

MARCO  
VISCONTI  
architects  
SUSTAINABLE  
DESIGN GROUP  
mvarchitects.it ®

# LA SOSTENIBILITA' IN ARCHITETTURA TRA STRATEGIE E CONCRETEZZA

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Relatore:

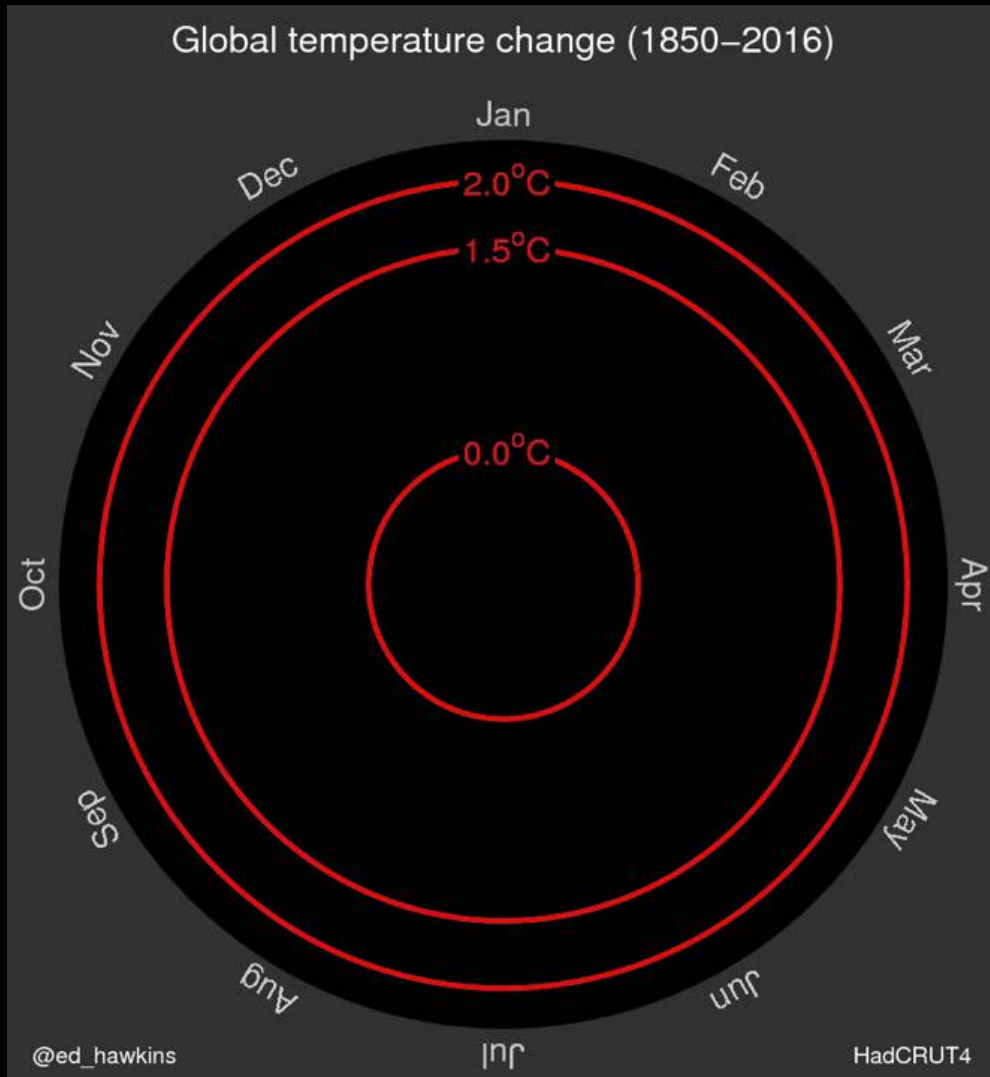
Marco Visconti

ASSOCIAZIONE ASPESI & COBATY ITALIA

Hotel de la Ville – Via U. Hoepli 6 Milano – 6 luglio 2016

# SPIRALLING GLOBAL TEMPERATURE

Ed Hawkins, National Centre for Atmospheric Science (NCAS), University of Reading, U.K.



COME RISPOSTA ALL'EMERGENZA AMBIENTALE IL PROGETTO **RESILIENTE** PREVEDE UN SISTEMA DI STRATEGIE MIRATE ALLA REALIZZAZIONE DI UN EDIFICIO SOSTENIBILE CHE, SEGUENDO I FUTURI CAMBIAMENTI D'USO, SIA PENSATO PER ESSERE MODIFICATO SIA IN RIDUZIONE CHE IN AMPLIAMENTO

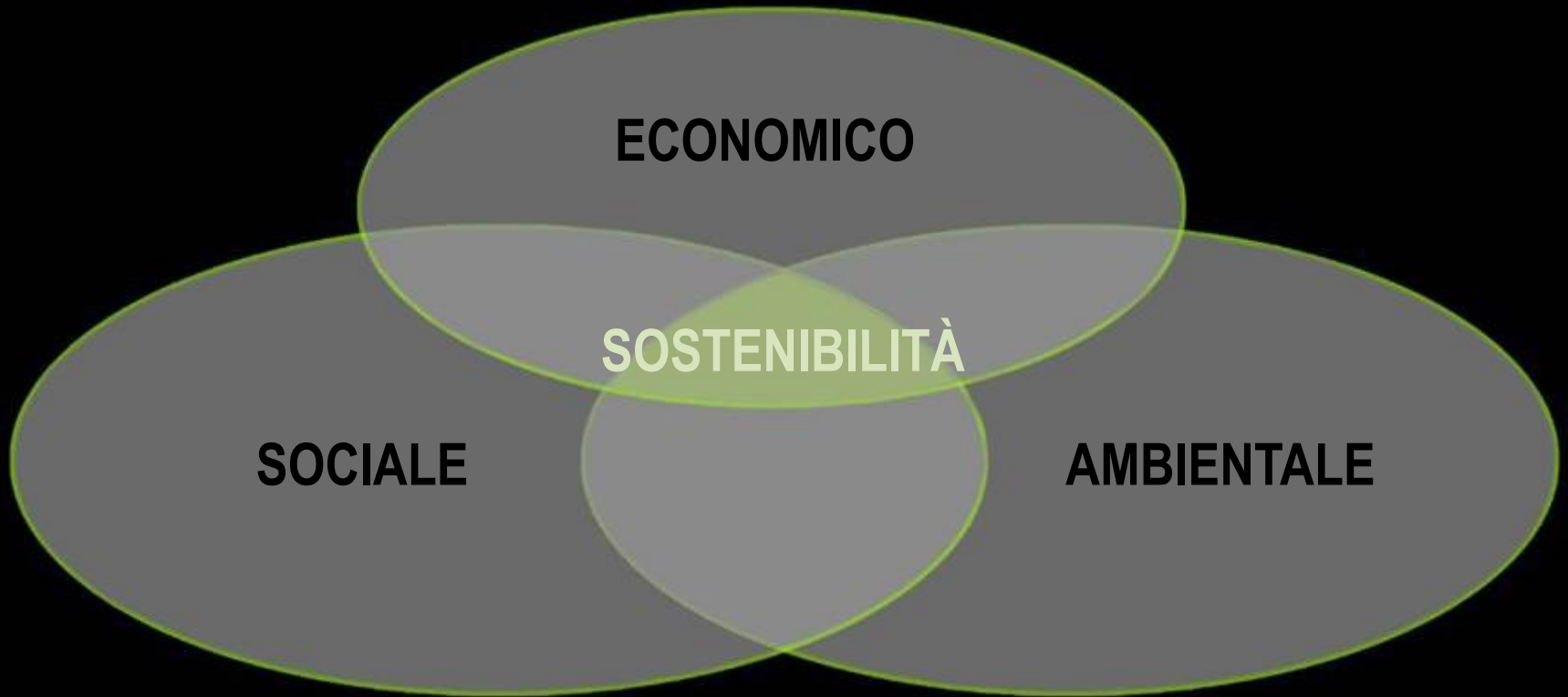


## UN PROGETTO RESILIENTE

EDIFICI PROGETTATI ATTRAVERSO STRATEGIE SOSTENIBILI DI IMPIEGO E GENERAZIONE DELL'ENERGIA

ARCHITETTURA FLESSIBILE IN GRADO DI ADATTARSI E RISPONDERE AI POSSIBILI FUTURI CAMBIAMENTI

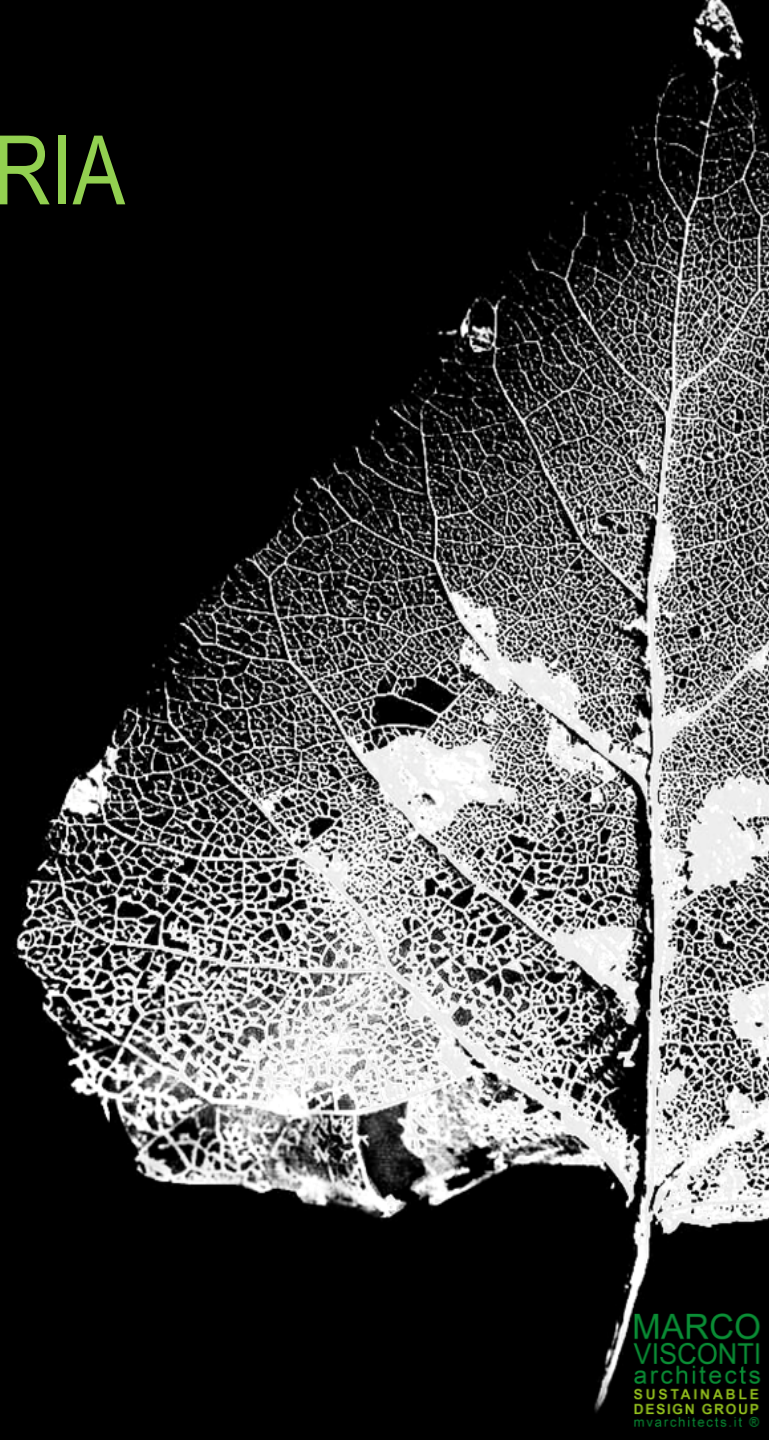
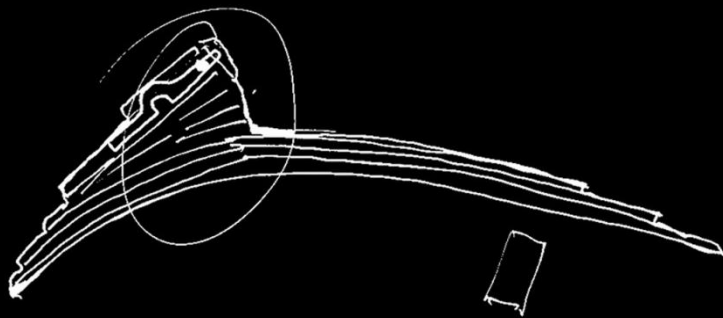
# UNIRE TRE INTERESSI TRA LORO CONTRAPPOSTI





# ARBO STAZIONE FERROVIARIA

CONCORSO AD INVITI  
BOLZANO















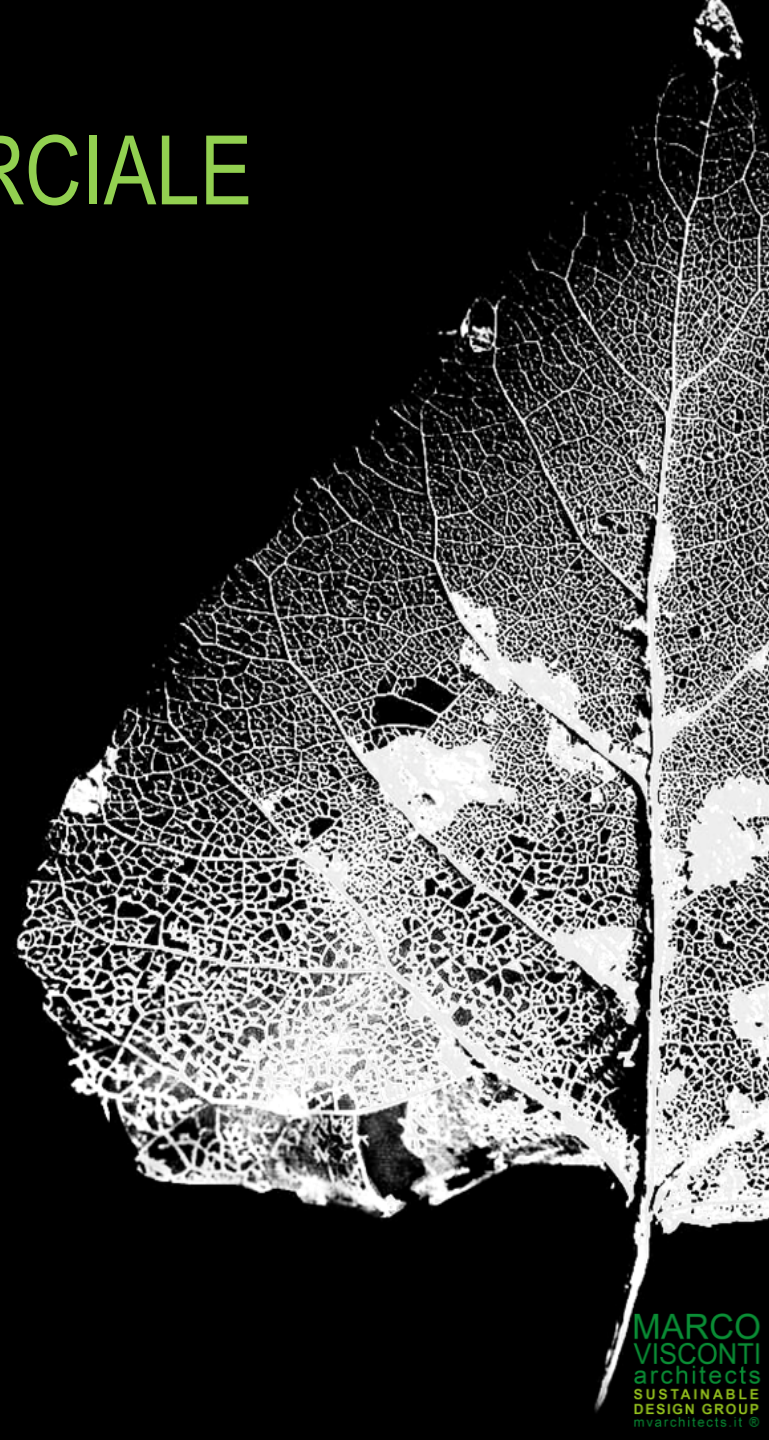


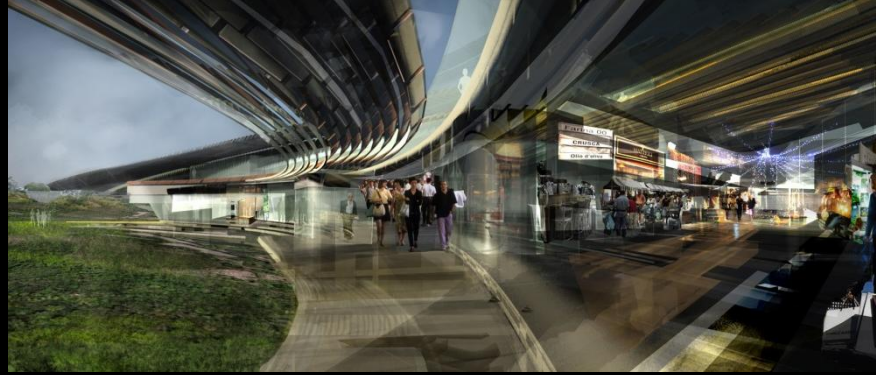
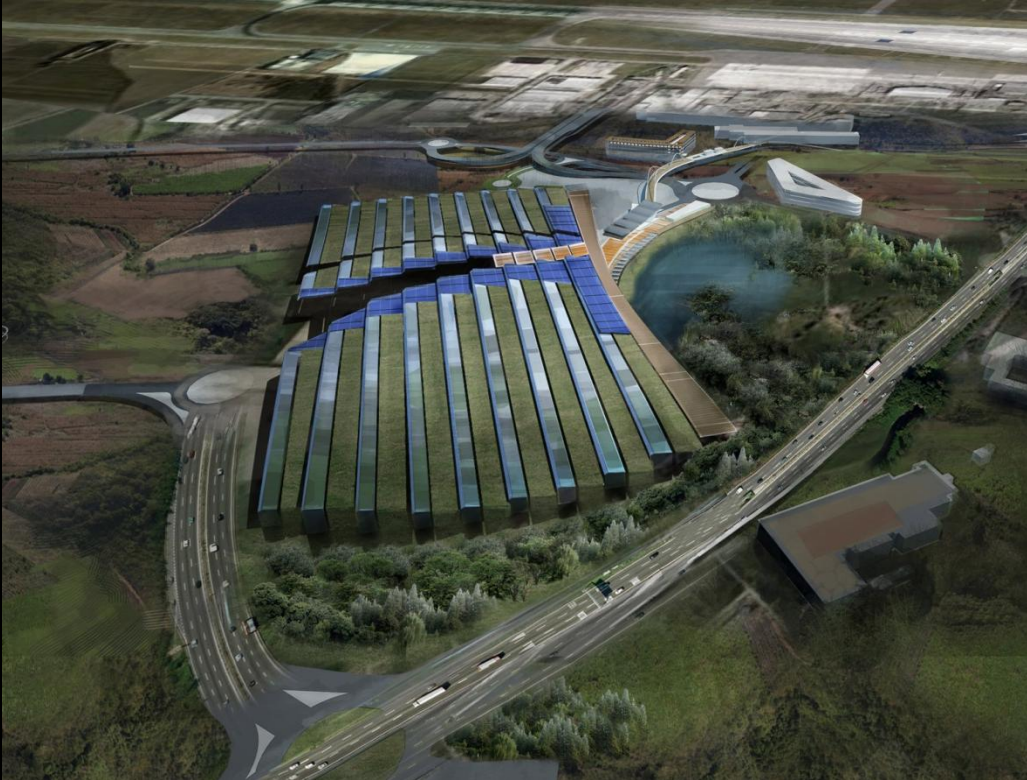




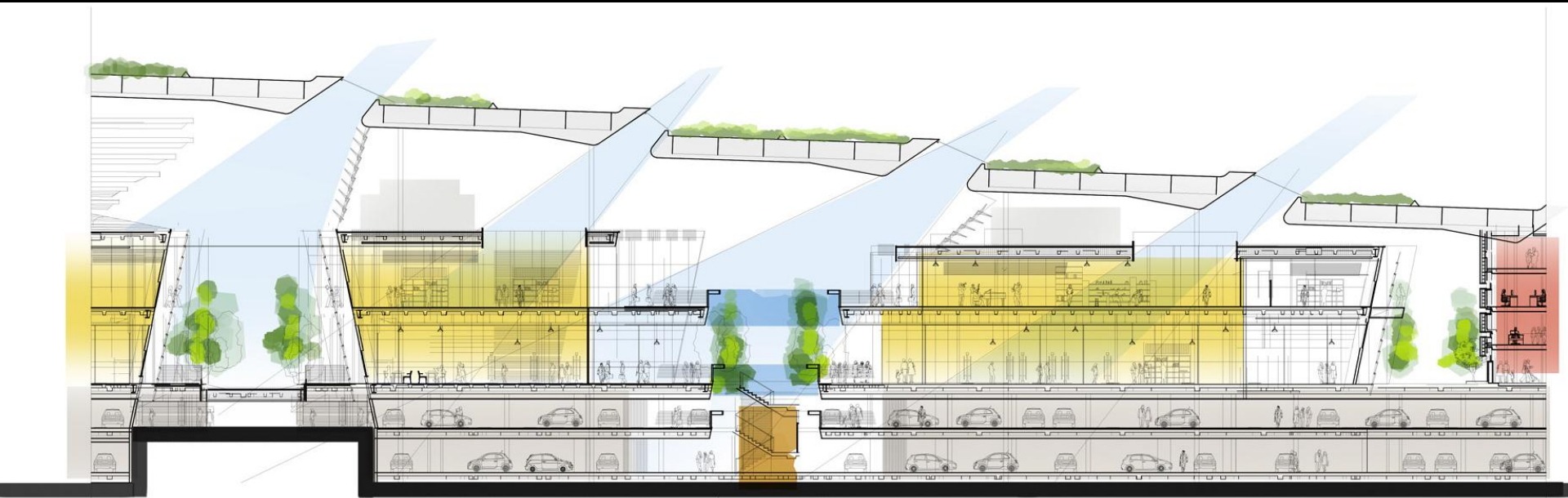
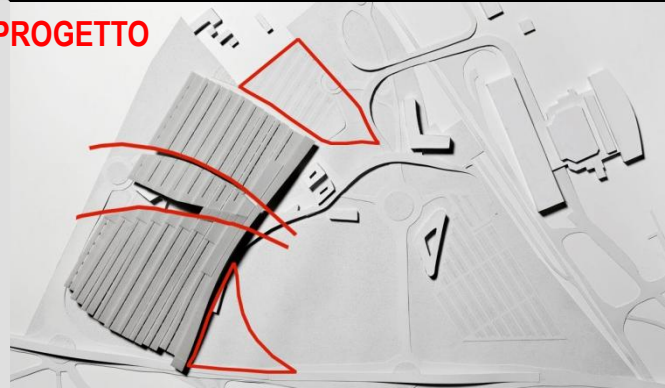
# CASELLE CENTRO COMMERCIALE E SPAZI PUBBLICI

CASELLE





**ESTENSIONE PROGETTO  
FASI**

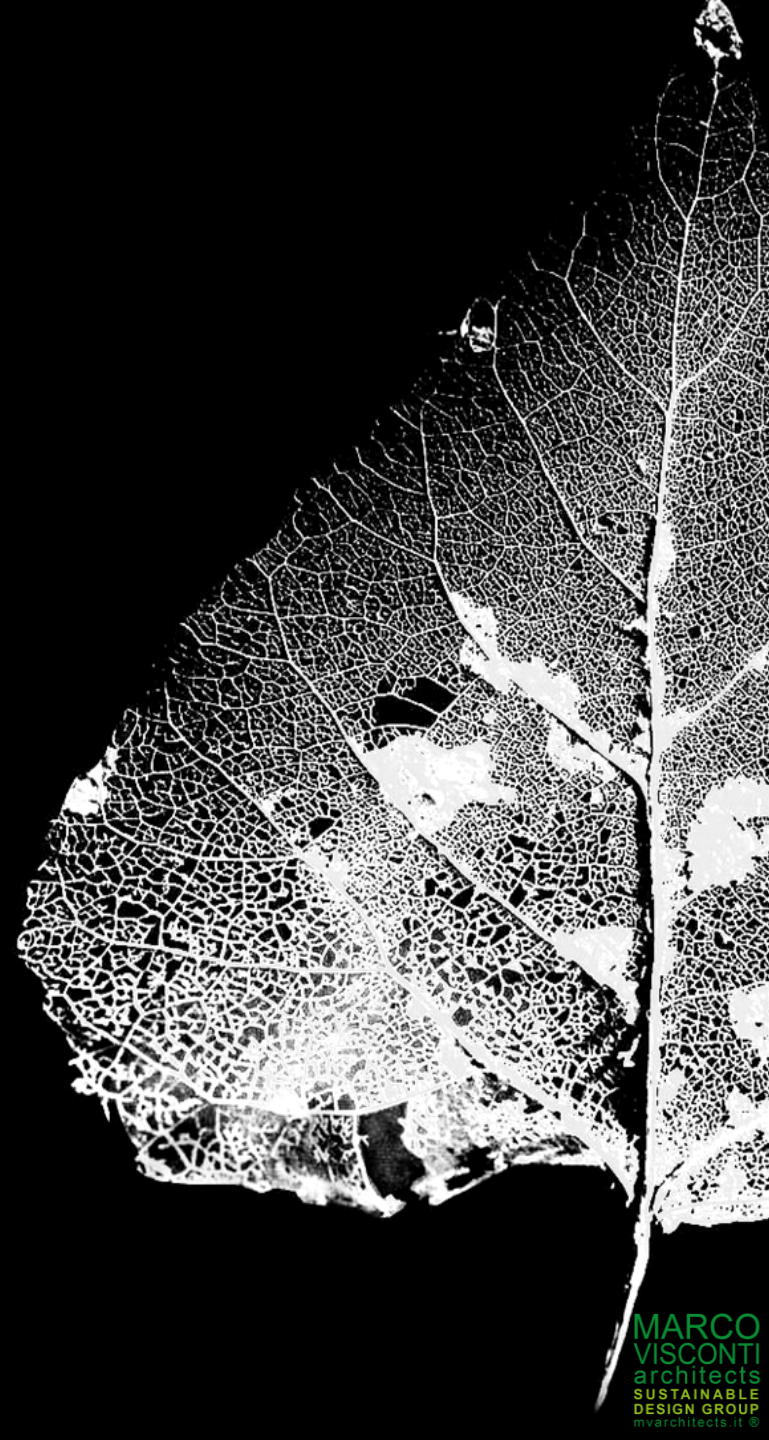
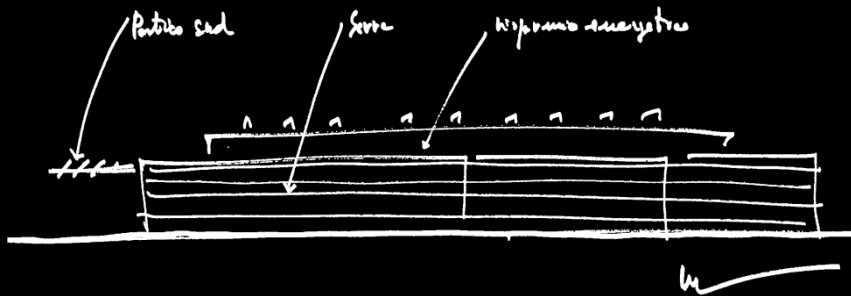






# MECCANICA FERRARI

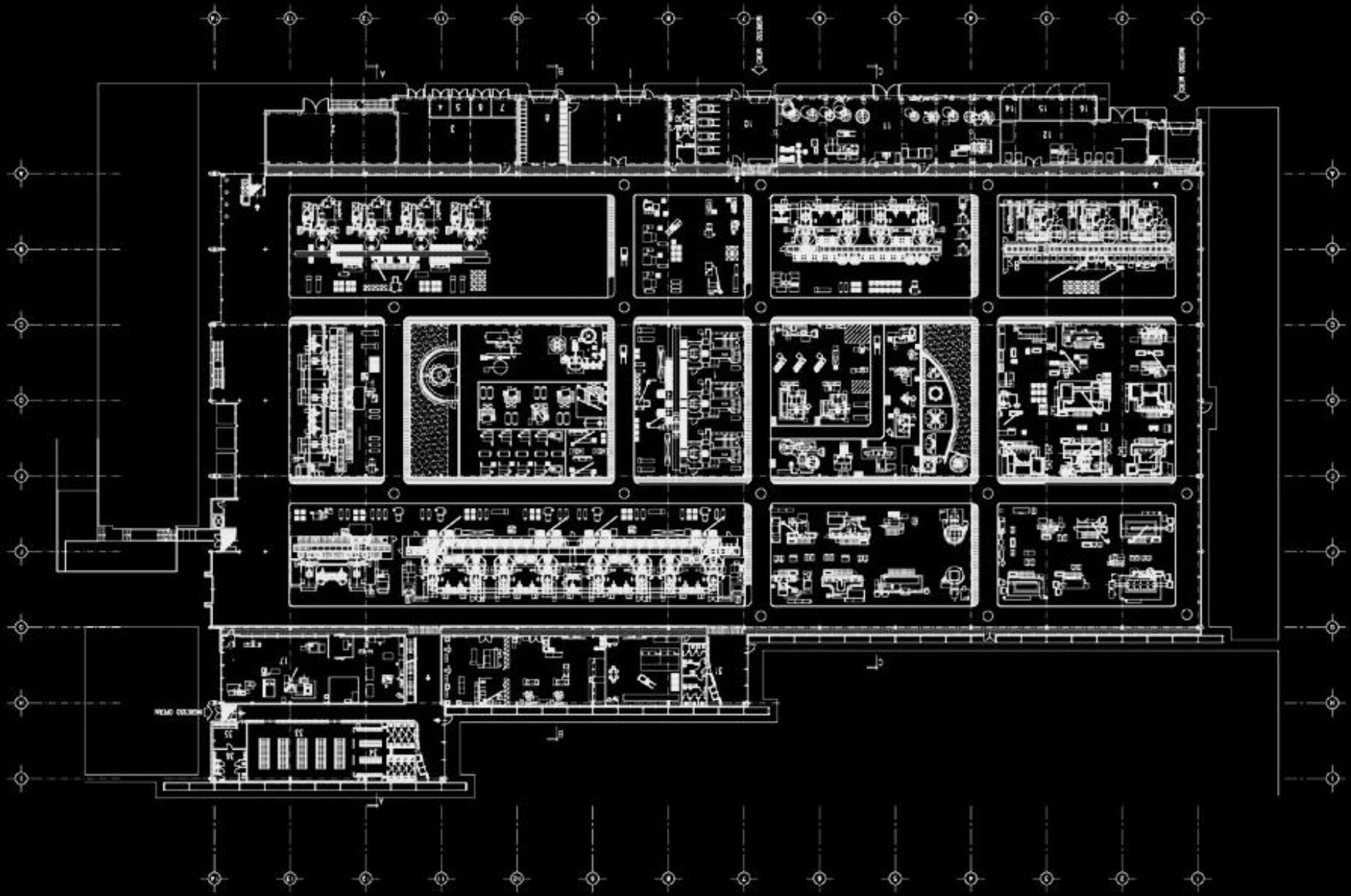
MARANELLO

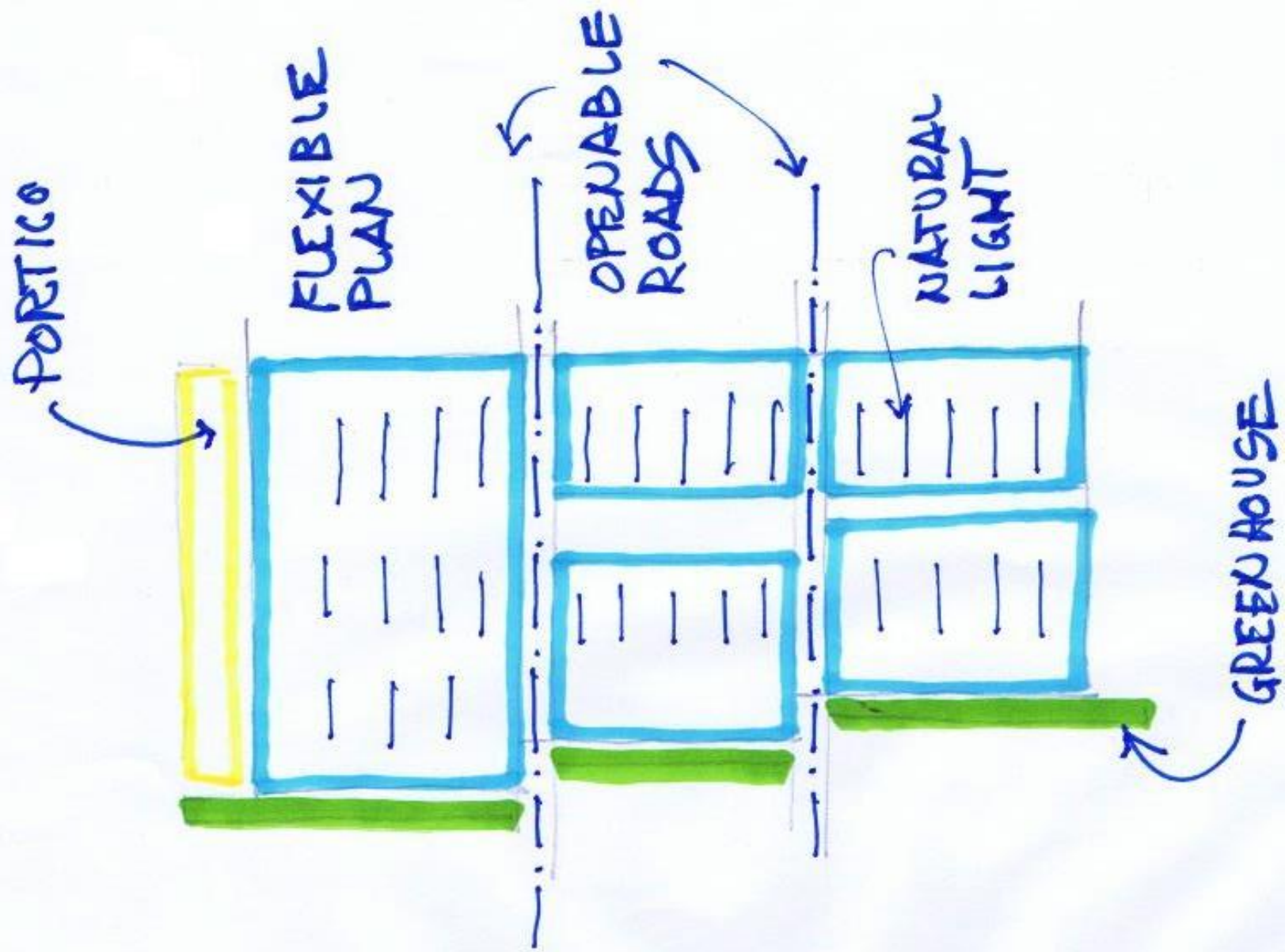




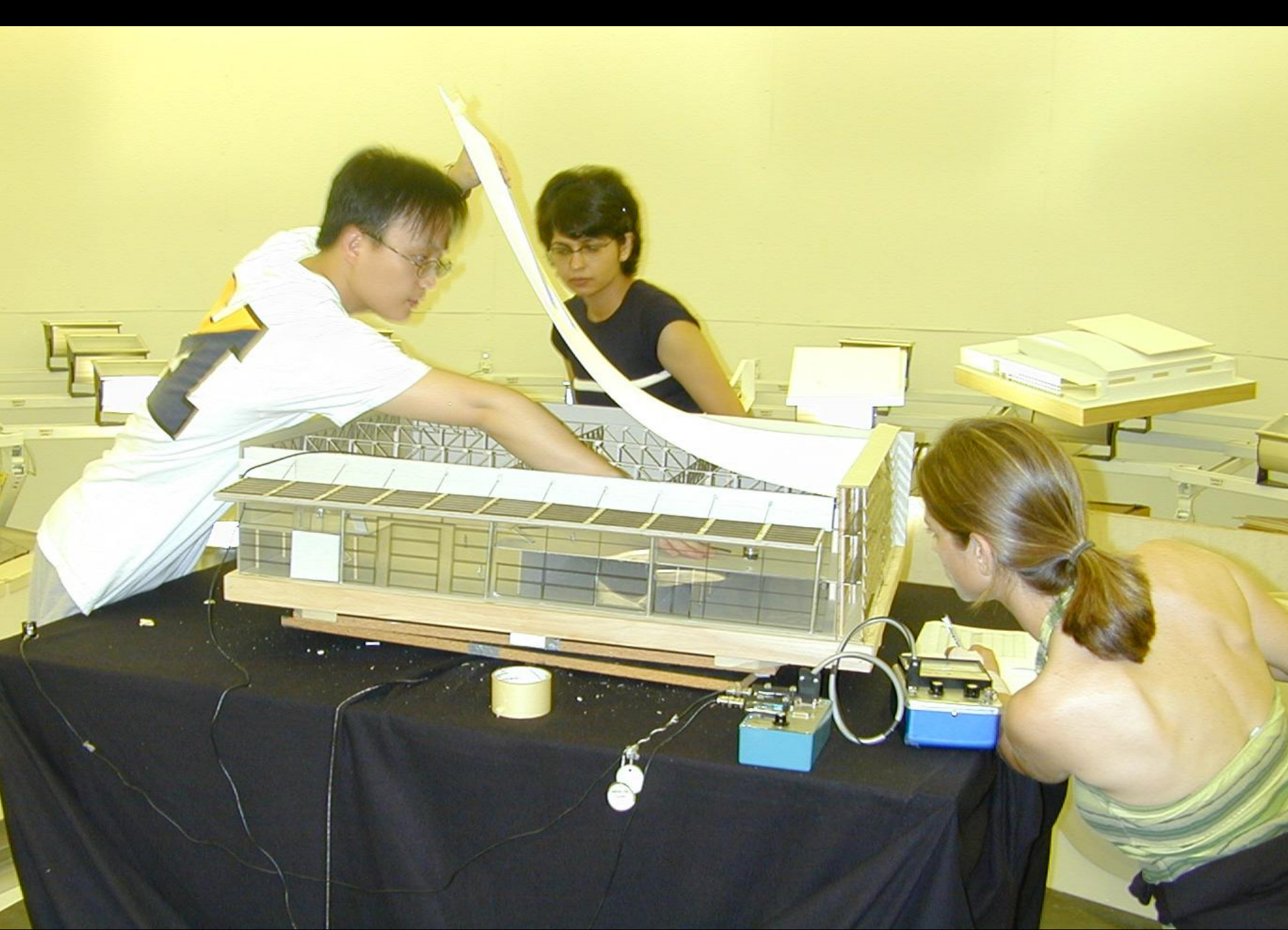


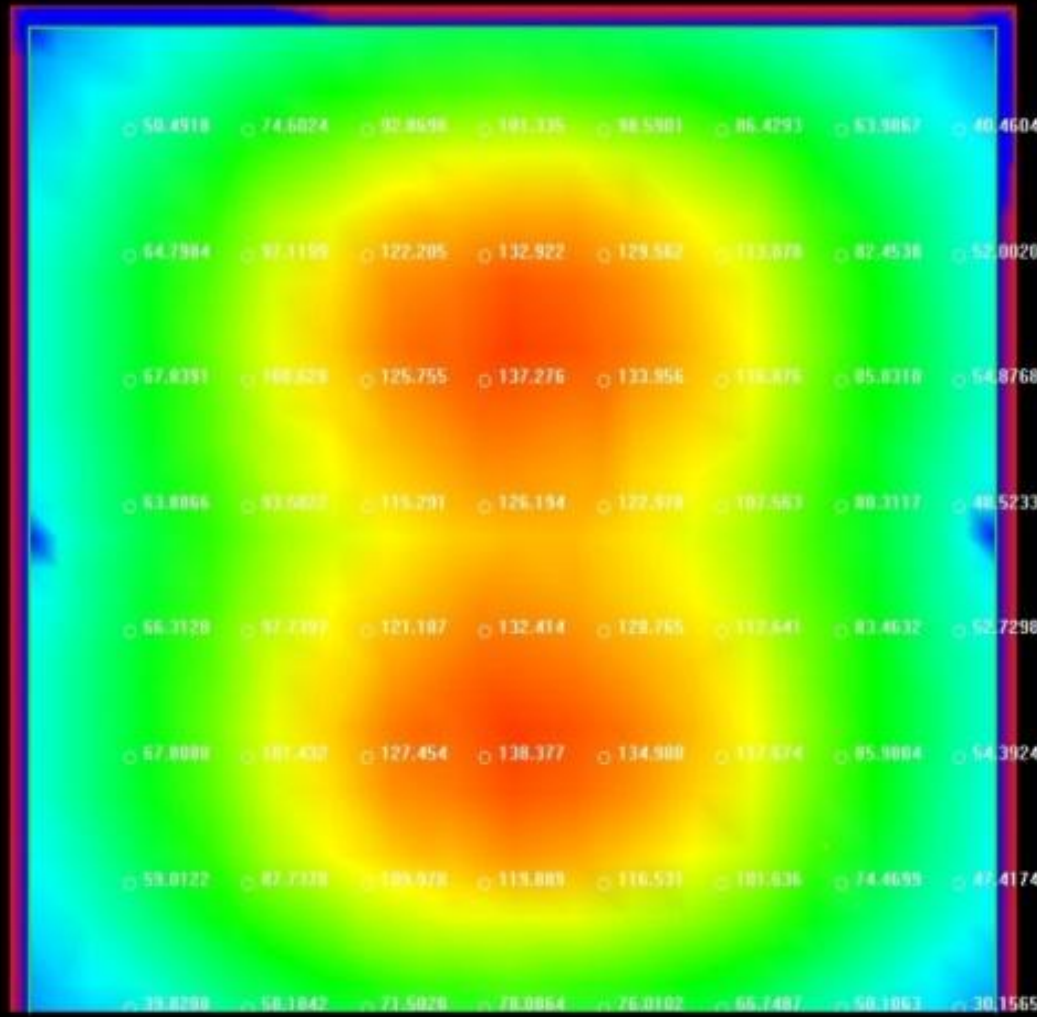








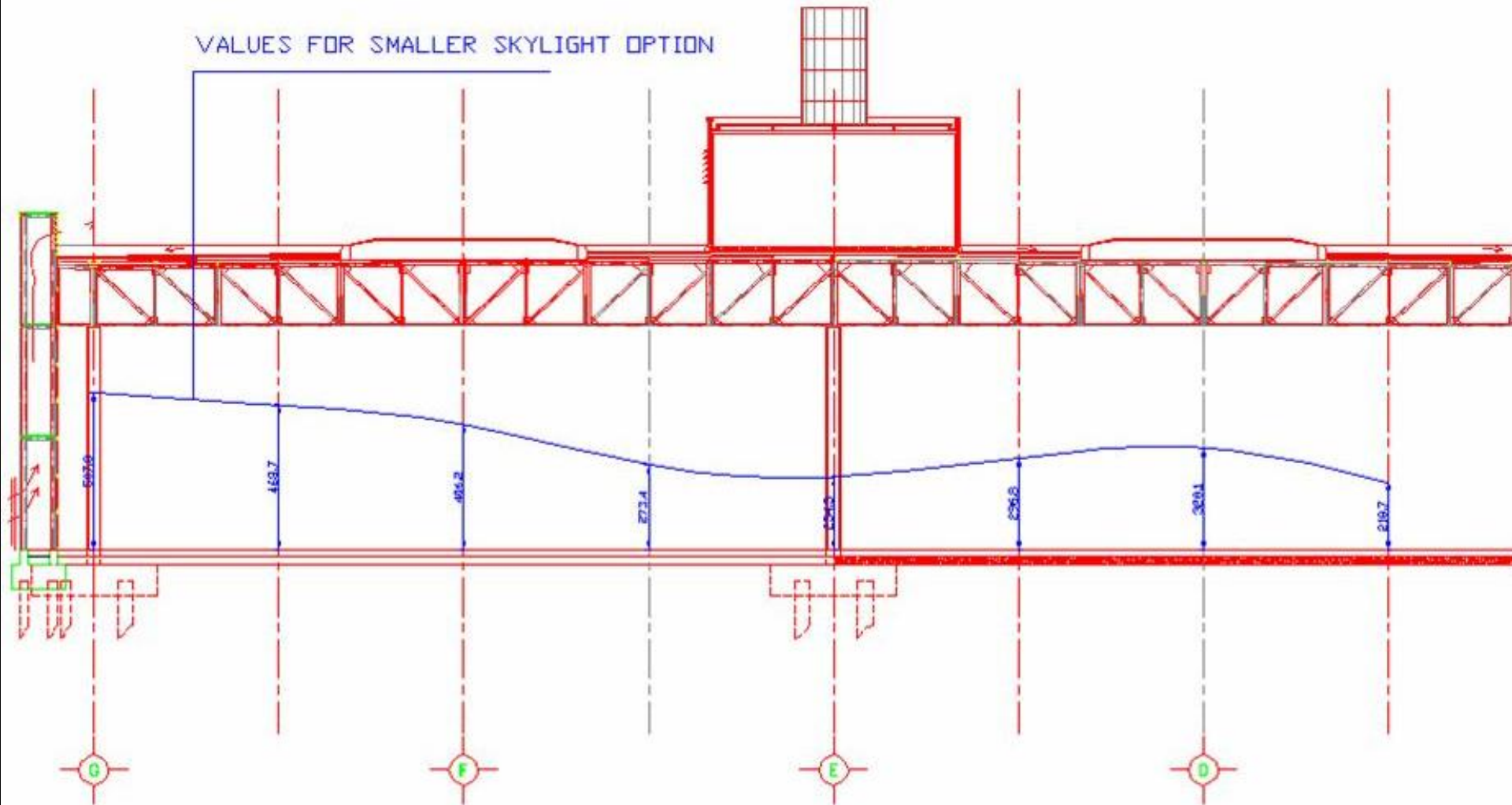




Illuminance [fc]



VALUES FOR SMALLER SKYLIGHT OPTION













































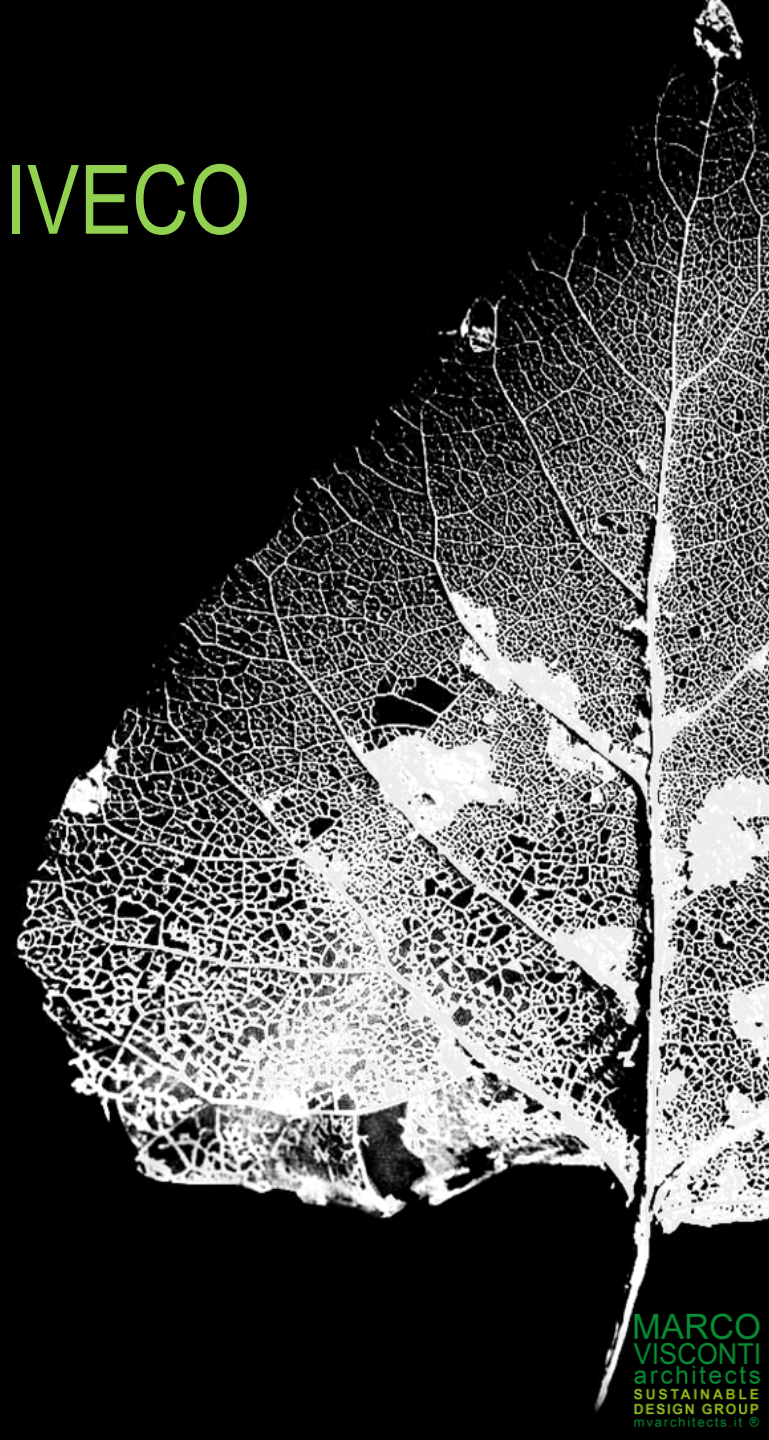
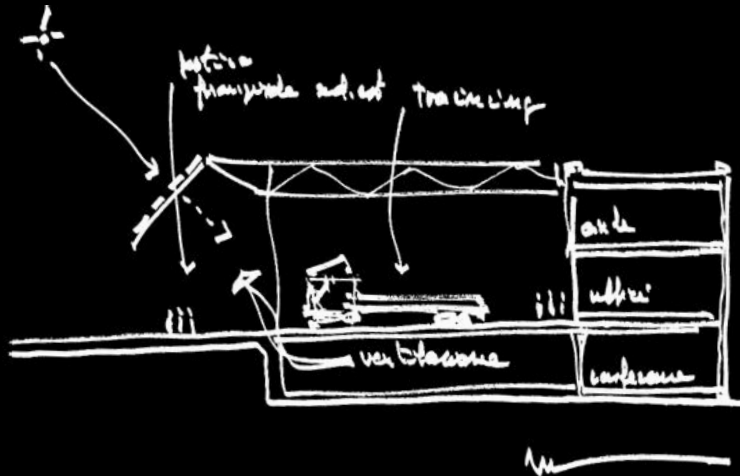


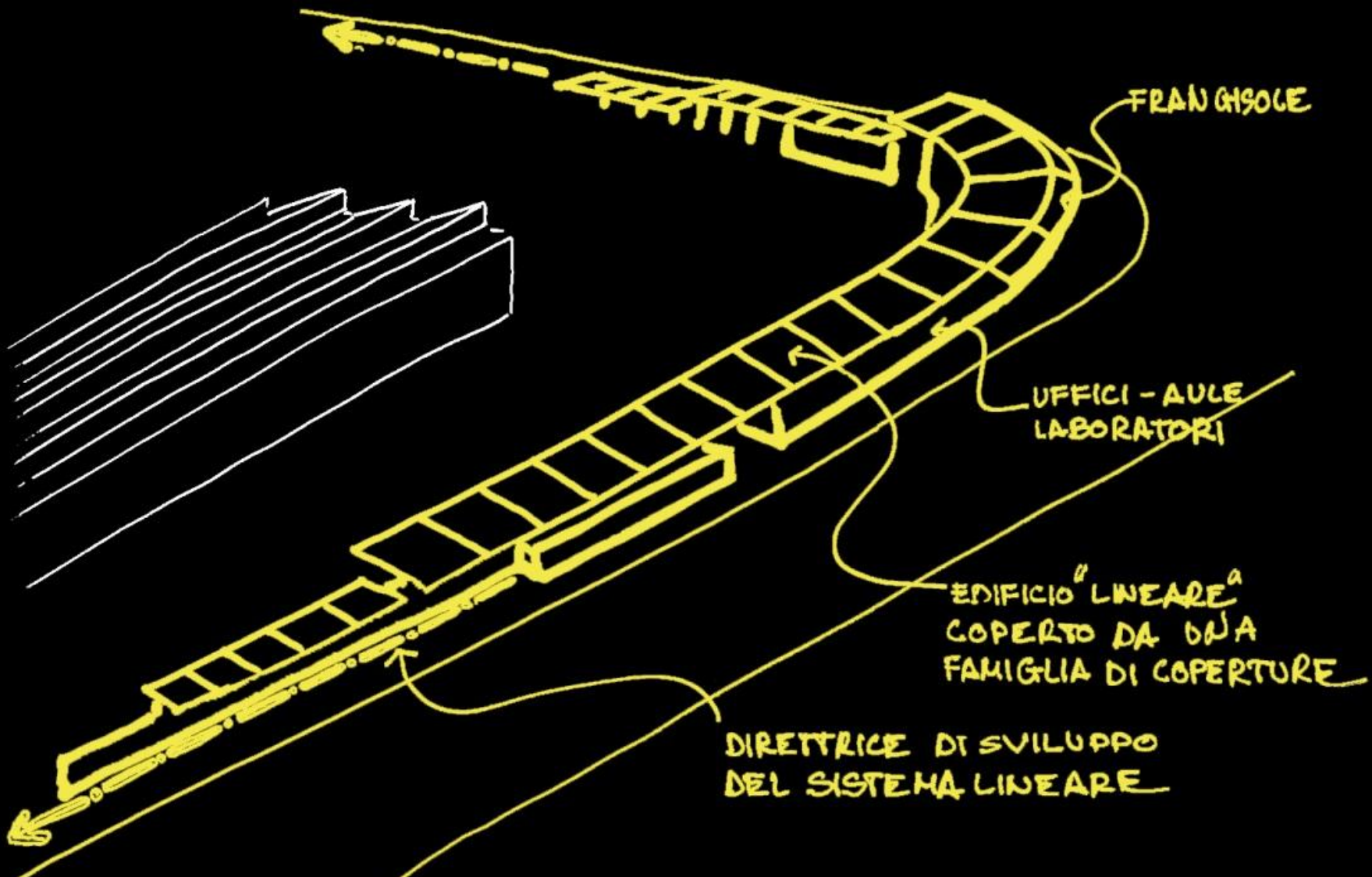




# CENTRO POLIFUNZIONALE IVECO

TORINO





FRANGISOLE

UFFICI - AULE  
LABORATORI

EDIFICIO "LINEARE"  
COPERTO DA UNA  
FAMIGLIA DI COPERTURE

DIRETTRICE DI SVILUPPO  
DEL SISTEMA LINEARE













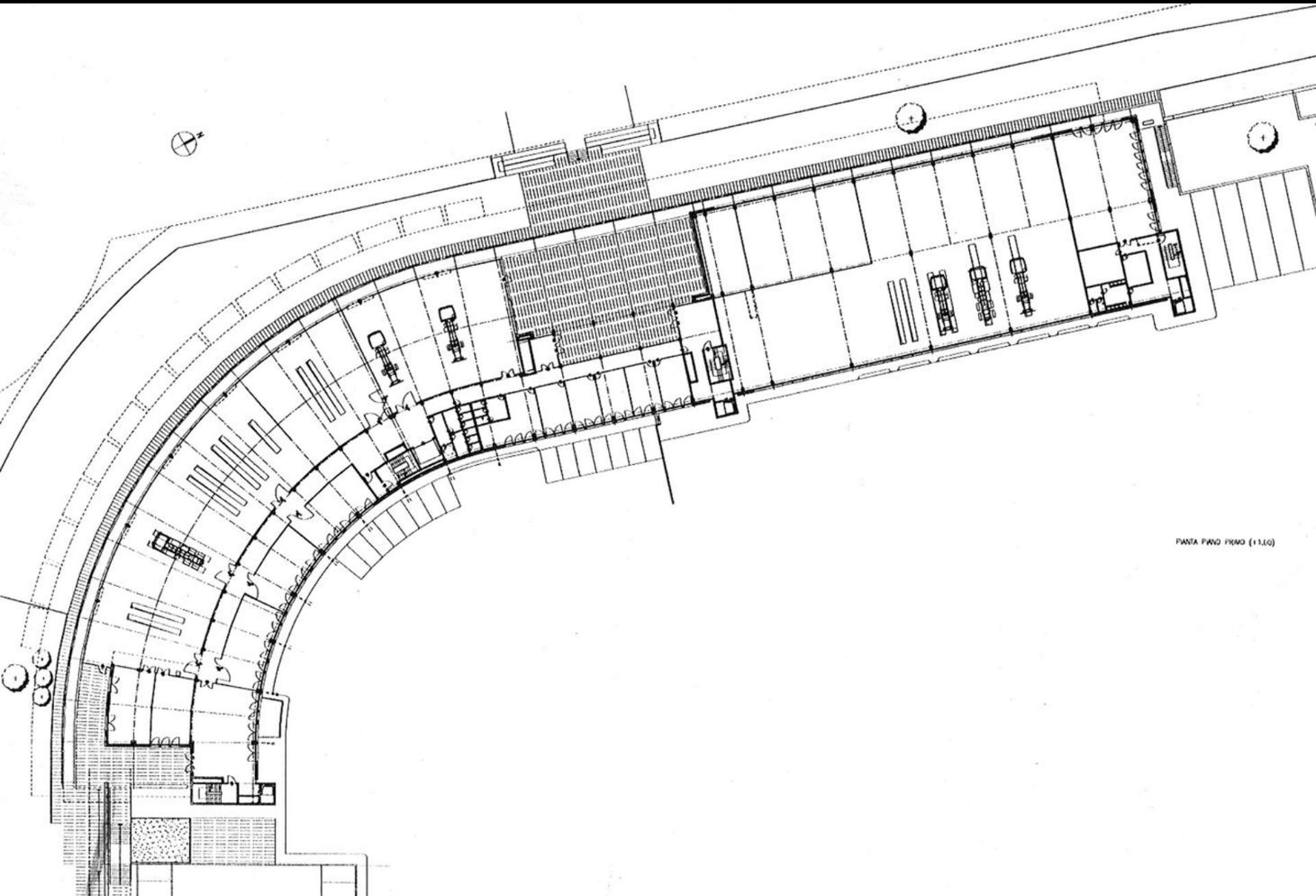












PANTA PIANO PRIMO (1:1.00)









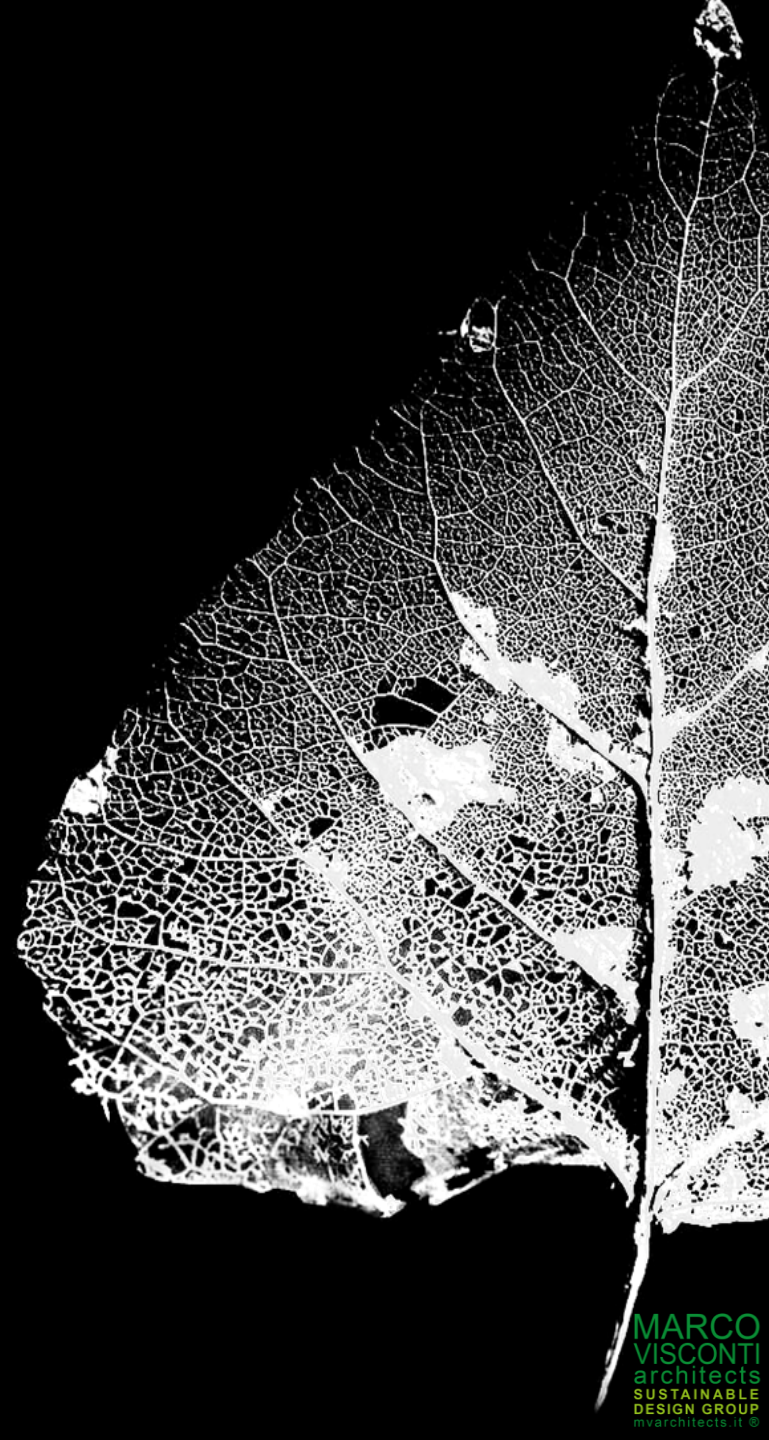
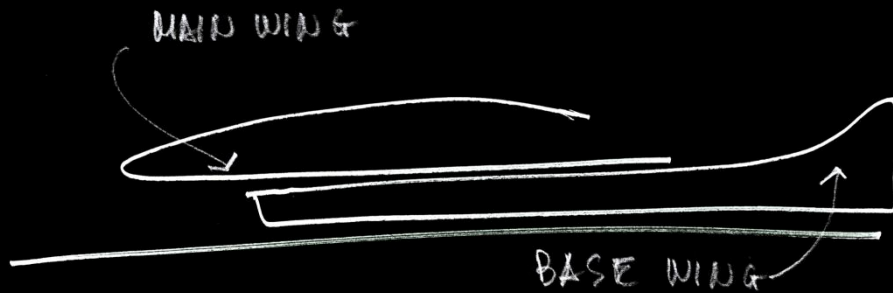






# RISTORANTE FERRARI

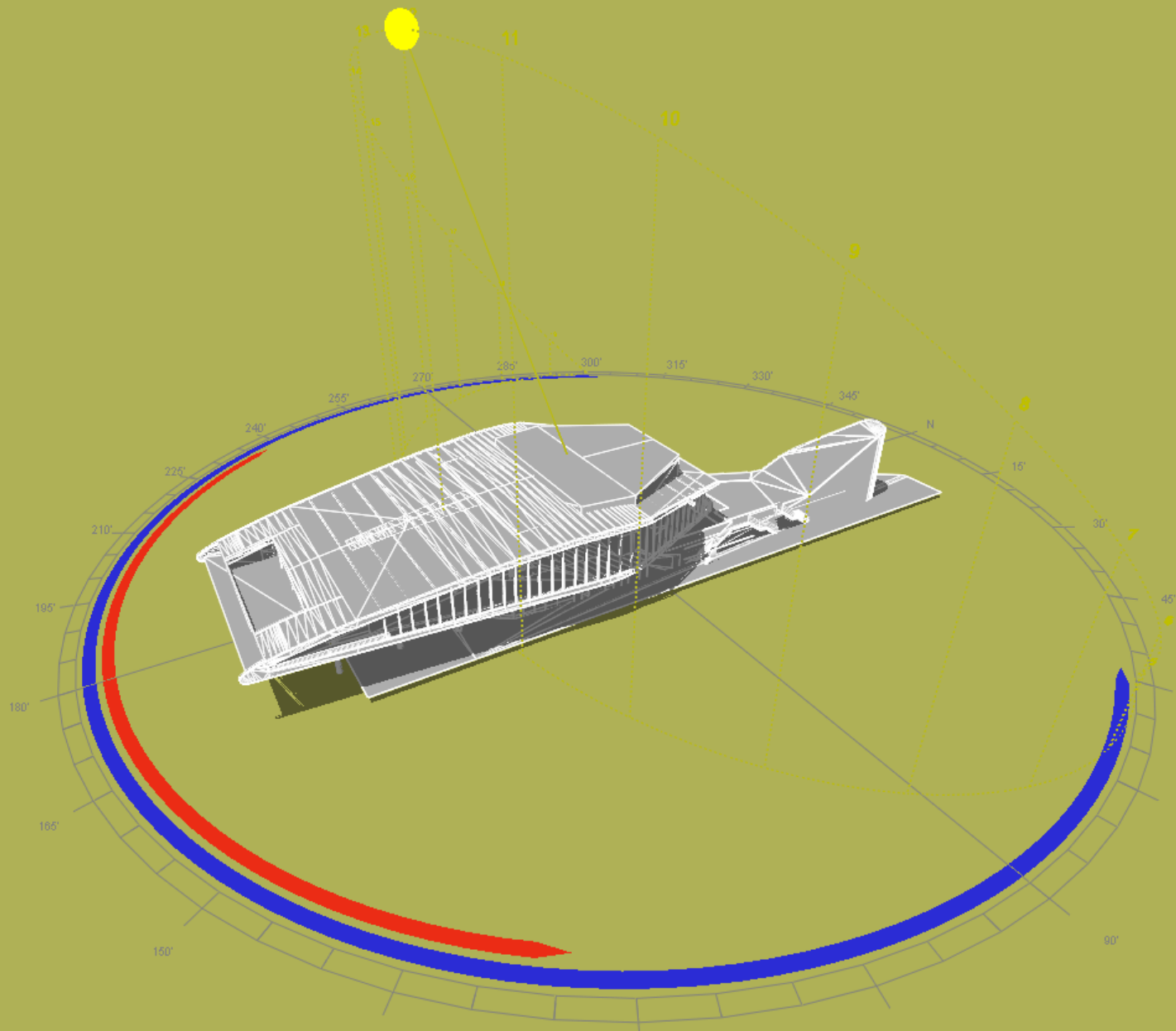
MARANELLO





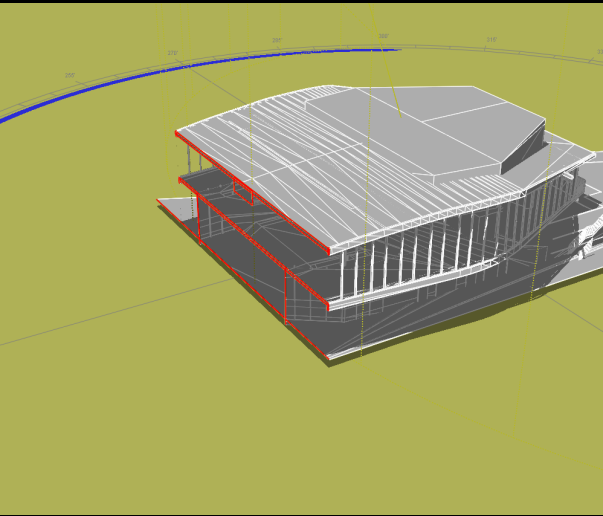




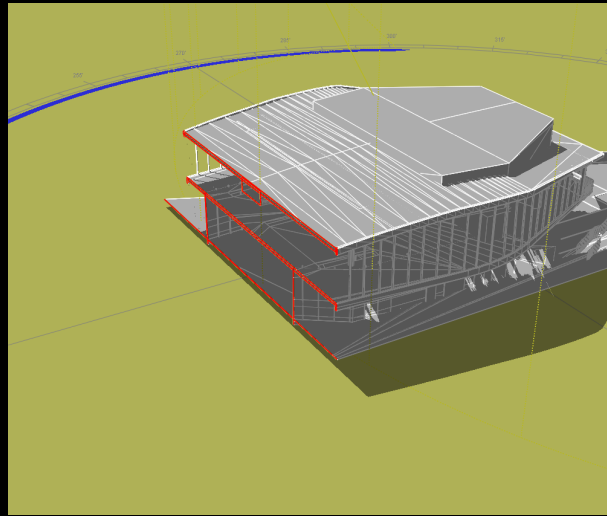




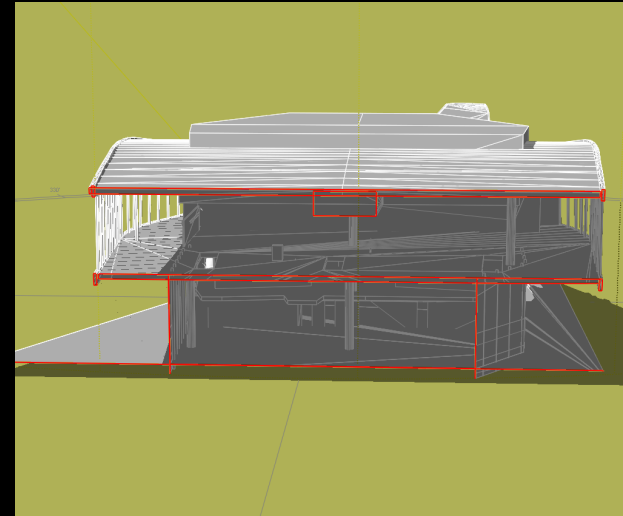
ORE 12



ORE 14

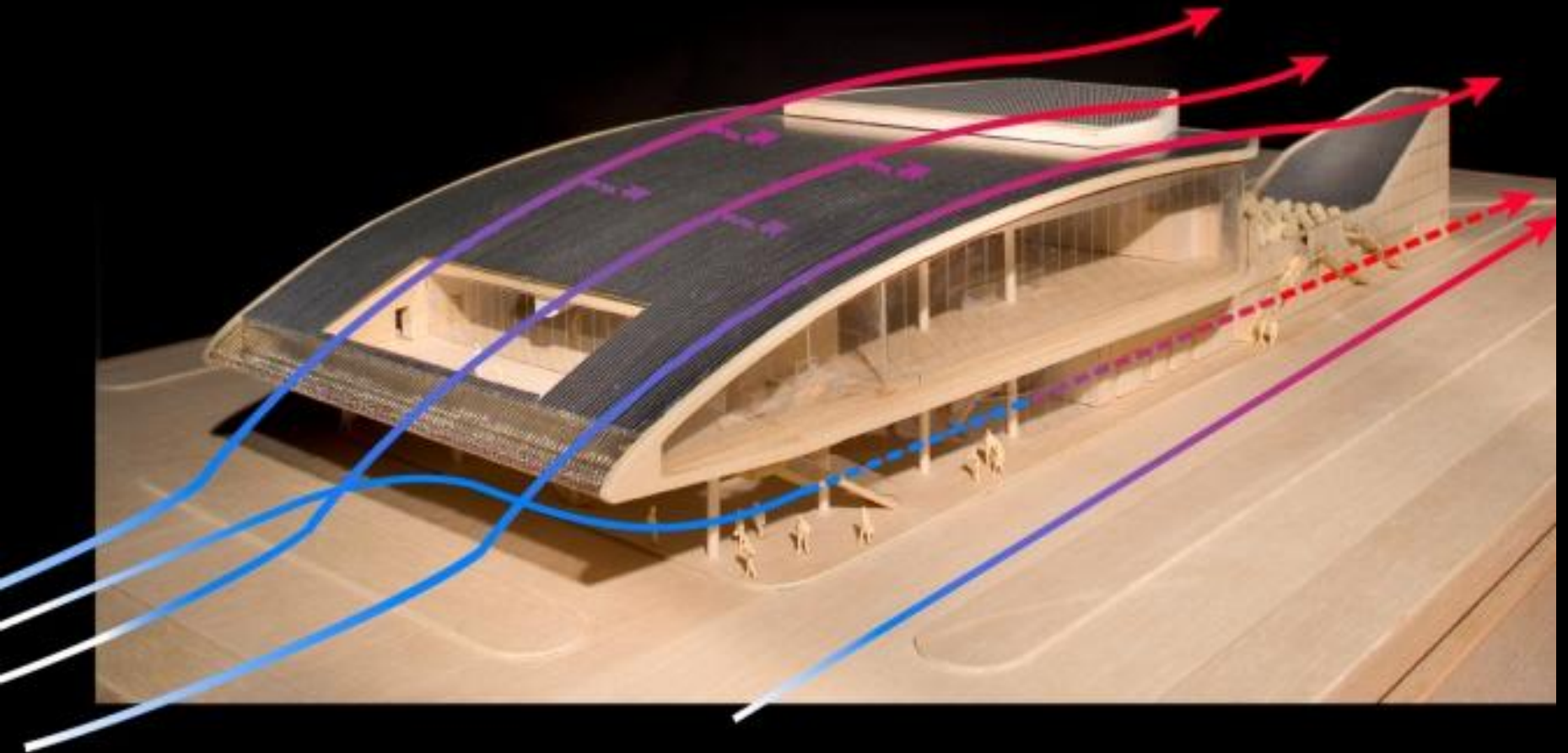


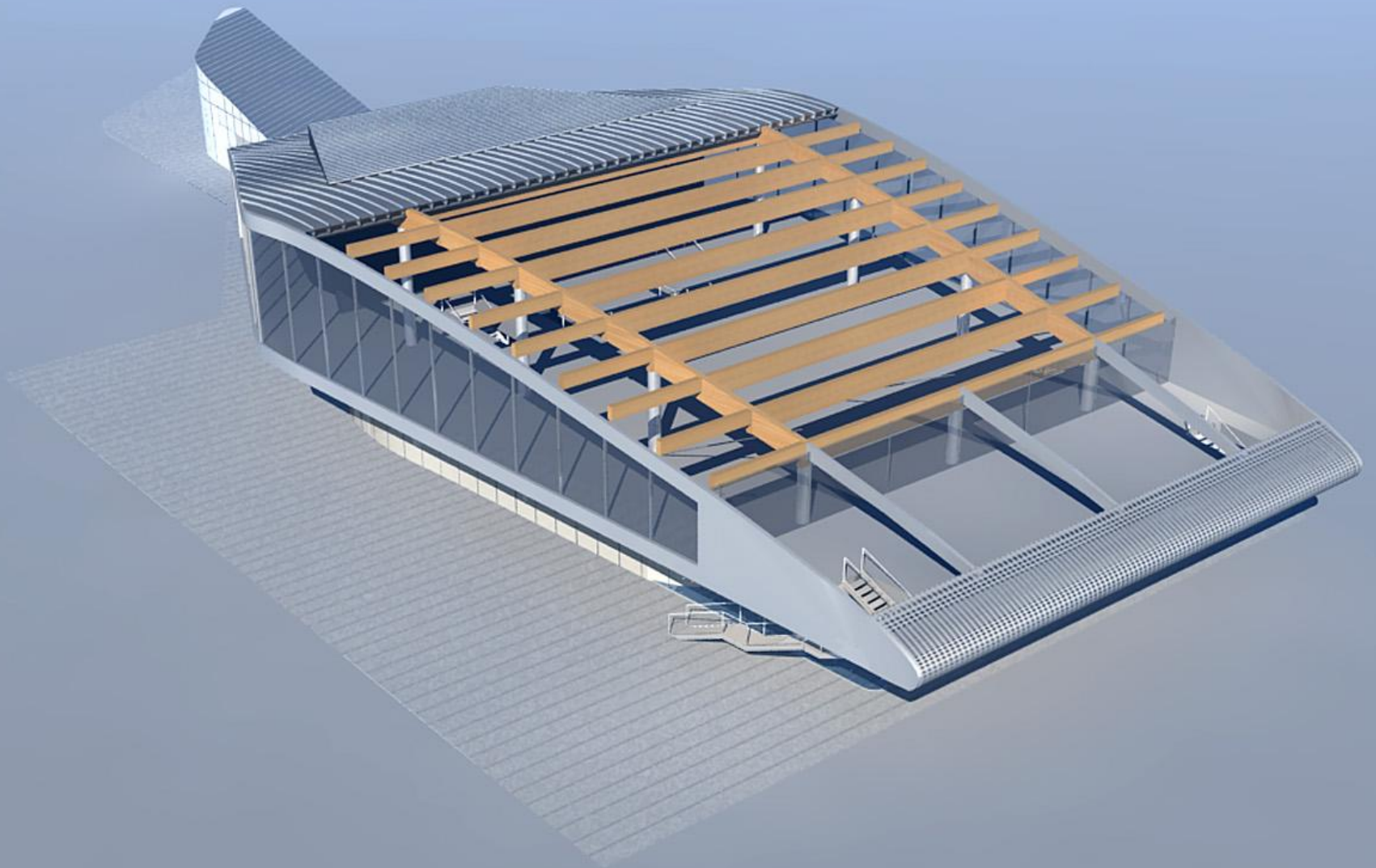
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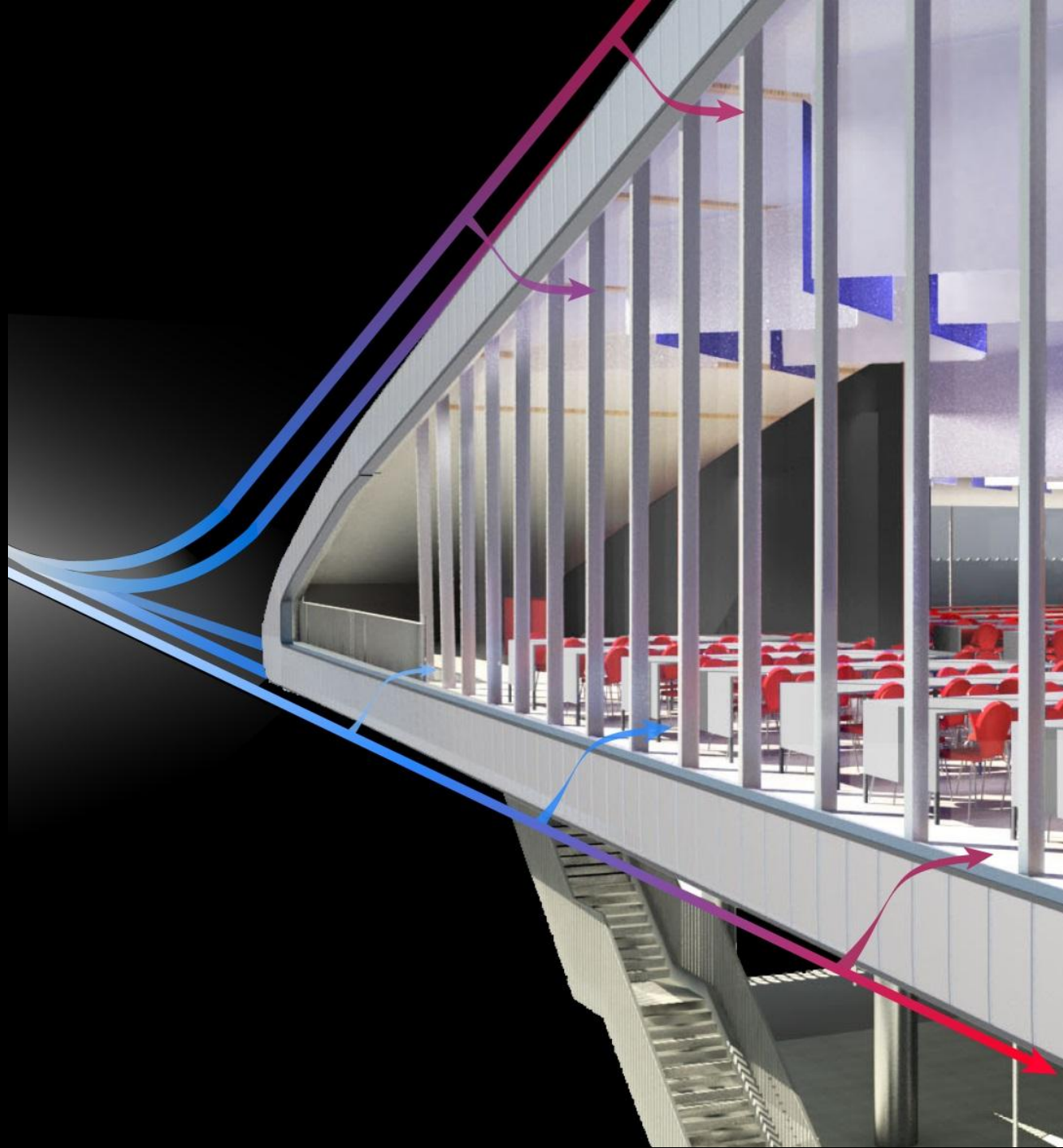


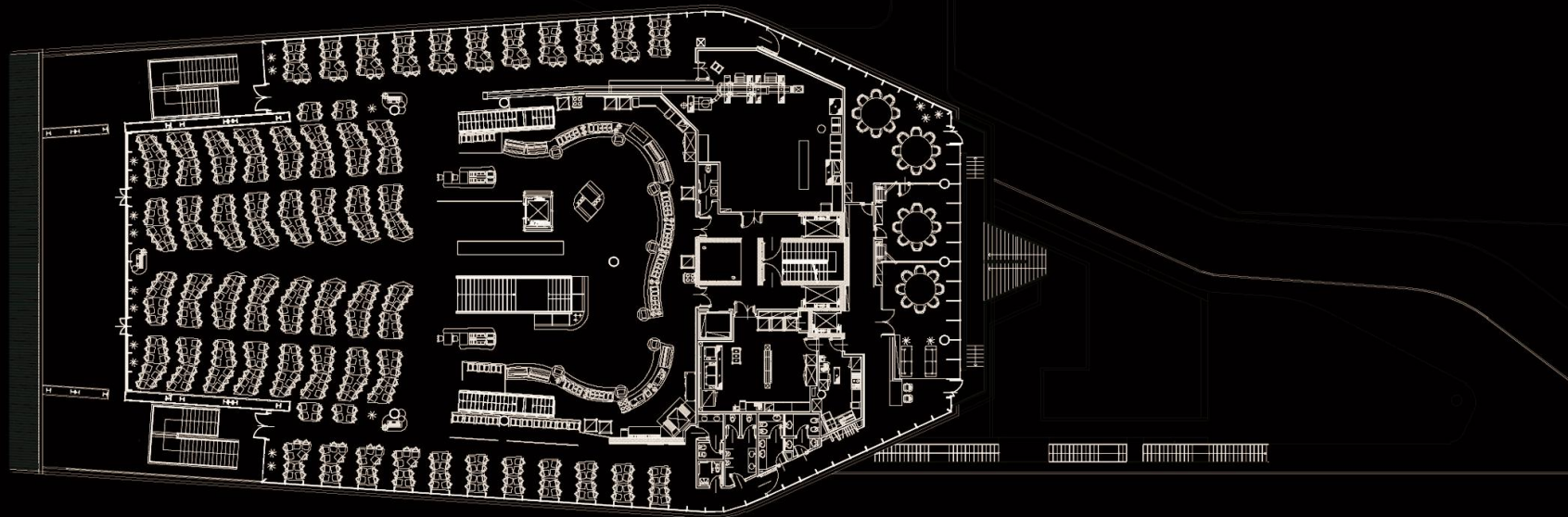




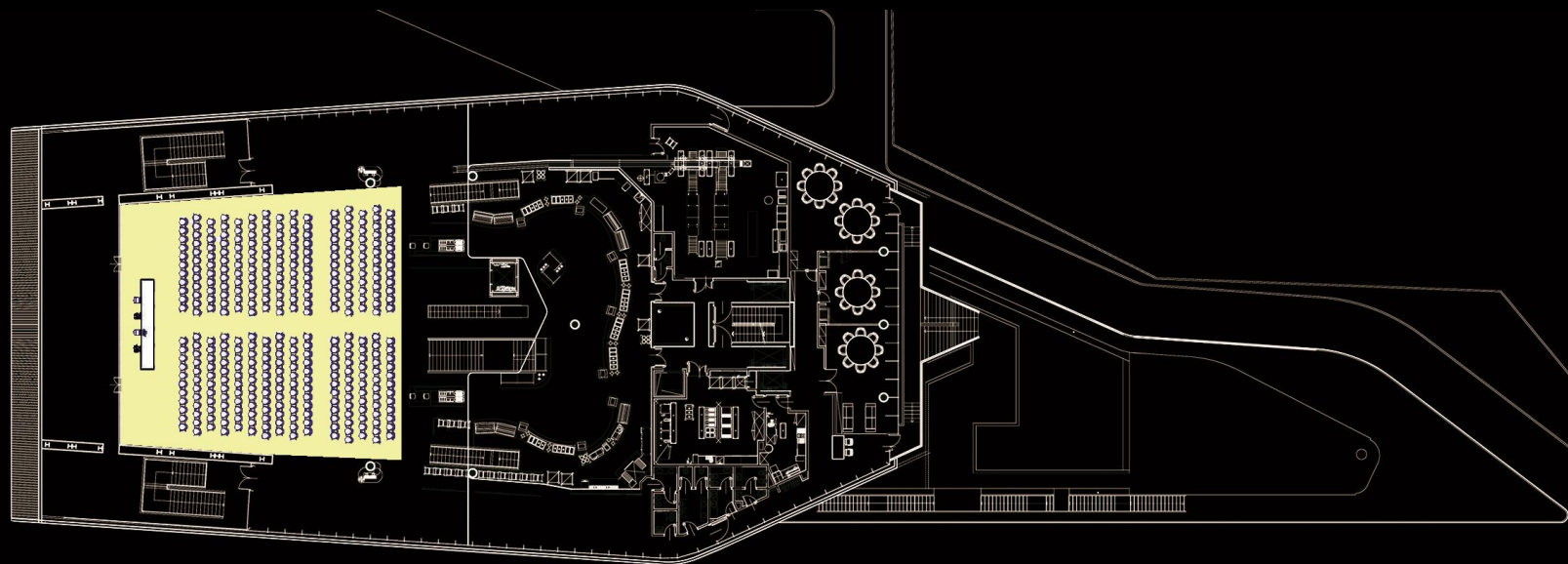








**PROGETTO BASE - ristorante**



**PROGETTO MODIFICATO - sala conferenze**







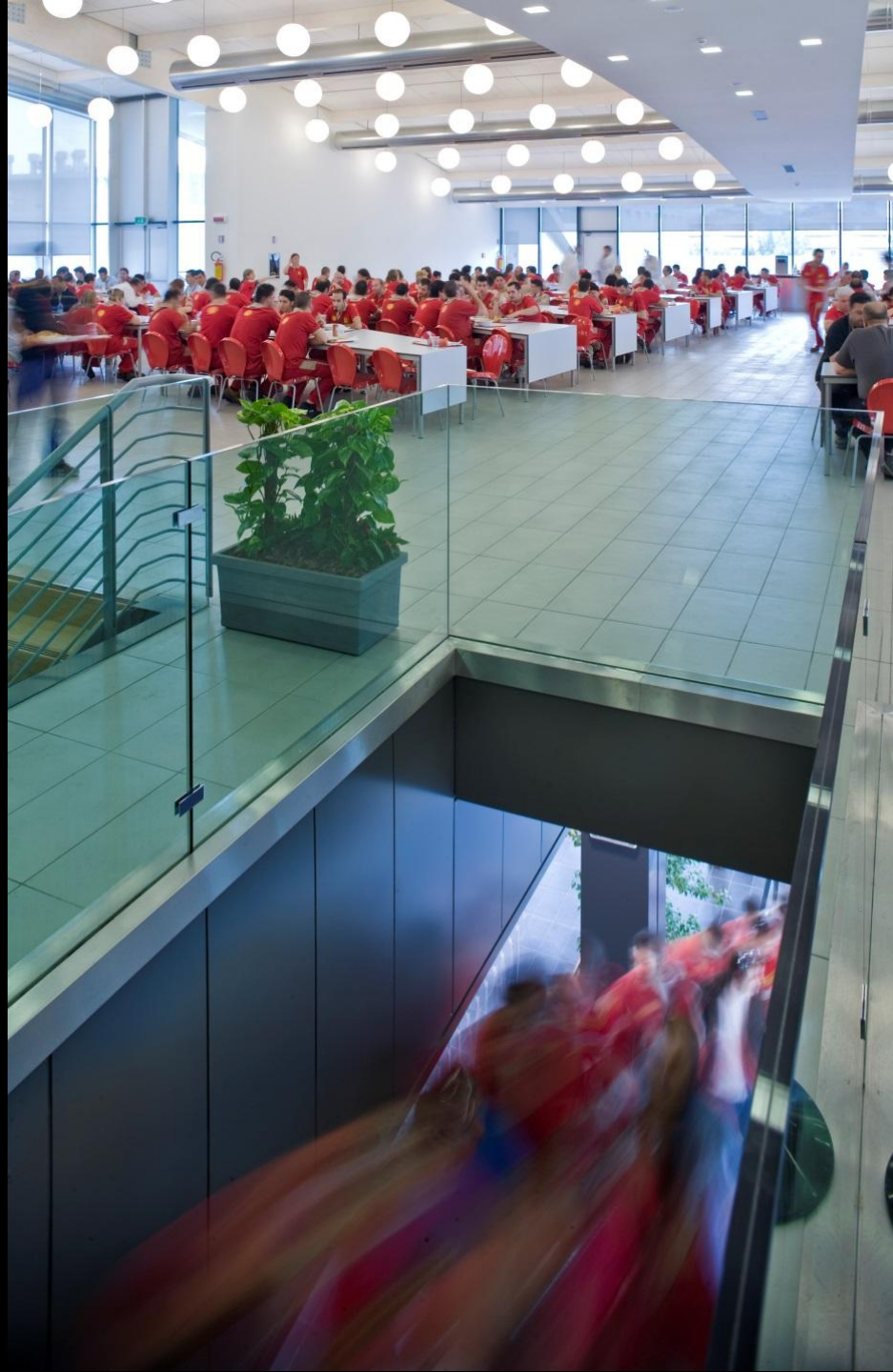


























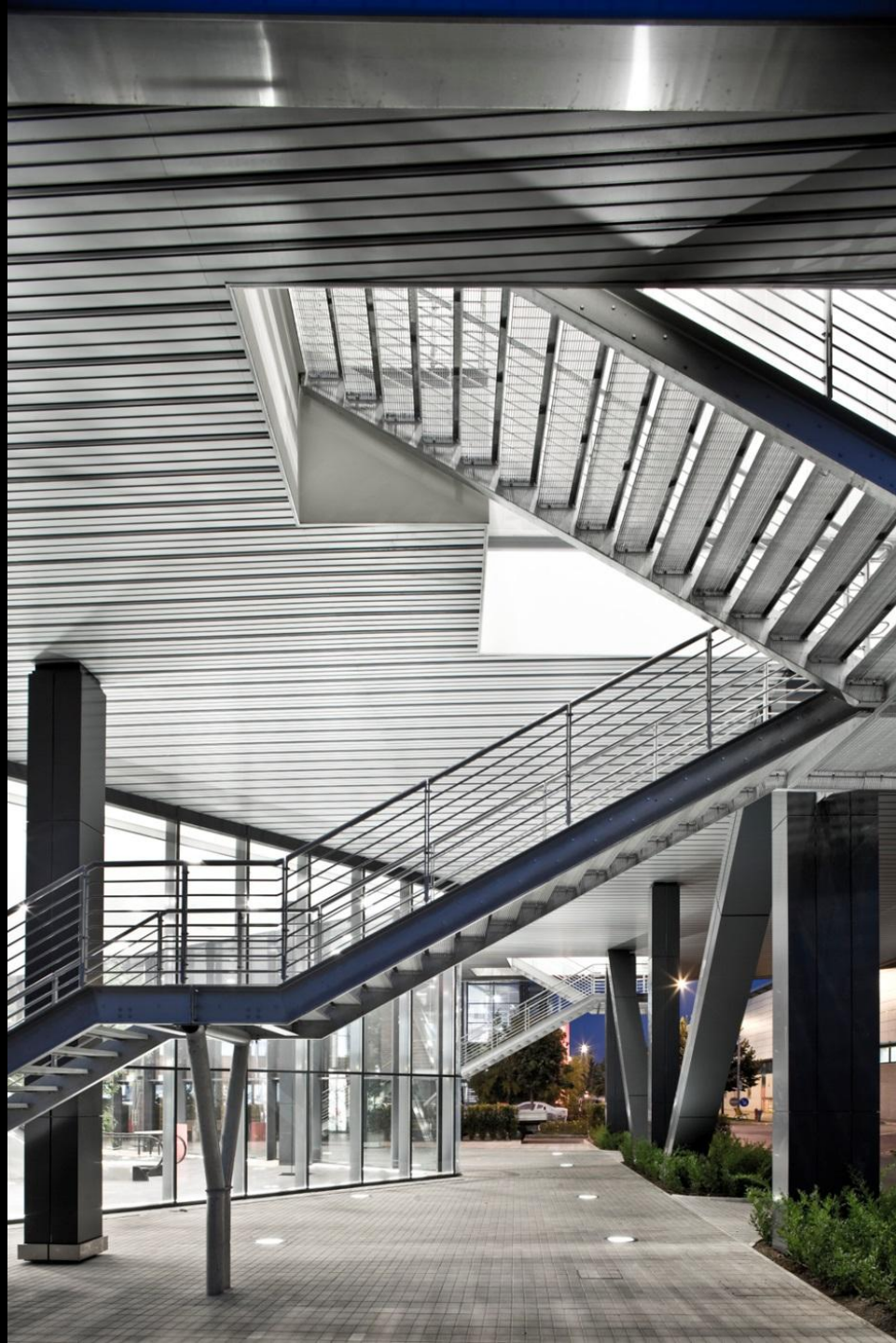
















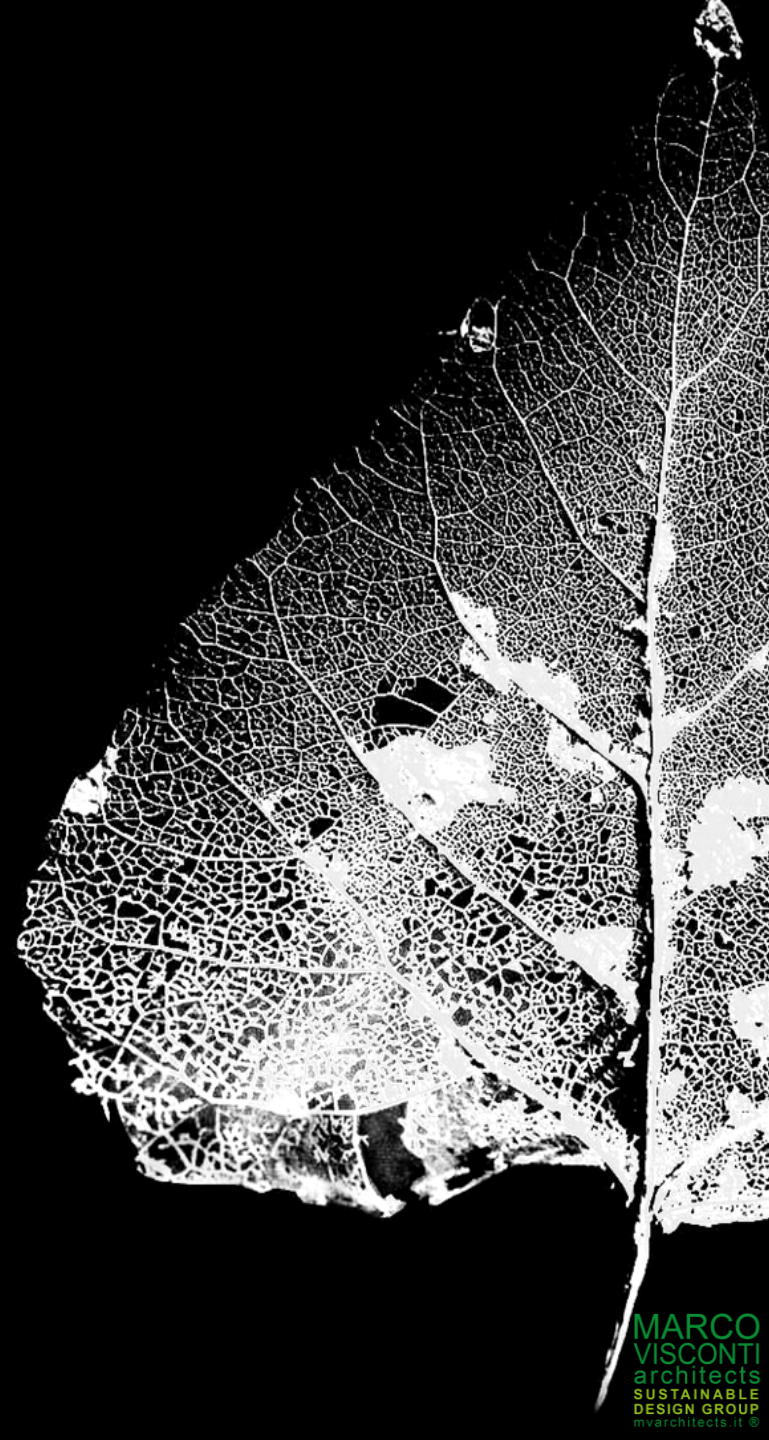
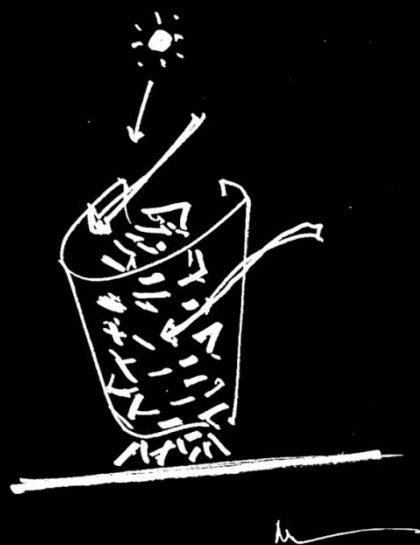






# TORRE ZUCCHETTI

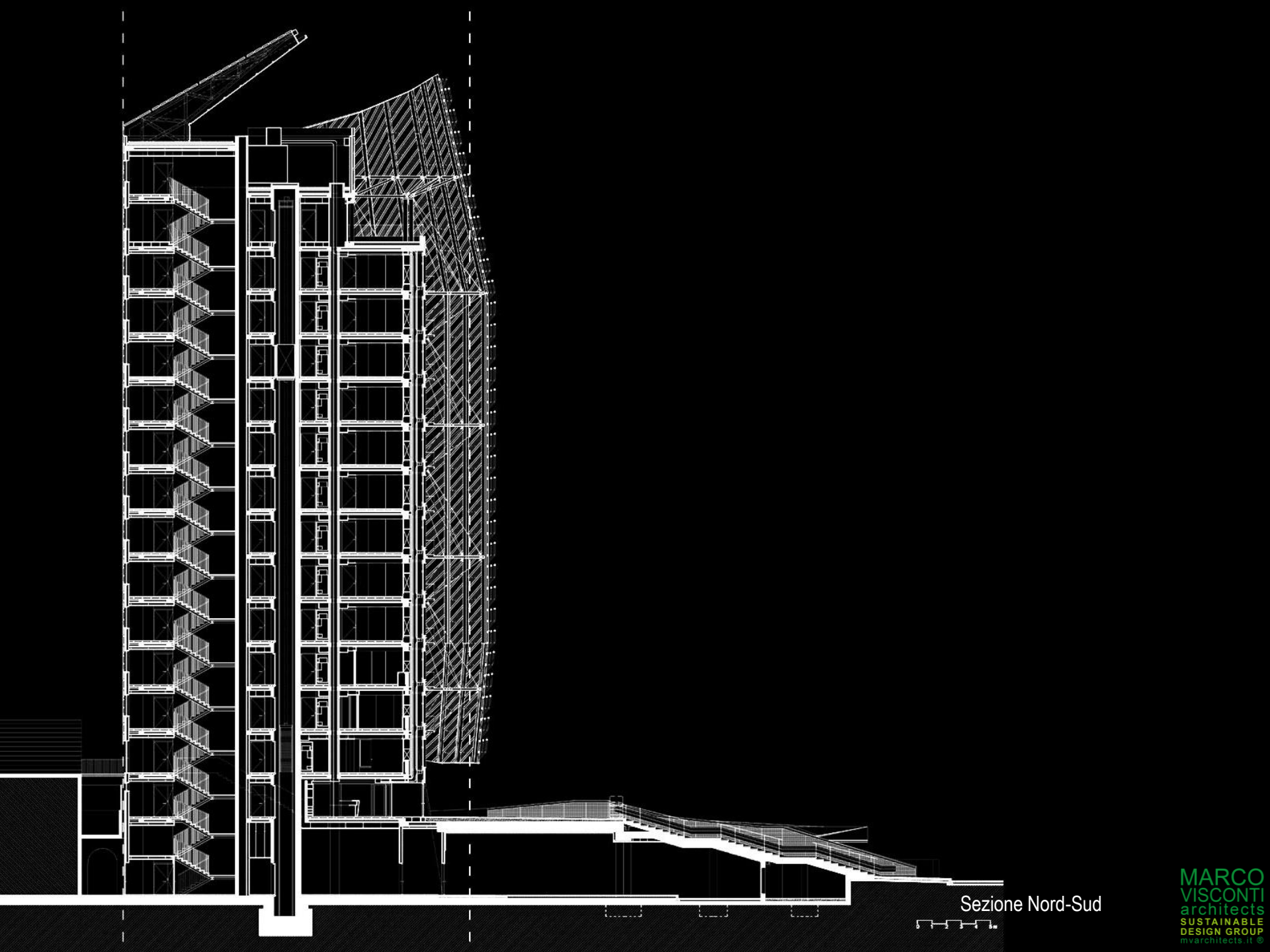
LODI











Sezione Nord-Sud

























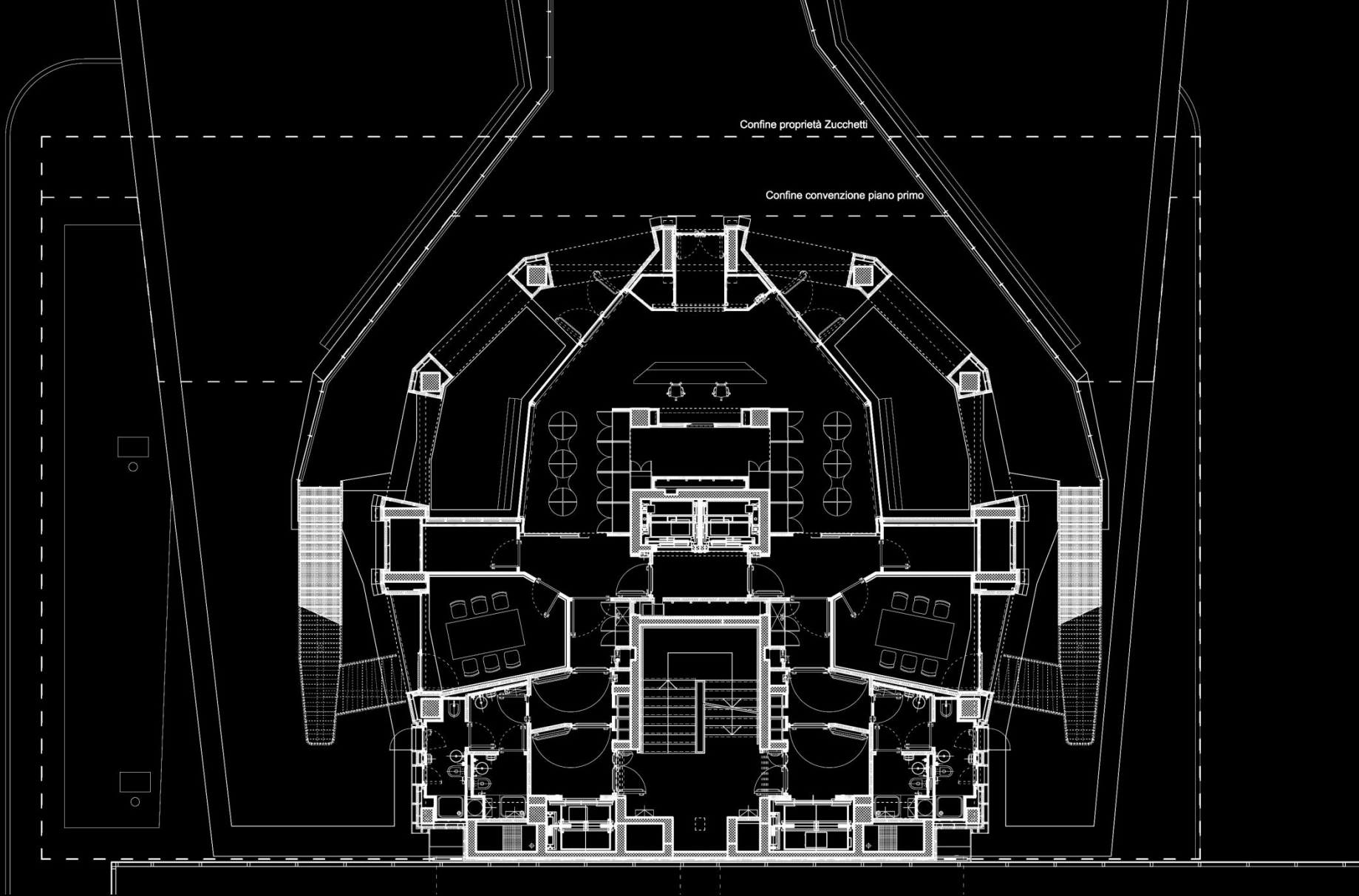










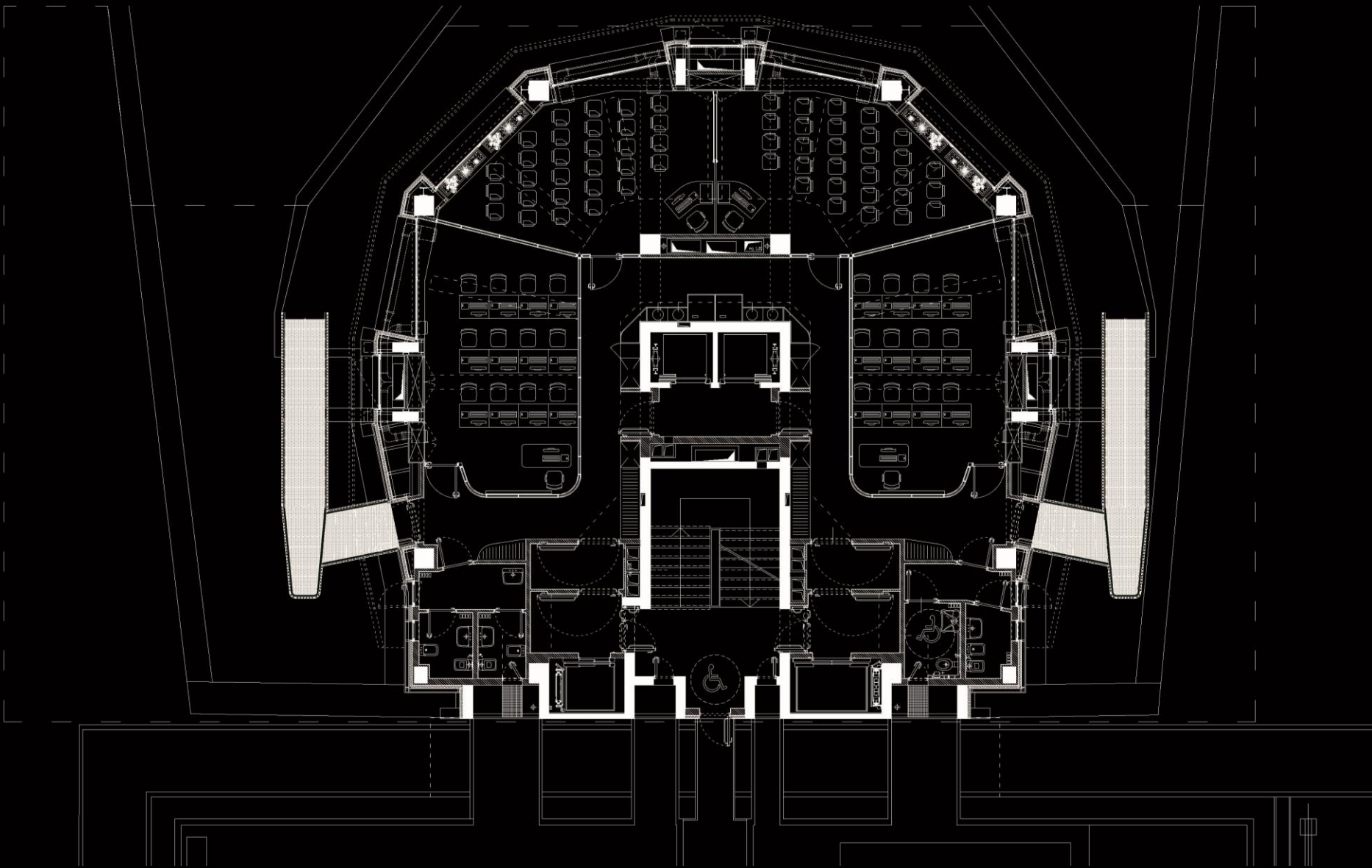


Confine proprietà Zucchetti

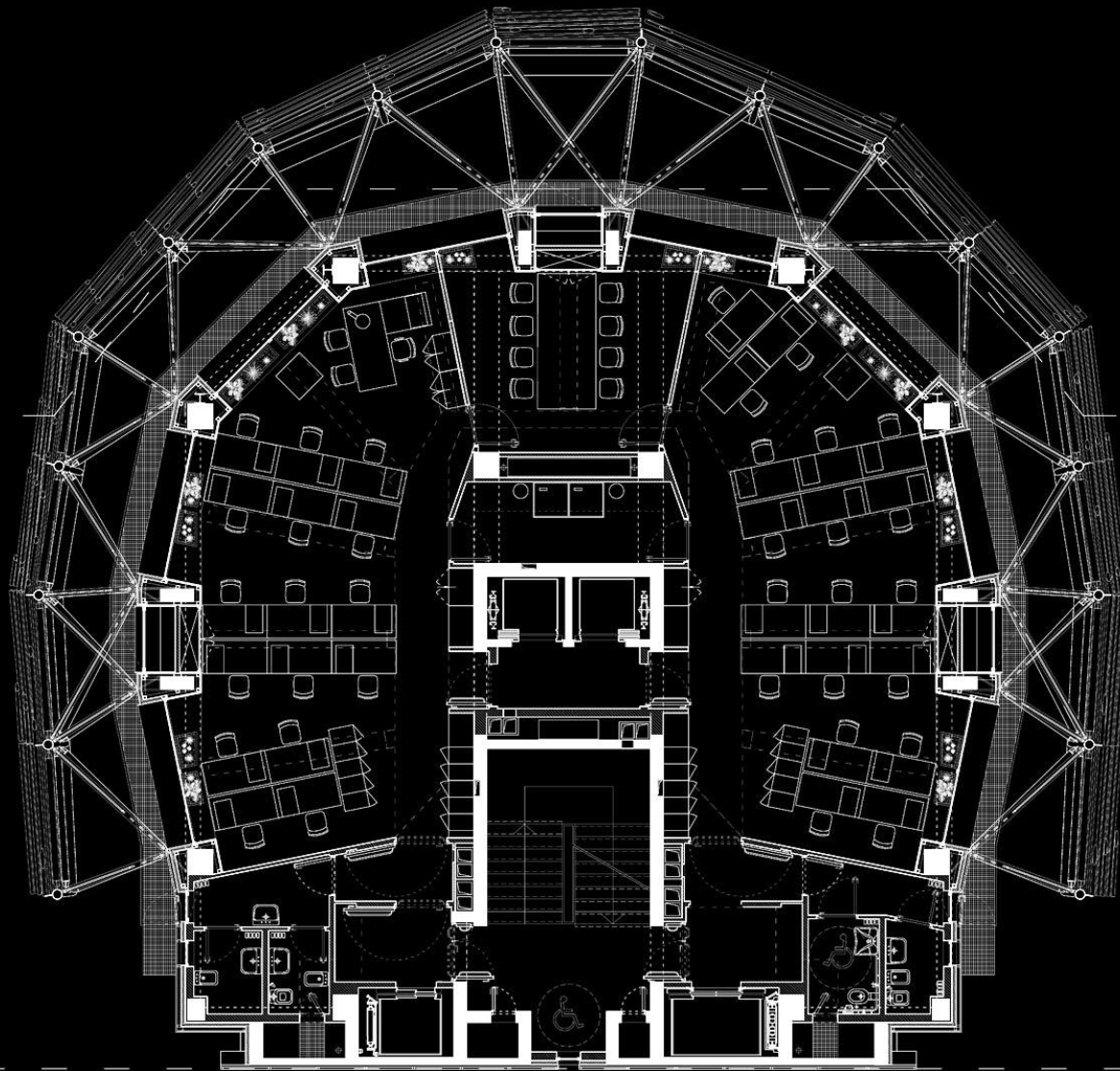
Confine convenzione piano primo

1° floor plan





2° floor plan



5° floor plan



## STRATEGIE PASSIVE



Minimizzazione dell'impatto di cantiere  
Riduzione dell'effetto isola di calore



Riduzione dei consumi idrici  
Riuso di acque piovane



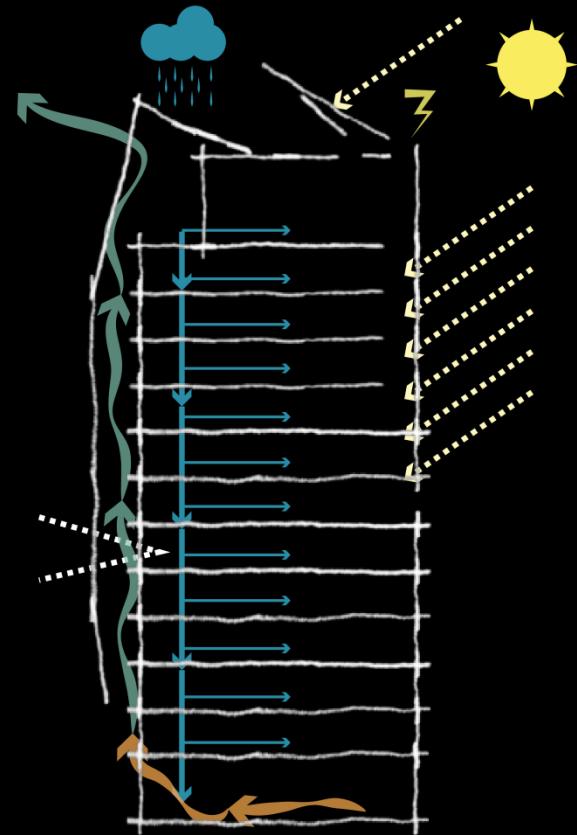
Ottimizzazione della prestazione energetica  
Uso di energie rinnovabili



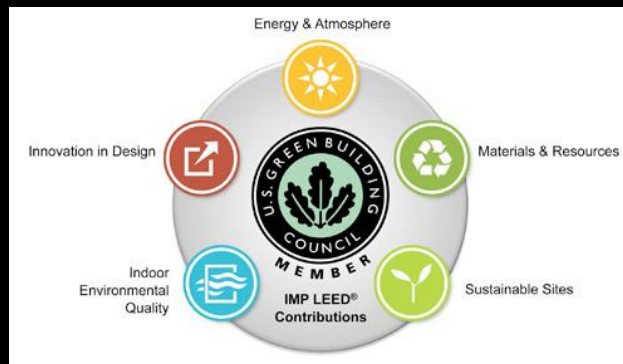
Uso di materiale riciclato  
Riduzione dei rifiuti



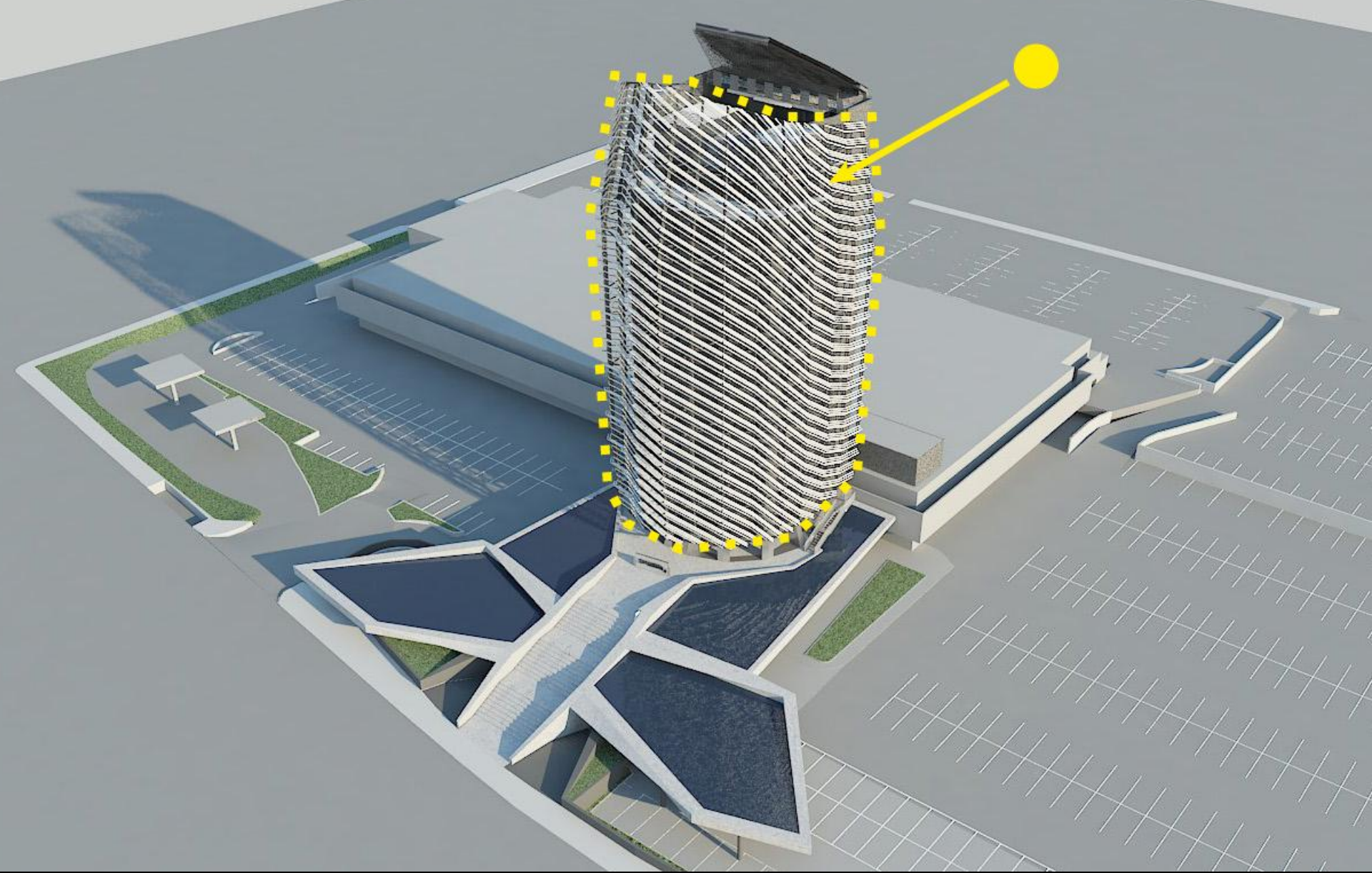
Comfort termico e luminoso  
per gli spazi interni



# I PROTOCOLLI GOVERNANO IL PROGETTO E LA REALIZZAZIONE IN MODO MULTIDISCIPLINARE

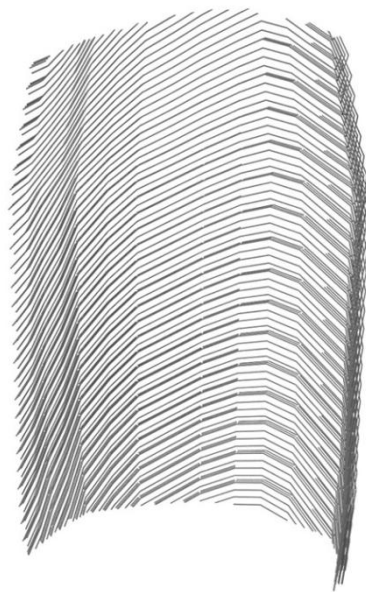
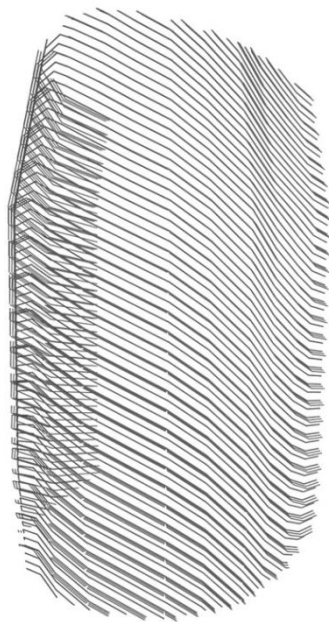
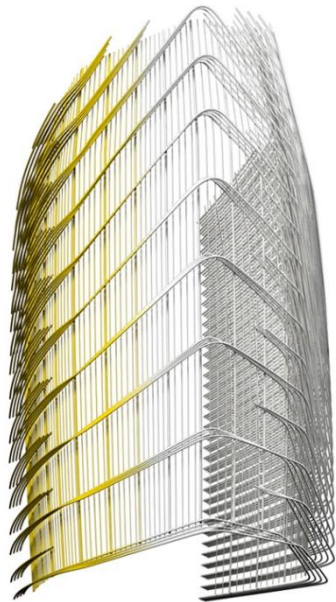
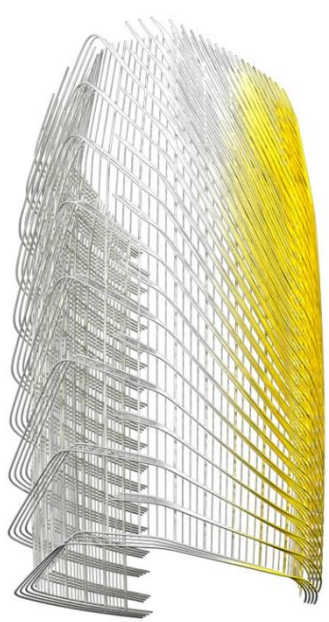




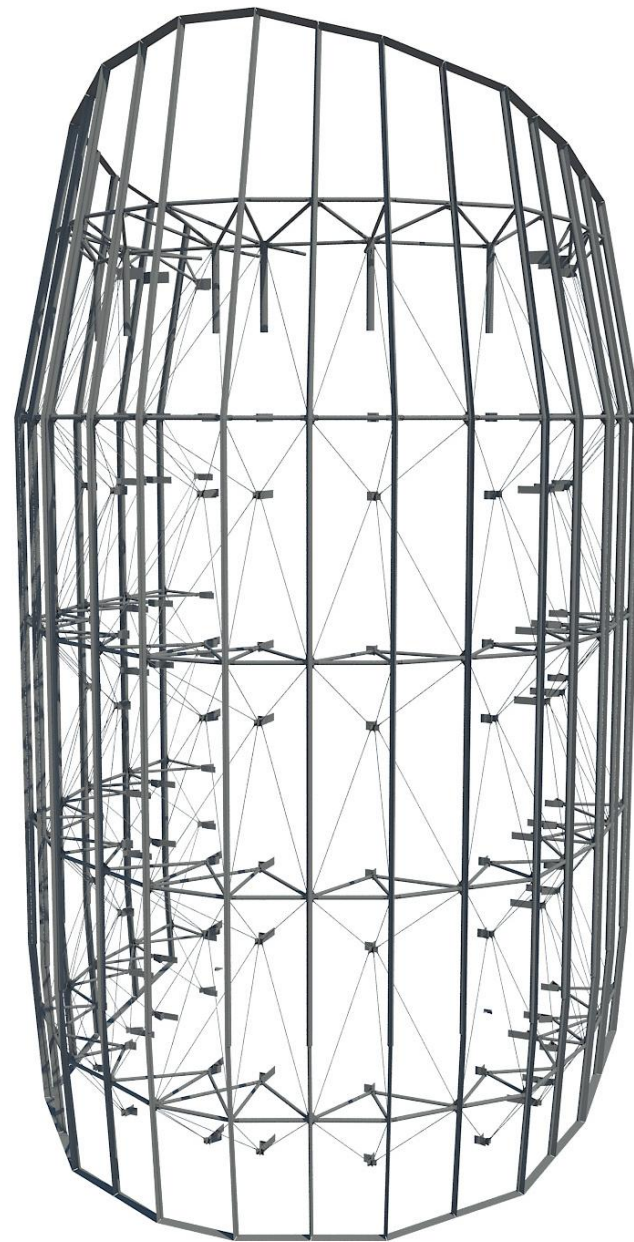


# PROTEZIONE SOLARE



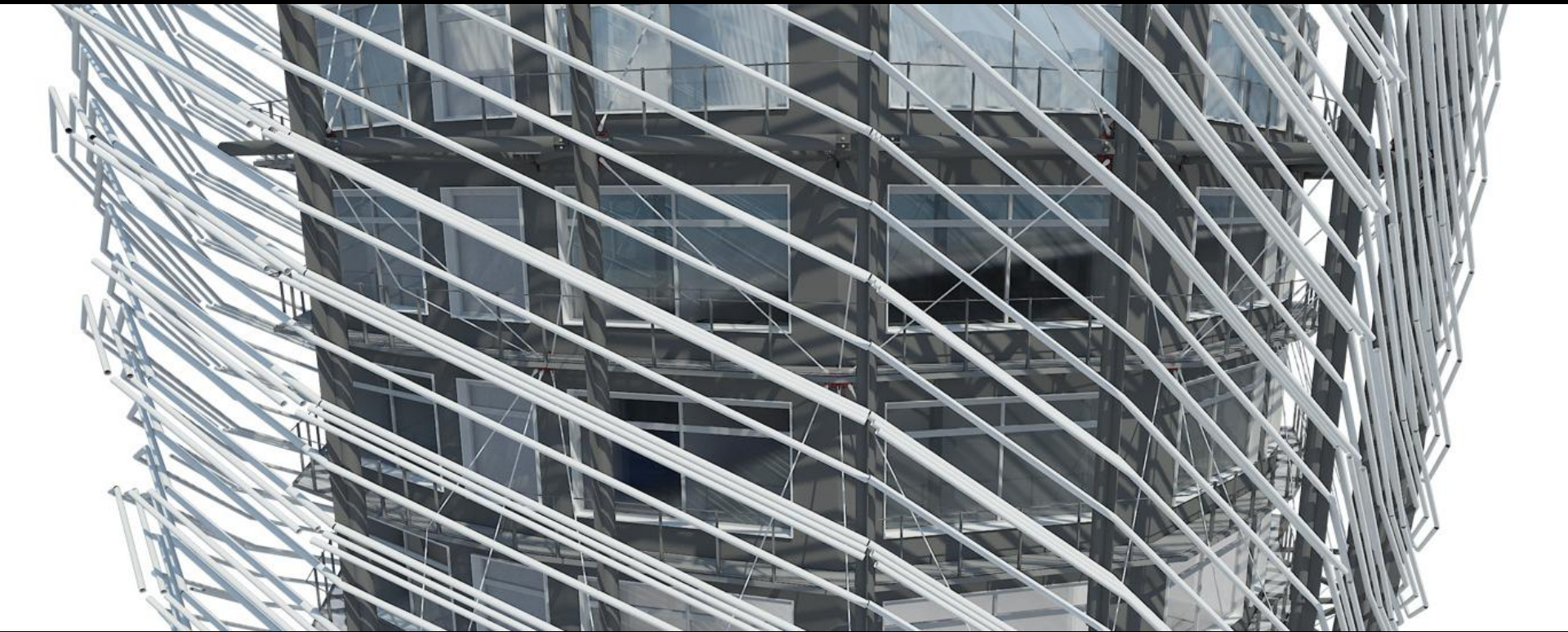


FRANGISOLE



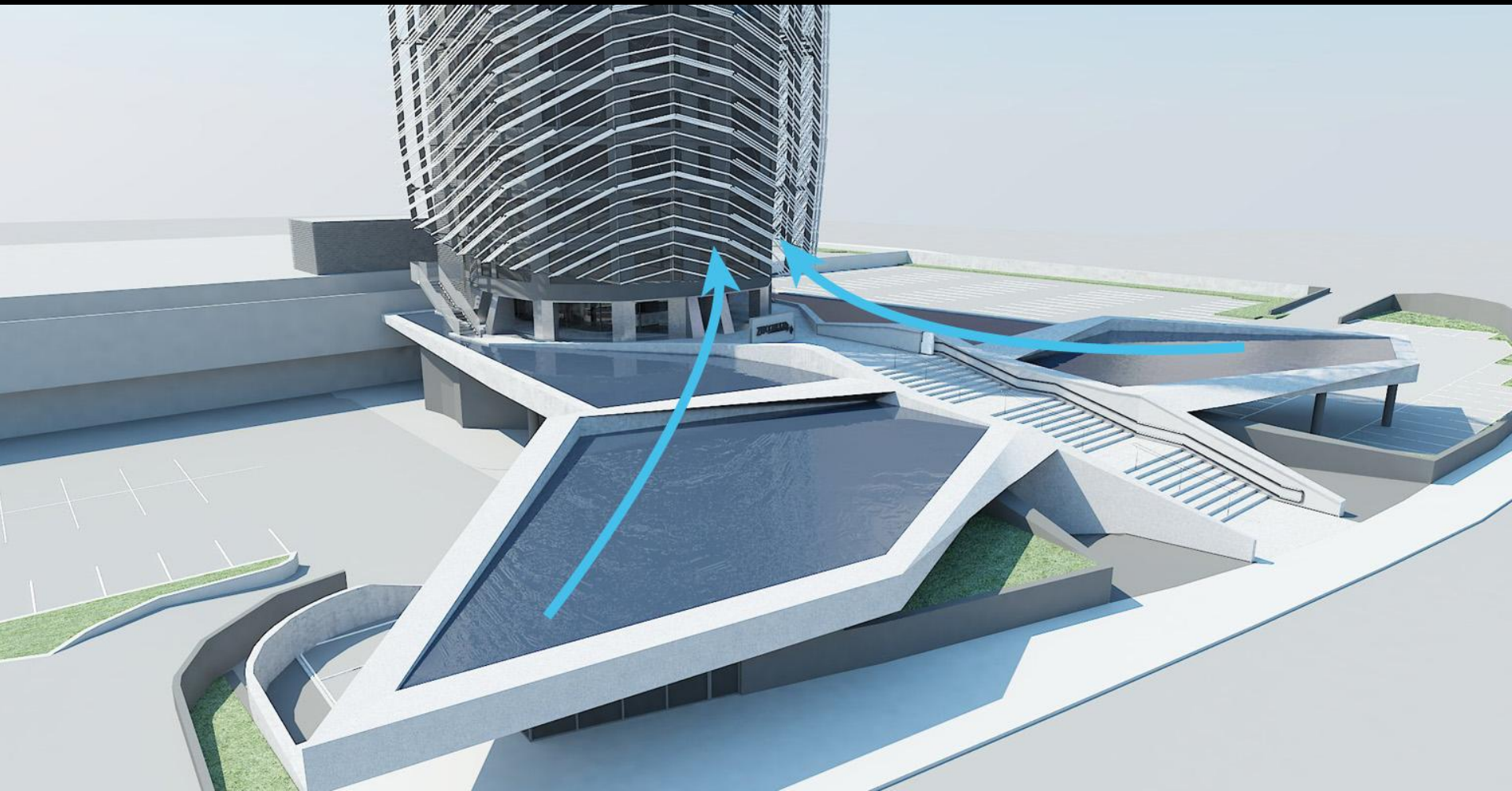
STRUTTURA PORTANTE FRANGISOLE





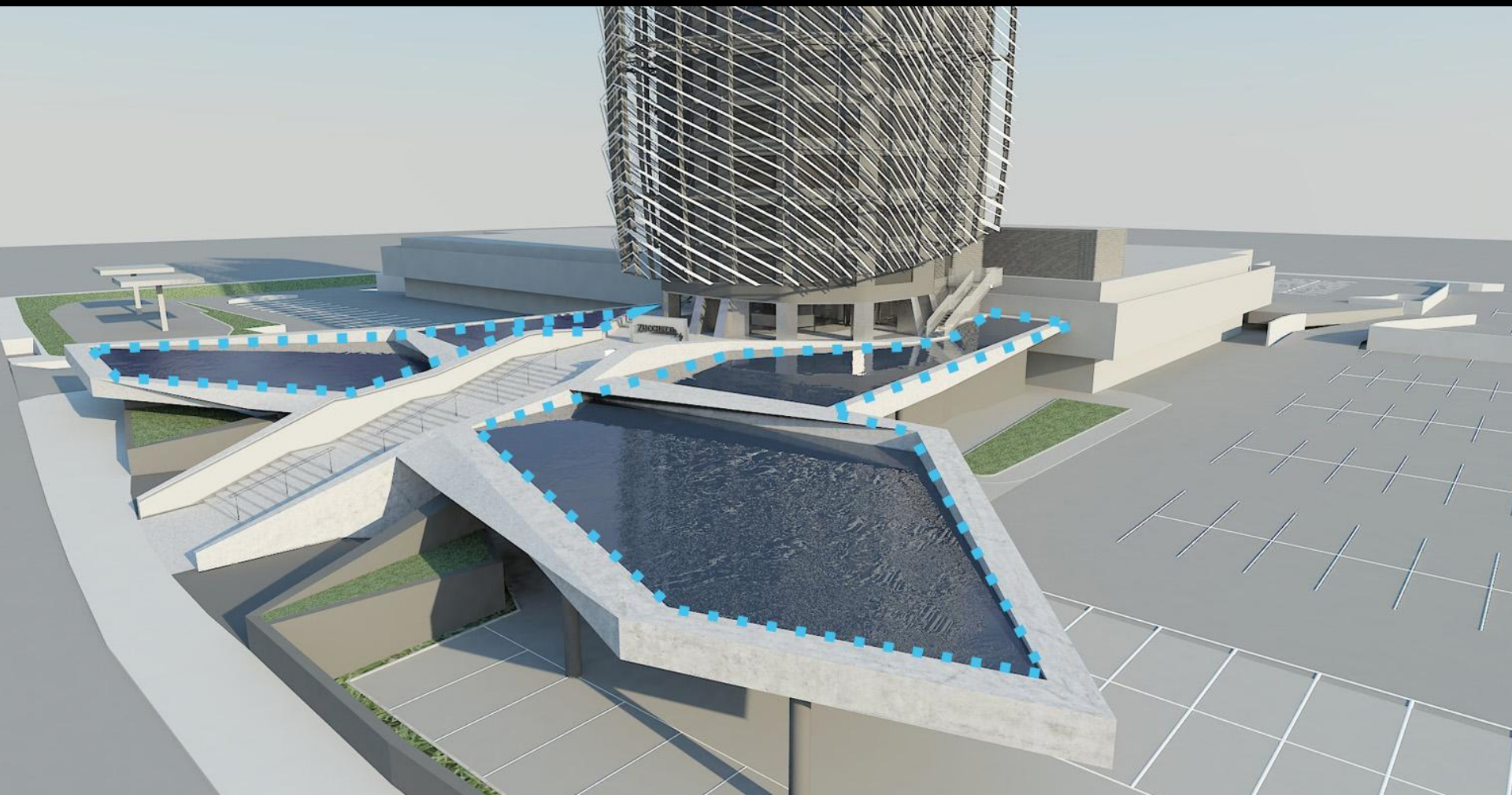
DETTAGLI FRANGISOLE





RAFFRESCAMENTO NATURALE





## ACQUA e C.A.: MASSA TERMICA



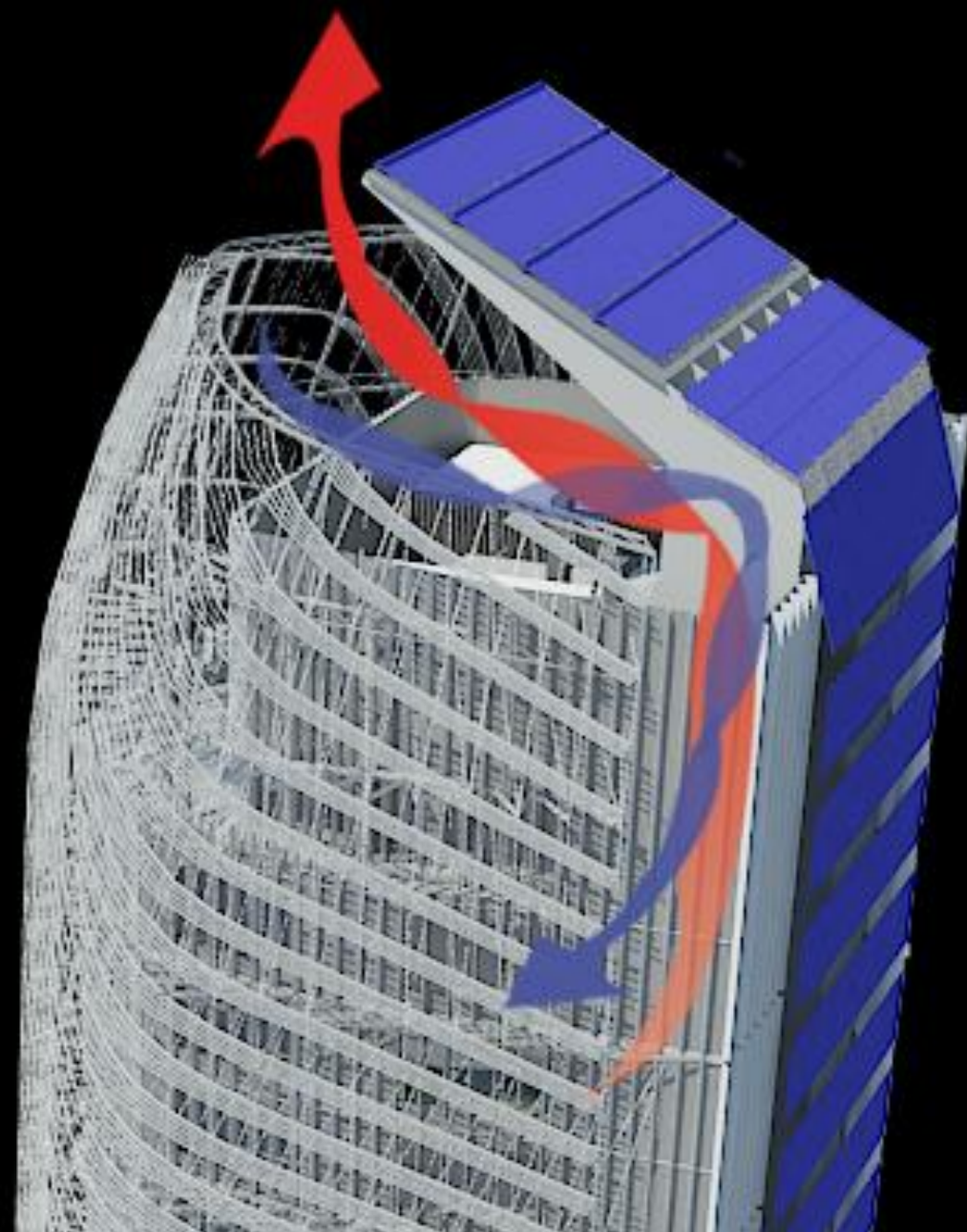
POZZI GEOTERMICI



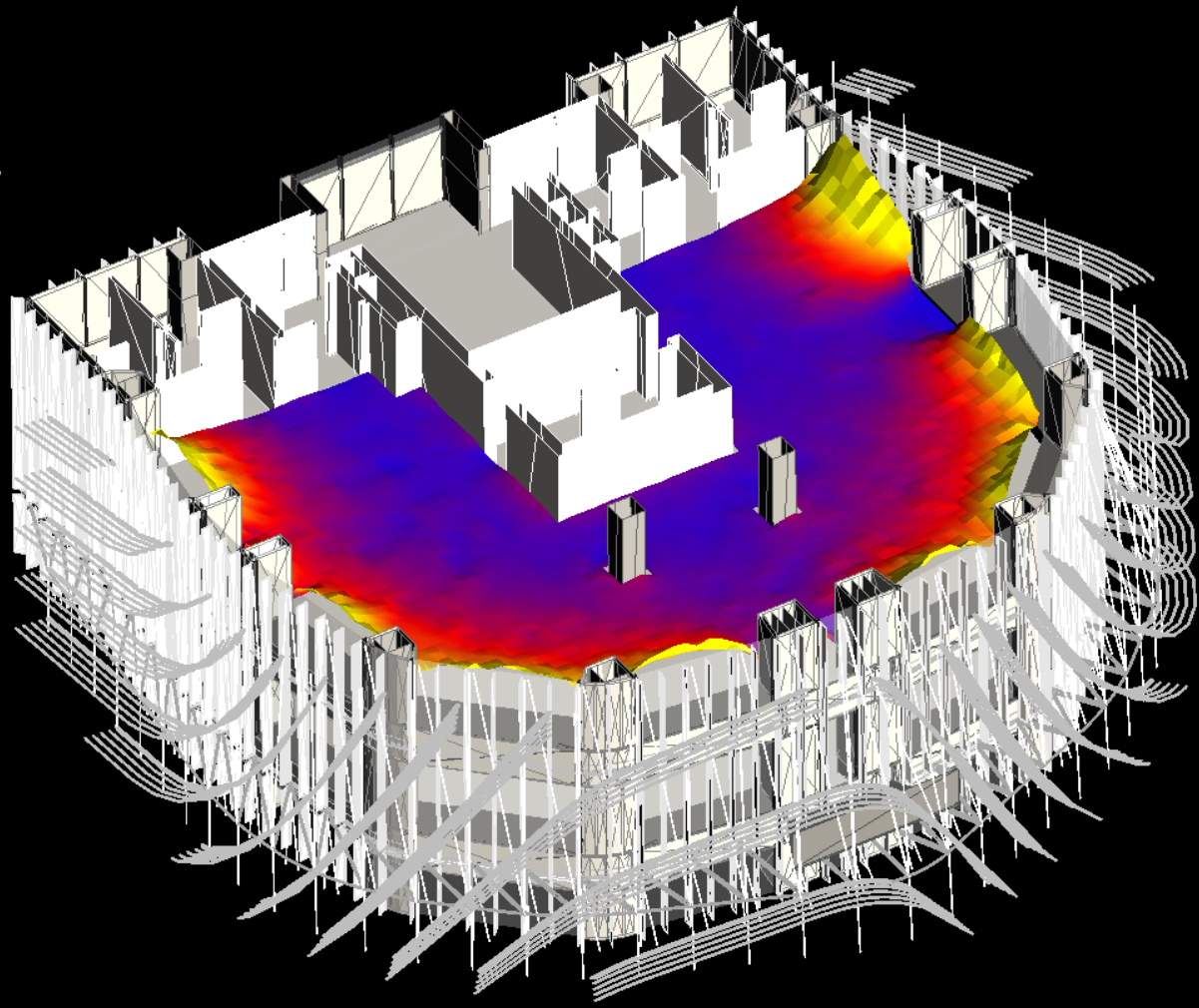
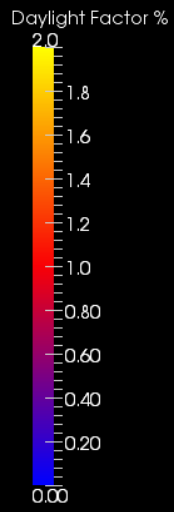


**PANNELLI FOTOVOLTAICI**

VENTILAZIONE NATURALE







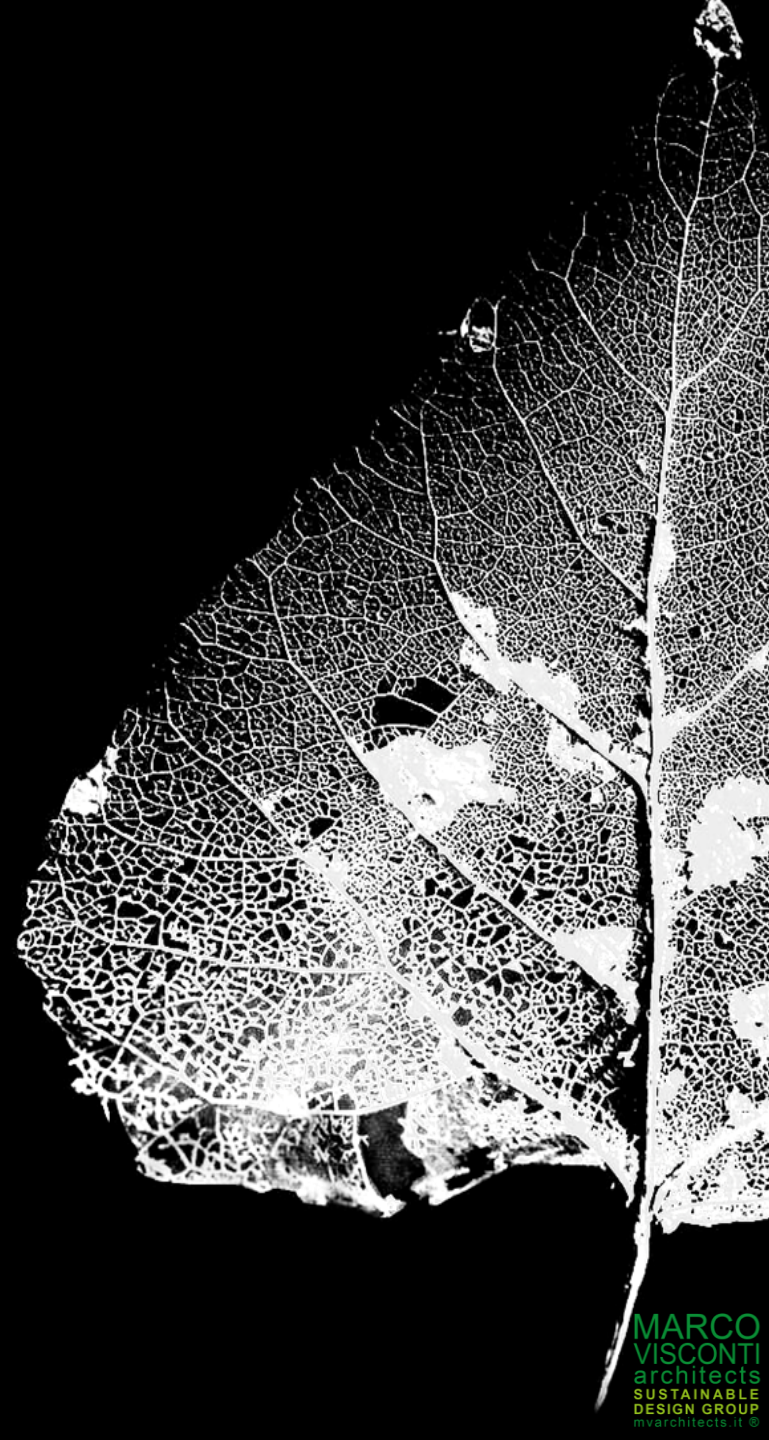
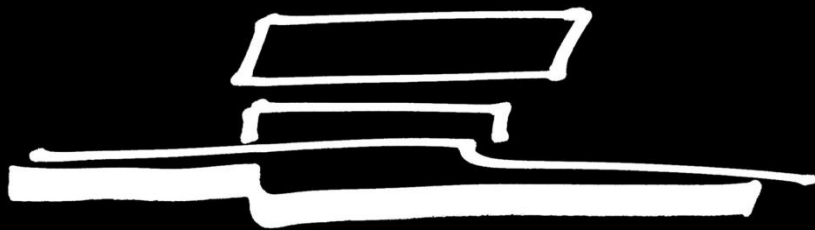
# COMFORT INTERNO

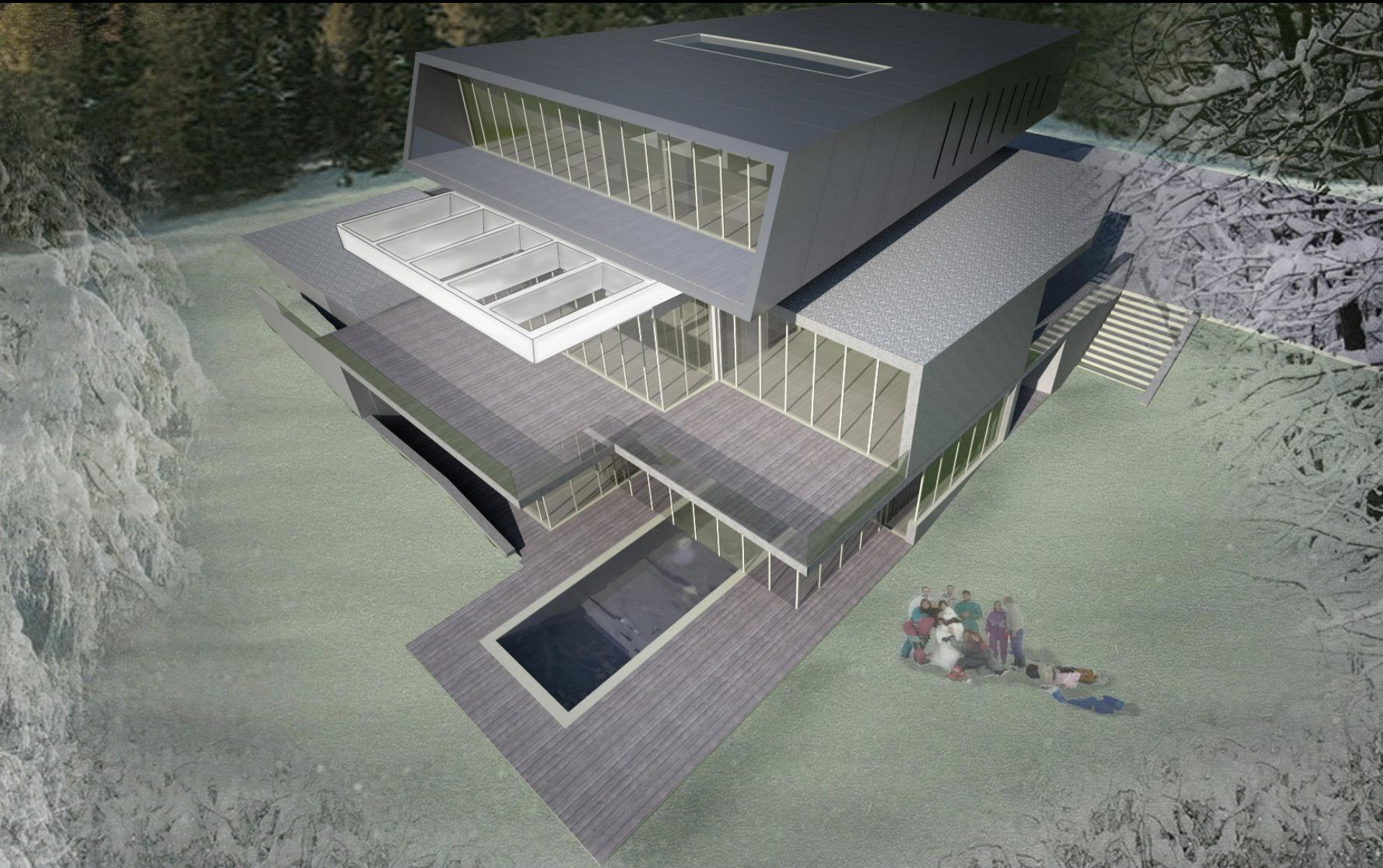




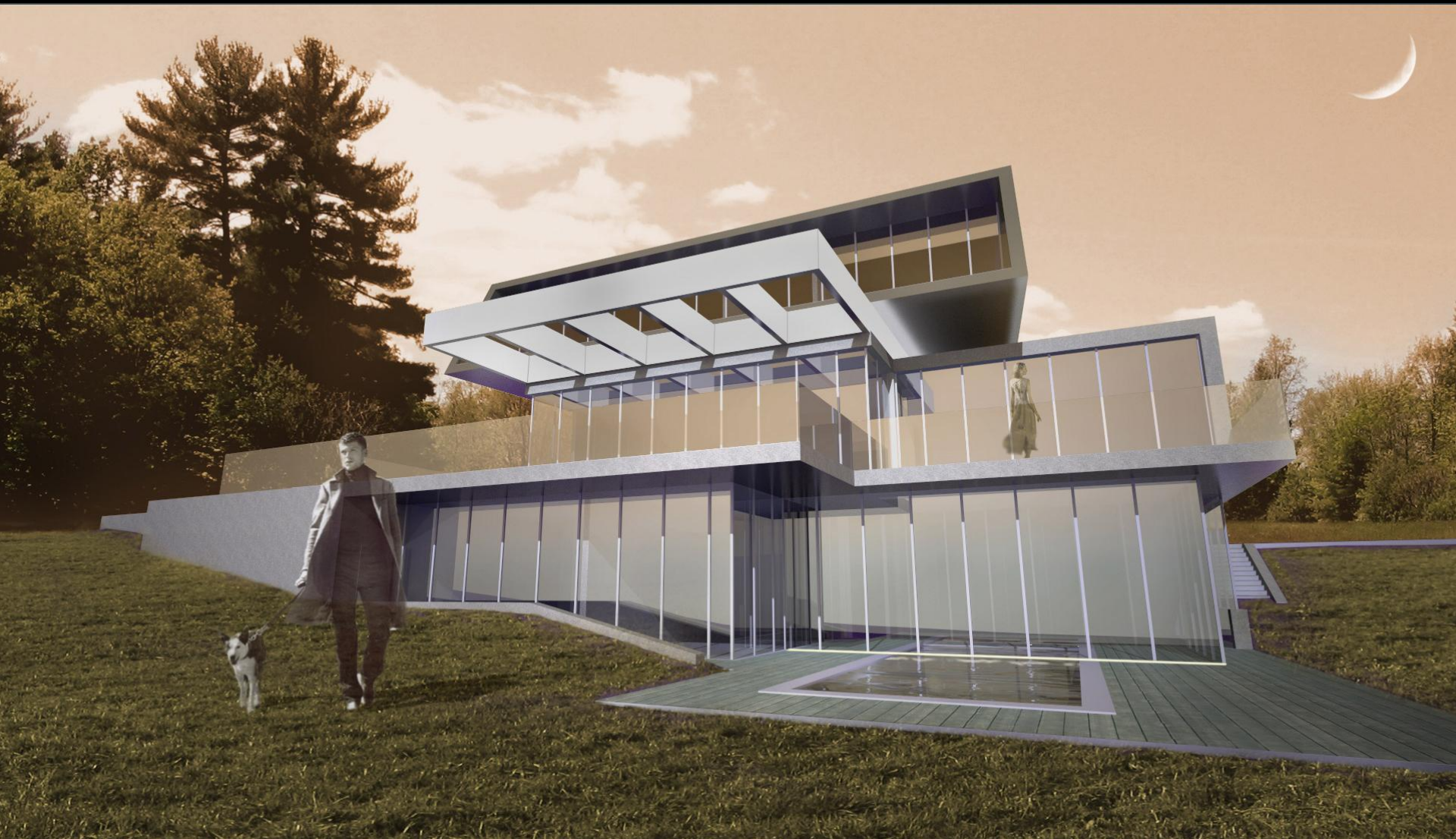
# RESIDENZA YE

KARKOV, UCRAINA





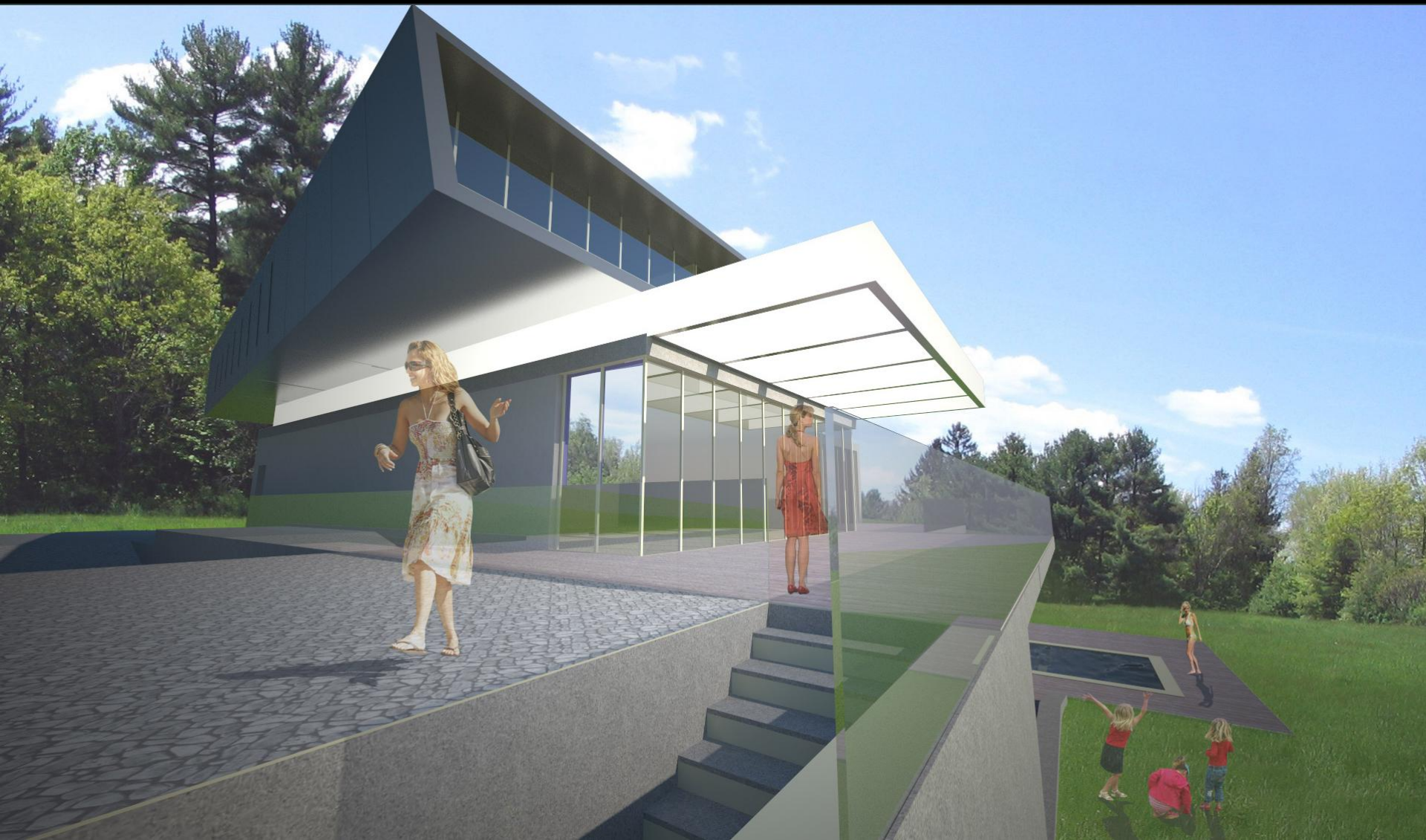






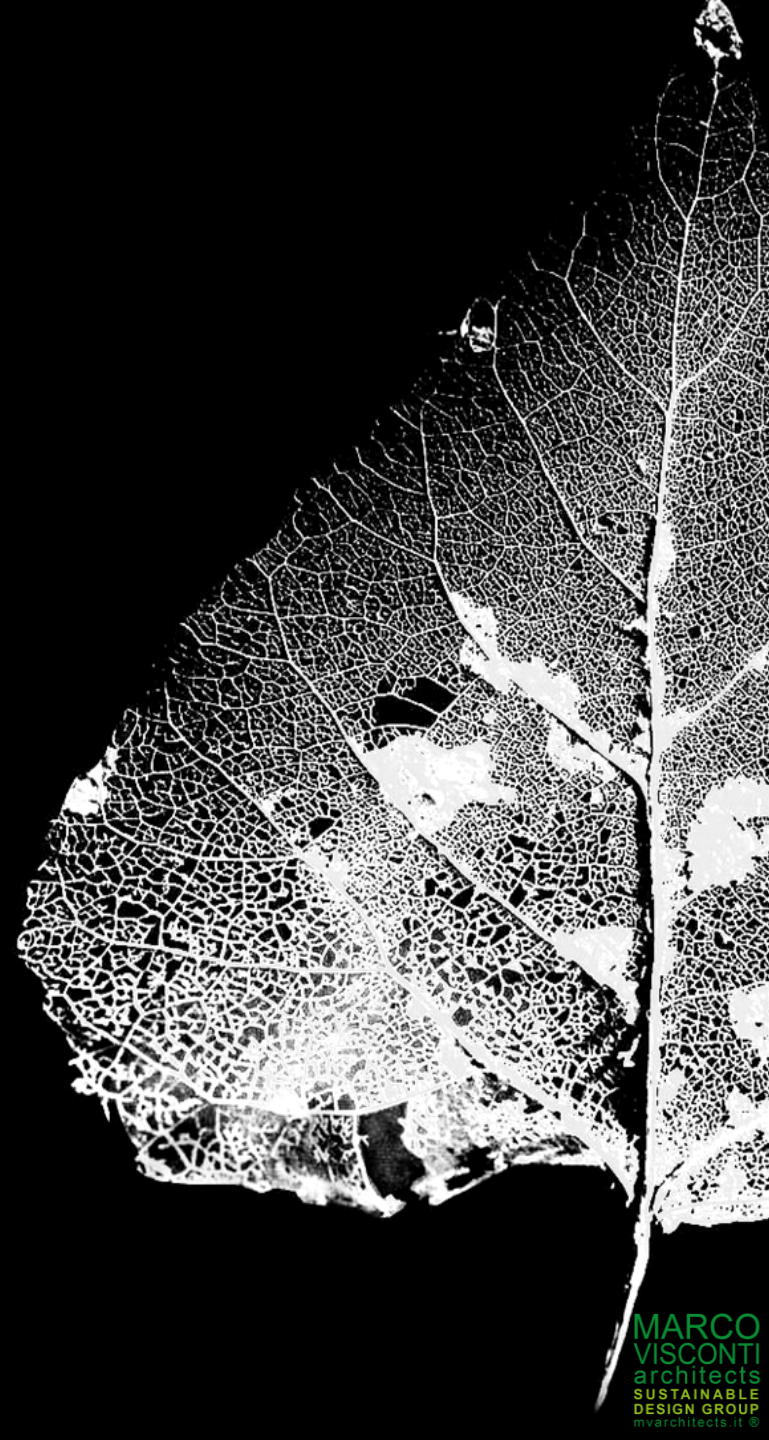
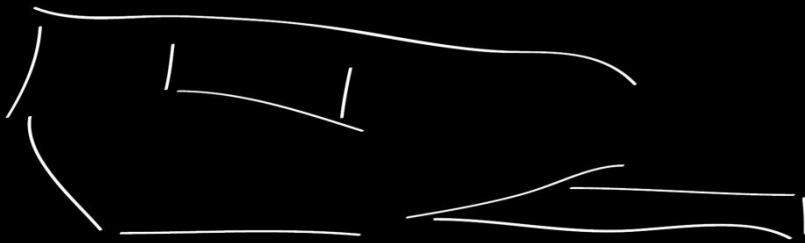






# RESIDENZA

GOLFO ARANCI















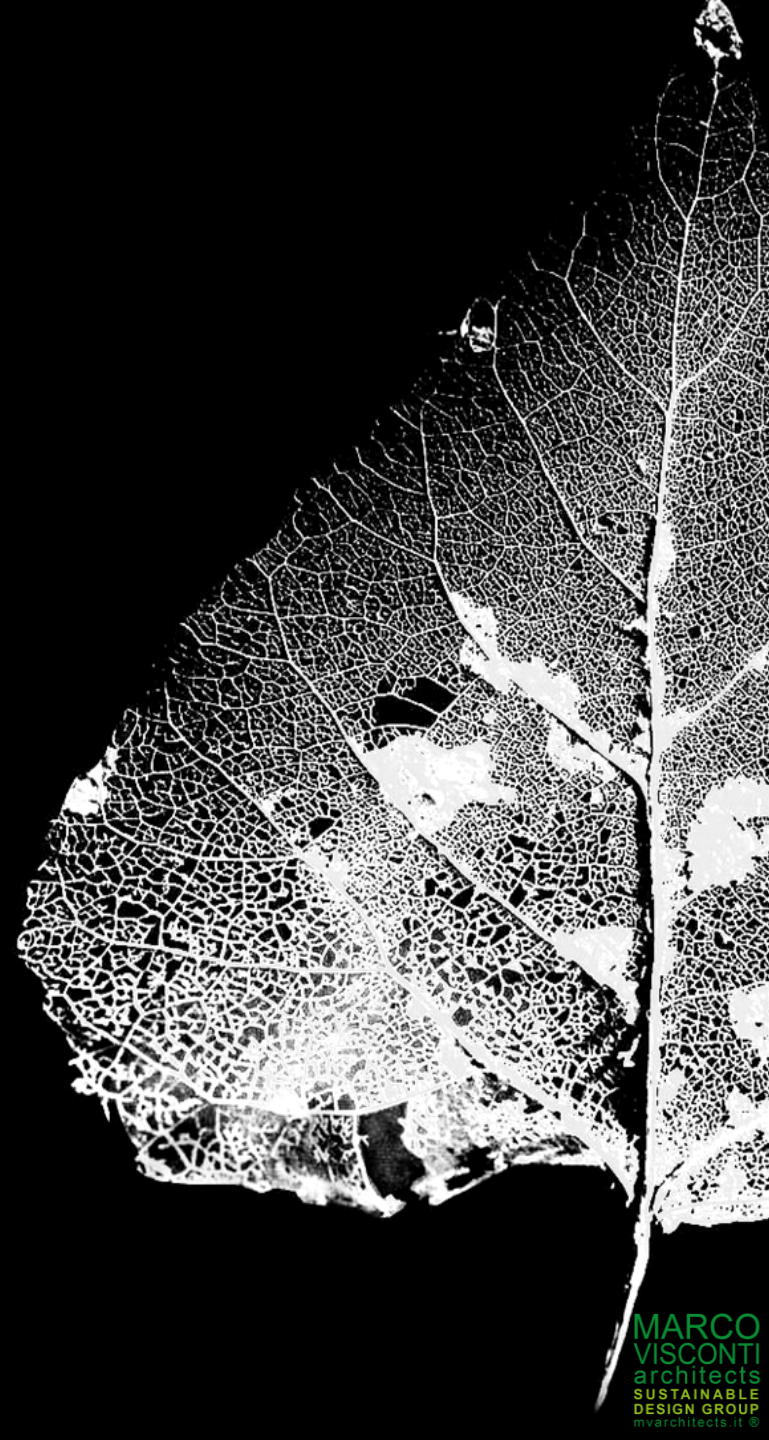
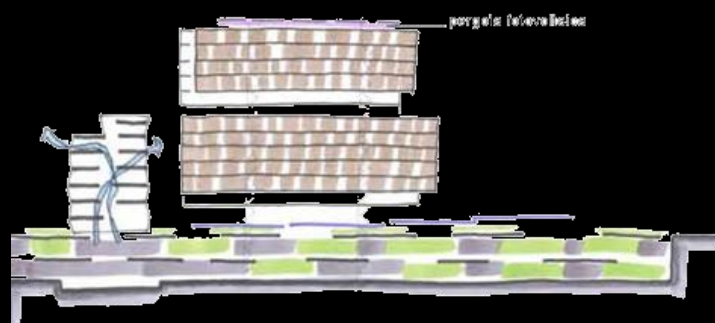






# CITY LIFE BLOCCHI RESIDENZIALI

MILANO











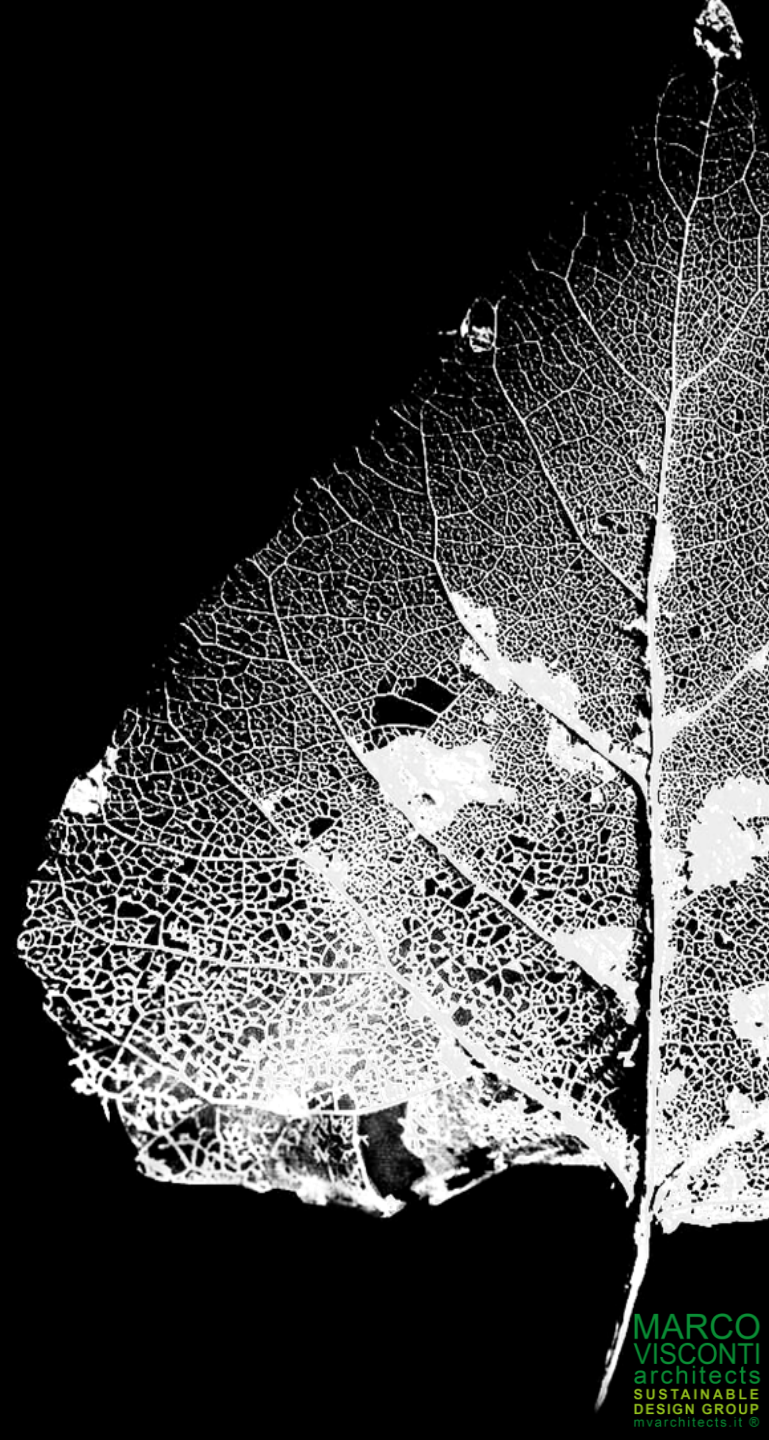
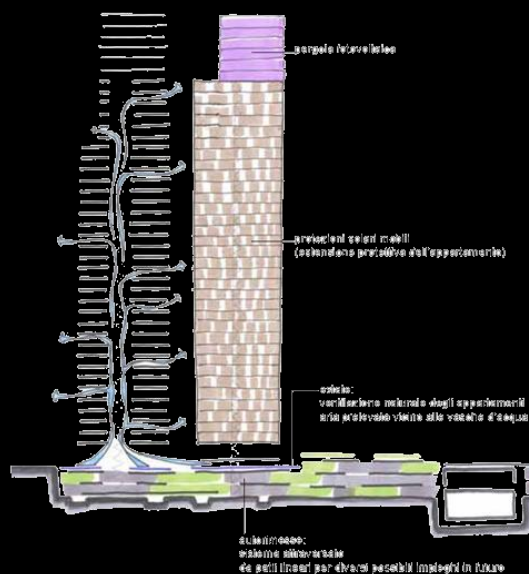




# CITY LIFE

# TORRI RESIDENZIALI

## MILANO









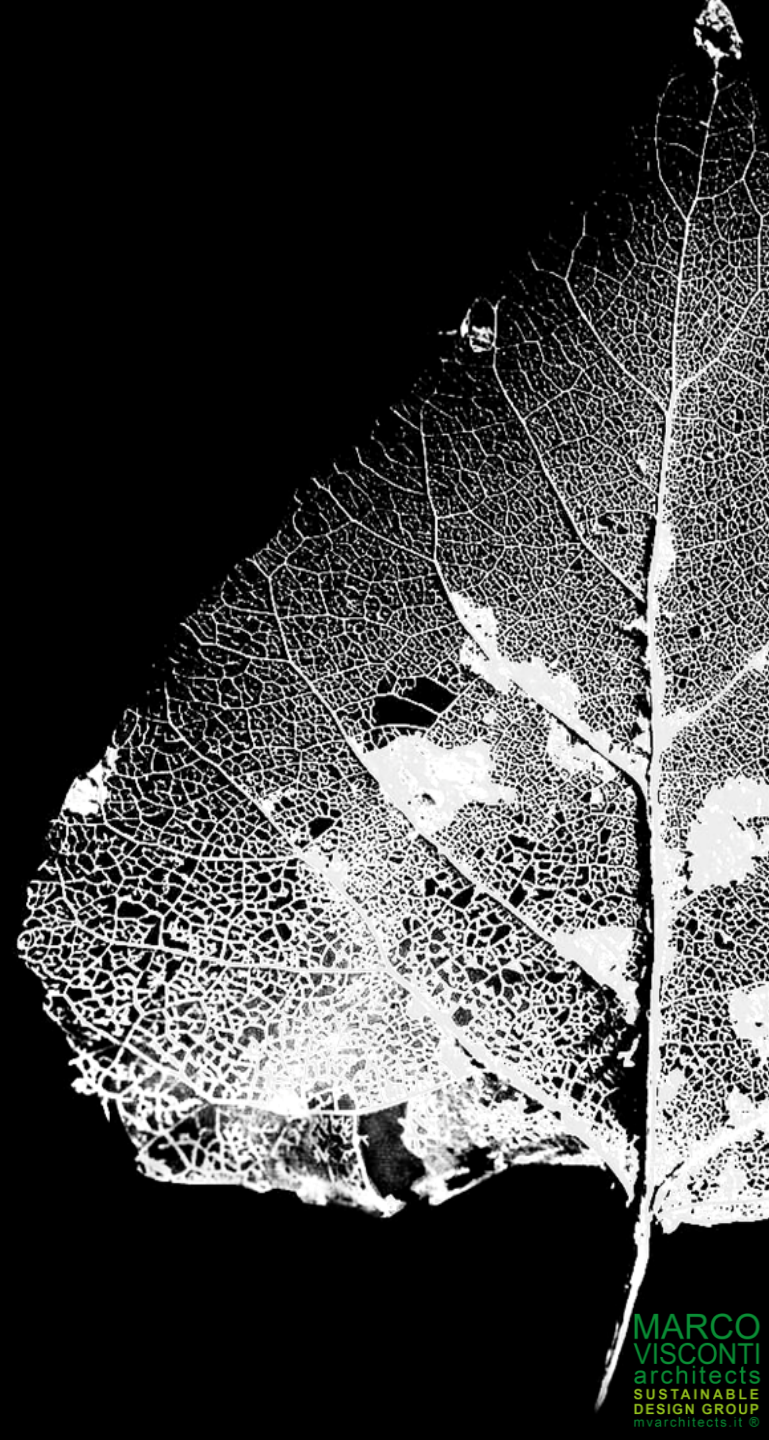




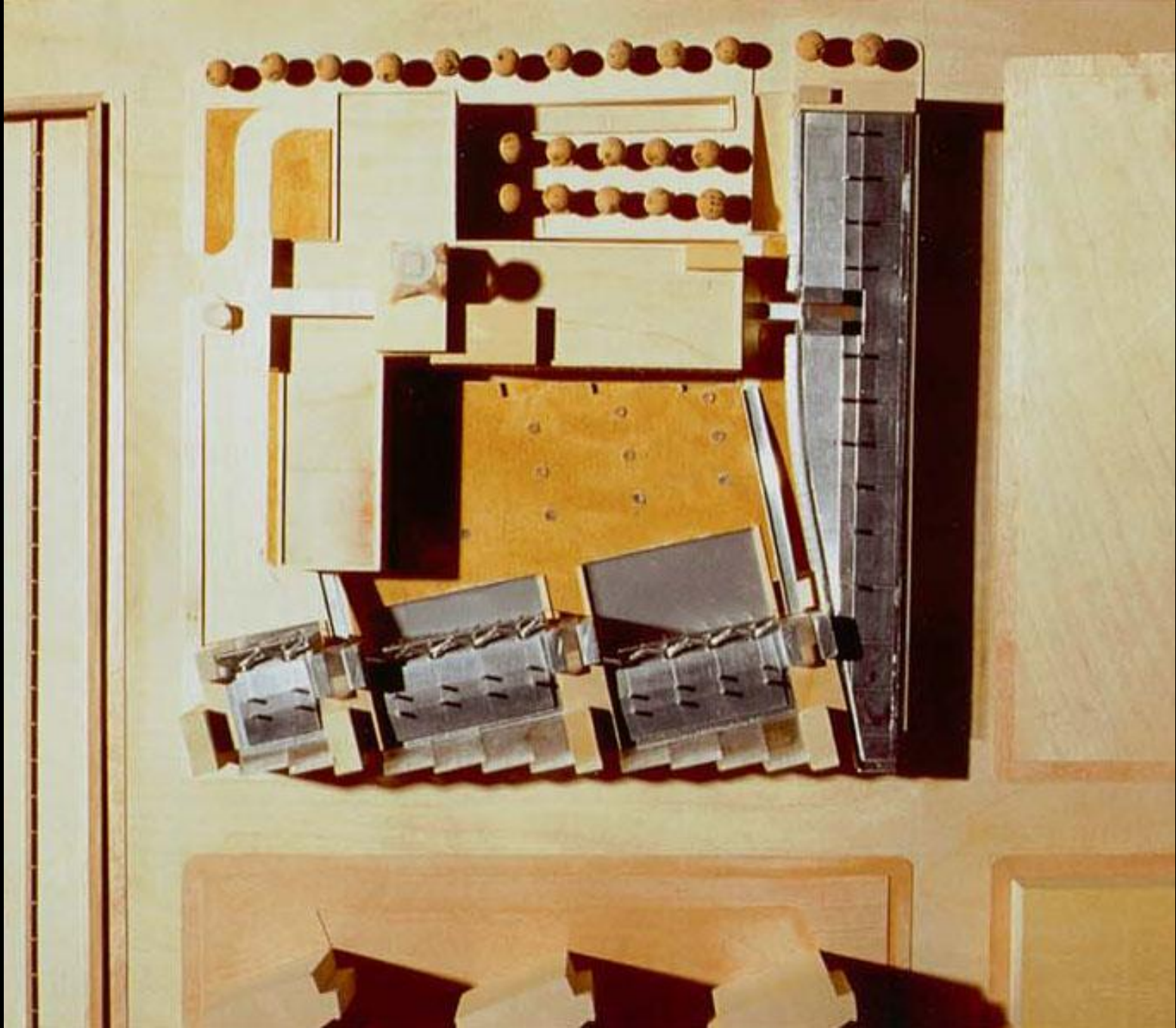


# UFFICI RAI

TORINO



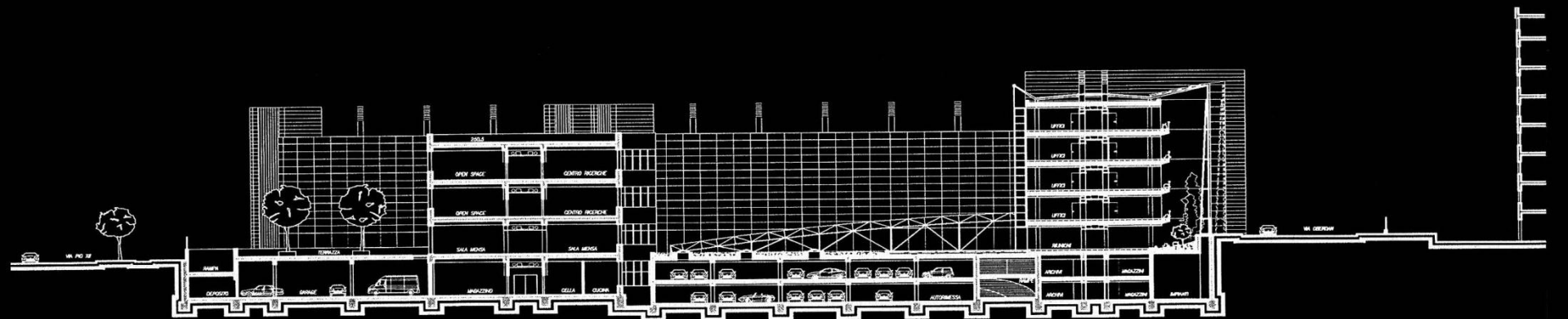
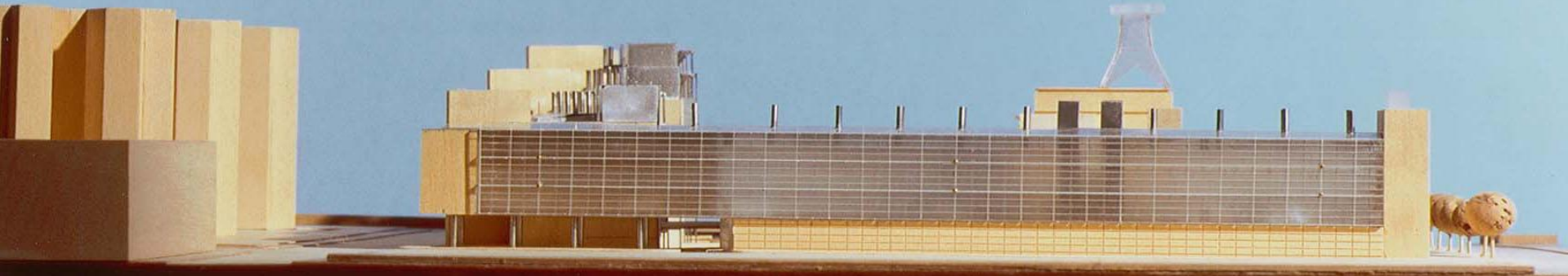


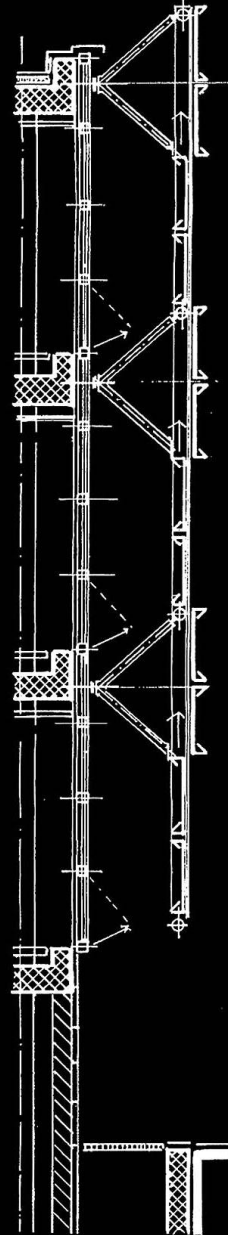
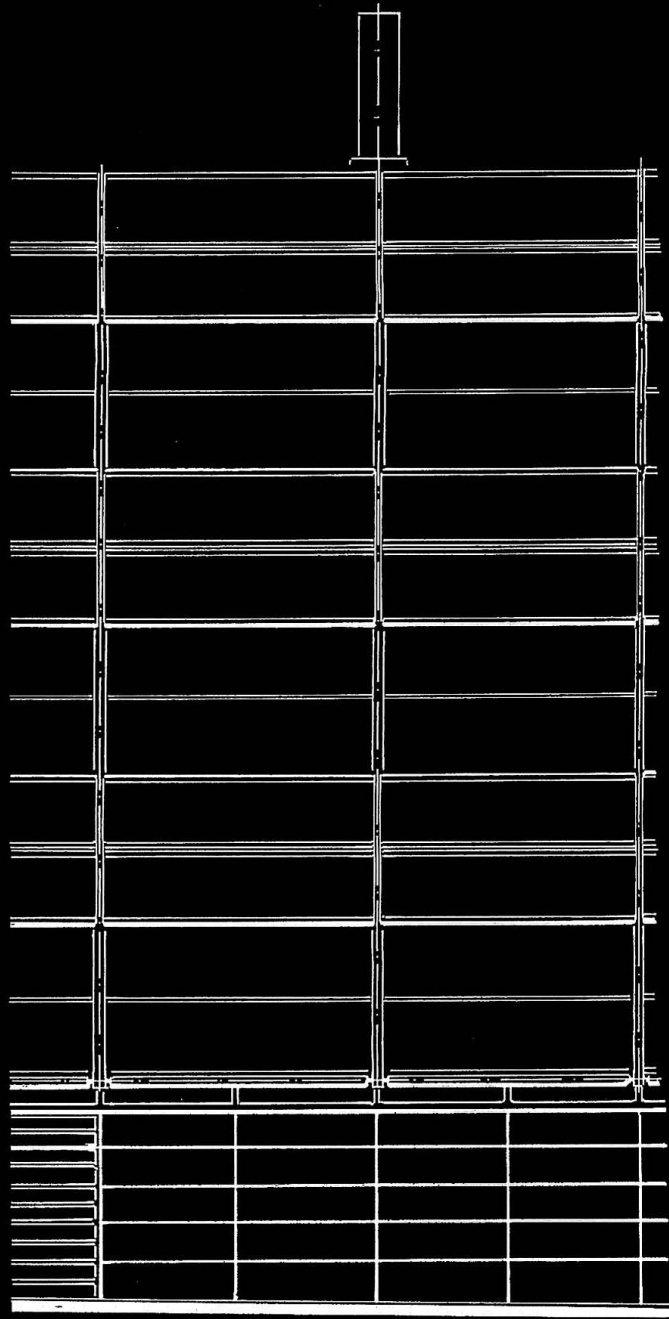




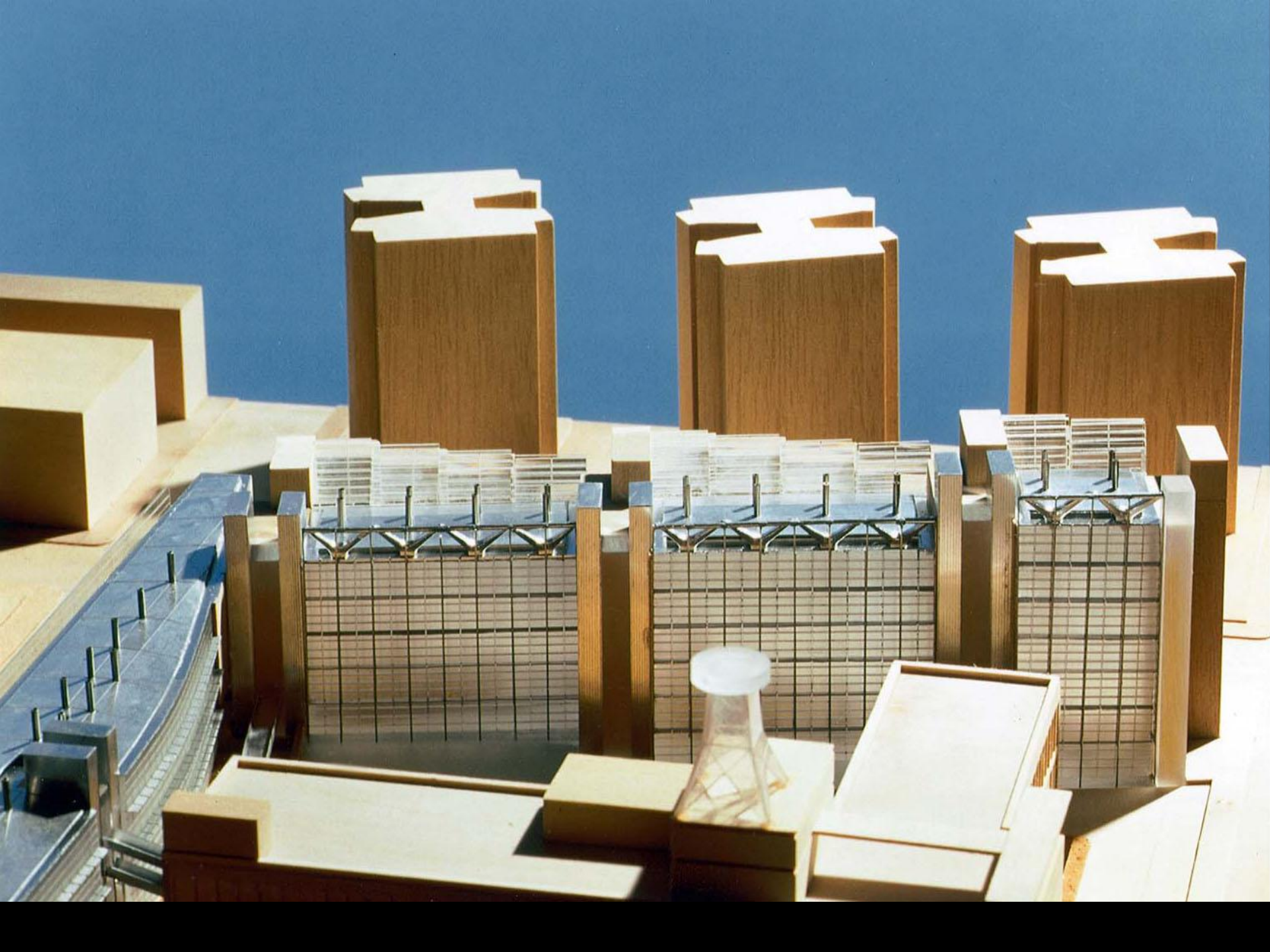
VIA GUGLIELMO OBERDAN



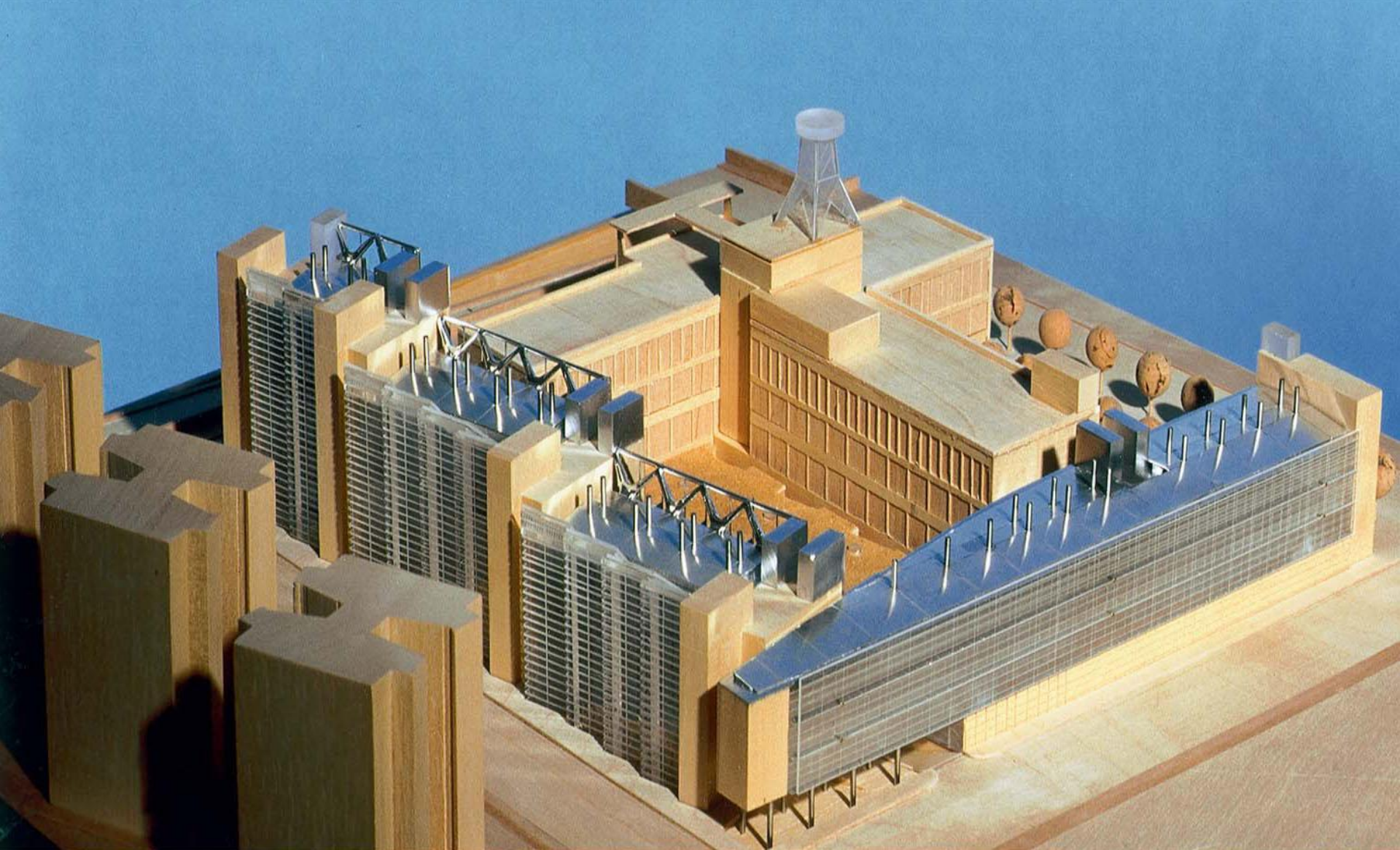








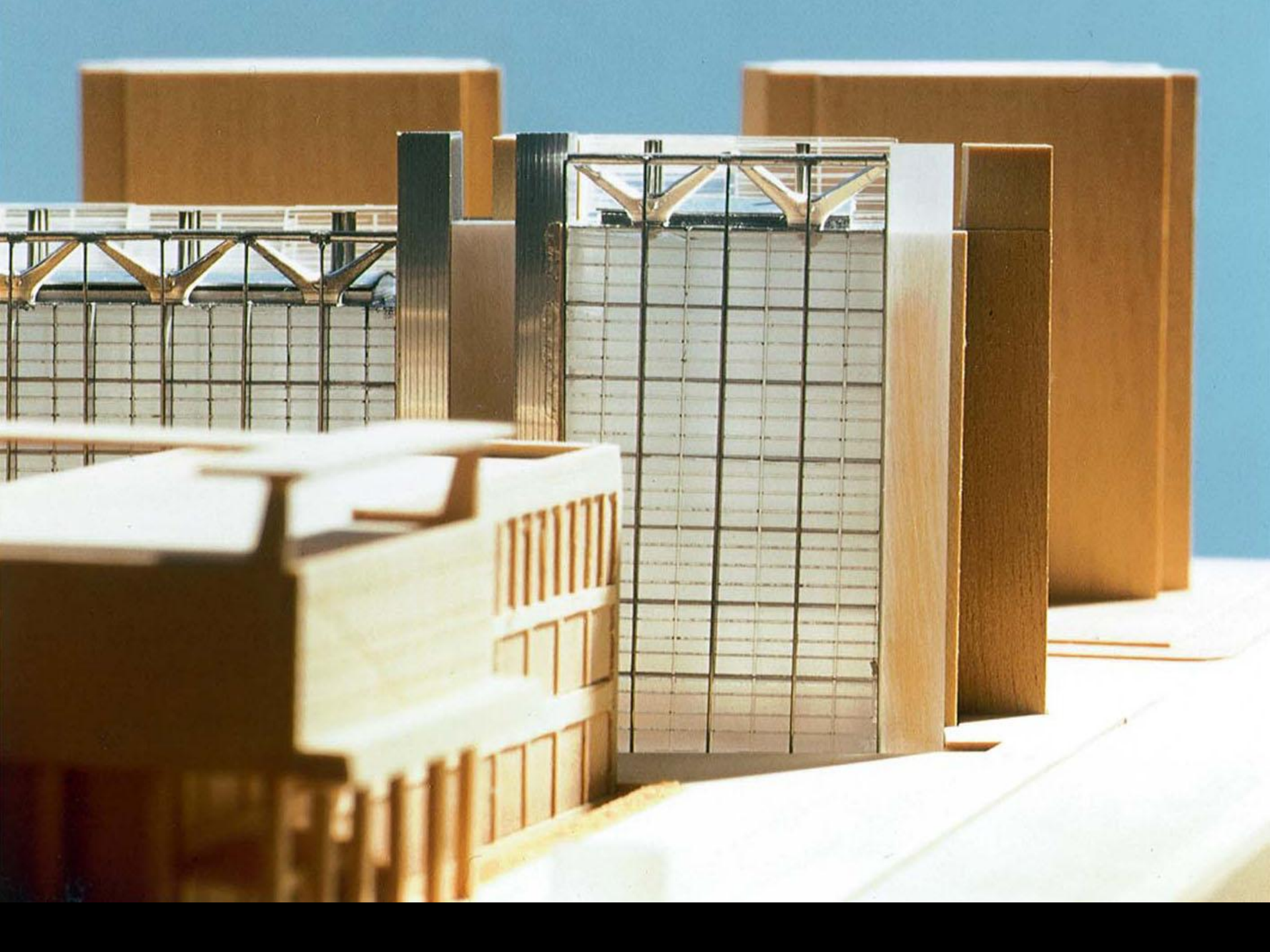








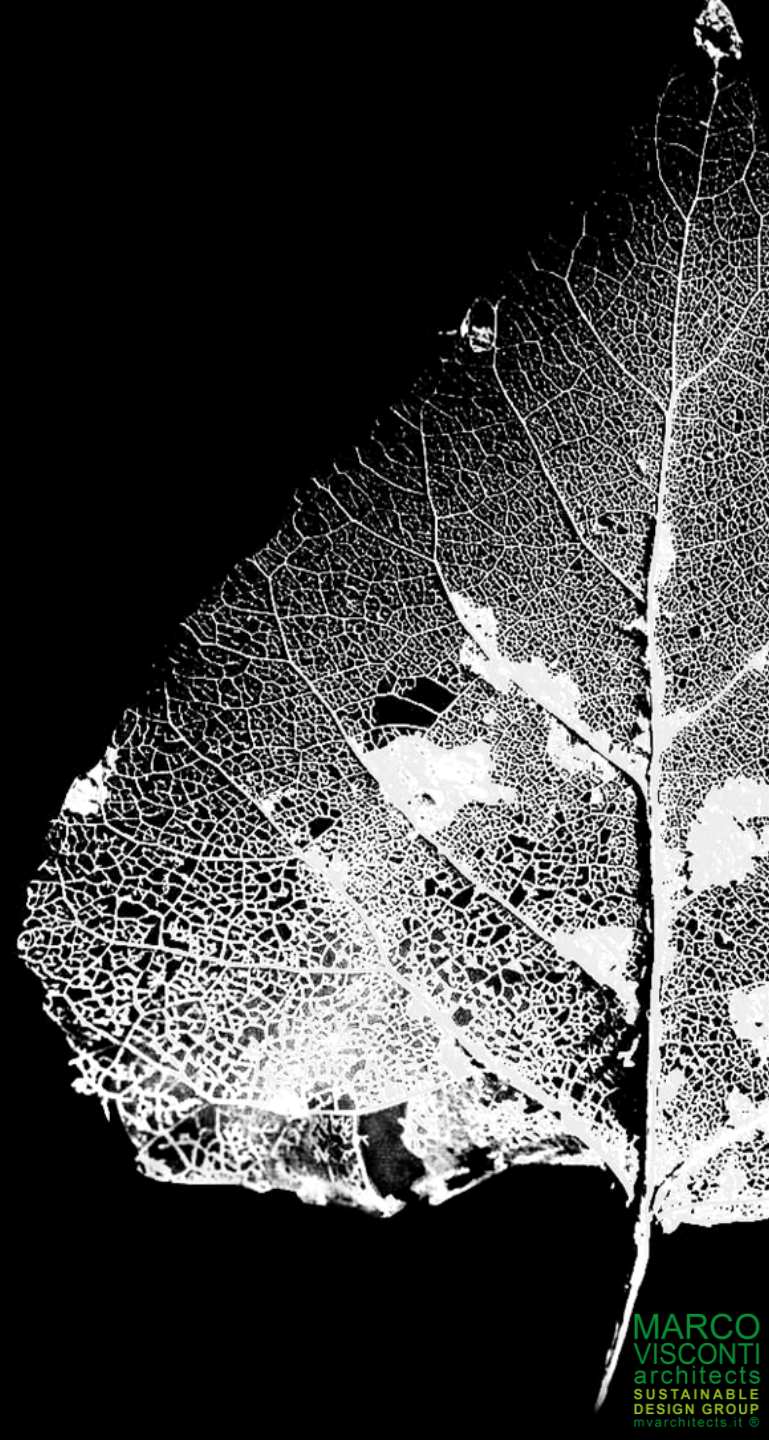


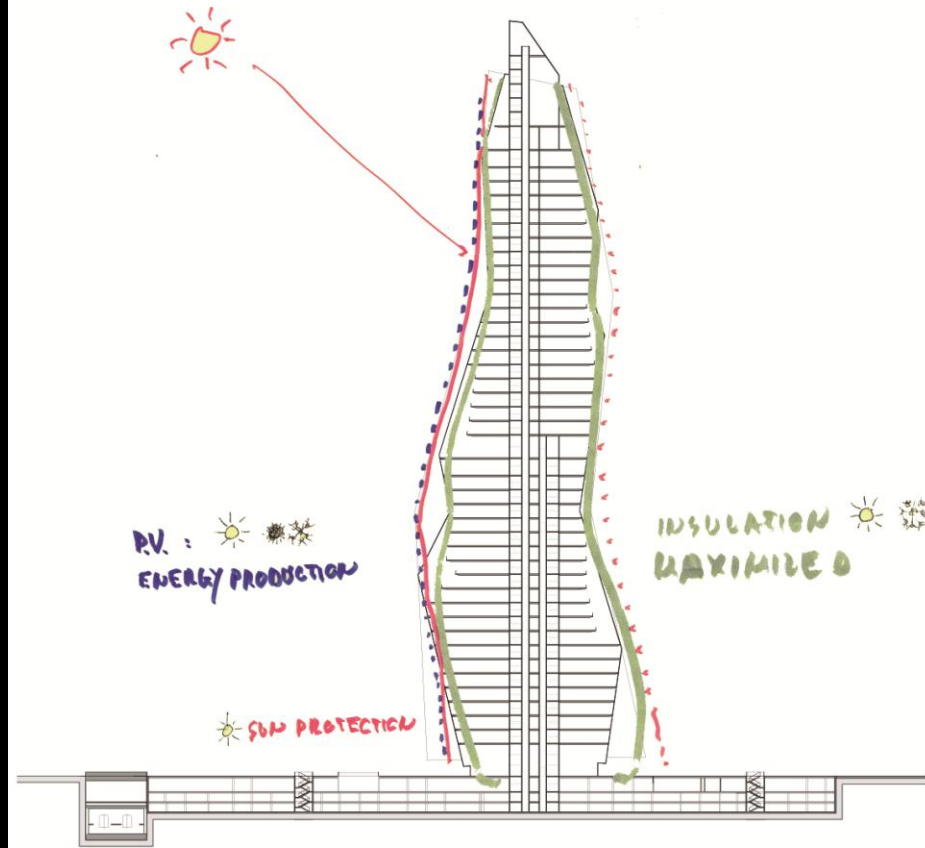




# EVOLO SKYSCRAPER

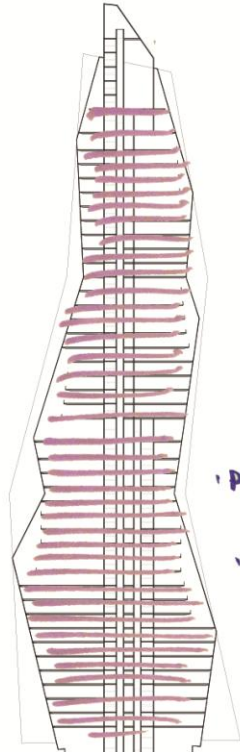
CONCORSO





FRICABE

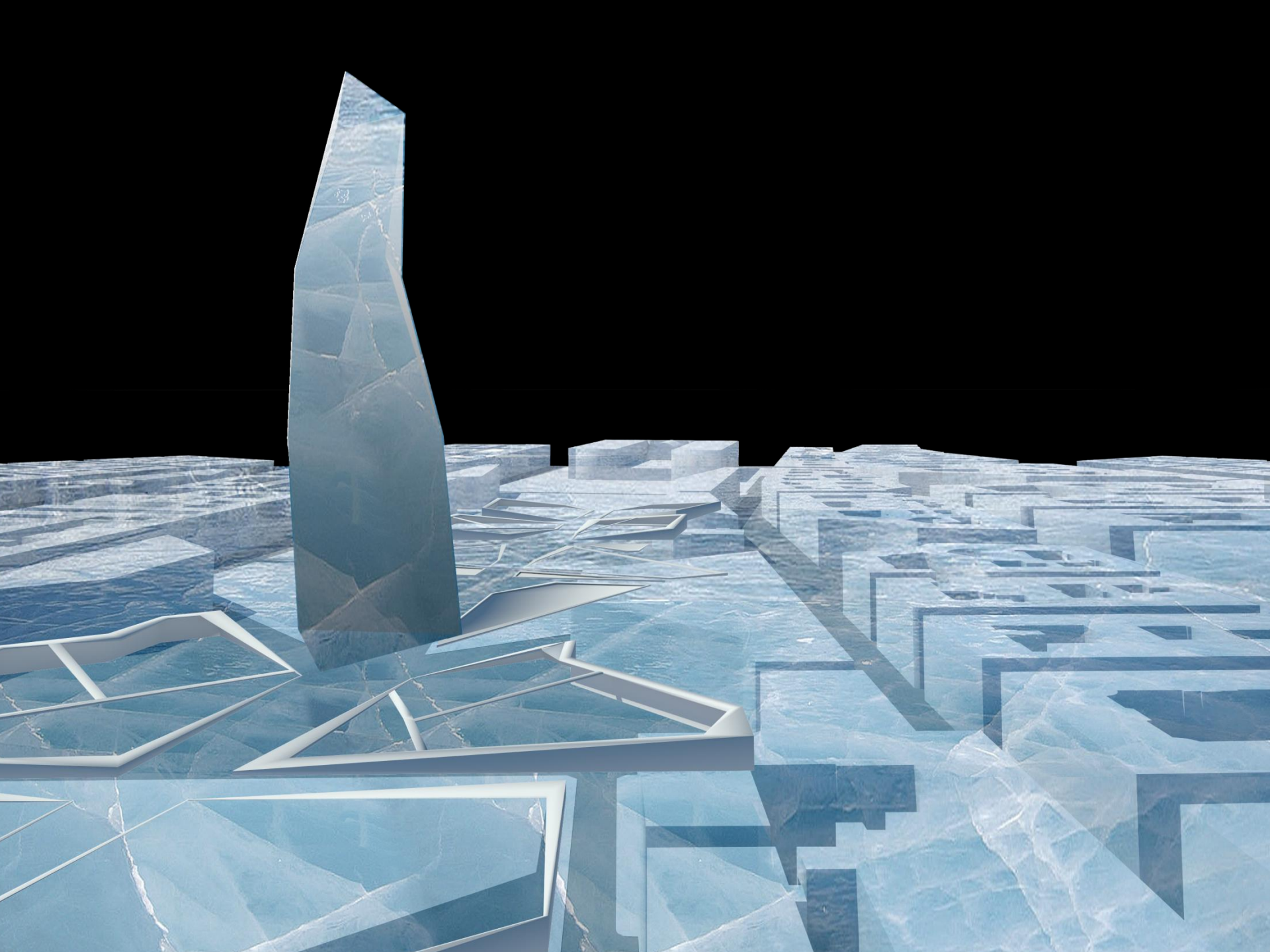




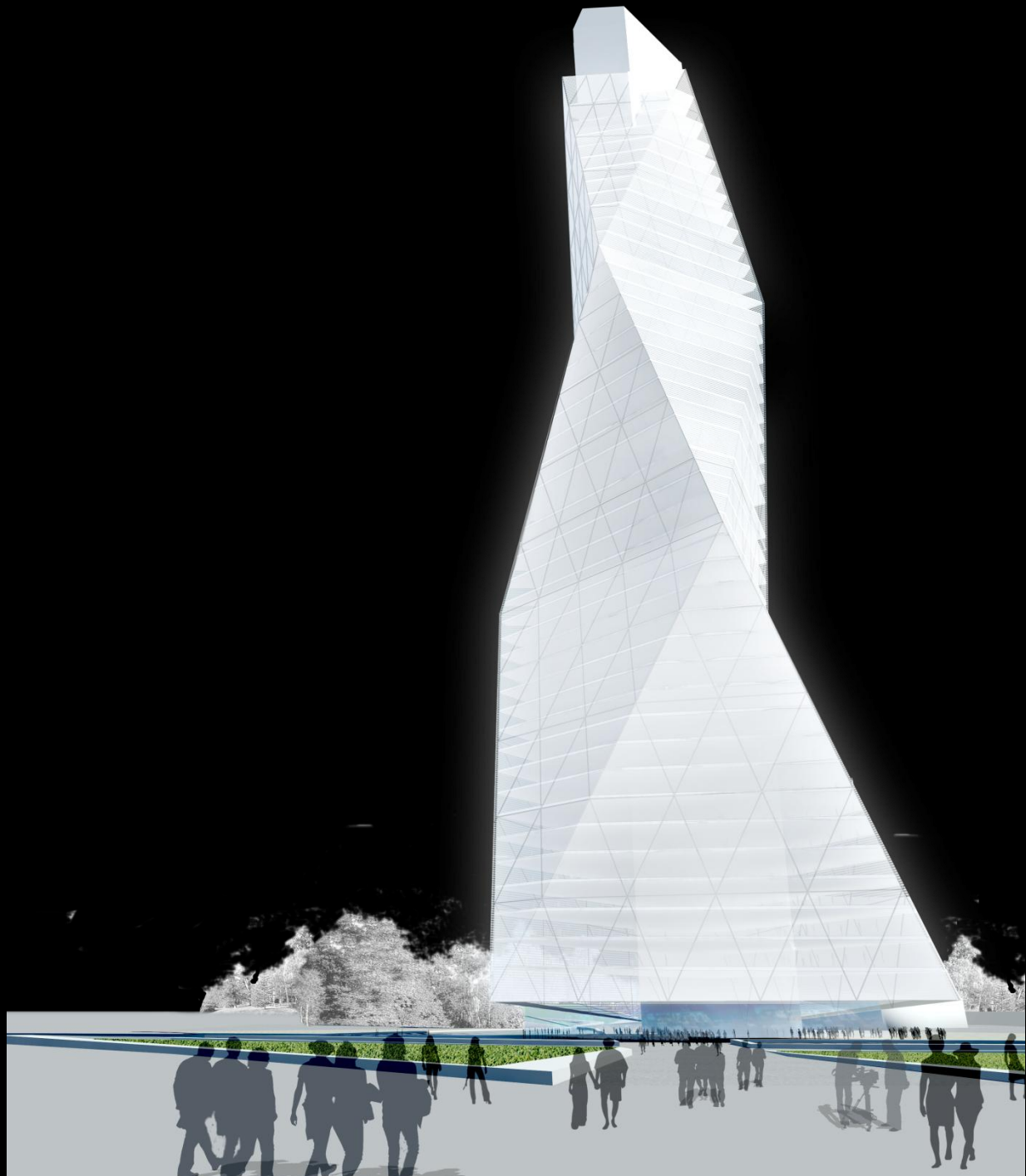
' PREFABRICATION

' NATURAL COOLING:  
THERMAL MASS ☀

STRUCTURE

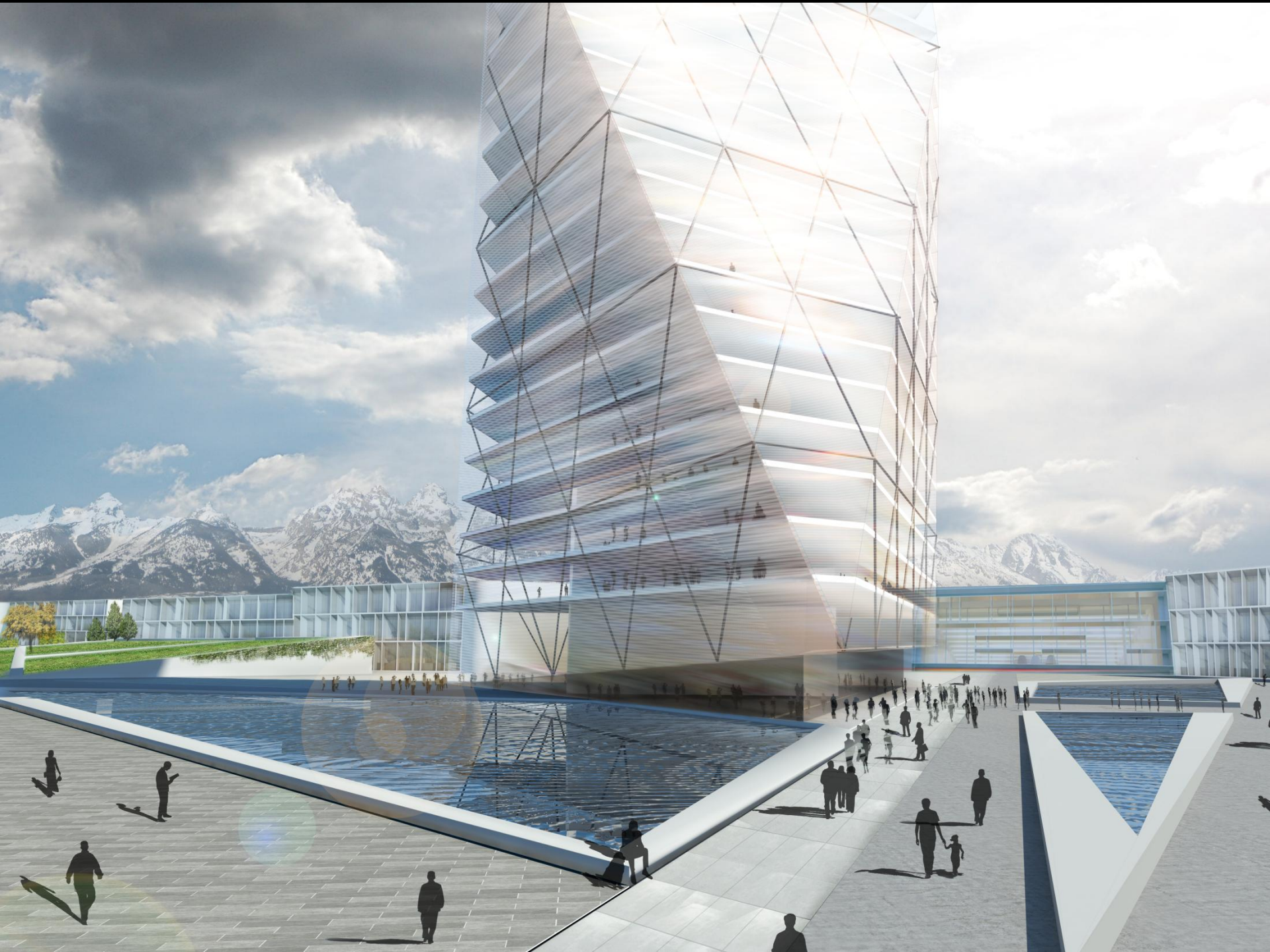










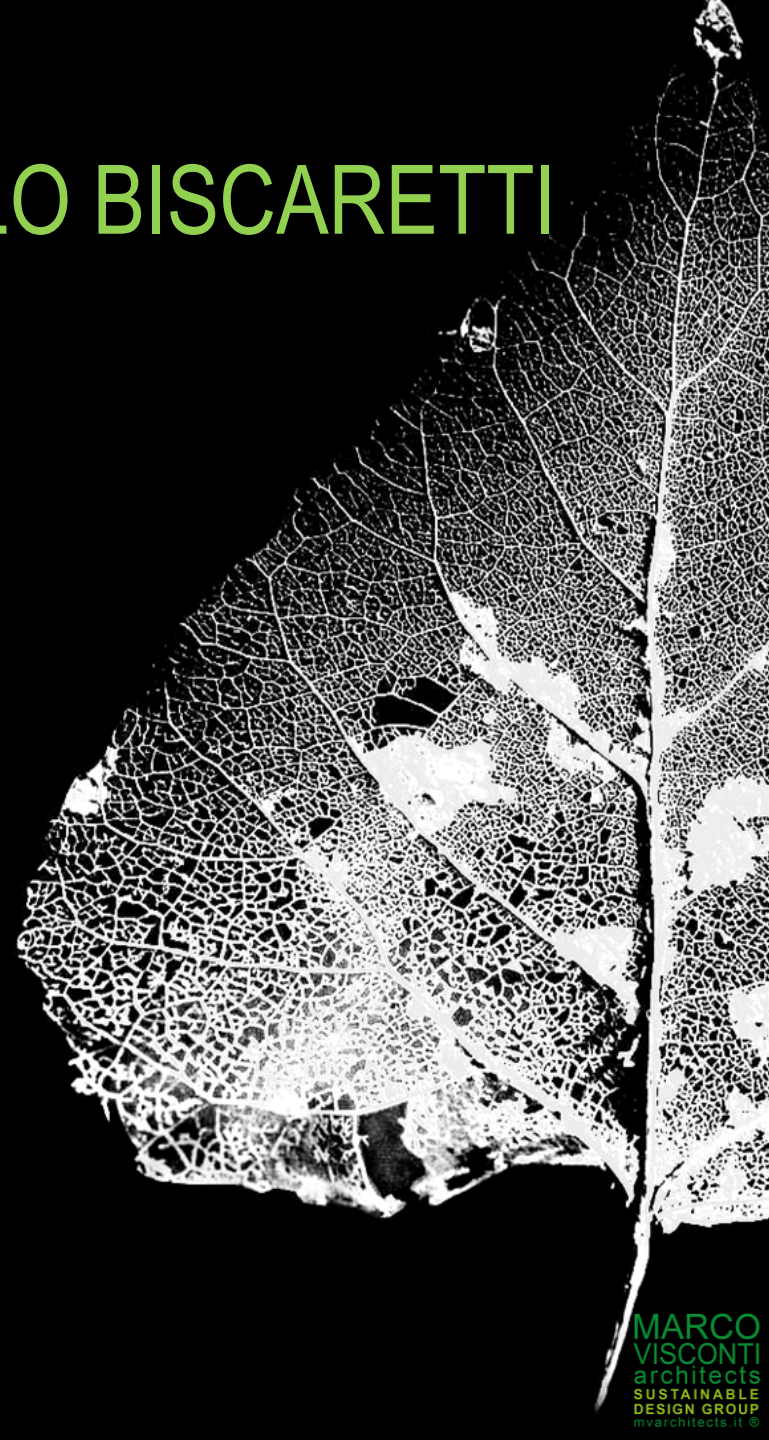






# CENTRO CONGRESSI CARLO BISCARETTI MUSEO DELL'AUTO

TORINO





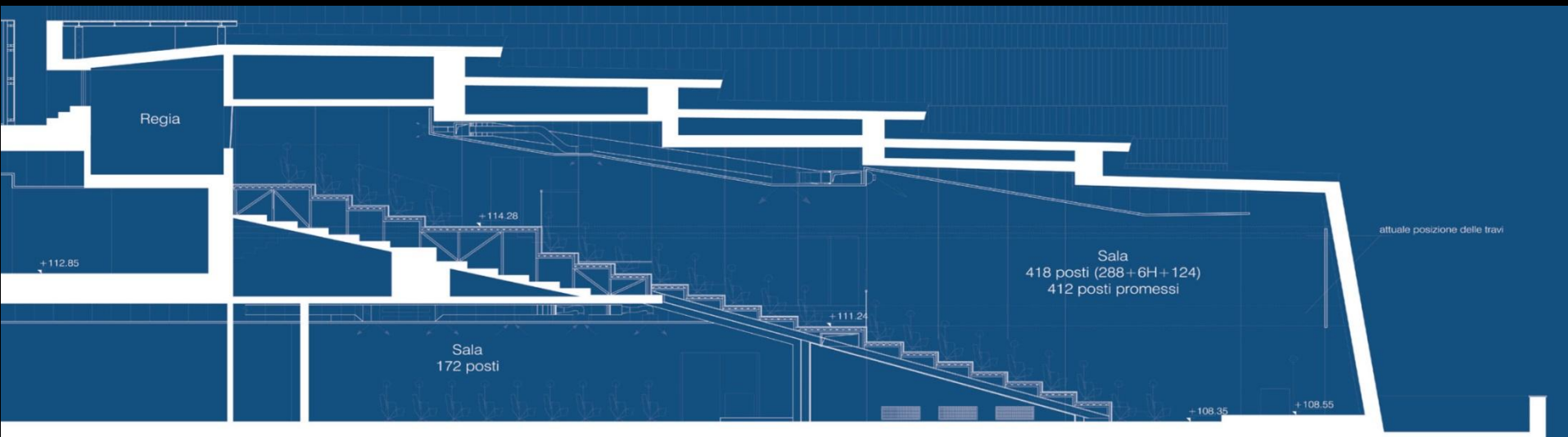












Regia

+112.85

+114.28

Sala  
172 posti

+111.24

Sala  
418 posti (288+6H+124)  
412 posti promessi

attuale posizione delle travi

+108.35

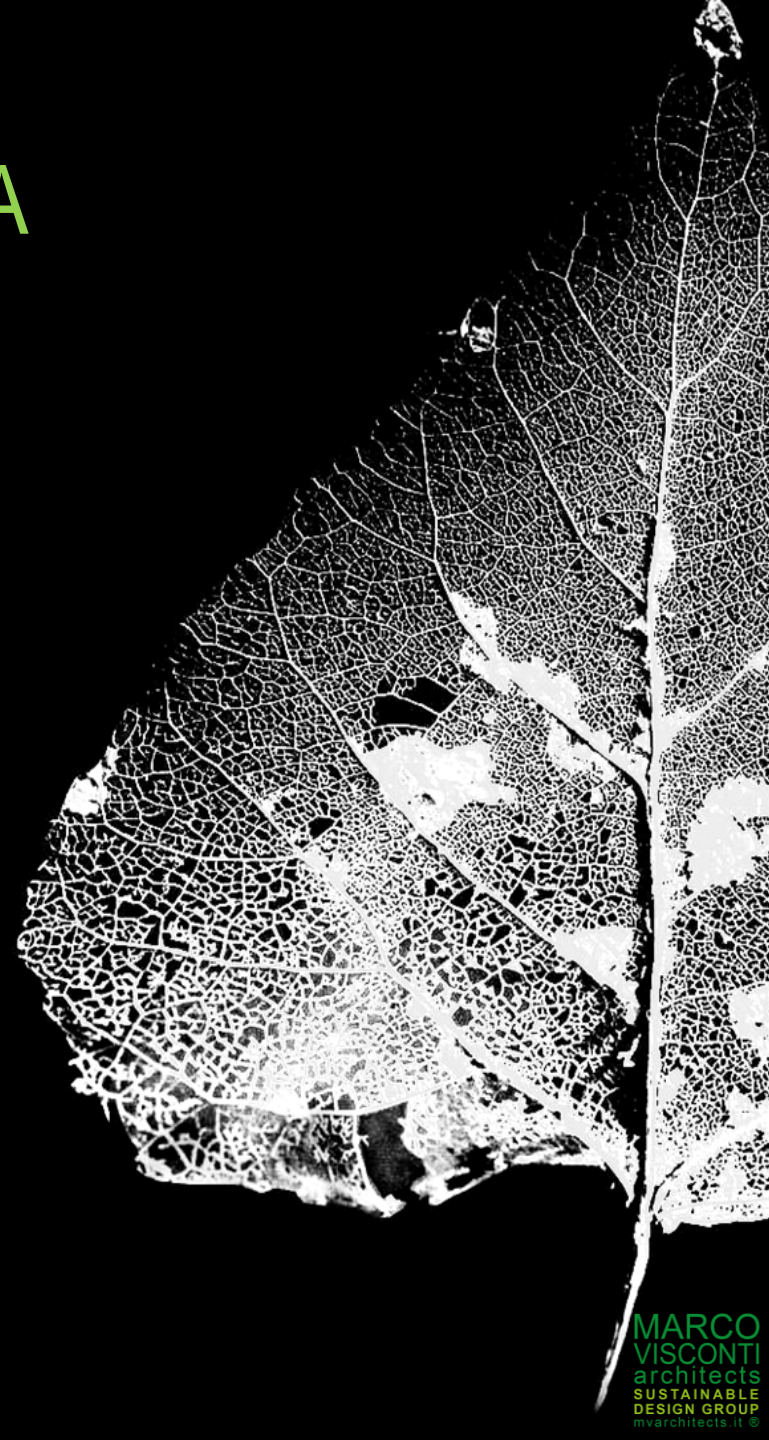
+108.55



# STAZIONE METROPOLITANA

RHO FIERA

MILANO















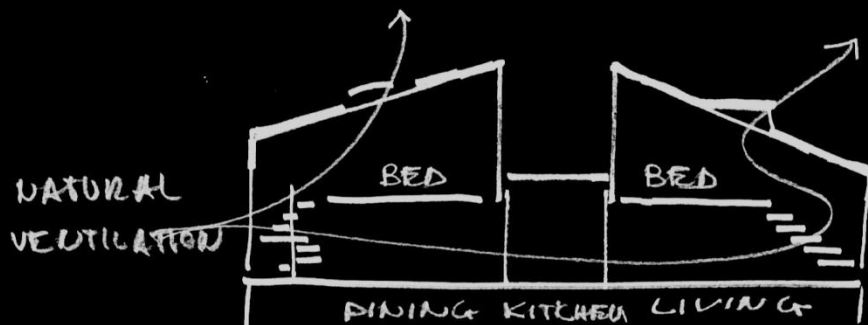




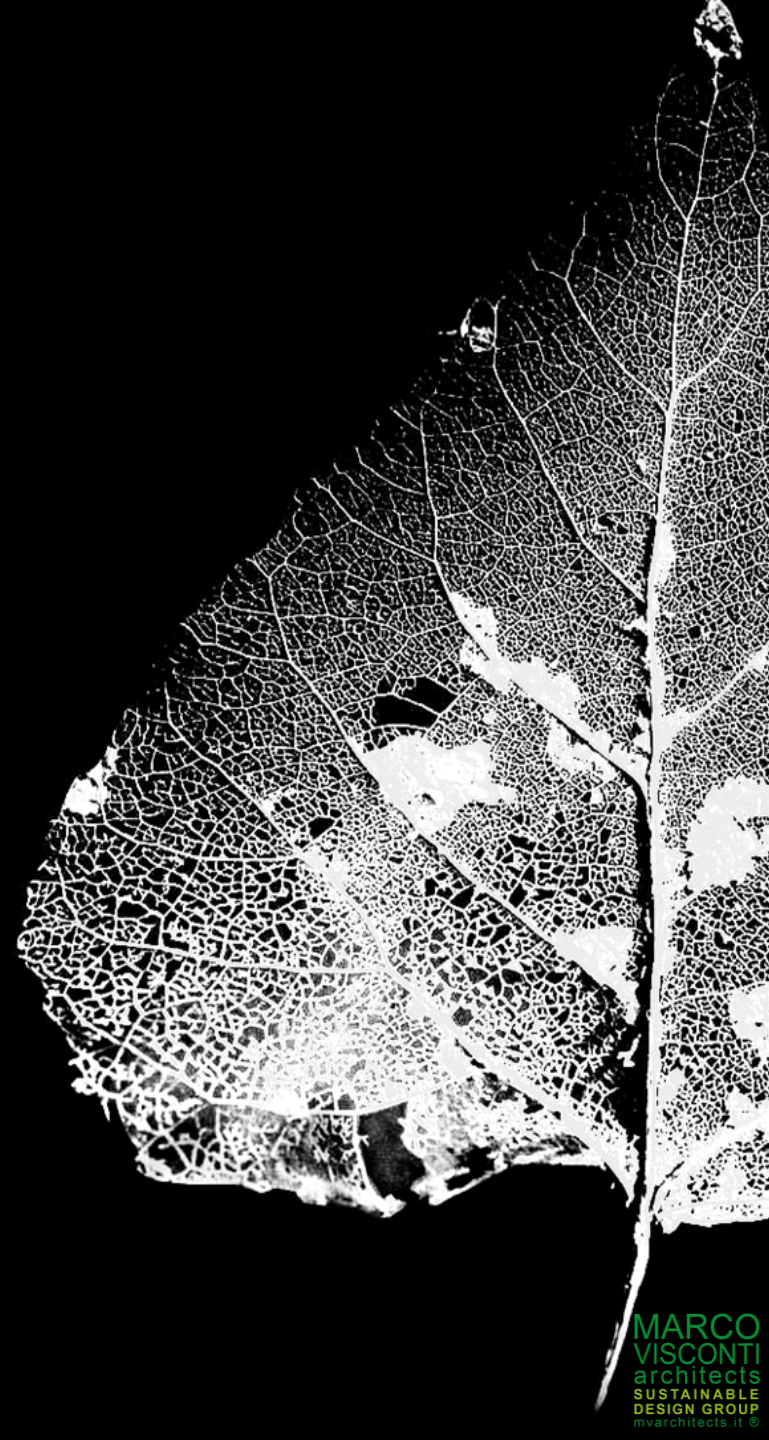


# APPARTAMENTO

TORINO



APARTMENT - TORINO



















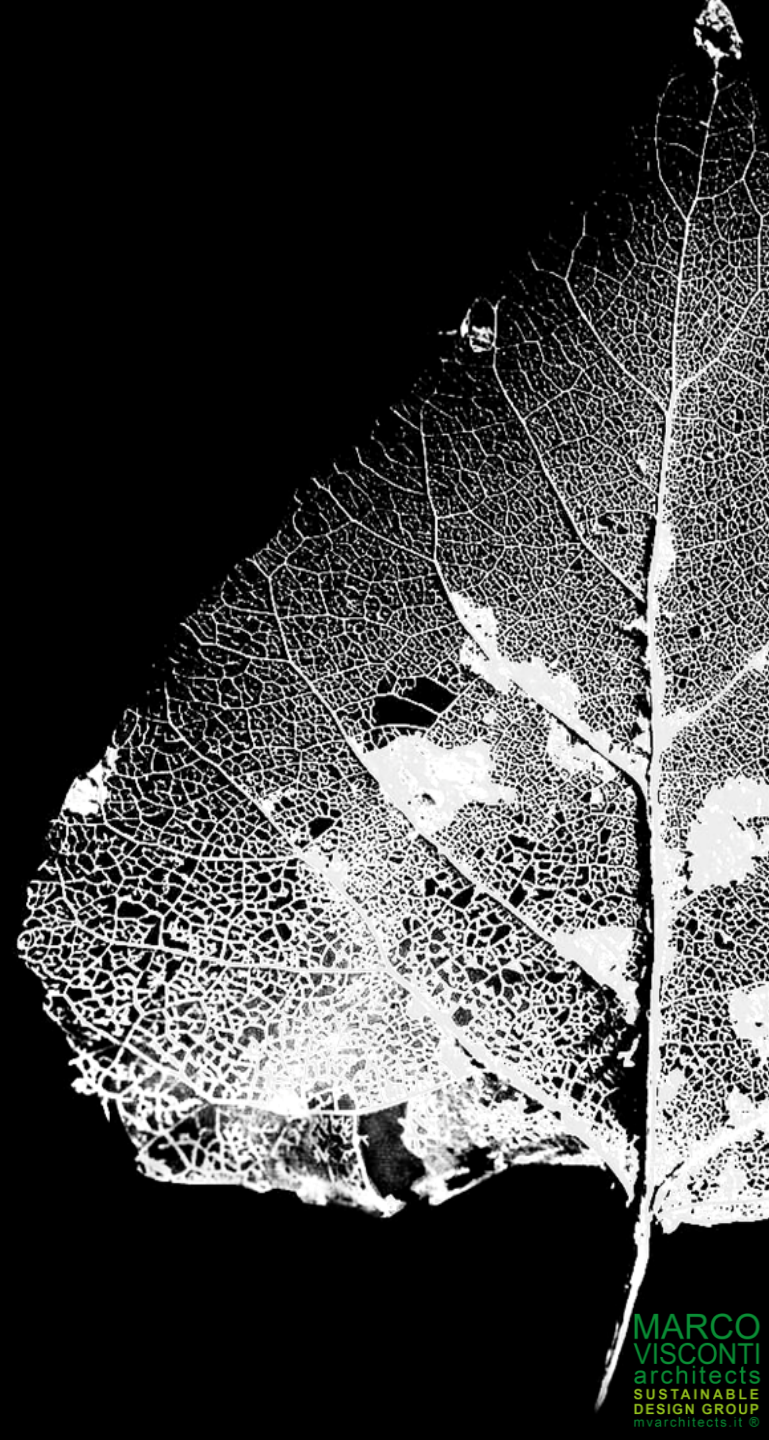






# UFFICIO PROFESSIONALE

TORINO













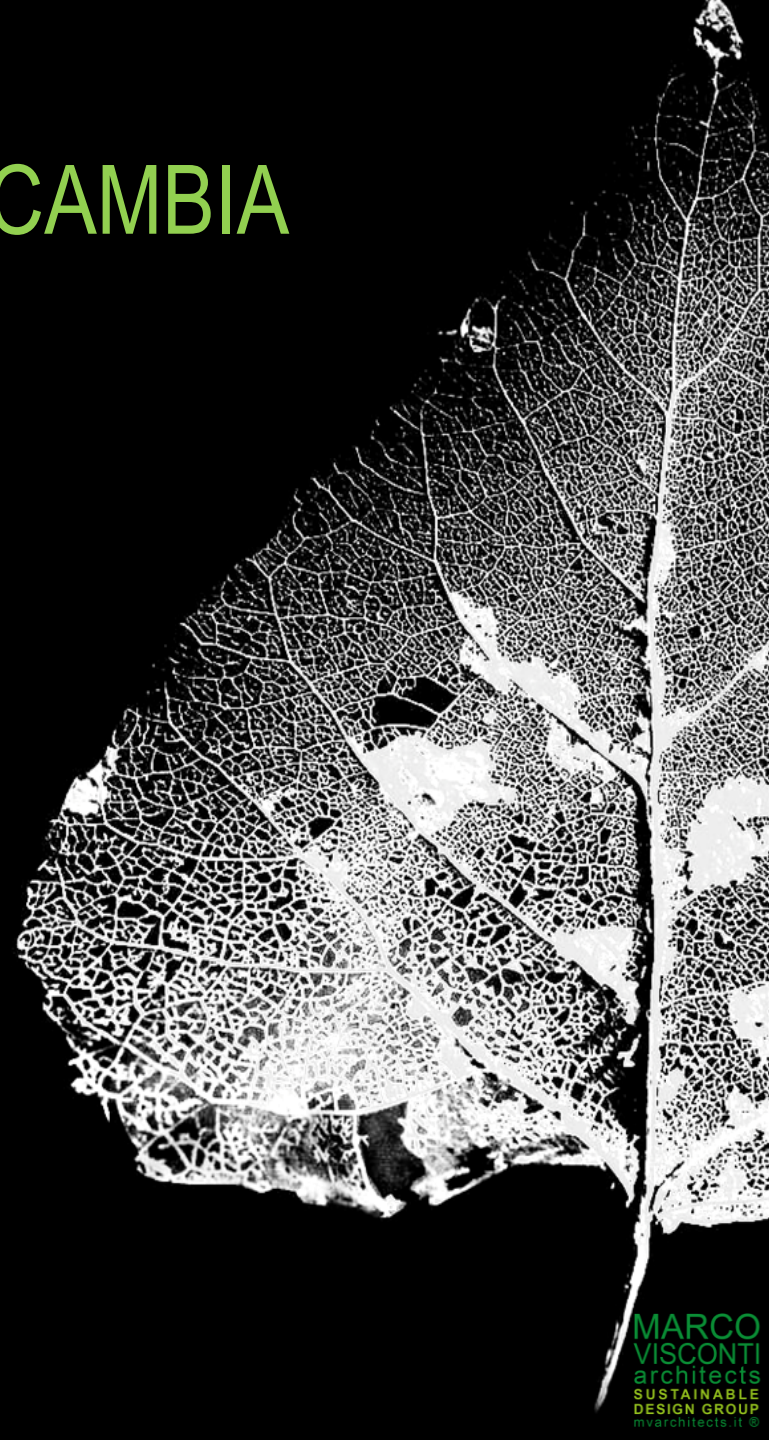






# MOSTRA L'ARCHITETTURA CAMBIA IL MONDO

TORINO ESPOSIZIONI, PADIGLIONE NERVI









TORINO ESPORIZIONI

TORINO ESPORIZIONI



**Aedas  
Visconti  
and partners**

## TRAINING CENTER

Torino, Italy 1998-2000

**TRAINING CENTER**  
Torino, Italy  
1998-2000

Il padiglione polifunzionale ospita un polo di attività sportive, culturali, educative di Torino e Piemonte. Il nuovo edificio, creato dal polo industriale (2000).

Per questo di una competizione l'edificio è risultato il terzo premiato, vincendo il premio internazionale "Architettura" del 2000, oltre a una serie di altri premi.

La costruzione è realizzata da un polo industriale, attraverso due fasi costruttive, secondo un'idea generale di progetto che ha permesso il completamento e l'integrazione del polo. Il Training Center è il risultato di una serie di interventi di restauro, con percorsi pedonali e spazi verdi, e di un edificio moderno con una grande scala di accesso.

**TRAINING CENTER**

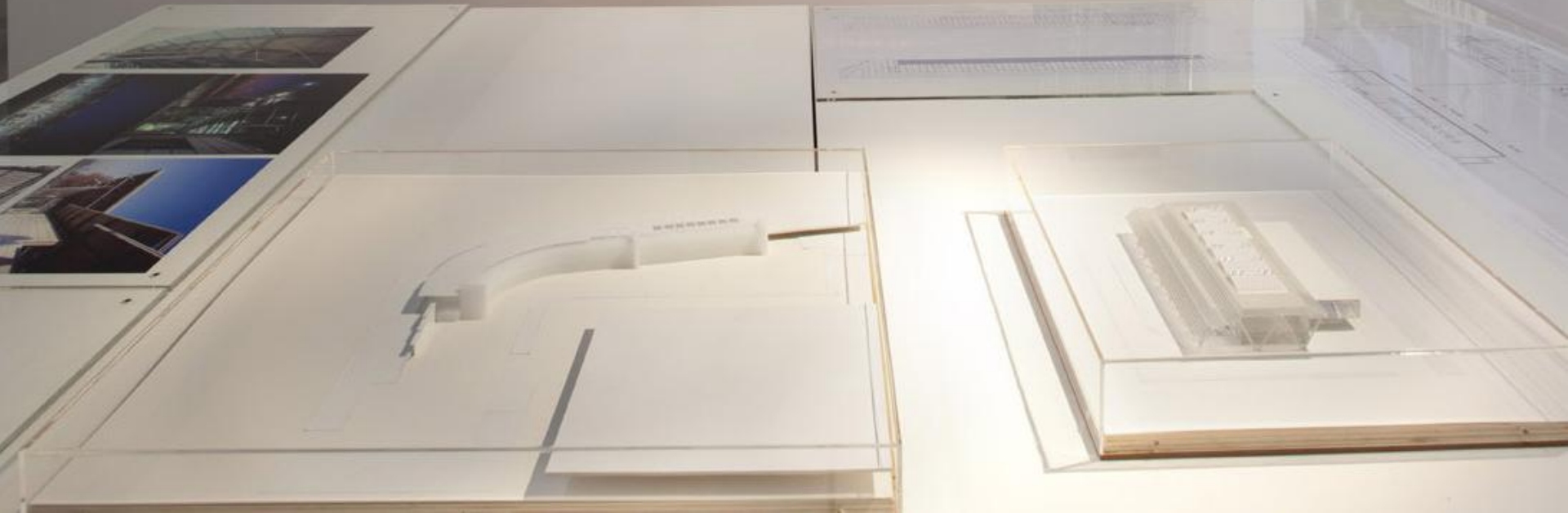
Torino, Italy  
1998-2000

The multifunctional pavilion hosts a sports, cultural, educational pole of Torino and Piemonte. The new building, created by the industrial pole (2000).

For this competition the building is the third prize winner, winning the international "Architecture" award of 2000, as well as a series of other awards.

The construction is realized by an industrial pole, through two construction phases, according to a general project idea that has allowed the completion and integration of the pole. The Training Center is the result of a series of restoration interventions, with pedestrian paths and green spaces, and of a modern building with a large staircase.

Aedas  
Visconti & partners







Polo Energia e Ambiente  
Piemonte



Aeer - Weber - Assozierte





L'ARCHITETTURA  
CAMBIA il MONDO

Il design e l'architettura sono discipline che si nutrono a vicenda e che insieme creano l'ambiente in cui viviamo. In questo senso, il design e l'architettura sono due facce della stessa medaglia, due aspetti di una stessa realtà. In questo senso, il design e l'architettura sono due facce della stessa medaglia, due aspetti di una stessa realtà.



L'ARCHITETTURA  
CAMBIA il MONDO





# L'ARCHITETTURA CAMBIA IL MONDO

LA NUOVA ARCHITETTURA NASCE DALLA TERRORE DELLE ENERGIE PULITE  
L'architettura è un linguaggio che si evolve nel tempo, influenzata dalle nuove tecnologie e dalle esigenze della società. Oggi, con l'attenzione crescente per l'ambiente e la sostenibilità, l'architettura si sta trasformando in un linguaggio di rispetto per la natura e per le risorse. Le nuove architetture sono progettate per essere efficienti, sostenibili e in grado di migliorare la qualità della vita. Questo significa utilizzare materiali e tecniche innovative, ridurre i consumi energetici e creare spazi che siano sia funzionali che piacevoli. L'architettura del futuro sarà un'architettura che si integra con l'ambiente e che contribuisce a un mondo migliore.



# ARCHITETTURA CAMBIA IL MONDO







**SUSTAINABLE  
BUILDING AWARDS 2016**

**BUILD**

**BEST SUSTAINABLE ARCHITECTURAL DESIGN PRACTICE - ITALY**



# L'ALIANTE: UNA METAFORA





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