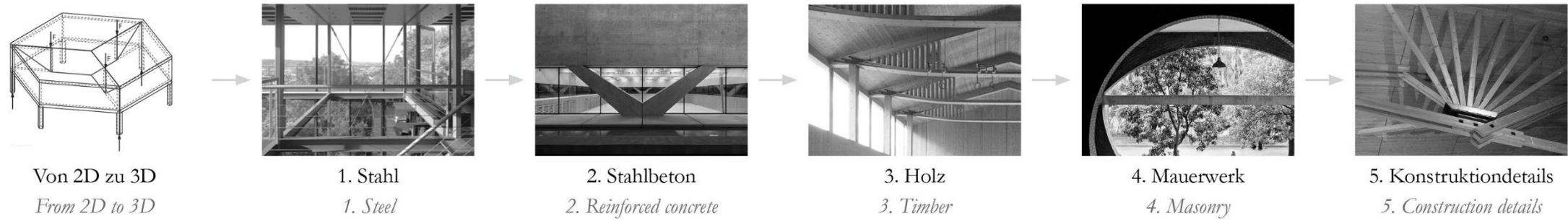


# Tragwerksentwurf IV

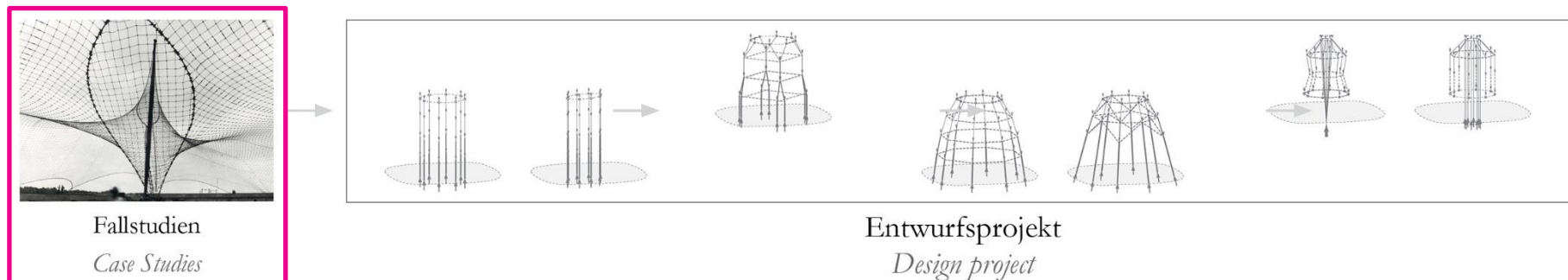
## *Structural Design IV*

Prof. Philippe Block



Tragwerksentwurf III  
*Structural Design III*

Tragwerksentwurf IV  
*Structural Design IV*



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- >> Expo Pavillion von Portugal
- D.S. Ingalls Hockey Stadium
- Tokyo National Gymnasium
- Postautostation Chur
- Verteilszentrum Renault
- Kirche de Atlantida
- Cinema San Pietro
- Stabilimento per la lavorazione del marmo
- Kirche „la Milagrosa“
- Pferderennbahn La Zarzuela
- Olympiastadion München



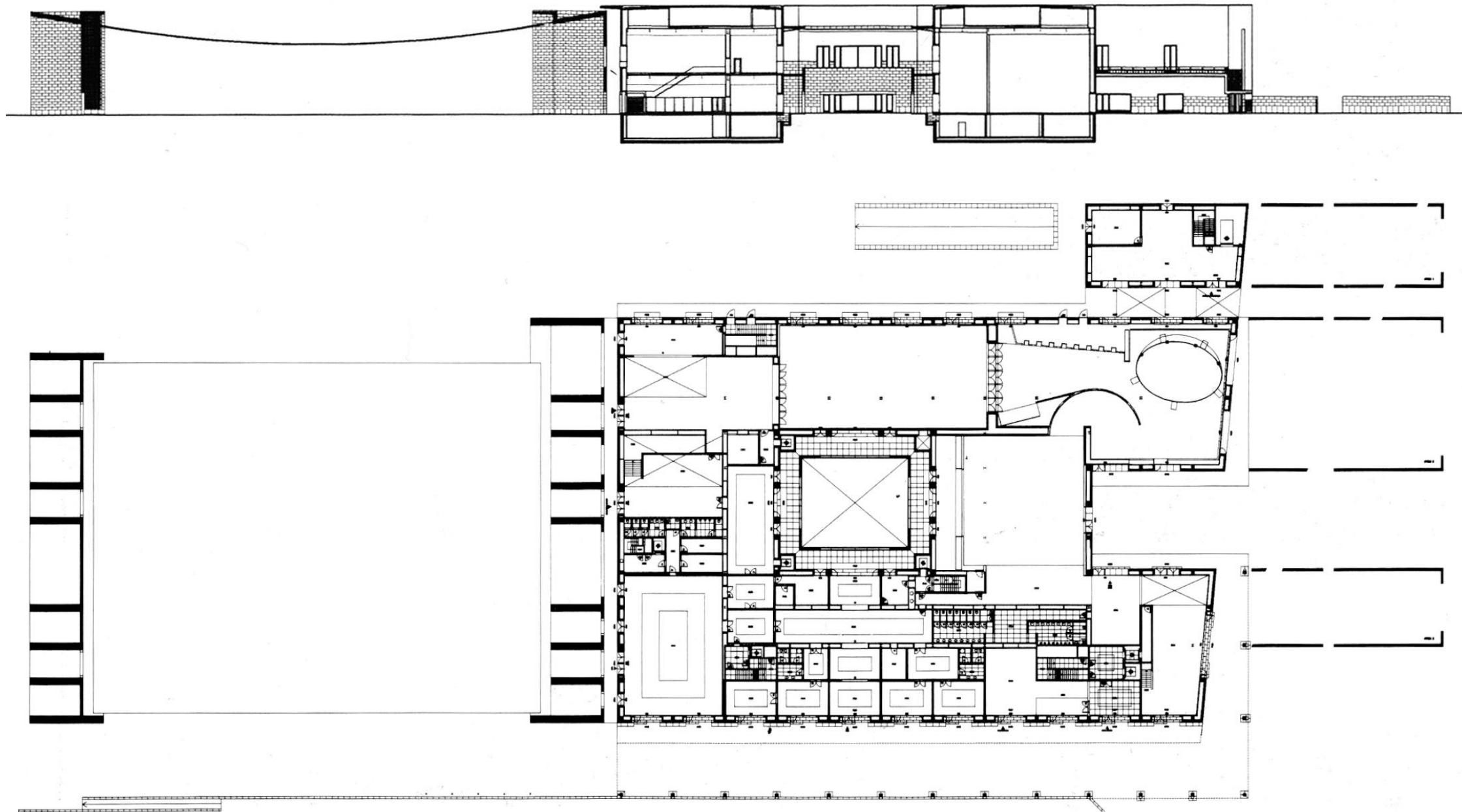
Alvaro Siza, Cecil Balmond: Expo Pavillion von Portugal, Lissabon, 1998





Alvaro Siza, Cecil Balmond: Expo Pavillion von Portugal, Lissabon, 1998

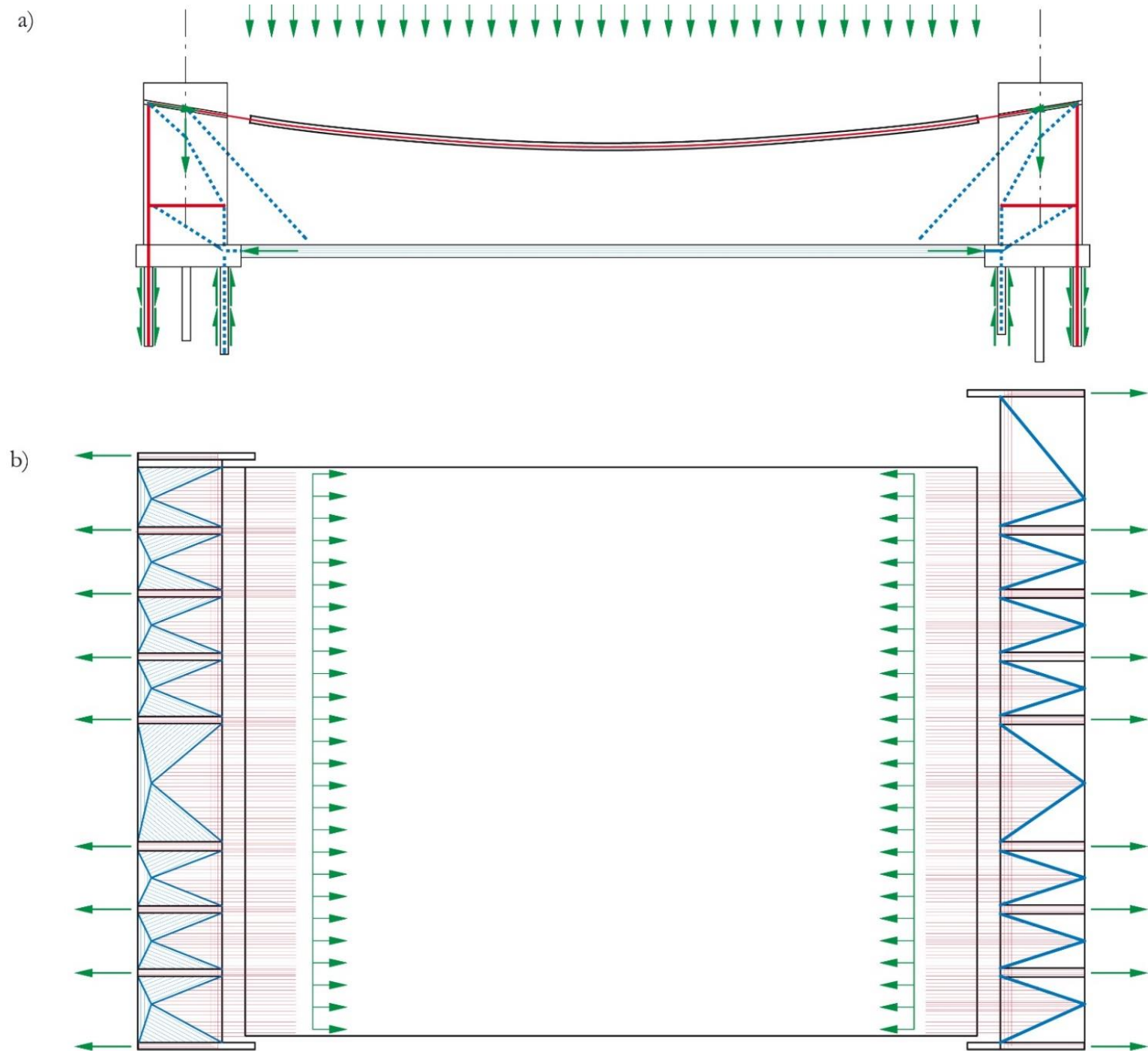




Alvaro Siza, Cecil Balmond: Expo Pavillion von Portugal, Lissabon, 1998



Alvaro Siza, Cecil Balmond: Expo Pavillion von Portugal, Lissabon, 1998



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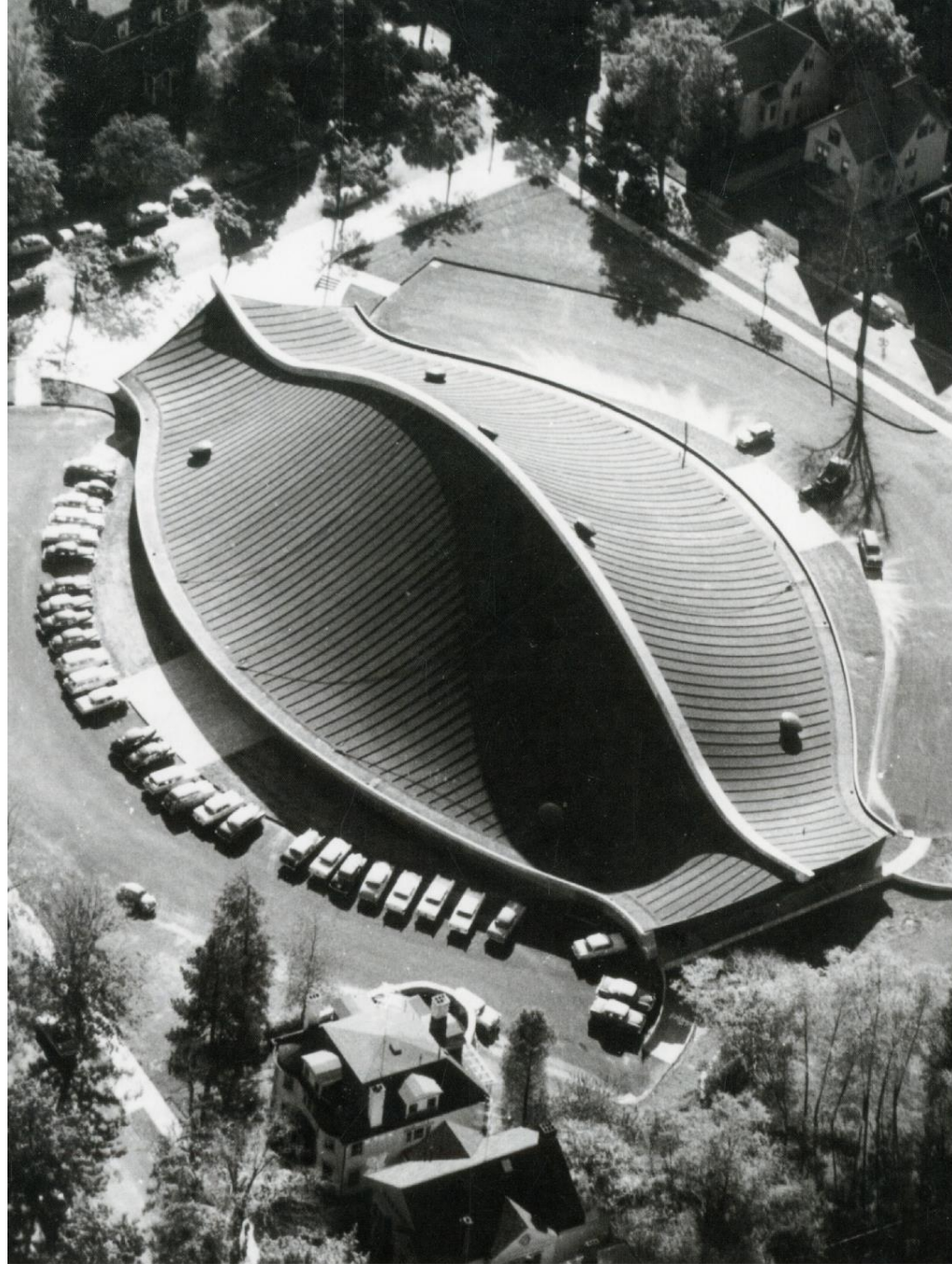
Stabilimento per la lavorazione del marmo

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Olympiastadion München

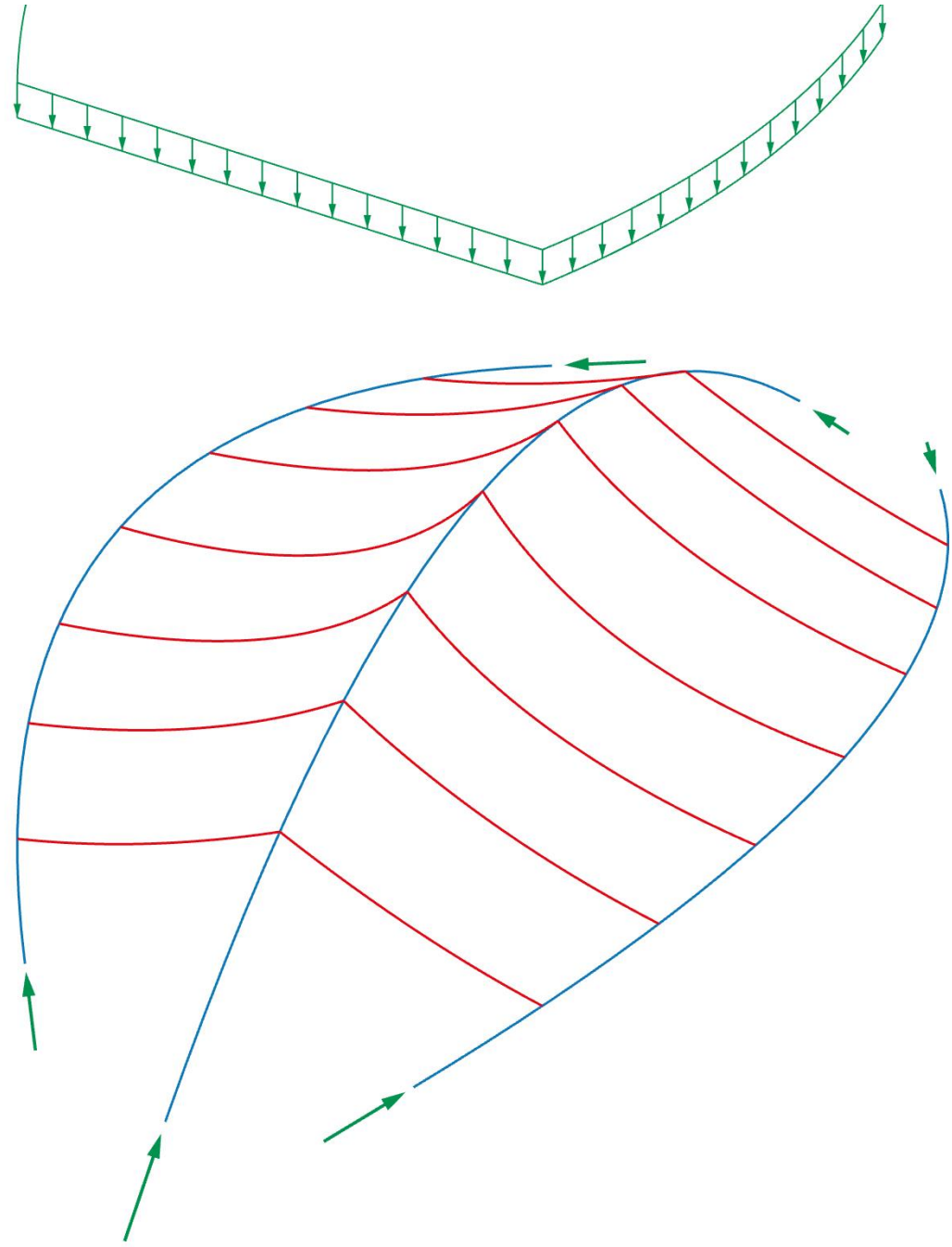




Eero Saarinen: D.S. Ingalls Hockey Stadium, New Haven, 1958

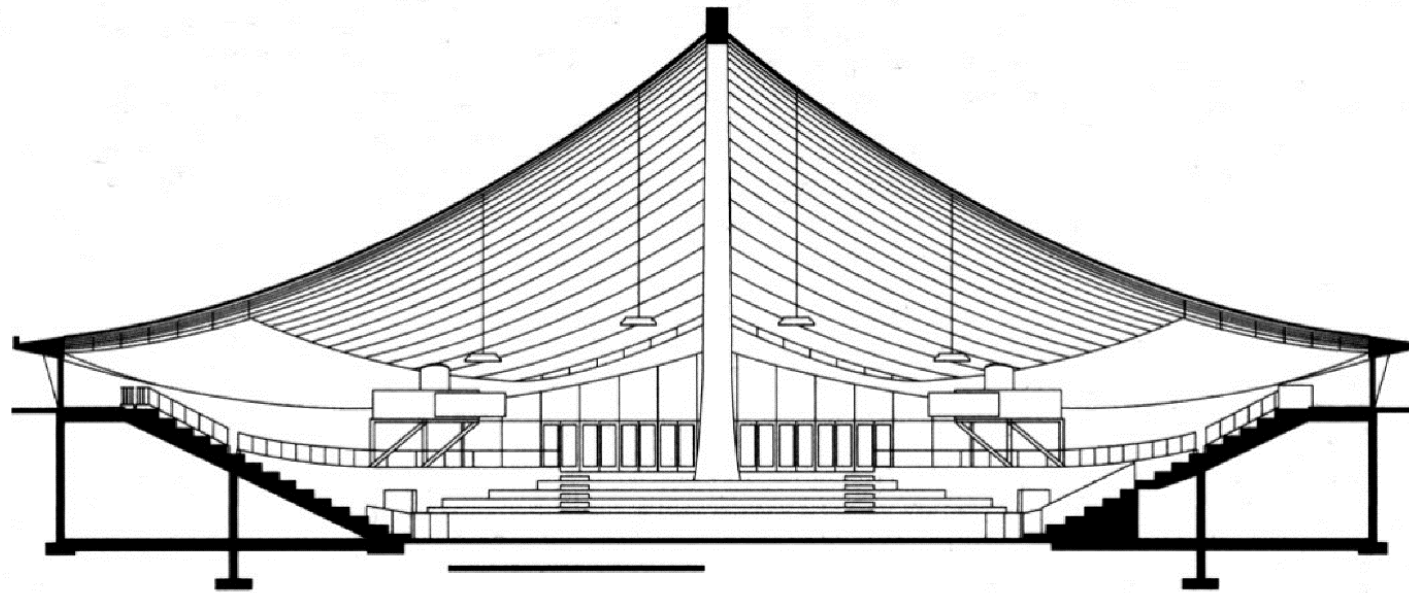


Eero Saarinen: D.S. Ingalls Hockey Stadium, New Haven, 1958

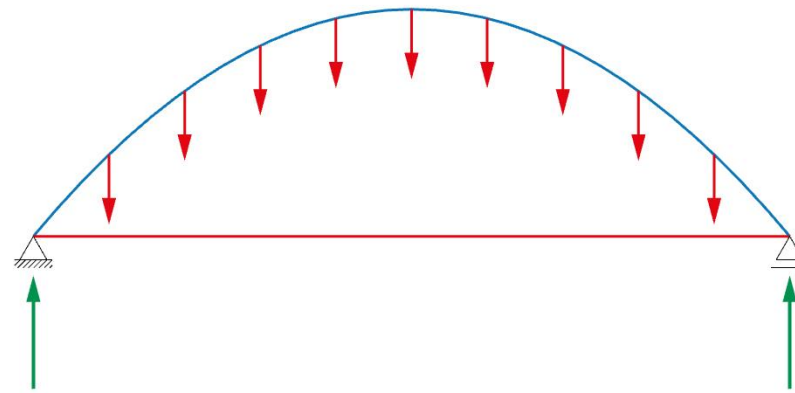
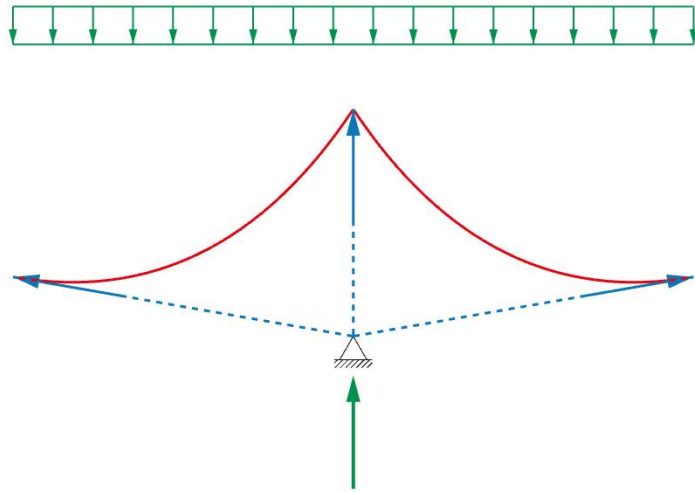


Eero Saarinen: D.S. Ingalls Hockey Stadium, New Haven, 1958

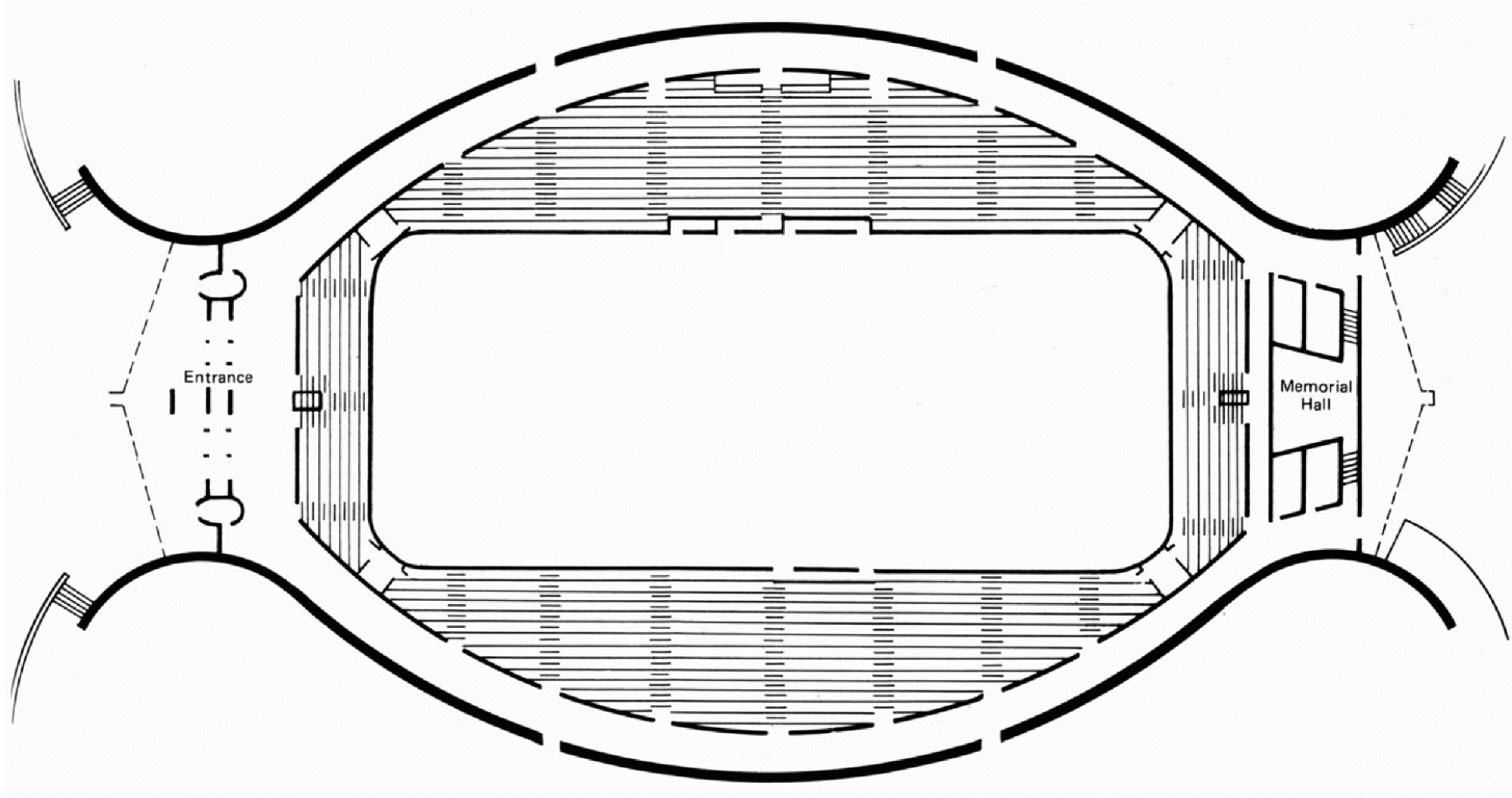




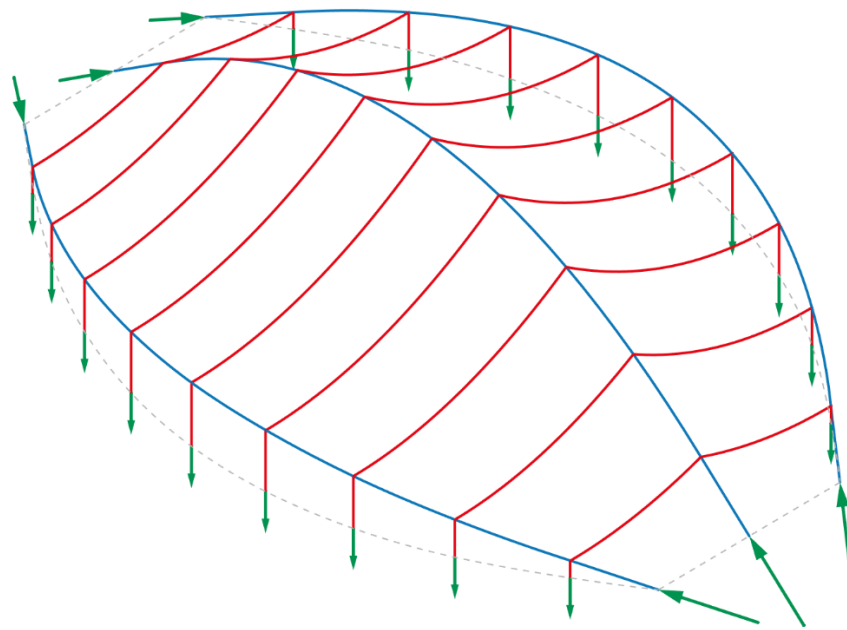
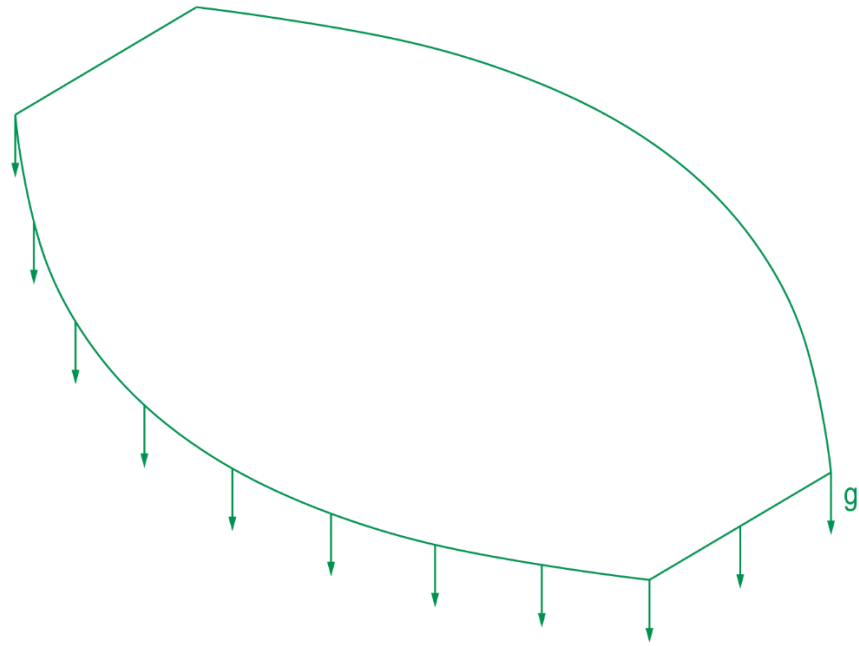
Eero Saarinen: D.S. Ingalls Hockey Stadium, New Haven, 1958







Eero Saarinen: D.S. Ingalls Hockey Stadium, New Haven, 1958



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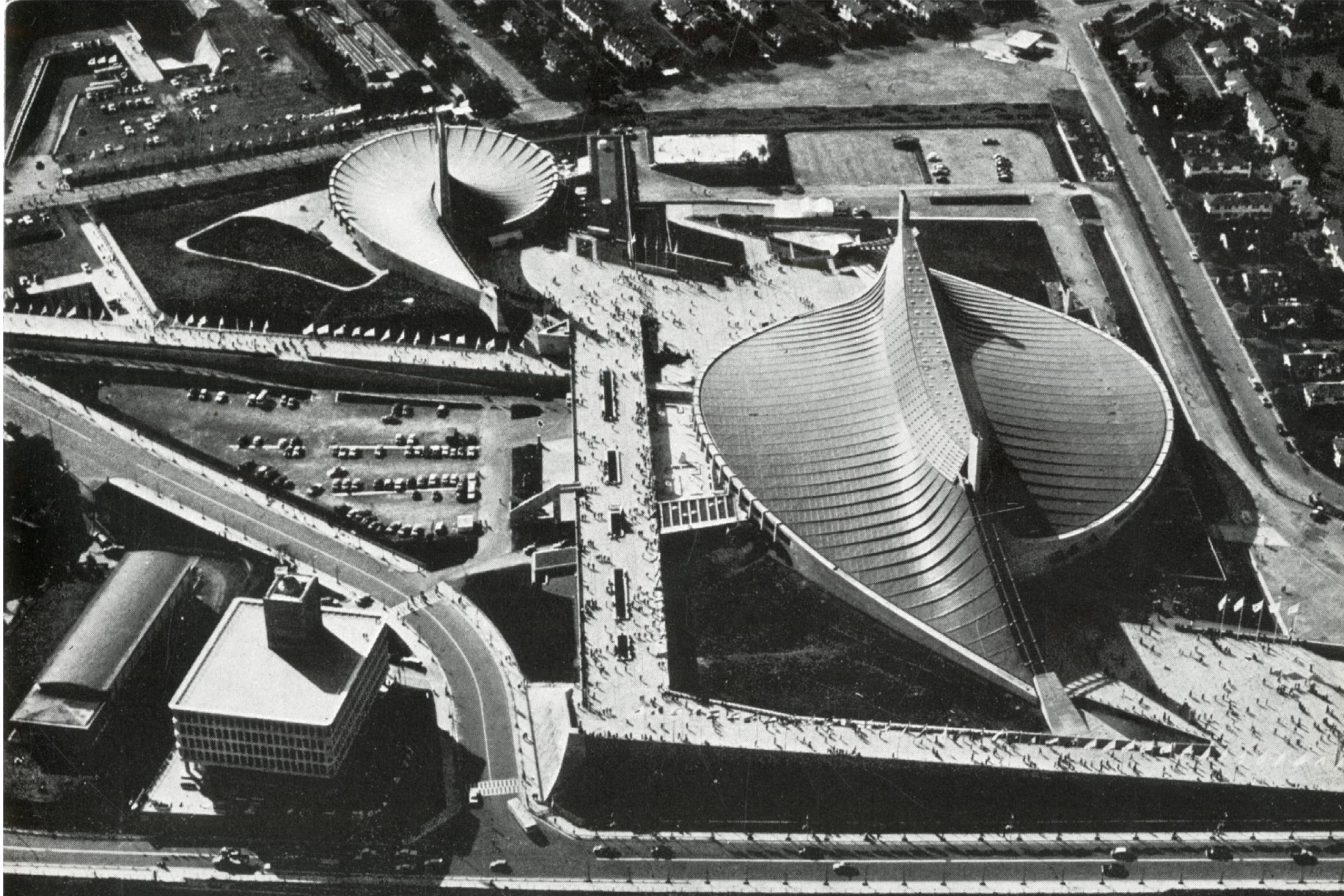
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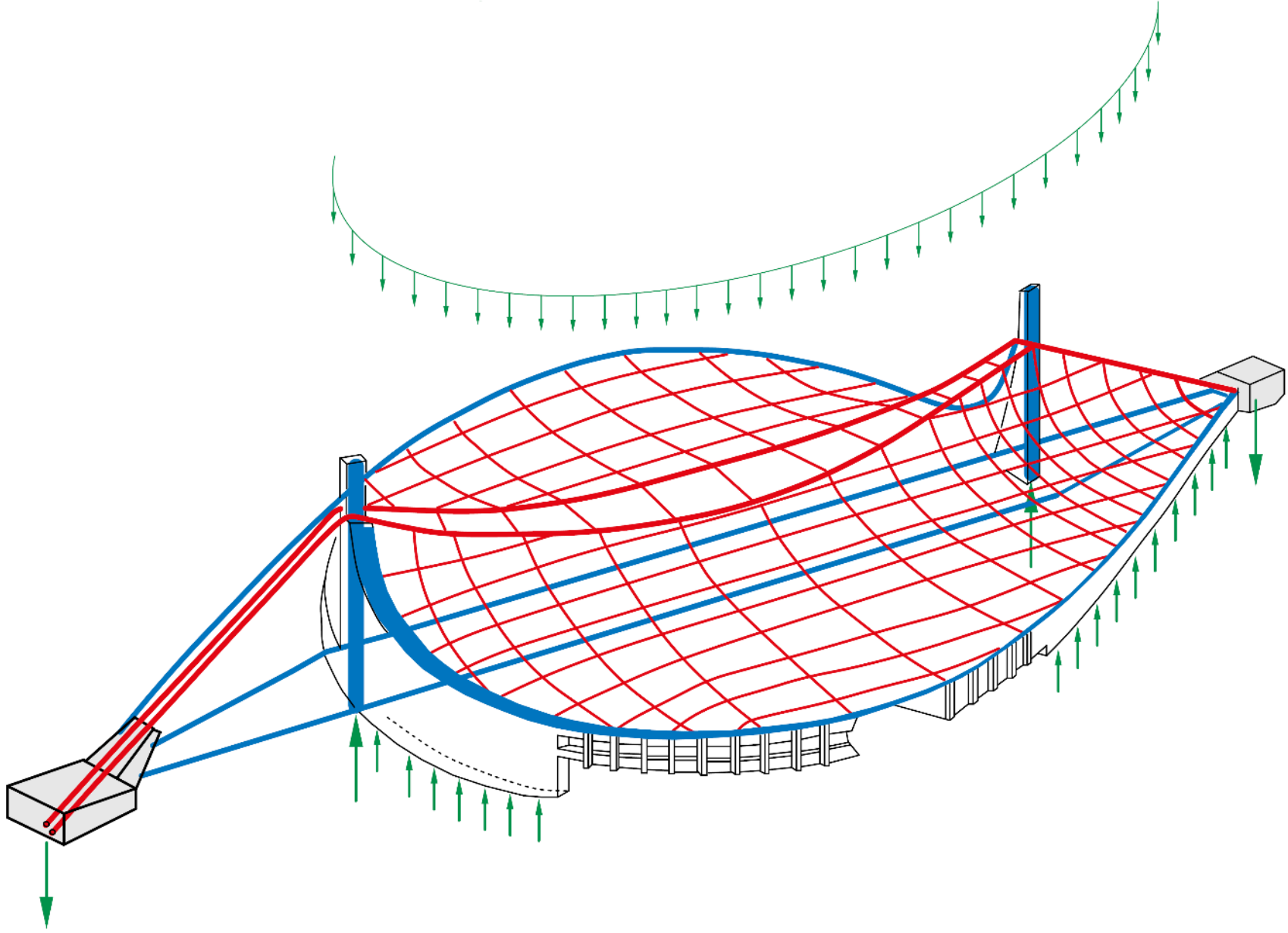
Kenzo Tange, Mamoru Kawaguchi: National Gymnasium, Tokio, 1964



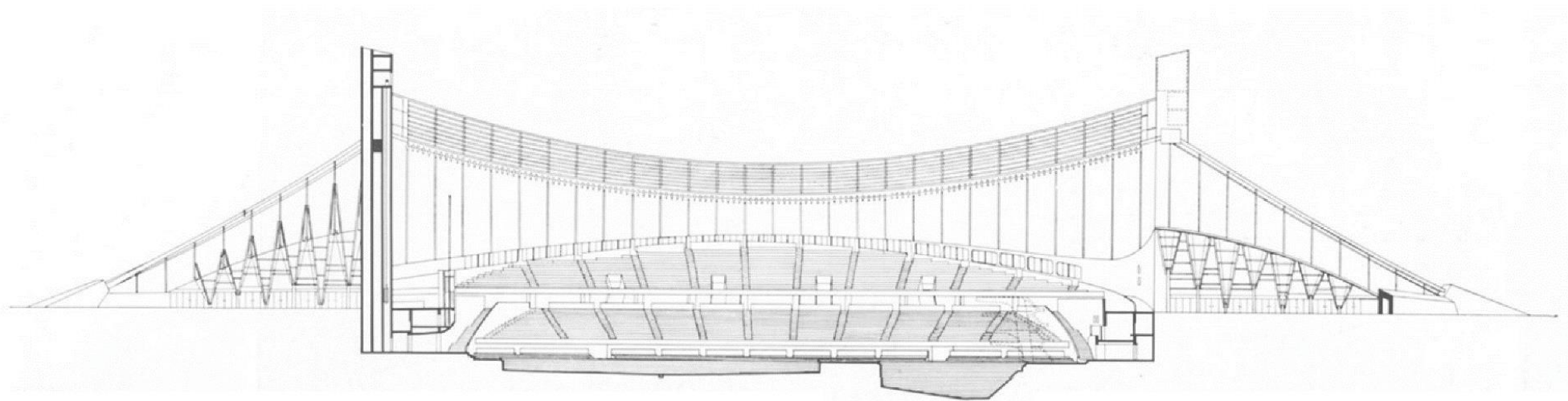


Kenzo Tange, Mamoru Kawaguchi: National Gymnasium, Tokio, 1964

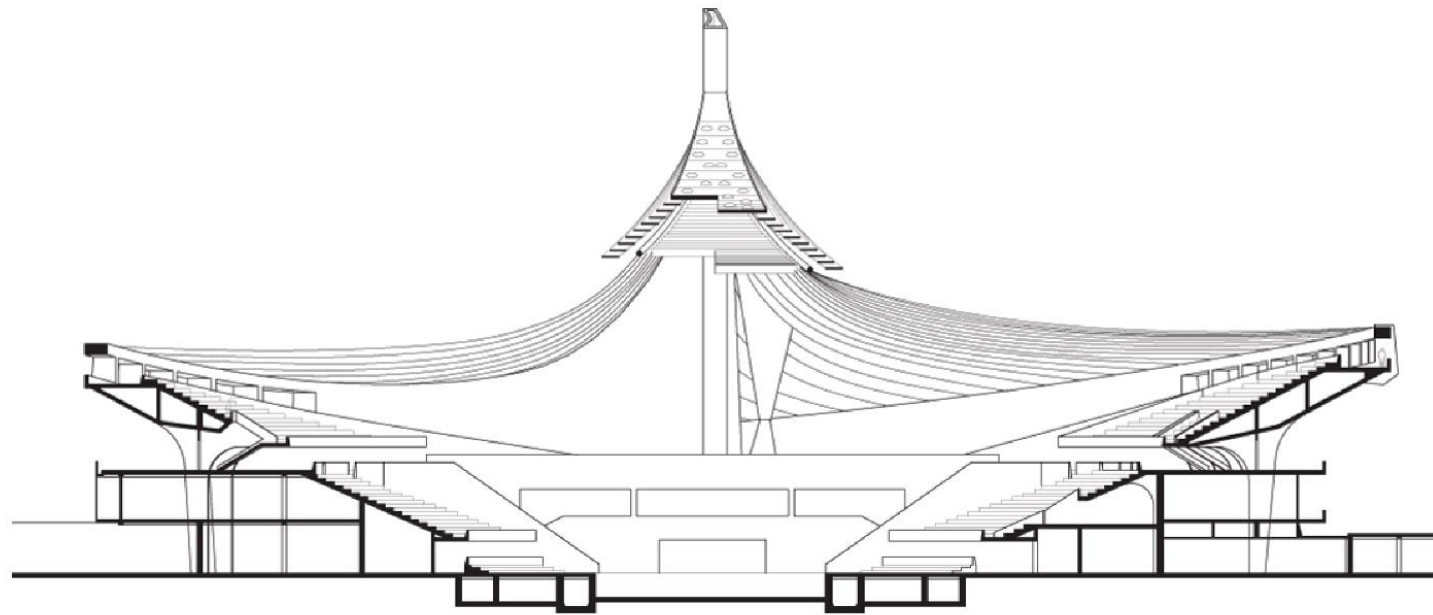




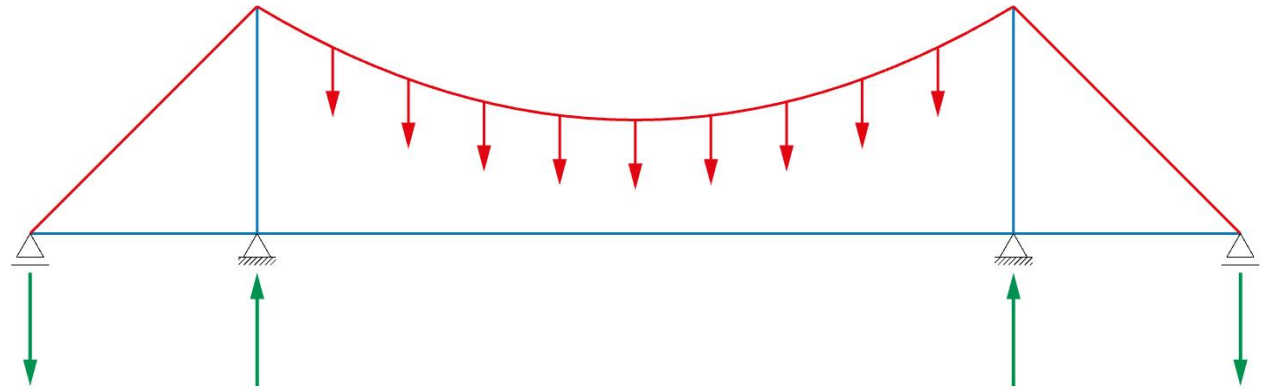
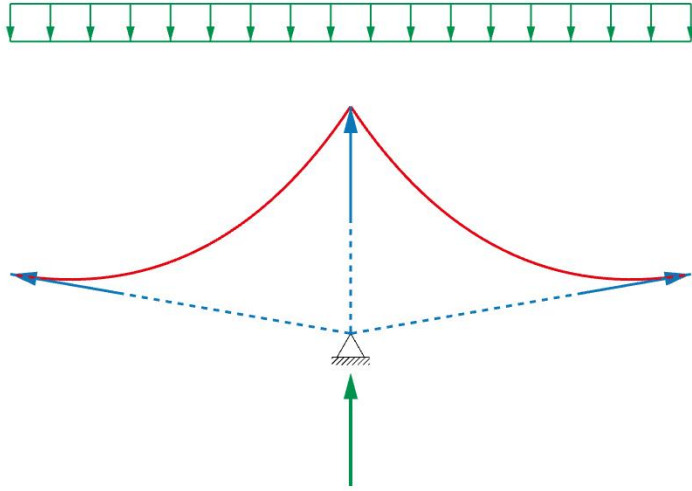
Kenzo Tange, Mamoru Kawaguchi: National Gymnasium, Tokio, 1964

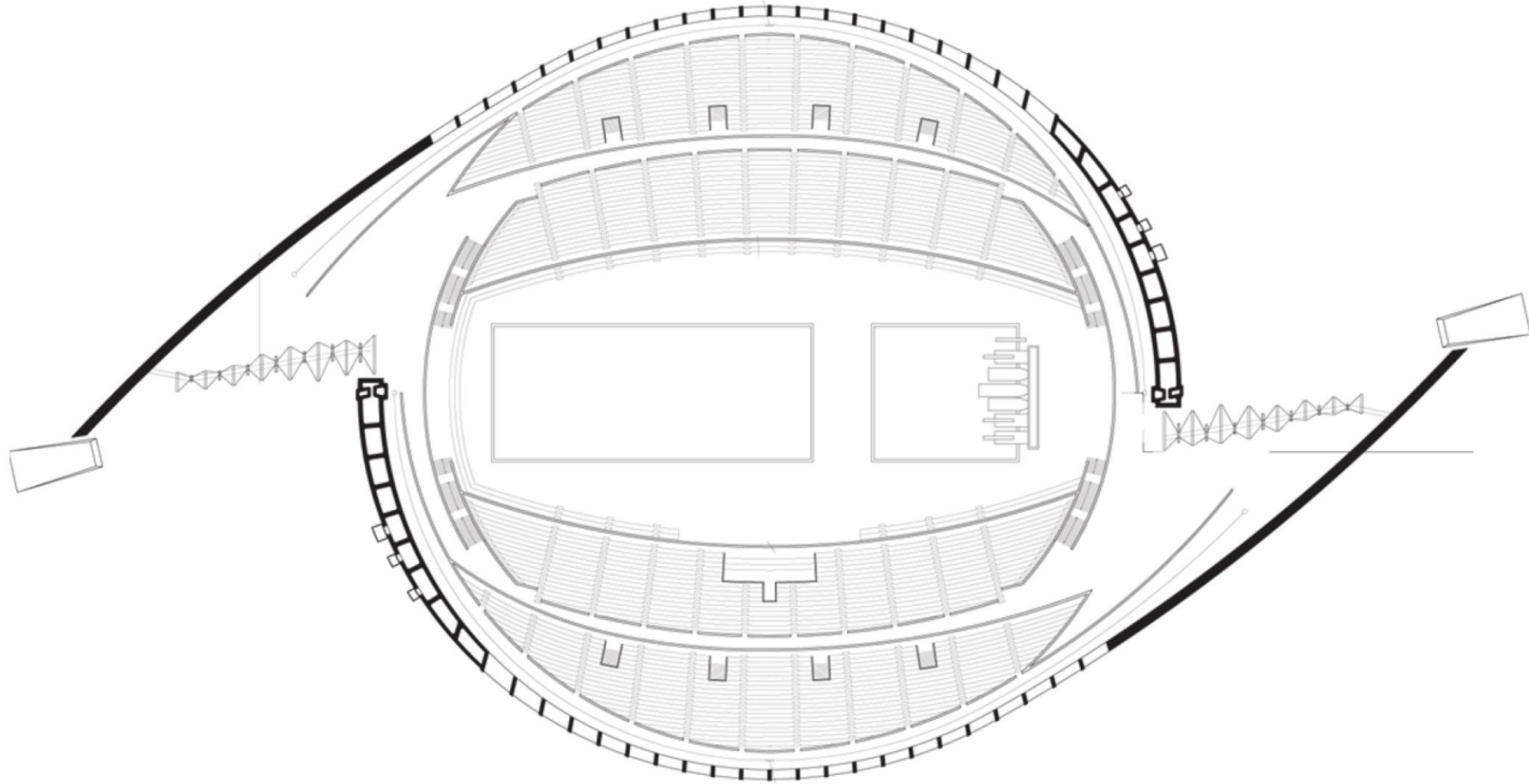


Kenzo Tange, Mamoru Kawaguchi: National Gymnasium, Tokio, 1964



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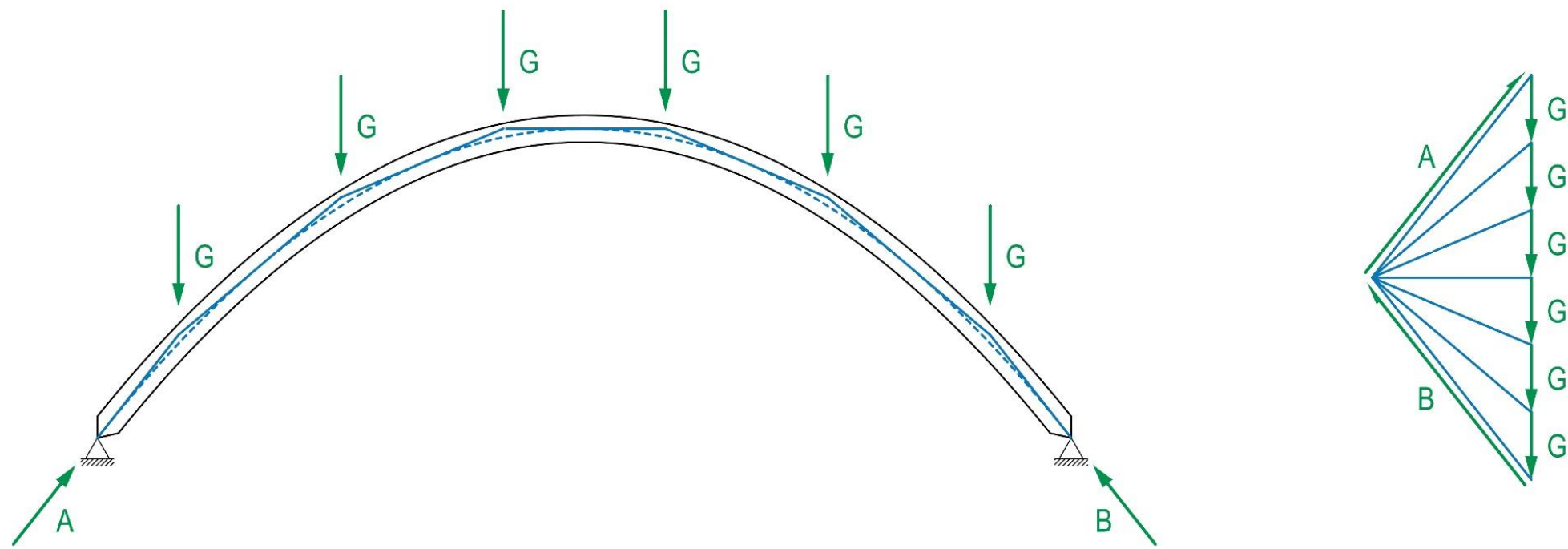
Olympiastadion München

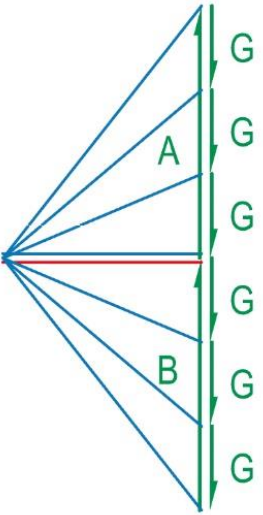
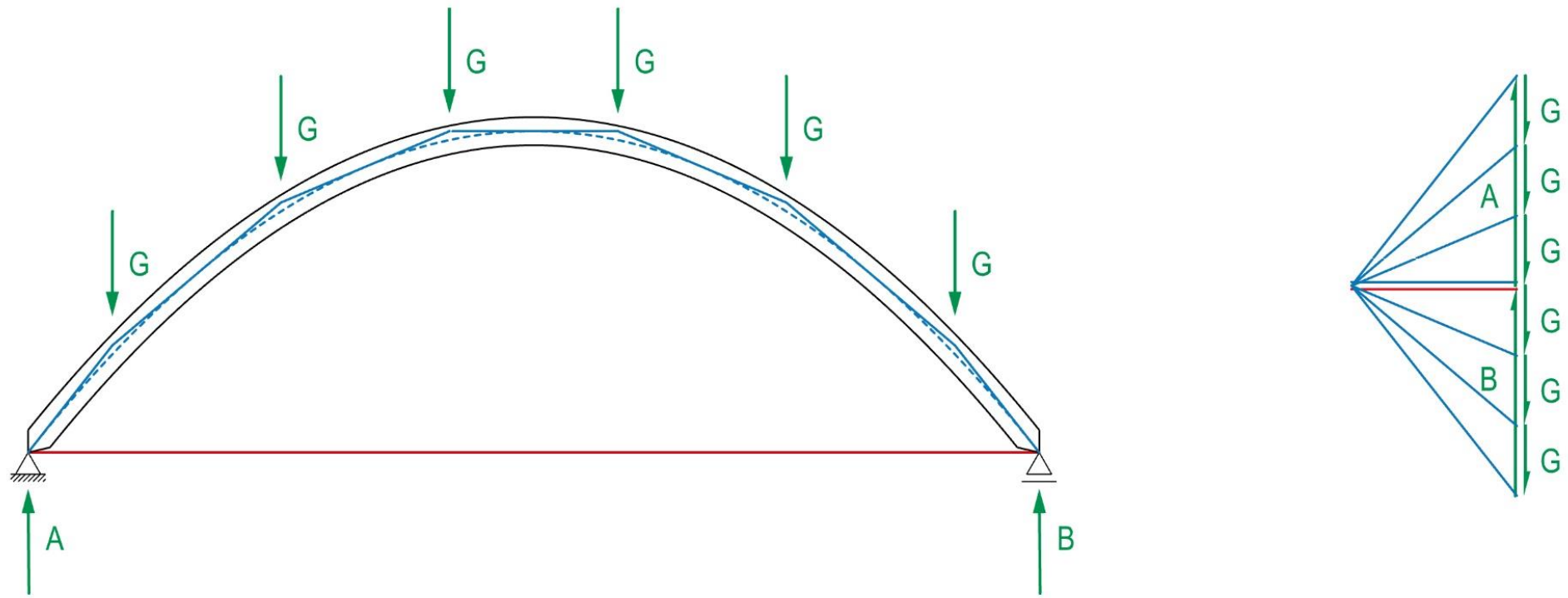


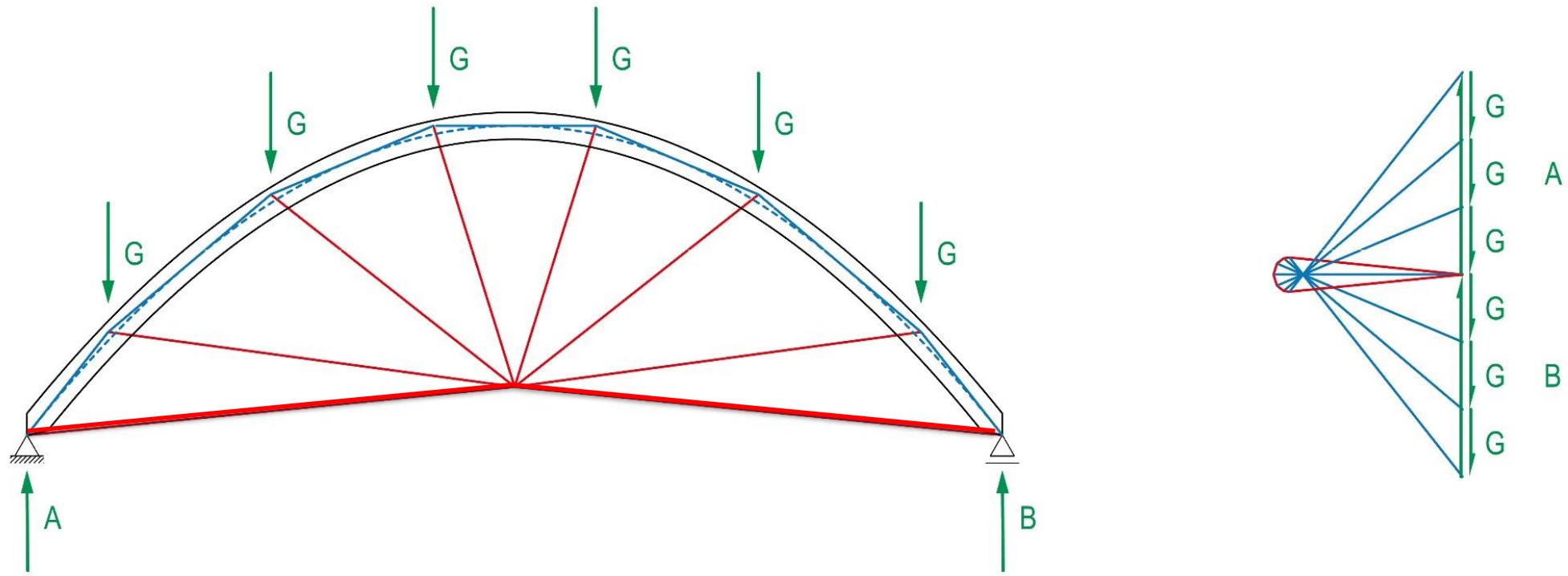


R. Brosi & Obrist and Partner, Peter Rice: Postautostation Chur, 1992

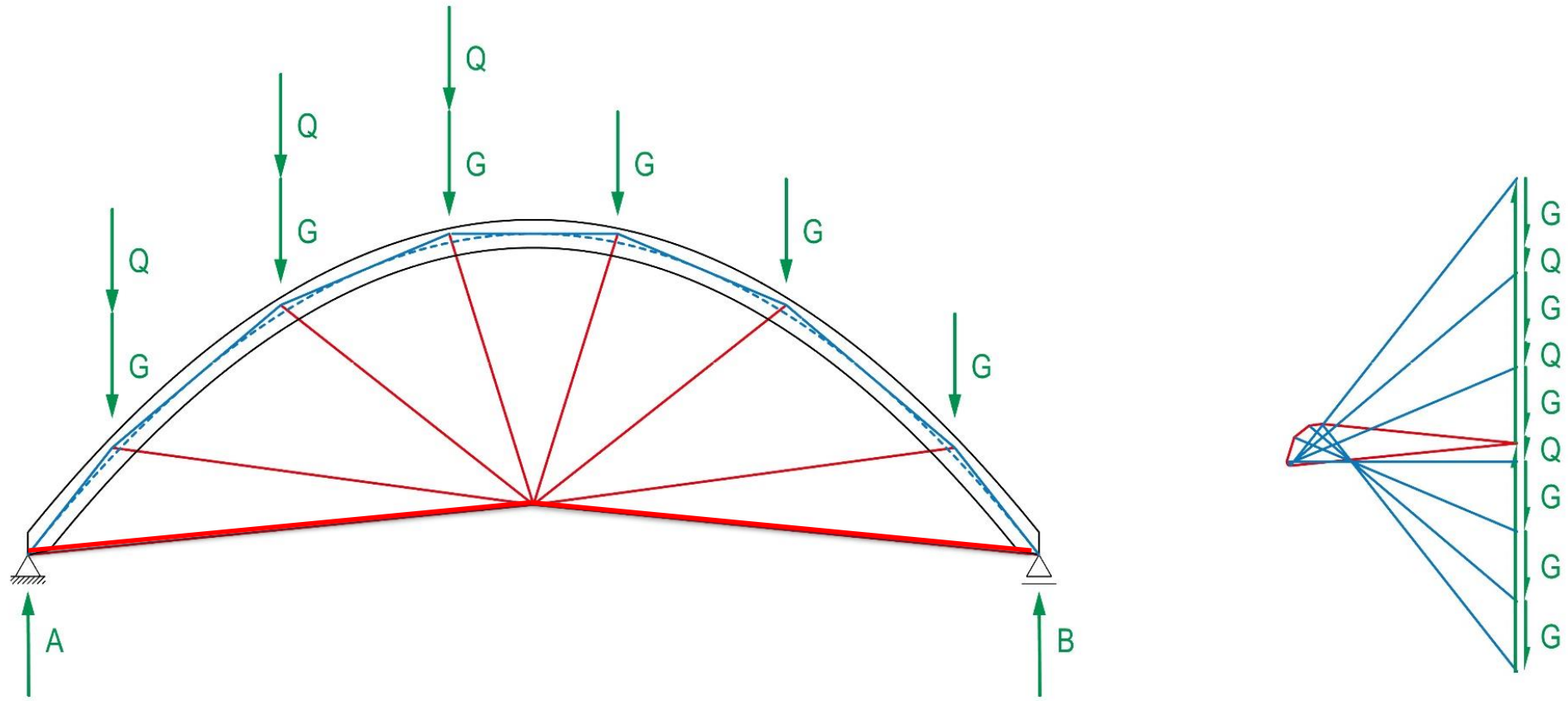






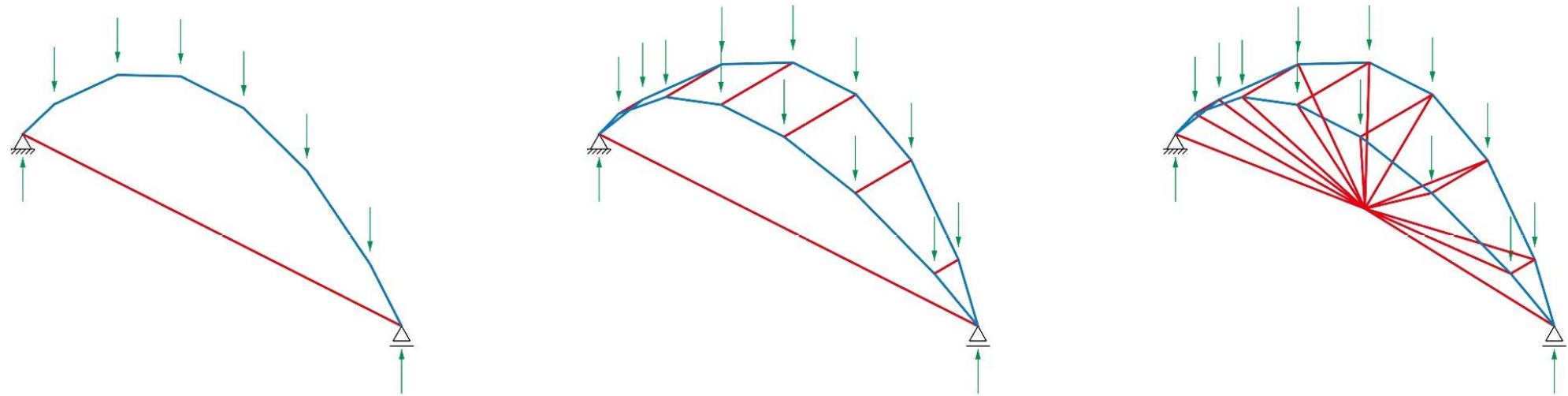


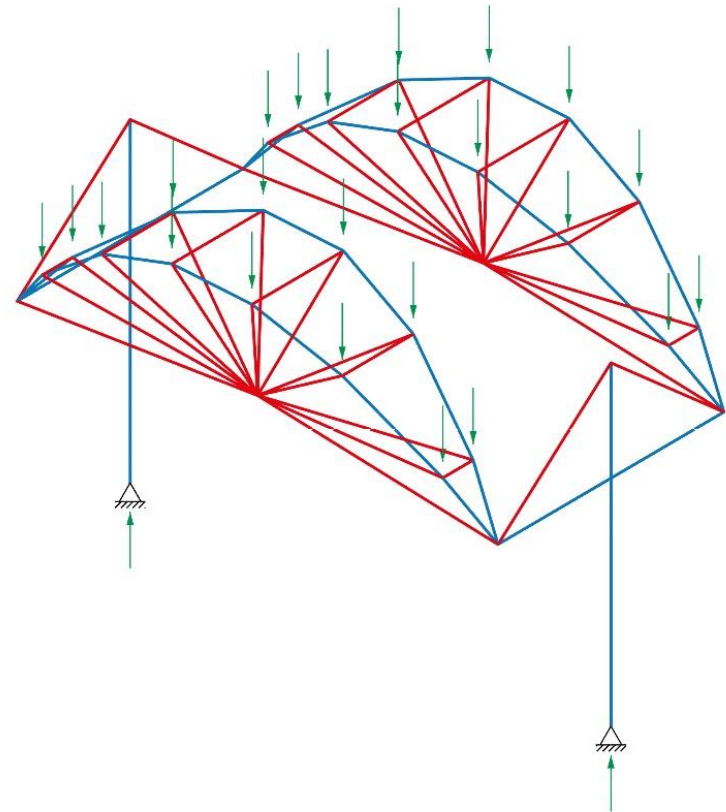
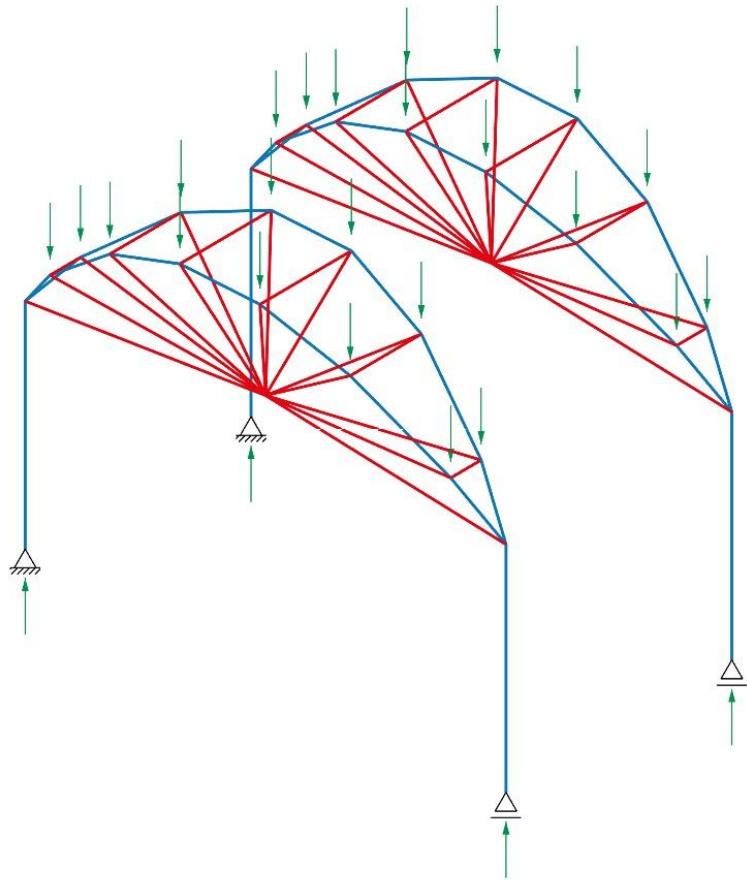
R. Brosi & Obrist and Partner, Peter Rice: Postautostation Chur, 1992



R. Brosi & Obrist and Partner, Peter Rice: Postautostation Chur, 1992





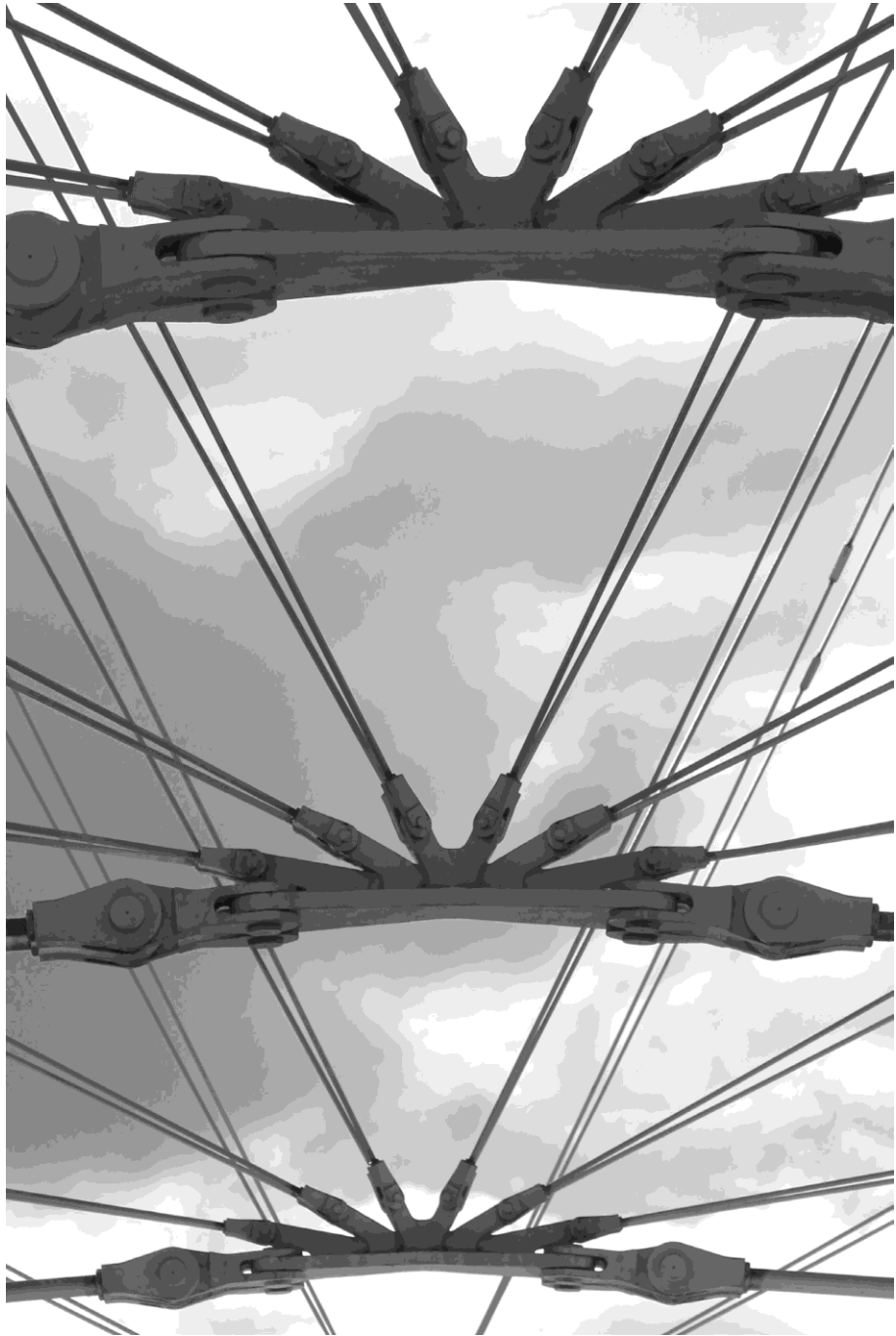






R. Brosi & Obrist and Partner, Peter Rice: Postautostation Chur, 1992





R. Brosi & Obrist and Partner, Peter Rice: Postautostation Chur, 1992



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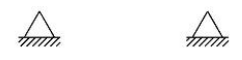
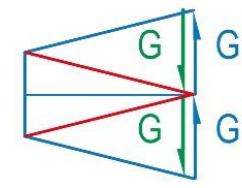
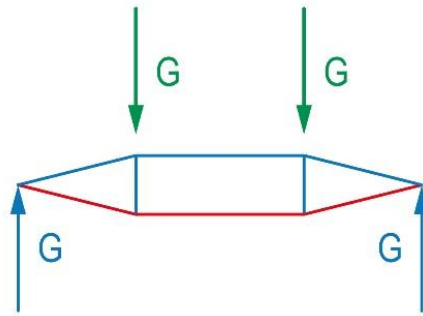
Kirche „la Milagrosa“

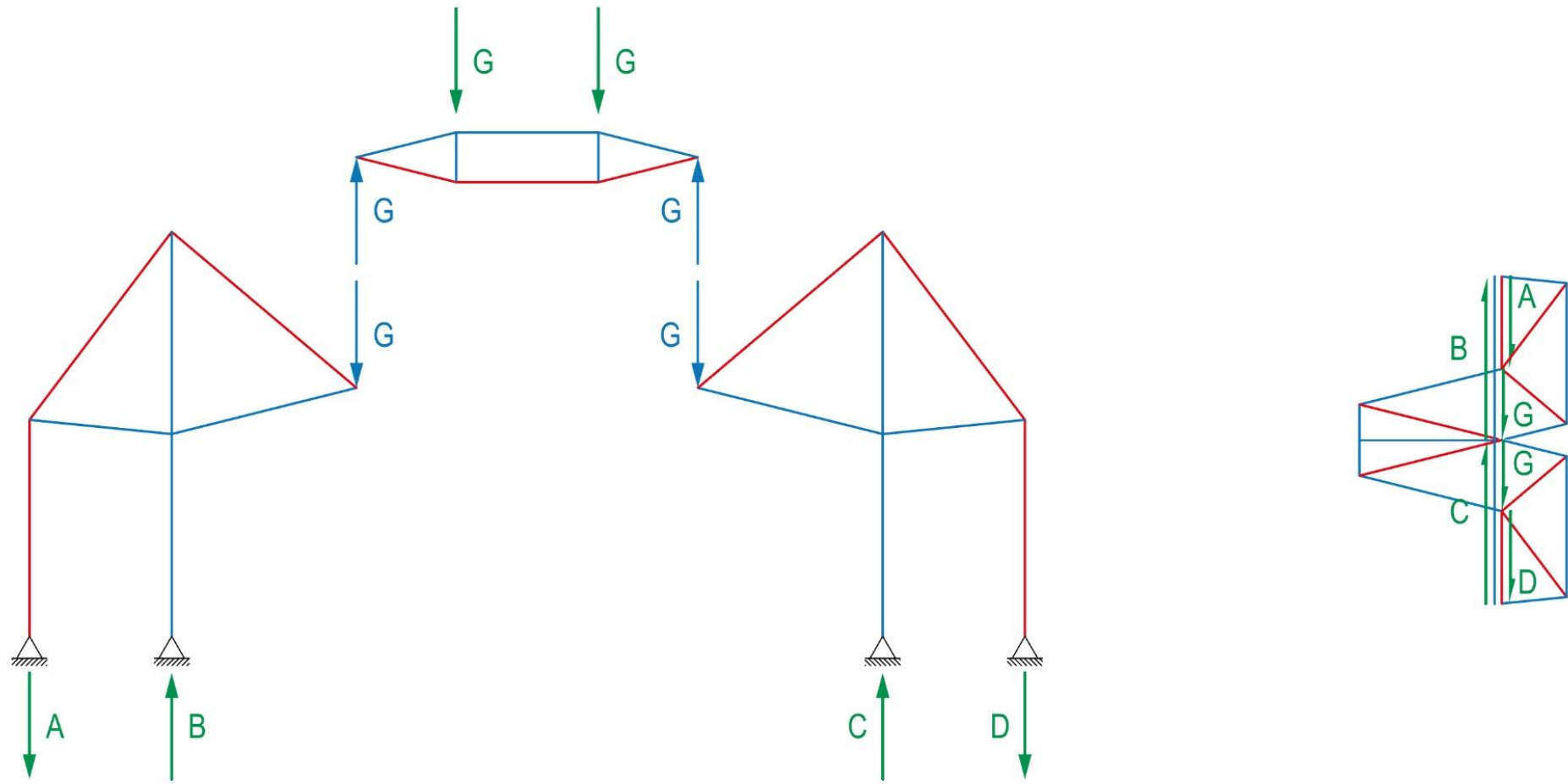
Pferderennbahn La Zarzuela

Olympiastadion München



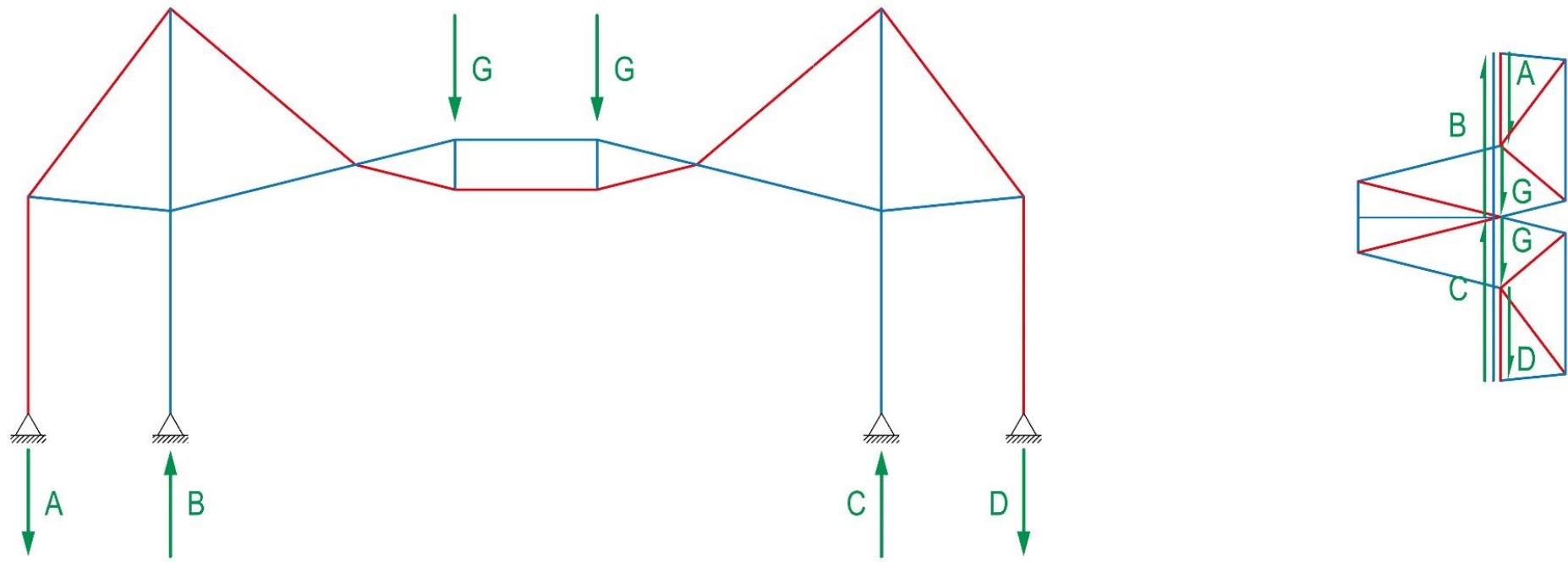
Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982



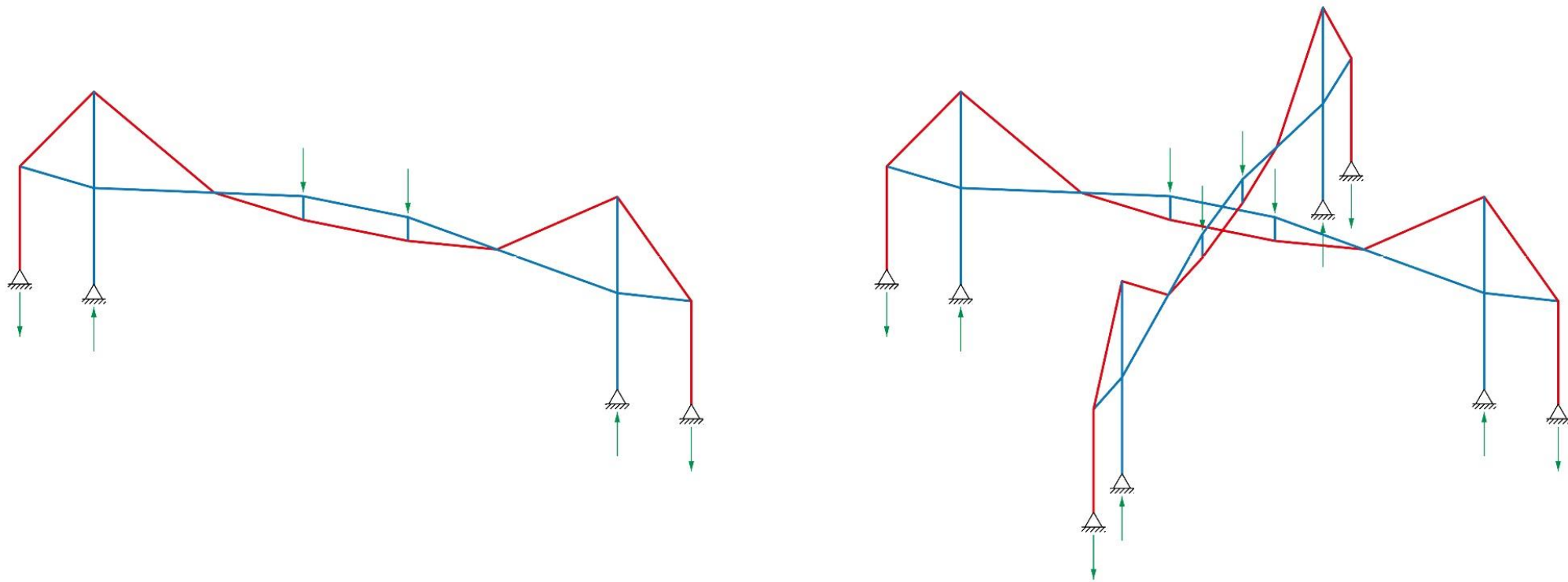


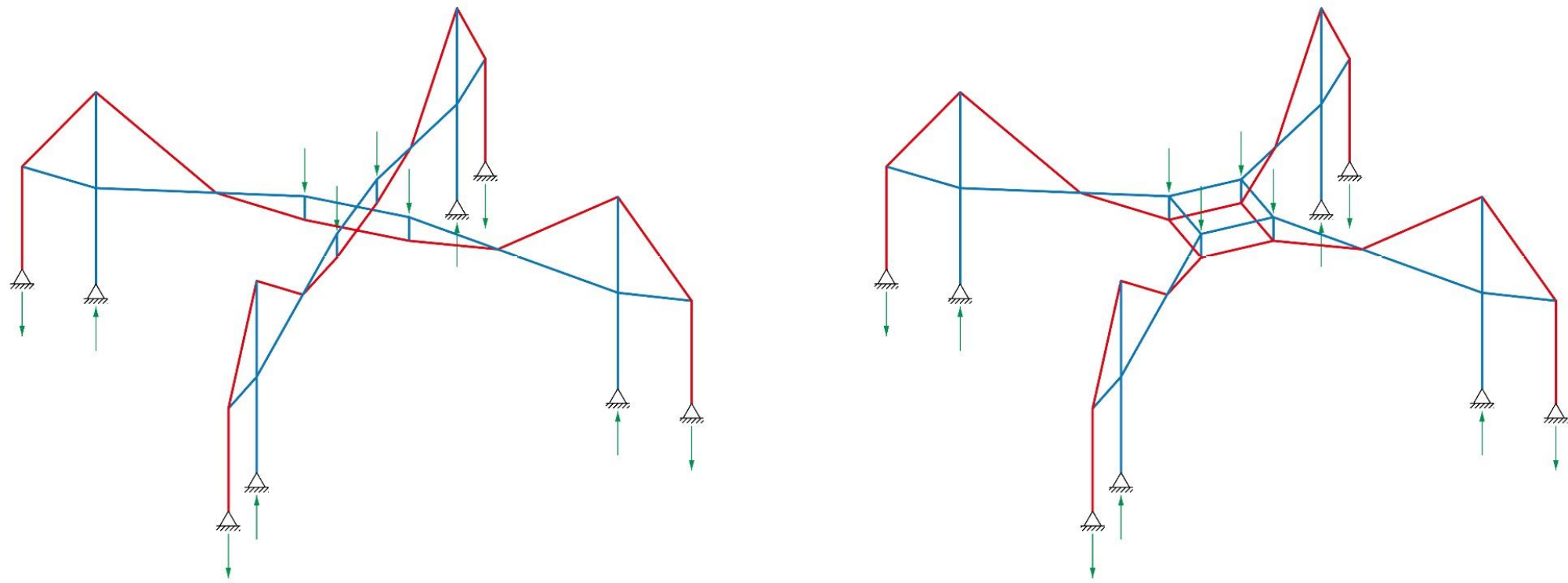
Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982





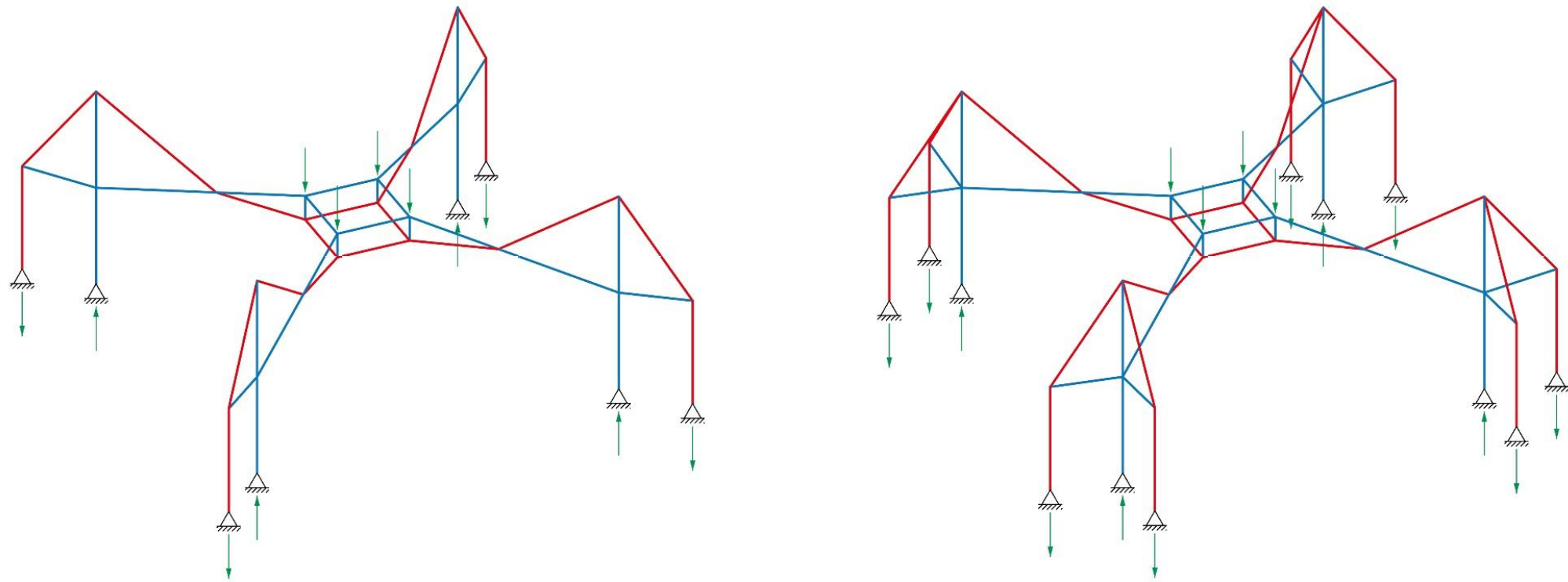
Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982



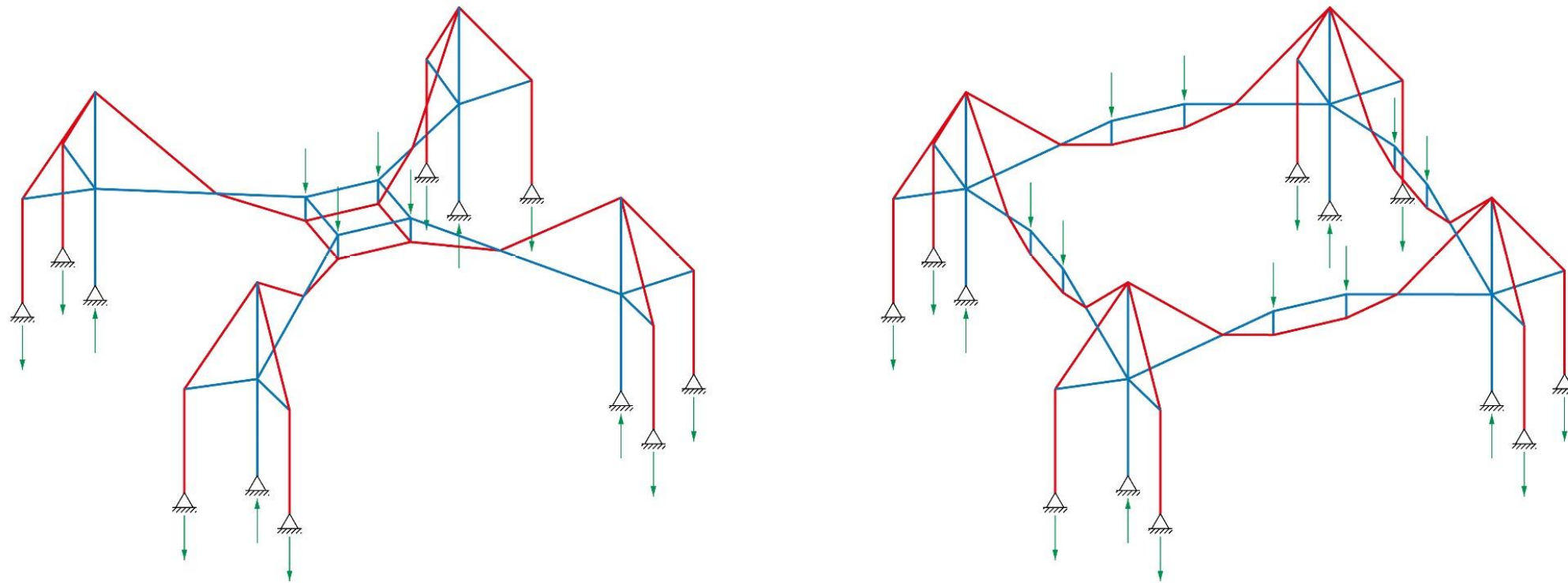


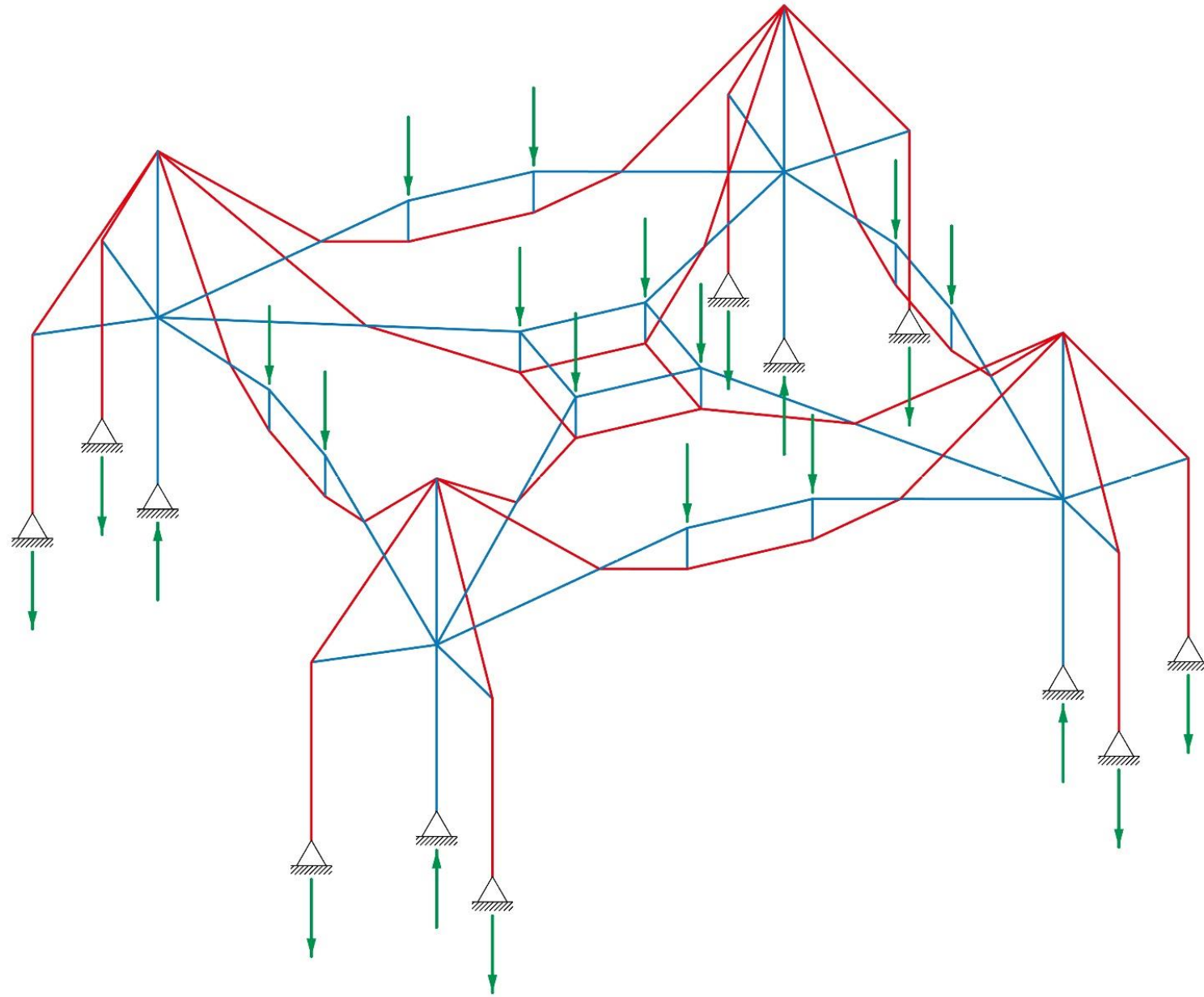
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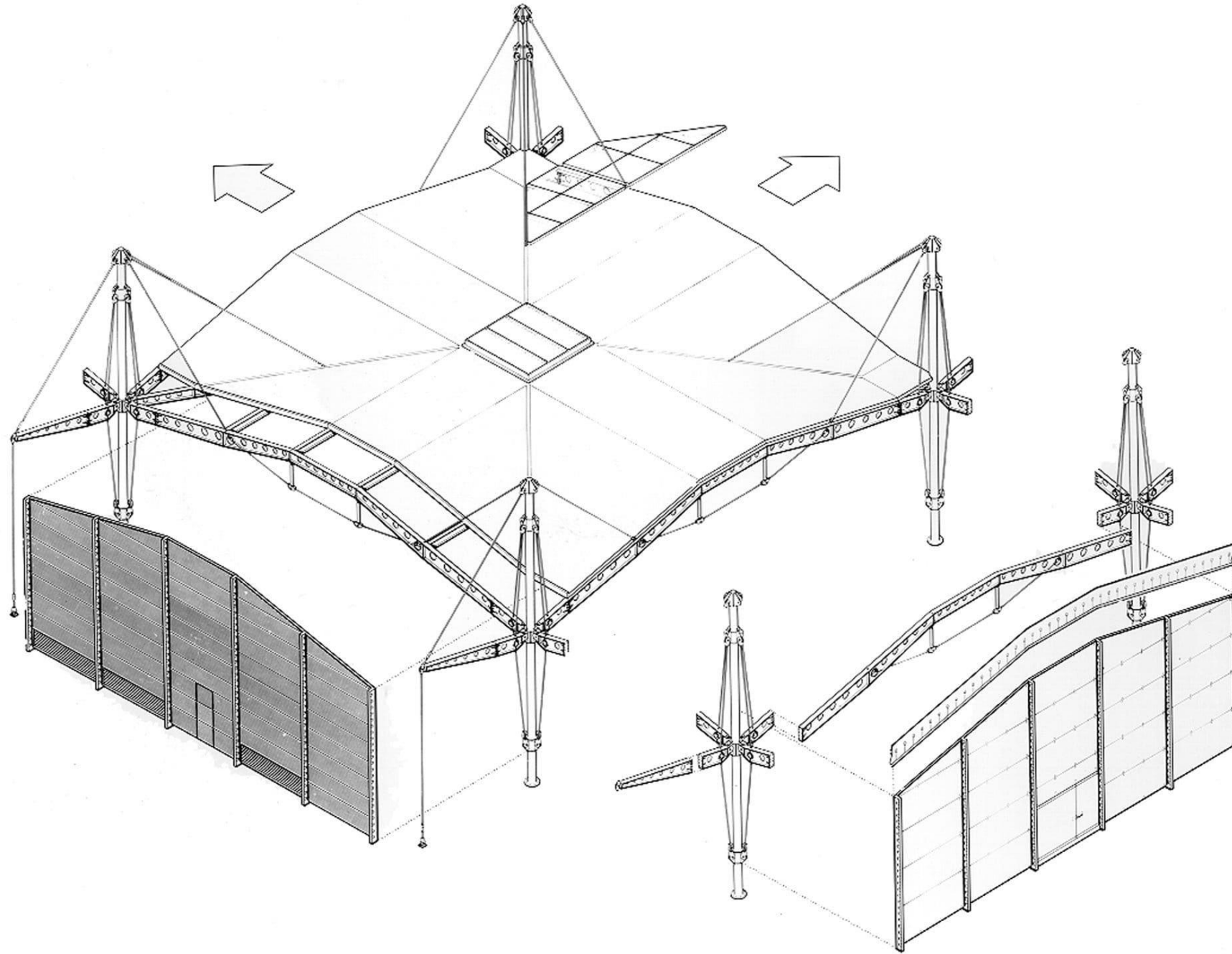
Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982





Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982





Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982



Norman Foster, Ove Arup: Verteilszentrum Renault, Swindom, 1982

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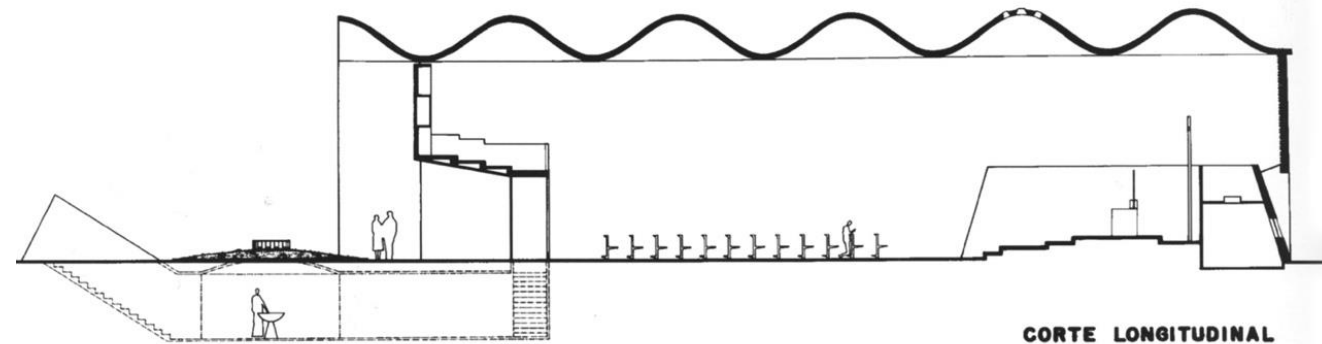
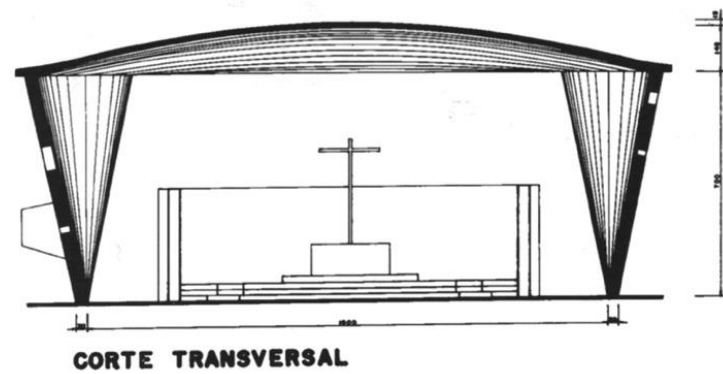
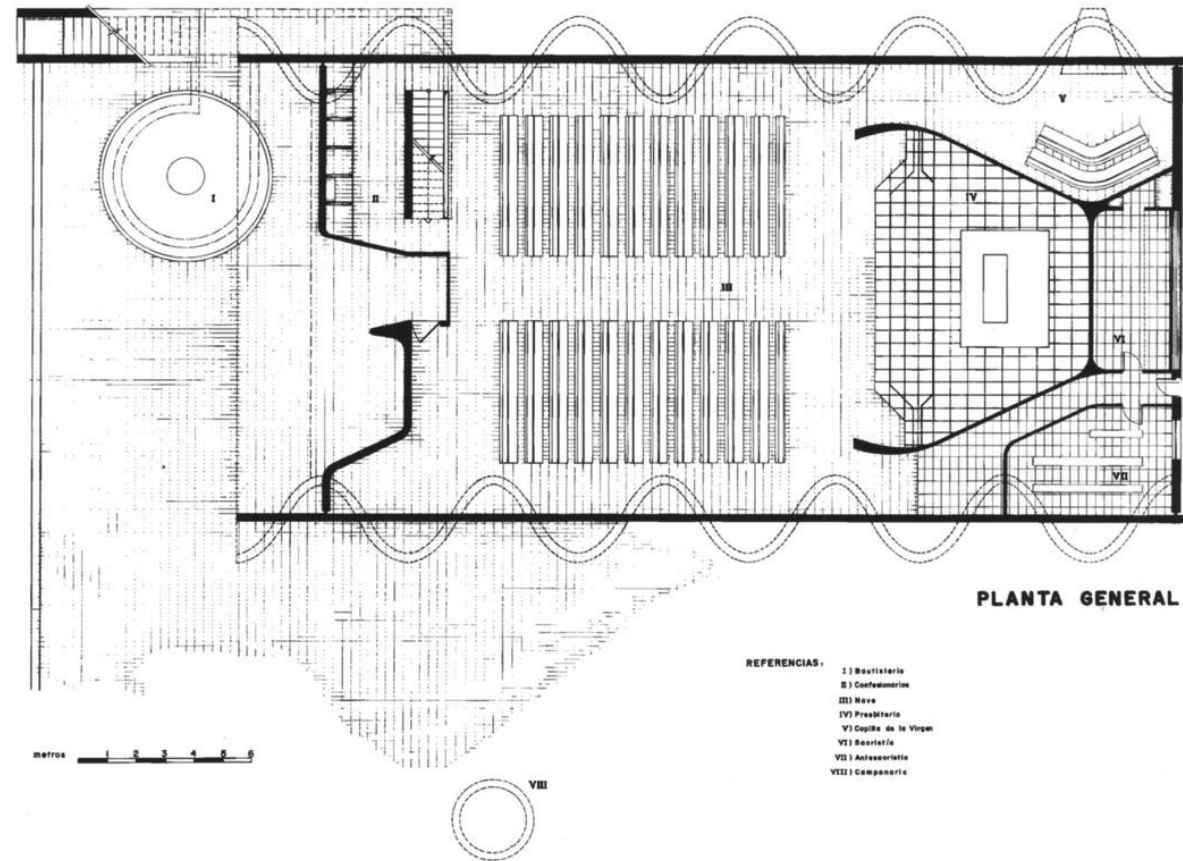


Kirche de Atlantida, Uruguay, Eladio Dieste, 1960





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Kirche de Atlantida, Uruguay, Eladio Dieste, 1960





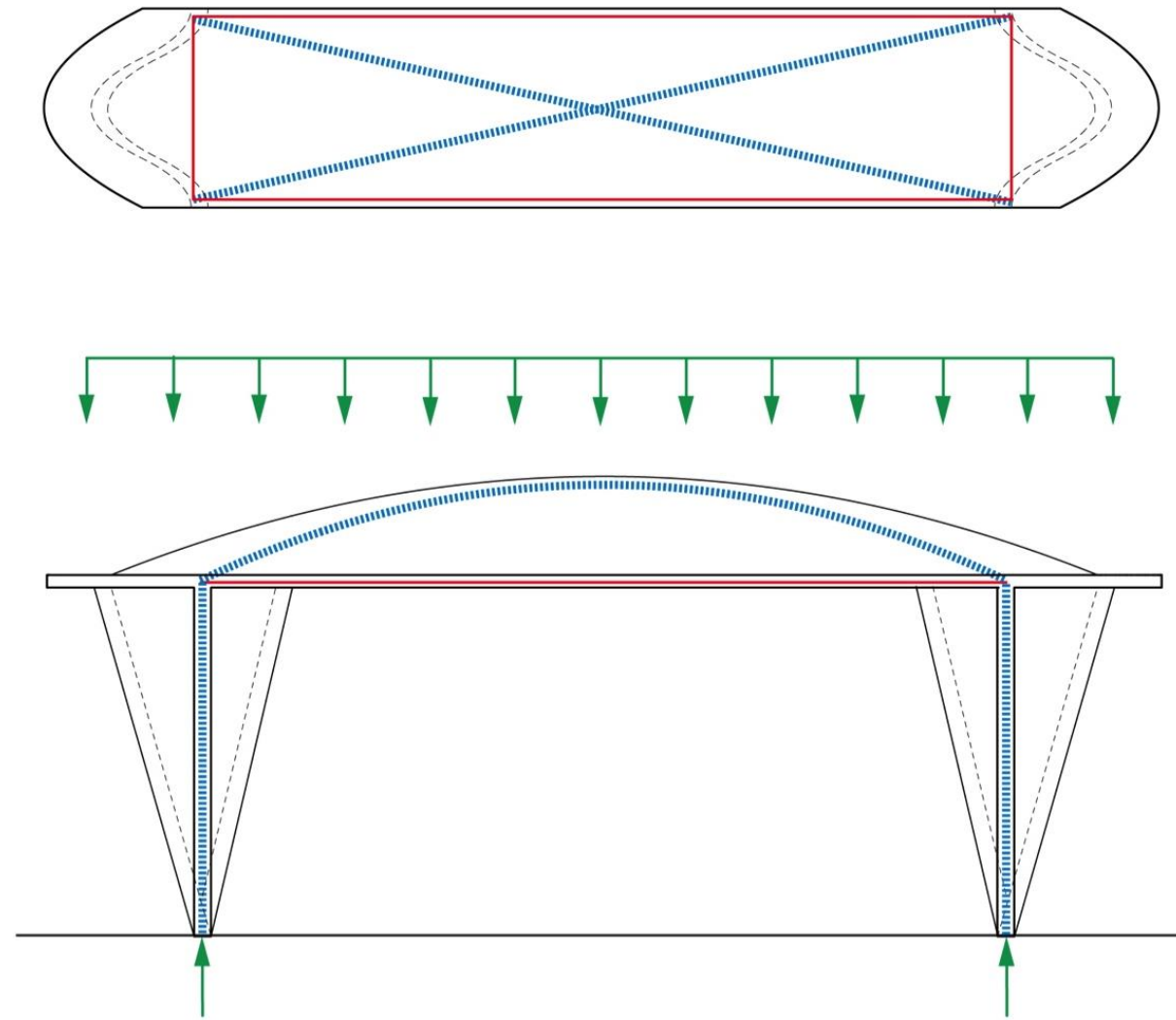
Kirche de Atlantida, Uruguay, Eladio Dieste, 1960



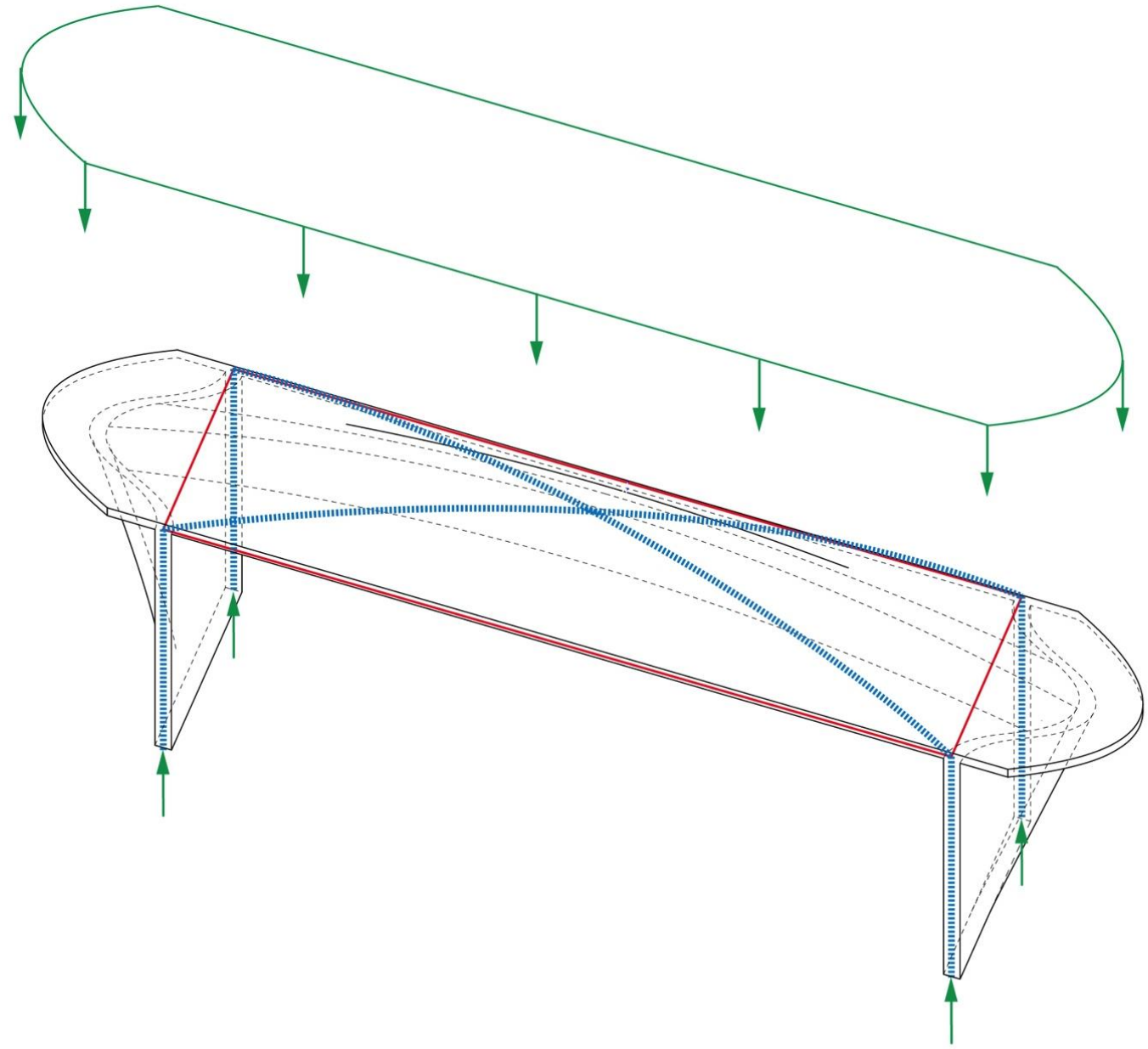


Kirche de Atlantida, Uruguay, Eladio Dieste, 1960

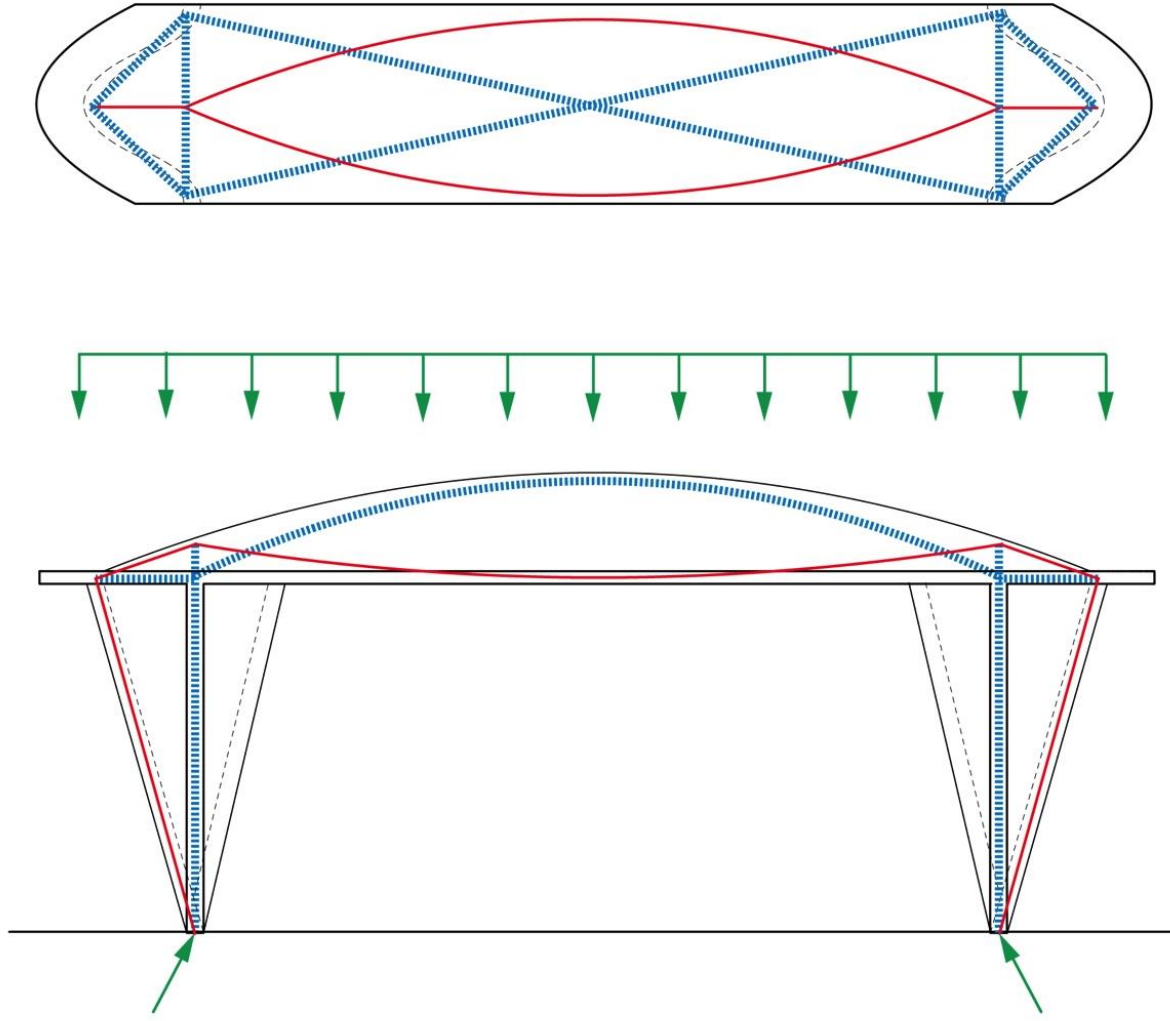




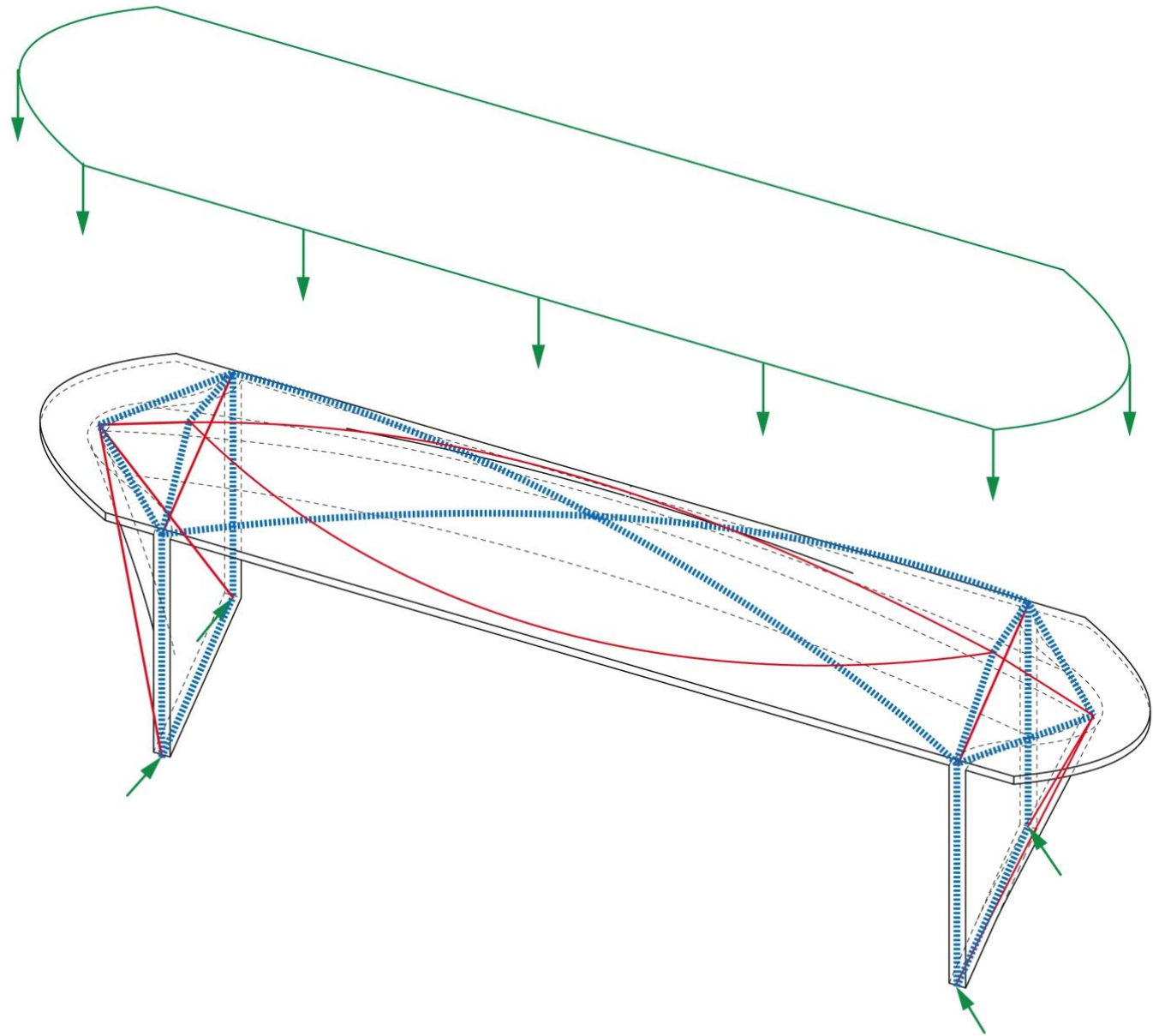
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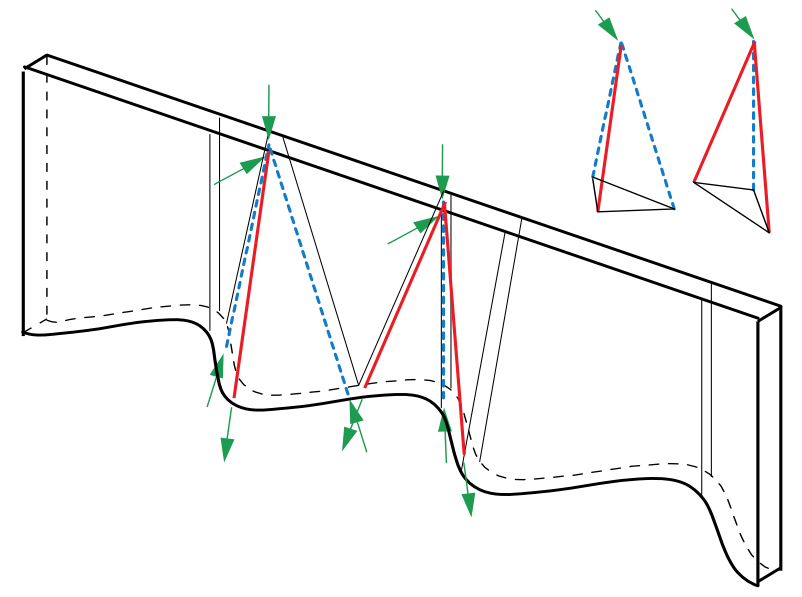
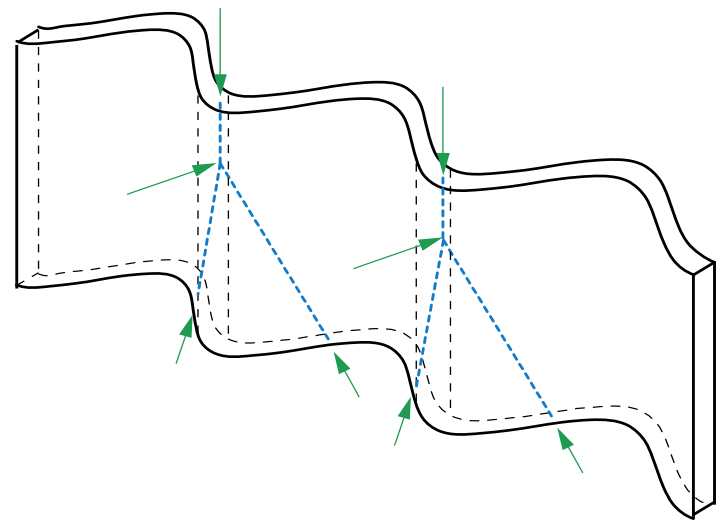
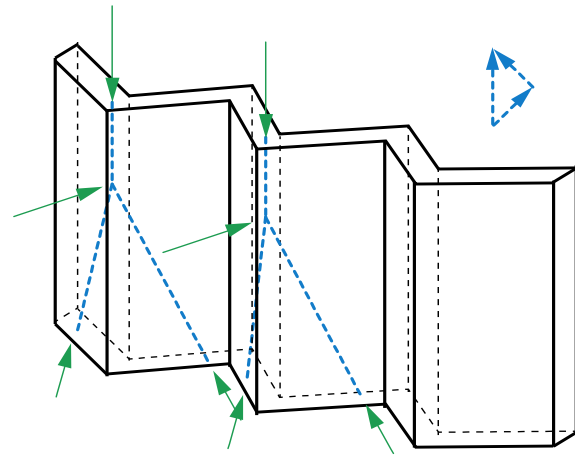


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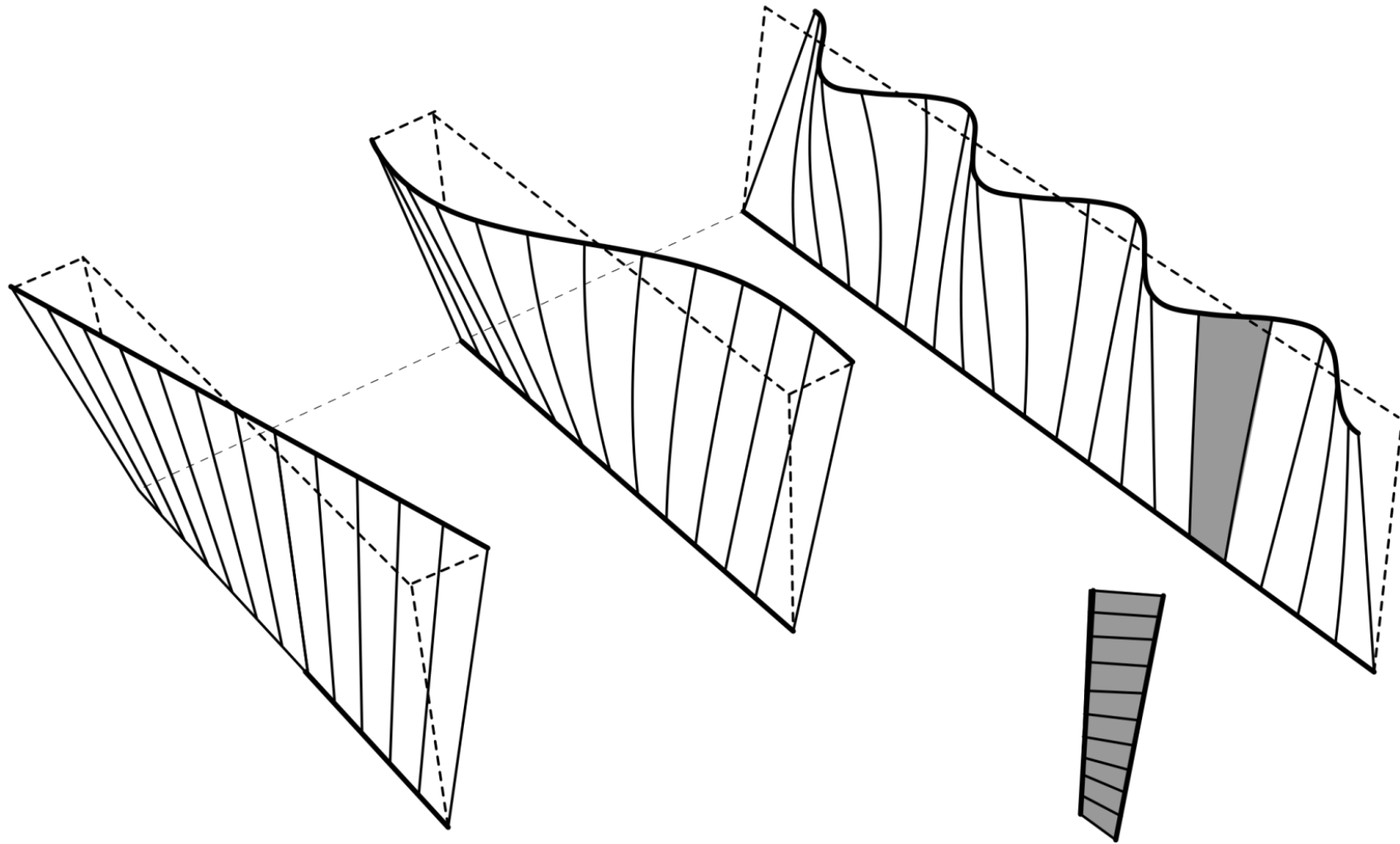


Kirche de Atlantida, Uruguay, Eladio Dieste, 1960

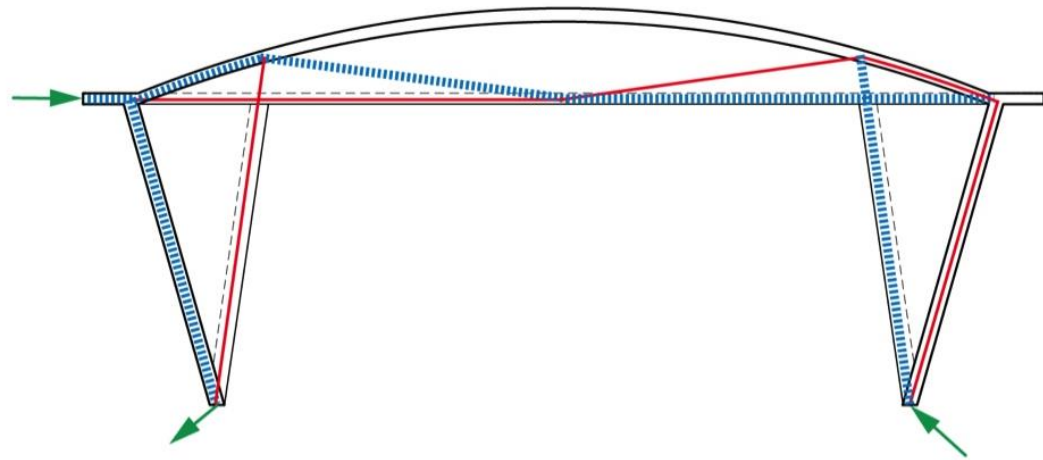
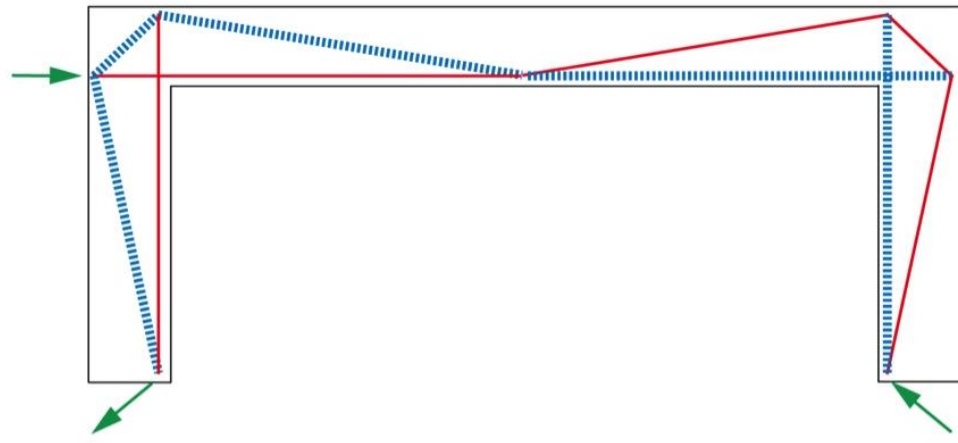




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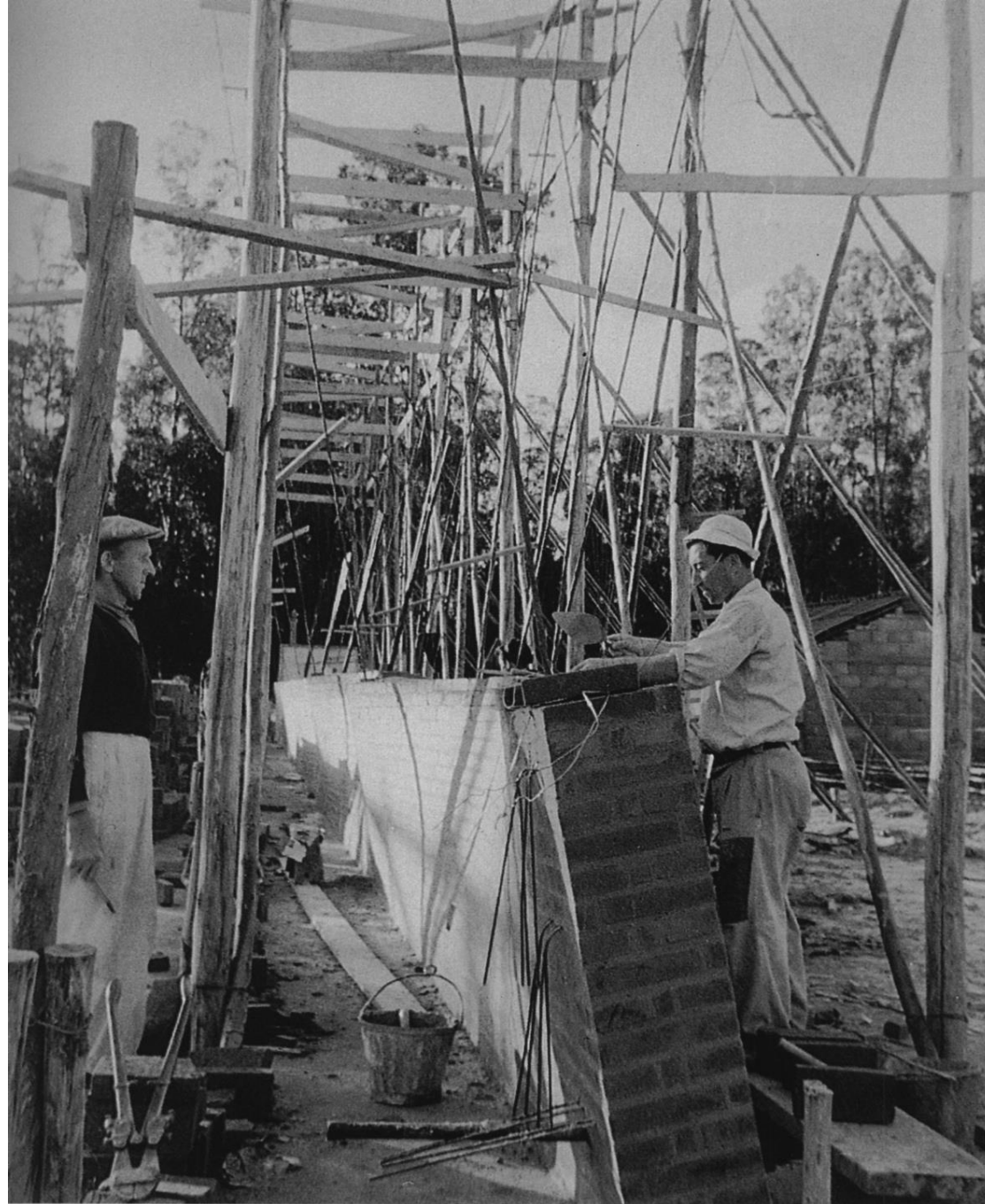


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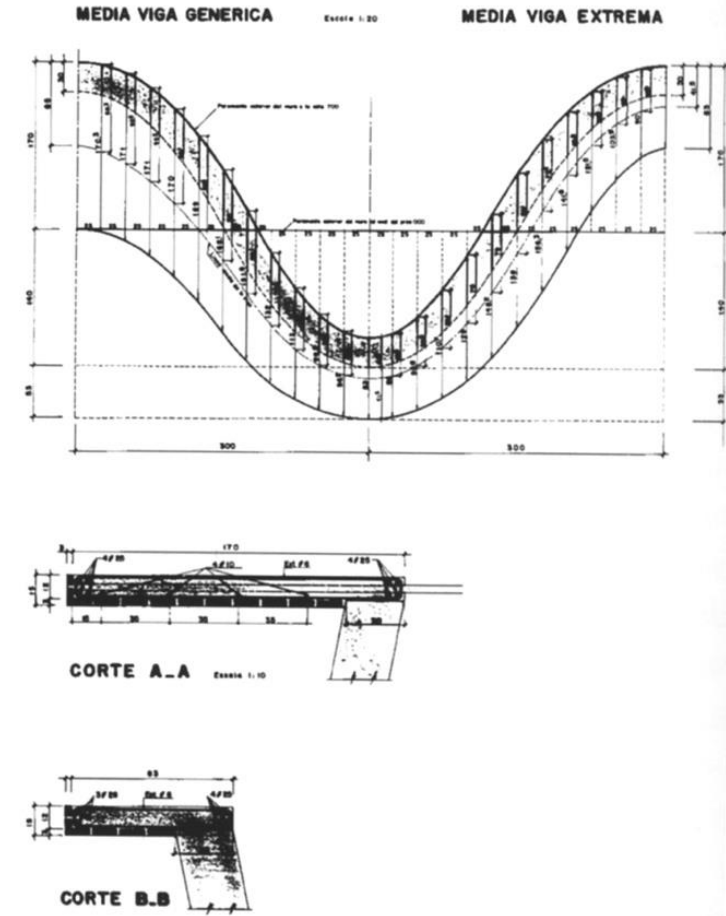
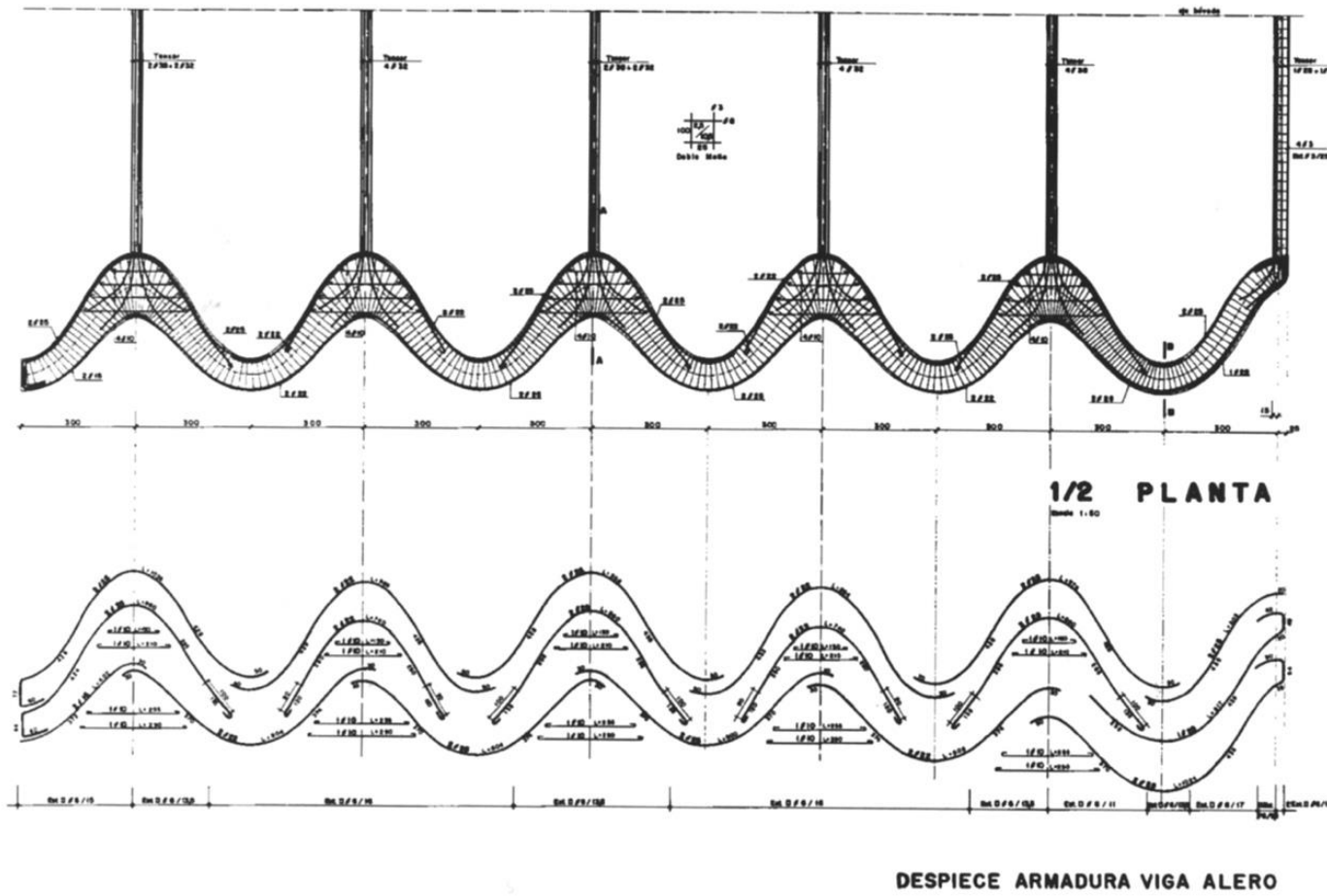


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Kirche de Atlantida, Uruguay, Eladio Dieste, 1960



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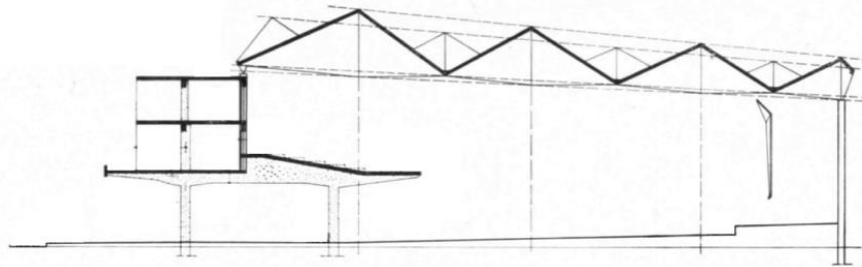
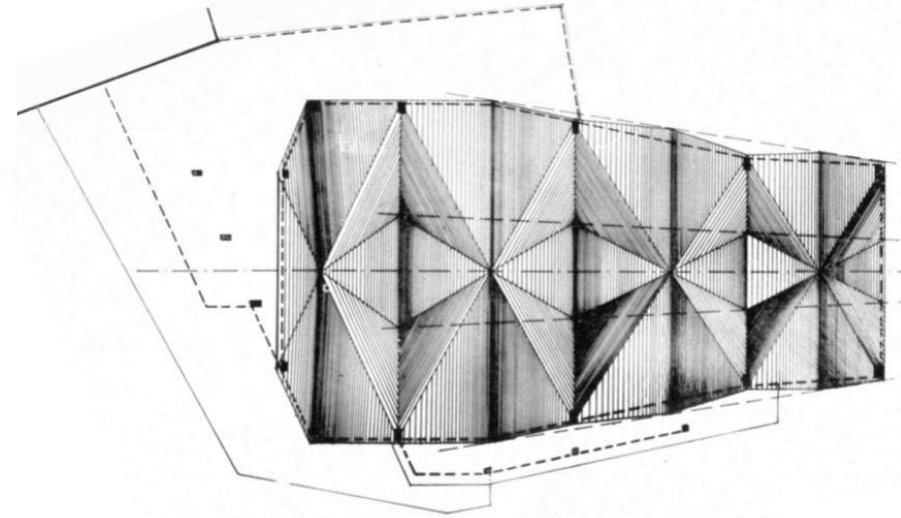
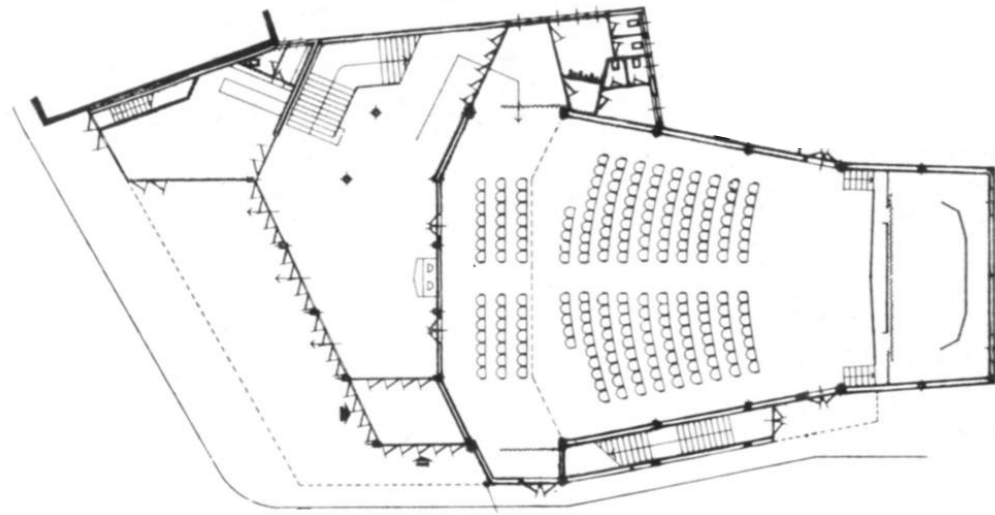


Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo





Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo

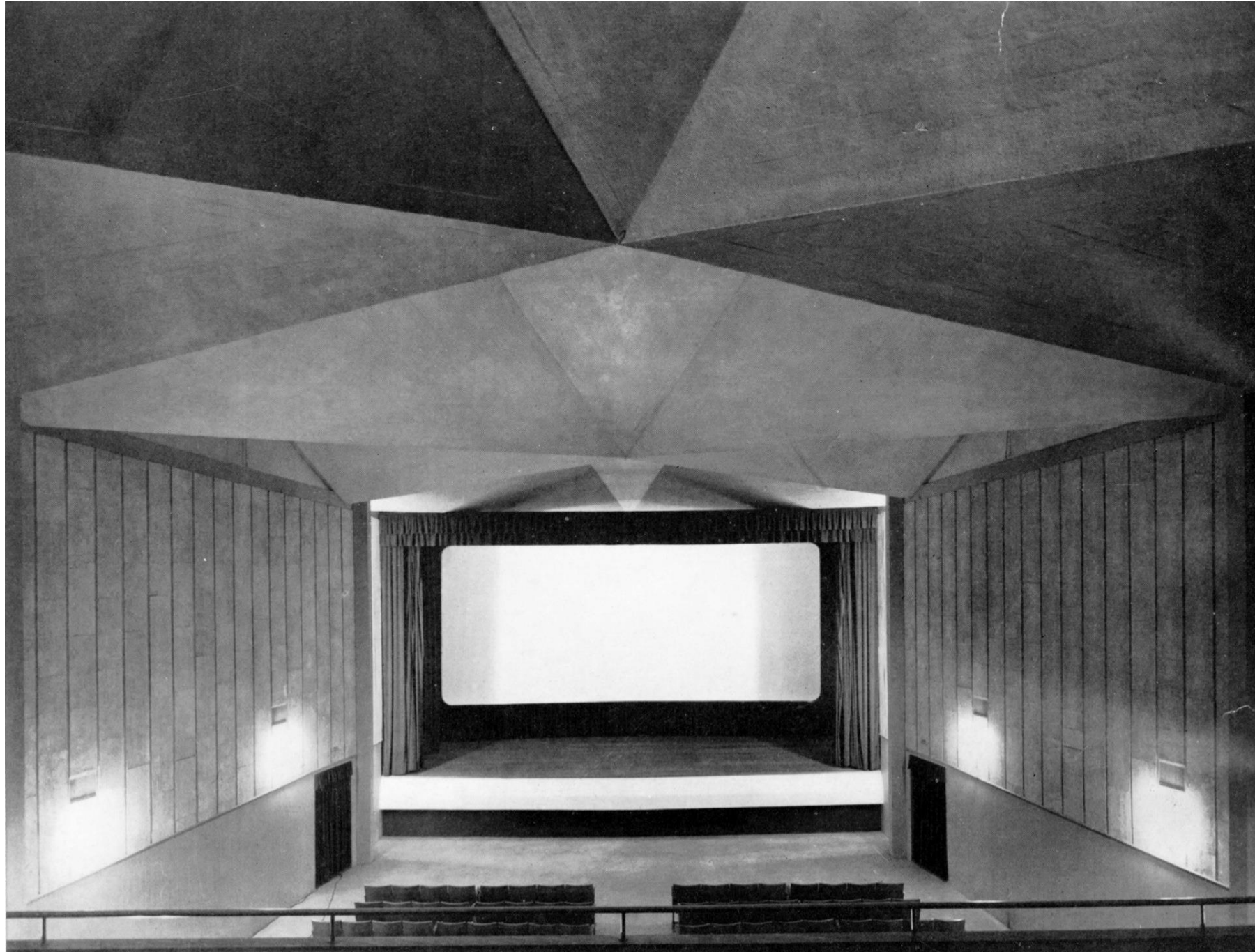




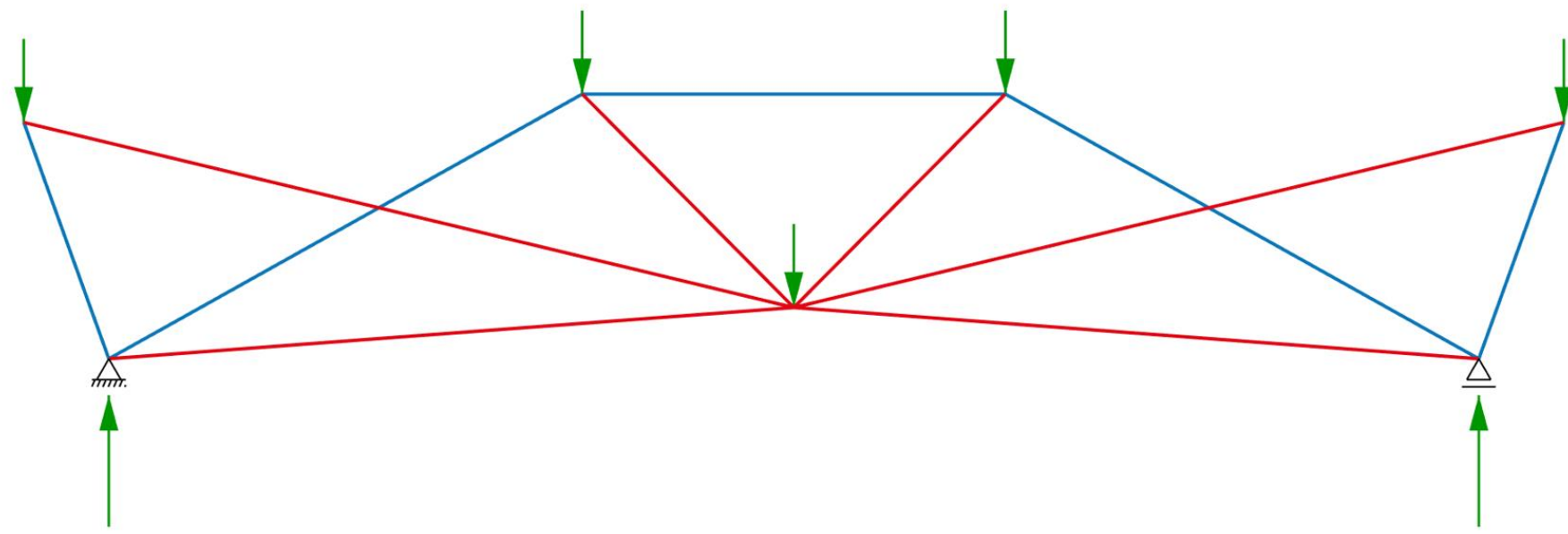


Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo



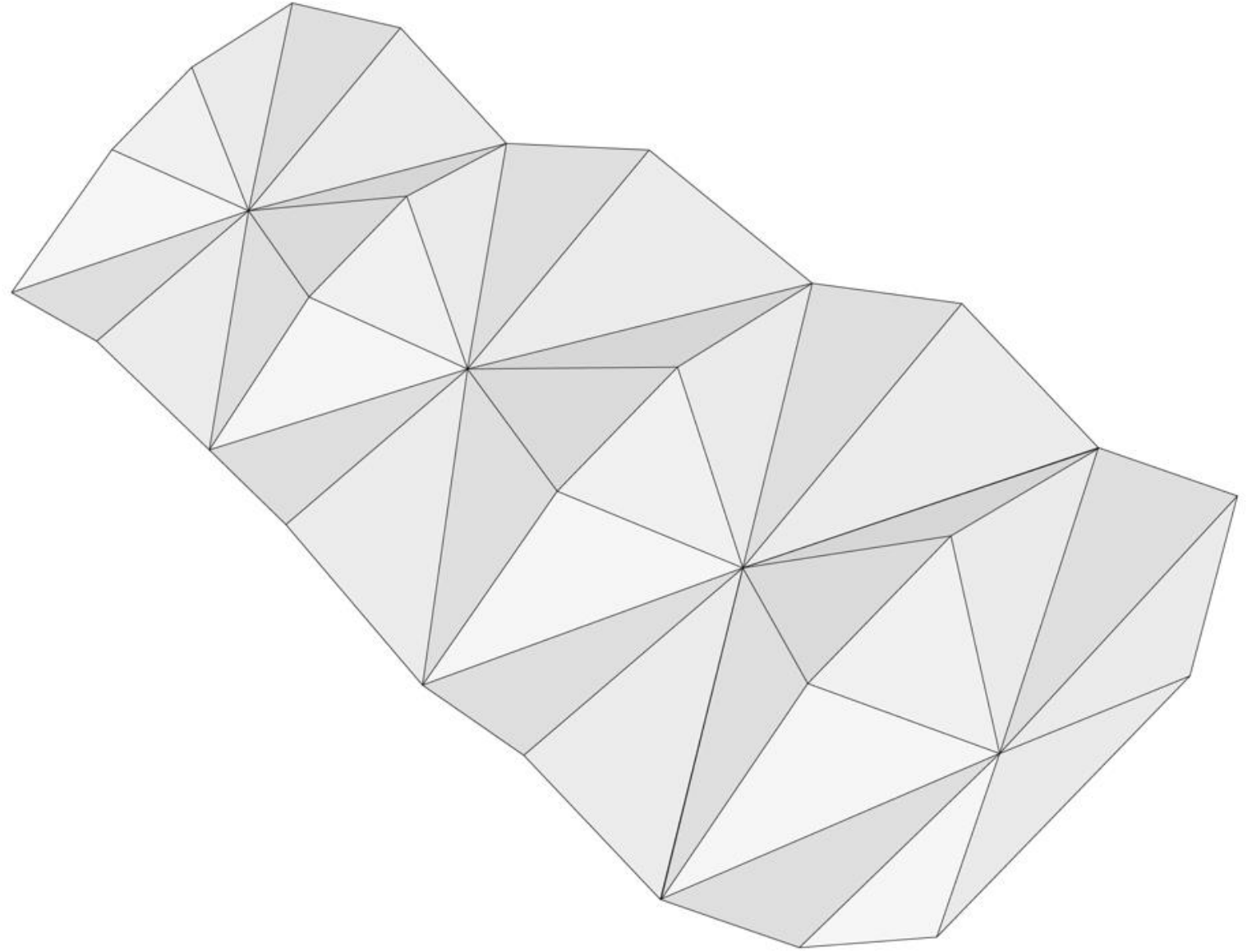
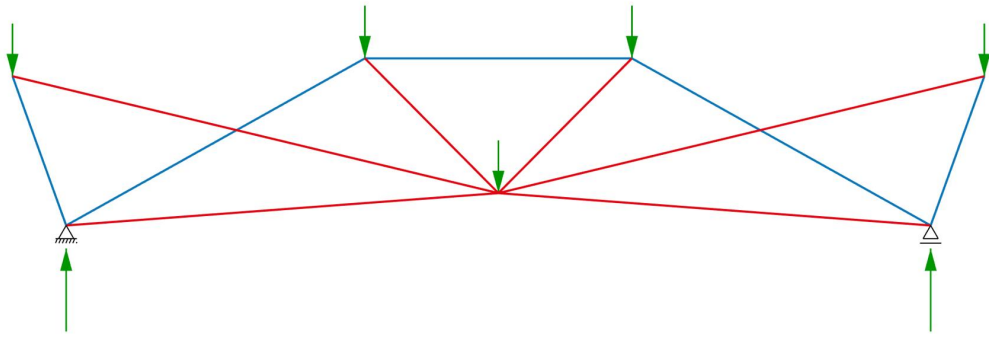


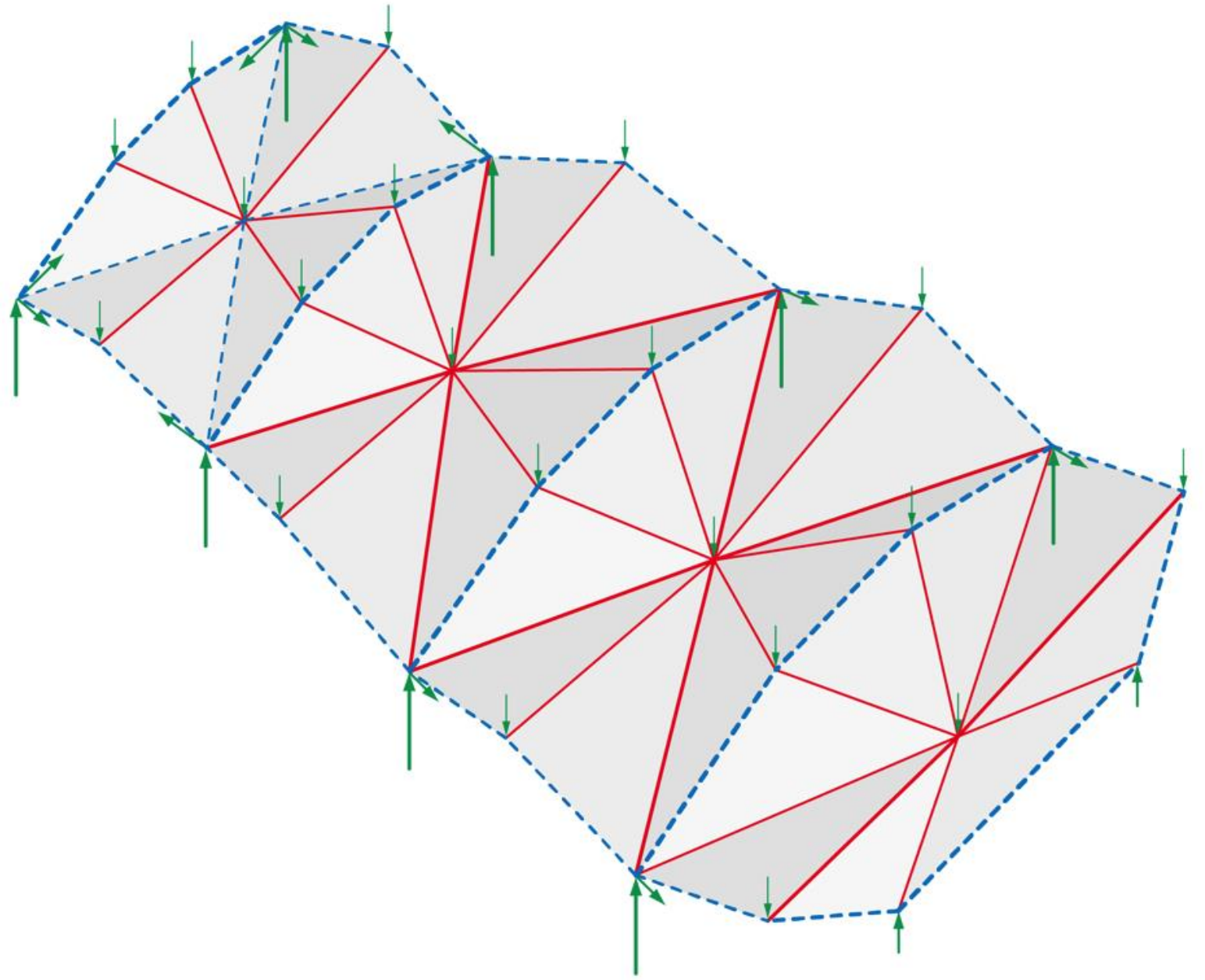
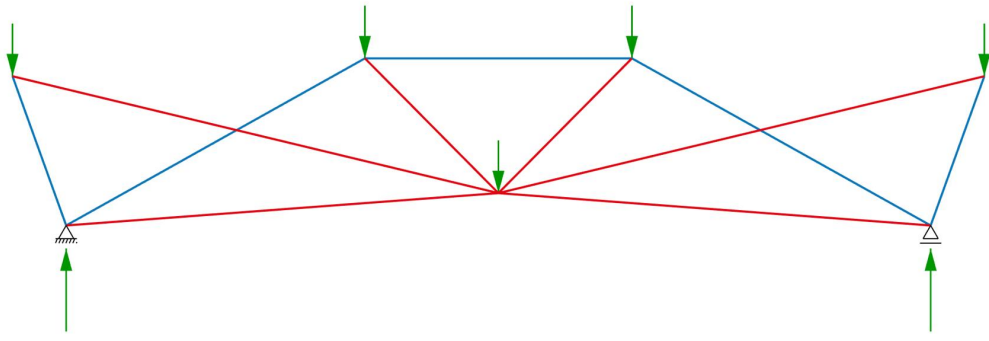
Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo



Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo

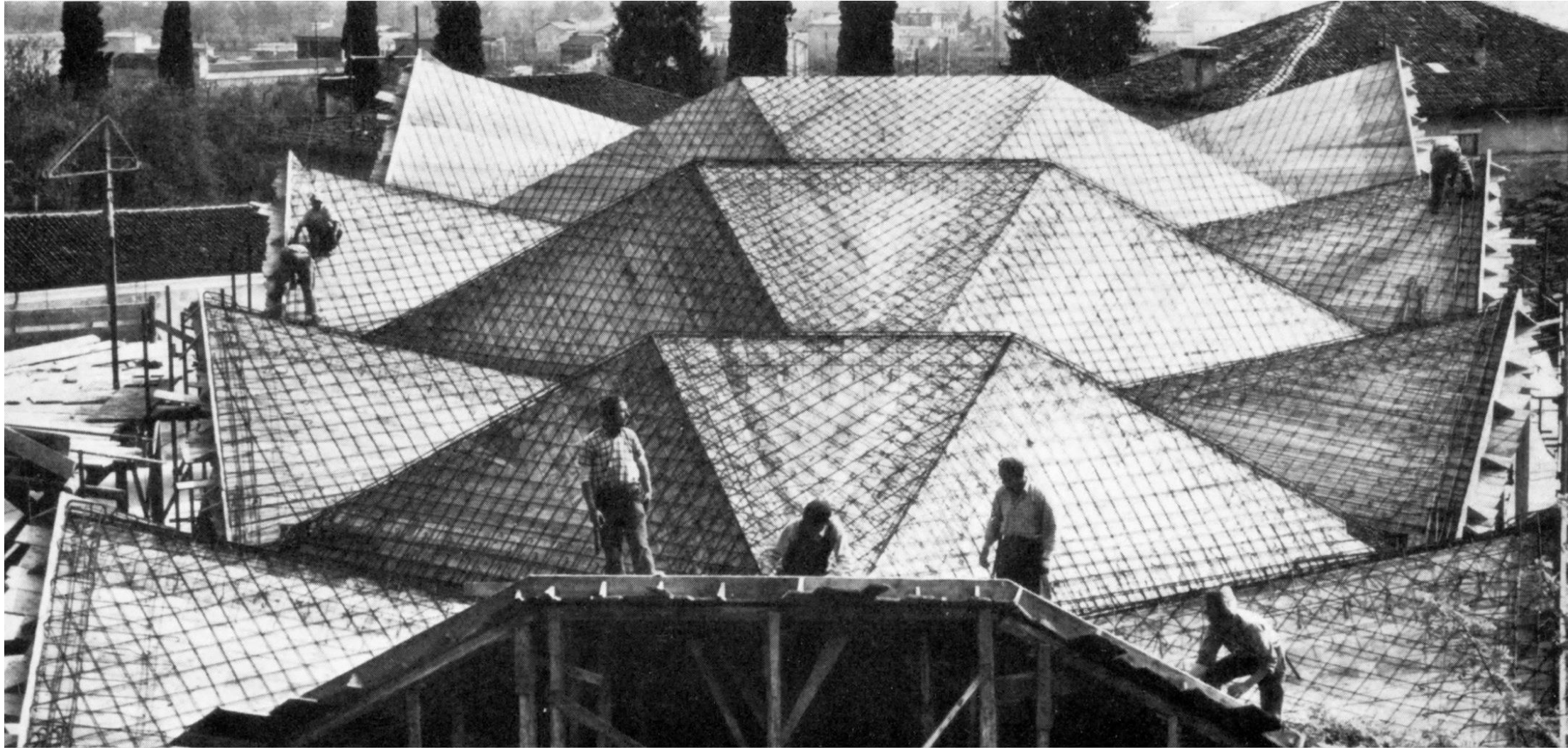






Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo





Cinema San Pietro, Montecchio Maggiore, 1957, Sergio Musmeci, Sergio Ortolani, Antonio Cattaneo



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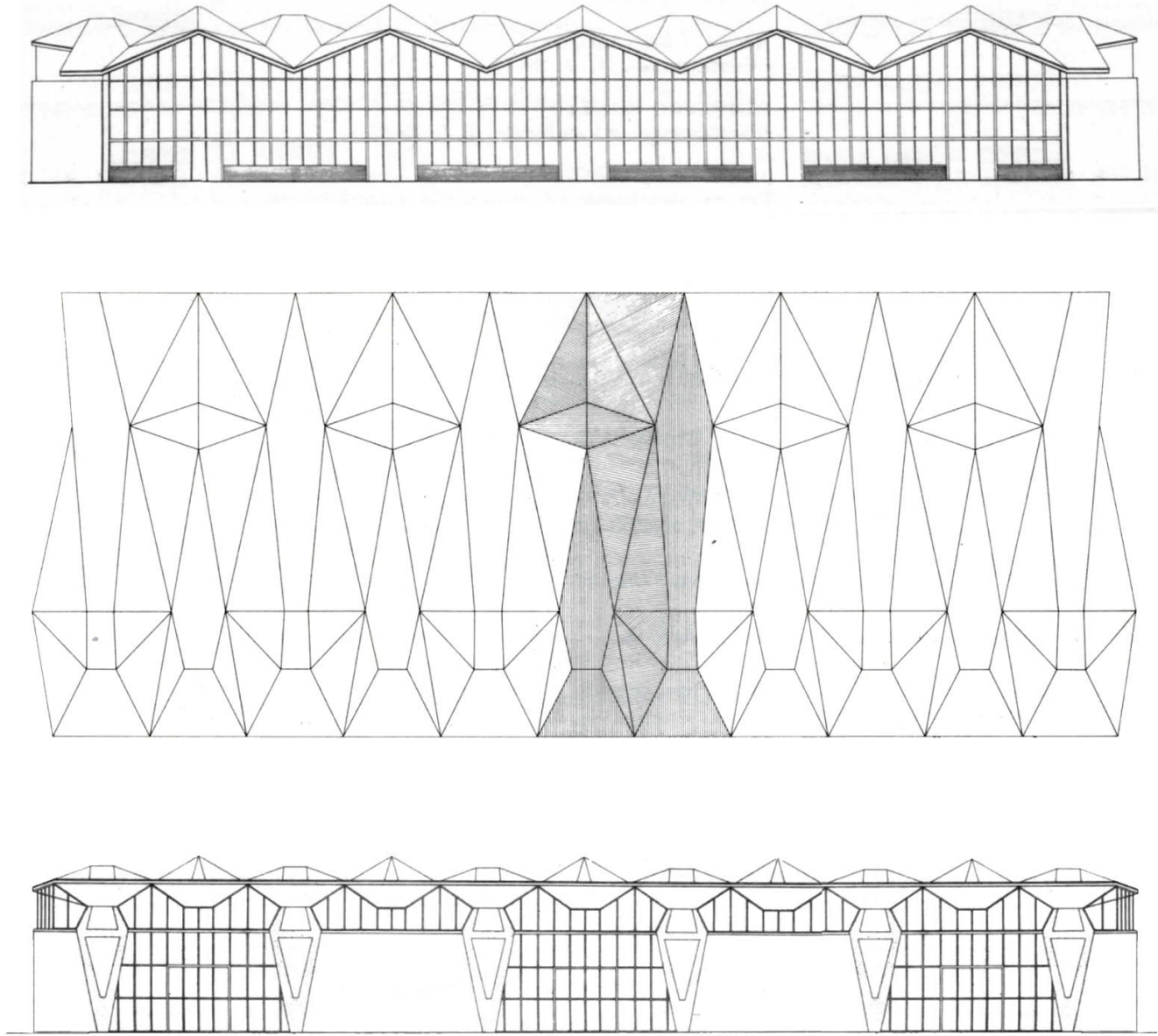
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Olympiastadion München



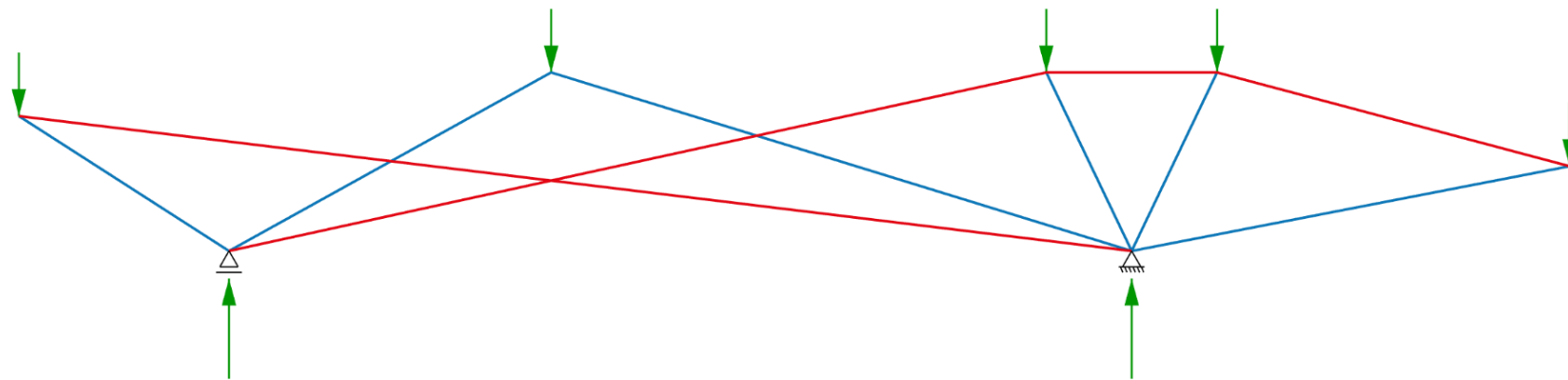
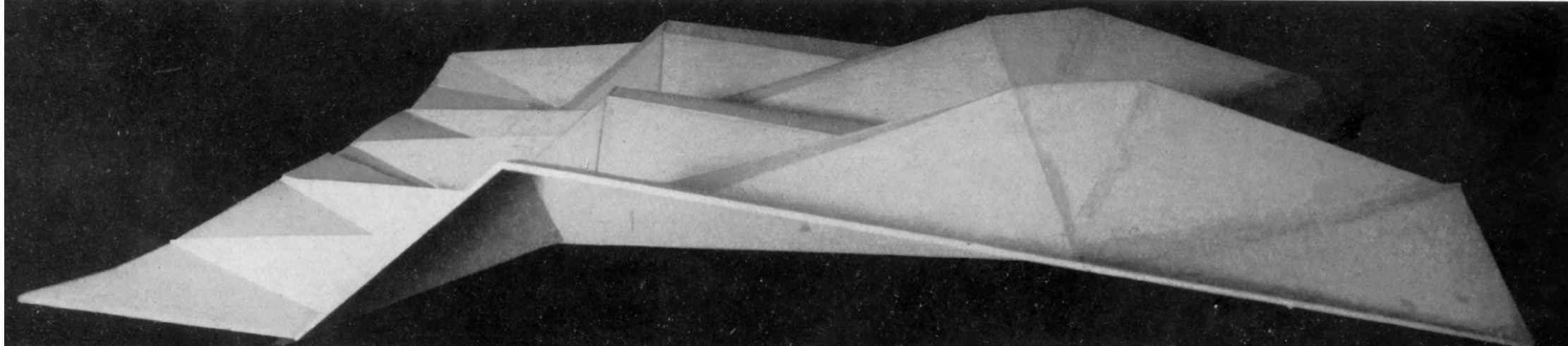
Stabilimento per la lavorazione del marmo, Pietrasanta, 1956, Sergio Musmeci, Leo Calini, Eugenio Montuori



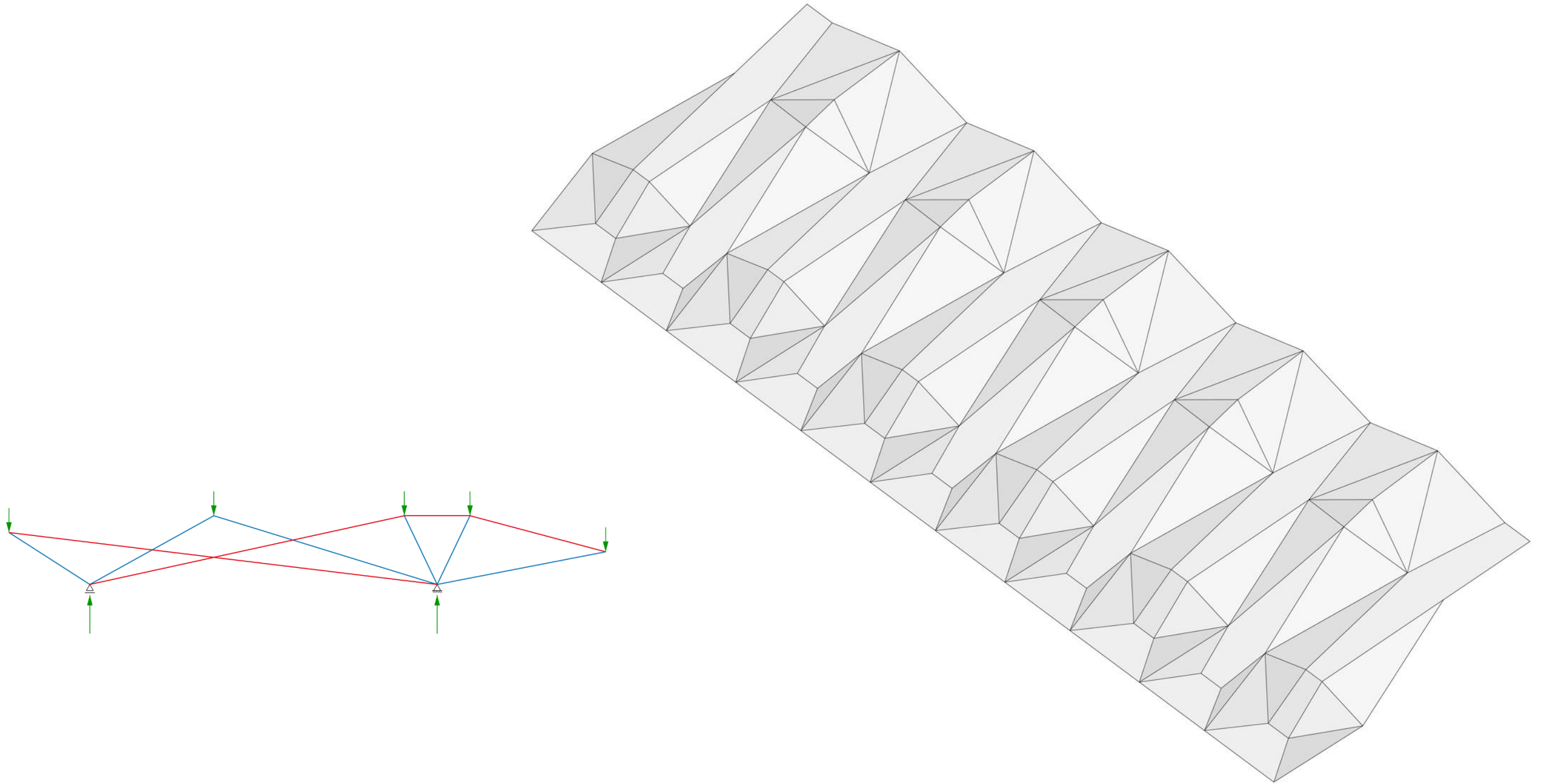


Stabilimento per la lavorazione del marmo, Pietrasanta, 1956, Sergio Musmeci, Leo Calini, Eugenio Montuori

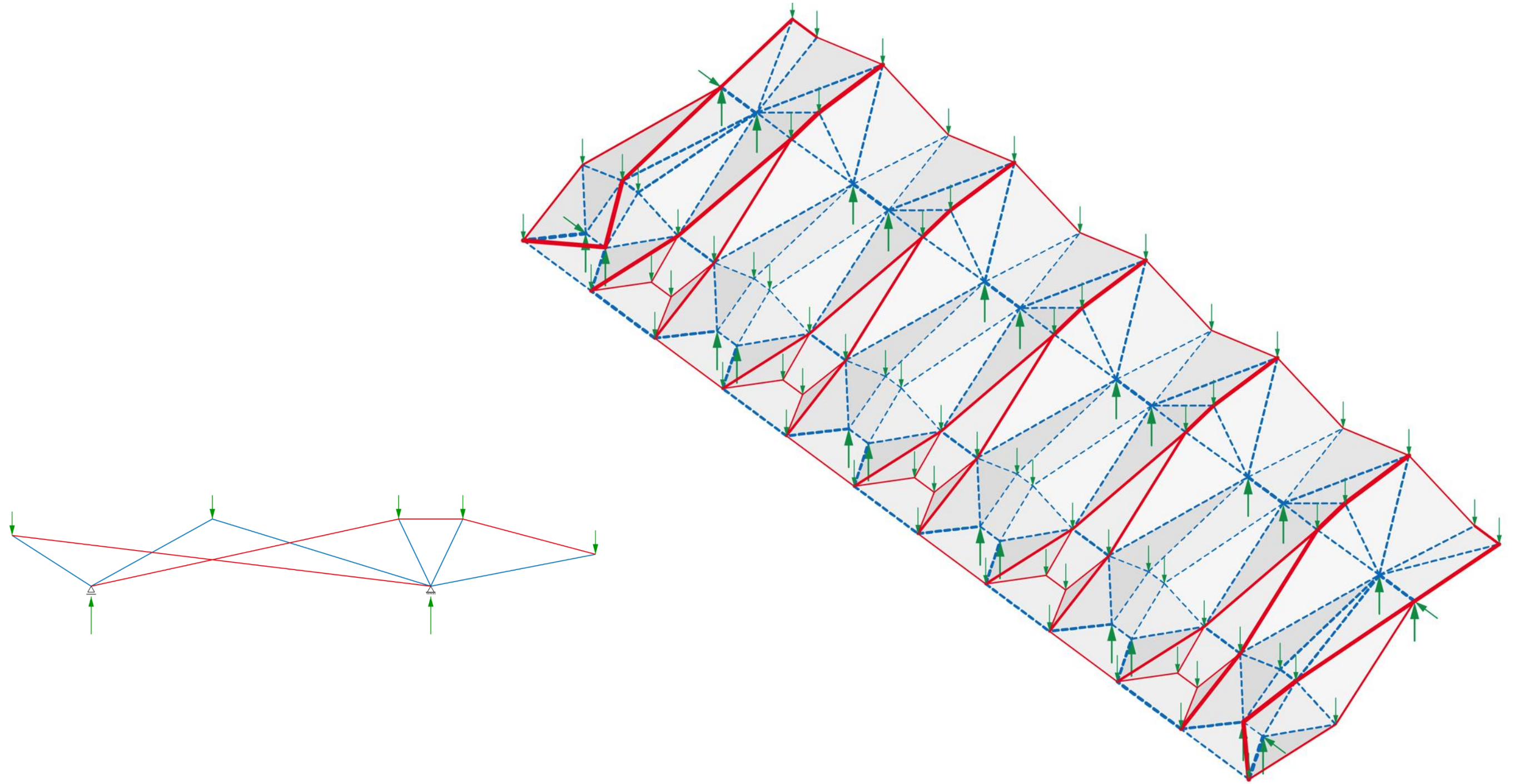




Stabilimento per la lavorazione del marmo, Pietrasanta, 1956, Sergio Musmeci, Leo Calini, Eugenio Montuori



Stabilimento per la lavorazione del marmo, Pietrasanta, 1956, Sergio Musmeci, Leo Calini, Eugenio Montuori



Stabilimento per la lavorazione del marmo, Pietrasanta, 1956, Sergio Musmeci, Leo Calini, Eugenio Montuori





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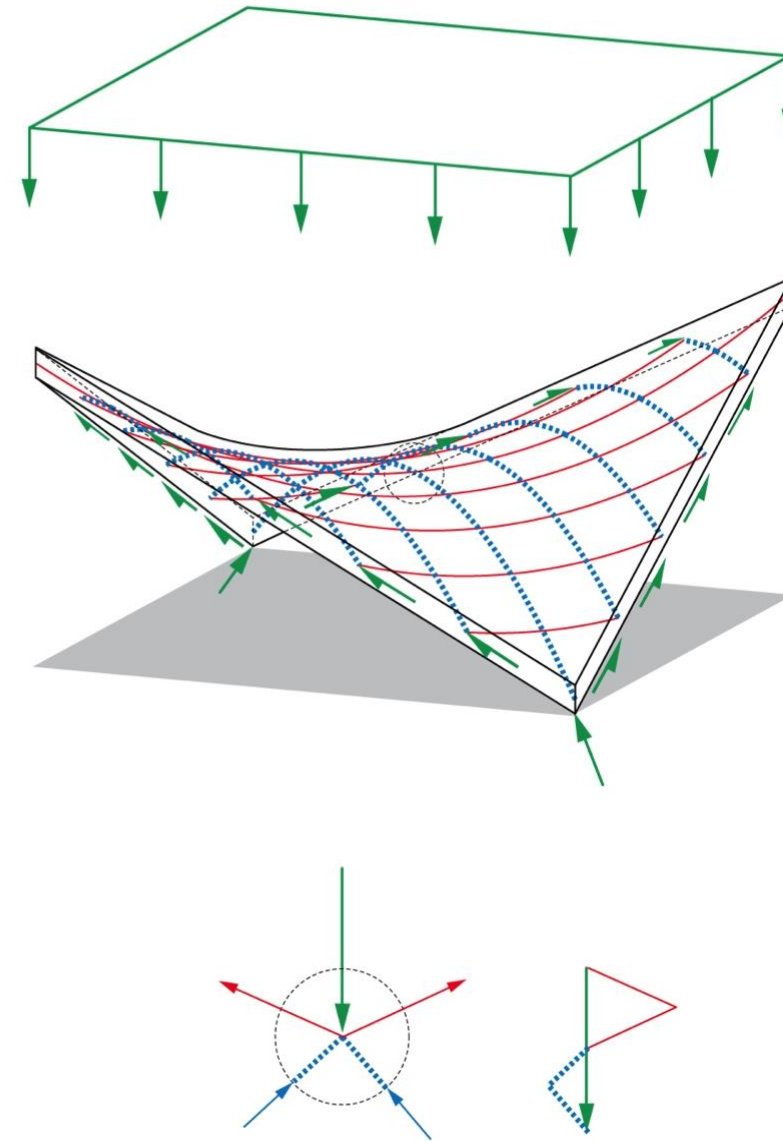
Cinema San Pietro

Stabilimento per la lavorazione del marmo

>> Kirche „la Milagrosa“

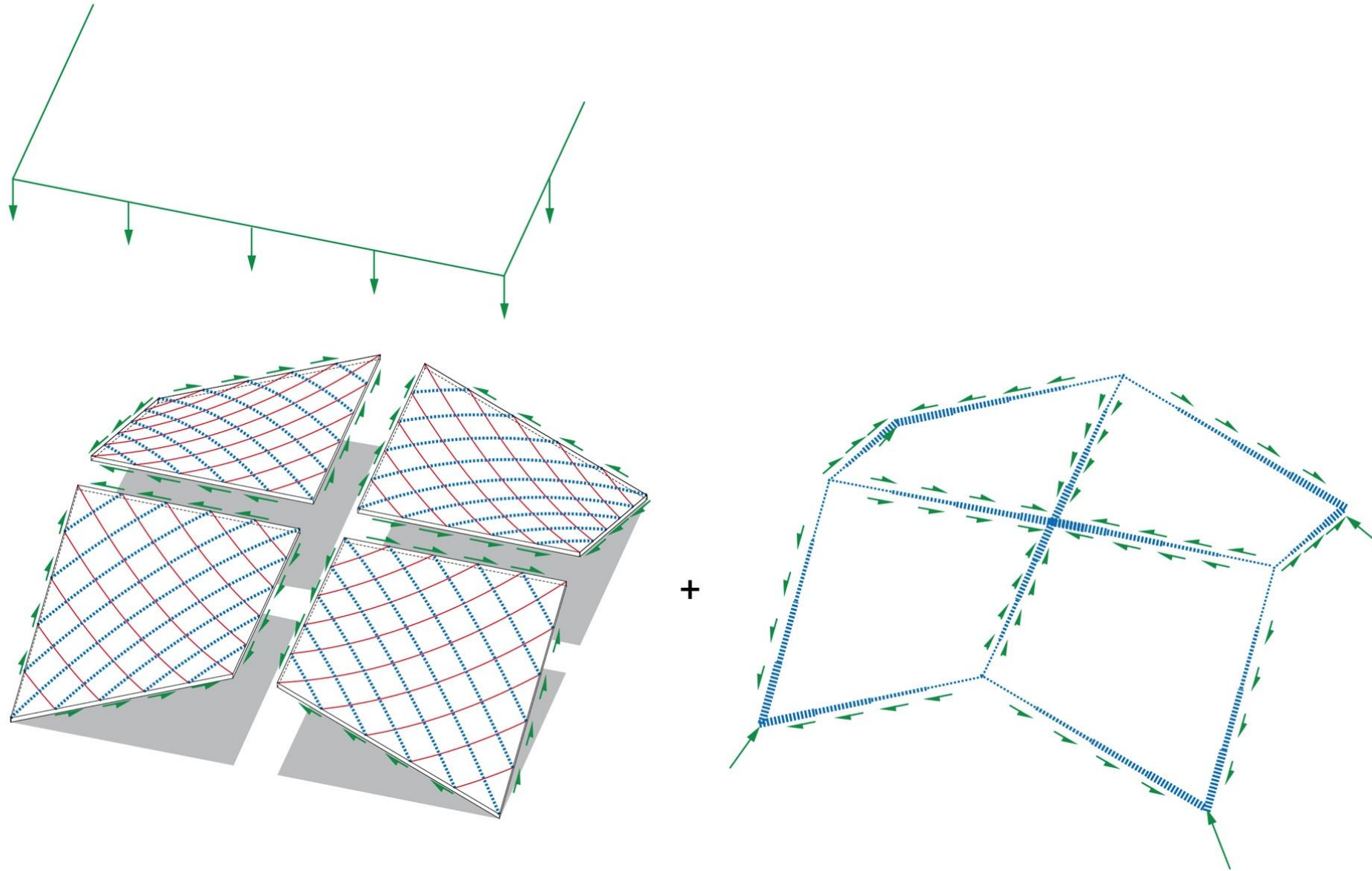
Pferderennbahn La Zarzuela

Olympiastadion München

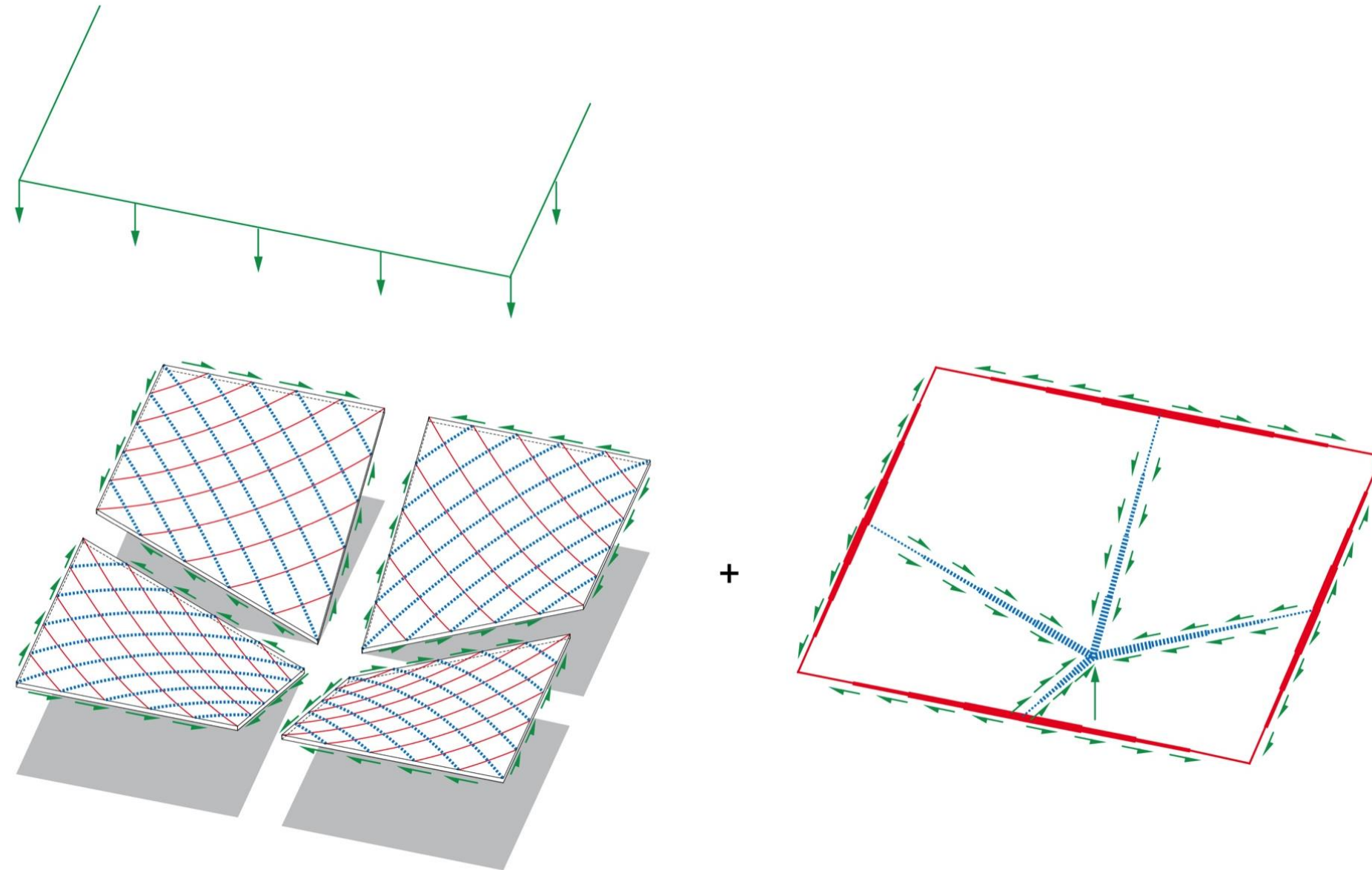


Innere Kräfte in einer hyperbolischen Paraboloidschale

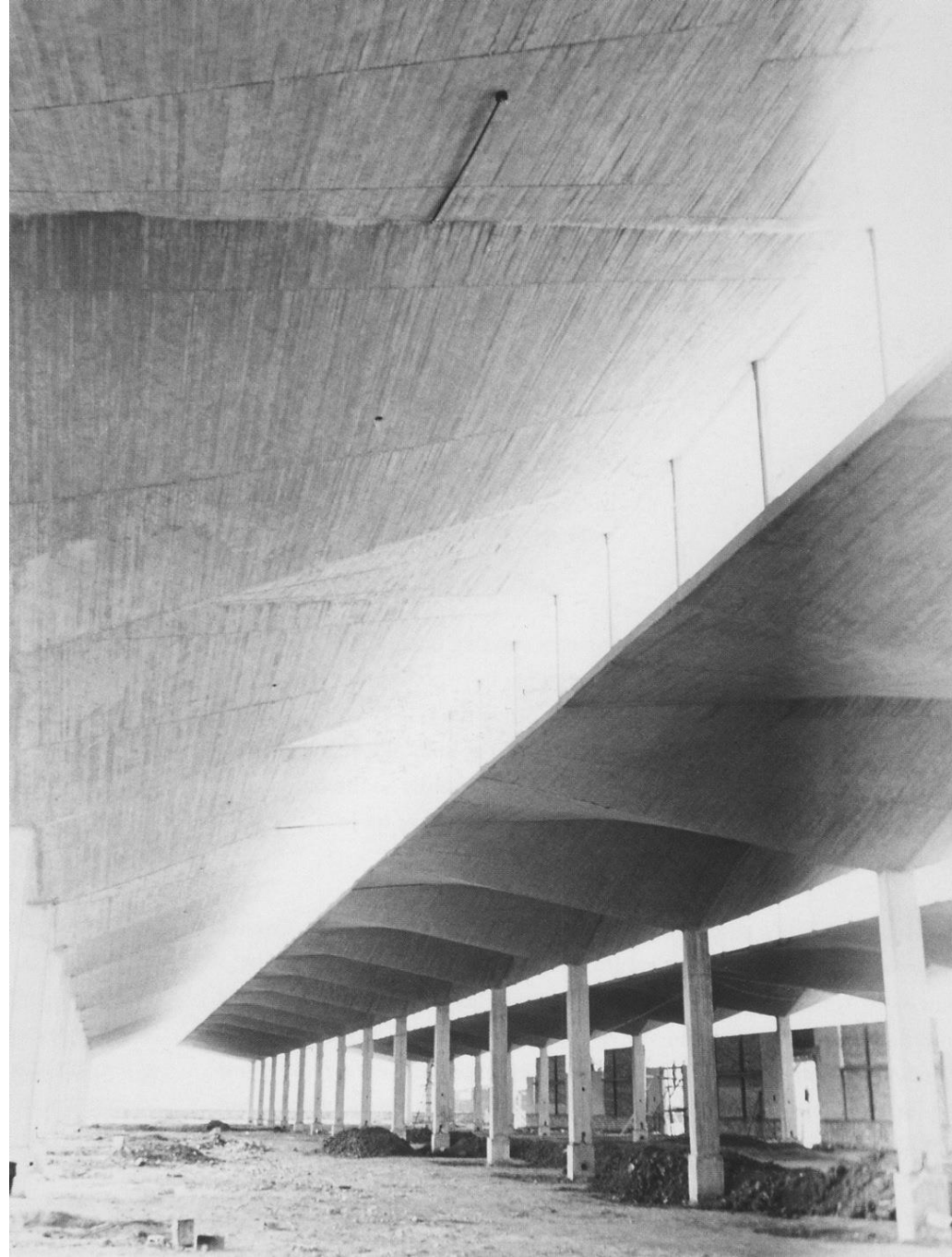
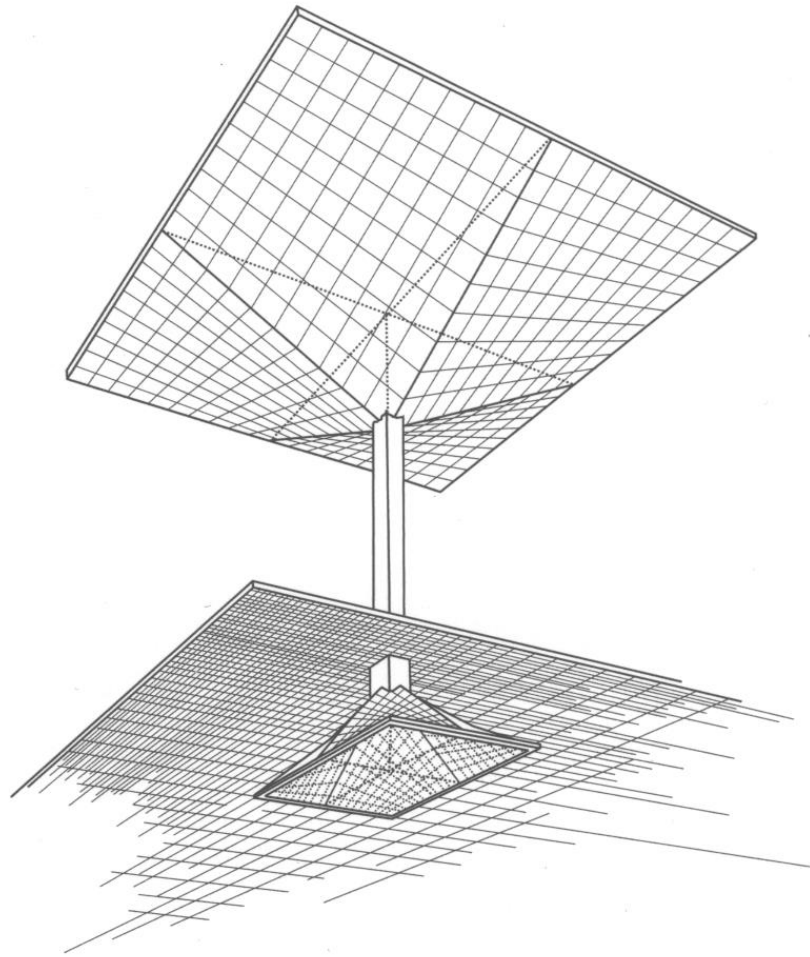




Kombination von hyperbolischen Paraboloiden



Kombination von hyperbolischen Paraboloiden

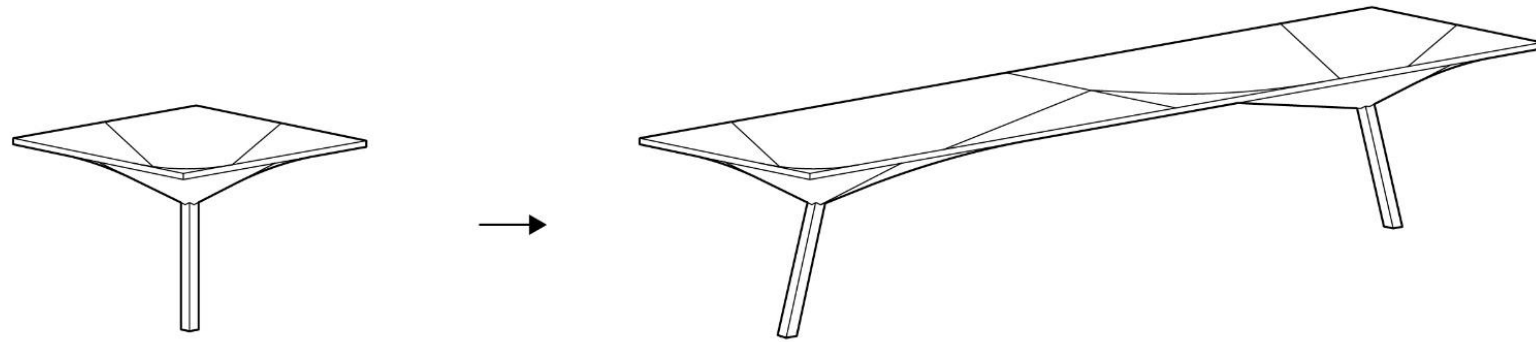


Rio's Warehouse under construction, Mexiko, Felix Candela, 1954

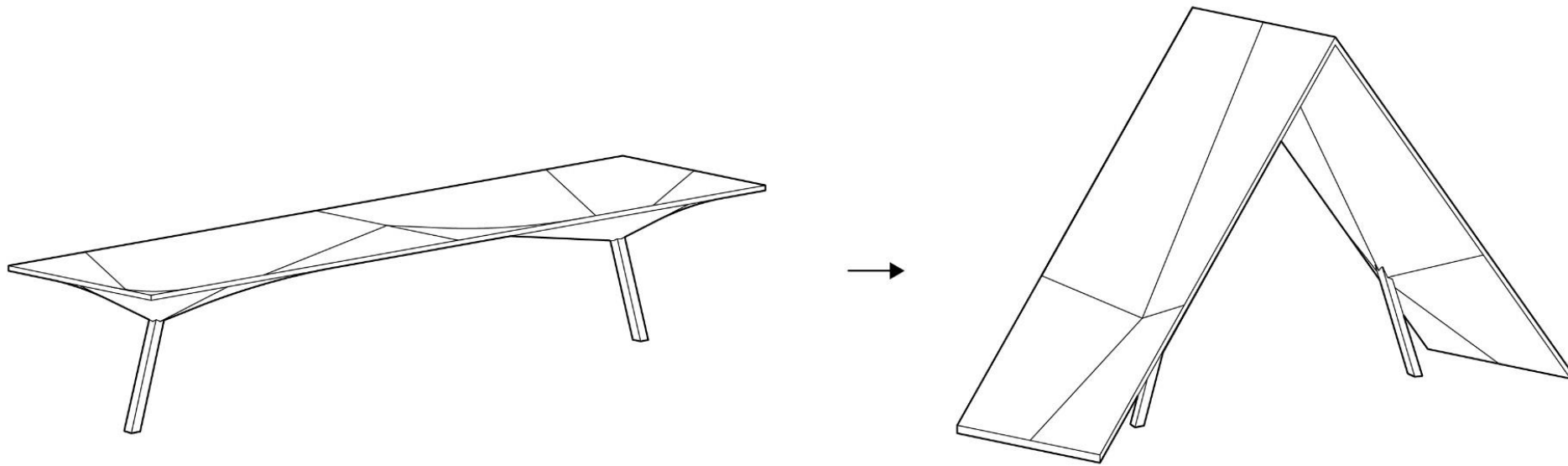




Rio's Warehouse under construction, Mexiko, Felix Candela, 1954

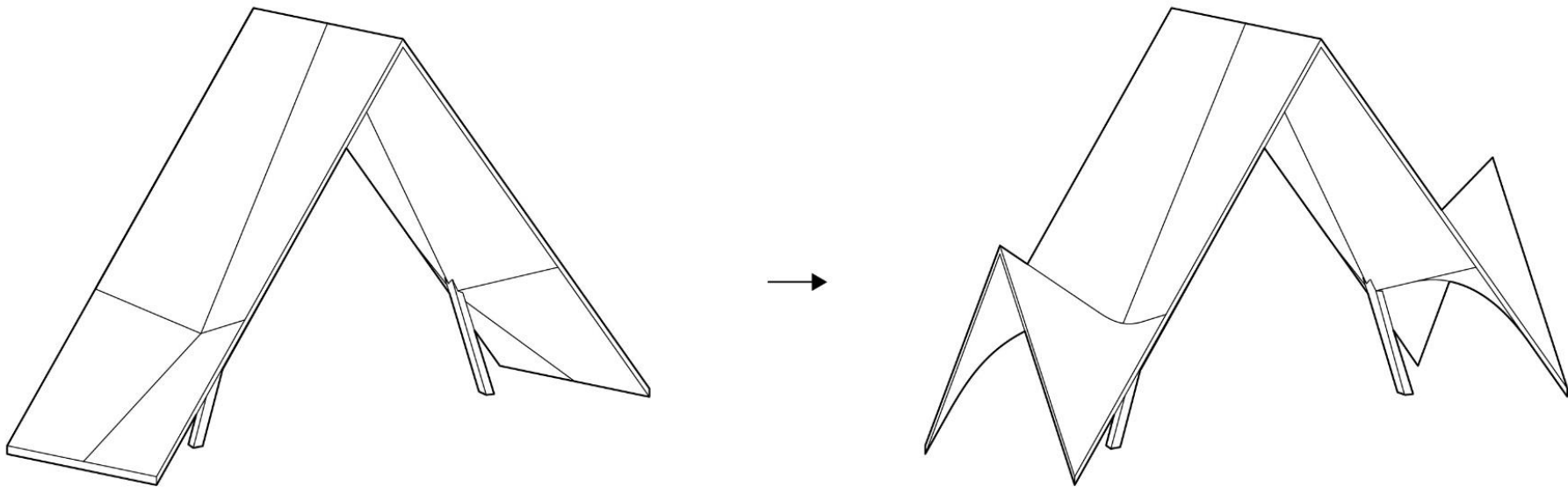


Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955



Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955





Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955



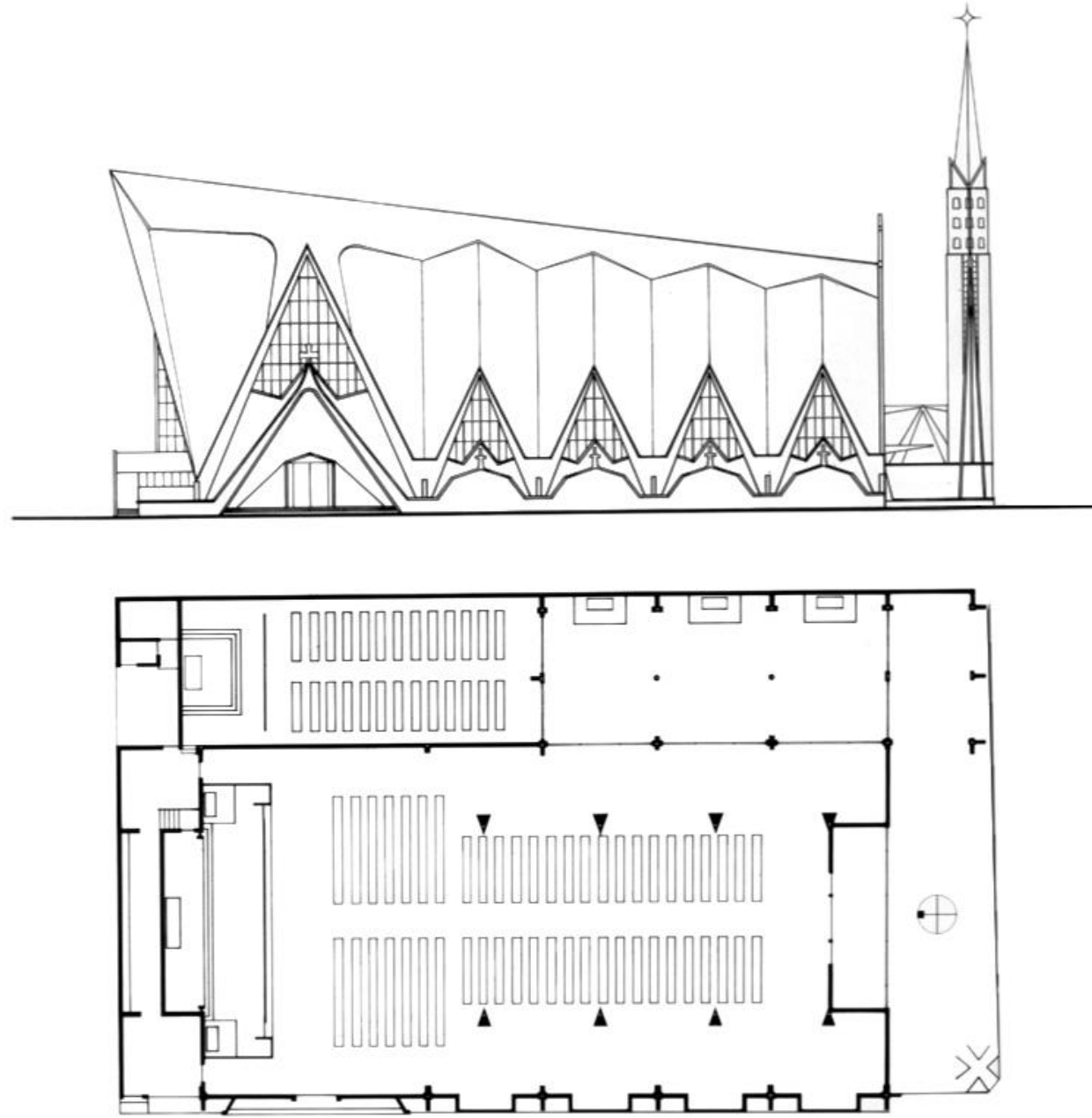
Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955



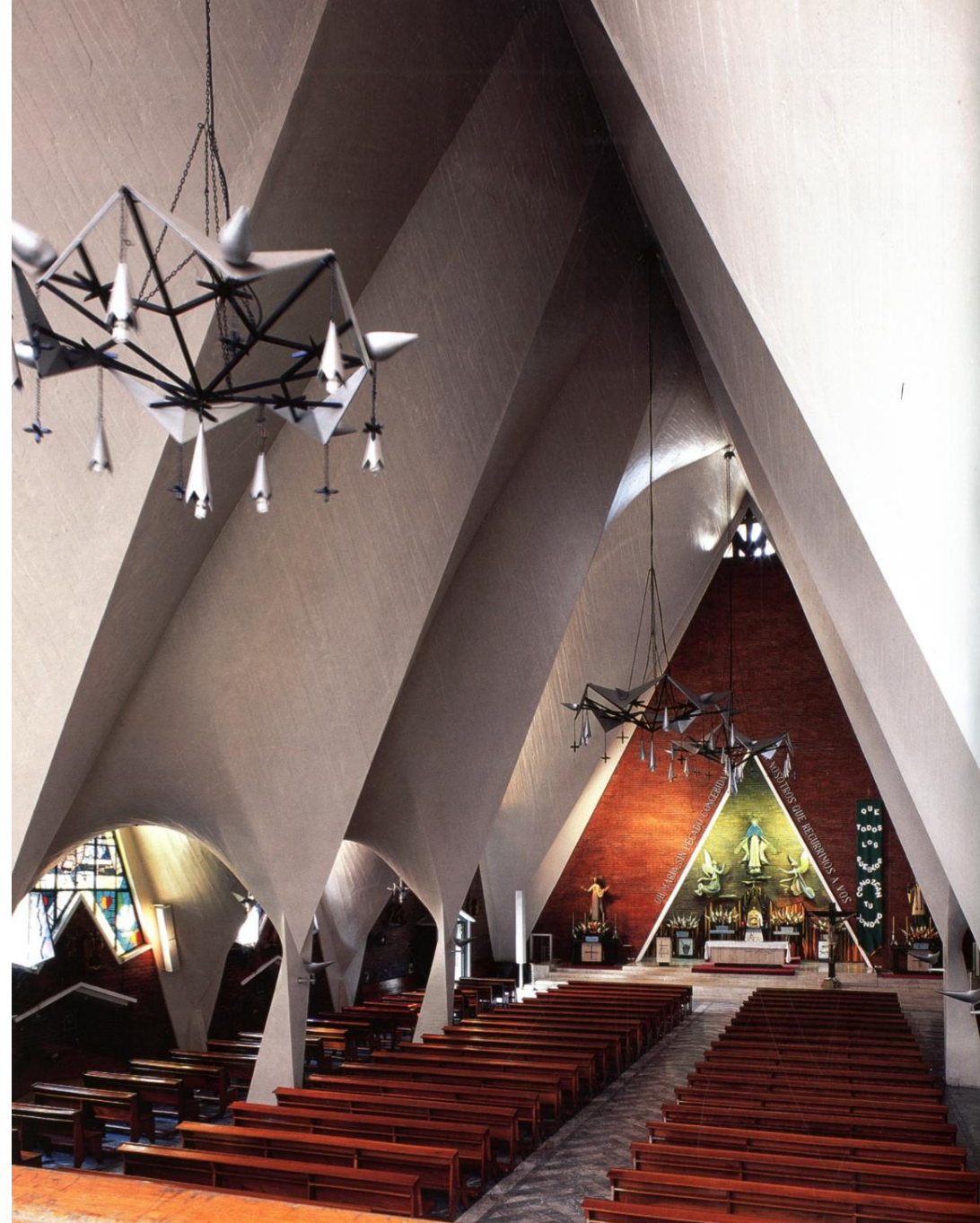
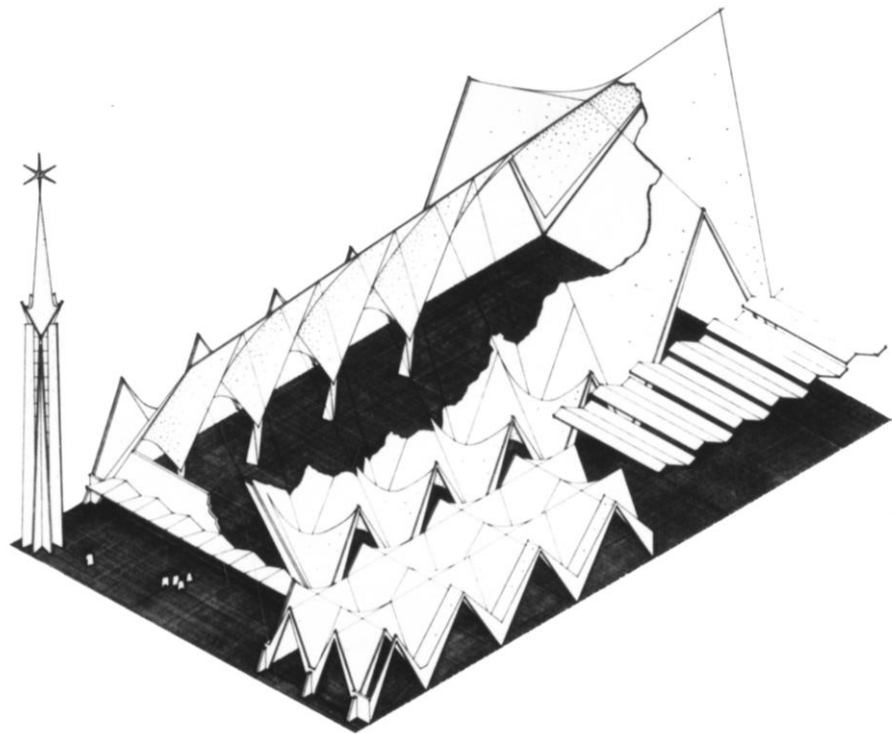


Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955

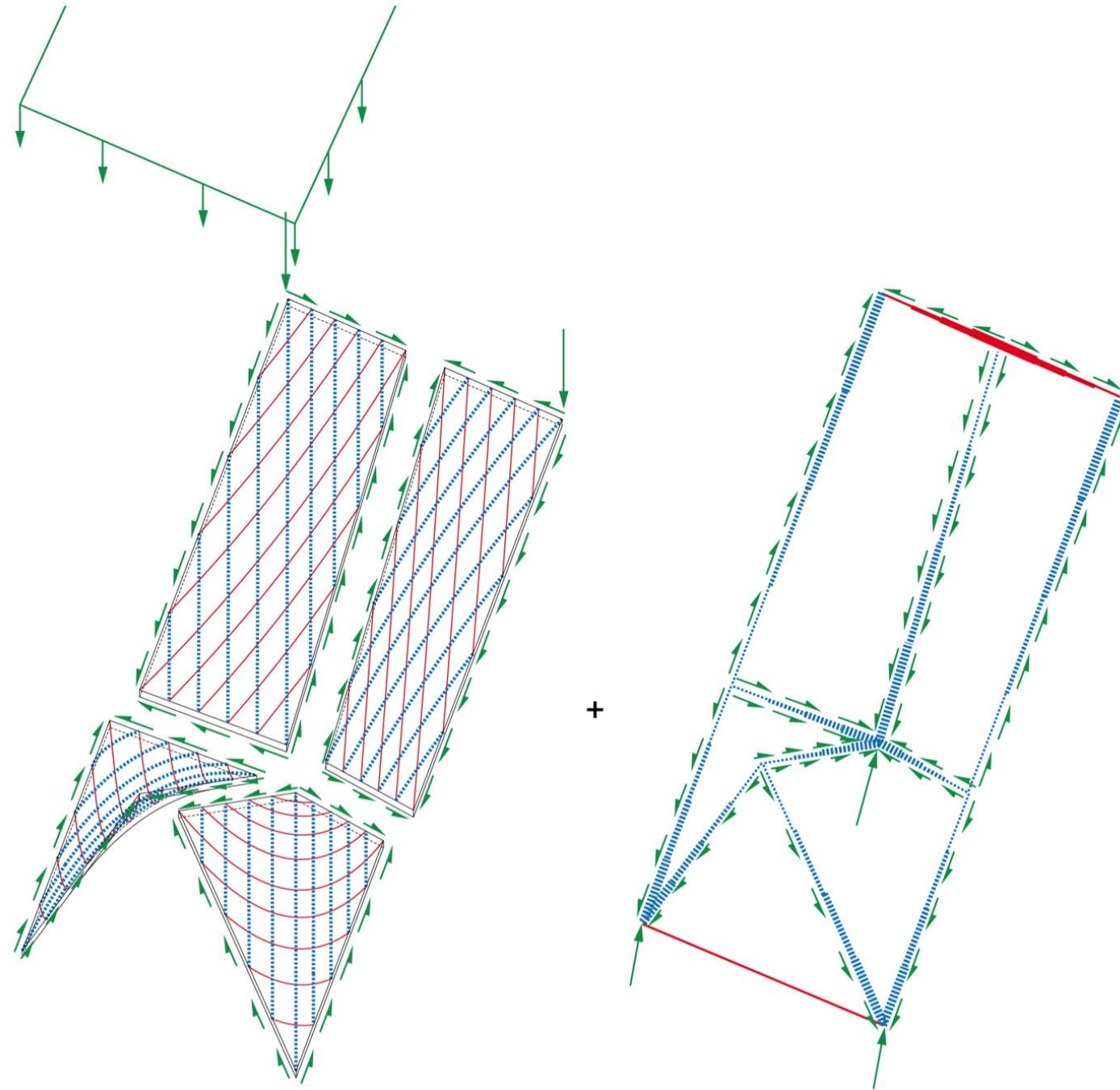




Kirche „la Milagrosa“, Mexiko City, Felix Candela, 1955



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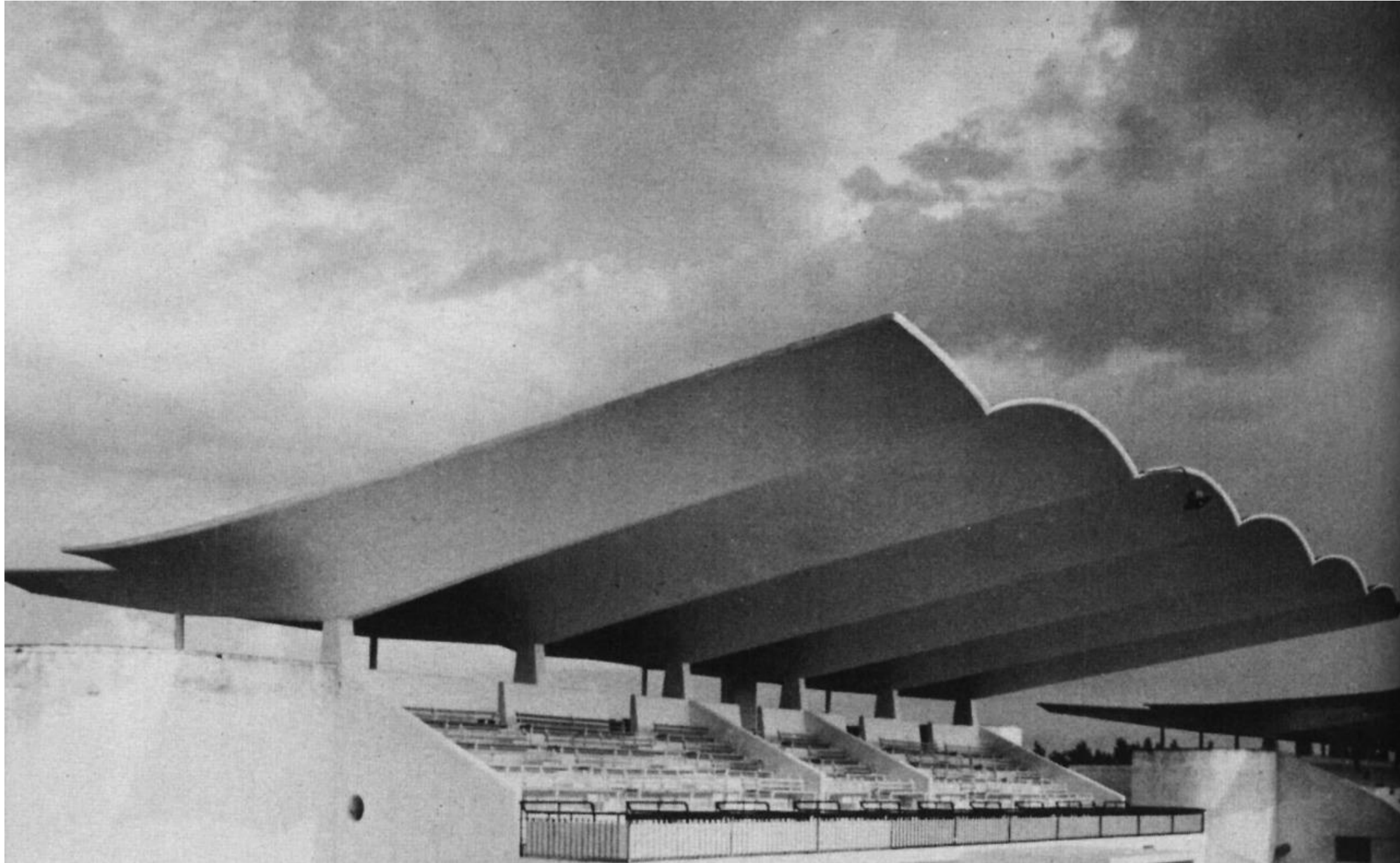
Stabilimento per la lavorazione del marmo

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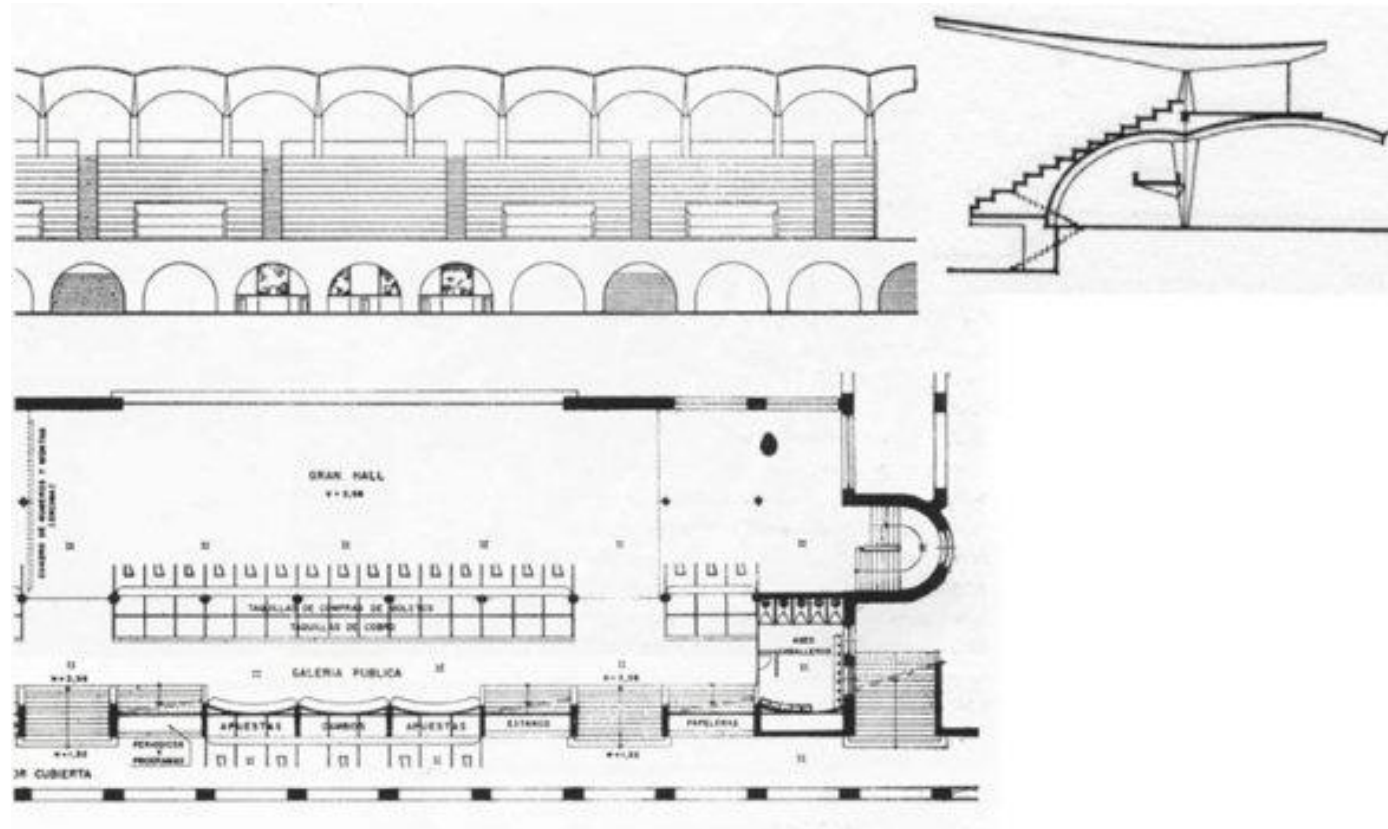
Olympiastadion München



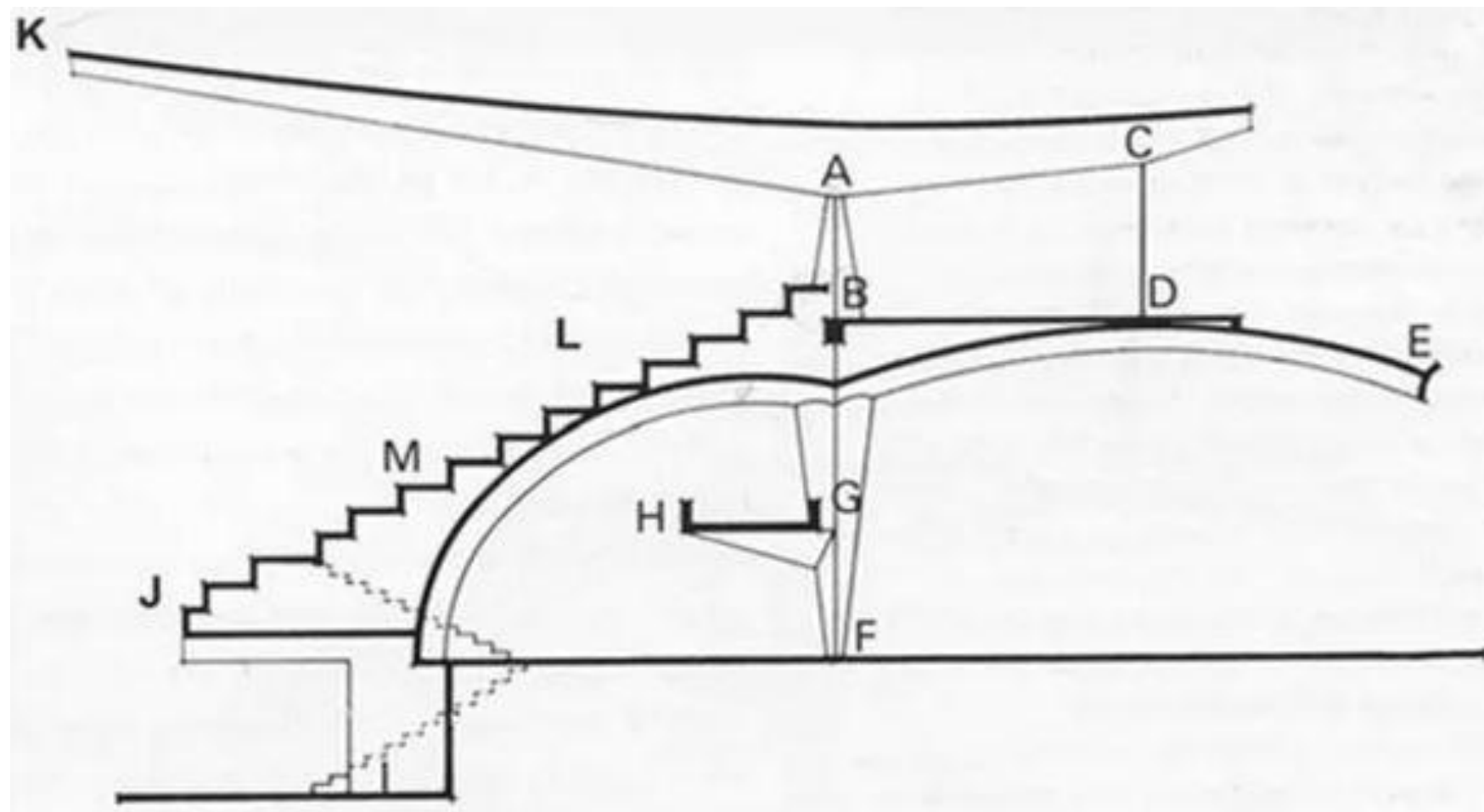


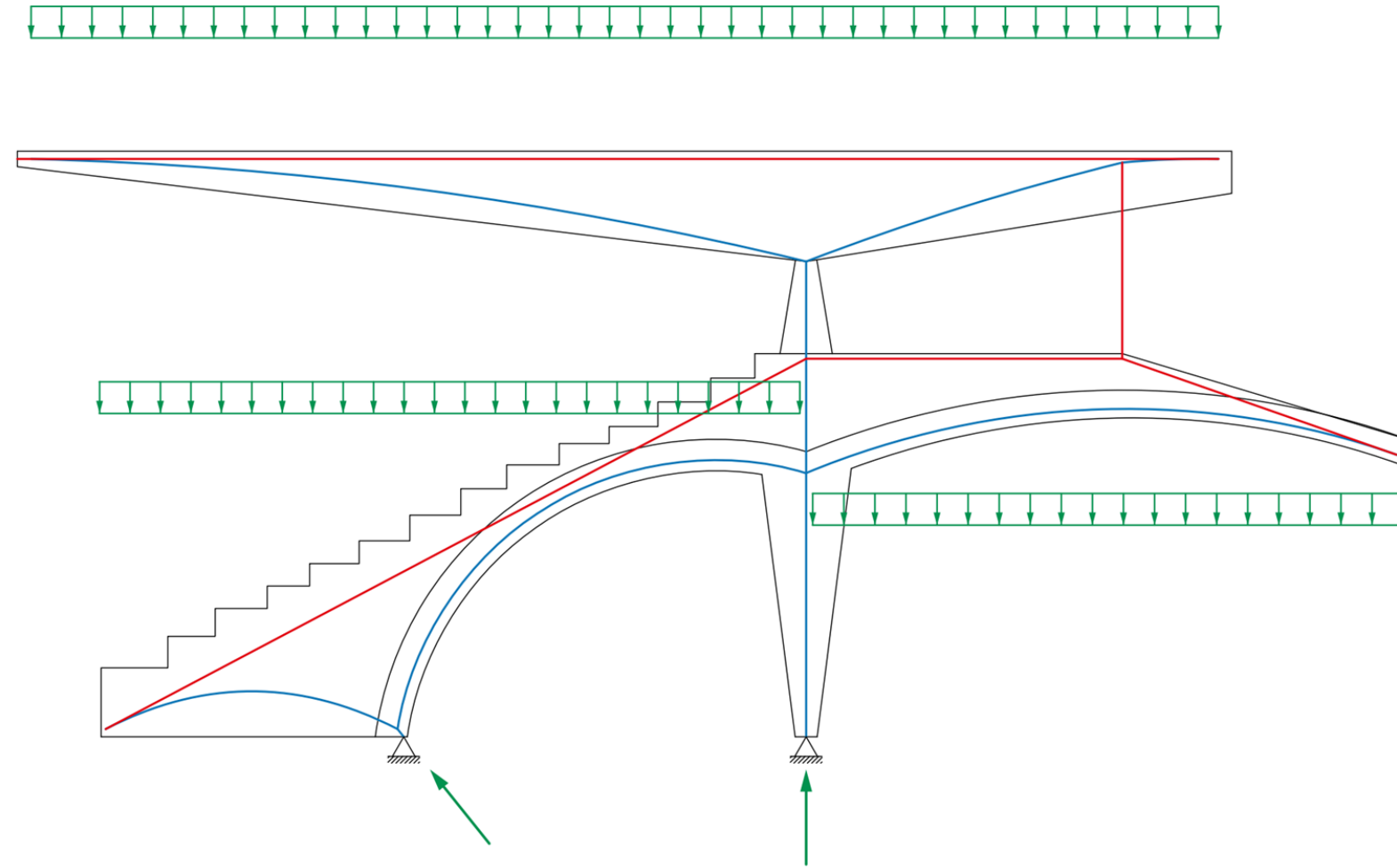
Carlos Arniches, Martín Domínguez, Eduardo Torroja; Pferderennbahn La Zarzuela, 1935



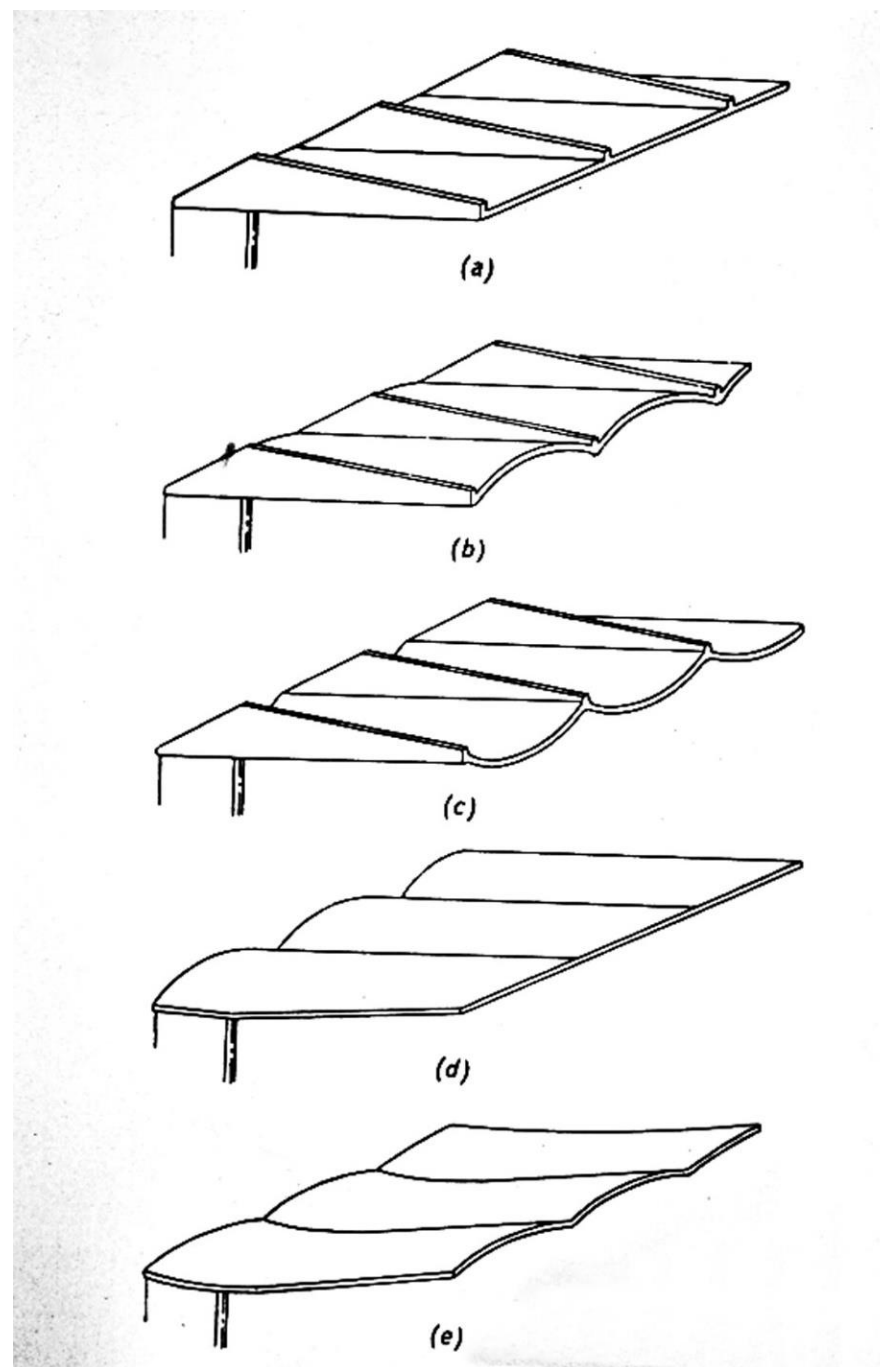


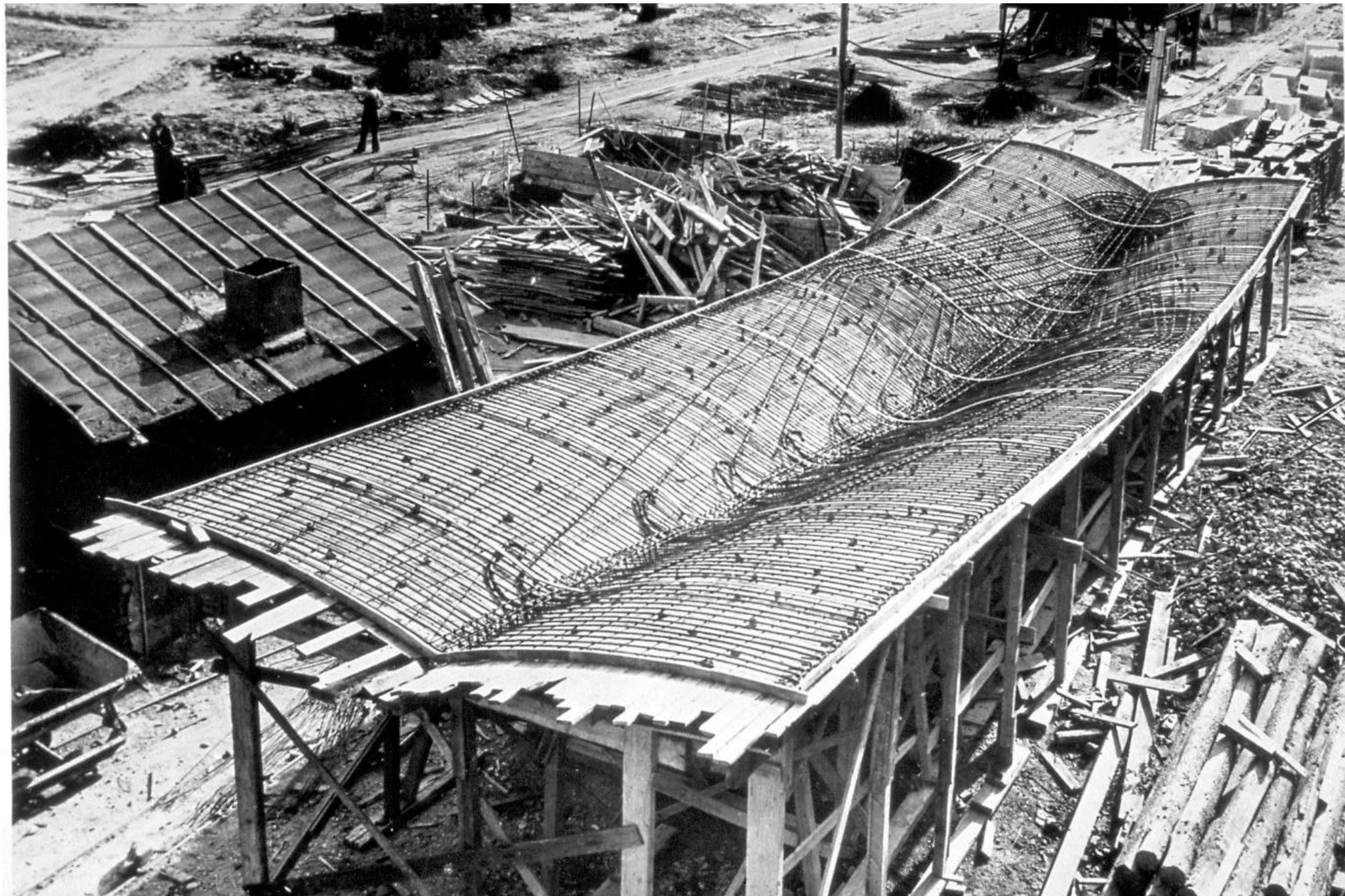
Carlos Arniches, Martín Domínguez, Eduardo Torroja; Pferderennbahn La Zarzuela, 1935





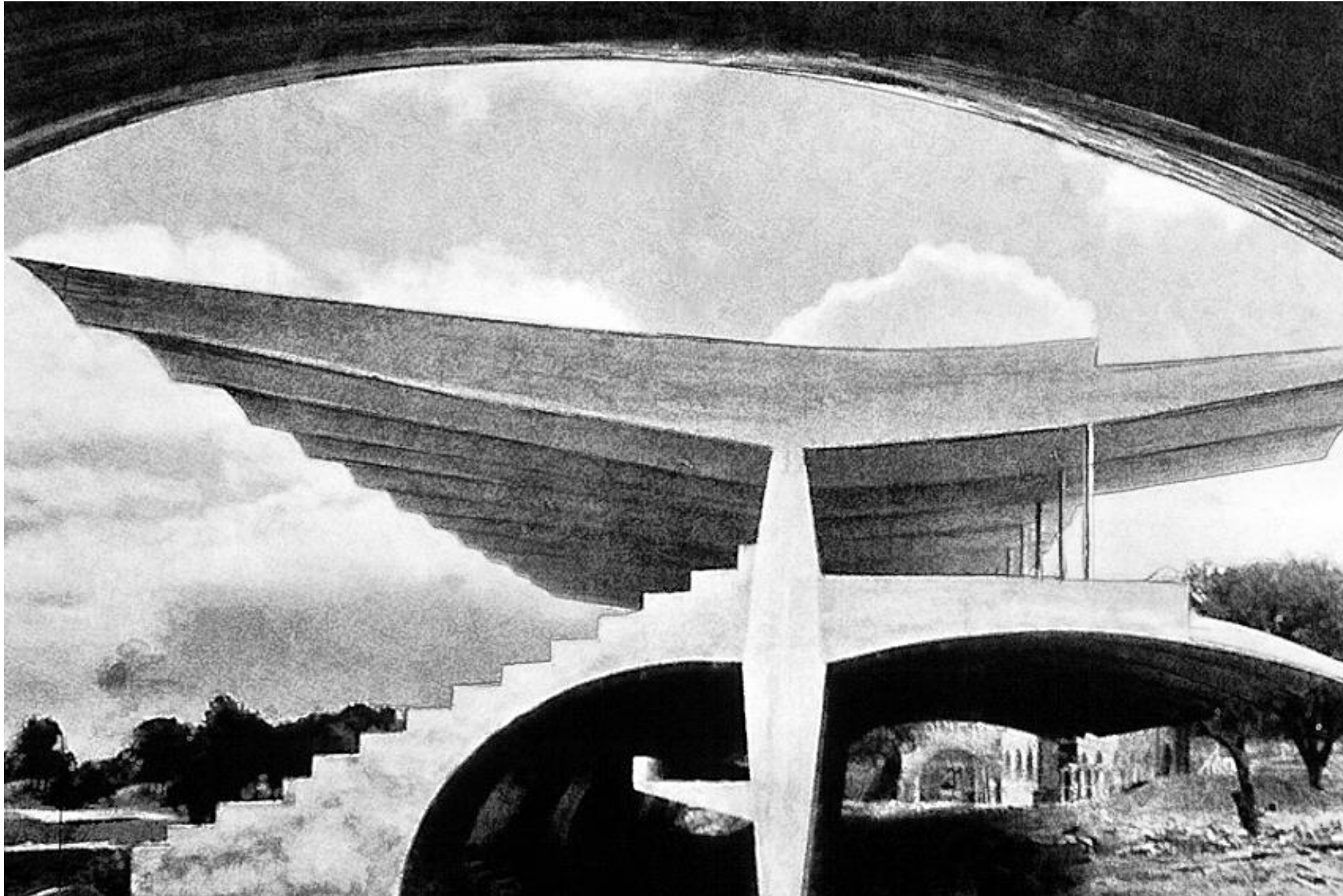






Carlos Arniches, Martín Domínguez, Eduardo Torroja; Pferderennbahn La Zarzuela, 1935





Carlos Arniches, Martín Domínguez, Eduardo Torroja; Pferderennbahn La Zarzuela, 1935



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>> Olympiastadion München



Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,





Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,





Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,





Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,



Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,





Olympiastadion München, Günther Behnisch, Frei Otto, Heinz Isler et al., 1972,

