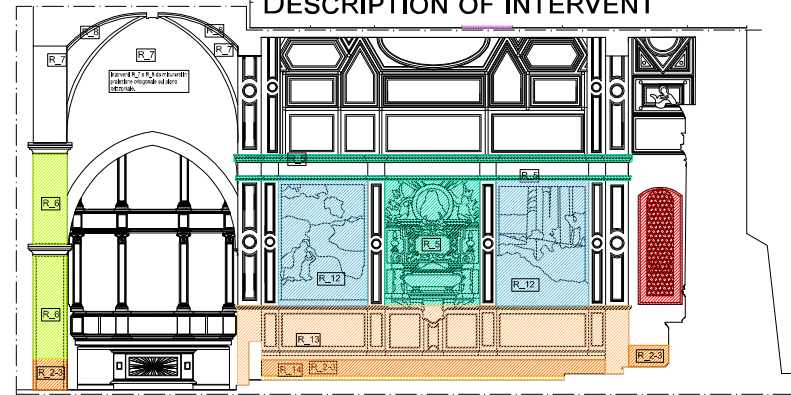
Inside the church, along the right nave, there are frescoes of the late fifteenth and sixteenth of Nicholas Giolfino, Francesco Bonsignori, Domenico Morone and Antonio Badile. The works were in a state of deterioration due to the infiltration of rainwater. After restoring the masonry wall, it is provided for operations of pre-consolidation, cleaning, partial integration, consolidation and protection both of the paintings is of all the decorations that collects them.



View of the Medici's Chapel from the nave. The frescoed ceiling of St Francis's chapel.



DESCRIPTION OF INTERVENT



PERFORMANCES PERFORMED

- ✓ Architectural survey
- ✓ Analysis of degradation
- ✓ Drawings
- ✓ Coordination with the administrative offices
- ✓ Graphic layout
- ✓ Photographic report
- ✓ Construction manager assistant
- ✓ Design according to the RIBA stages

ELEVATOR INSTALLATION AND EXPANSION OF “VILLA JOLANDA”

Lido di Venezia (Venice) - Private client



The villa's main facade.

On the mandate given by a private client, the objective aims the expansion of a “Liberty Villa” of Nineteen Century on the “Lido di Venezia” and, simultaneously, to the installation of a lift on the Western front.



The levator iright after work.



Elevation on the faciade of the new elevator.



Render of the first hypothesis of elevator.

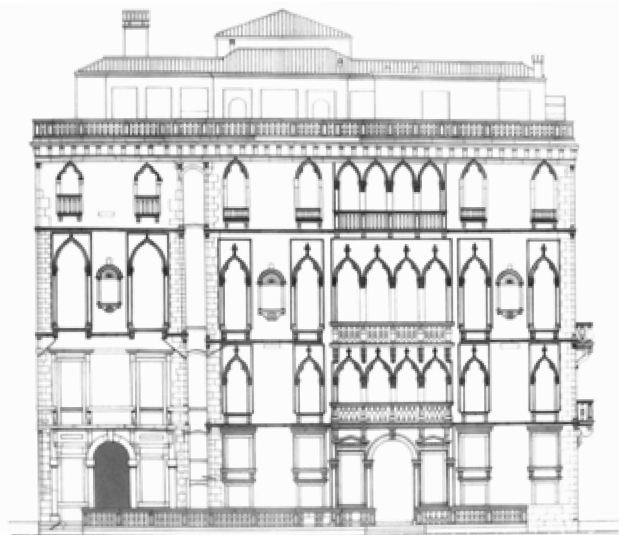
PERFORMANCES PERFORMED

- | | |
|--|---------------------------------------|
| ✓ Coordination with the administrative offices | ✓ Design according to the RIBA stages |
| ✓ Project manager | ✓ Chief engineer |
| ✓ Photographic report | ✓ Render |
| ✓ Architectural survey | ✓ Construction details |
| ✓ Relationships with the client | ✓ Planning Application |
| ✓ Drawings | |

REGENERATION OF “CA’ GIUSTINIAN” Venice - Public client



The great Gothic Venetian palace of the XV Century on the Grand Canal nearby San Marco Square, was the subject of a long design process into several lots. The realization of the first one concerned the structures and various finishes that was improperly varied with inadequate distribution of loads that were to focus in the wall of the main facade with a worrying increase of buckling stresses. The new use (set of the Venice Biennale) offered a chance to regain the distribution properly in its original connotations. The last batch they proceeded to the execution of the project indications that involved the restoration of the entire set of decorations.



Handmade survey of main elevation on the Grand Canal.



Degradation of the terrace in Istrian stone.



Exhibition space for the “Biennale di Venezia”.



The hall of columns during restoration.



Exit to the Grand Canal.



Reconstruction of the floors with traditional techniques

PERFORMANCES PERFORMED

- ✓ Photographic report
- ✓ Construction manager assistant
- ✓ Coordination with the administrative offices

Conservation of CONVENT OF “TERESE” Venice - Public client

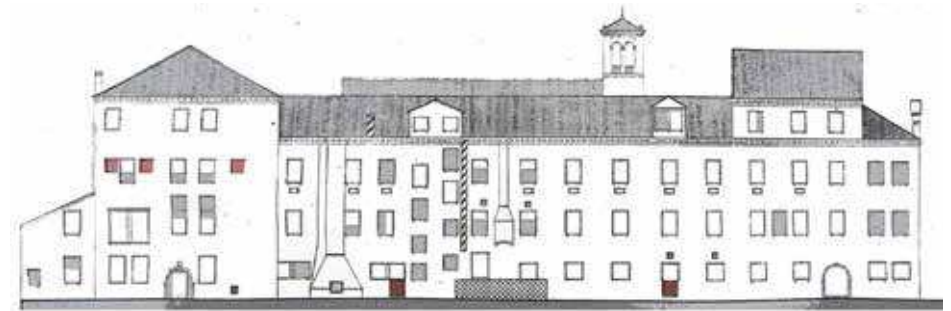


A bird's eye view of the entire monastery.

A 18th Century Monastery built on a 12th century pre-existing church. Preliminary and definitive design, work plan and construction management aimed to transform the buildings into a seat of the IUAV University of Venice. Respecting the original spaces we created new rooms for lessons and conferences, offices, bars and library.



Foreshortening of the cloister.



ELEVATION NORTH

AFTERWORKS



1



2



3



4

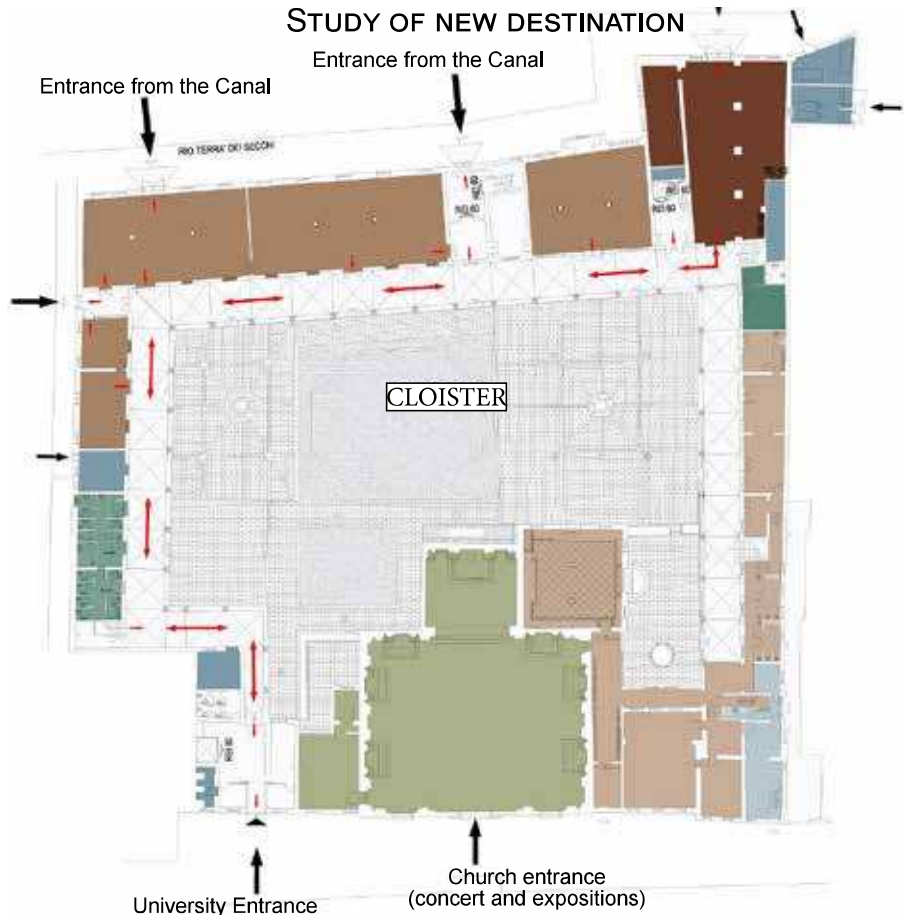
1) Restoration of the columns to their original locations; 2) The corridor leading to the cells, today offices; 3) The dining hall, conference hall today 4) Newly developed stairs

PERFORMANCES PERFORMED

✓ Photographic report
✓ Graphic layout

✓ Floor layout studies

STUDY OF NEW DESTINATION



GROUND FLOOR MAP

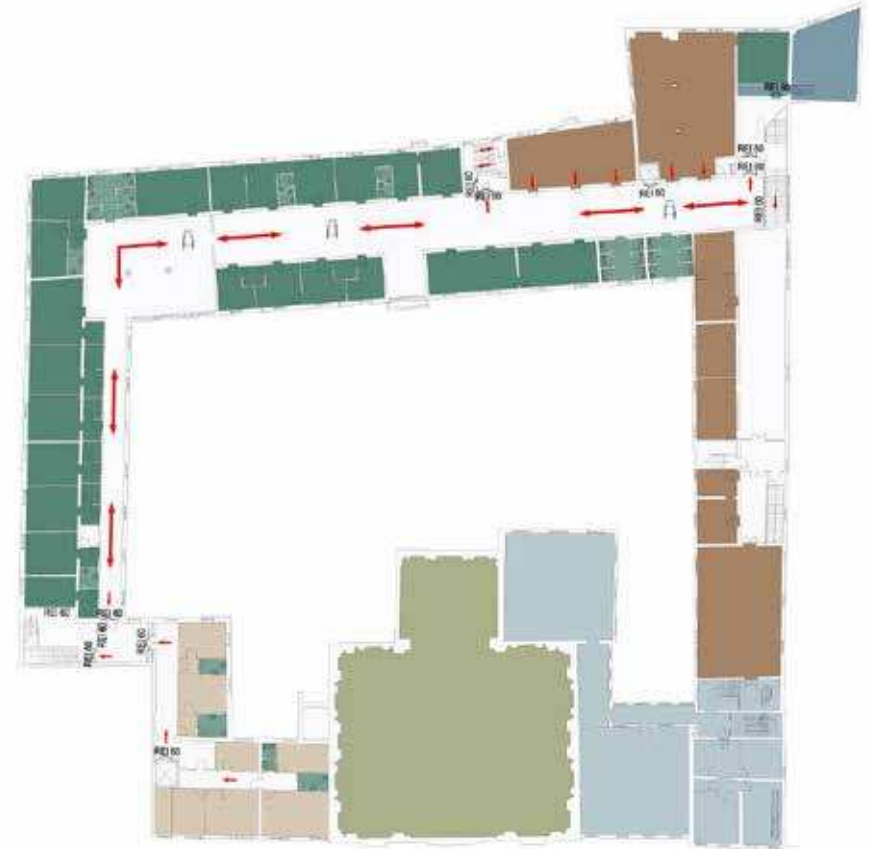
Nuns rooms	Day nursery	Bar
Administration	Classrooms	Church

On ground floor were grouped educational spaces, recreational and service.



The convent before the works.

STUDY OF NEW DESTINATION



FIRST FLOOR MAP

Workroom	Attic	Technical spaces
Wc	Study	

It was respected the original distribution pattern. The cells where the nuns lived have been transformed into studios and offices for teaching.



The convent 12 years after the works.

Giordano-Bruno Cristinelli

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