

## Lowara Office Building



The Lowara Electric Pump Factory is one of the many anonymous industrial plants in precast concrete and shed covering. The building designed by the Renzo Piano office in 1982, for administrative and commercial offices, hangs one of the fronts, recalculating their length and height, and presents itself as the new public facade of the factory.

## Dati Progetto

Design	1984
Construction	1984 - 1985
Site Area	8176,1 m2
Total floor area	2853 m2
Floor area of offices	2070 m2
Height	8,6 m
Floors	1

## Credits

Client	Renzo Ghiotto
Architect	B.W. Building Workshop - Renzo Piano direttore artistico
Consultants	Favero & Milan (structure); Studio SIRE (landscaping)

## Immagini



Subject	East side external view
Date	-
Image Code	low__001
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni





Subject	West side exterior view
Date	-
Image Code	low__002
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Interior view of the office space
Date	-
Image Code	low__003
Author	Trivellato, Gianluigi
Copyright	Fondazione Renzo Piano





Subject	Interior view with the reception on the background
Date	-
Image Code	low__004
Author	Trivellato, Gianluigi
Copyright	Fondazione Renzo Piano



Subject	West side exterior view
Date	-
Image Code	low__007
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni





Subject	East side exterior view
Date	-
Image Code	low__008
Author	Trivellato, Gianluigi
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Subject	Detail of the roof steel section and its joints
Date	-
Image Code	low__009
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Detail view of the pathway roof
Date	-
Image Code	low__010
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



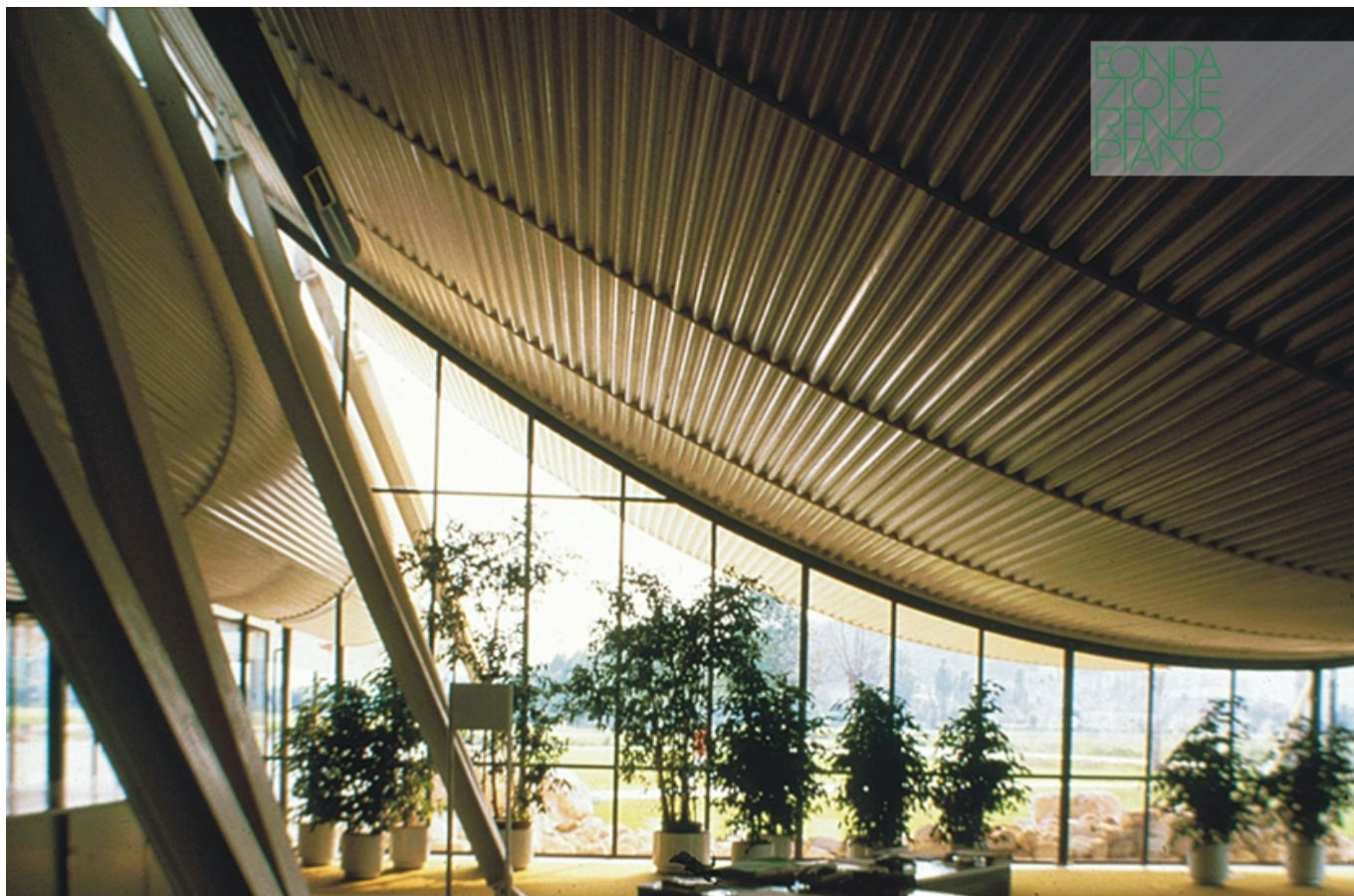


Subject	Interior view of the office space
Date	-
Image Code	low__011
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Interior view of the office space
Date	1985/12/01
Image Code	low__012
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



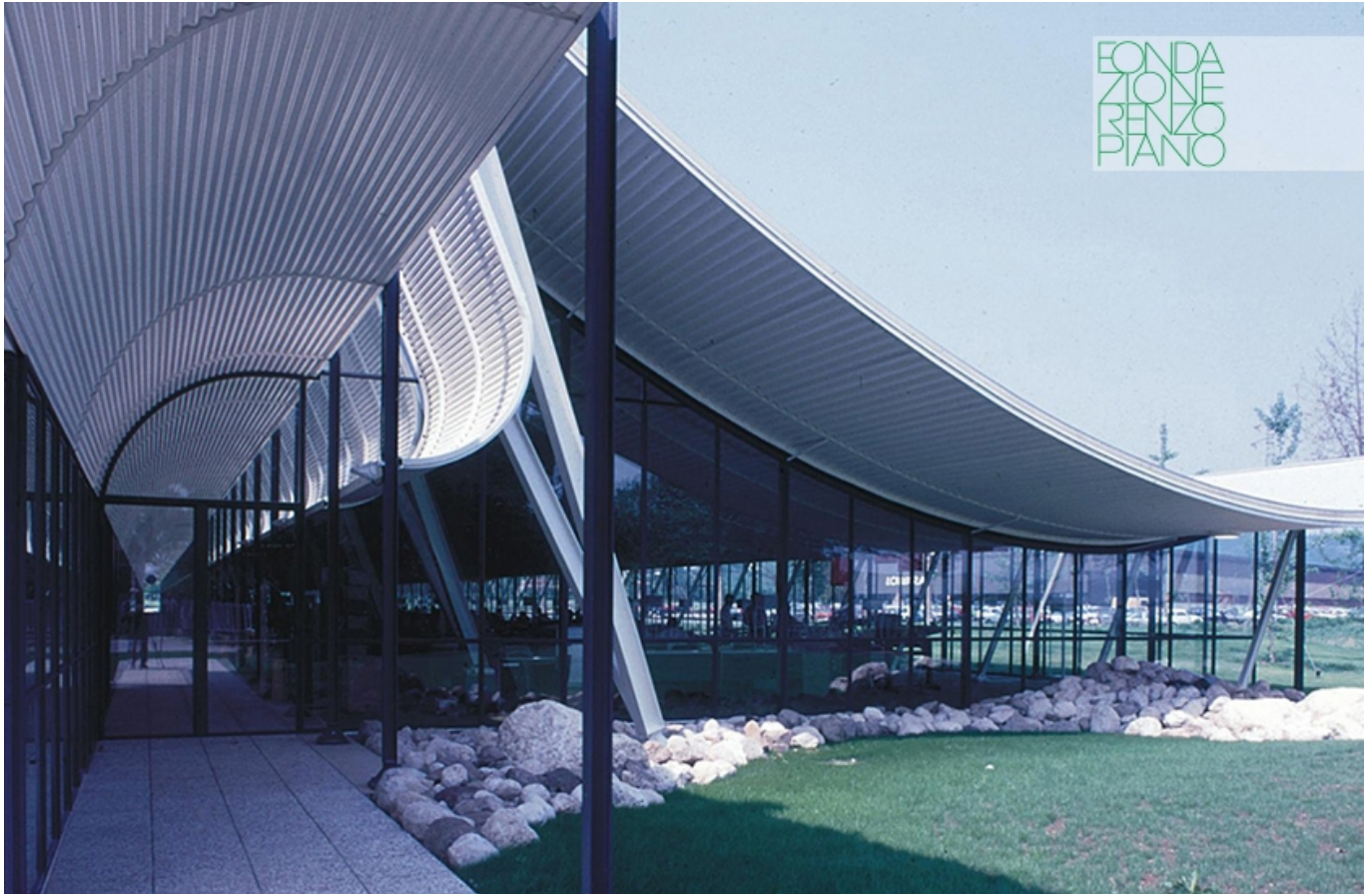


Subject	Interior view with daylighting
Date	-
Image Code	low__013
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Interior view of the office space
Date	-
Image Code	low__014
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



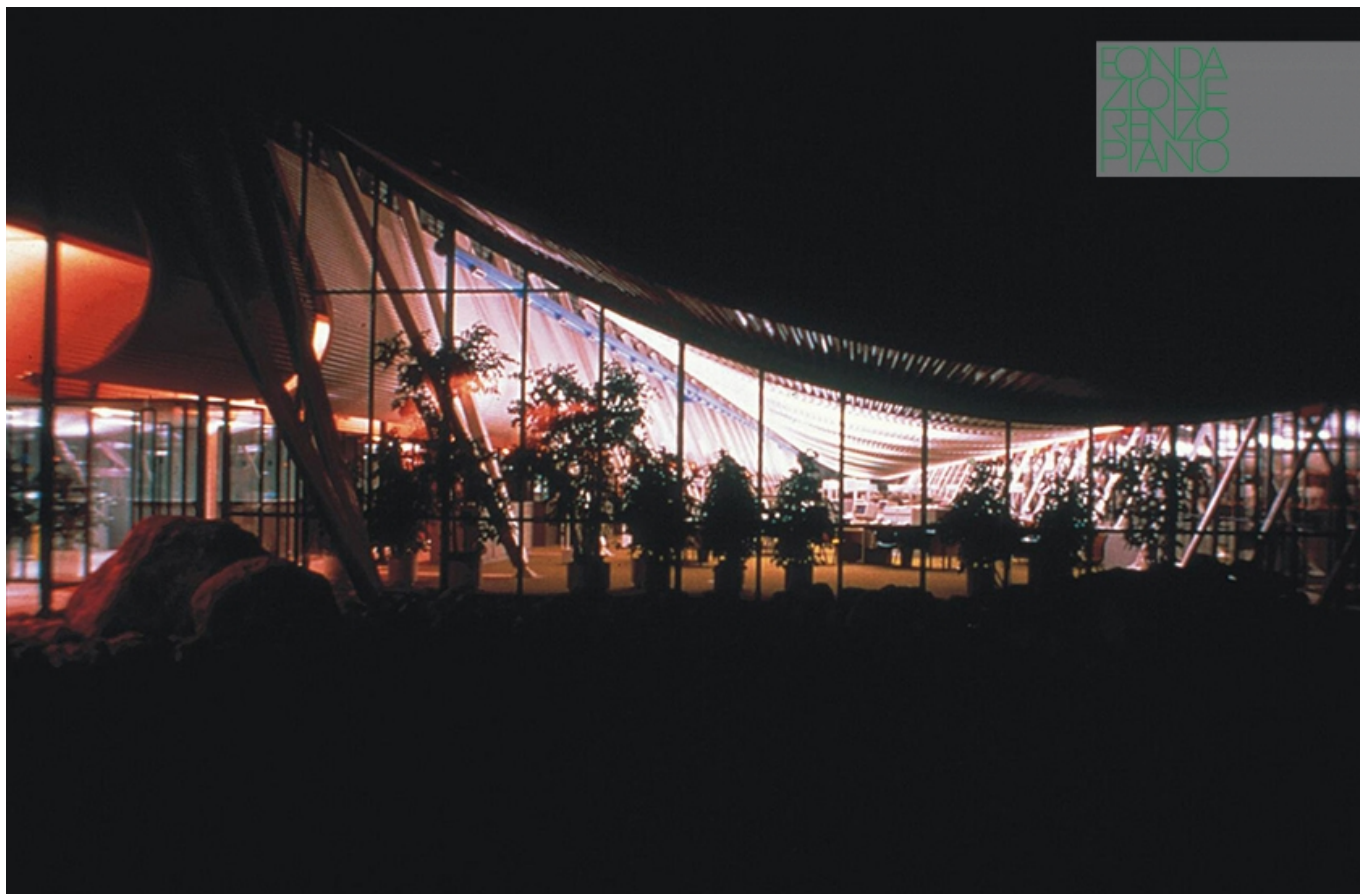


Subject	Exterior view of the inside pathway
Date	-
Image Code	low__016
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Interior view
Date	-
Image Code	low__017
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni





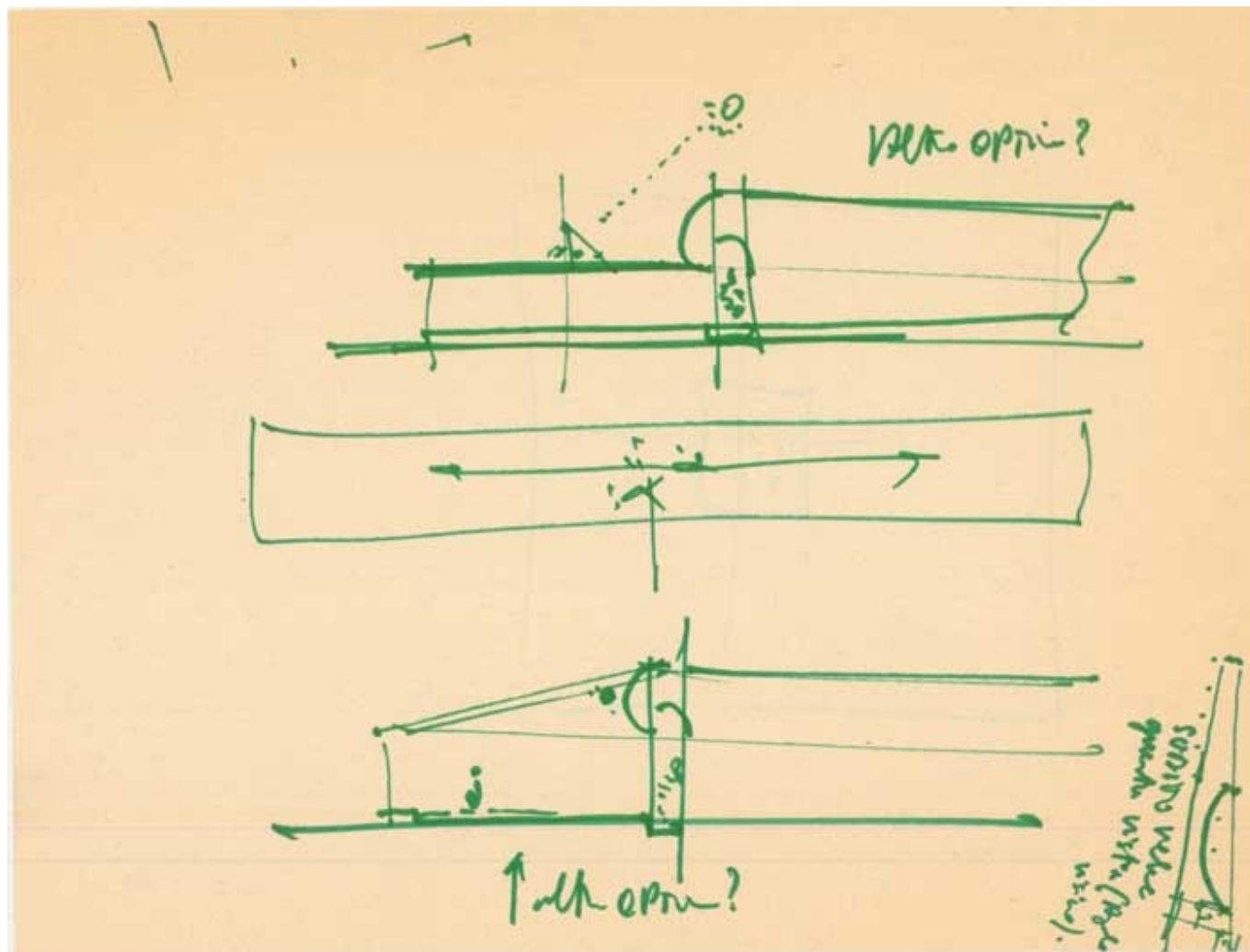
Subject	Exterior night view
Date	-
Image Code	low__018
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



Subject	Detail view of a pin connection
Date	-
Image Code	low__019
Author	Berengo Gardin, Gianni
Copyright	Berengo Gardin, Gianni



## Disegni



Subject	New building - other options
Scale	-
Size	21 x 15,80 cm
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_015
Author	Renzo Piano

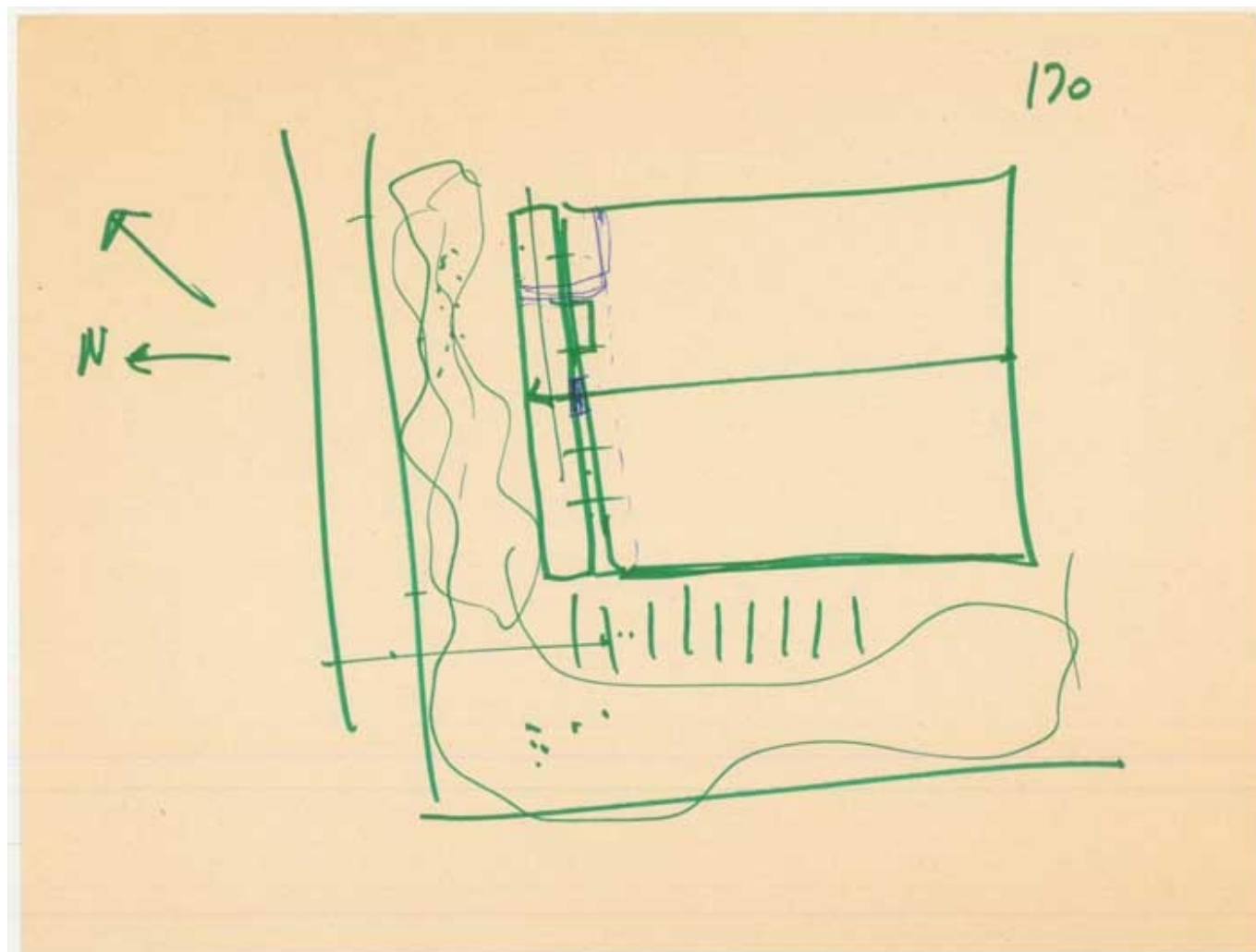
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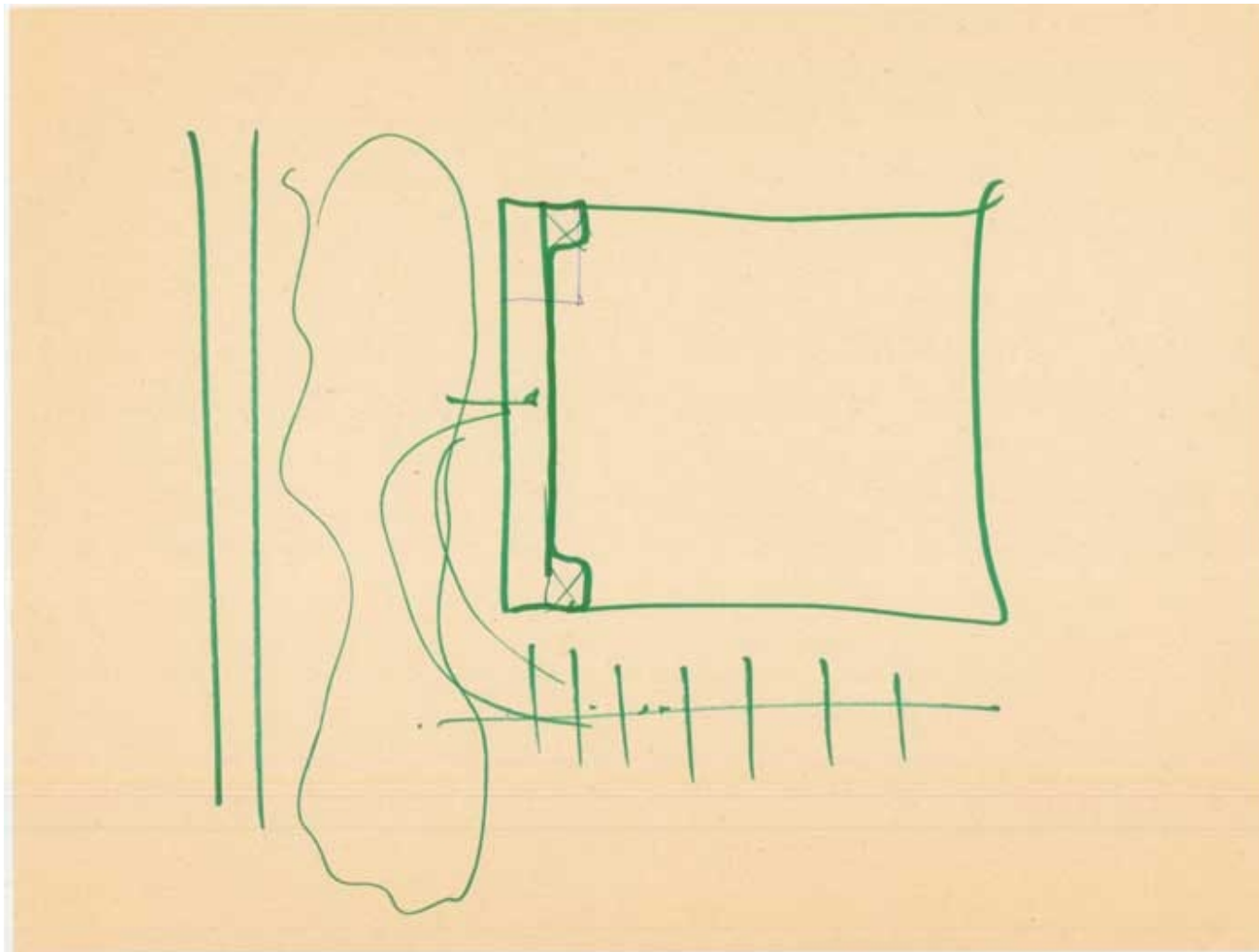
Fondazione Renzo Piano

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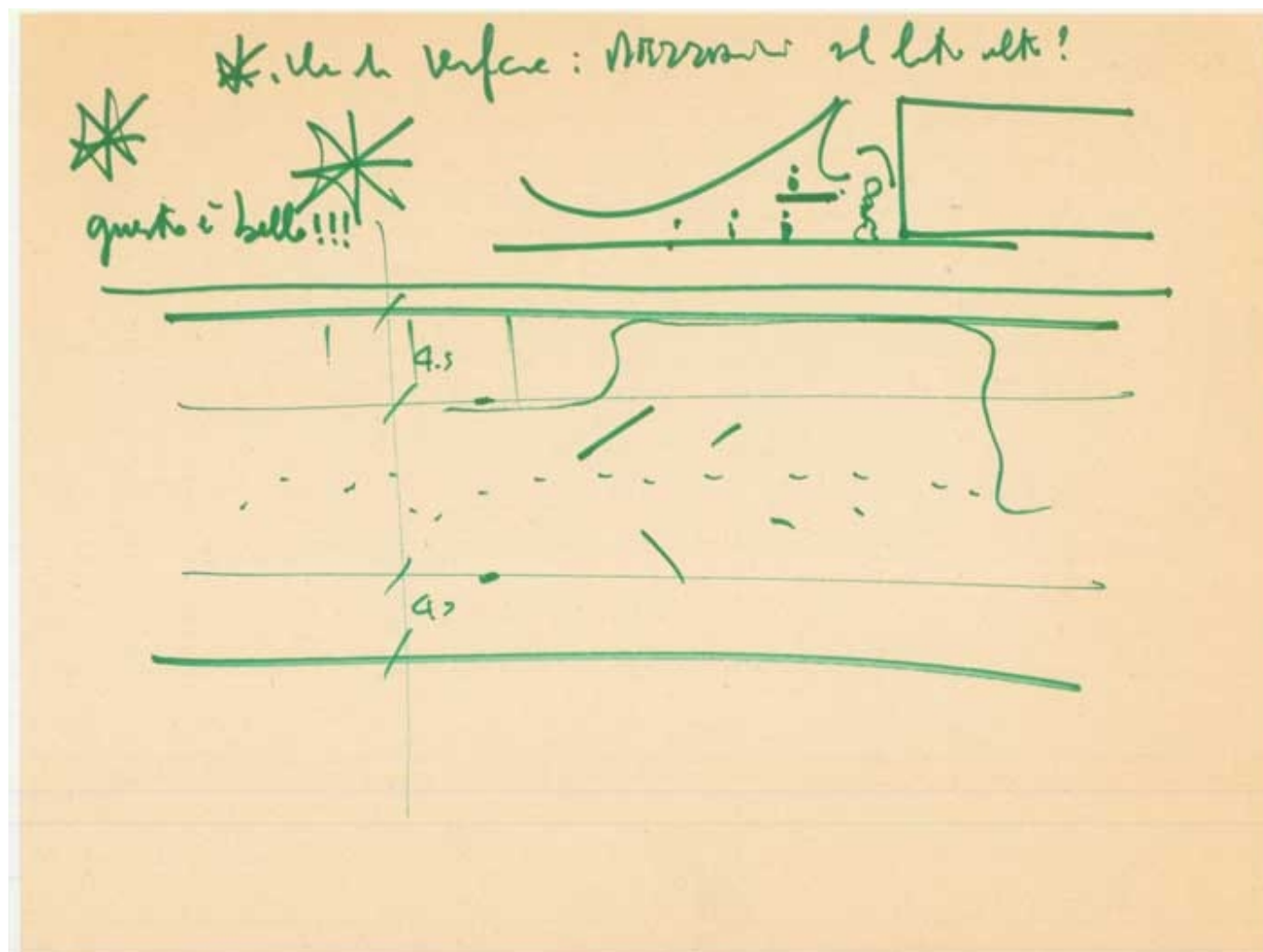


Subject	Site plan
Scale	-
Size	21 x 15,80 cm
Date	1985 - 1986
Drawing number	-
Drawing code	LOW-rp_014
Author	Renzo Piano
Copyright	Fondazione Renzo Piano

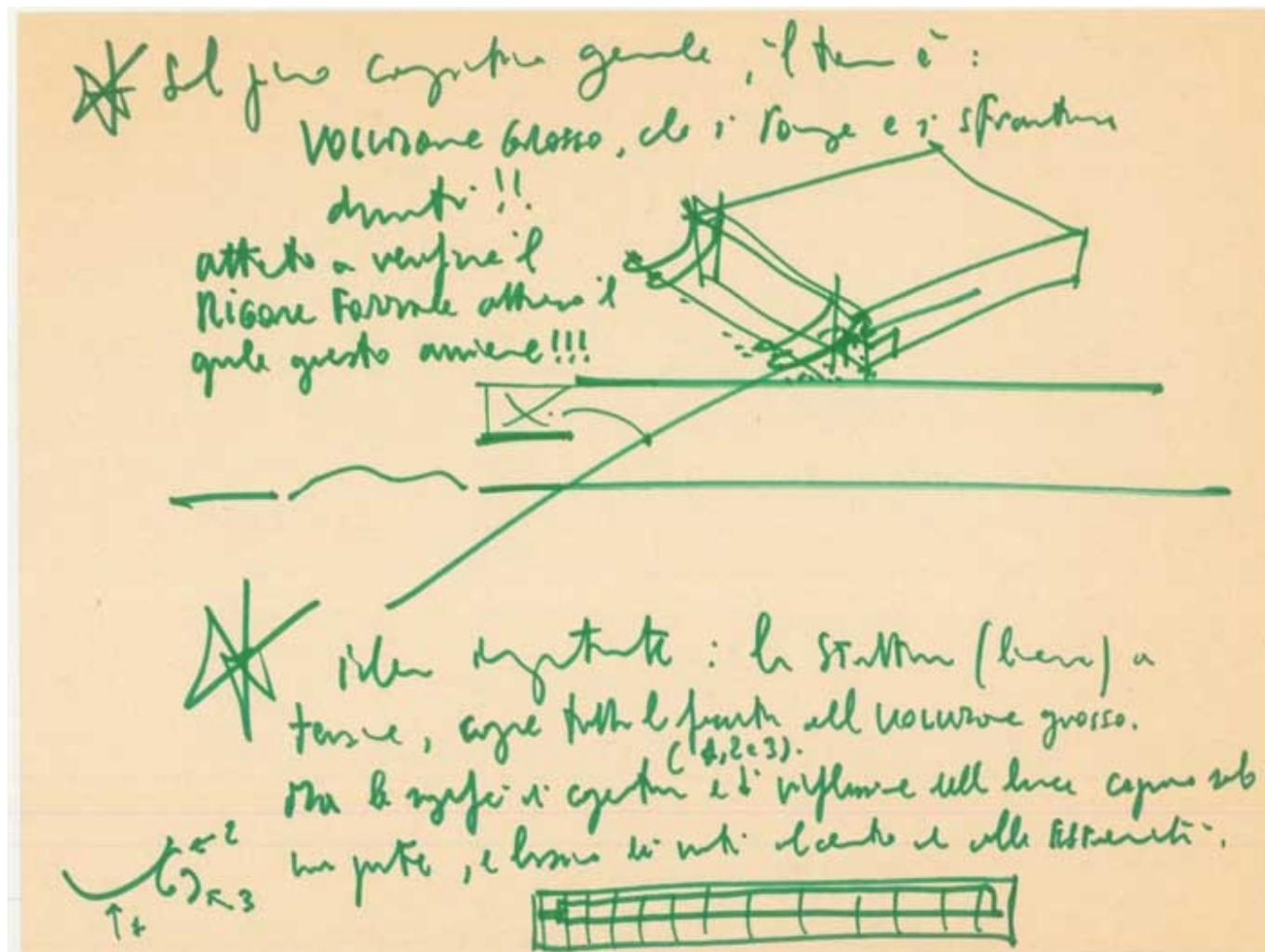


Subject	Site plan
Scale	-
Size	21 x 15,80 cm
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_013
Author	Renzo Piano
Copyright	Fondazione Renzo Piano



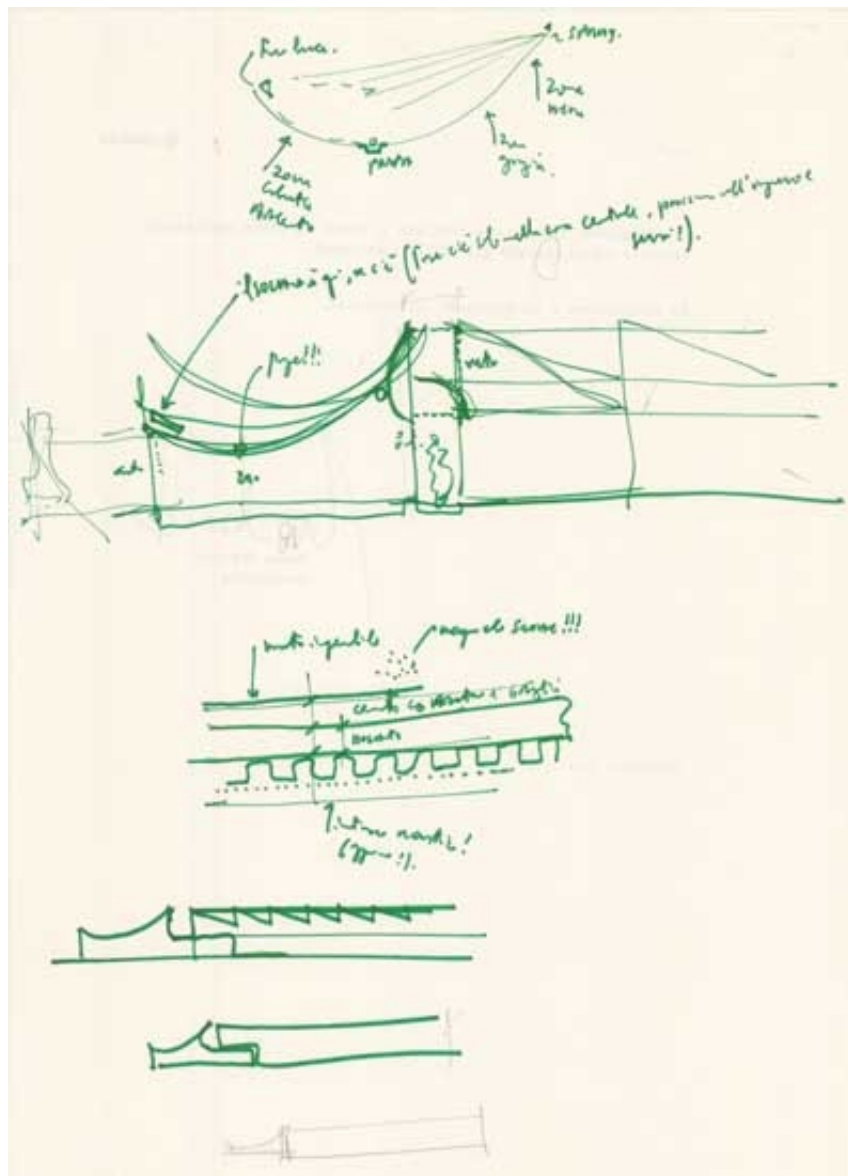


Subject	-
Scale	-
Size	21 x 15,80 cm
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_011
Author	Renzo Piano
Copyright	Fondazione Renzo Piano



Subject	-
Scale	-
Size	21 x 15,80 cm
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_010
Author	Renzo Piano
Copyright	Fondazione Renzo Piano





Subject	-
Scale	-
Size	A4
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_008

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Author

Renzo Piano

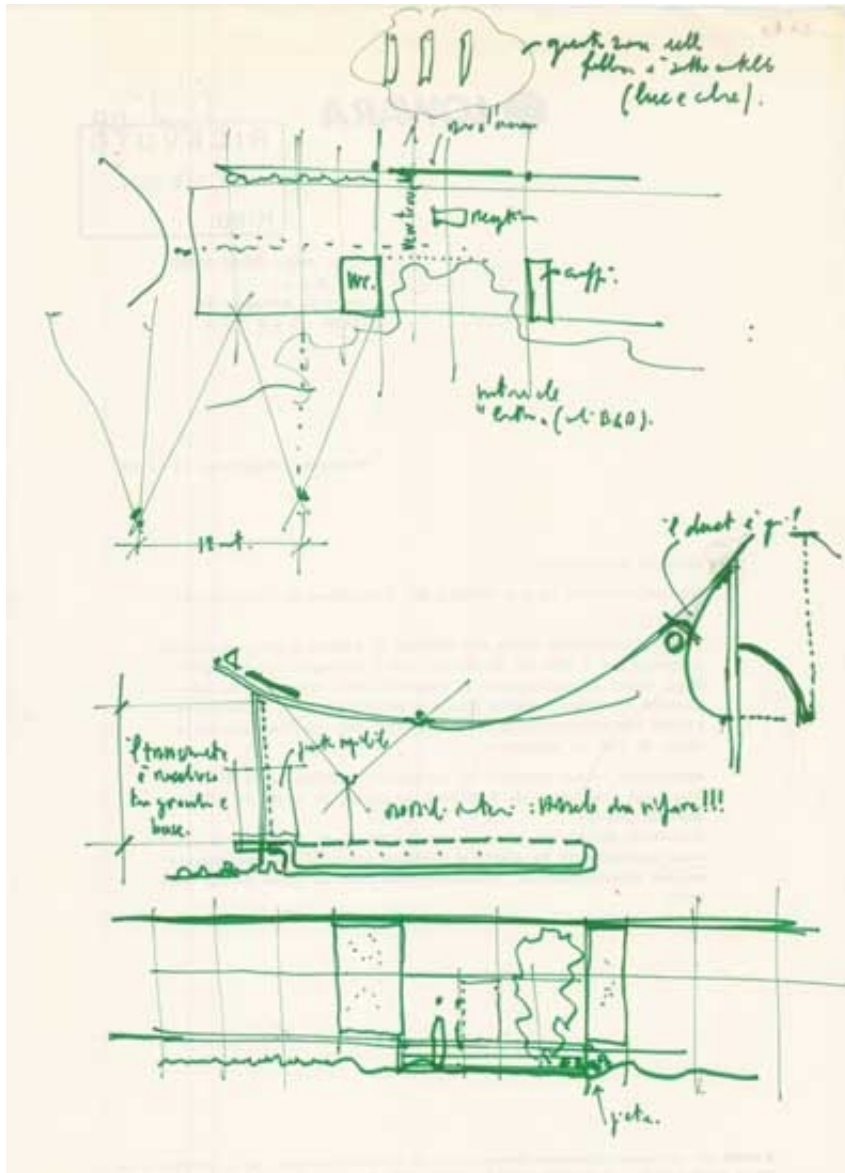
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Subject	-
Scale	-
Size	A4
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_005

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Author

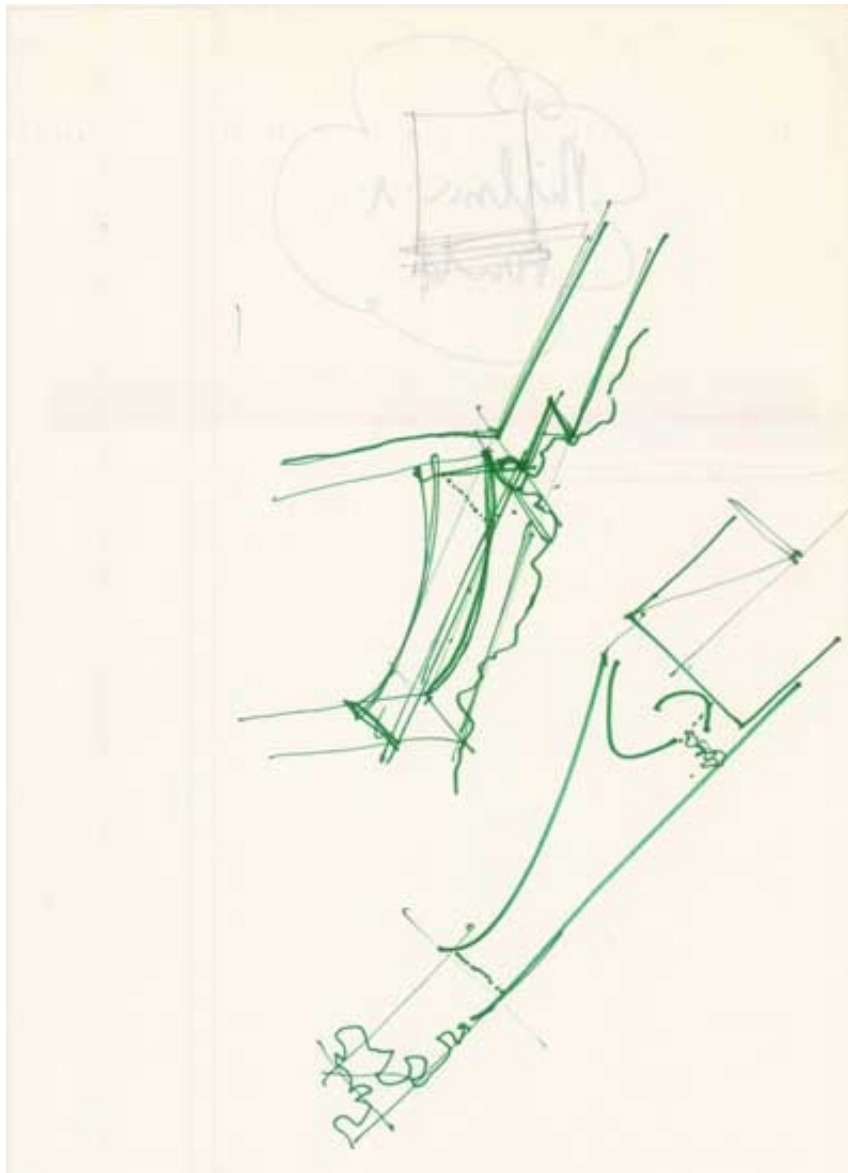
Renzo Piano

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Subject	-
Size	A4
Scale	-
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_004



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Author

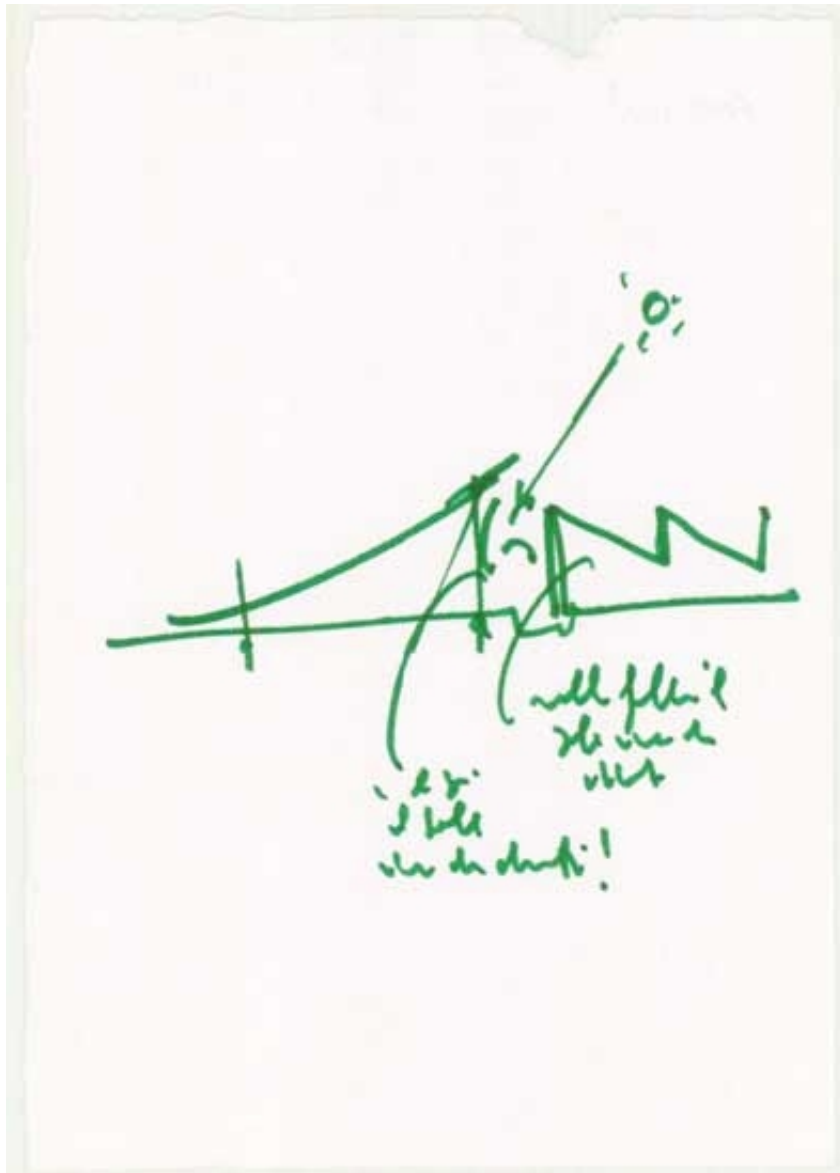
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Subject	-
Scale	-
Size	10,50 x 15 cm
Date	1984 - 1985
Drawing number	-
Drawing code	LOW-rp_002

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Author

Renzo Piano

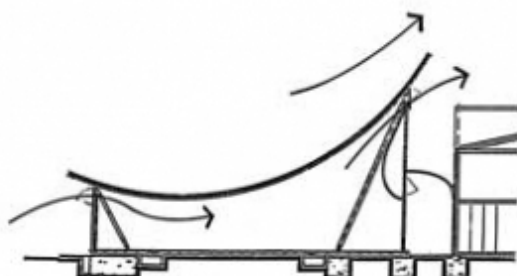
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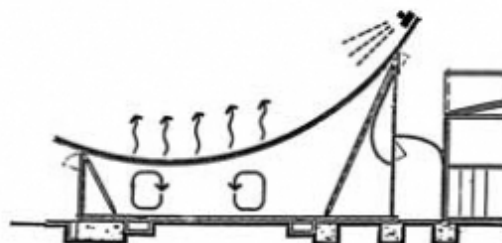
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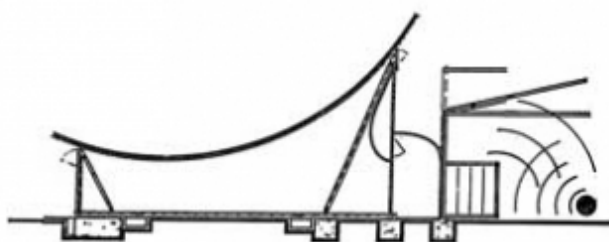
( A ) - VENTILAZIONE NATURALE ( estate )

La conformazione dello spazio interno e l'azione del vento sulla copertura consentono il ricambio naturale dell'aria per convezione.



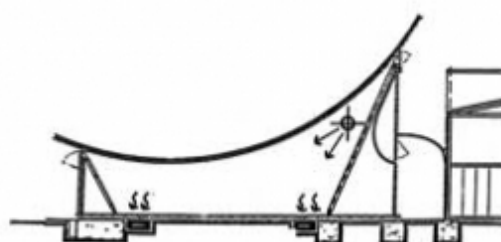
( B ) - SISTEMA DI INNAFFIATURA DELLA COPERTURA

Un sistema di pompe spruzza d'acqua la copertura. L'evaporazione dovuta al contatto con la superficie calda del tetto provoca un abbassamento della temperatura interna.



( C ) - ISOLAMENTO ACUSTICO

La zona di servizi tra gli uffici e la fabbrica costituisce una efficace barriera acustica.

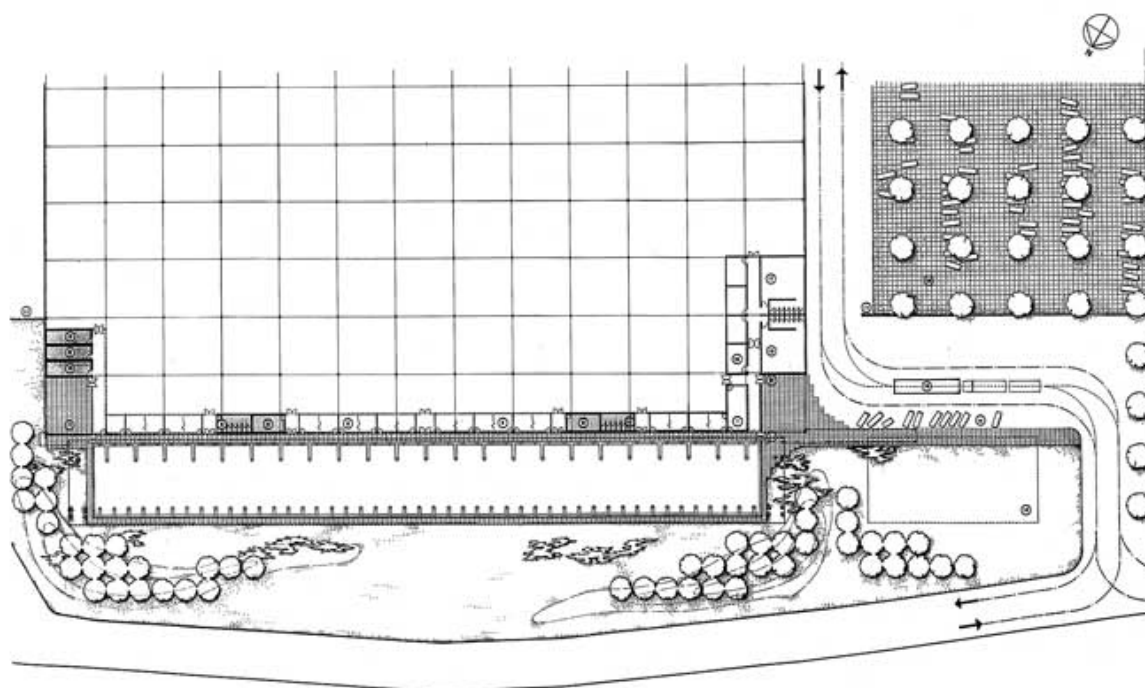


( D ) - IMPIANTO DI RISCALDAMENTO ( inverno )

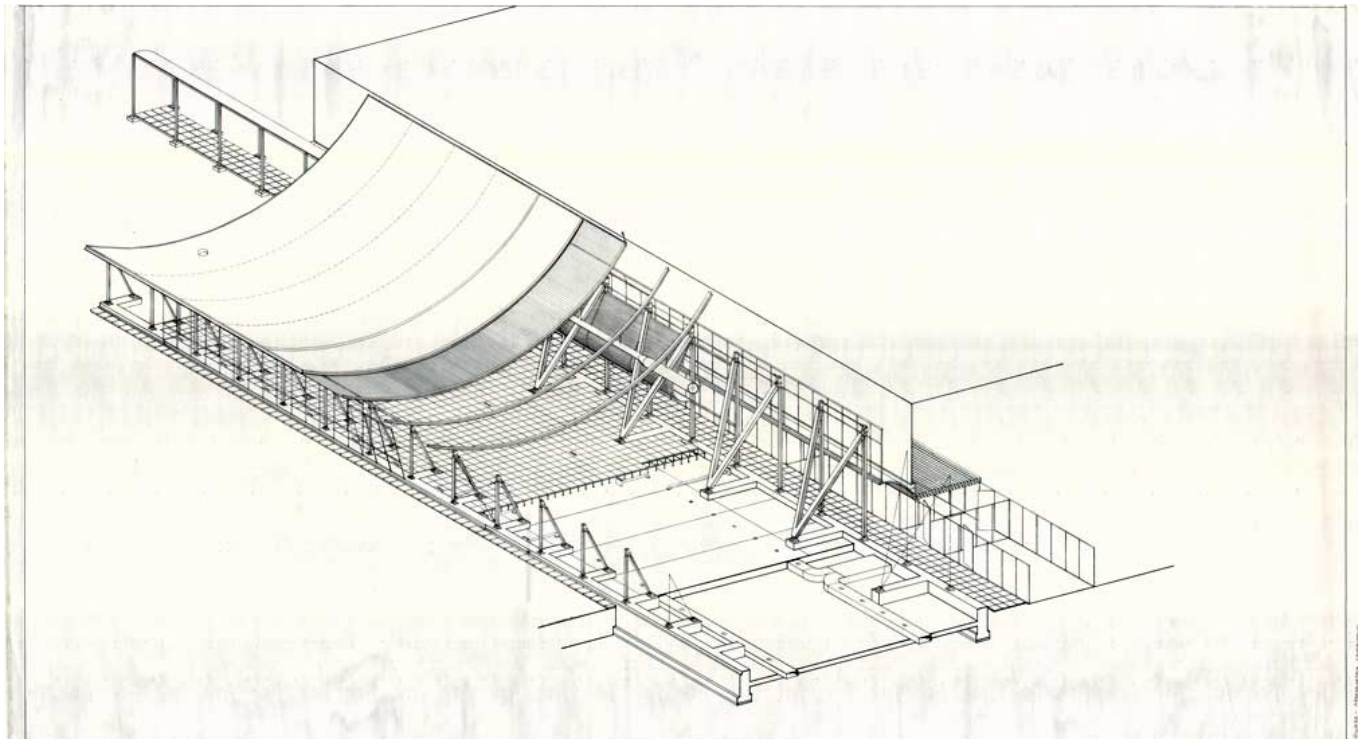
La conformazione del volume interno consente la mandata di aria calda in un unico punto con la ripresa a pavimento ottenendo una riduzione della stratificazione di aria calda.

## FUNZIONAMENTO AMBIENTALE

Title	Funzionamento ambientale
Scale	-
Date	1984 - 1985
Drawing number	-
Drawing code	LOW_E_063
Author	Renzo Piano architetto - B.W. Building Workshop
Copyright	Fondazione Renzo Piano

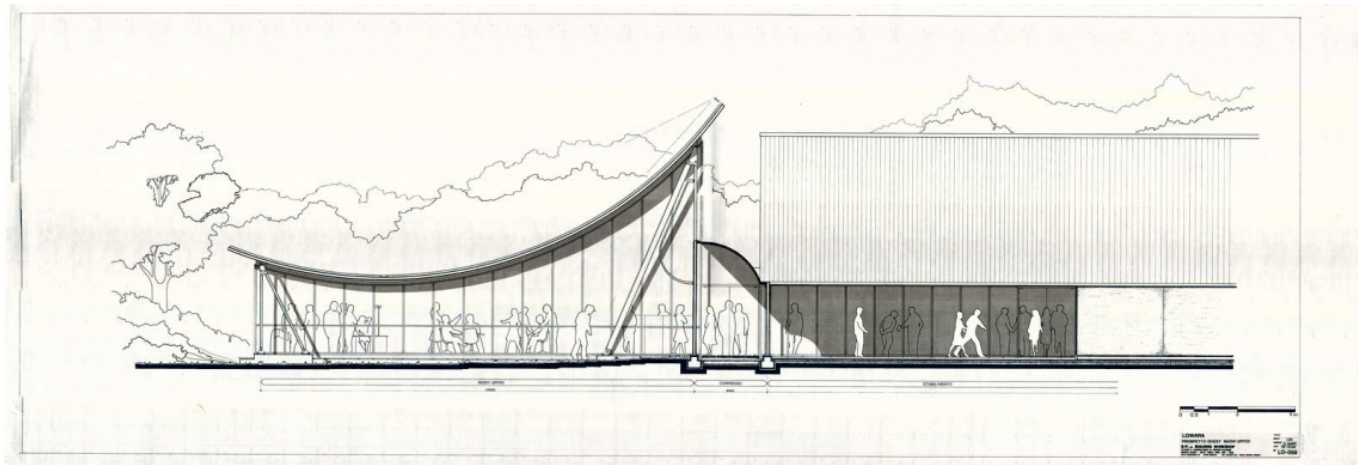


Title	-
Scale	-
Date	1984 - 1985
Drawing number	-
Drawing code	LOW_E_062
Author	Renzo Piano architetto - B.W. Building Workshop
Copyright	Fondazione Renzo Piano

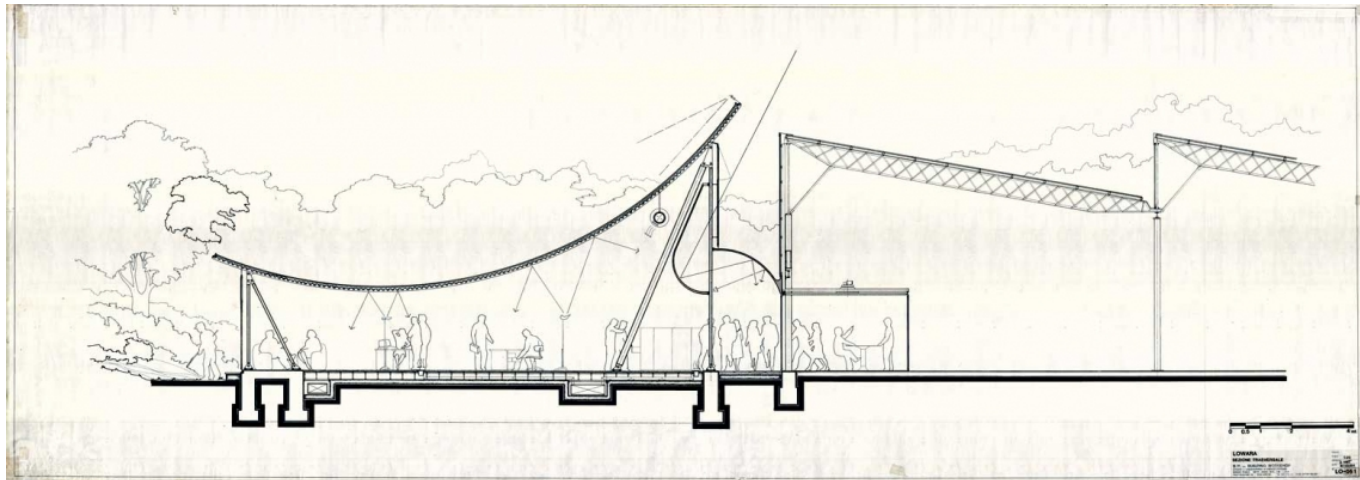


Title	Assonometria-costruttivo
Scale	-
Size	170 x 95 cm
Date	(1985/11)
Drawing number	-
Drawing code	LOW_E_057
Author	Renzo Piano architetto - B.W. Building Workshop
Copyright	Fondazione Renzo Piano

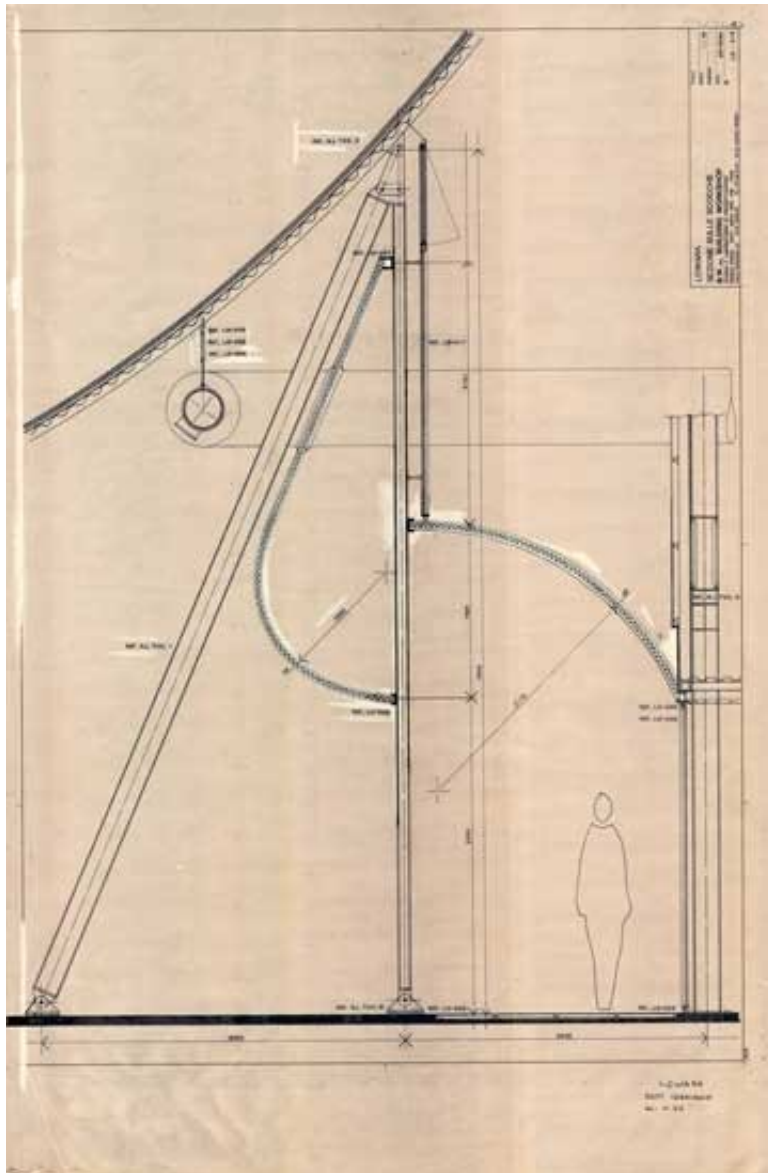




Title	Prospetto Ovest nuovi uffici
Scale	1/20
Size	239,20 x 84 cm
Date	1984/10/10
Drawing number	LO-058
Drawing code	LOW_E_018
Author	Donald Hart/Renzo Piano architetto - B.W. Building Workshop
Copyright	Fondazione Renzo Piano



Title	Sezione trasversale
Scale	1/20
Size	224,20 x 80 cm
Date	1984/10/09
Drawing number	LO-051
Drawing code	LOW_E_015
Author	Donald Hart/Renzo Piano architetto - B.W. Building Workshop
Copyright	Fondazione Renzo Piano



Title	Sezione sulle scocche
Scale	1/10
Size	63 x 96,08 cm
Date	1984/10/20
Drawing number	LO-016A
Drawing code	LOW_E_006



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Author	Renzo Piano architetto - B.W. Building Workshop
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