STUDIO CAPÈ
INGEGNERIA

MILANO

# ABOUT US

Studio Capè was born in the 60s from an idea of Giunio and Gianni Capè, who set up their business in the field of steel and reinforced concrete constructions.

Over the past 50 years of activity, the Studio has carried out many projects in all sectors of civil and industrial building.

In 2004 the second generation of family engineers entered the Studio with the aim of relaunching the activities that have always represented its core business.

In 2015 Michele Capè and Roberto Bertazzolo founded the company “Studio Capè Ingegneria S.r.L.”.

15 years ago the Studio started using BIM technologies for design, as it has always believed in the potentialities and added value of such approach.

The Studio is now a reliable partner with a long-time experience of all kind of public and private customers - both in Italy and abroad - looking for expertise and organisation in the field of structural engineering for small, medium and large projects.

The Studio is also the ideal partner for Architectural Firms willing to exploit BIM technologies, as well as for Engineering Firms and Building Companies looking for experts in structural engineering to develop projects from the preliminary phase to the implementation and construction of the work. Furthermore, the Studio is particularly interested in civil and industrial structures made of steel and is able to provide a complete service, from preliminary design to detailed engineering, up to the development of workshop and assembly drawings (by means of the Tekla Structures software), in addition to on-site technical assistance.

In 2008 the Studio was certified UNI EN ISO 9001.

# SERVICES

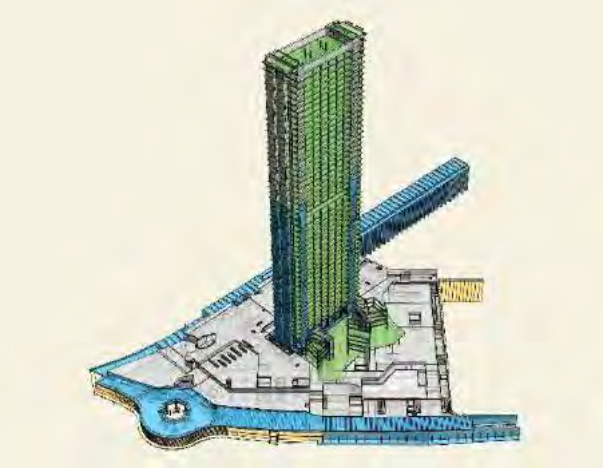
The Studio is organized to carry out independent structural design activities in the field of civil and industrial building for new and existing premises.

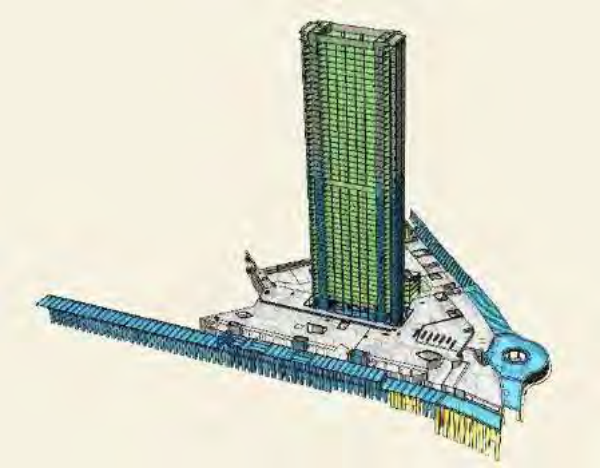
The design activity is divided into precise tasks which are defined for every project and practically followed by a project manager. Work planning entails the identification of the tasks to be performed and the definition of the following elements relating to project development: resources and methods, completion time, people in charge, working groups involved, content of the required performance, and identification of a reference procedure or quality plan.

The person in charge of the design sector plans and programs the whole design process, from basic data collection to drawing checking and delivery; he also defines the level of analyses, calculations, as well as the necessary validations as far as work safety, complexity and reliability are concerned.

All the drawings and design documents are checked, verified and approved before issuing to be sure that:
- they comply with the input data and requirements;
- they provide all the necessary information to implement what has been designed;
- they include clear references to the materials and products to be used for work implementation;
- the project complies with what has been planned in the contract.

# BIM SPECIALIST



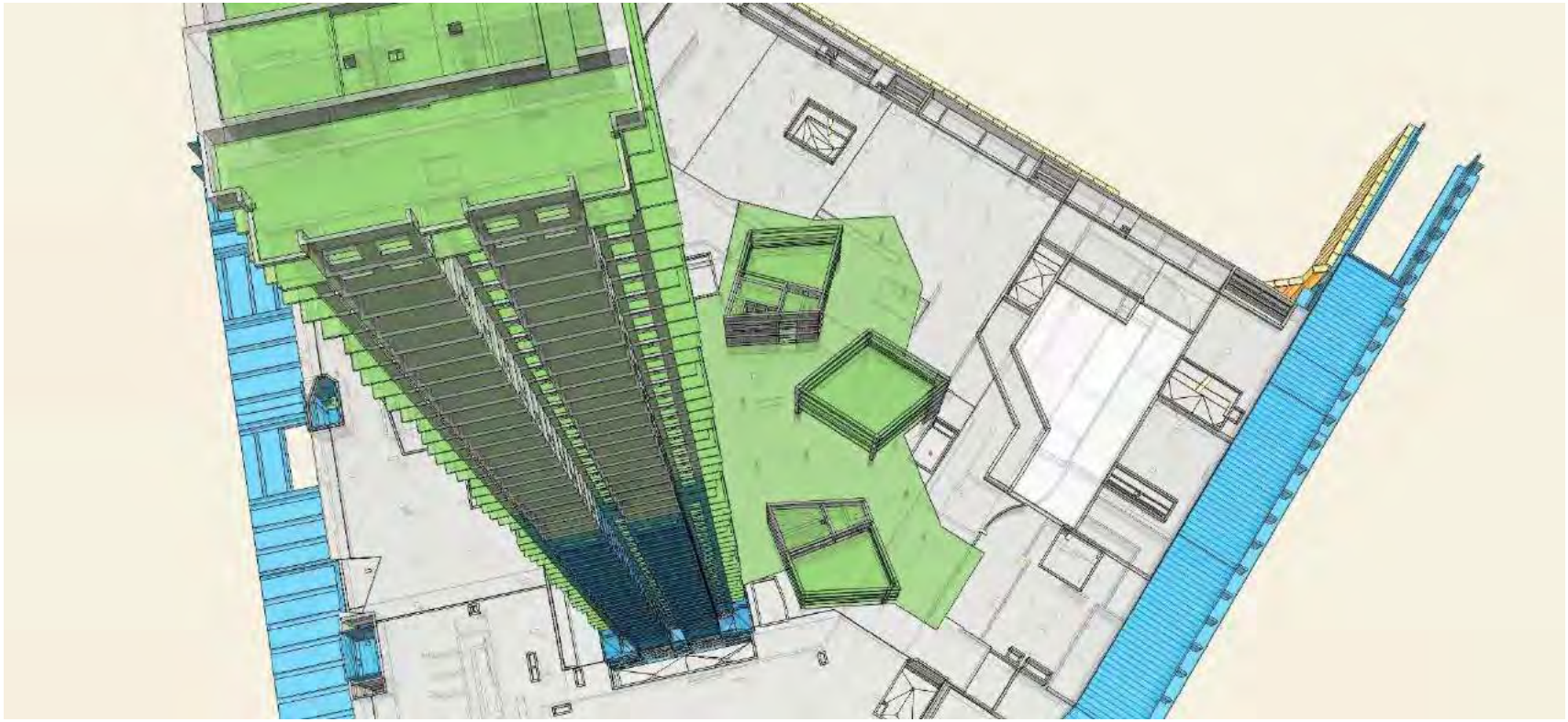


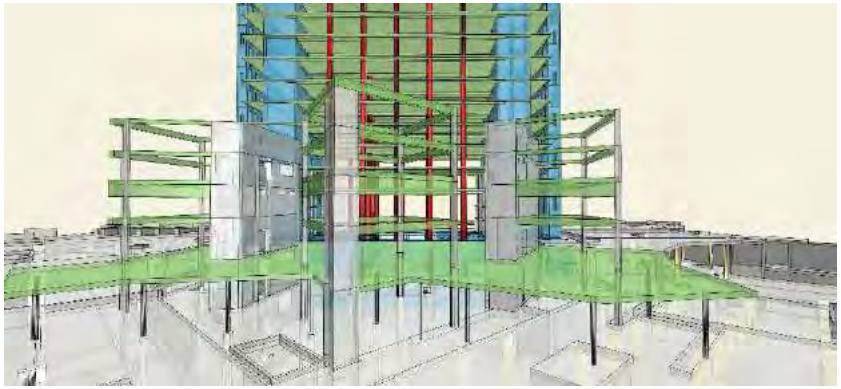
## WHAT IS BIM?

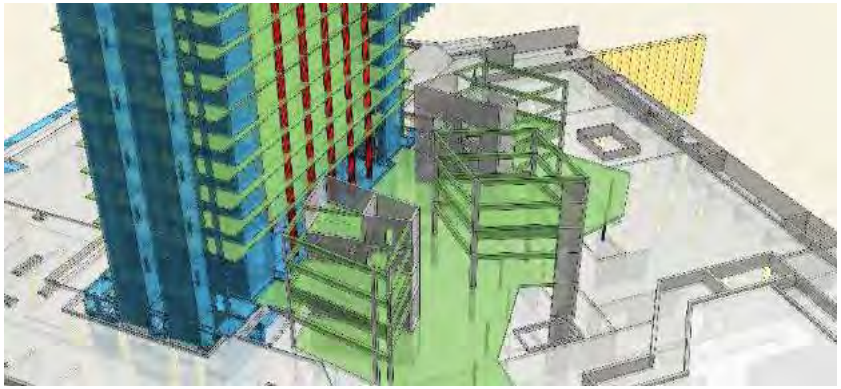
Building Information Modeling (BIM) is a digital representation of physical and functional characteristics of a facility.
A BIM model is a shared knowledge resource for information about a facility forming a reliable basis for decisions during its life-cycle;
Traditional building design was largely reliant upon two-dimensional drawings (plans, elevations, sections, etc.). Building information modeling extends this beyond 3D, augmenting the three primary spatial dimensions with all the properties such as material, weight, time, costs and so on.
In this way all professionals involved in the same project may have access to all data and may share updated information in a very efficient way.

BIM software also defines objects parametrically; that is, the objects are defined as parameters and relations to other objects, so that if a related object is amended, dependent ones will automatically also change.
Each model element can carry attributes for selecting and ordering them automatically, providing cost estimates as well as material tracking and ordering.
For the professionals involved in a project, BIM enables a virtual information model to be handed from the design team (architects, surveyors, civil, structural and building services engineers, etc.) to the main contractor and subcontractors and then on to the owner/operator; each professional adds discipline-specific data to the single shared model. This reduces information losses that traditionally occurred when a new team takes 'ownership' of the project, and provides more extensive information to owners of complex structures.

# BIM SPECIALIST







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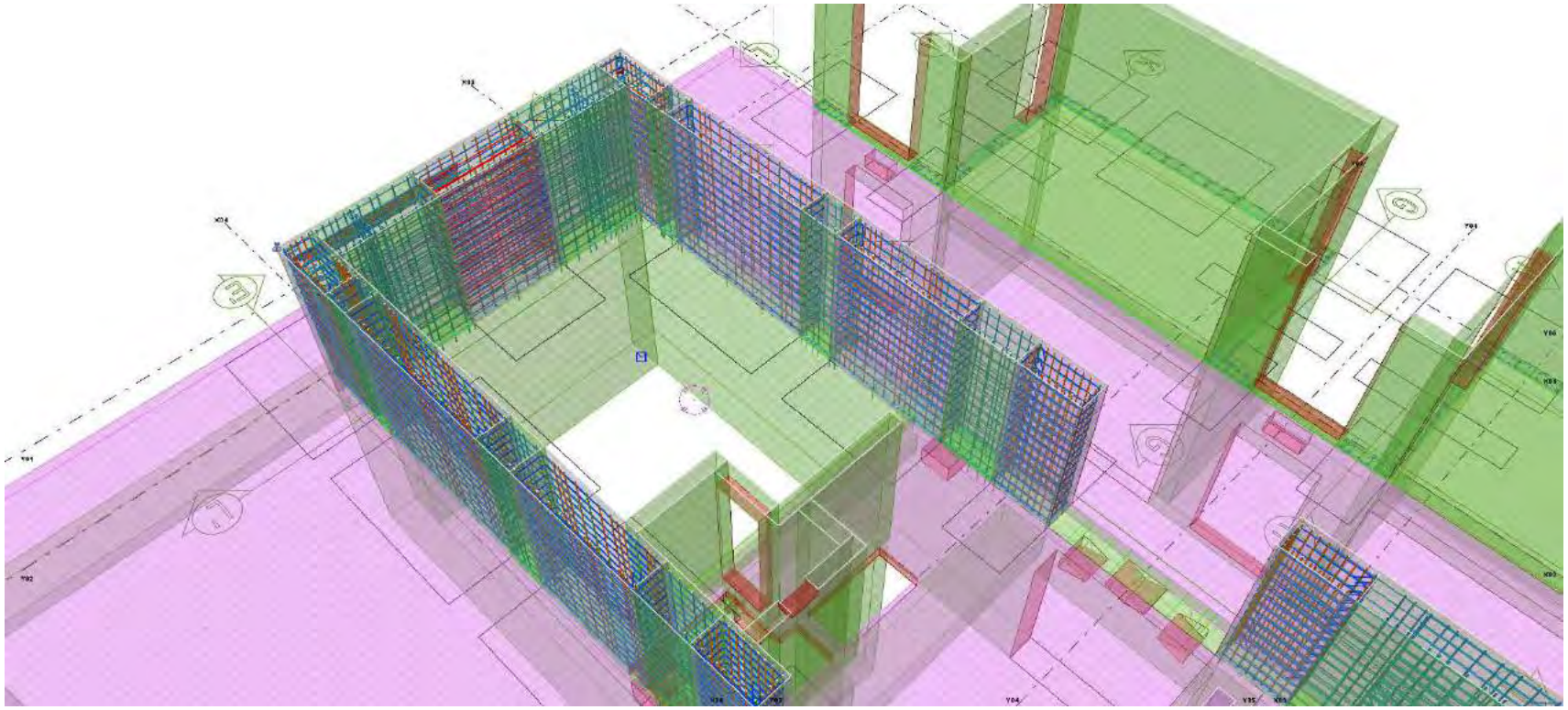

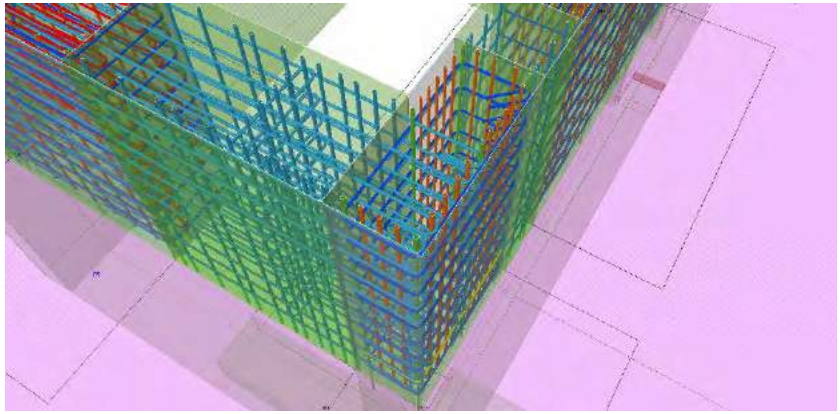

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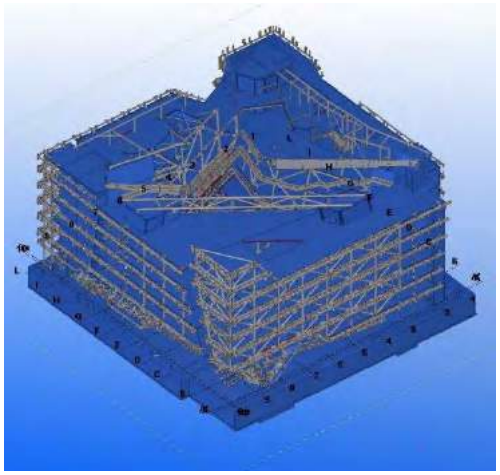
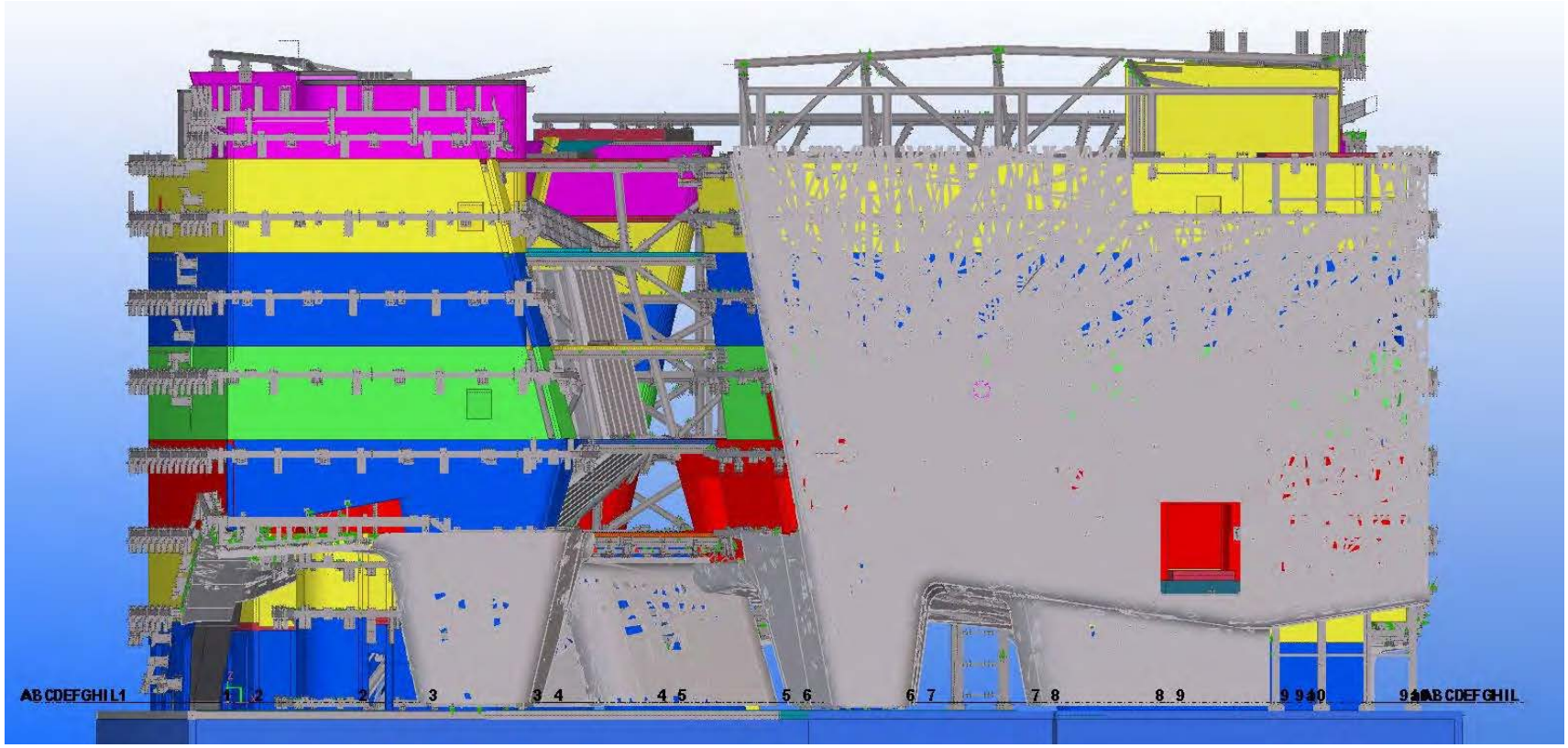
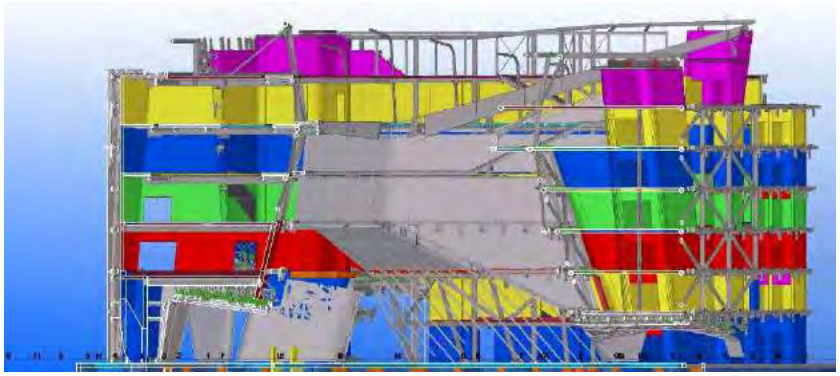


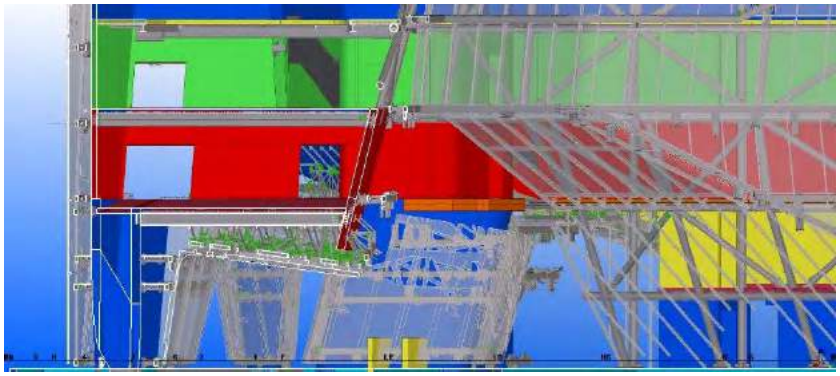
## BIM ADVANTAGES

- More efficient design
- Unique model for all the design steps, from preliminary design to detailed design.
- Better quality of construction
- Fast and reliable access to data
- Possibility to avoid drawings and to build directly from the 3D model
- Reduction of mistakes on site
- More accurate cost estimation
- Higher competitiveness

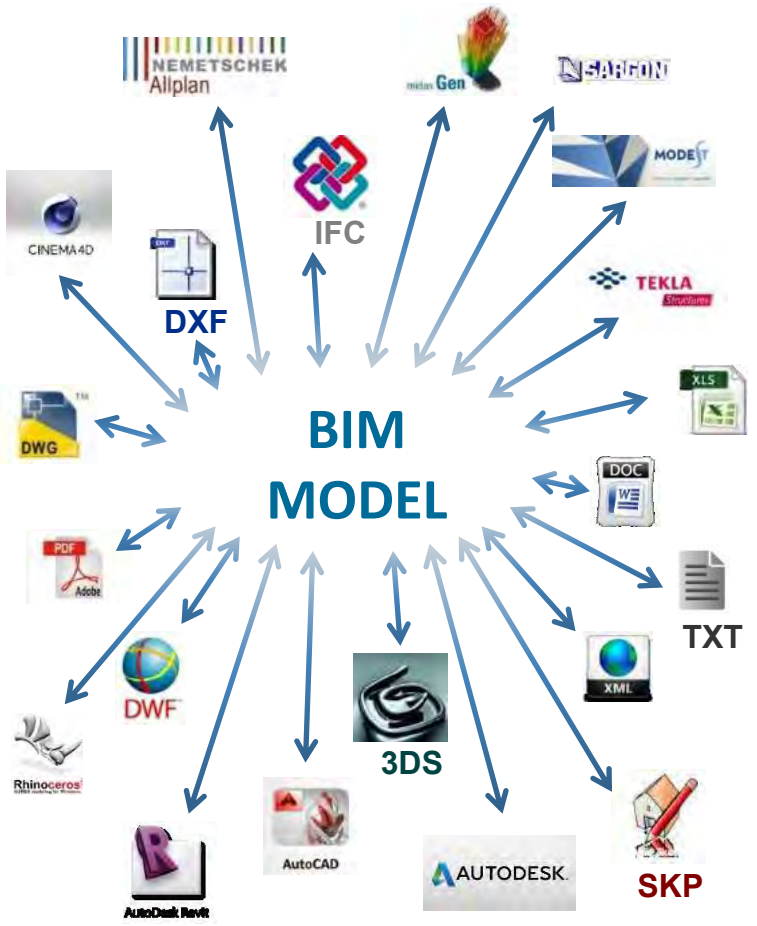
# BIM SPECIALIST





## BIM INSTRUMENTS




**Interaction**

BIM is not a “proprietary blend”.
BIM is something to make people work together.
BIM is interaction of partners.
BIM is accessing and sharing information in a digital and efficient way.

# MAIN PROJECTS

EXPO MILANO 2015

Padiglione Italia - PALAZZO ITALIA

# MAIN PROJECTS

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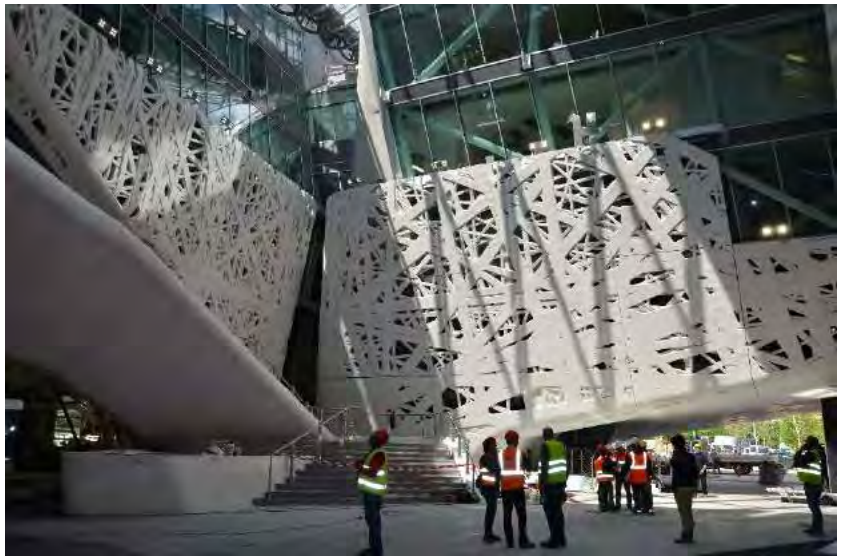

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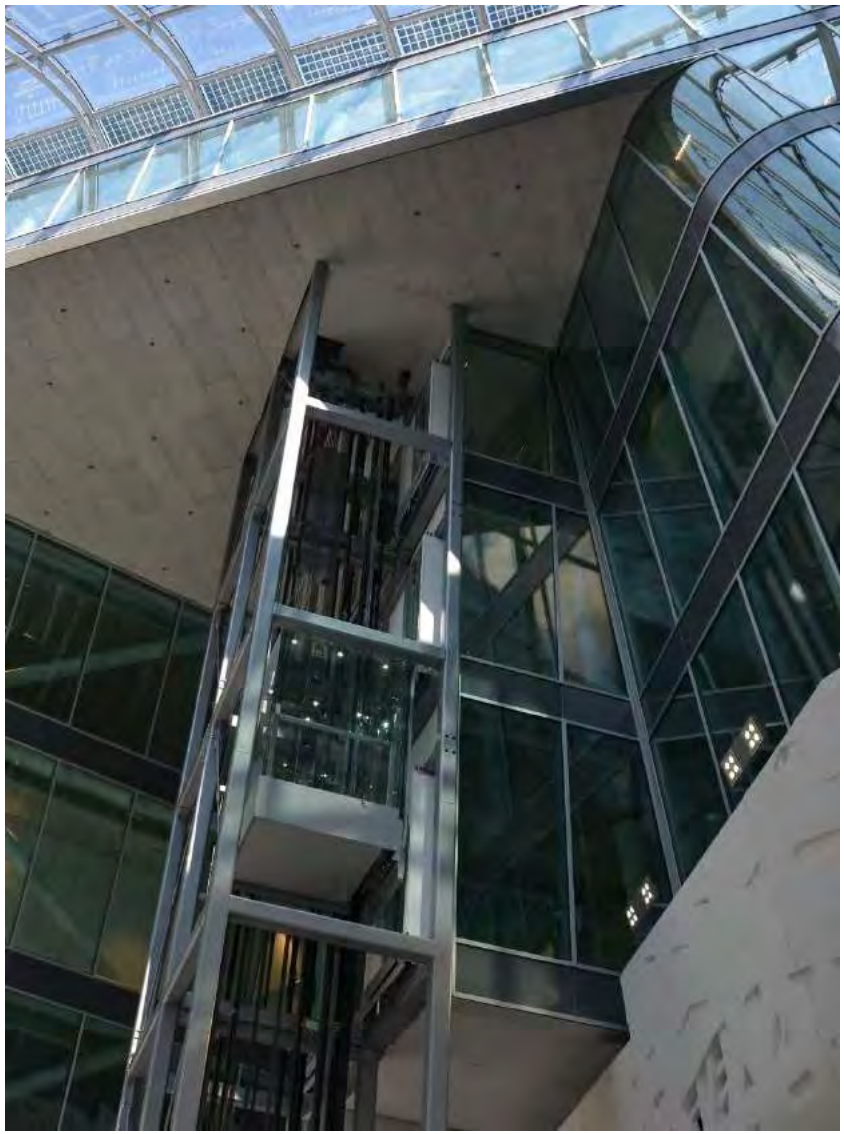

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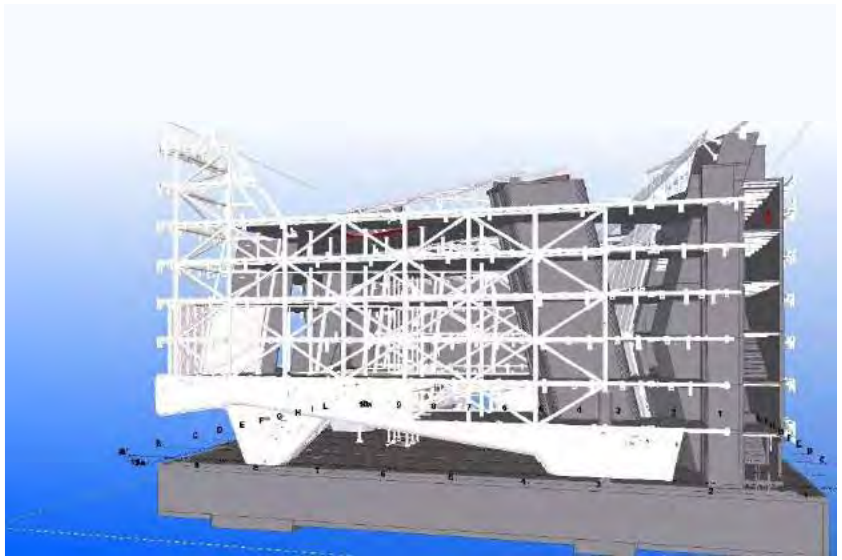

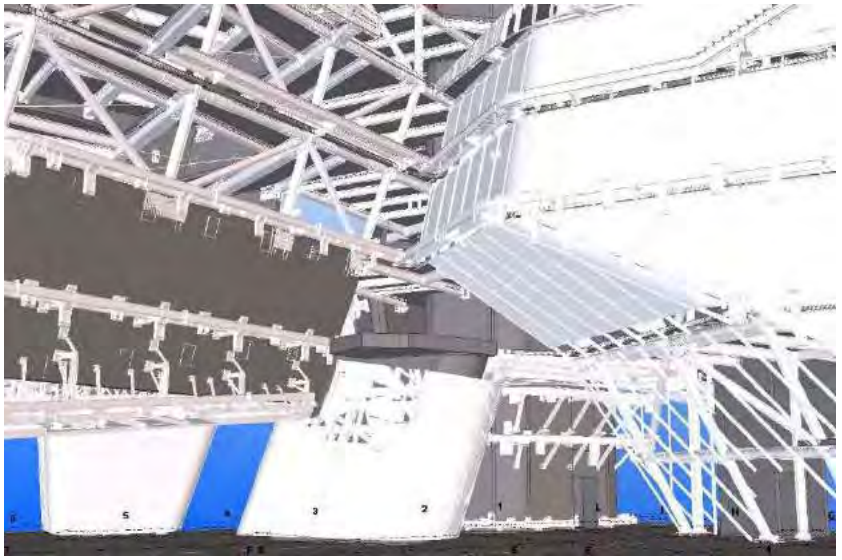

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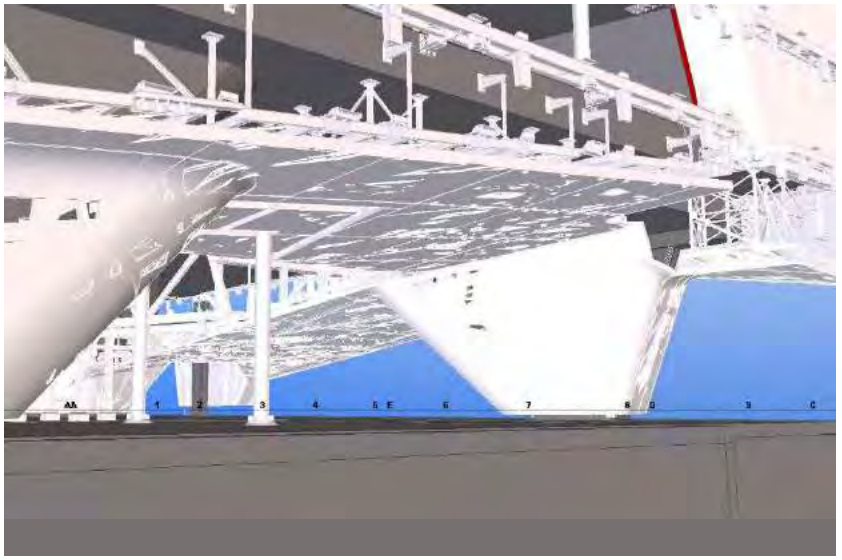

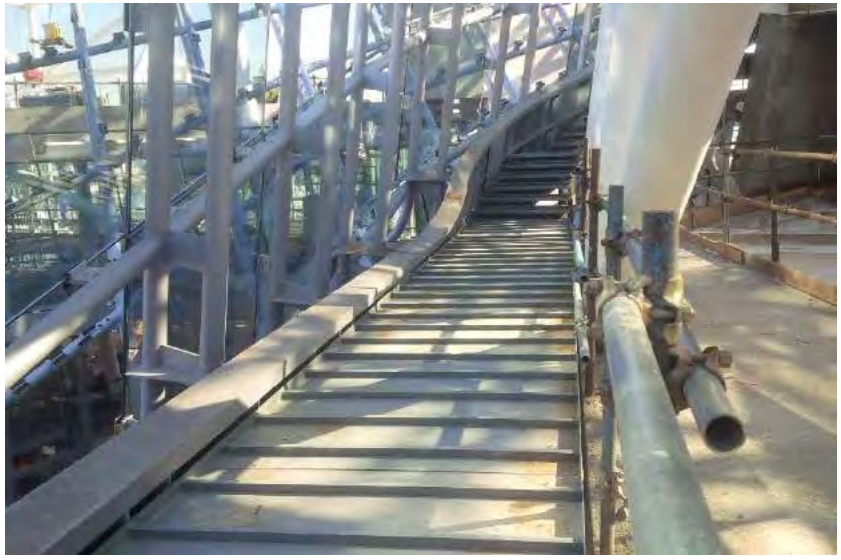

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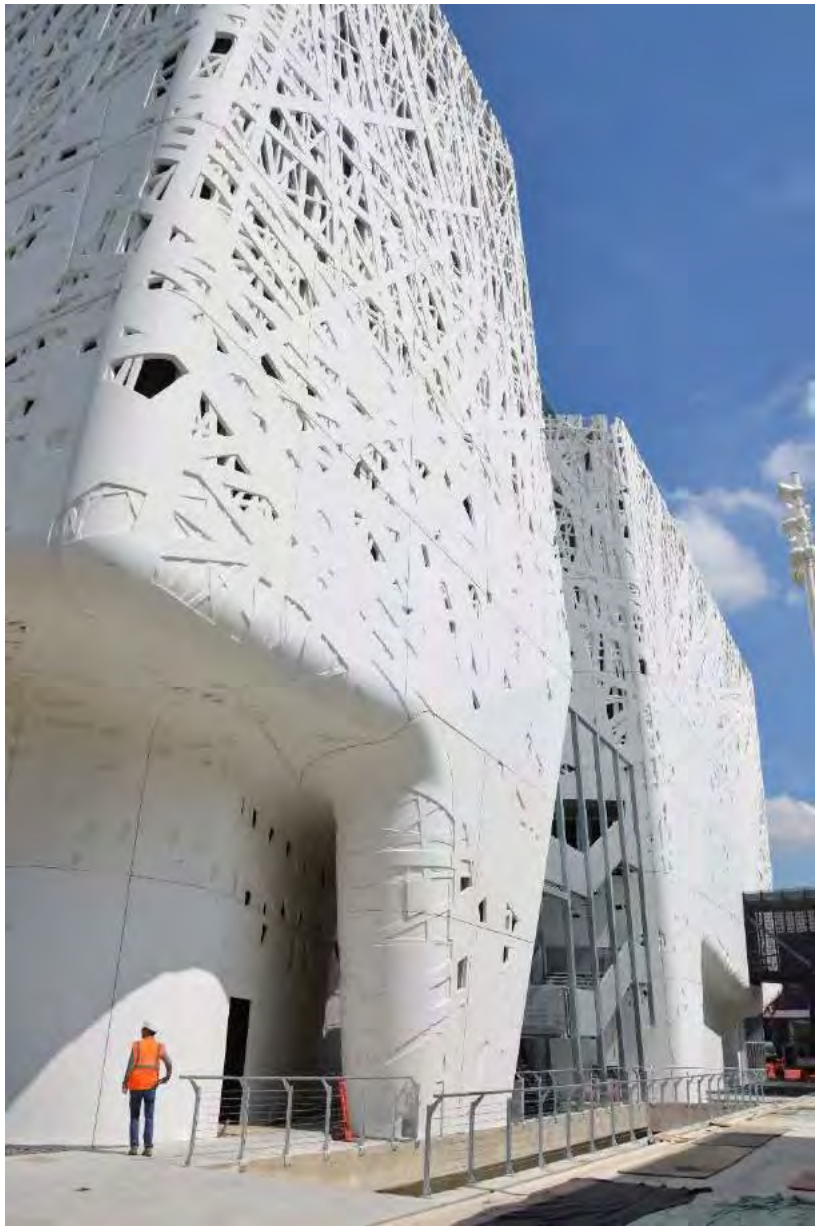

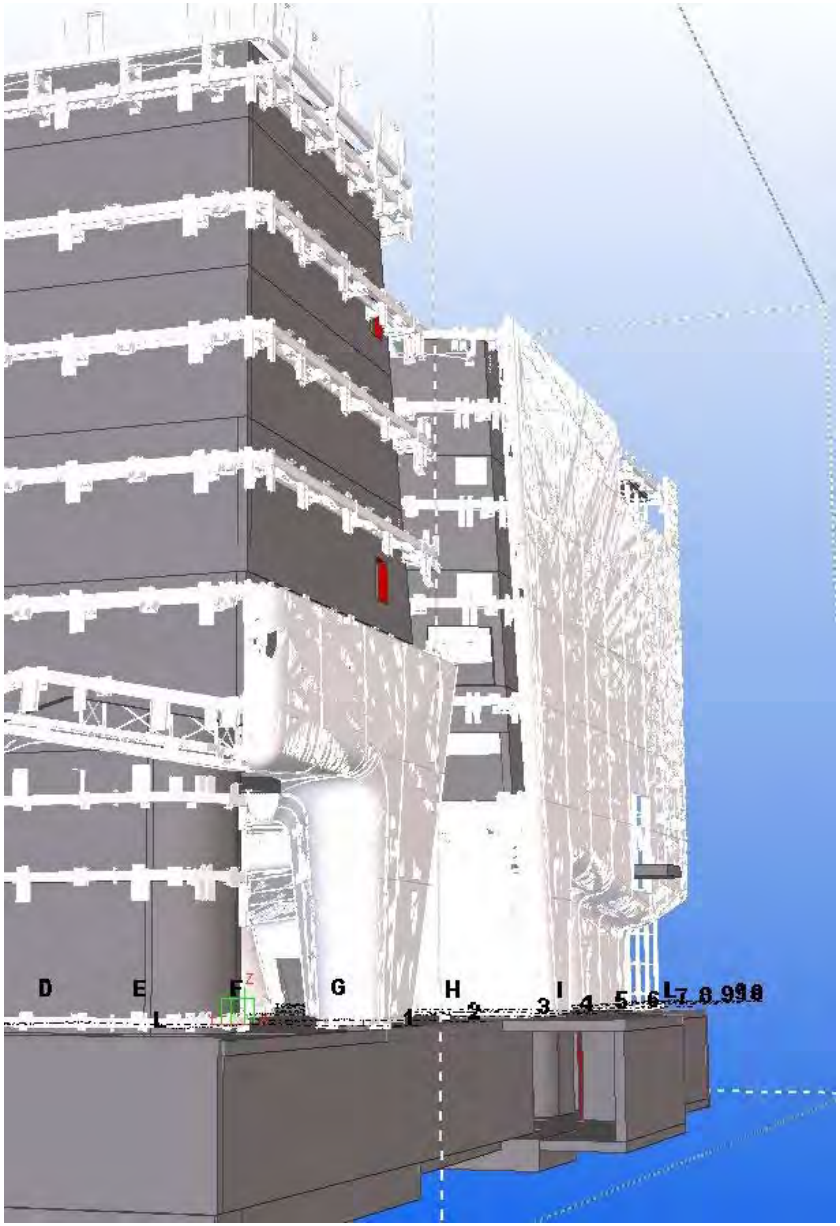

# MAIN PROJECTS

CityLife

FIERA MILANO HISTORICAL DISTRICT
Isozaky Tower and Podium

# MAIN PROJECTS

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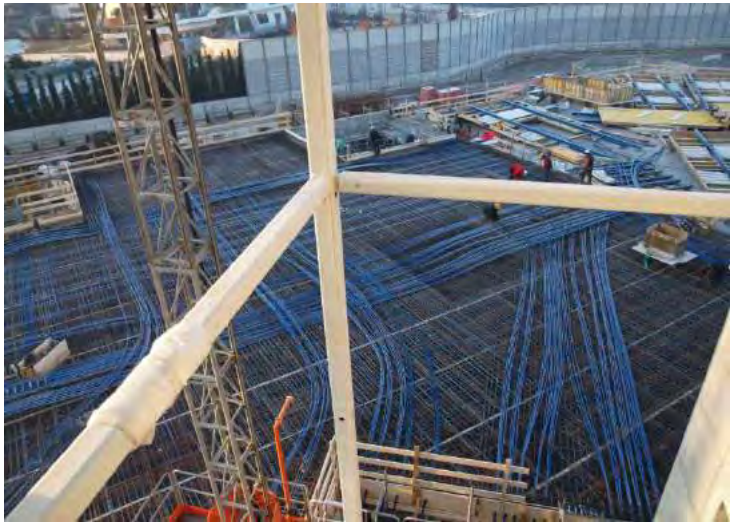

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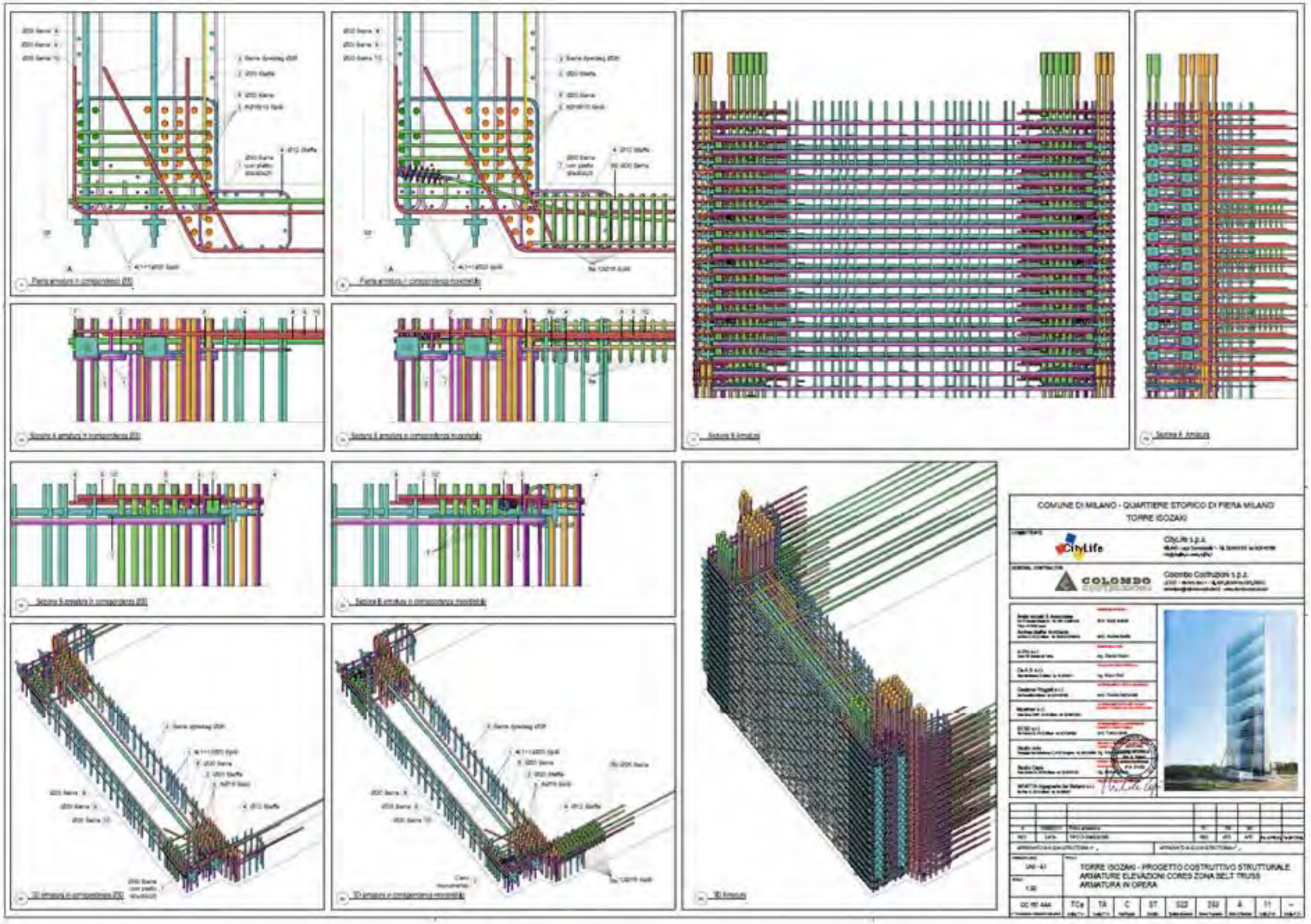

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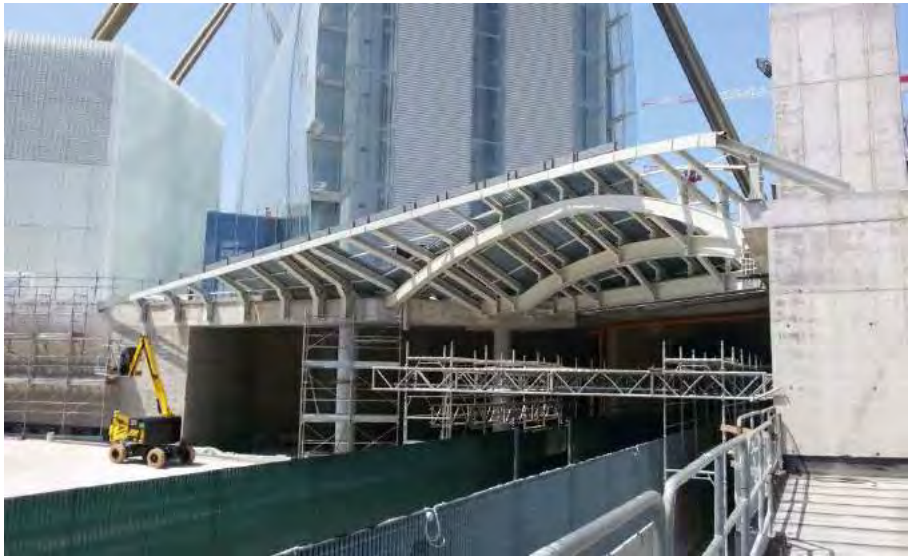

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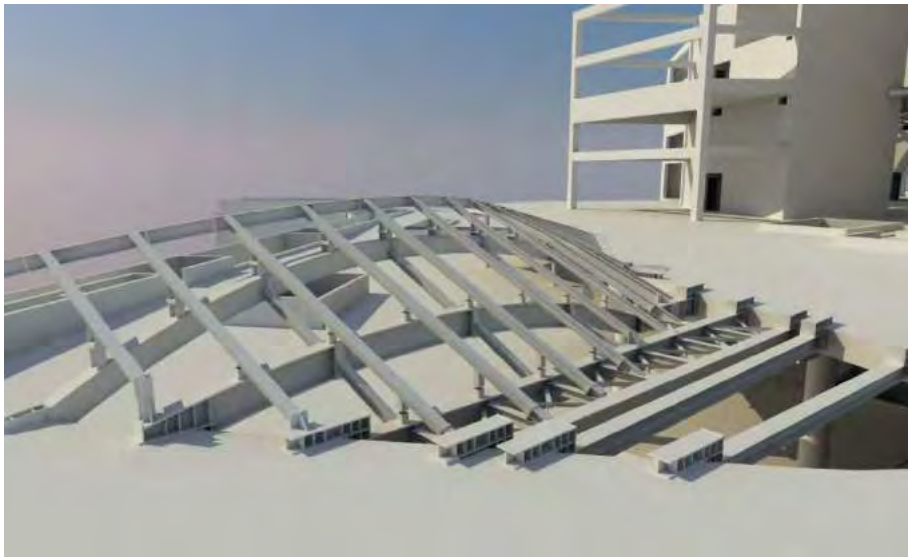

# MAIN PROJECTS

BUSINESS DISTRICT GARIBALDI PORTA NUOVA PROJECT MILANO

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# MAIN PROJECTS

MUSE

MUSEO DELLE SCIENZE TRENTO

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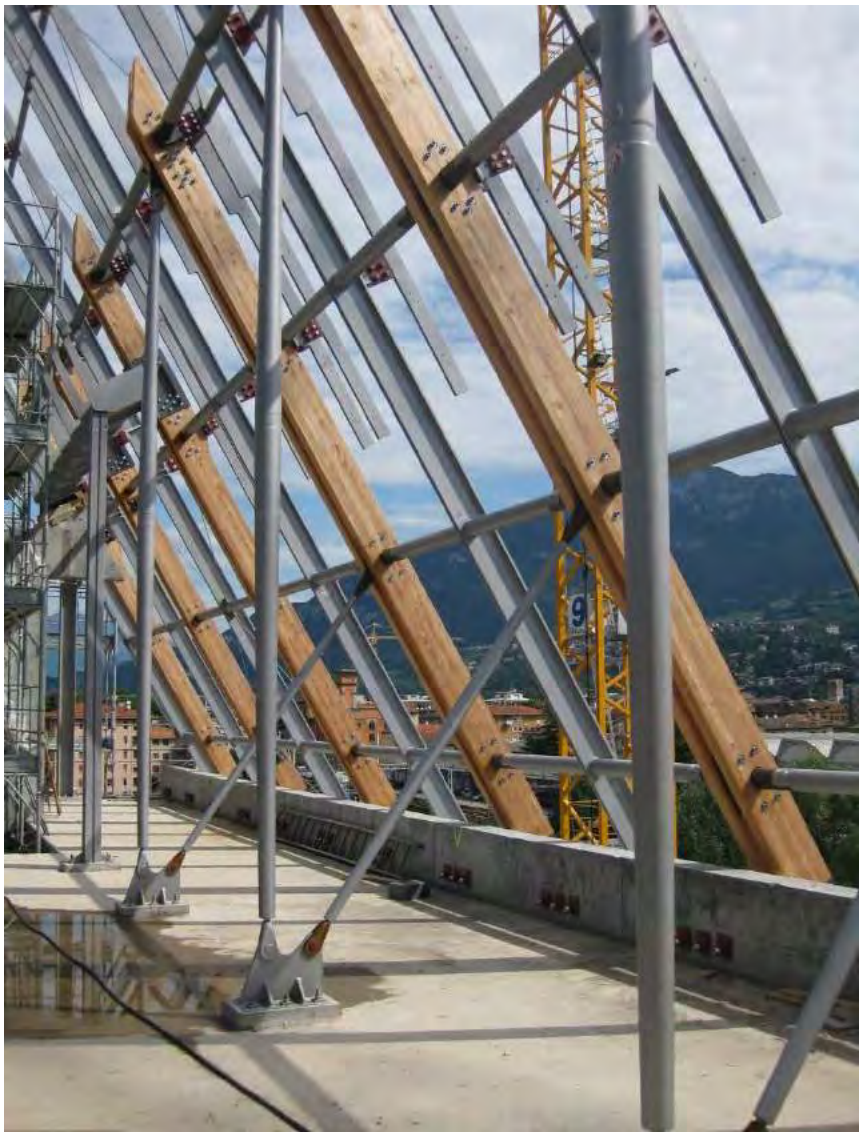

MUSE

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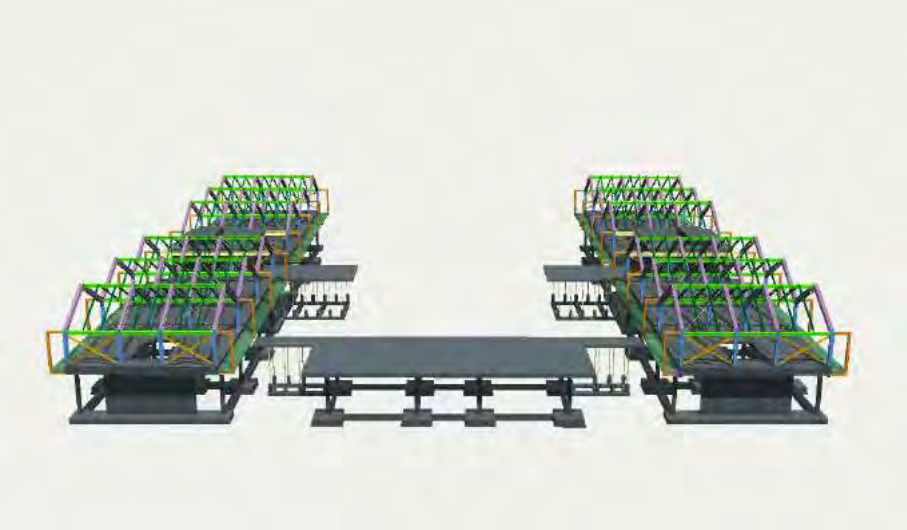
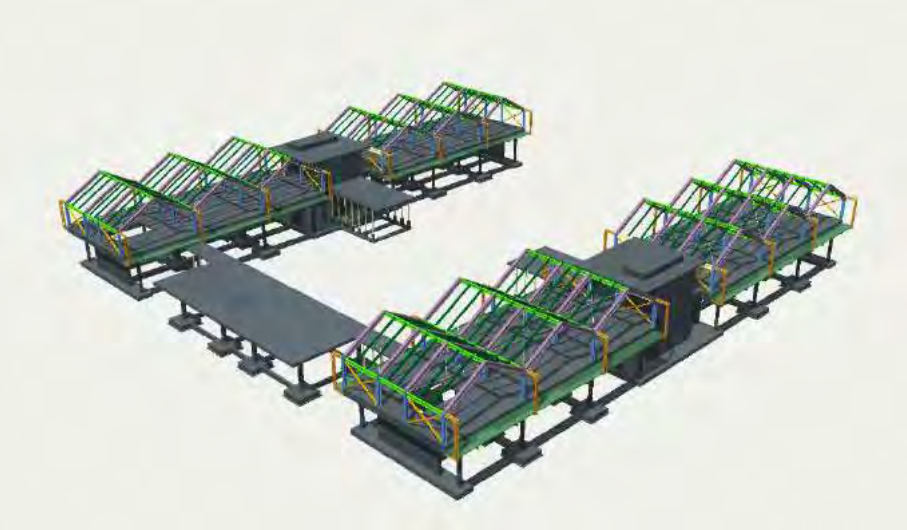
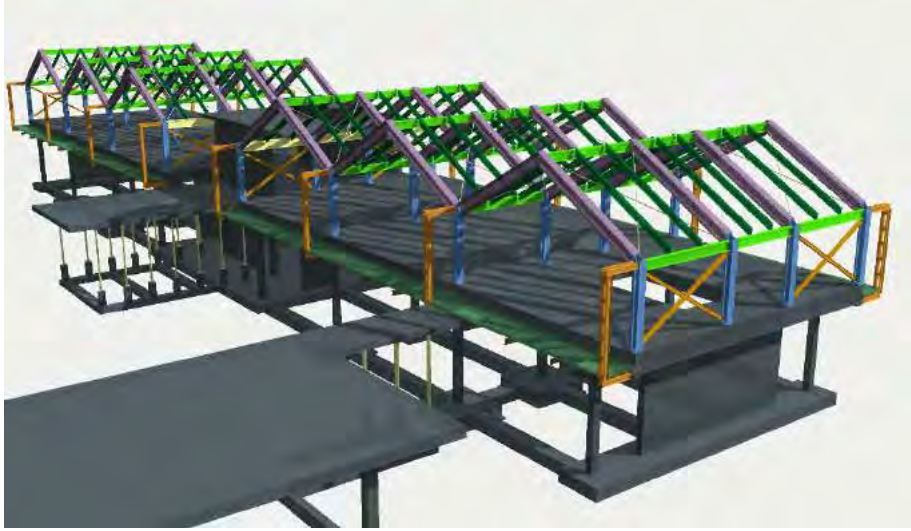
# MAIN PROJECTS

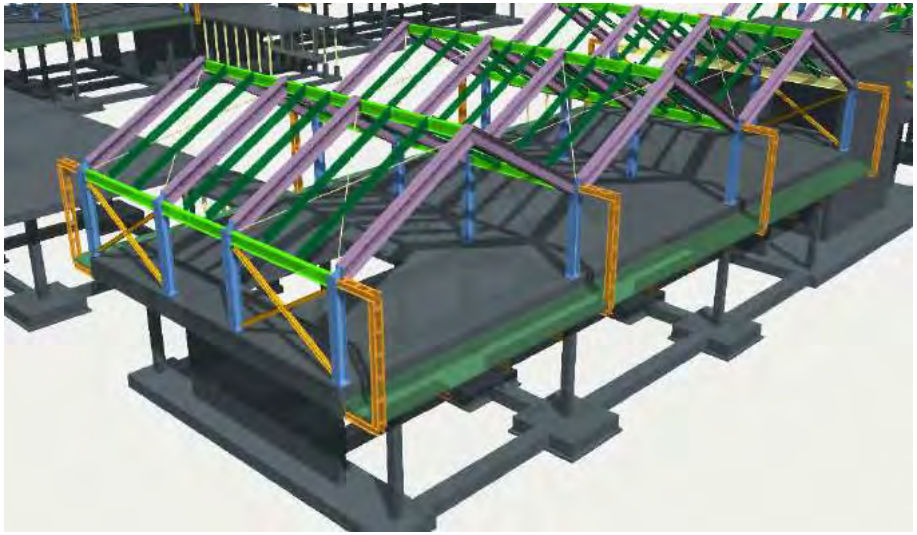
DAVINES VILLAGE PARMA

# MAIN PROJECTS









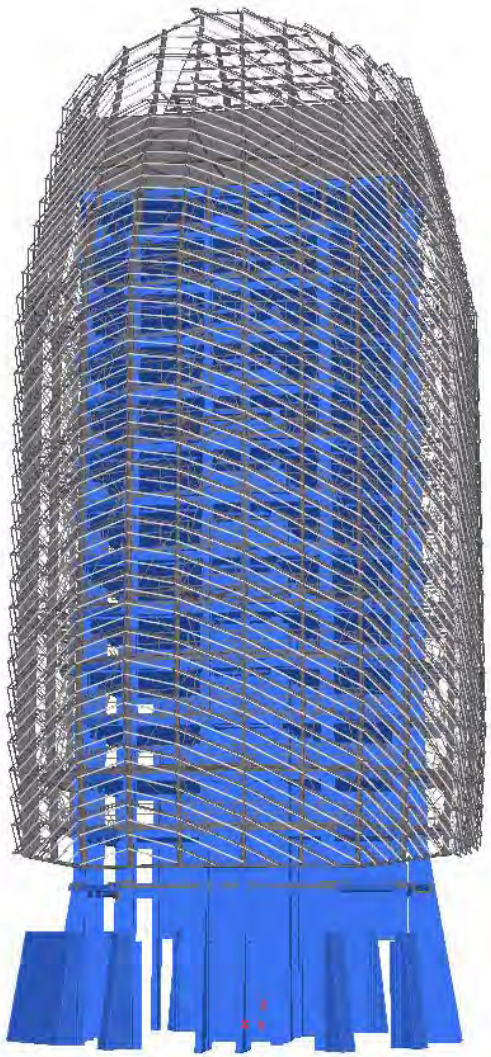
DAVINES VILLAGE PARMA

# MAIN PROJECTS

ZUCCHETTI
IL SOFTWARE CHE CREA SUCCESSO

TORRE UFFICI LODI

# MAIN PROJECTS



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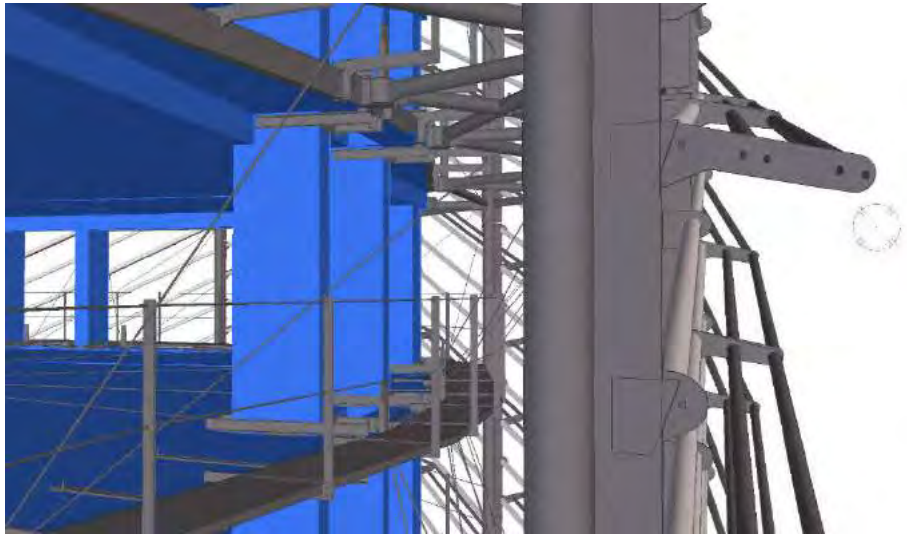

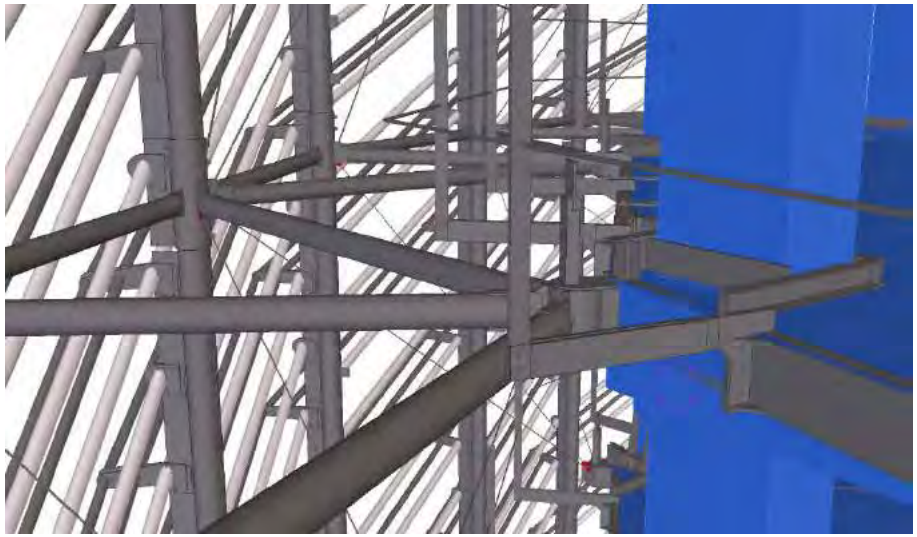

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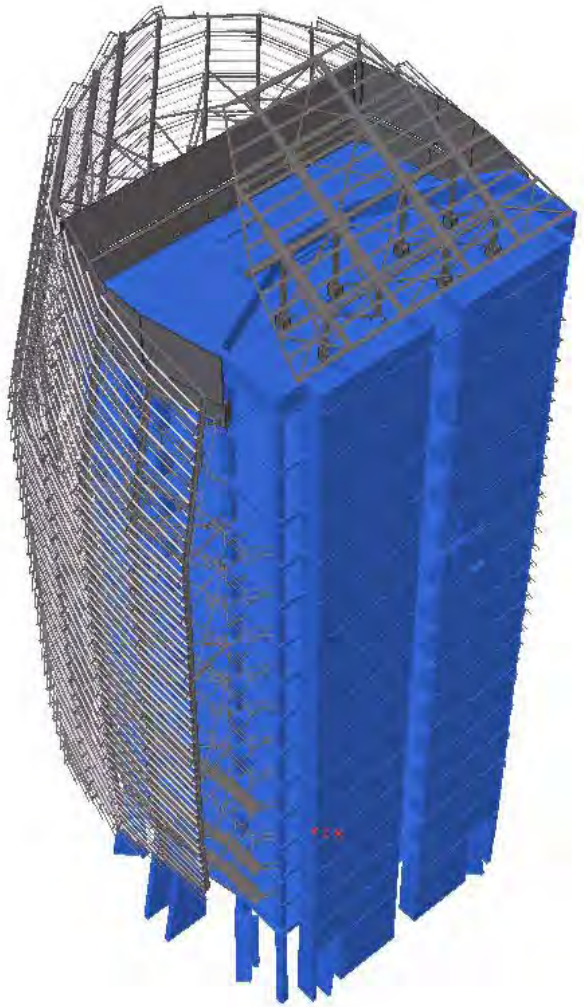

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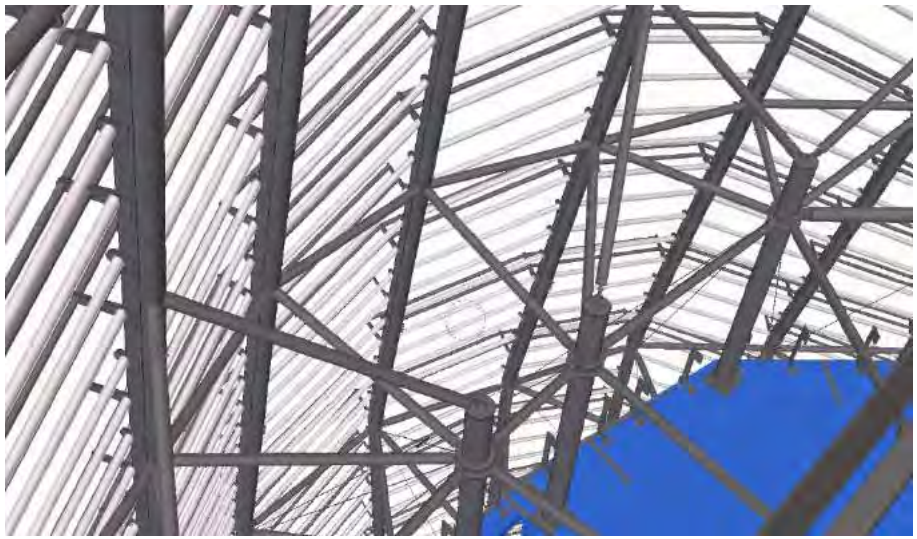

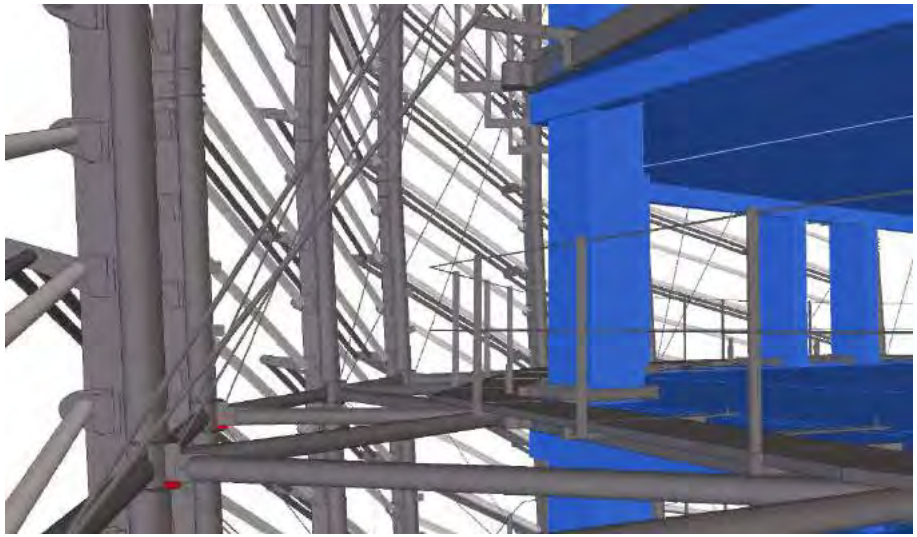

TORRE UFFICI LODI

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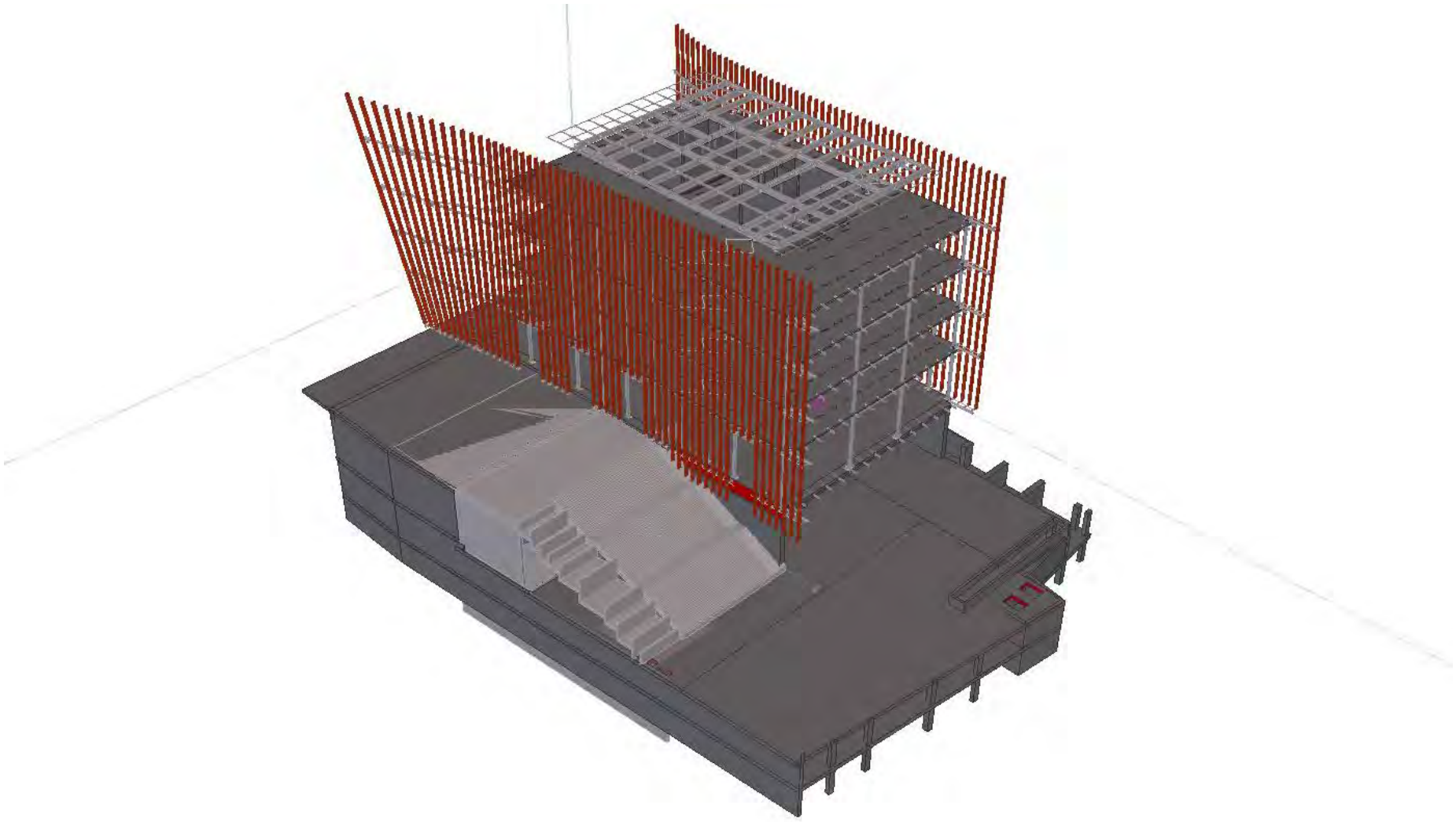
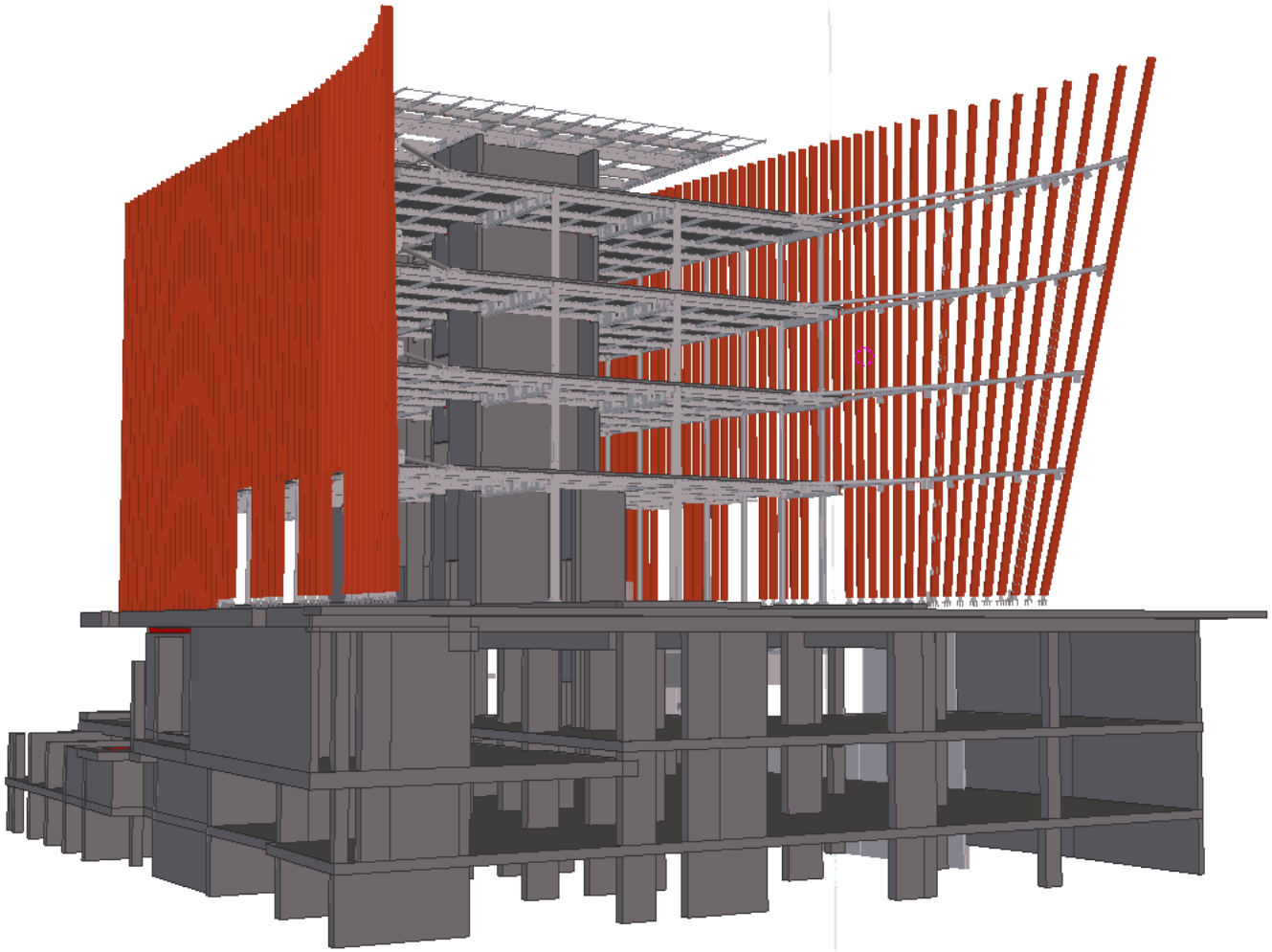


COIMA

COIMA HEADQUARTERS - PORTA NUOVA MILANO

# MAIN PROJECTS



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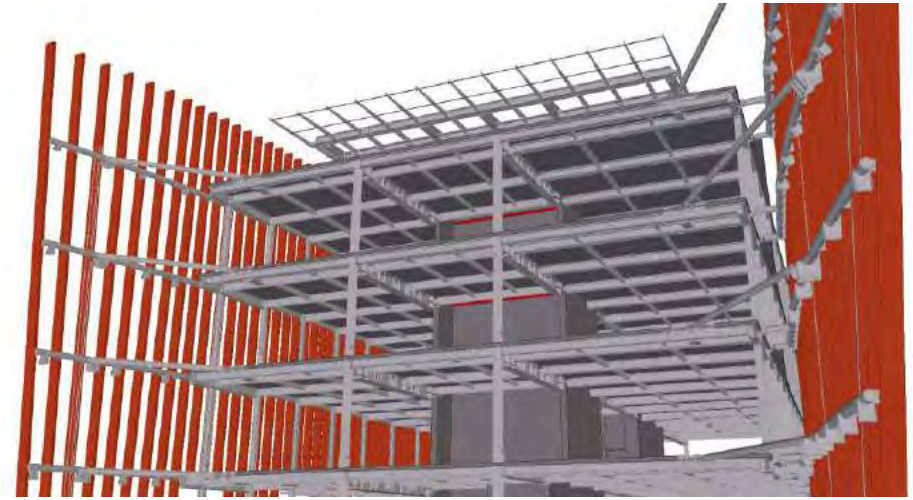

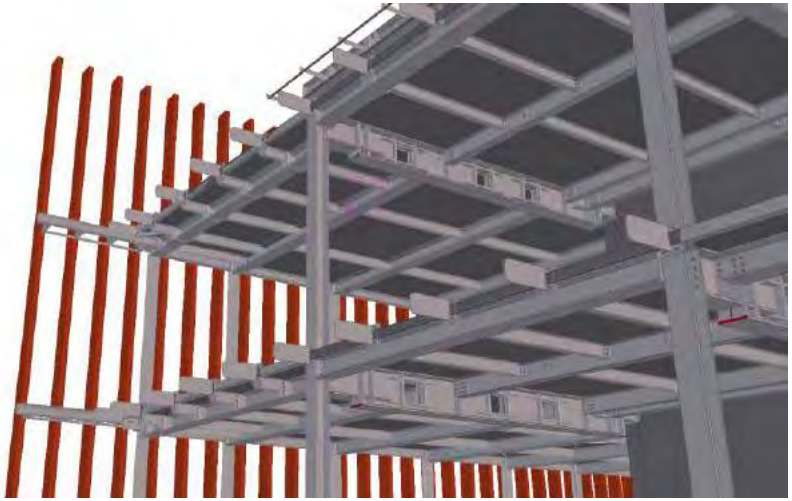

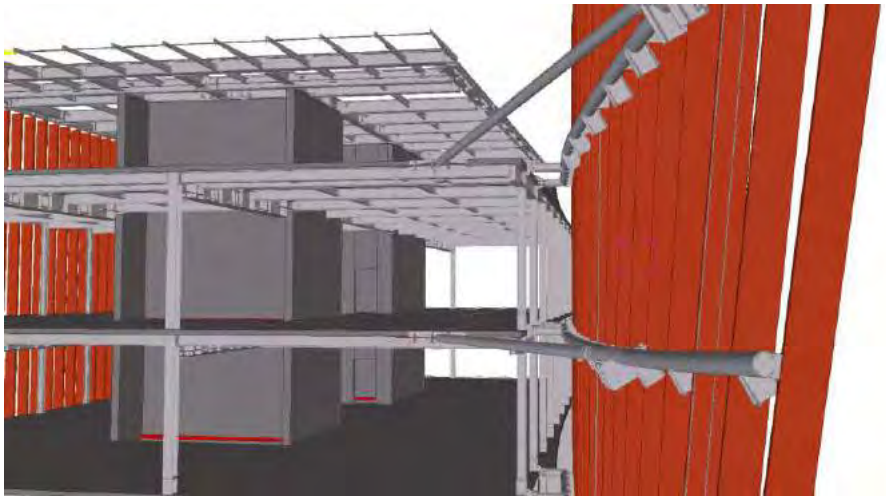

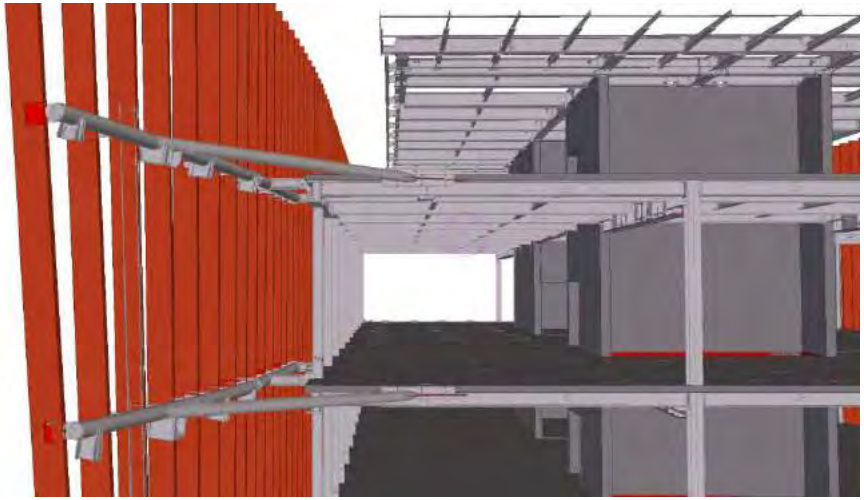

COIMA HEADQUARTERS - PORTA NUOVA MILANO

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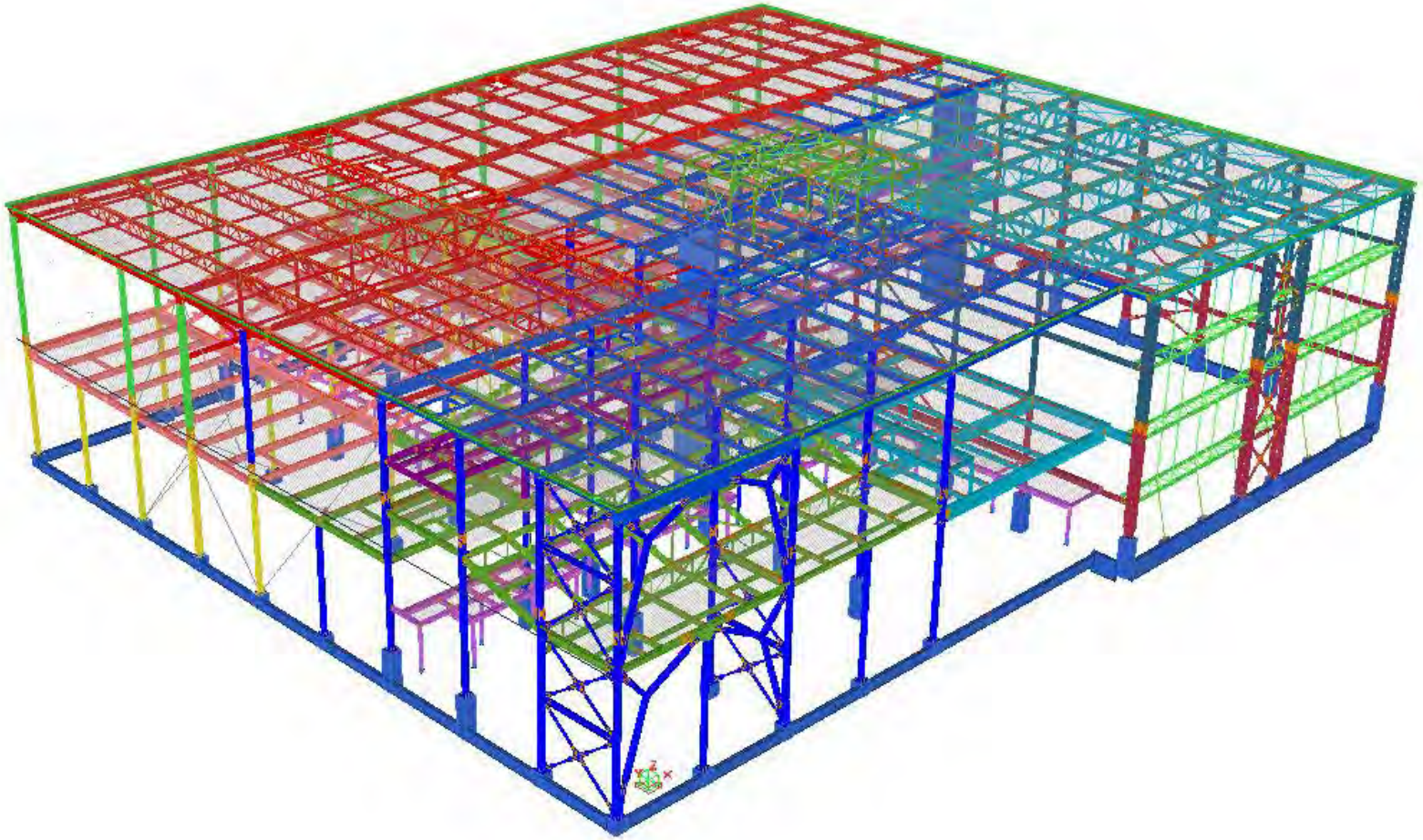
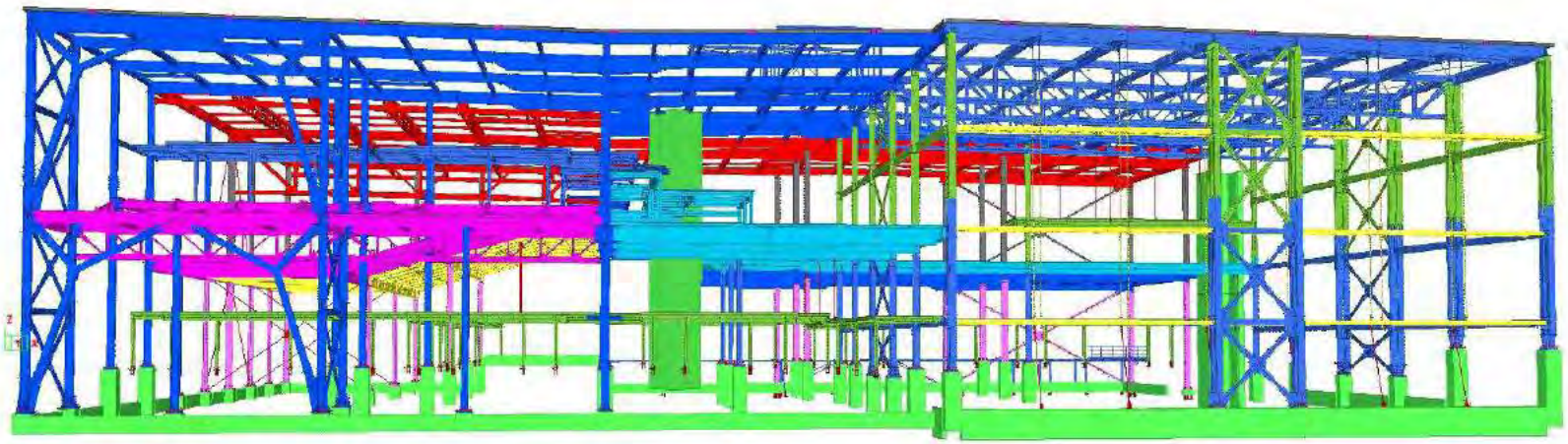
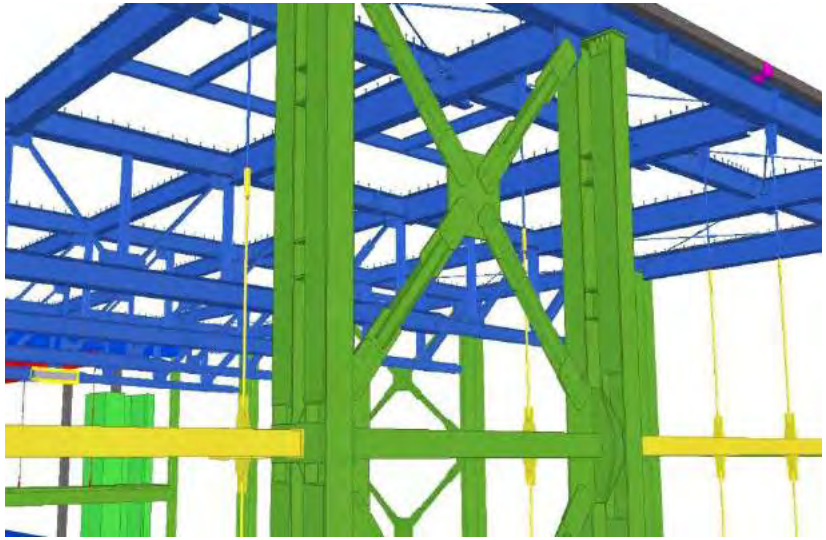
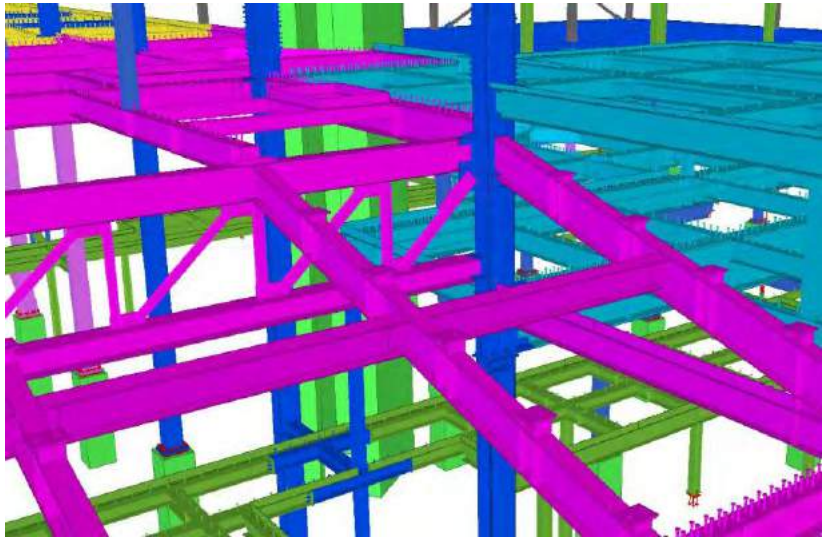


ORIO CENTER – CINEMA MULTISALA

# MAIN PROJECTS







ORIO CENTER – CINEMA MULTISALA

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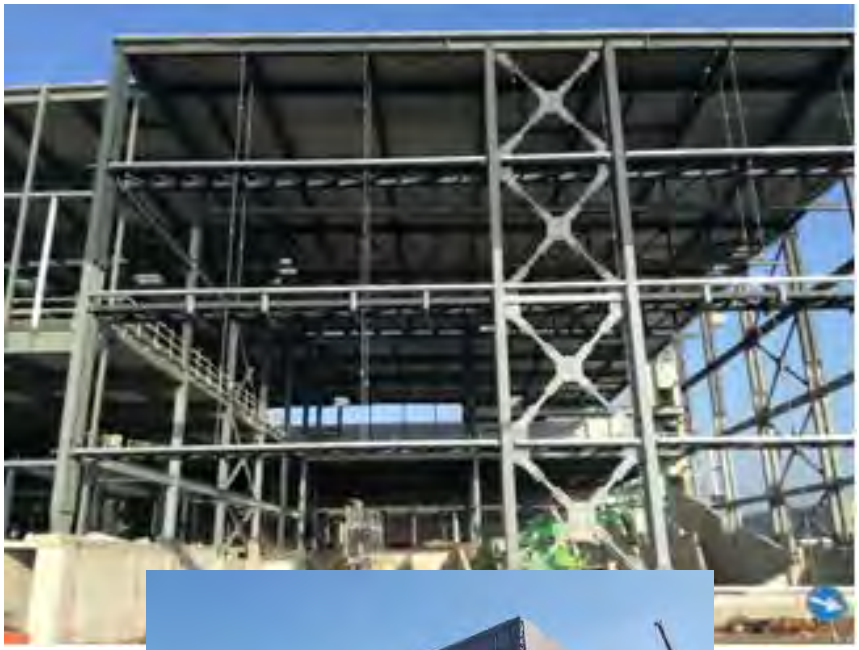
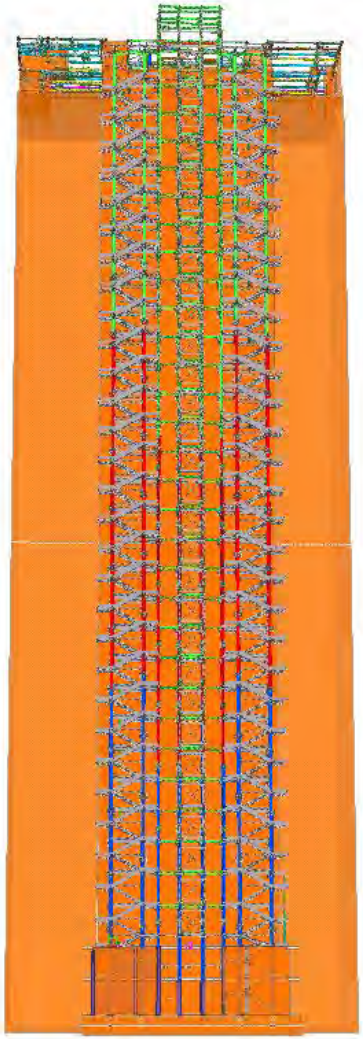
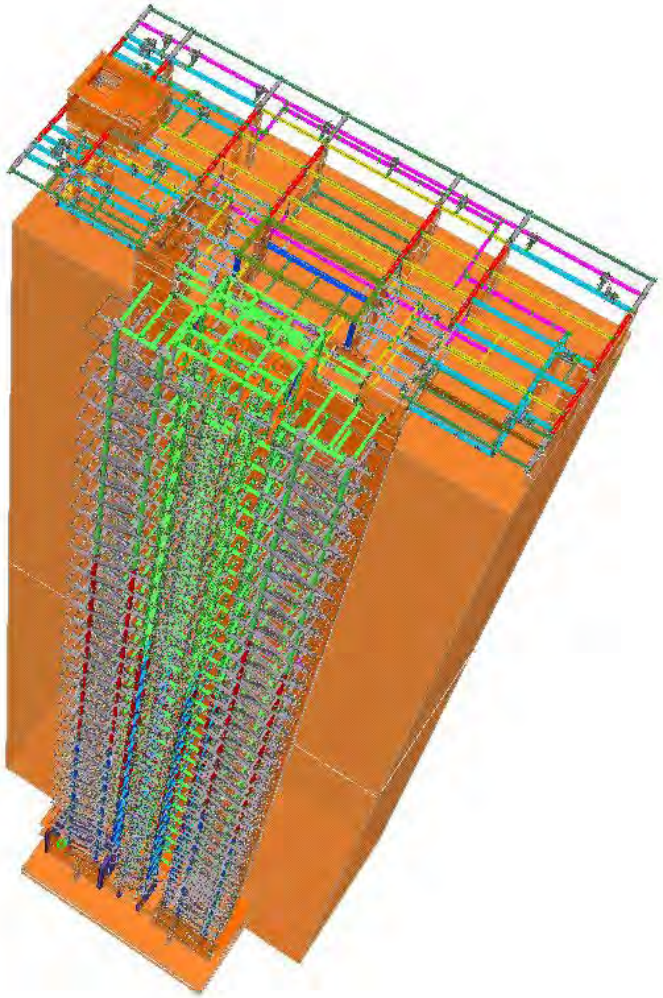


ORIO CENTER – CINEMA MULTISALA





TORRE GALFA – COSTRUTTIVO SCALE E COPERTURA

# MAIN PROJECTS

TORRE GALFA – COSTRUTTIVO SCALE E COPERTURA

# CONTACTS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