



NORDIC FACADE FORUM
HELSINKI 9 JUNE 2025

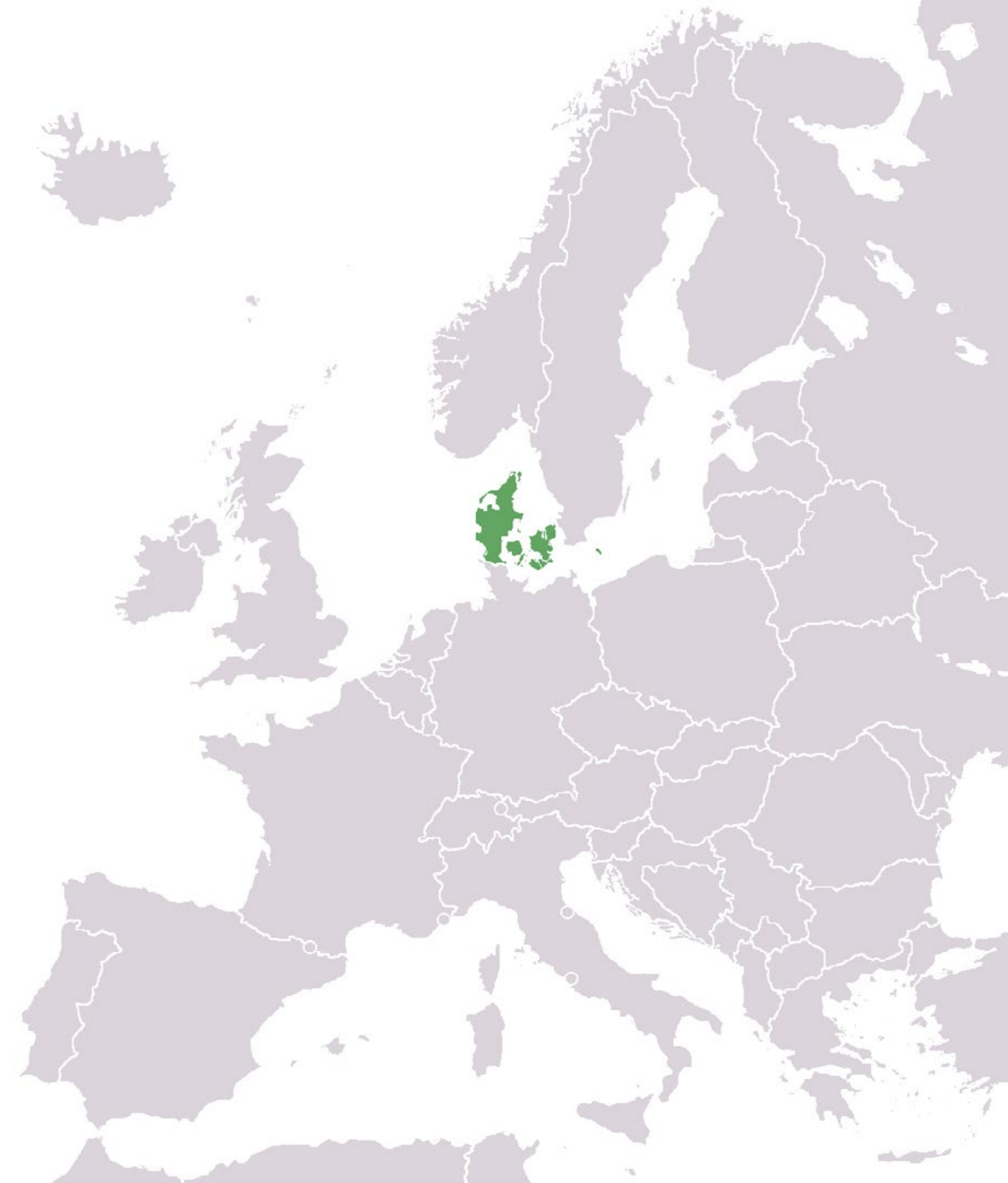
MIKKELSEN ARCHITECTS

FACADE DESIGN FOR NORTHERN CHALLENGES

STIG MIKKELSEN
Founding Partner

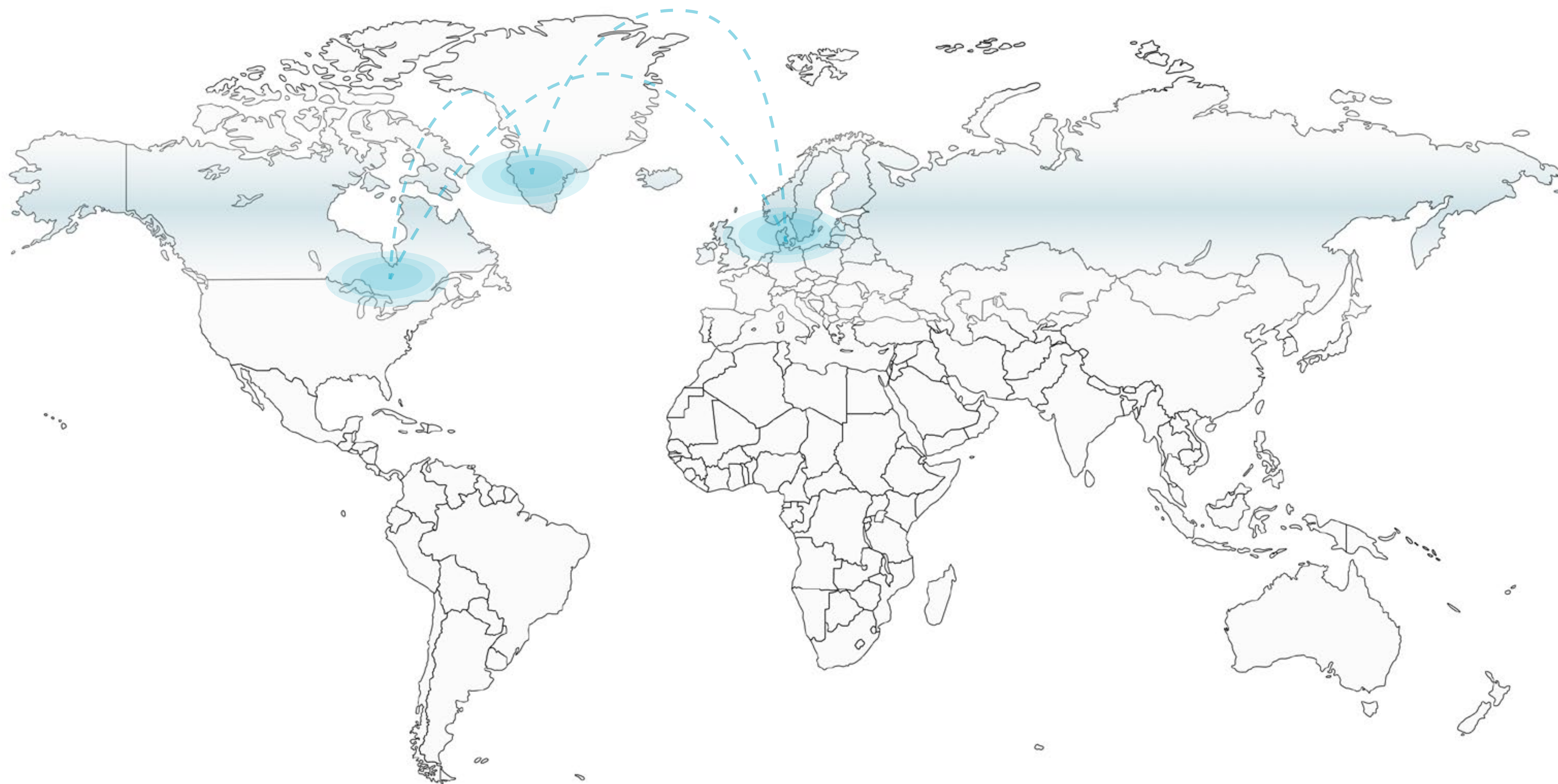


MIKKELSEN ARCHITECTS



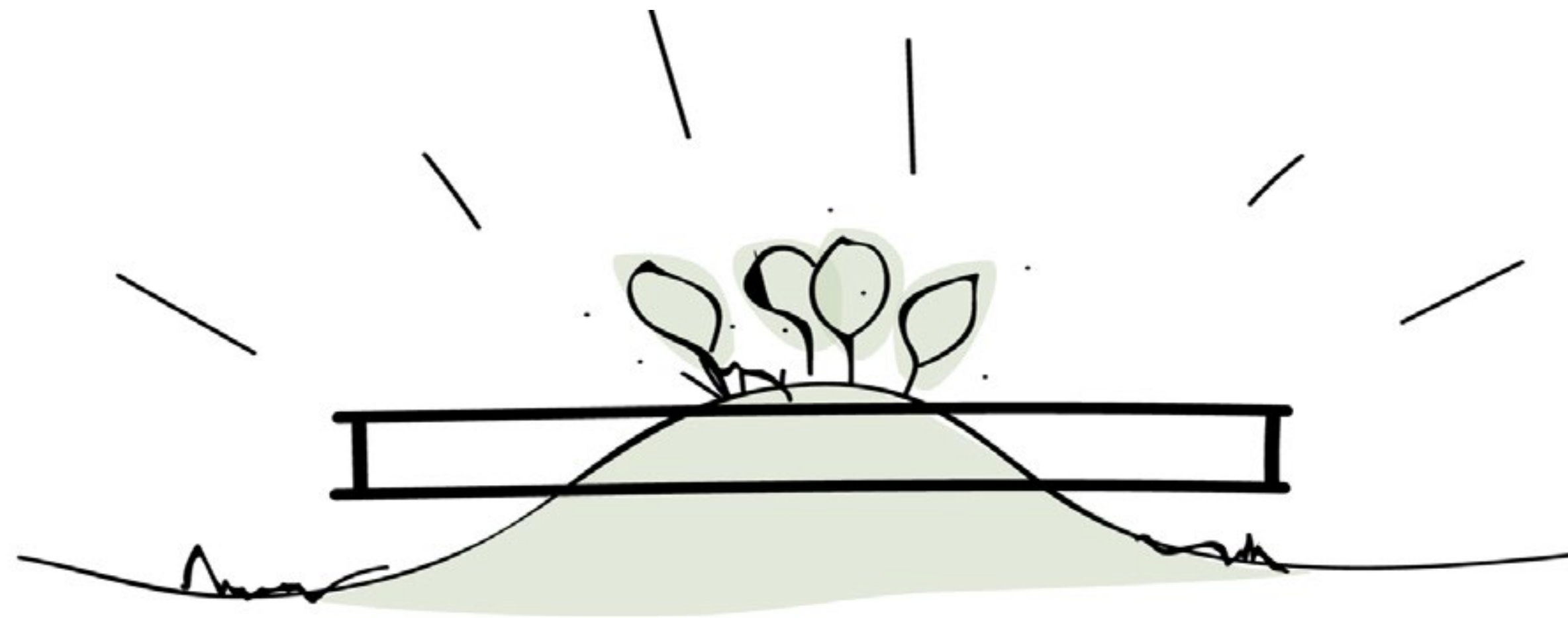


NORDIC CHALLENGE
ACROSS CONTINENTS - SIMILAR CLIMATE ZONES



DESIGN PHILOSOPHY



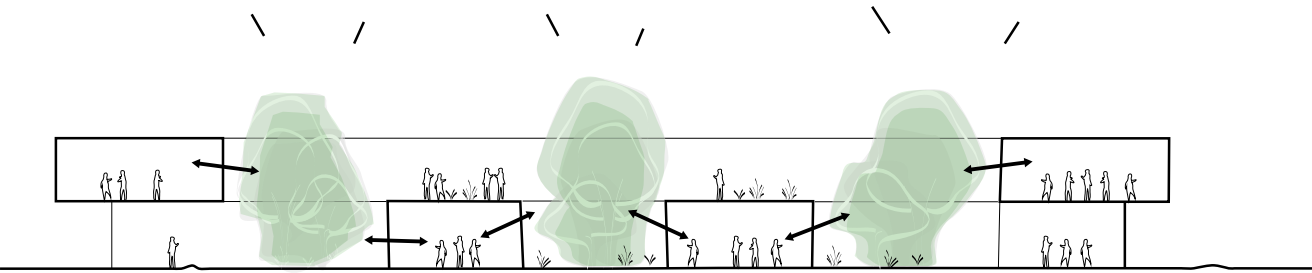




STENO DIABETES CENTER COPENHAGEN HERLEV HOSPITAL

18,000m² TREATMENT & RESEARCH

| | | | |
|----------|---|-----------|--|
| Location | Herlev, Denmark | Architect | Mikkelsen Arkitekter A/S Vilhelm Lauritzen Arkitekter |
| Client | Region Hovedstaden & Novo Nordisk Fonden | Landscape | STED |
| Area | 18.200 m ² | Engineer | COWI |
| Status | Completed 2021 | Photos | Coast Studio & Sjavit Maestro |

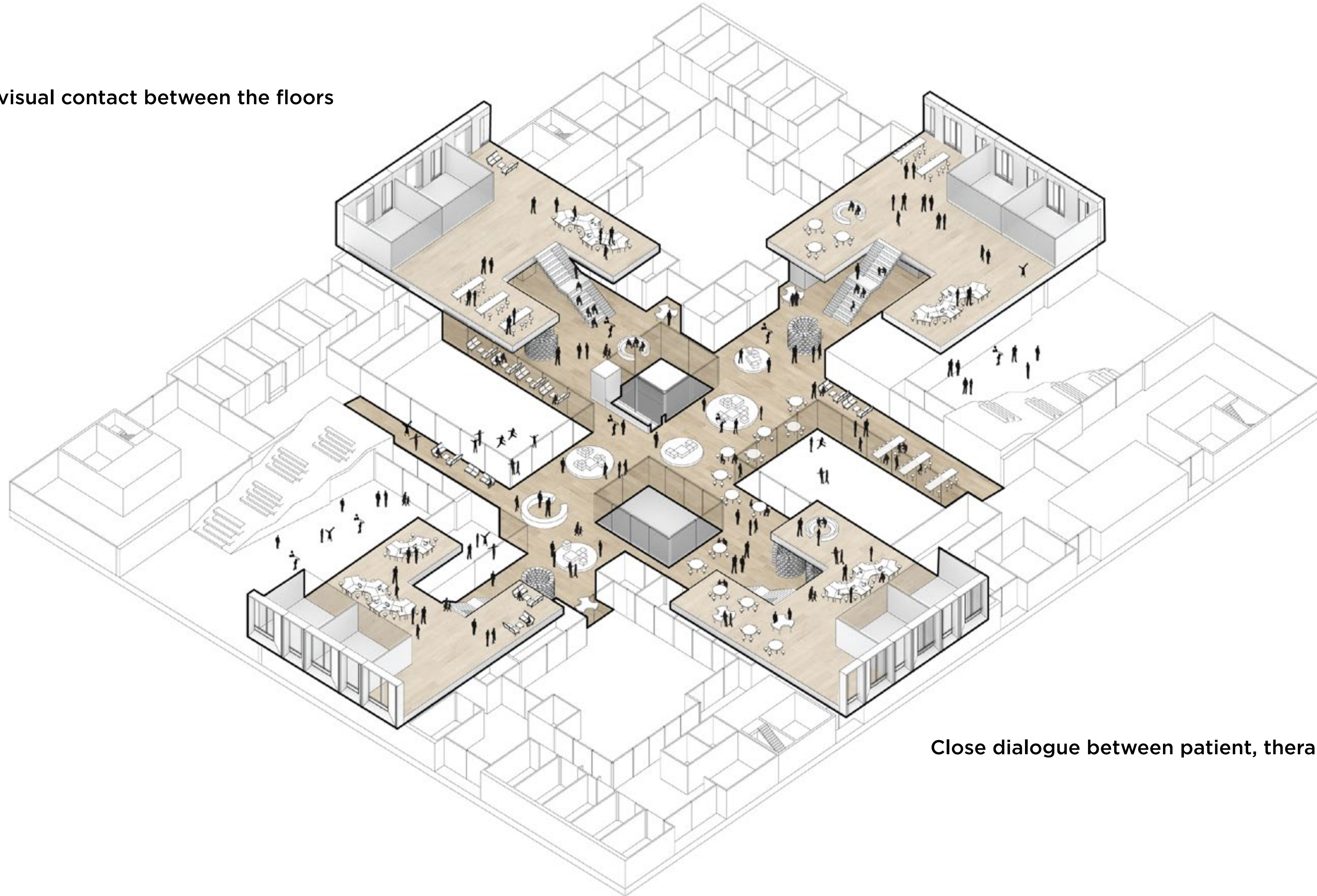


- Awards**
- MIPIM: Best Healthcare Development Nominee (2022),
 - Architizer A+ Popular Choice Award: Hospital & Healthcare Centers (2022),
 - Danish Tyndplade Award (2022),
 - Archello Jury Winner: Healthcare Building of the Year (2023)
 - Archello Public Vote: Healthcare Building of the Year (2023)
 - ArchDaily: Building of the Year, Healthcare (2024)



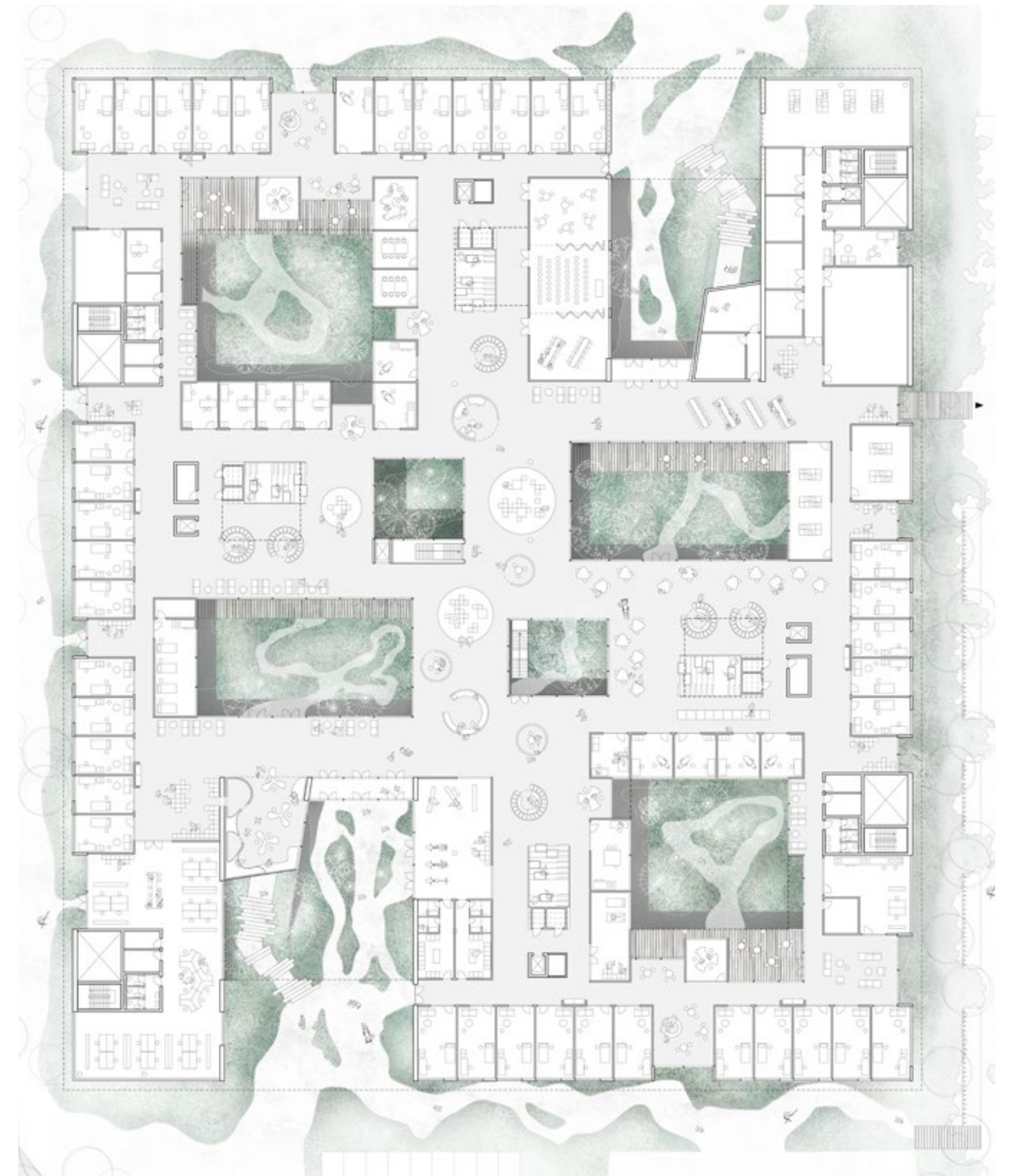


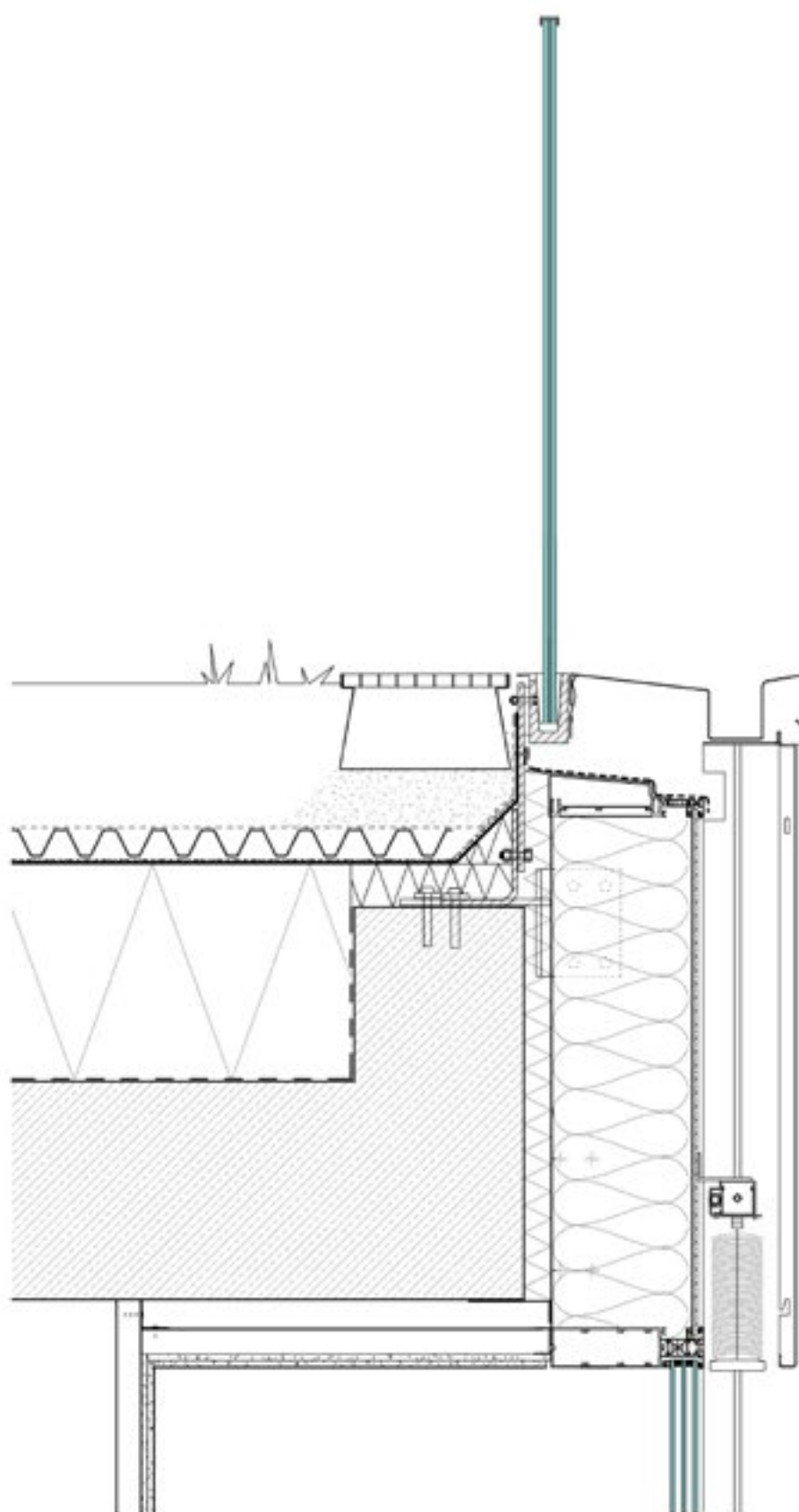
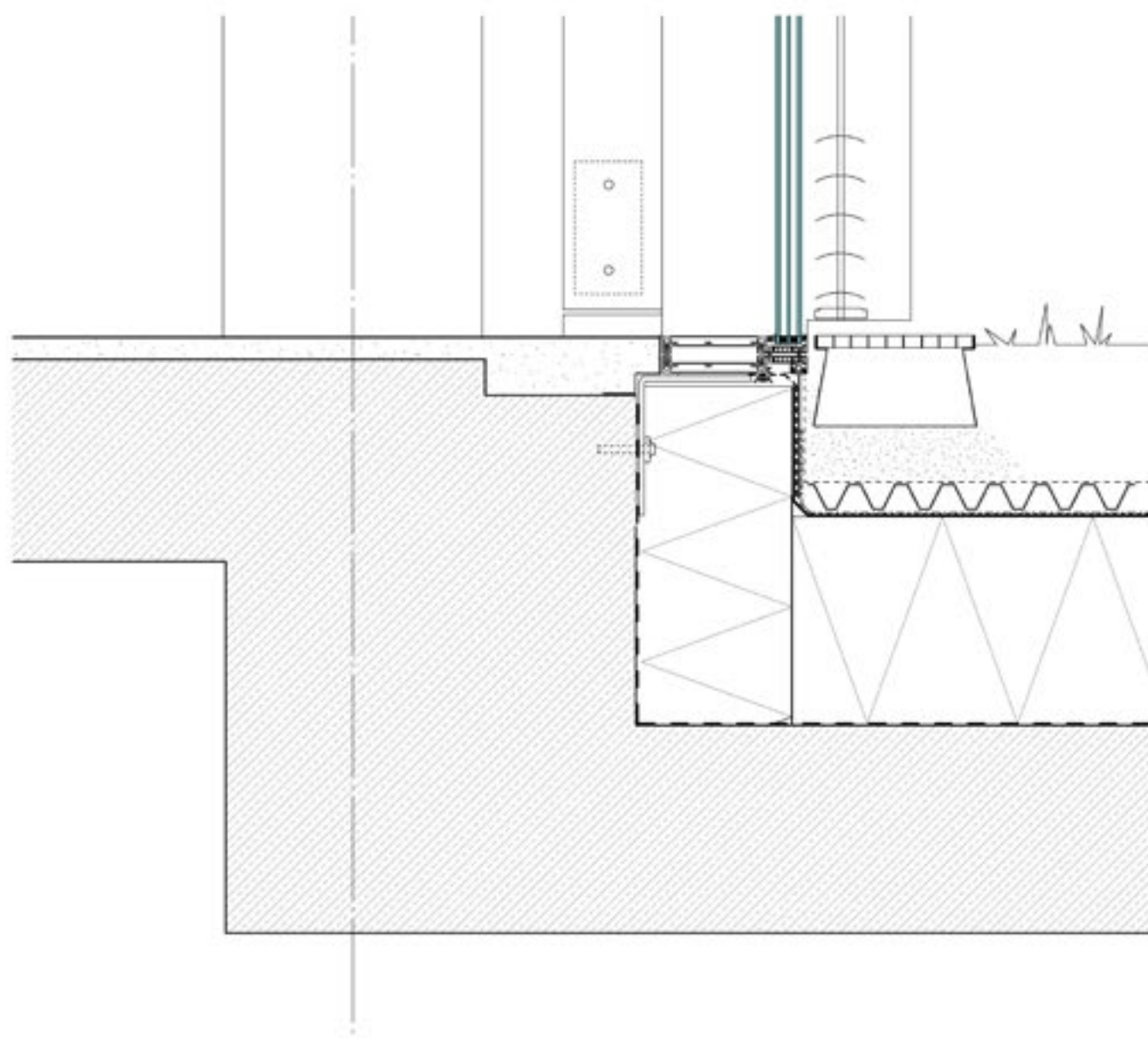
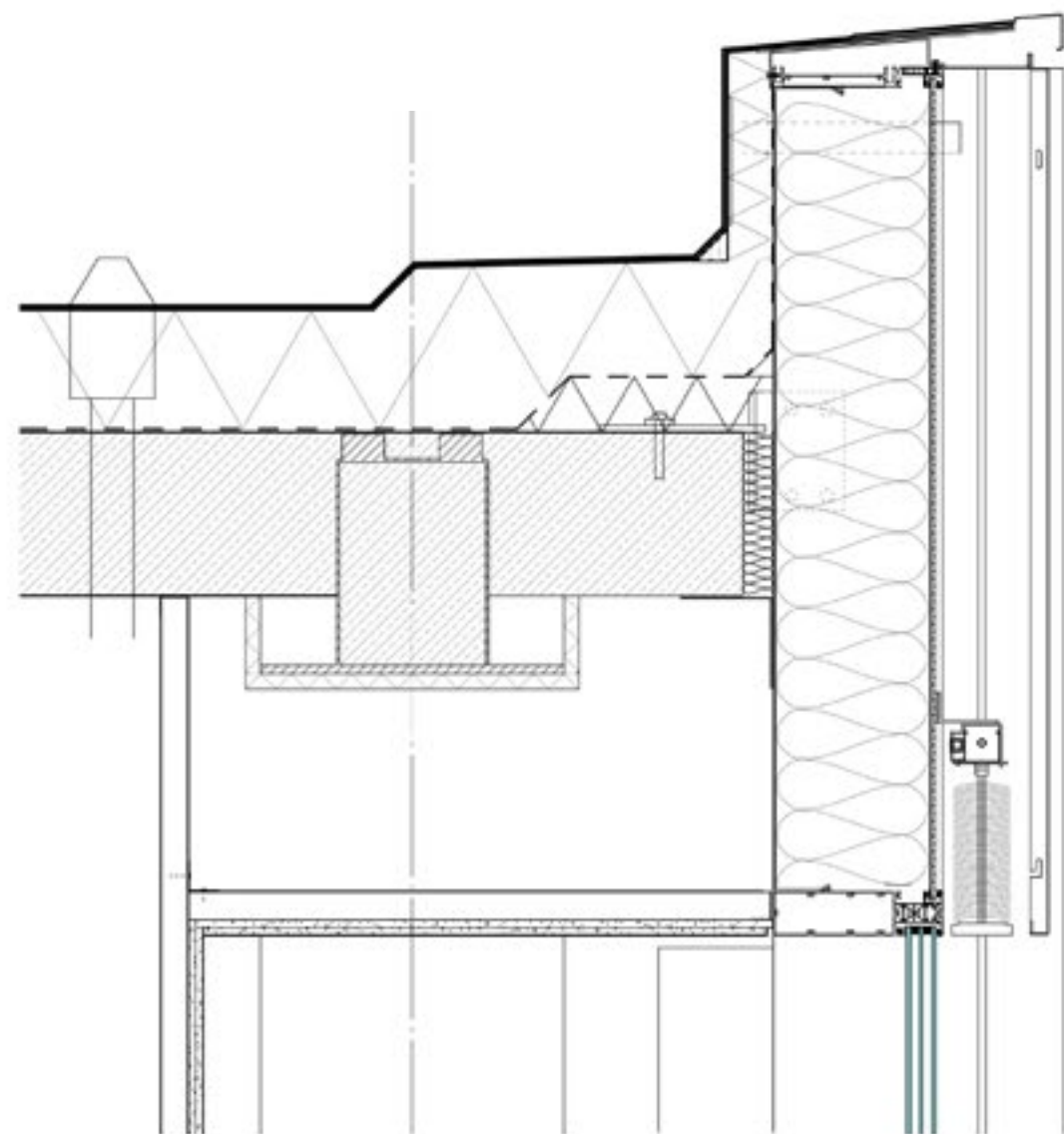
A visual contact between the floors

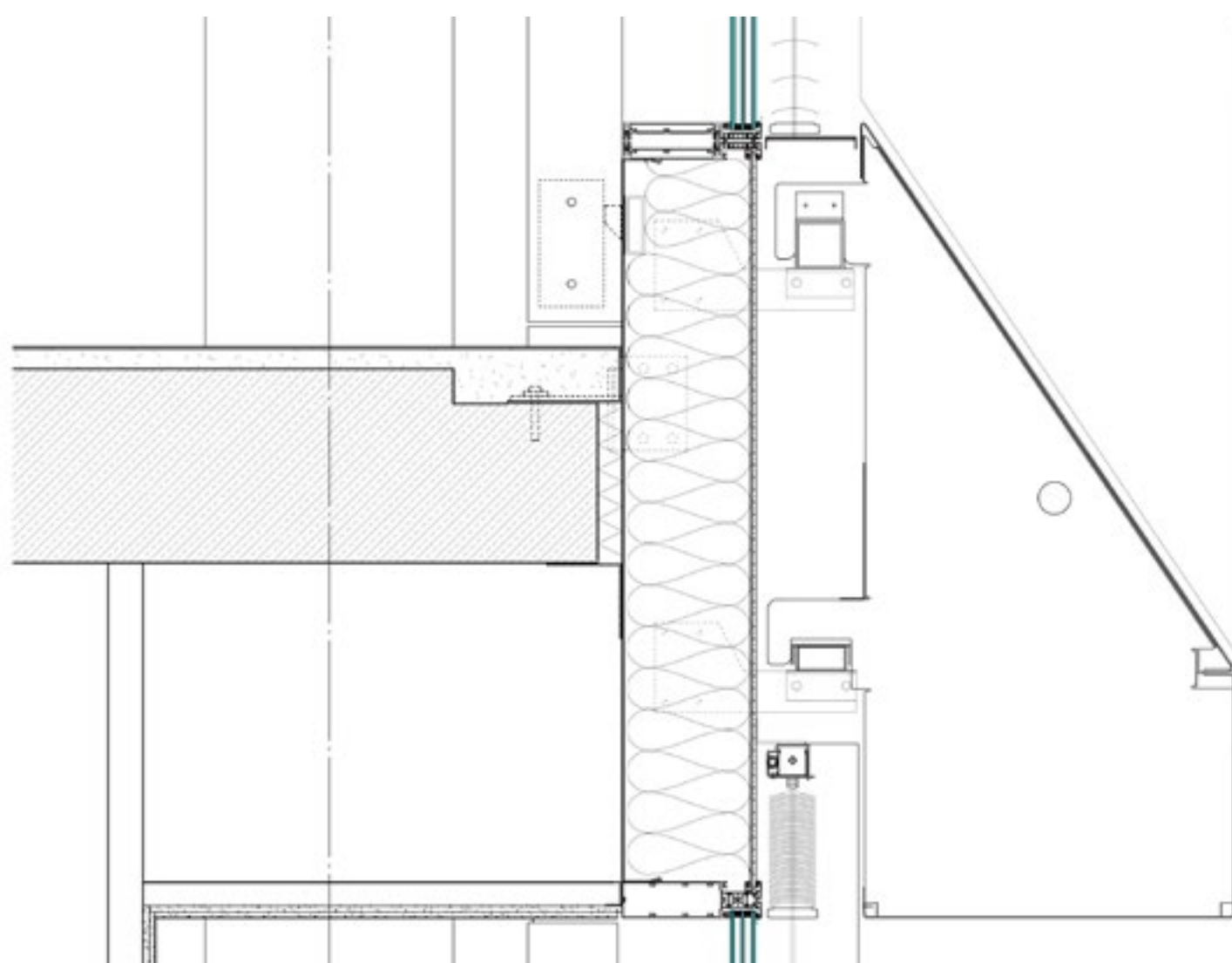
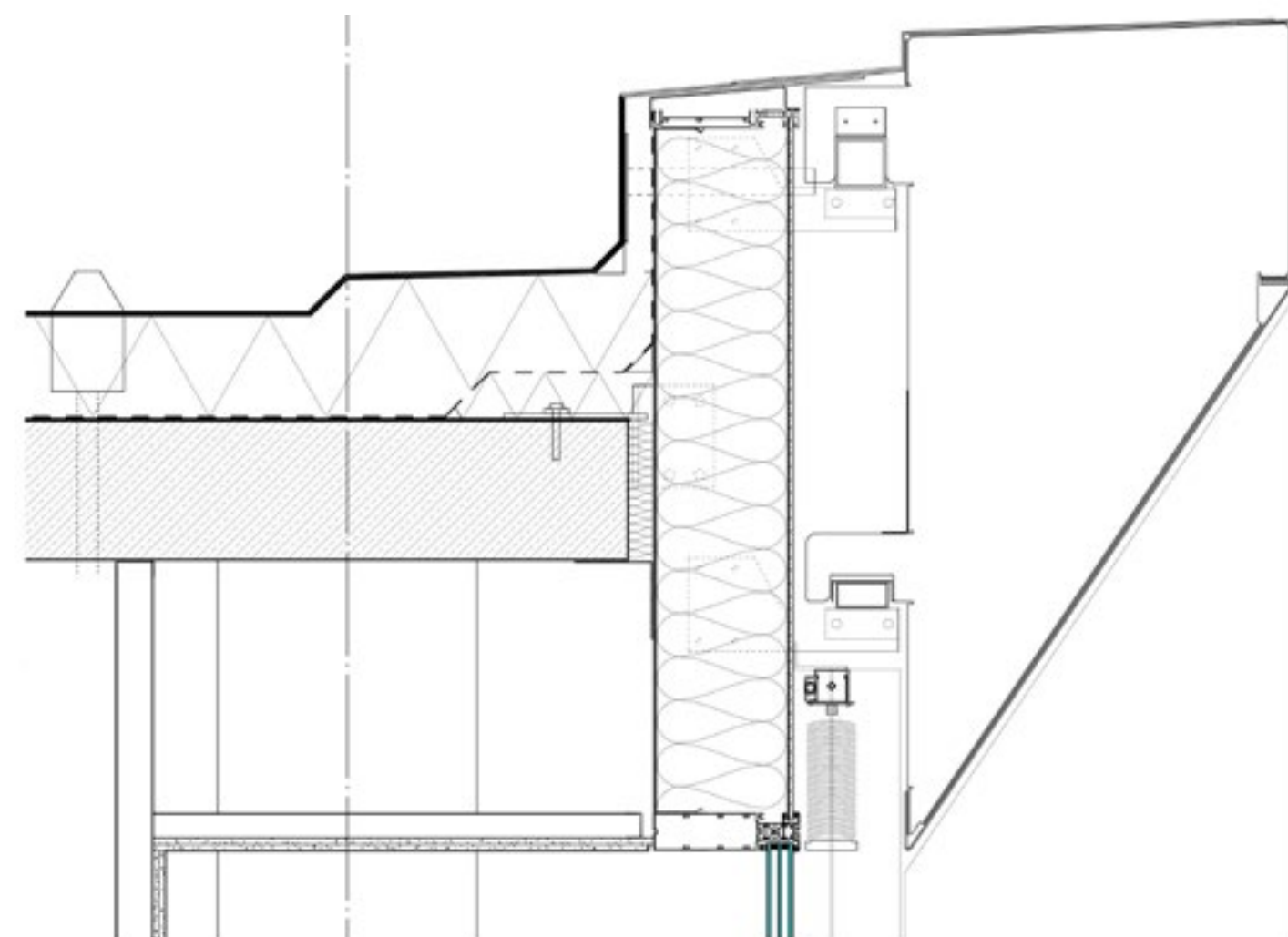


Close dialogue between patient, therapist and researcher





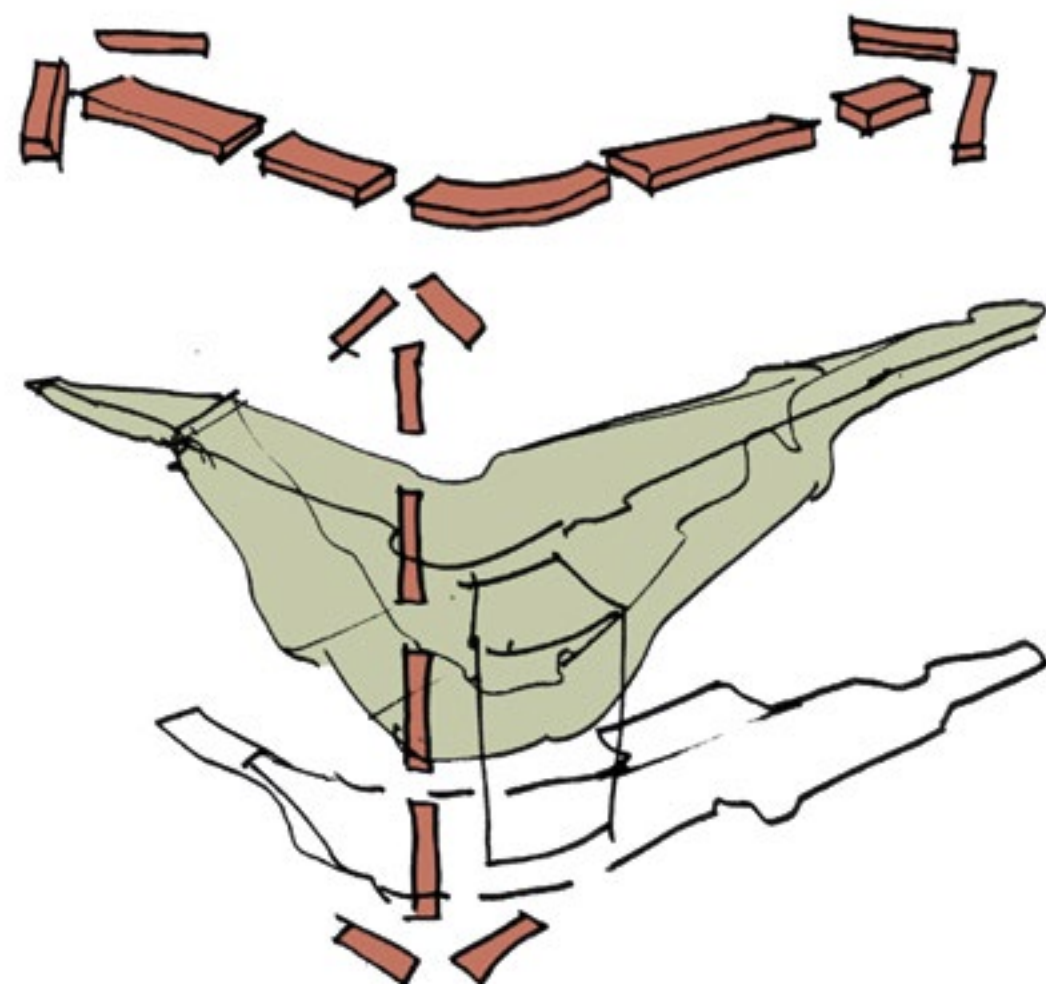
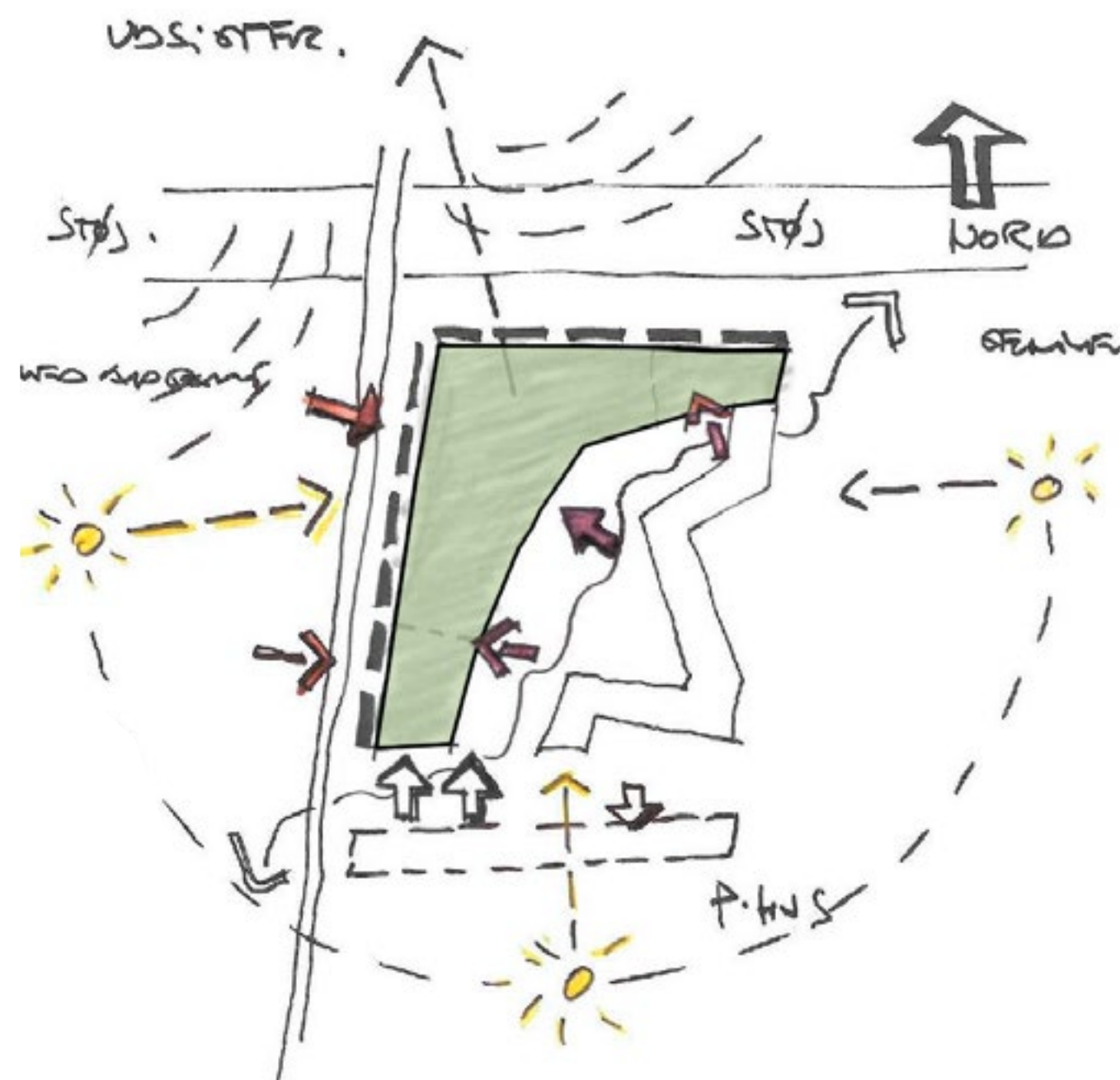




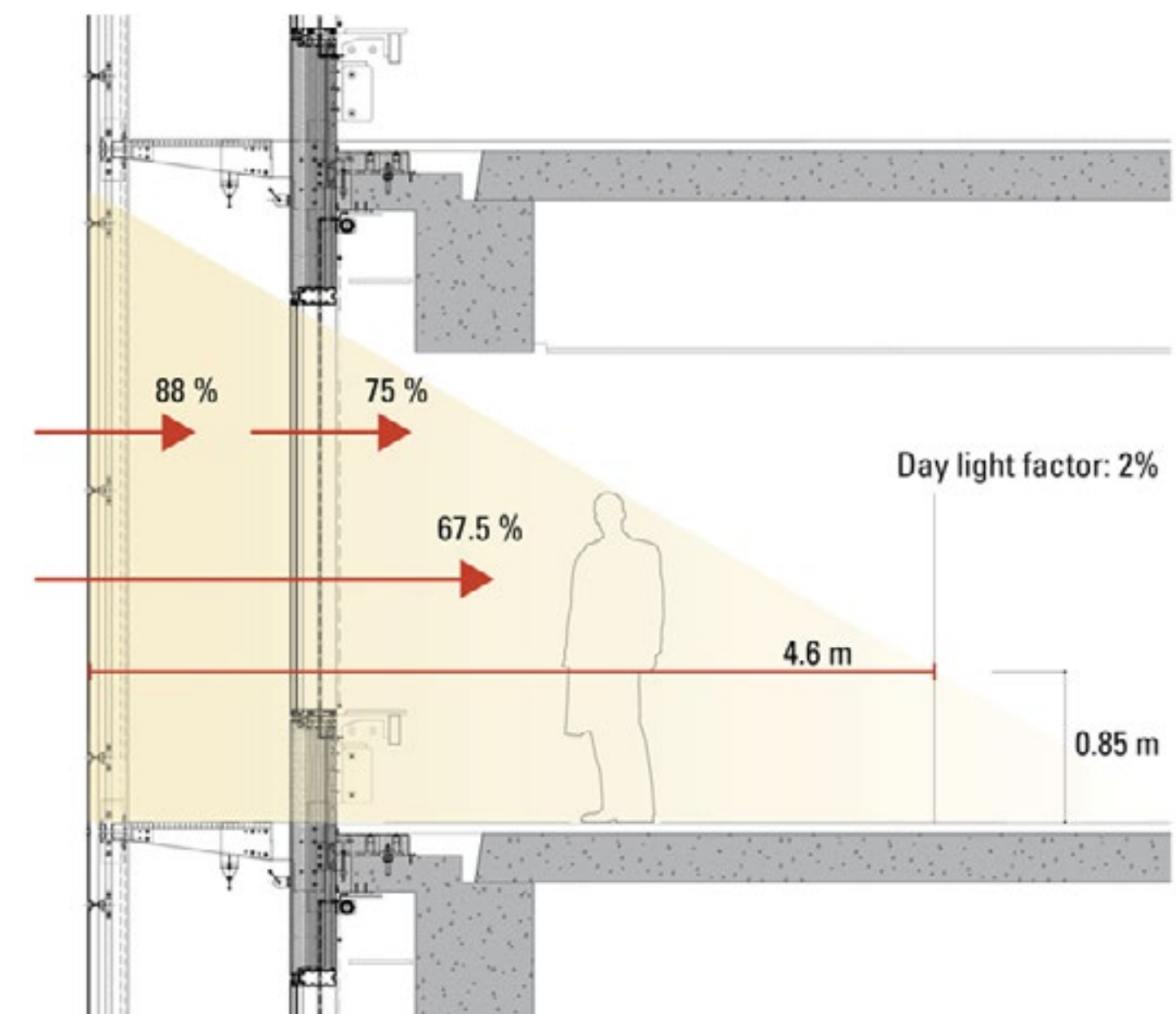
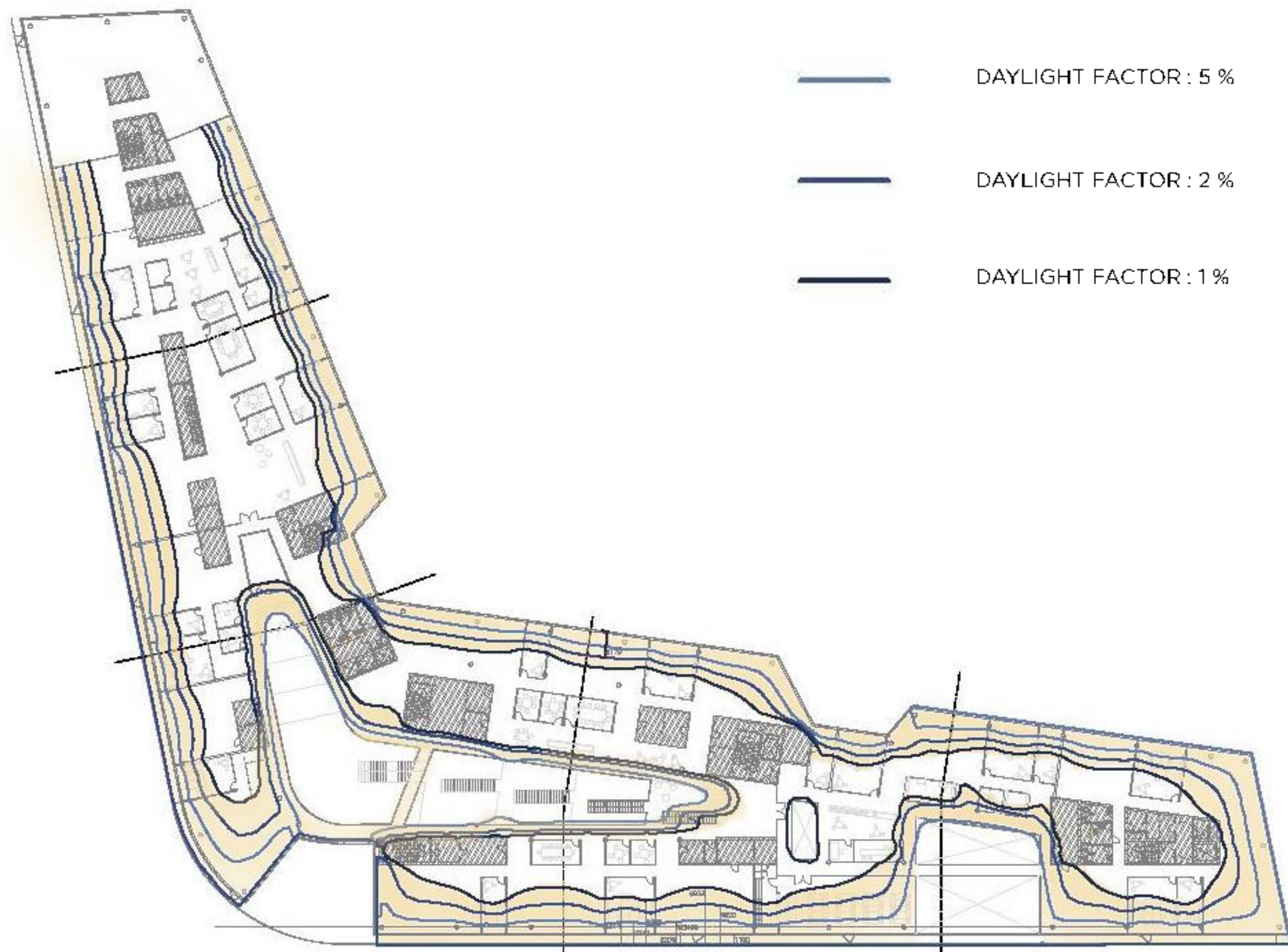


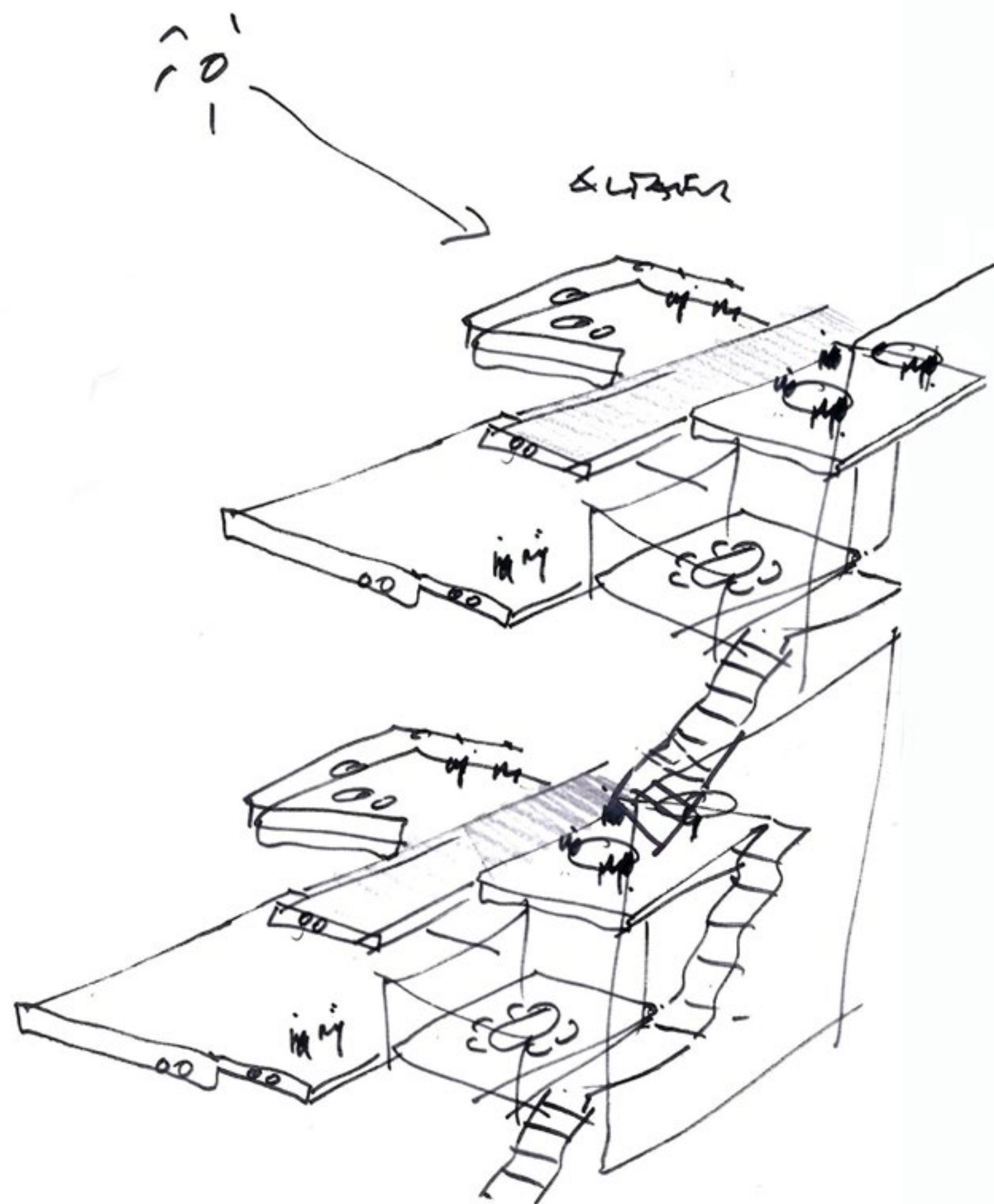




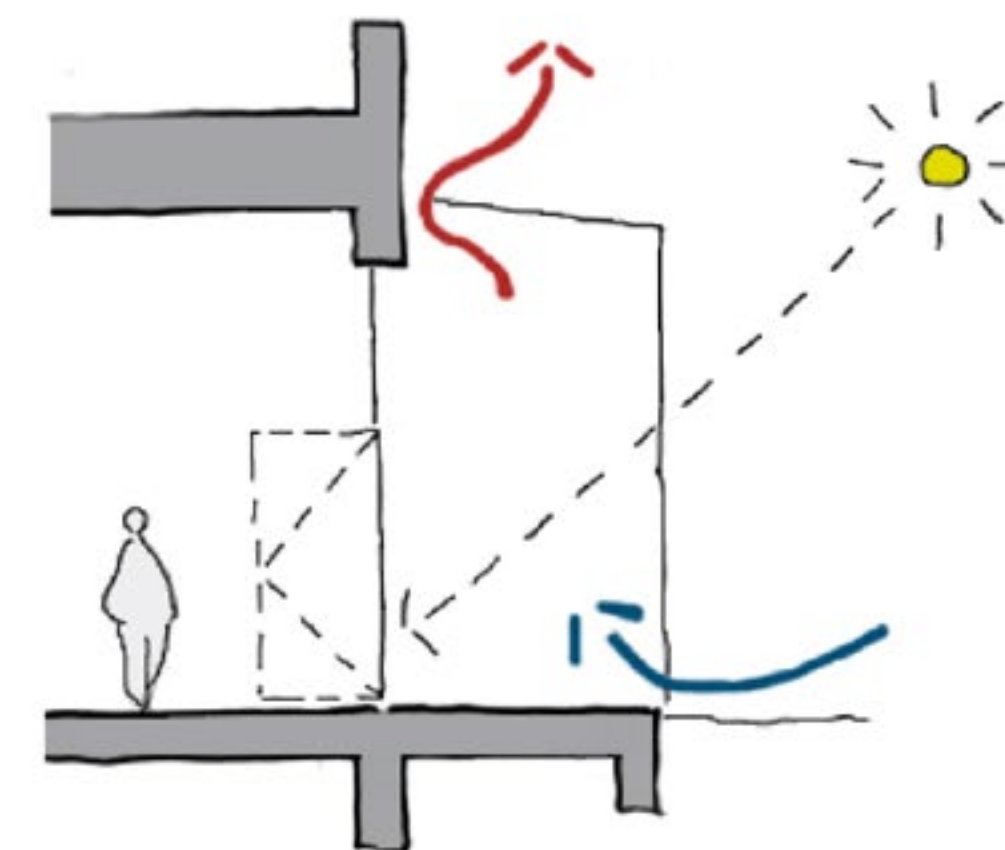
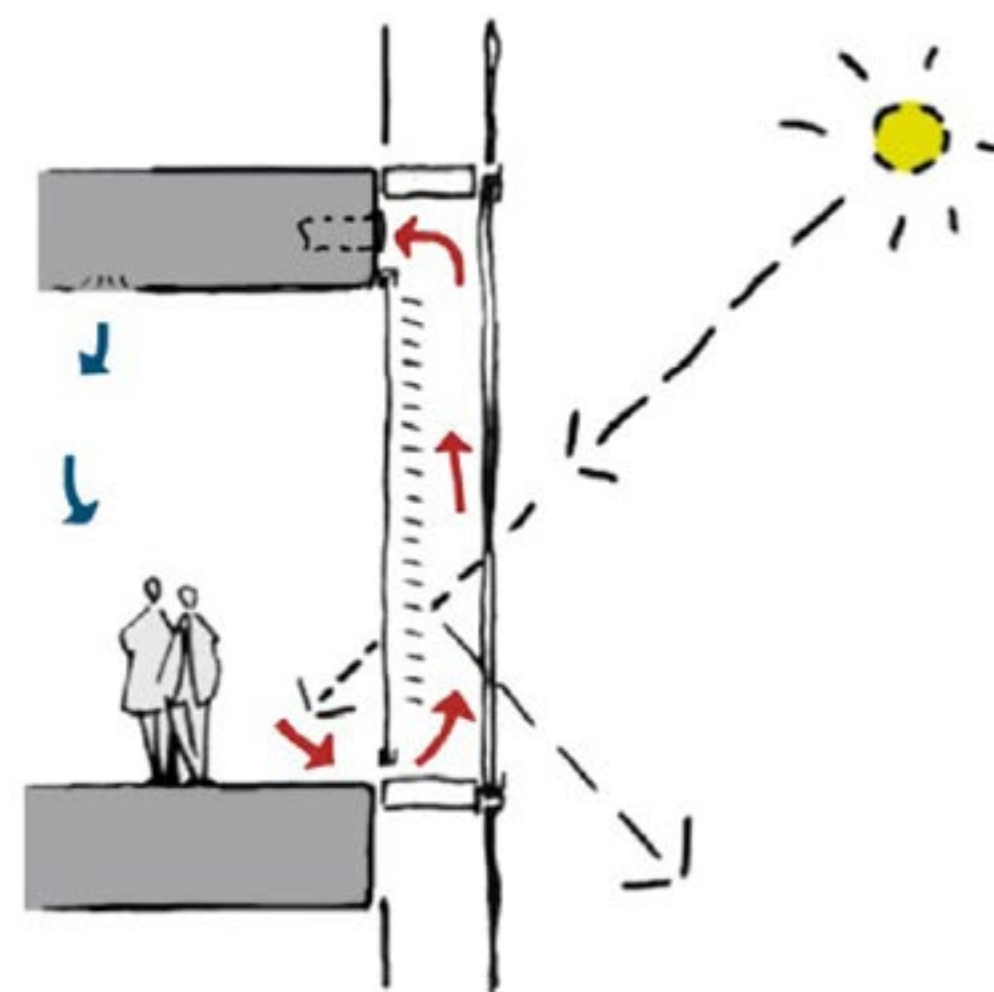
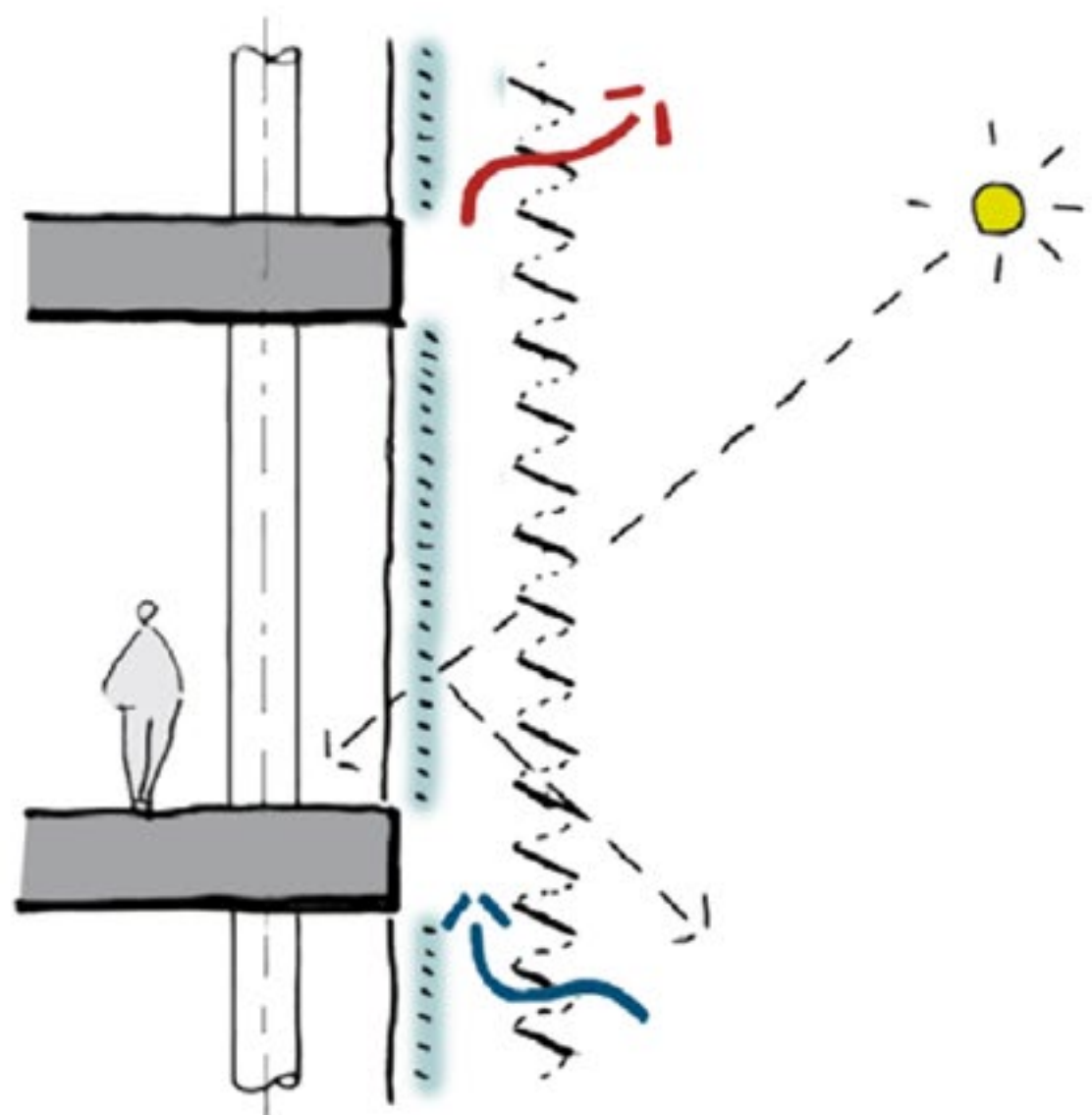
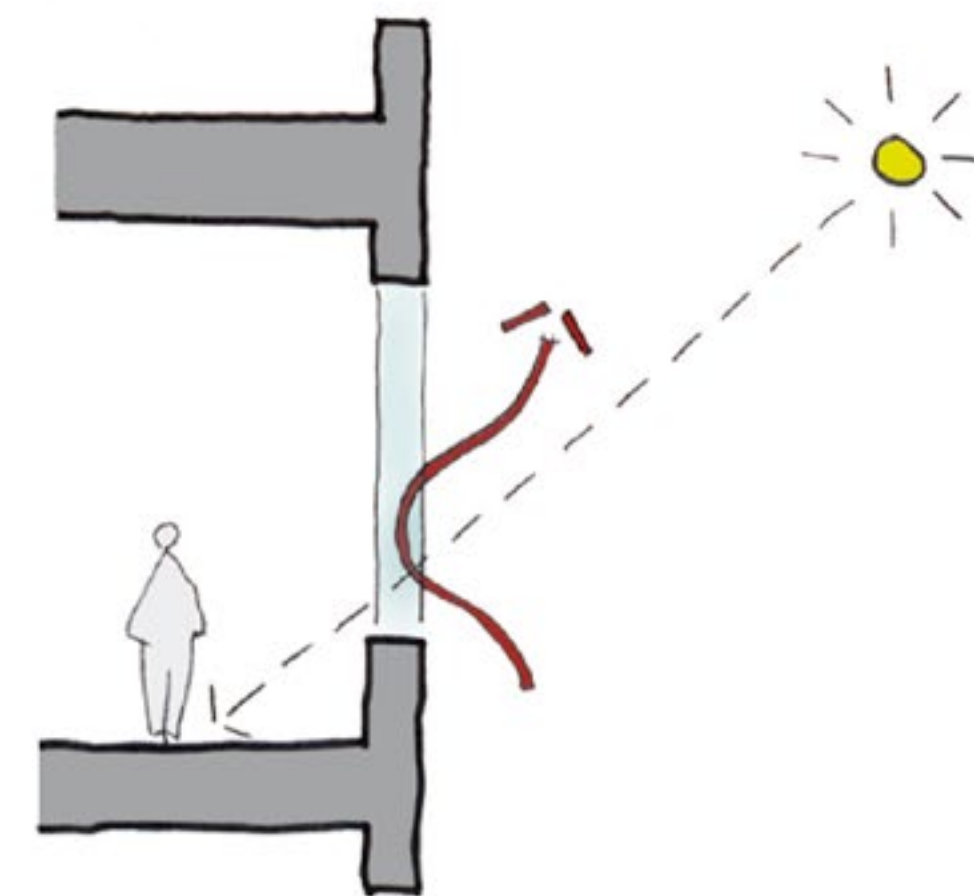
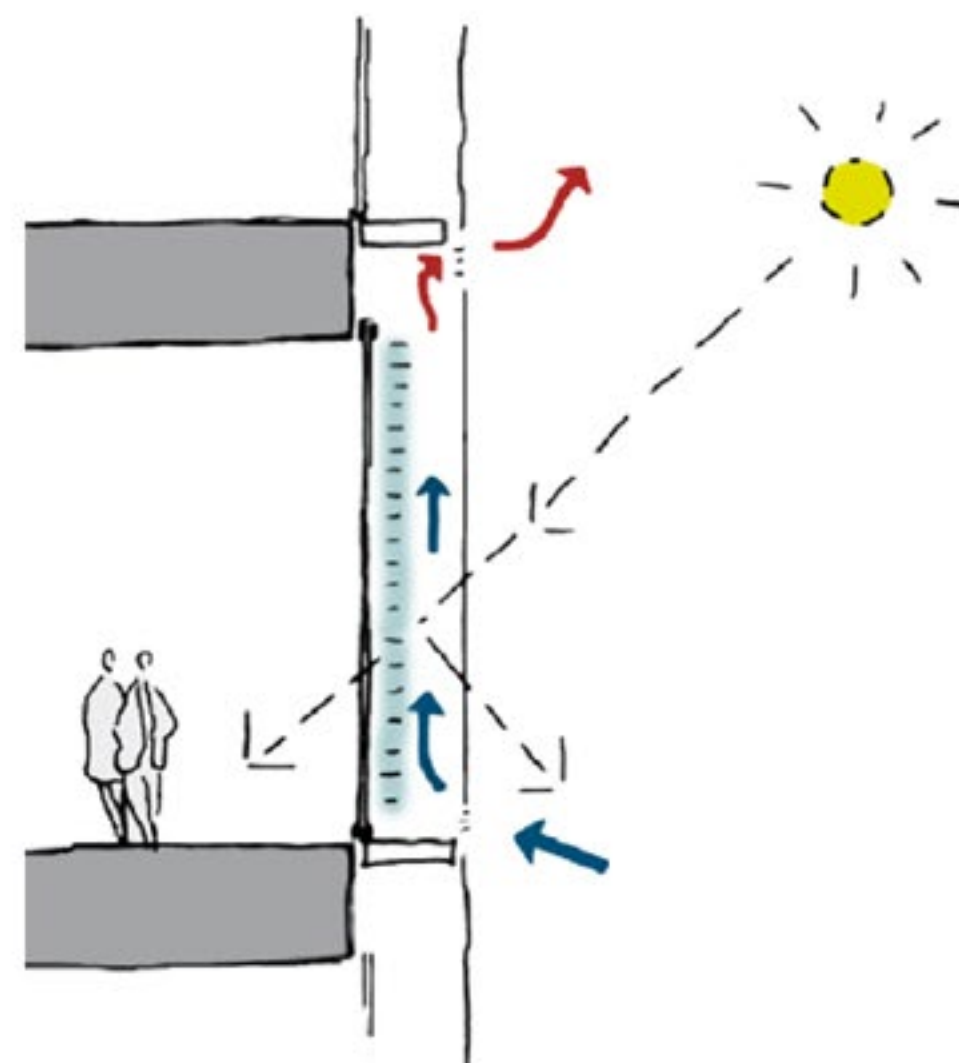
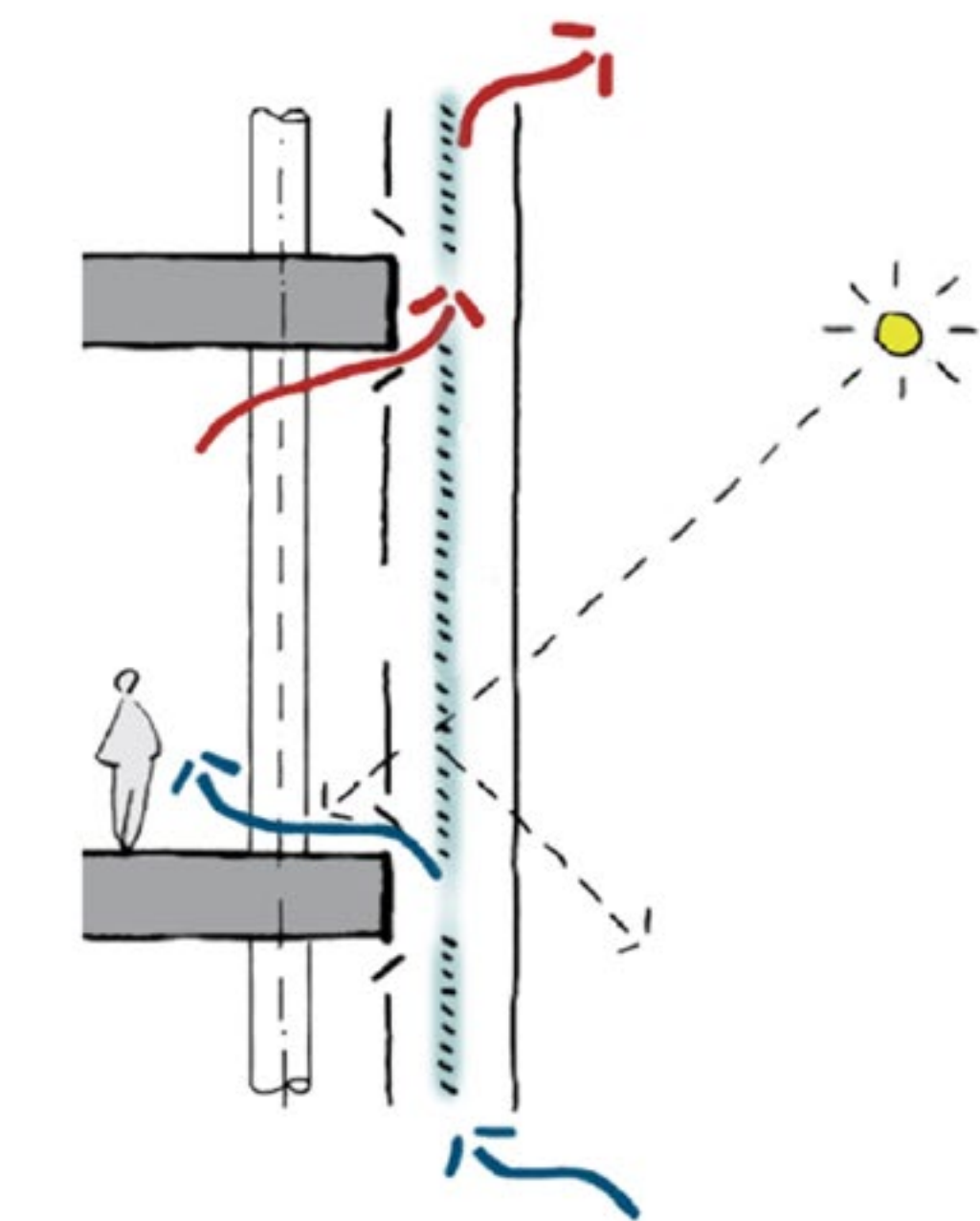






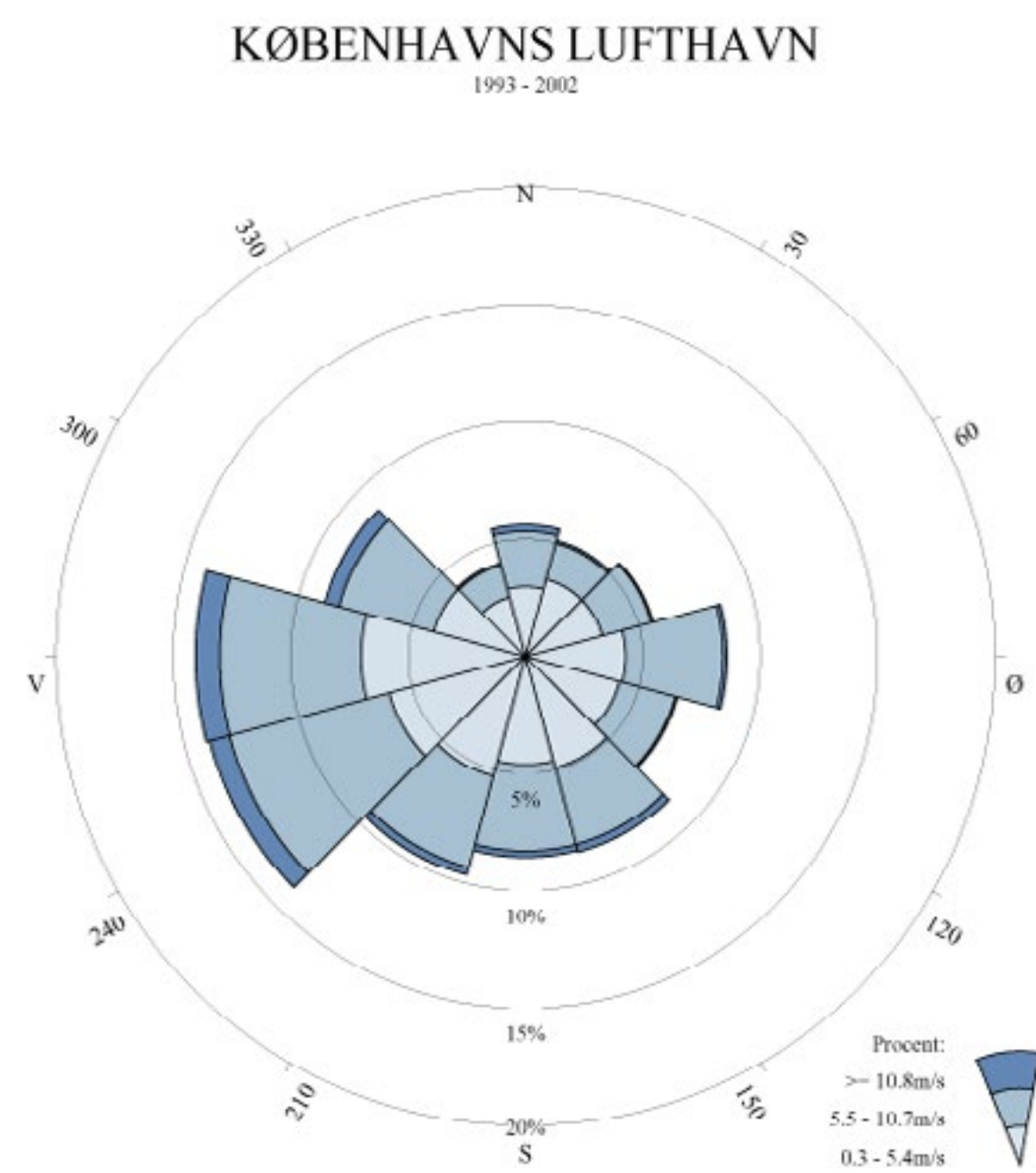








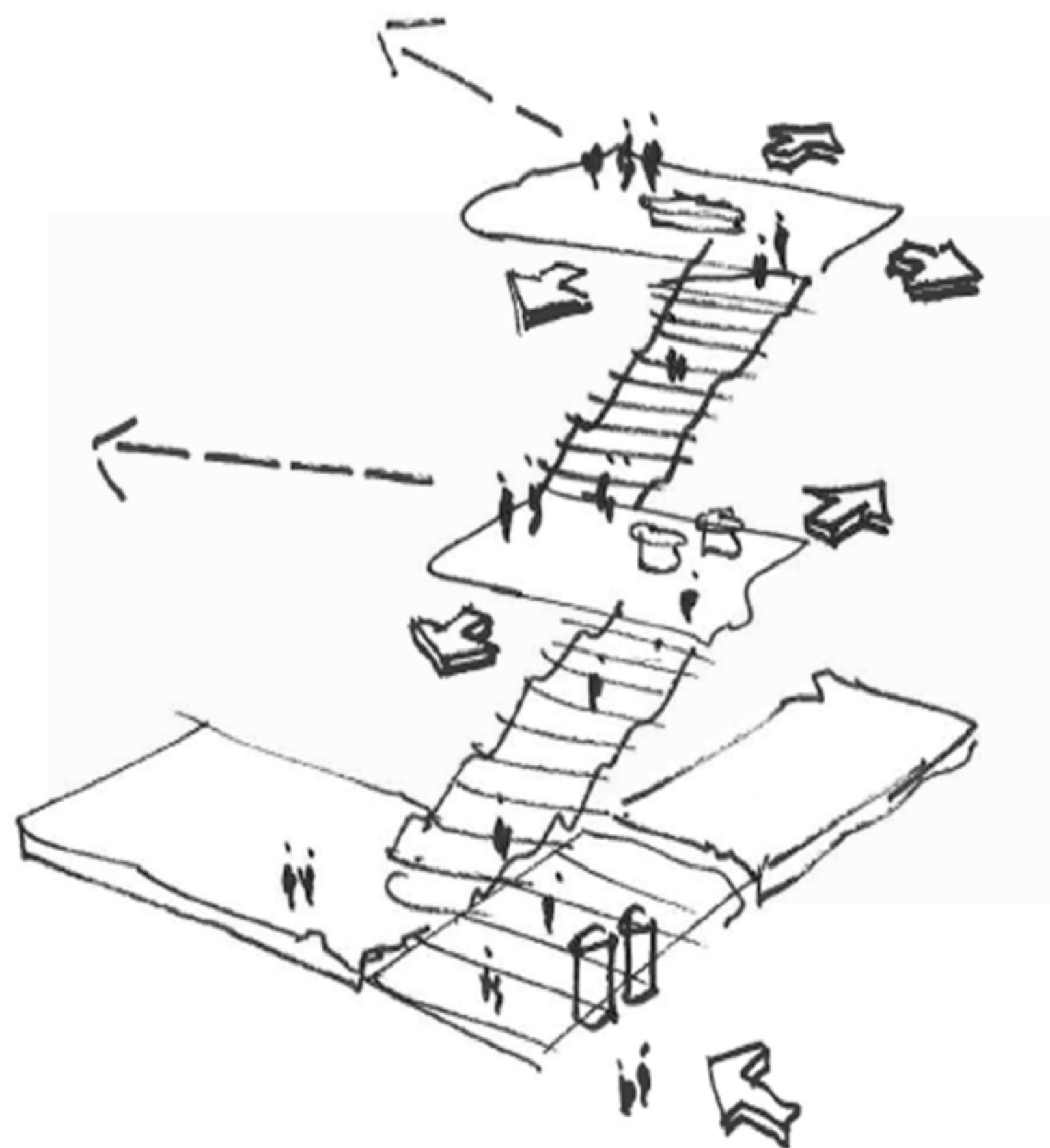






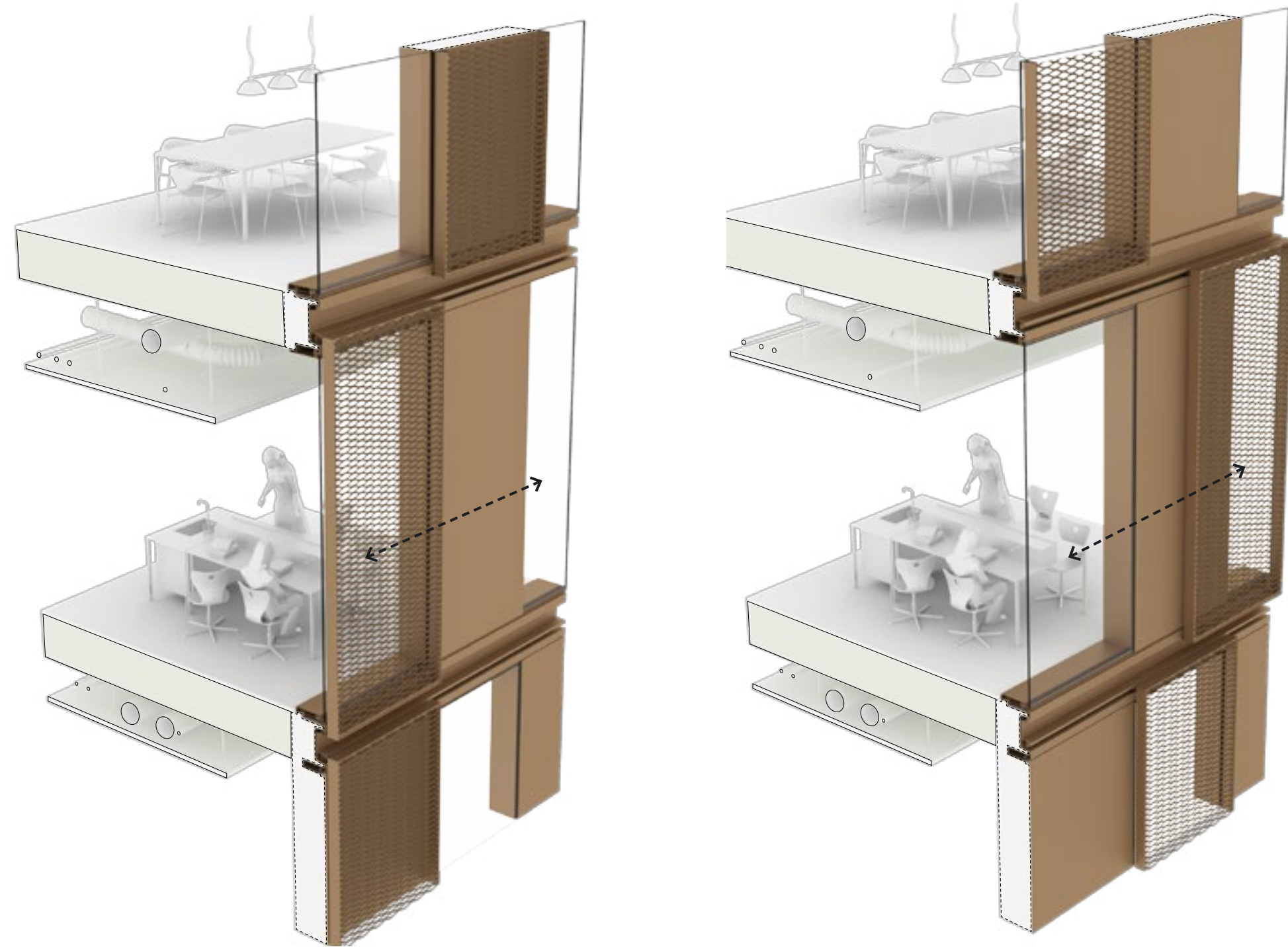
RAMBOLL





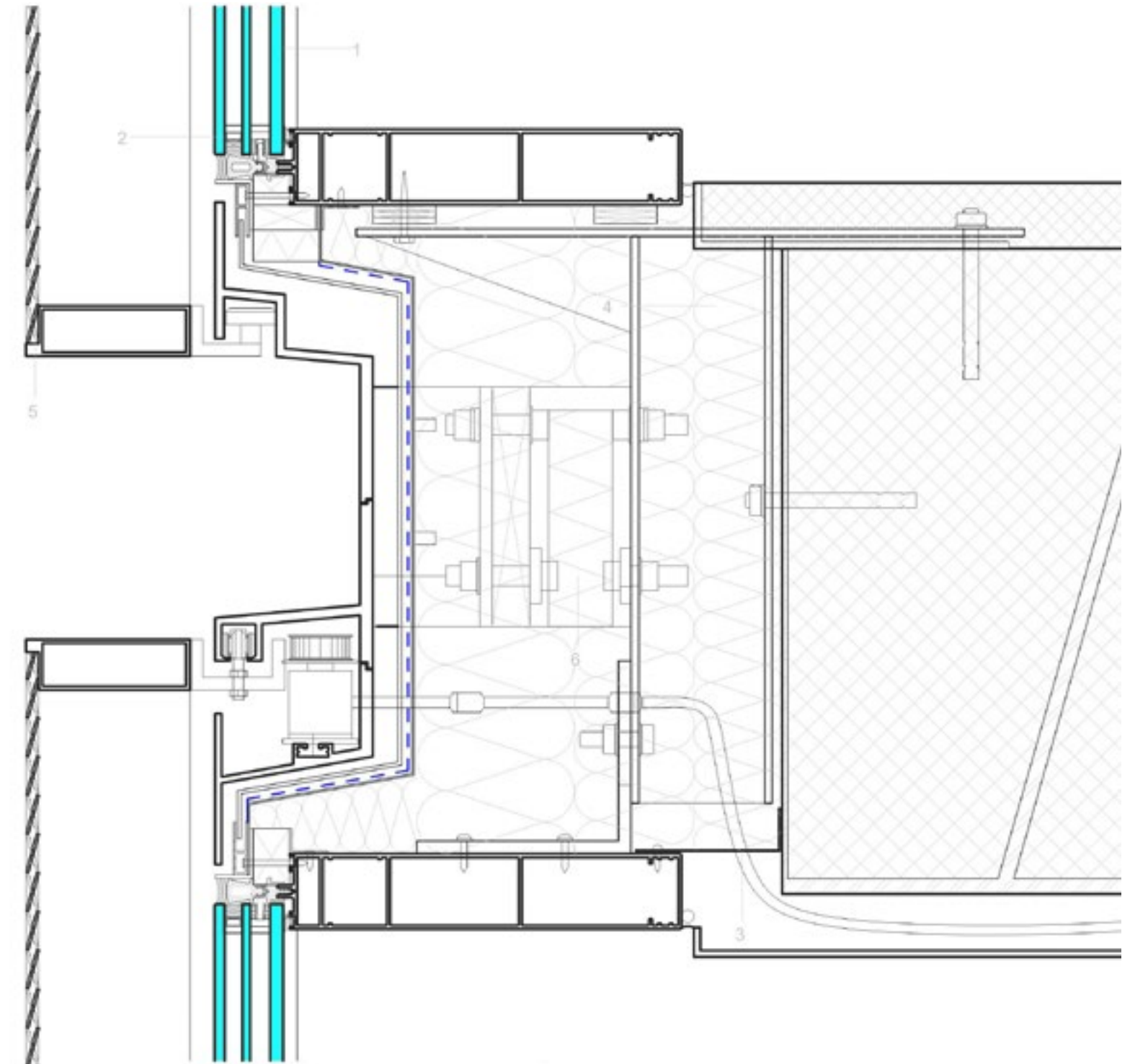
The Social Stair









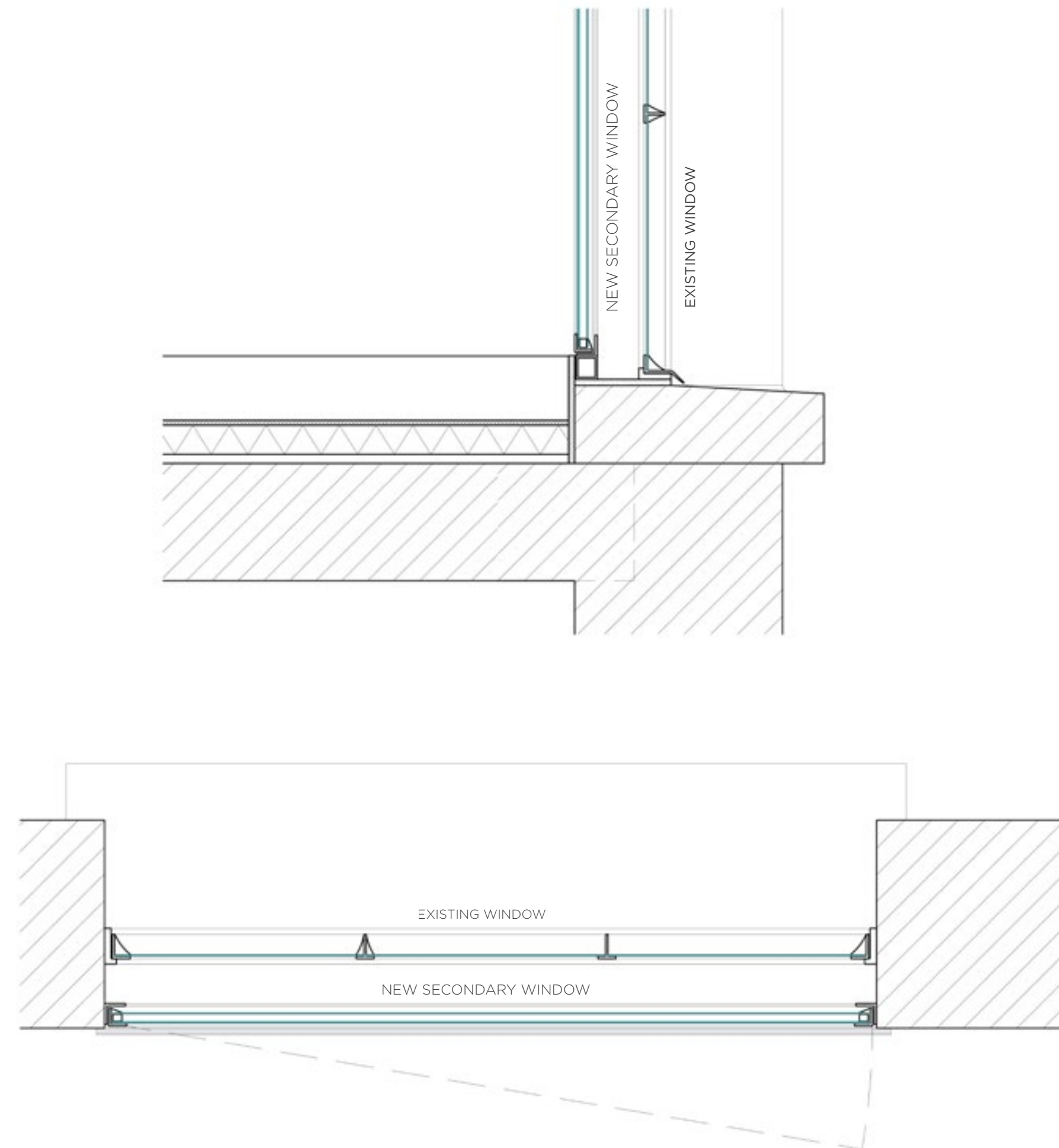








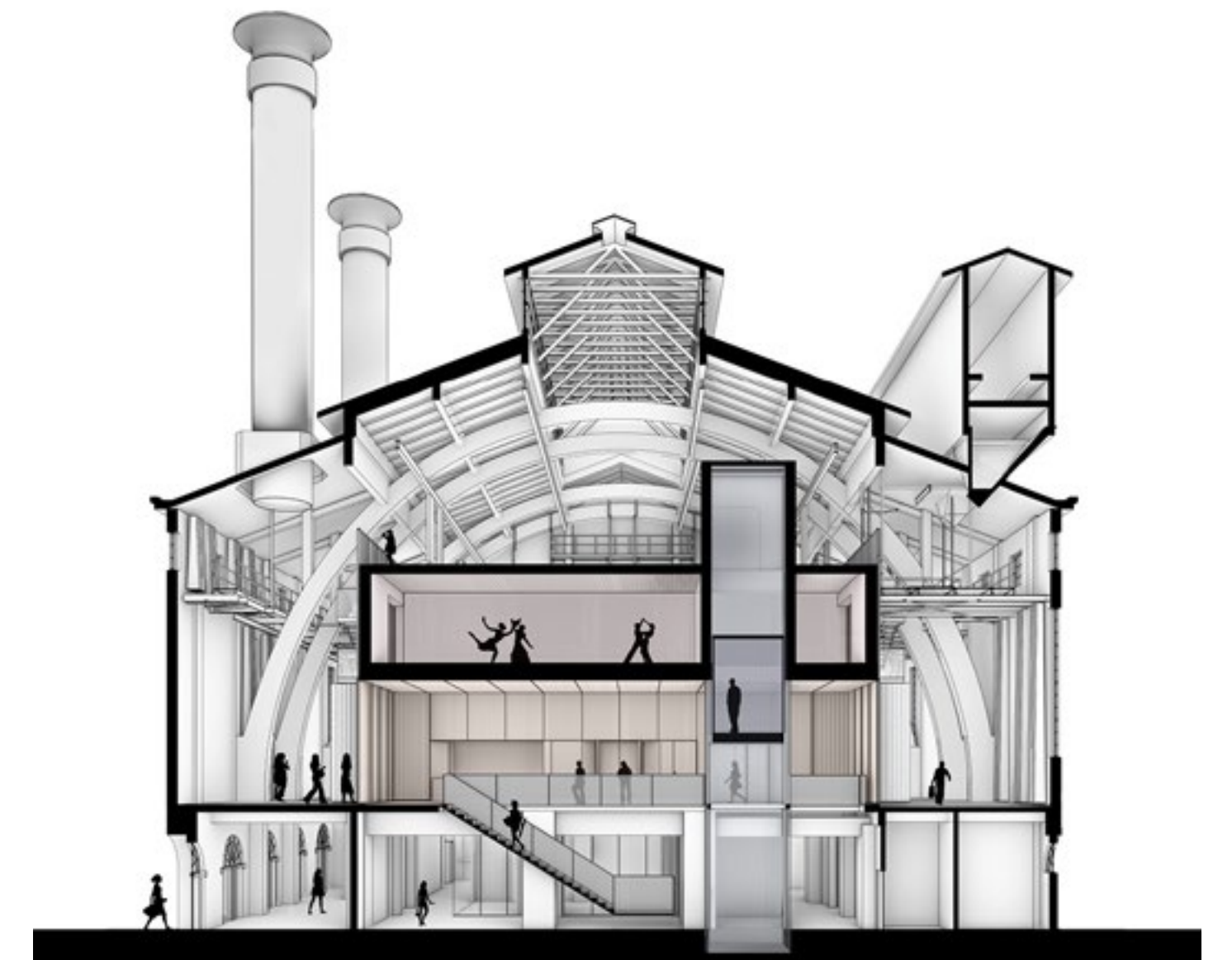






K. LOFTET
STUDIE 05

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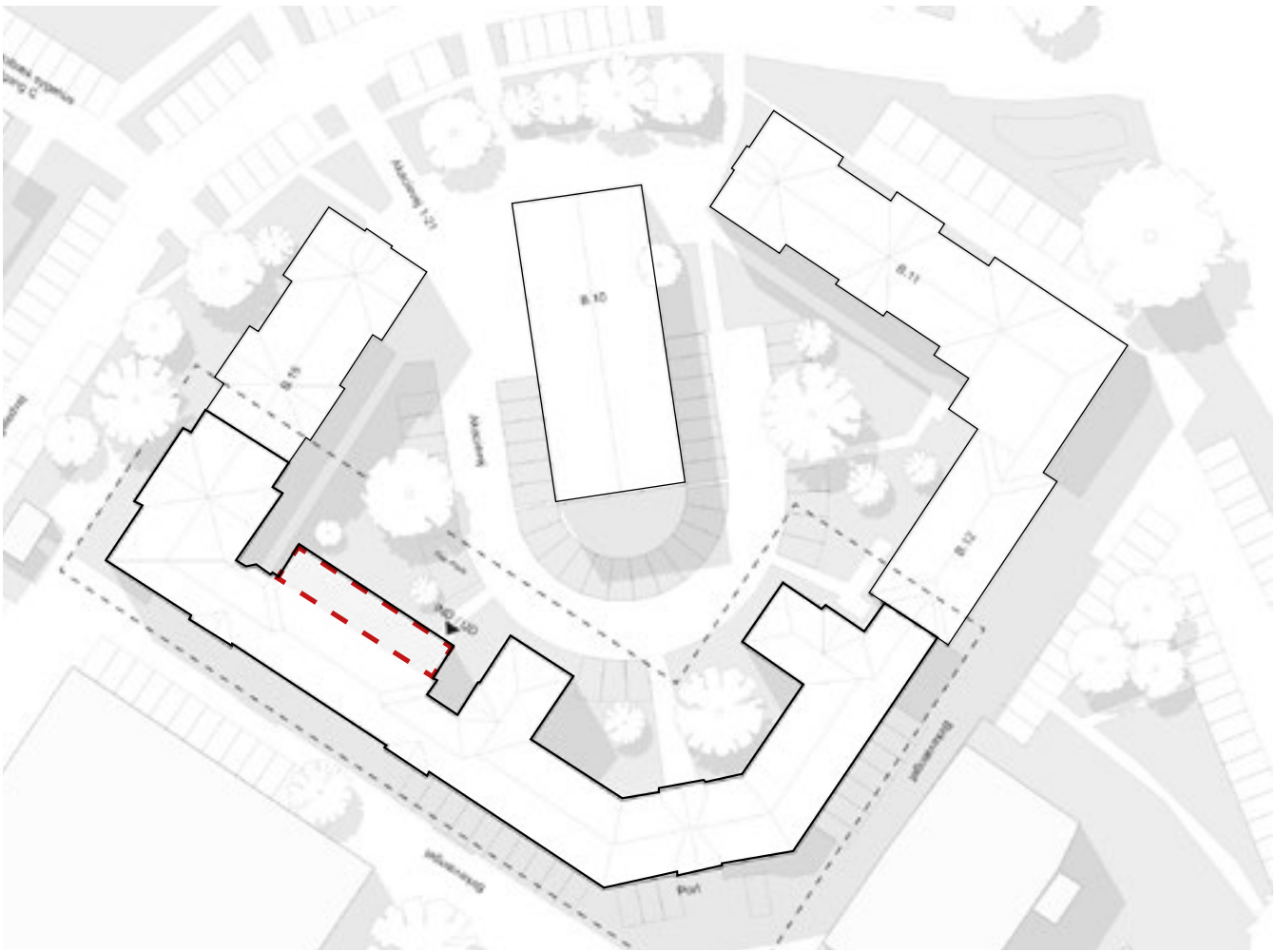


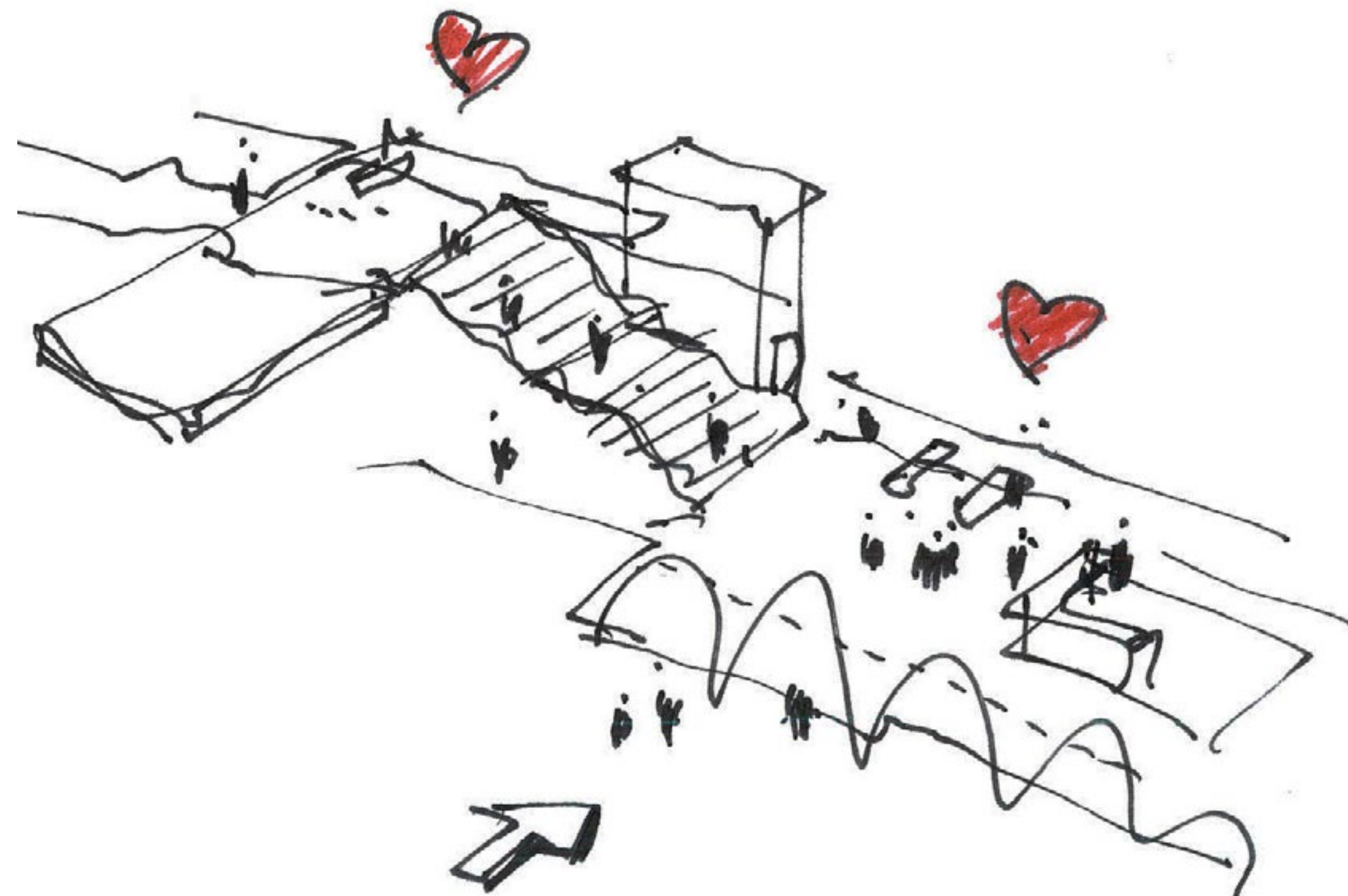


STENO DIABETES CENTER SJÆLLAND

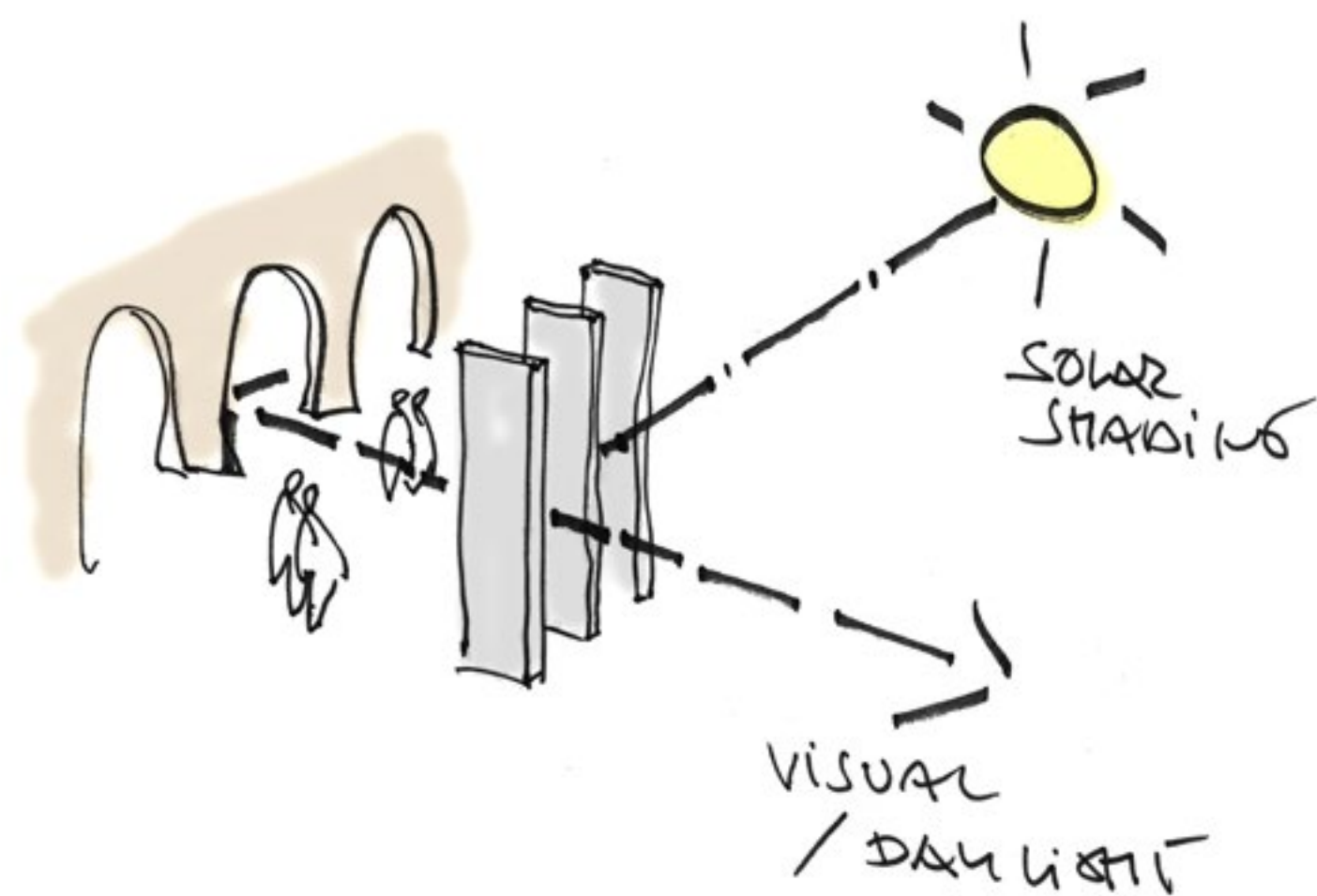
CONVERTING AN EXISTING HOSPITAL
INTO A DIABETES CLINIC

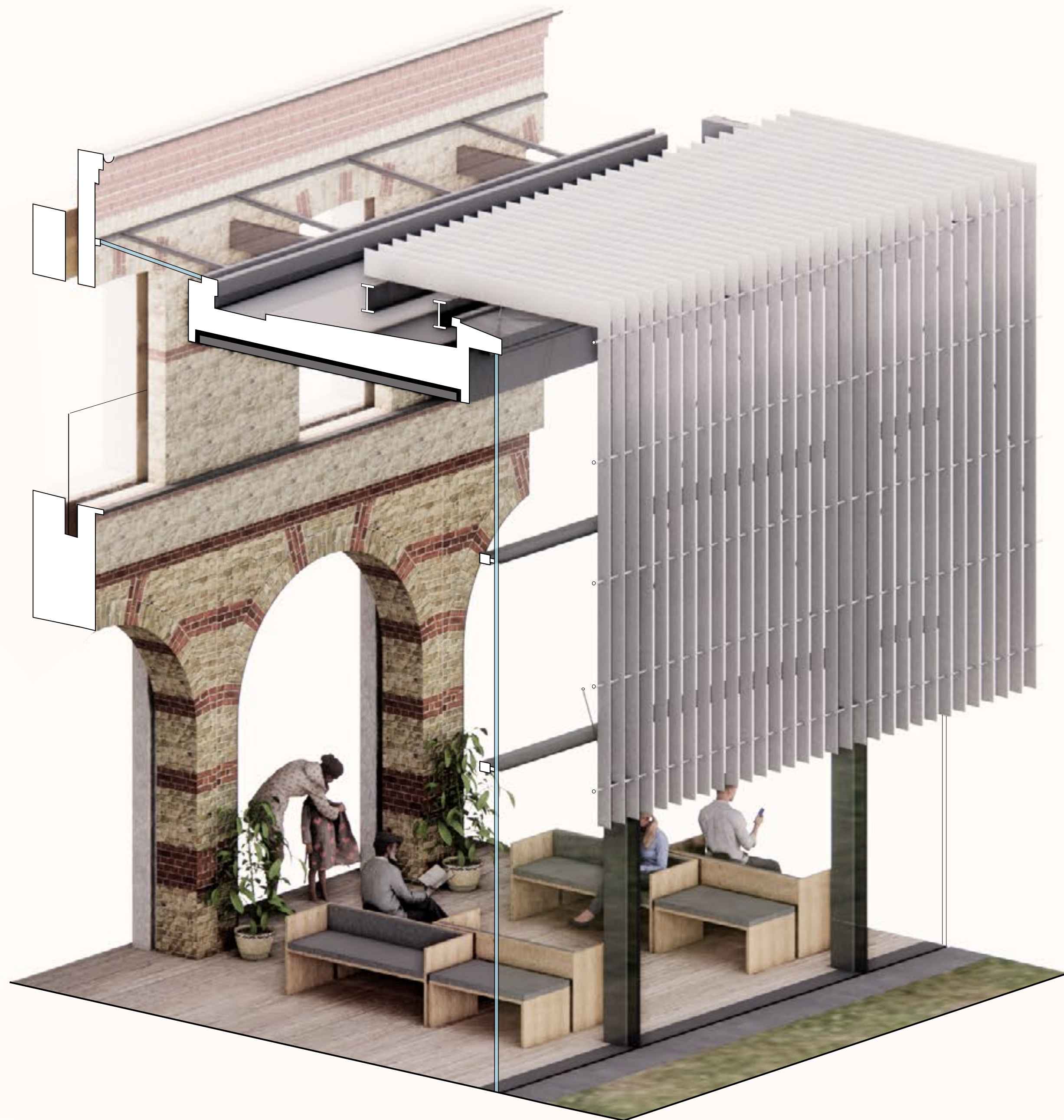
| | | | |
|-----------------|----------------------|------------------|--------------------------|
| Location | Holbæk, Denmark | Status | Completed 2024 |
| Client | Region Sjælland | Architect | Mikkelsen Arkitekter A/S |
| Area | 4.500 m ² | Engineer | Oluf Jørgensen A/S |

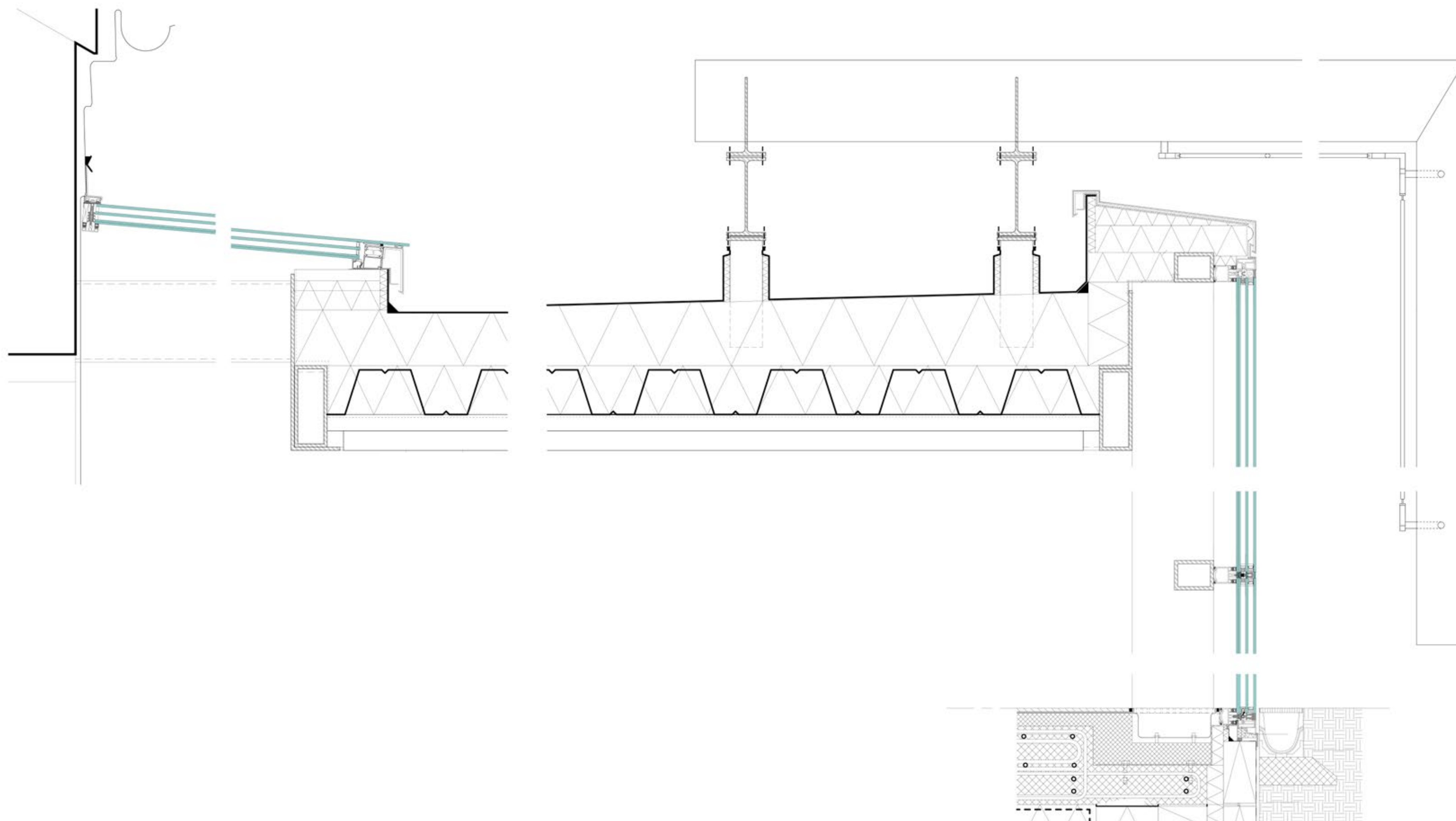


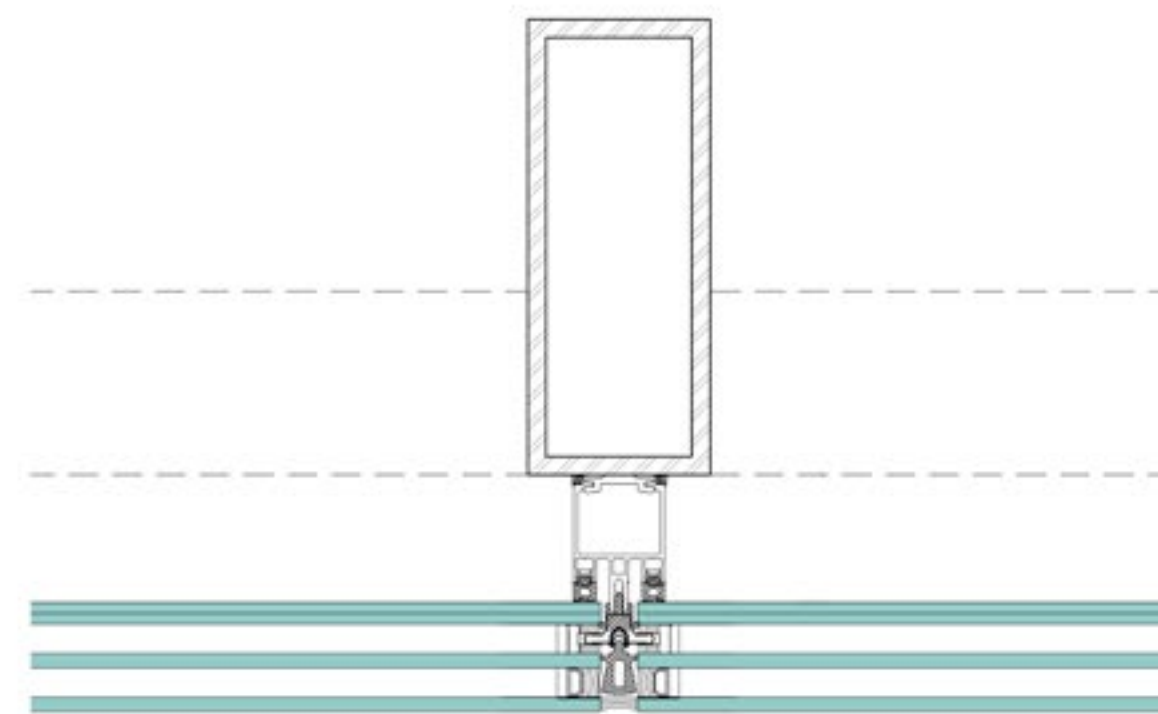
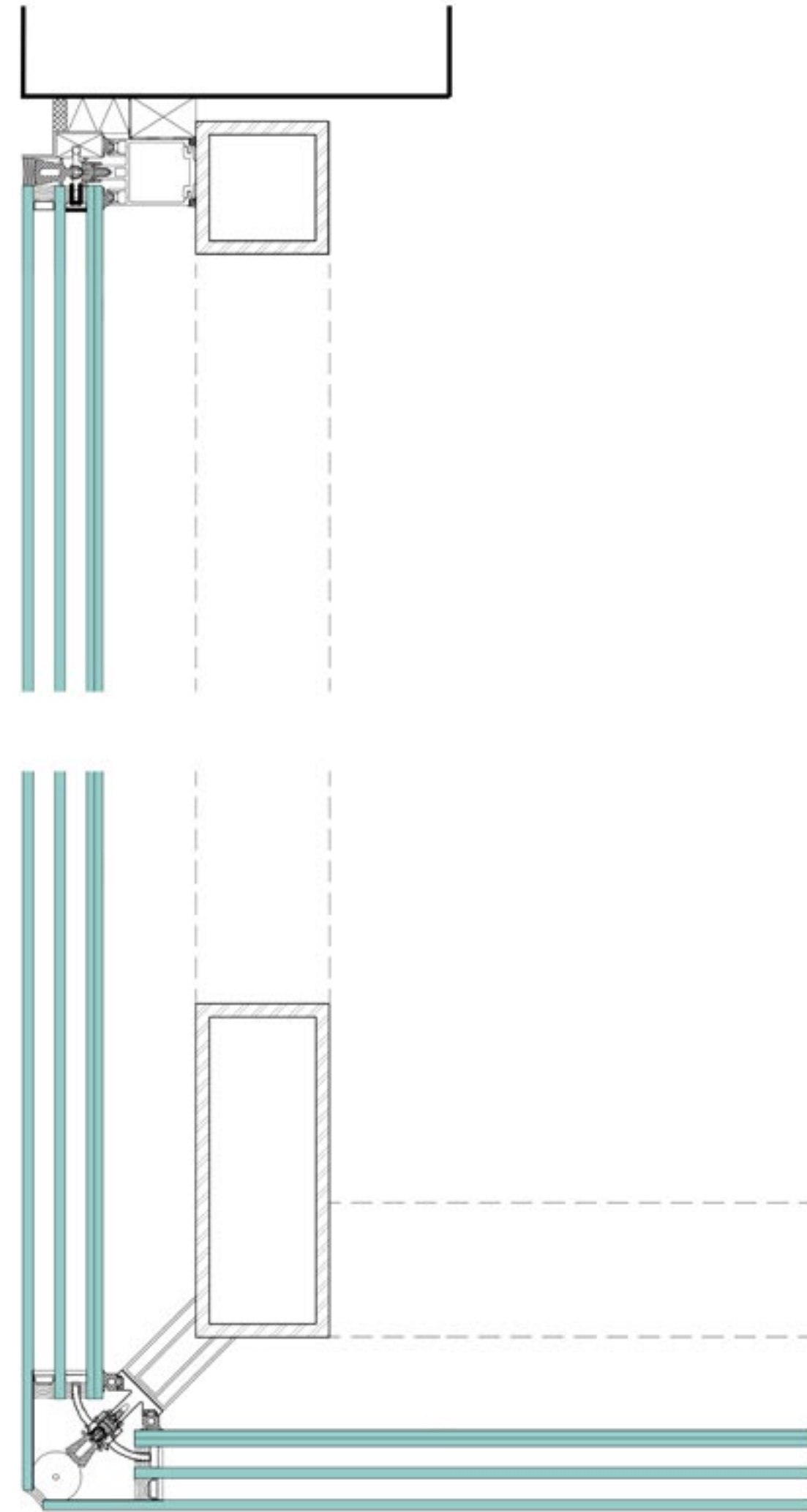


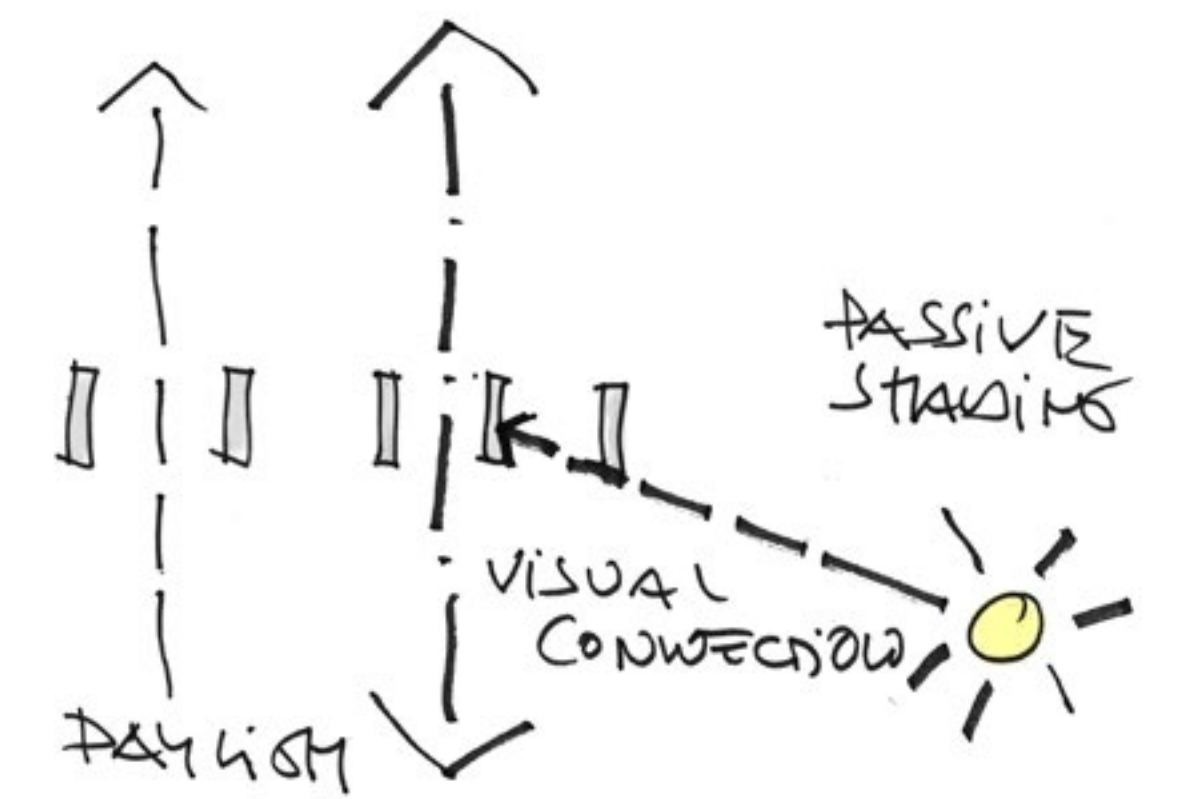


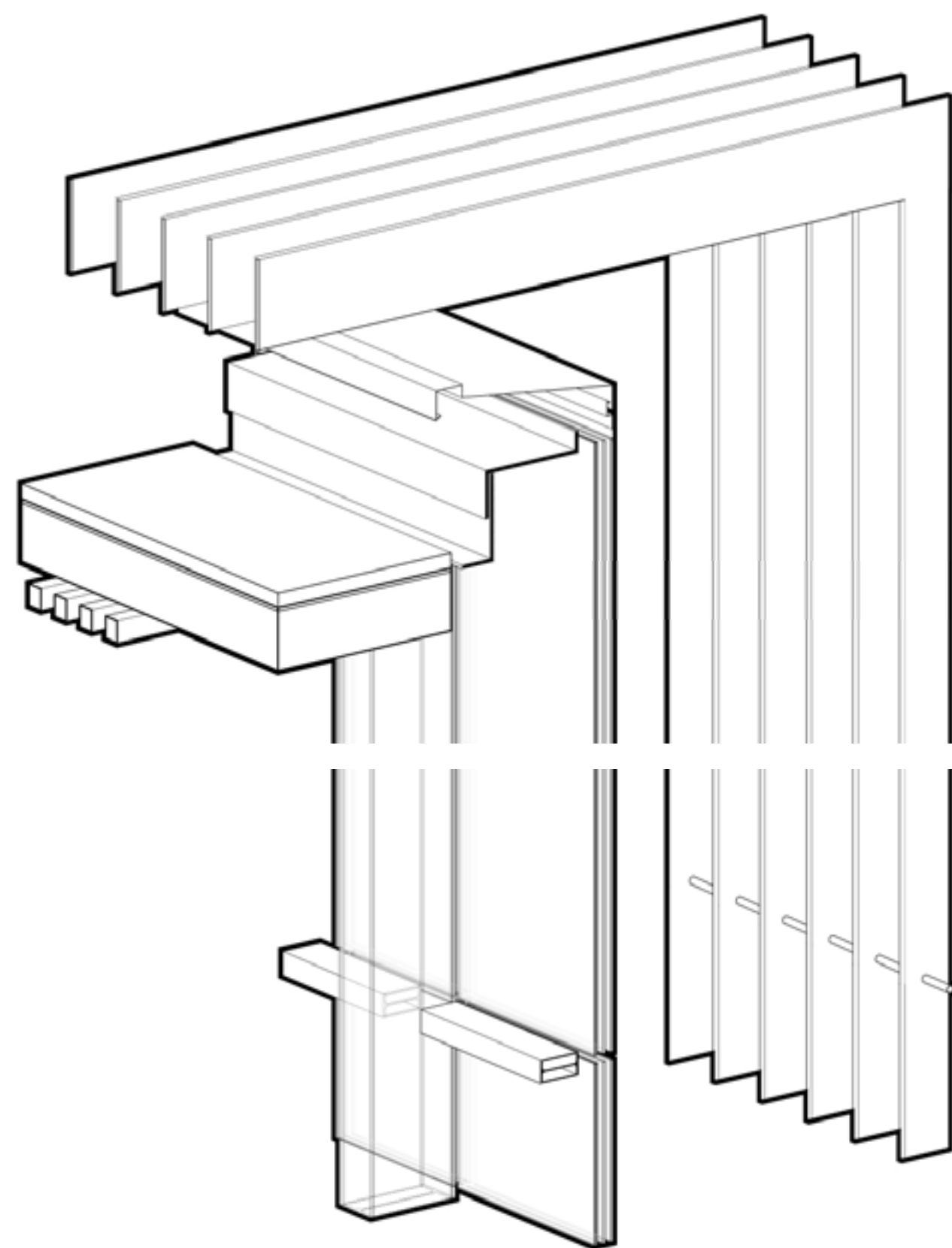


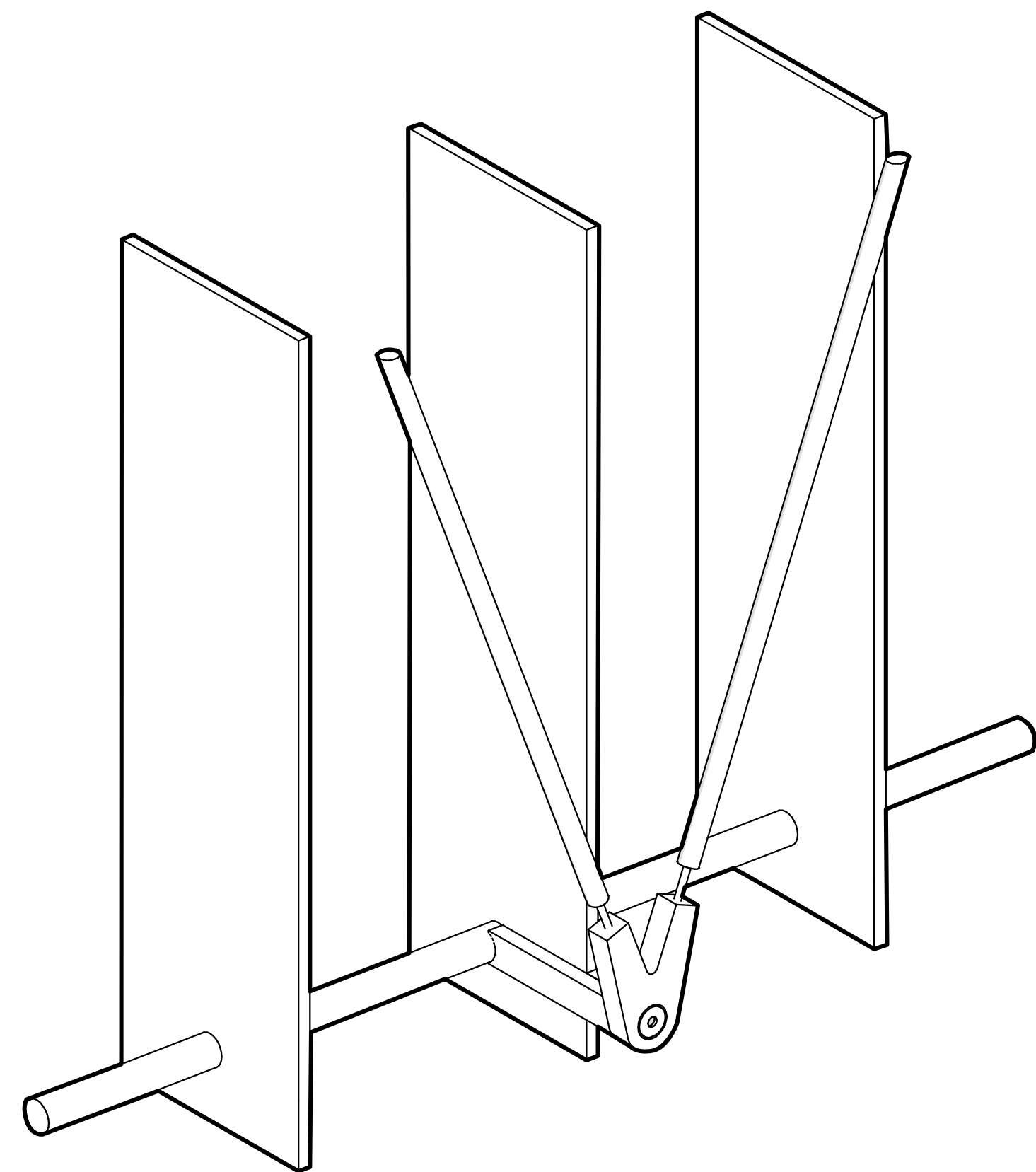












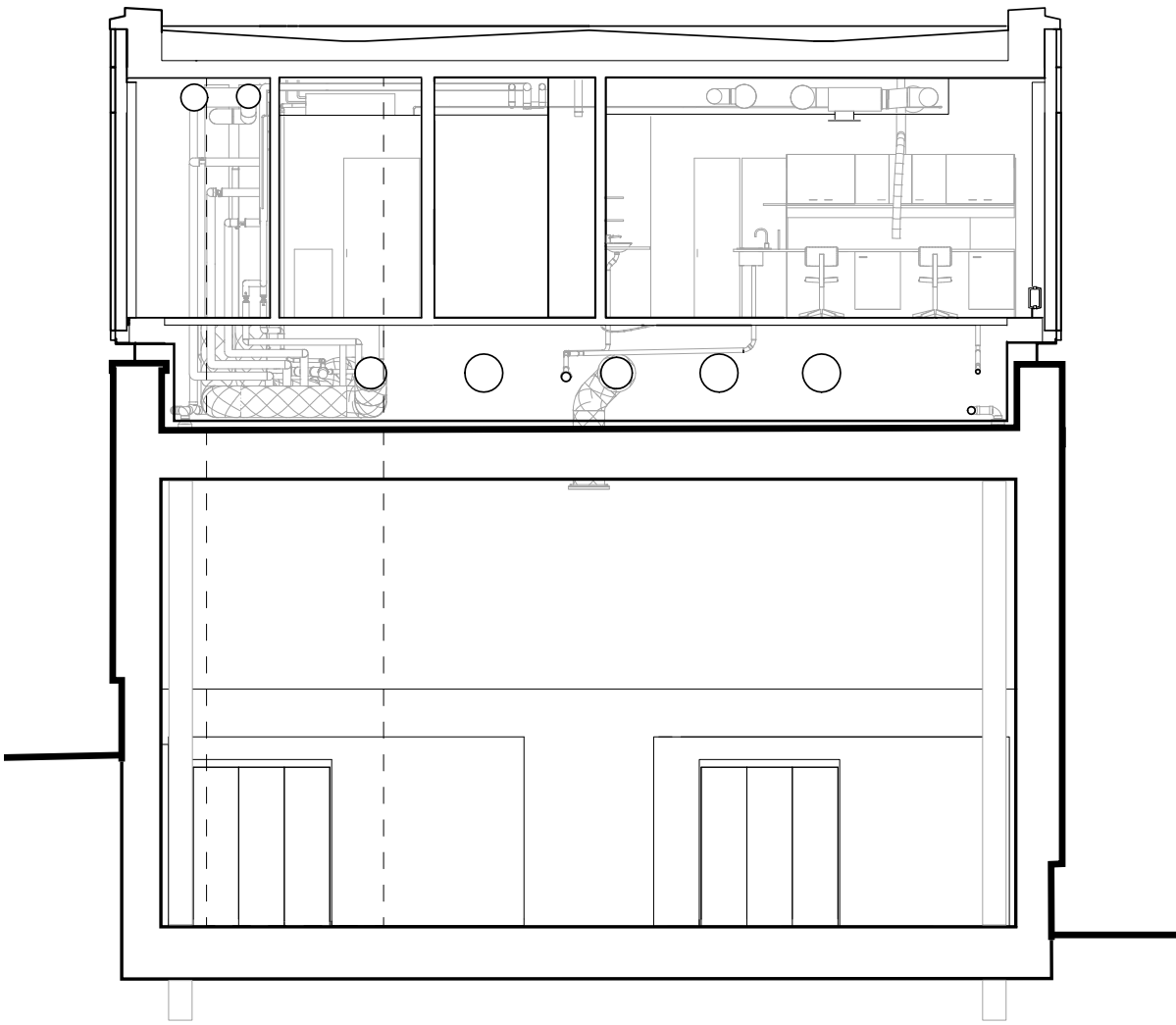


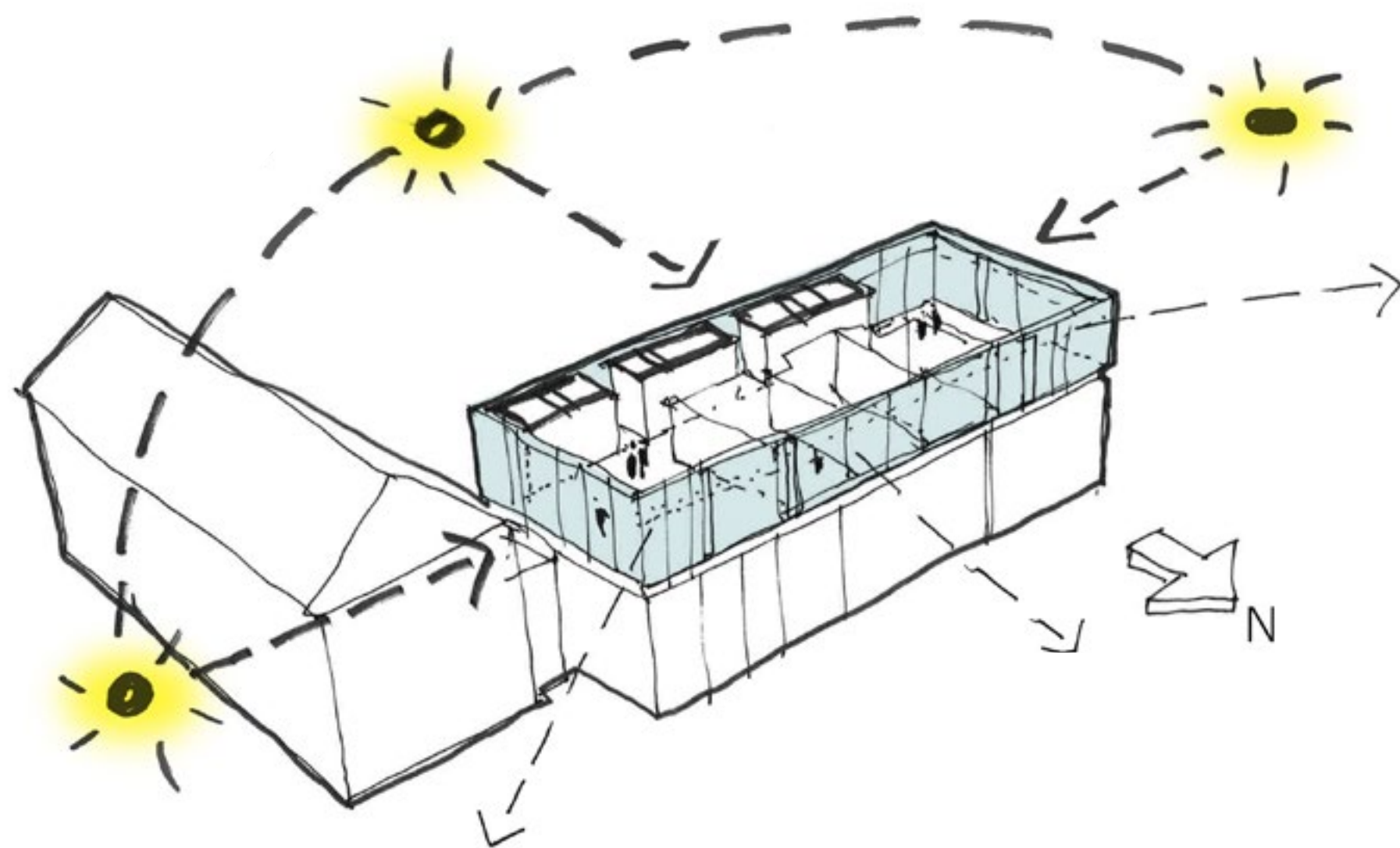


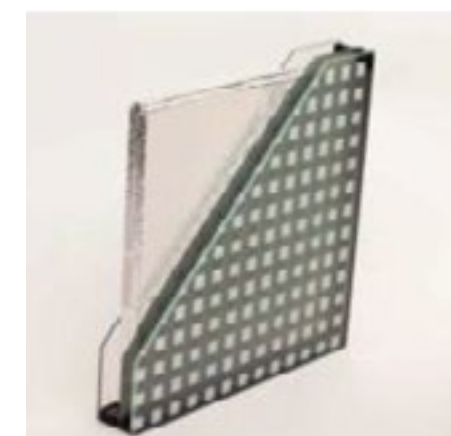
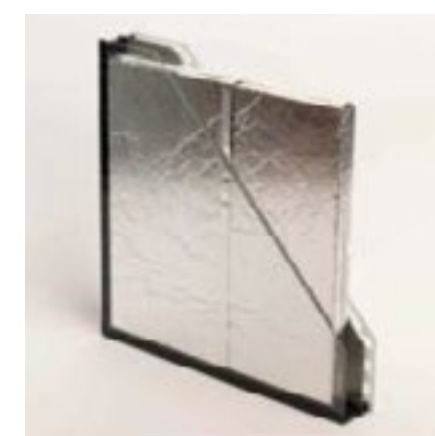
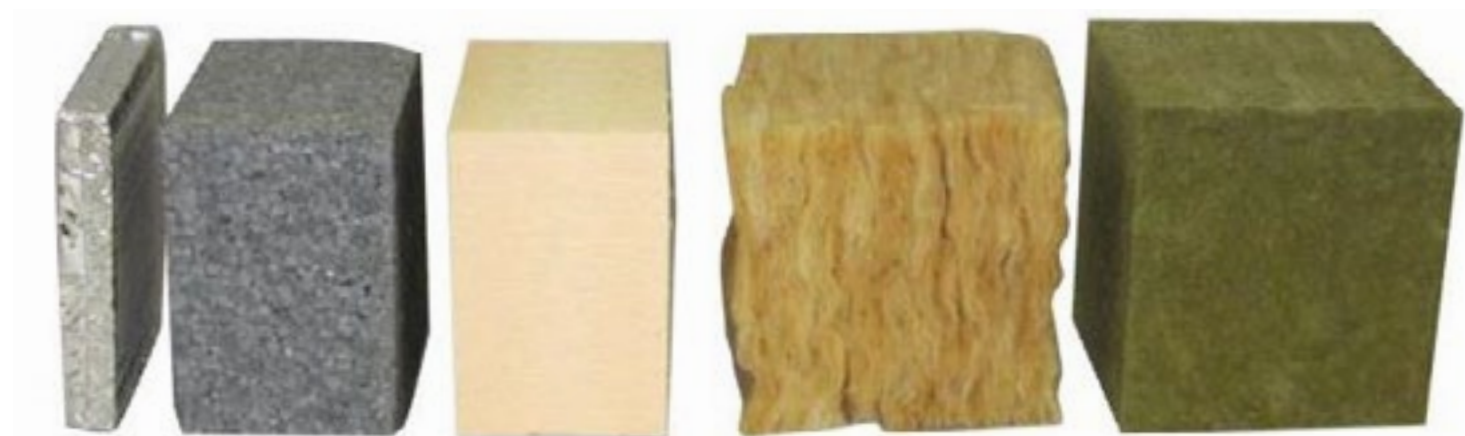
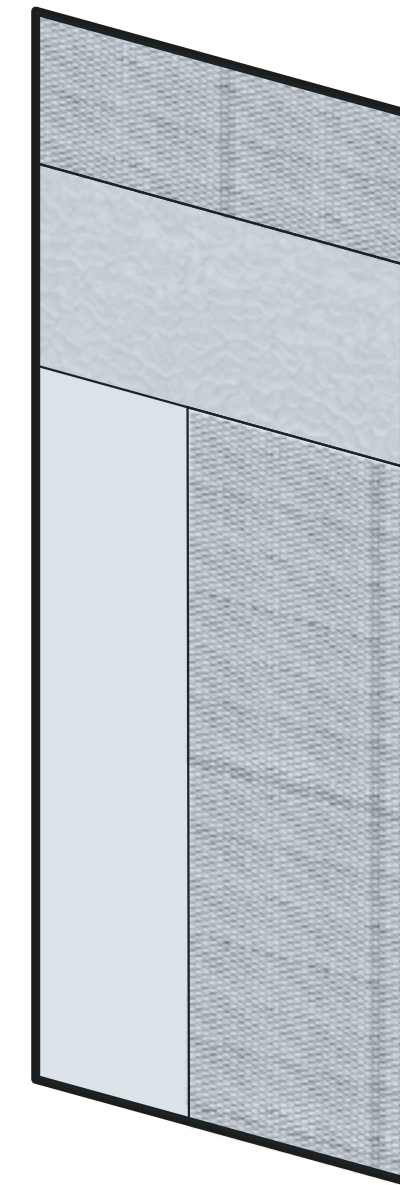
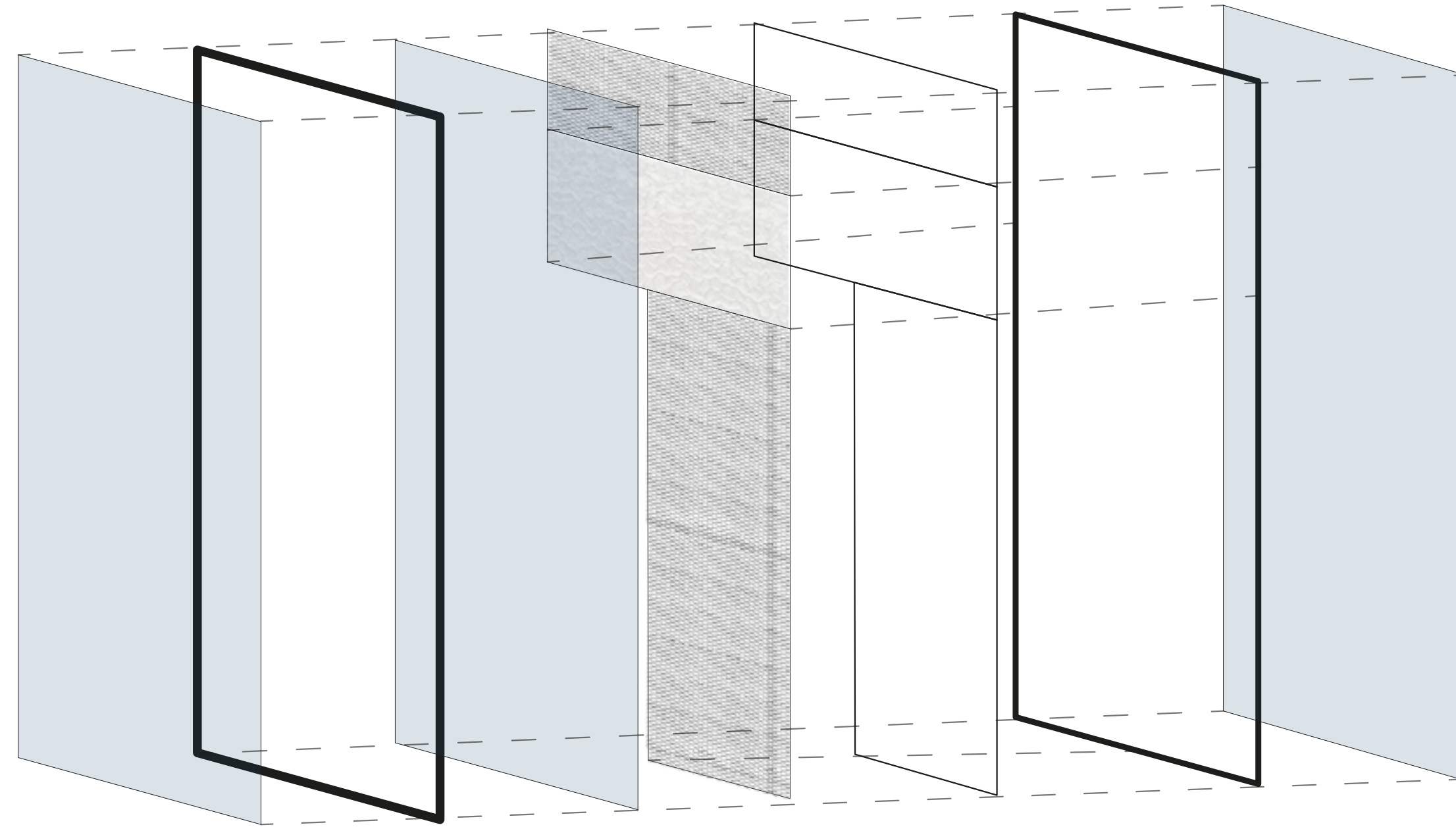
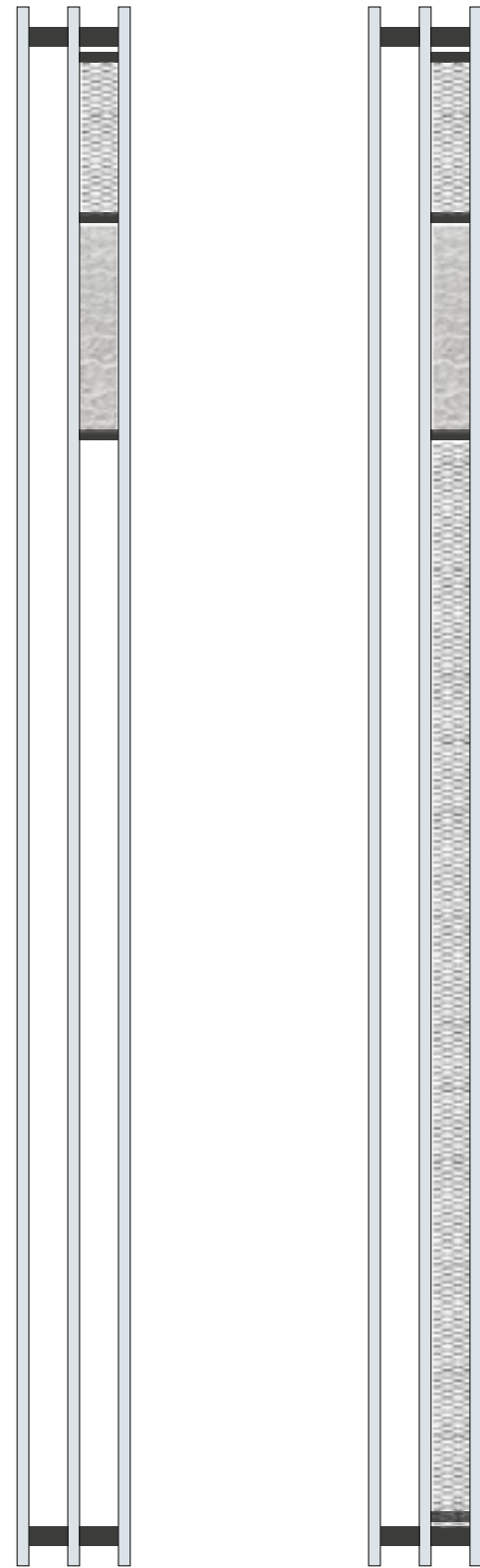
DAMESALEN
INSTITUT FOR IDRÆT OG ERNÆRING
KØBENHAVNS UNIVERSITET

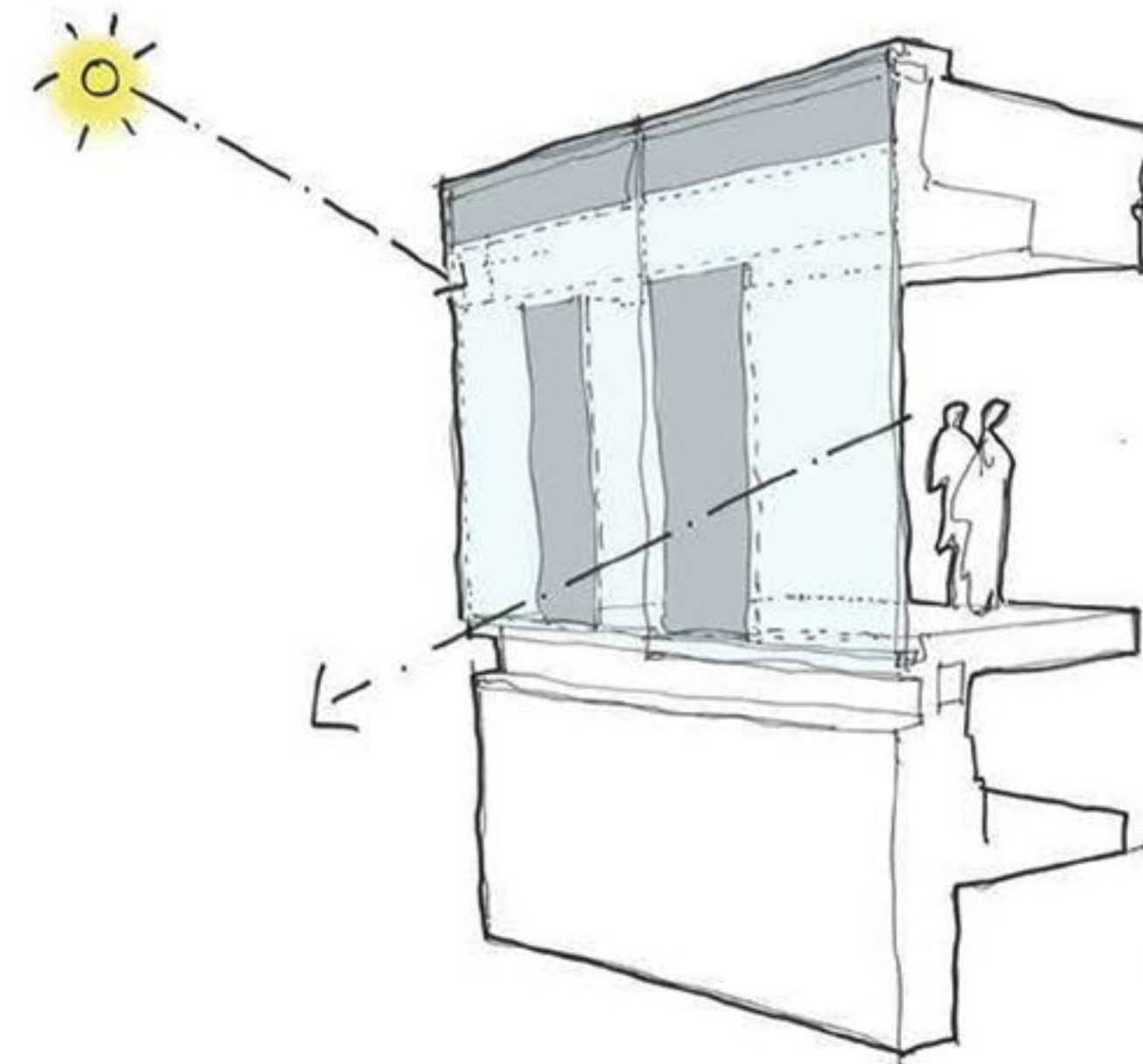
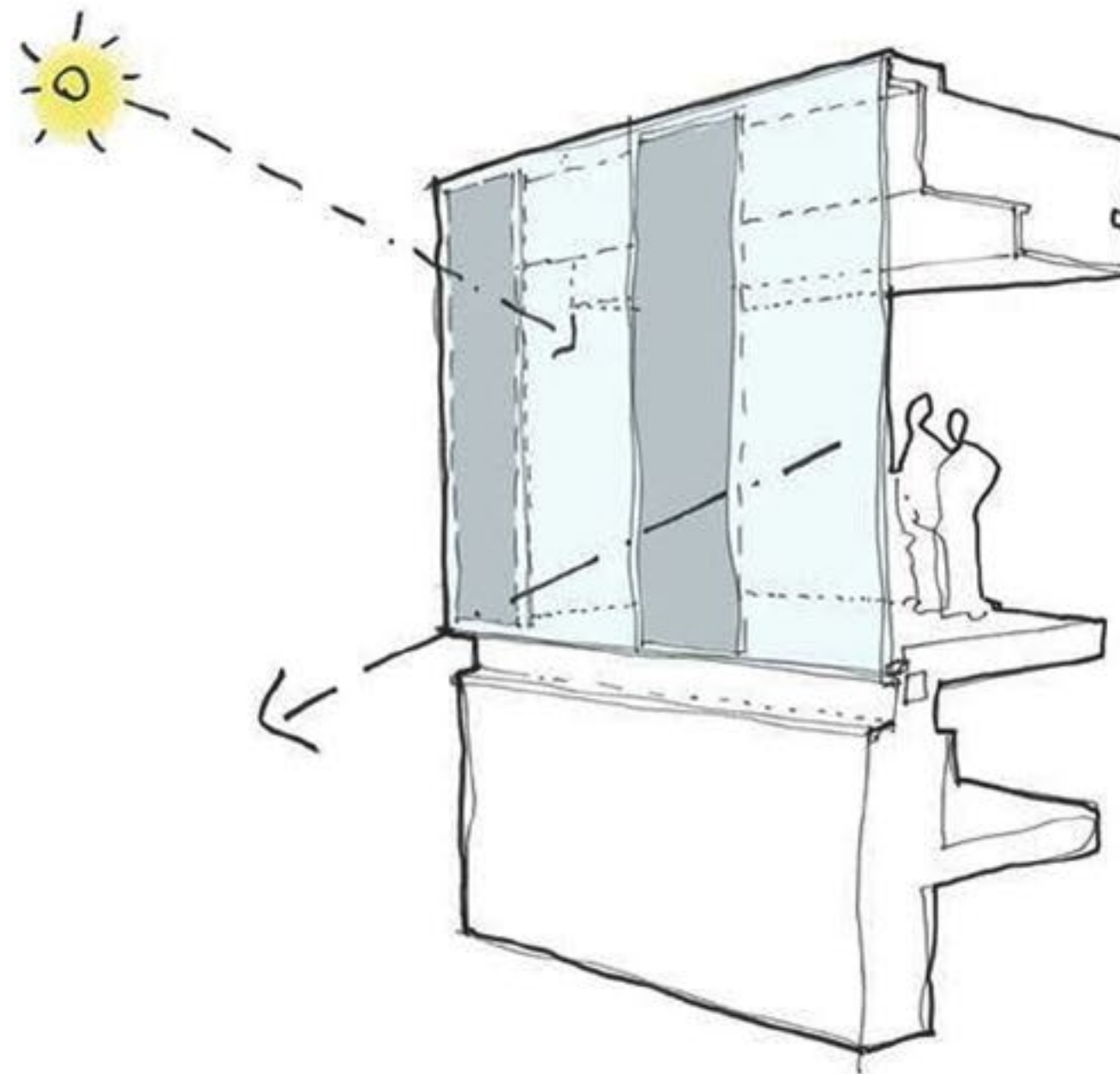
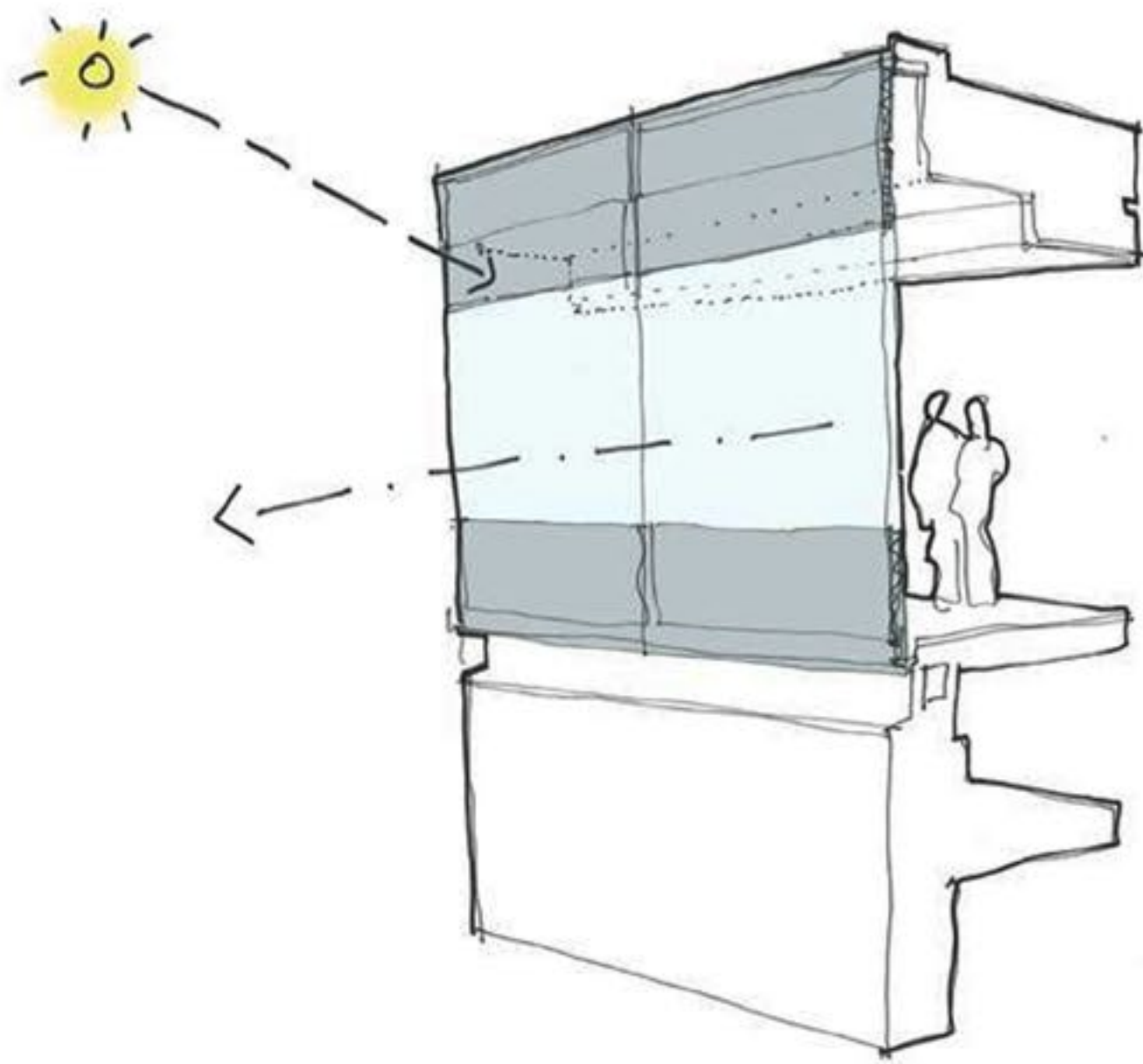
INNOVATIVT FACADEDESIGN GIVER
MERE PLADS TIL FORSKNING

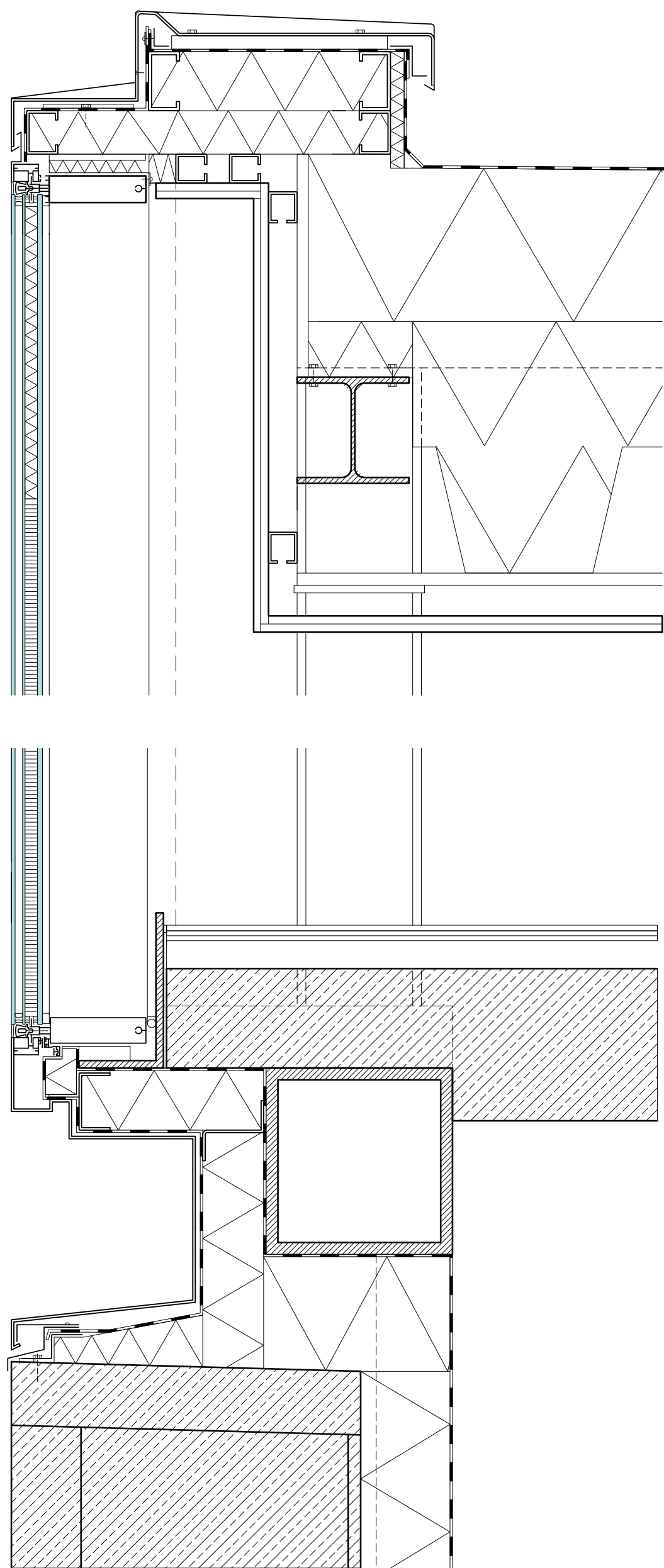
| | | | |
|-------------|----------------------------------|-------------|------------------------------|
| Beliggenhed | København | Arkitekt | Mikkelsen Arkitekter A/S |
| Bygherre | Bygningsstyrelsen | Ingeniør | EKJ Rådgivende Ingeniører AS |
| Areal | 400 m² nybyg, 6300 m² renovering | Entreprenør | Juul & Nielsen A/S |
| Status | Udført 2017 | Fotograf | Søren Aagaard |









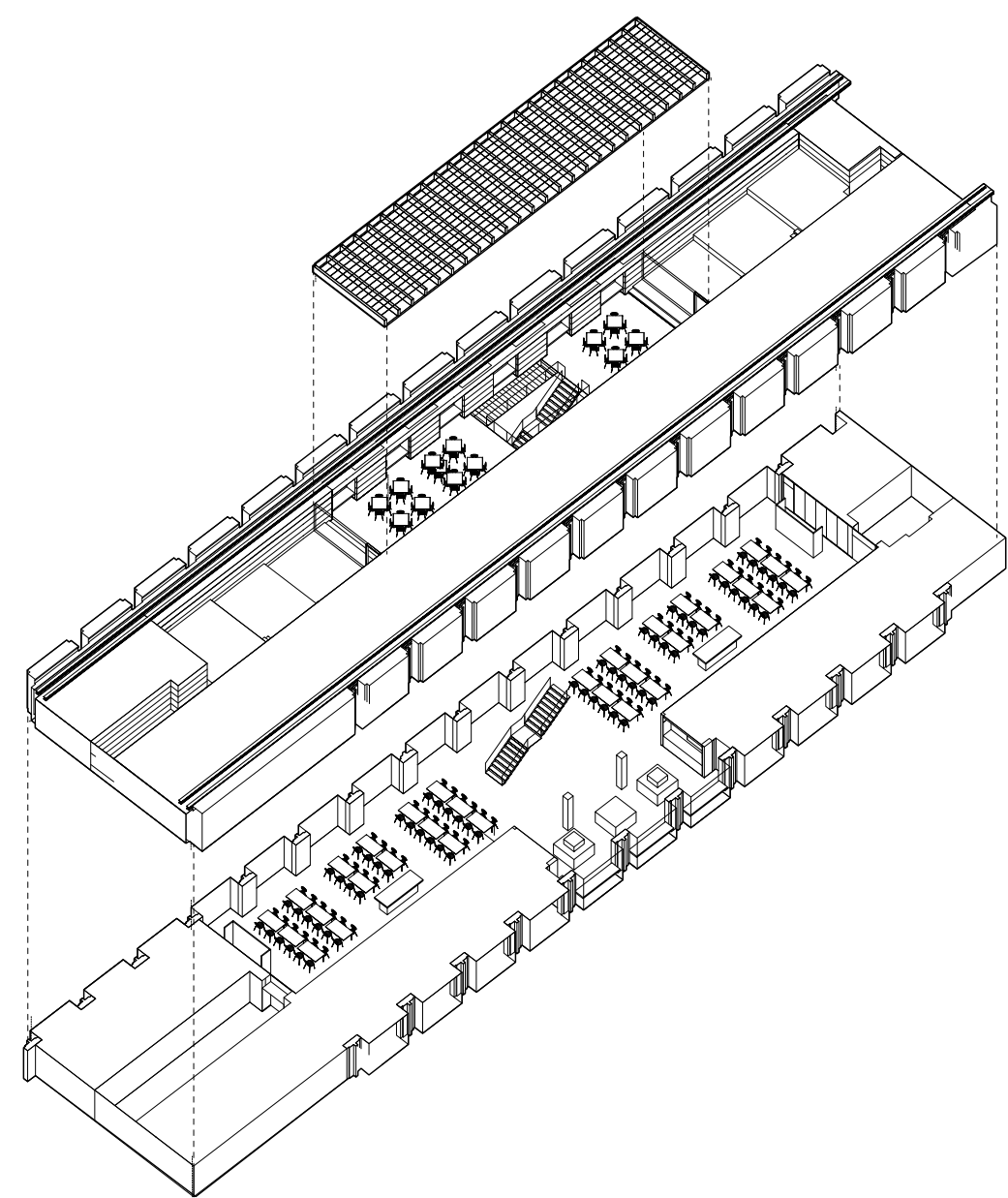




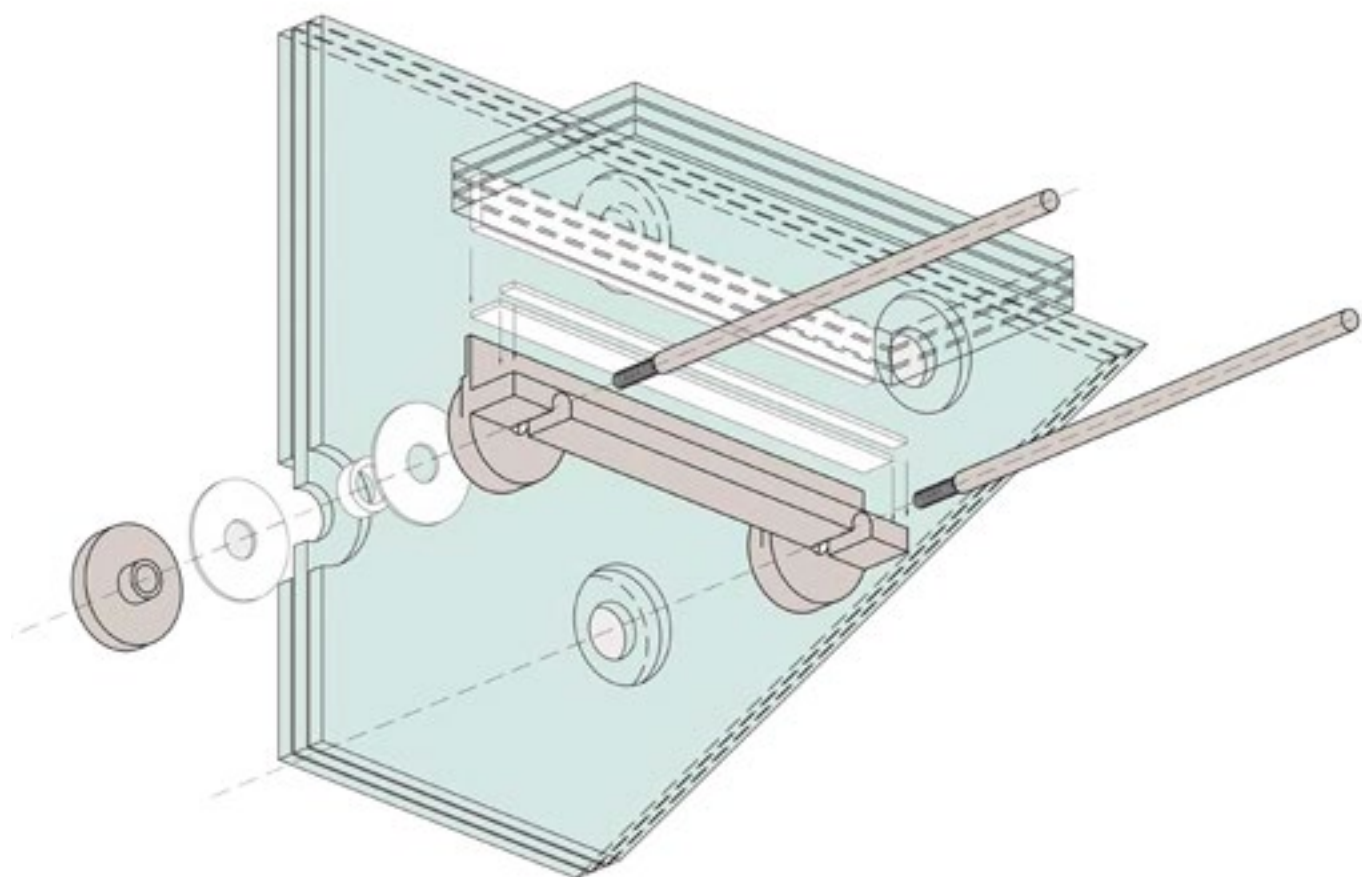
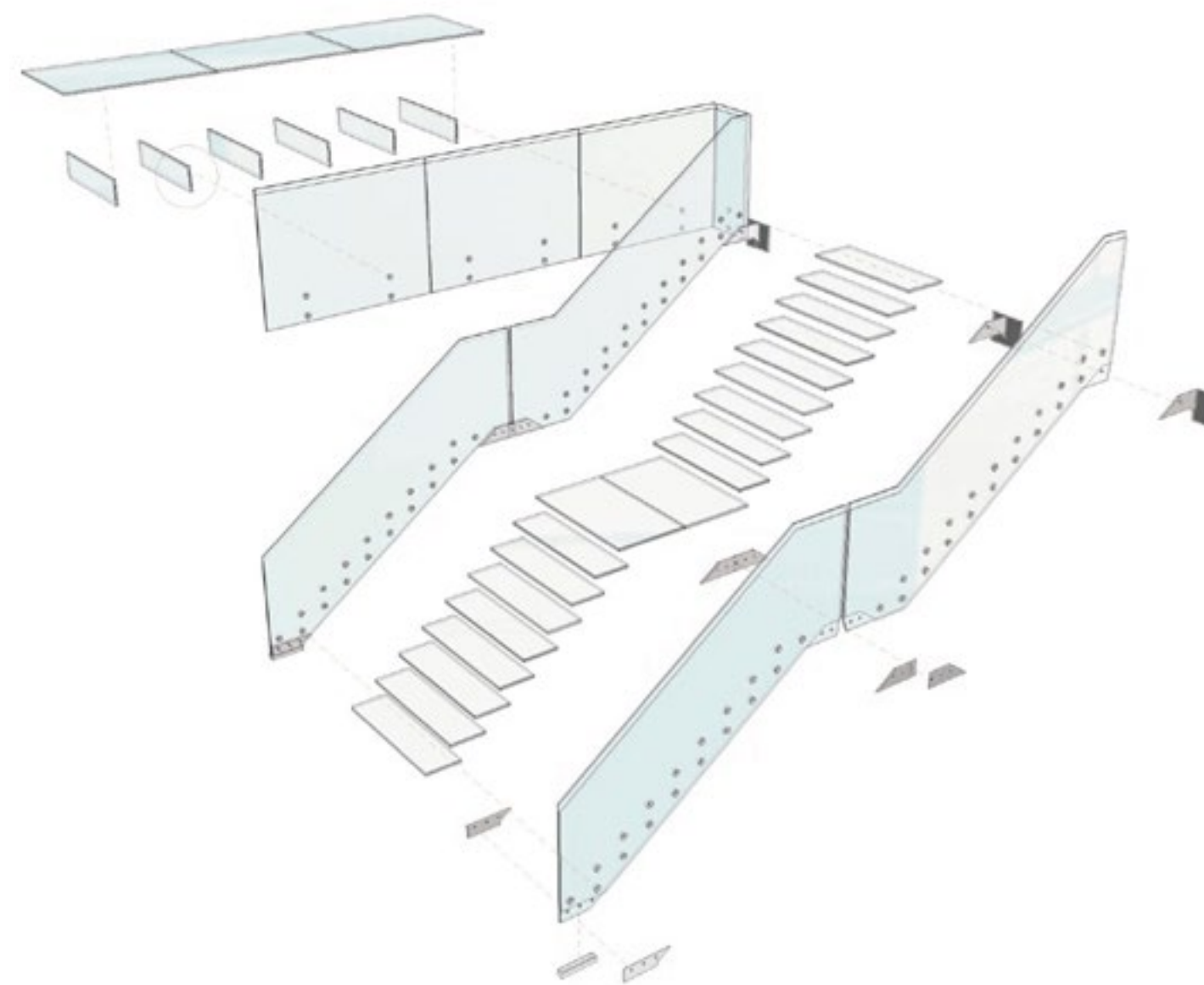
THE NATIONAL BANK OF DENMARK

TRANSFORMATION AND DESIGN OF
NEW COMMON FACILITIES

| | | | |
|------------------|------------------------------|------------------|-----------------------------------|
| Location | Copenhagen | Architect | Mikkelsen Architects A/S |
| Developer | The National Bank of Denmark | Engineer | ARUP Facade & Rambøll |
| Status | 2002 | Prize | G-Mark Award for Good Design 2002 |

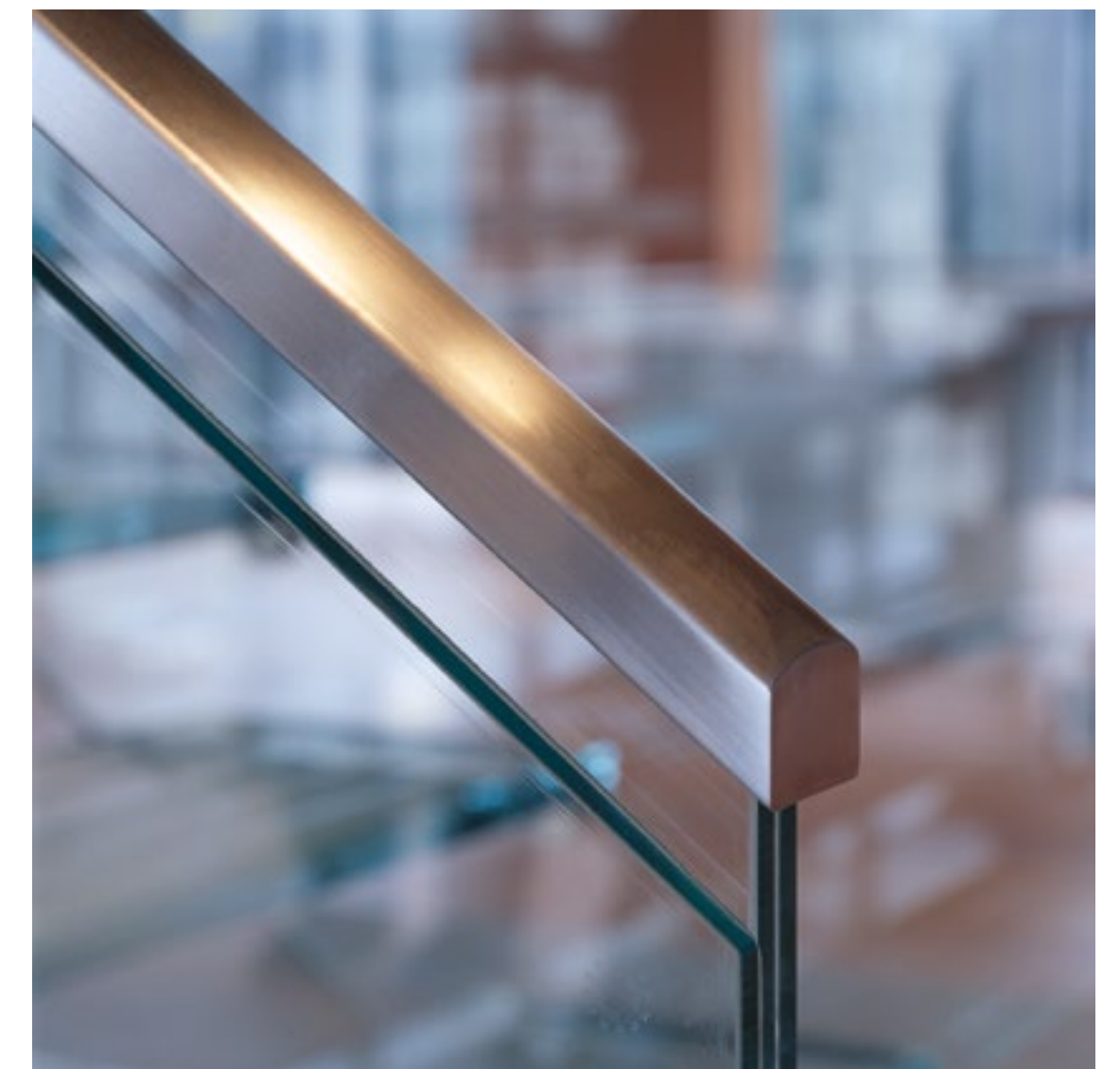






'walking on light ', transcend barriers of materials,
renovation as a contribution to the existing





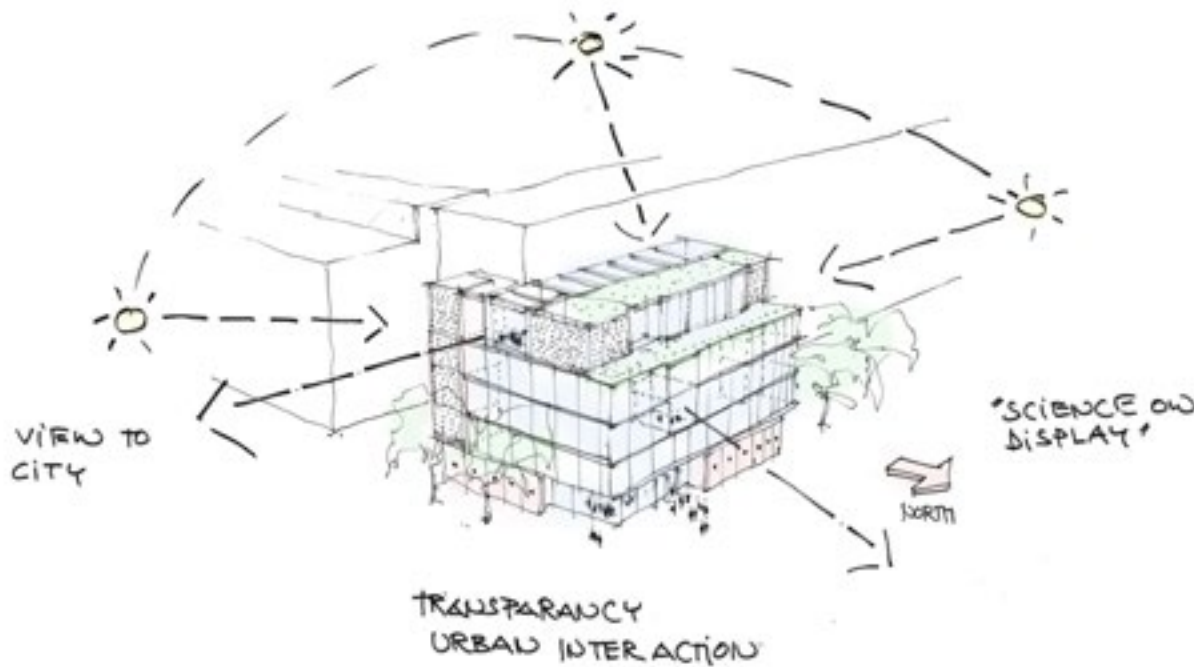


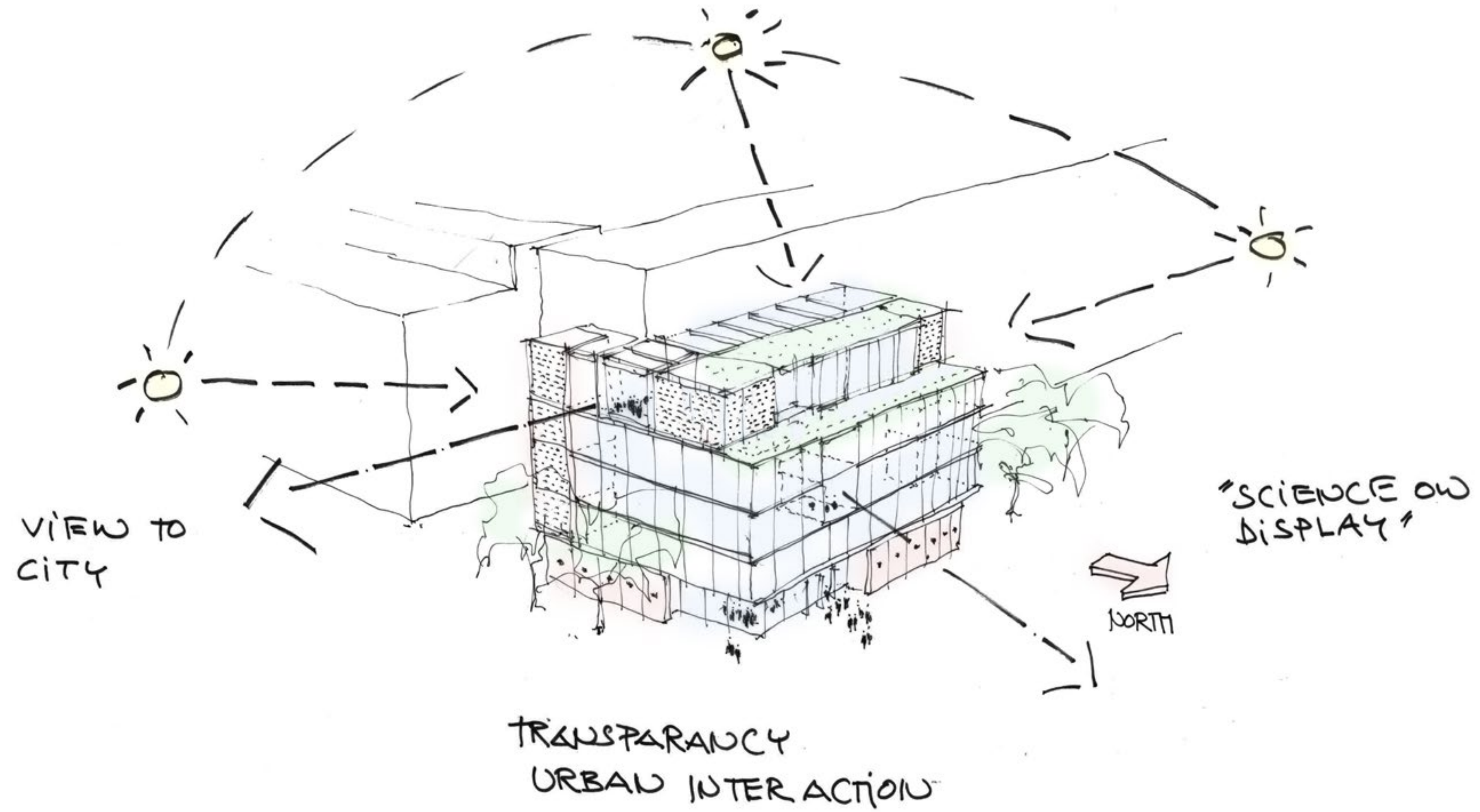


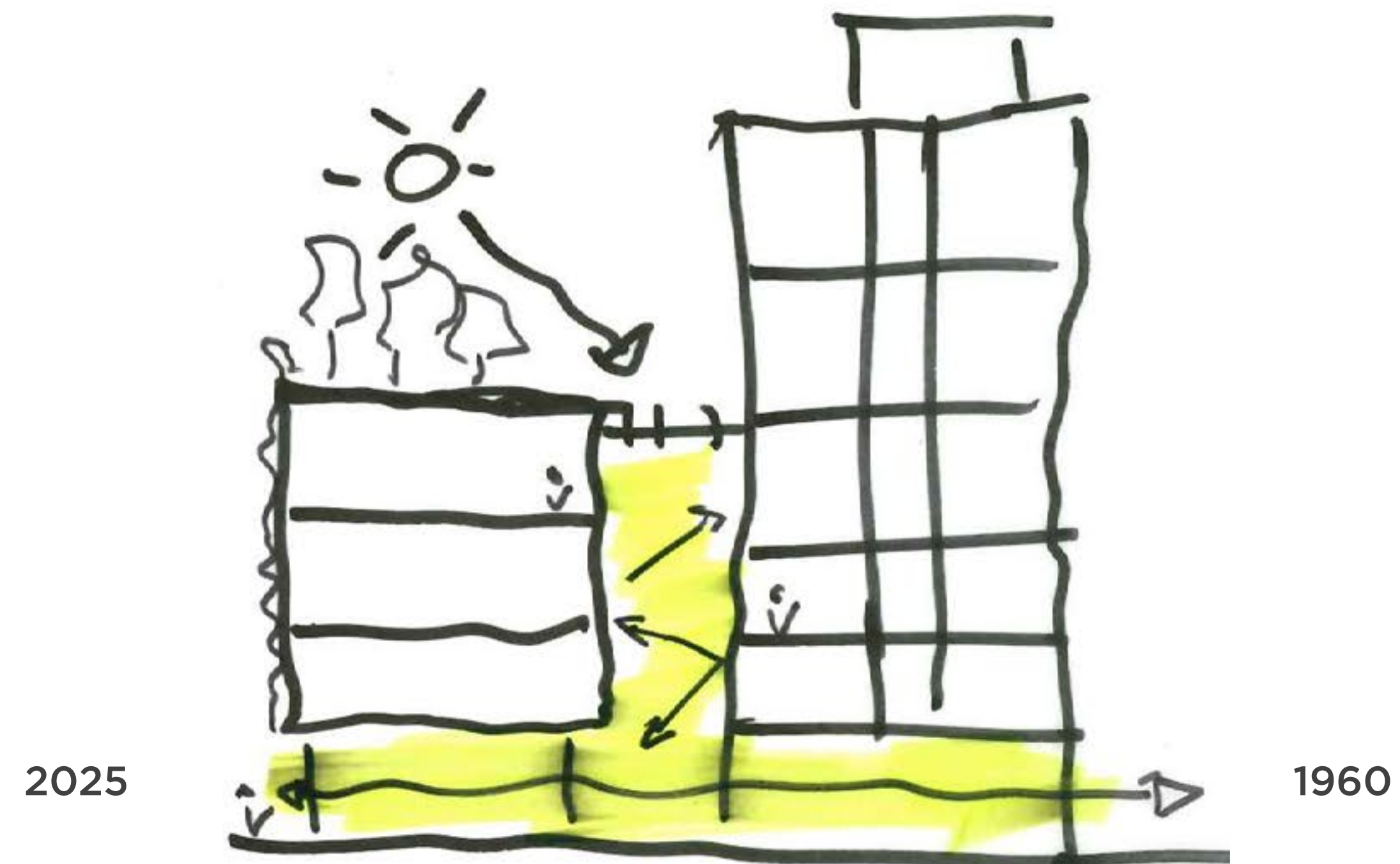
THE LASH MILLER EXPANSION UNIVERSITY OF TORONTO

THE LABS OF THE FUTURE

| | | | |
|--------------------|-------------------------|-------------------------|----------------------|
| Location | Toronto, Canada | Design Architect | Mikkelsen Architects |
| Client | University of Toronto | Local Architect | Cumulus Architects |
| Stakeholder | Acceleration Consortium | Lab Consultant | McCallumSather |
| Area | 6,000 m ² | Engineering | Arup |
| Status | Under Construction | Contractor | Urbacon |



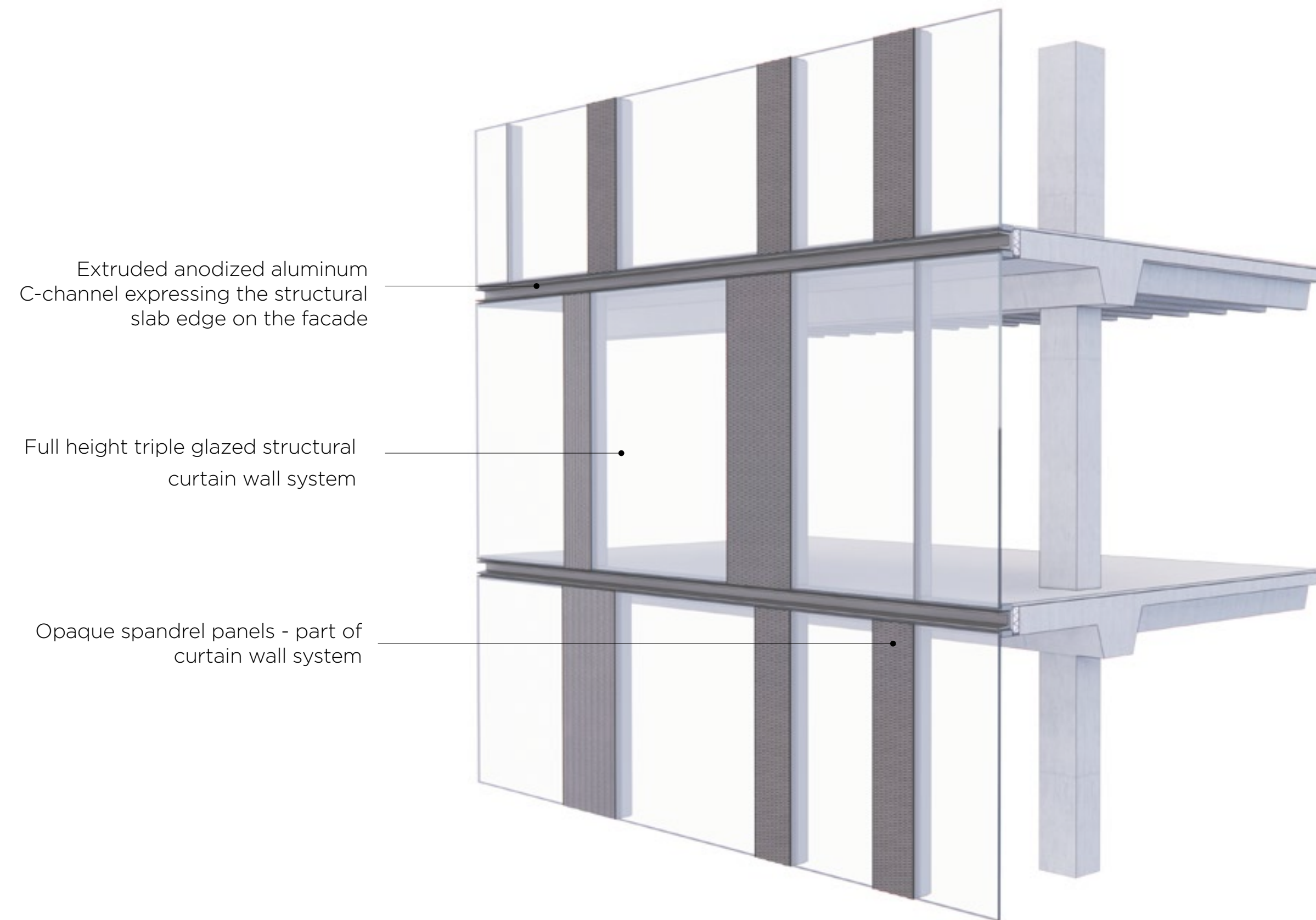




New and Old

Creating a synergy between the existing building and new expansion





PROPOSED FACADE

- High performance facade = ability to achieve large spans of glazing
- Prefabrication & unitization = quality assurance
- Full height glazing = science on display

Concrete Column & Beam
Structure expressed on
facade

Infill elements - non structural
Brick cladding

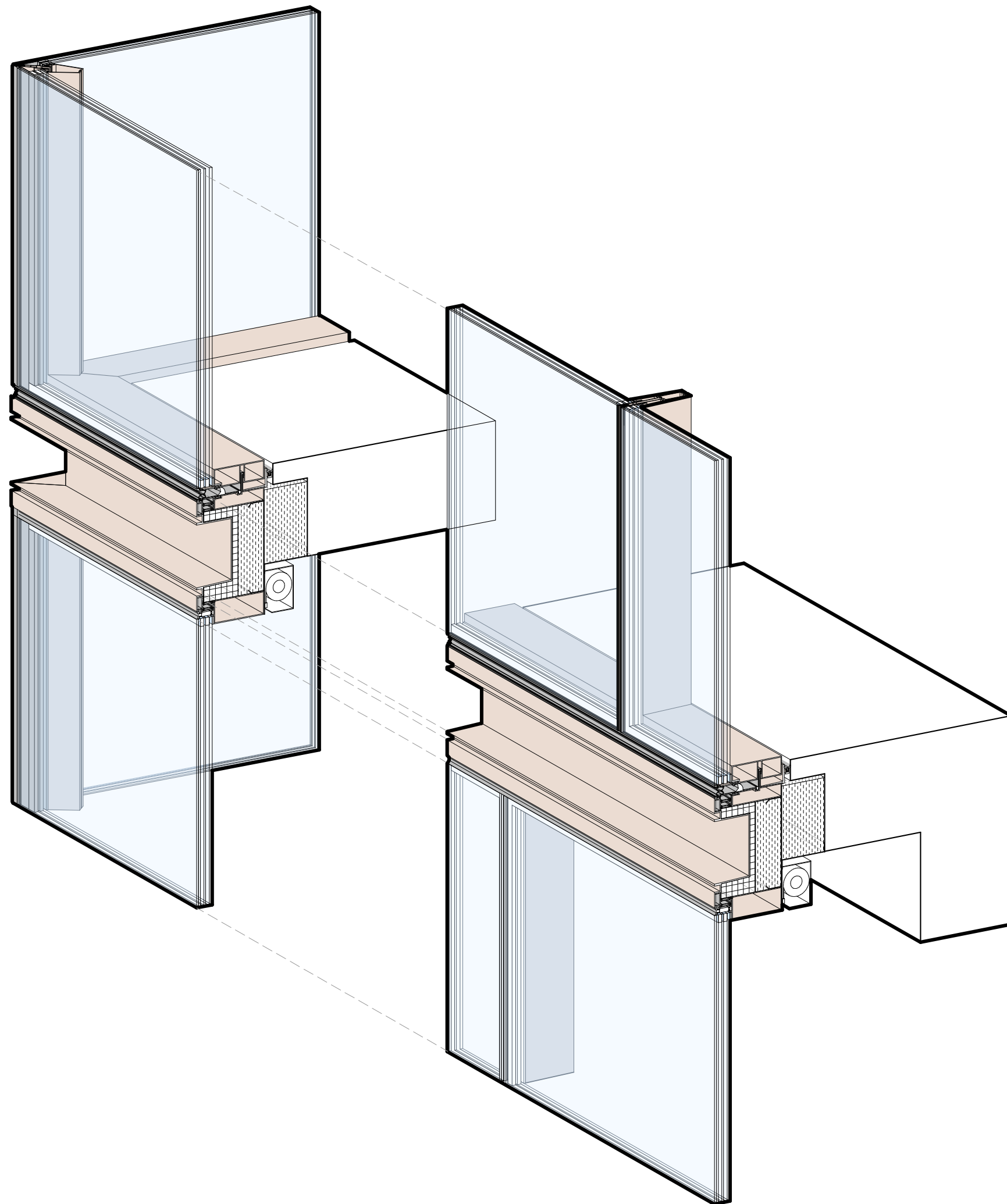
Full height glazing element
with spandrel panel



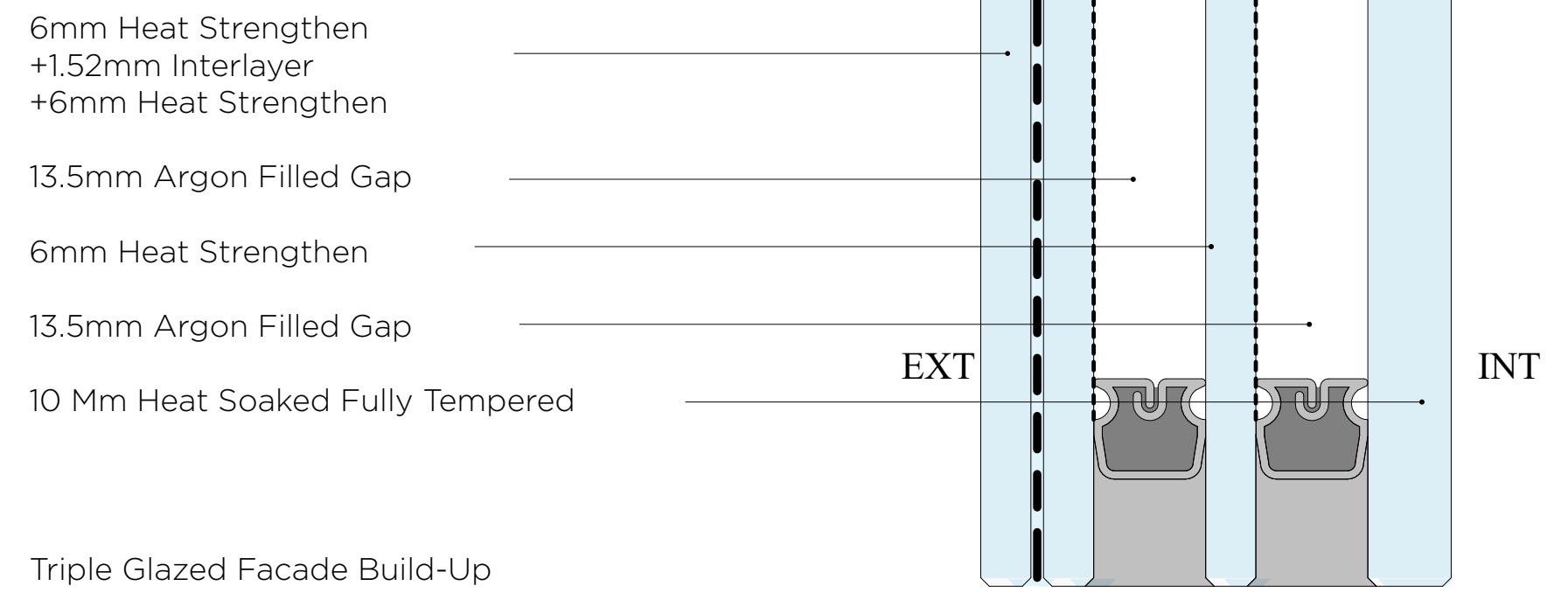
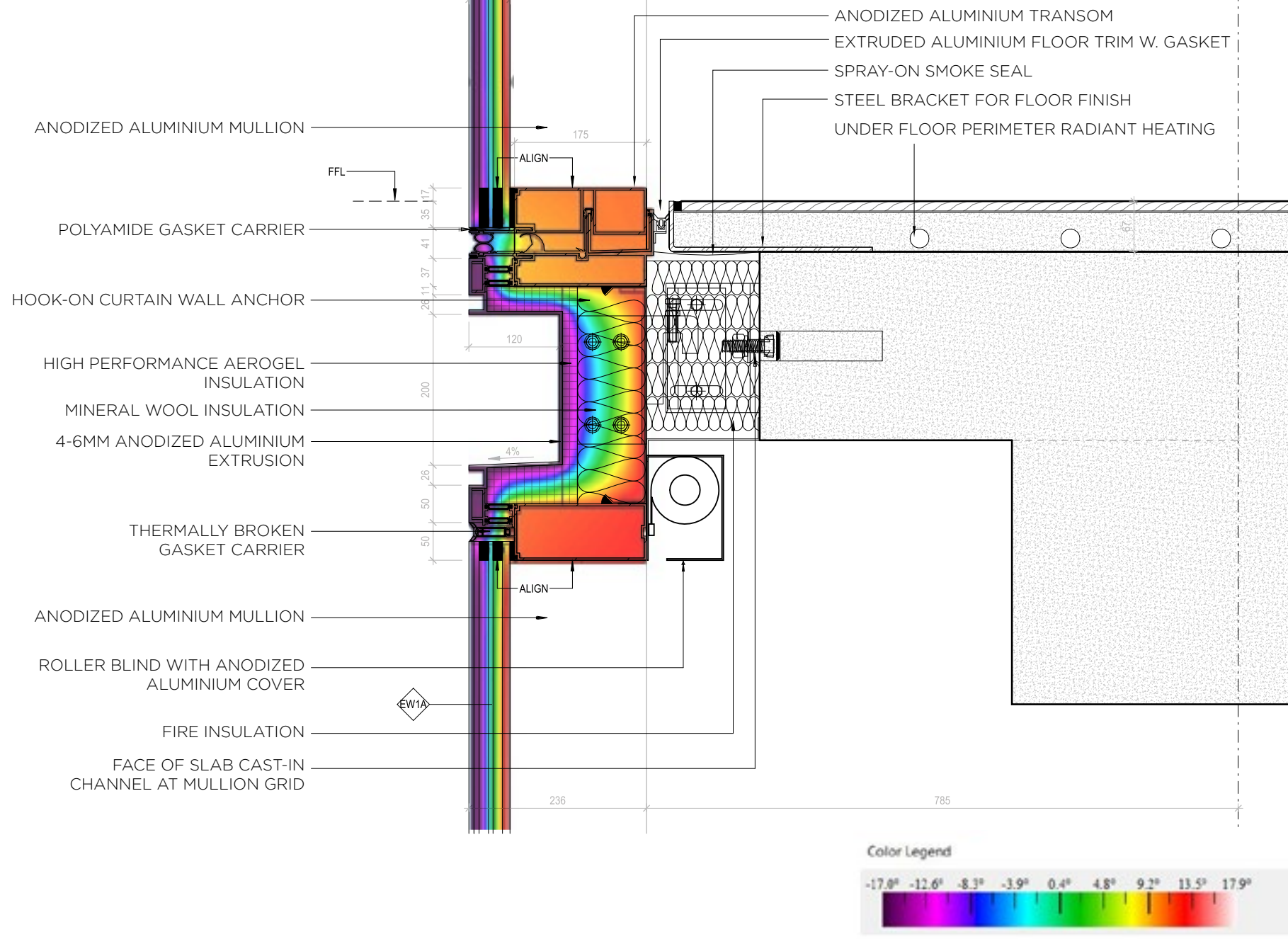
LASH MILLER FACADE

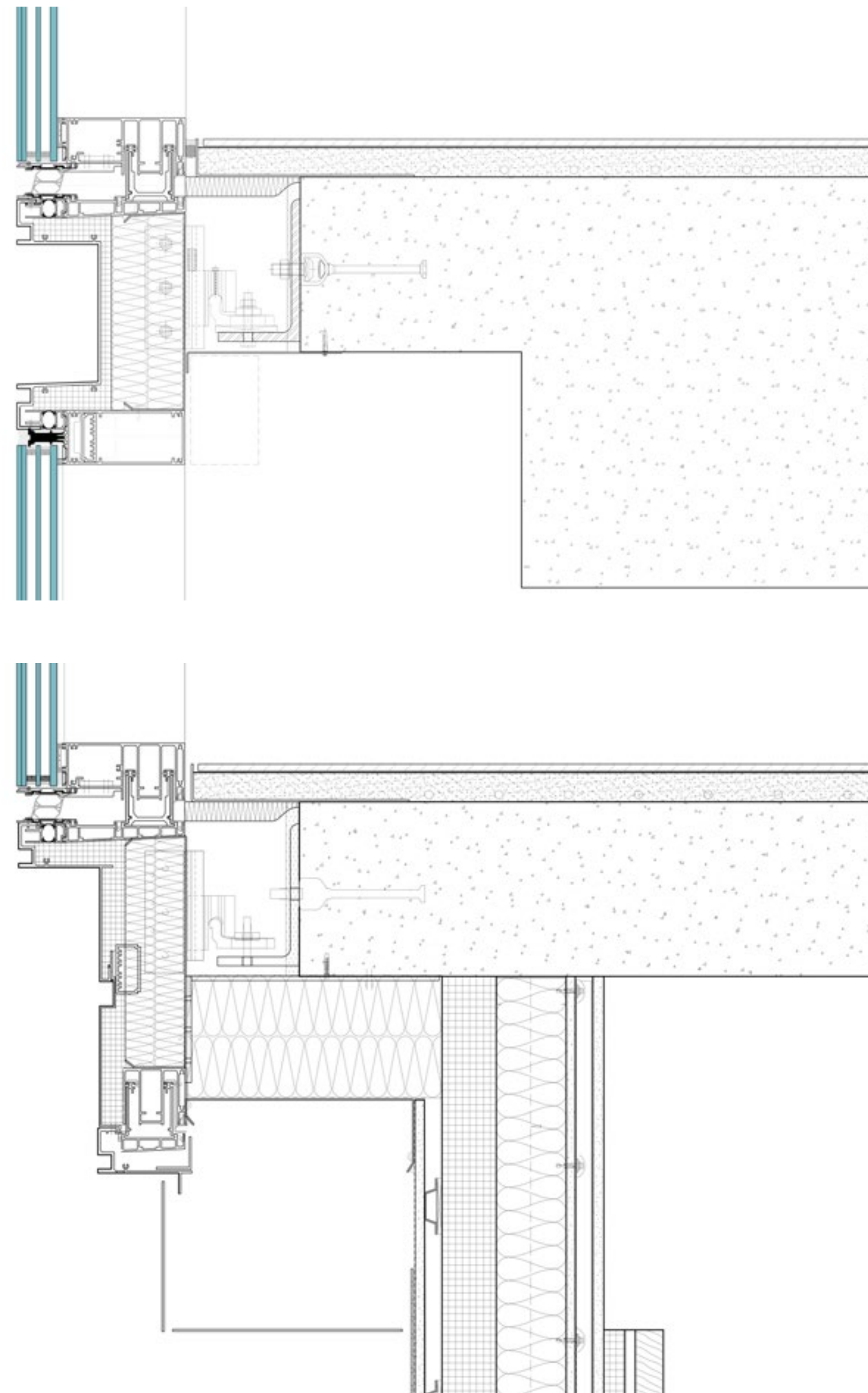
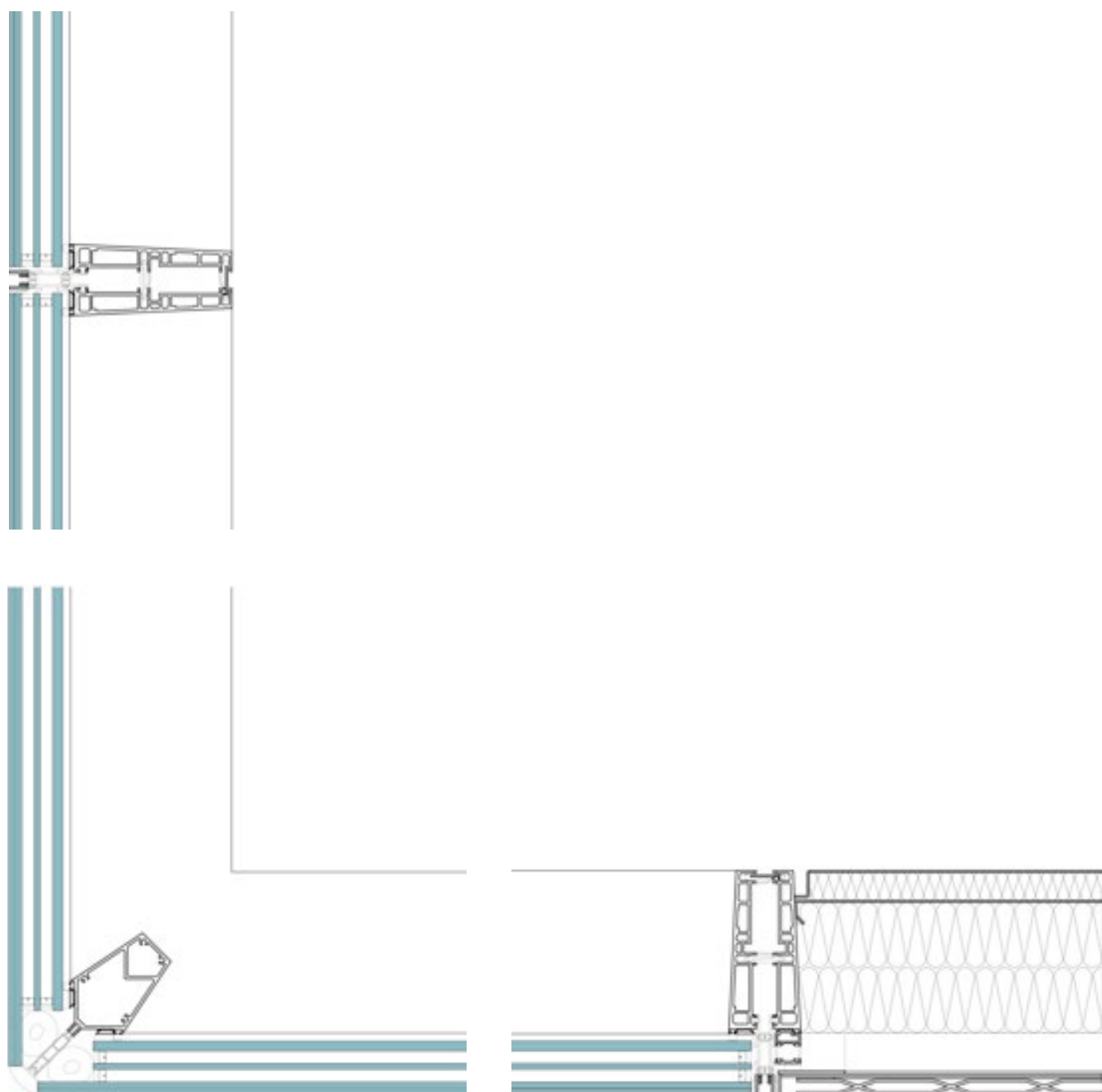
EXISTING (1963)

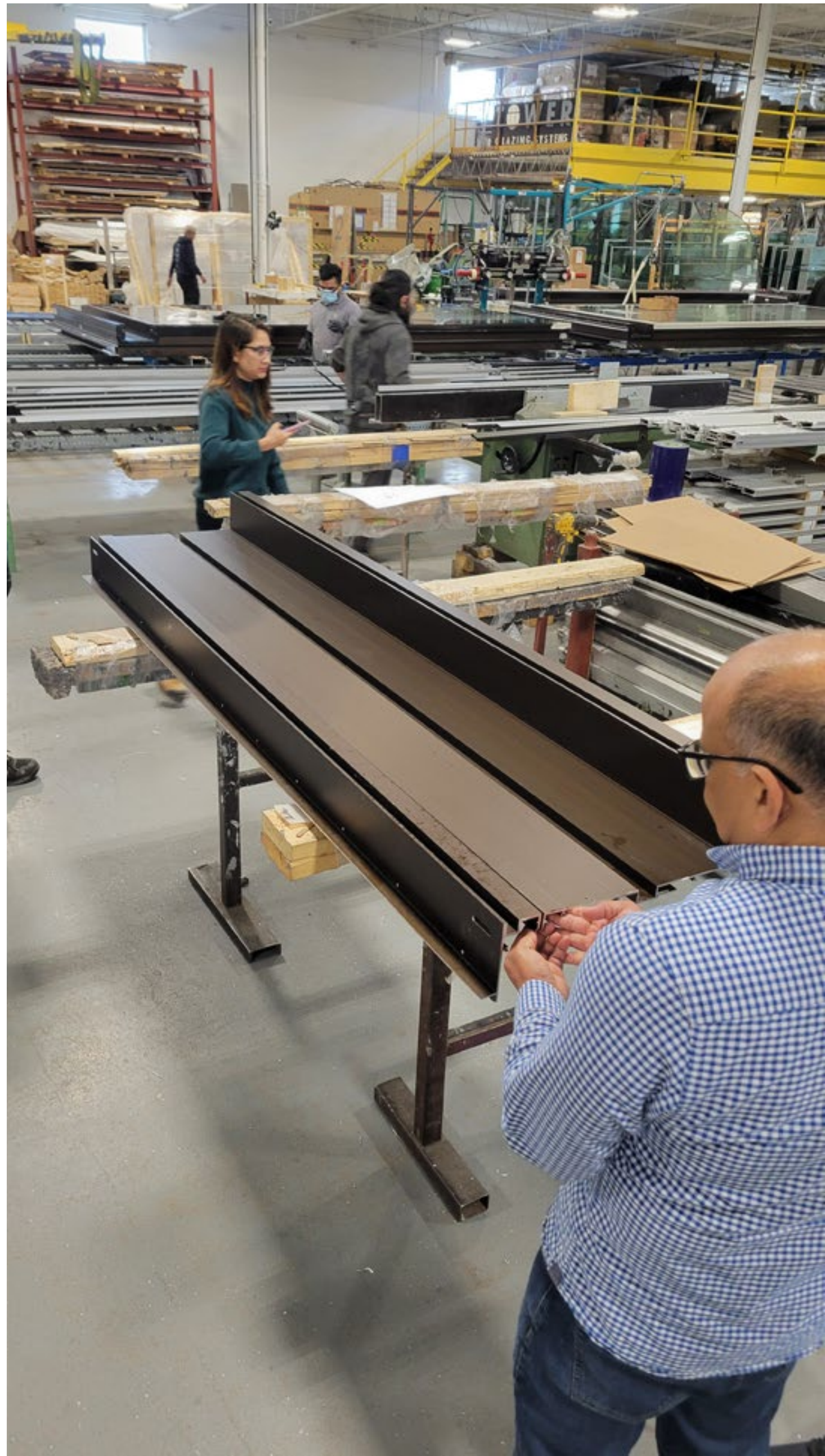
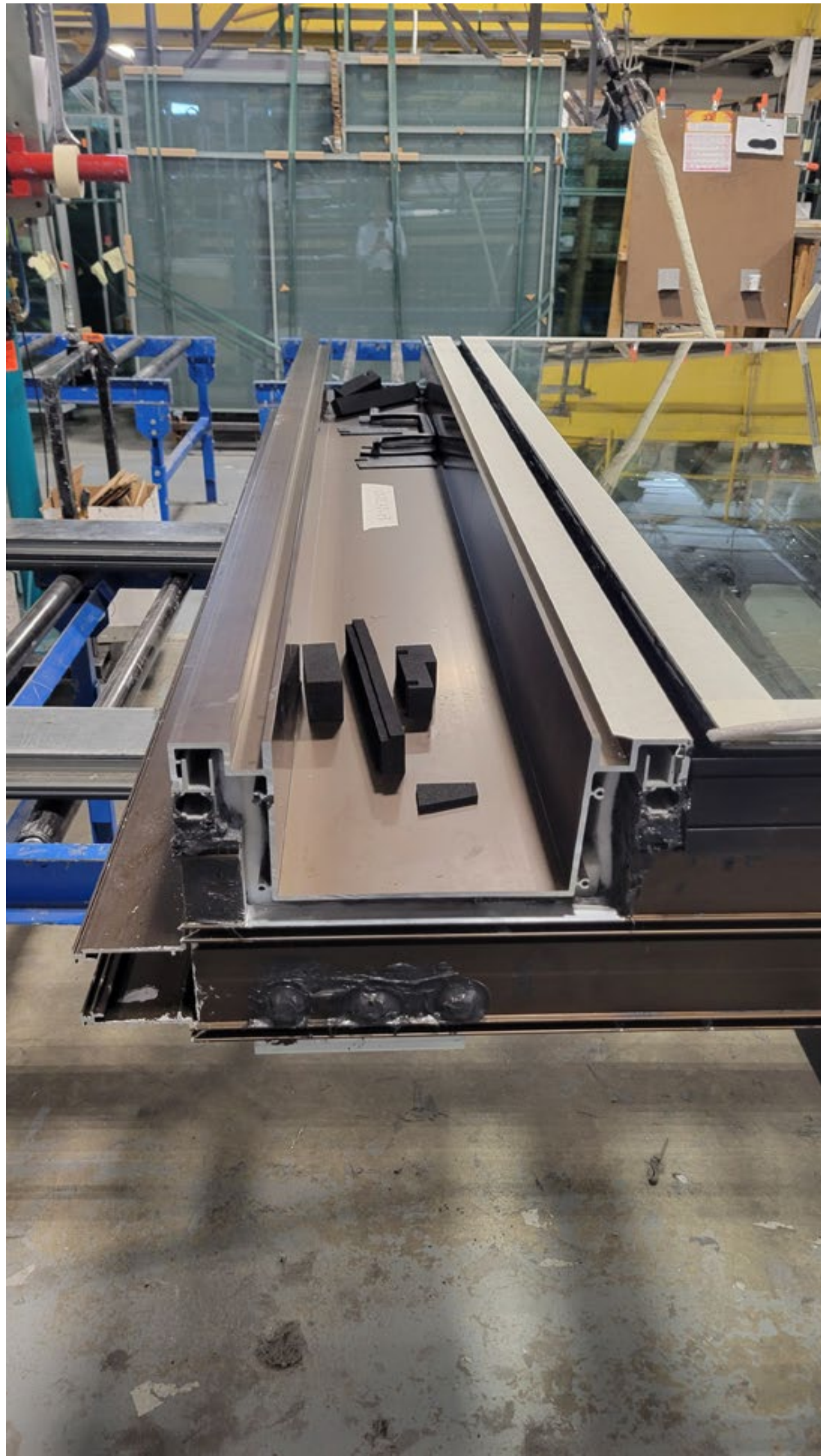
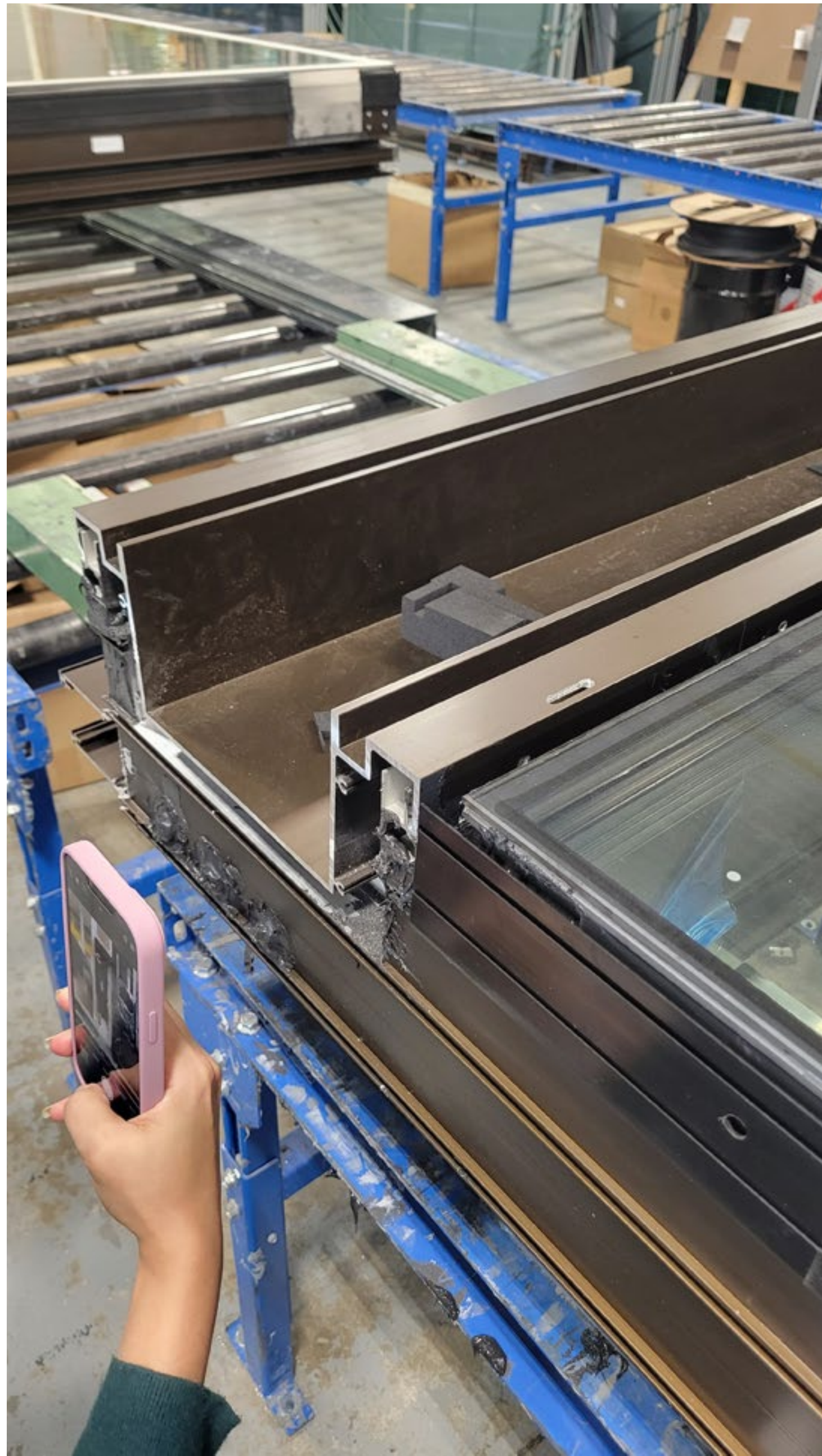


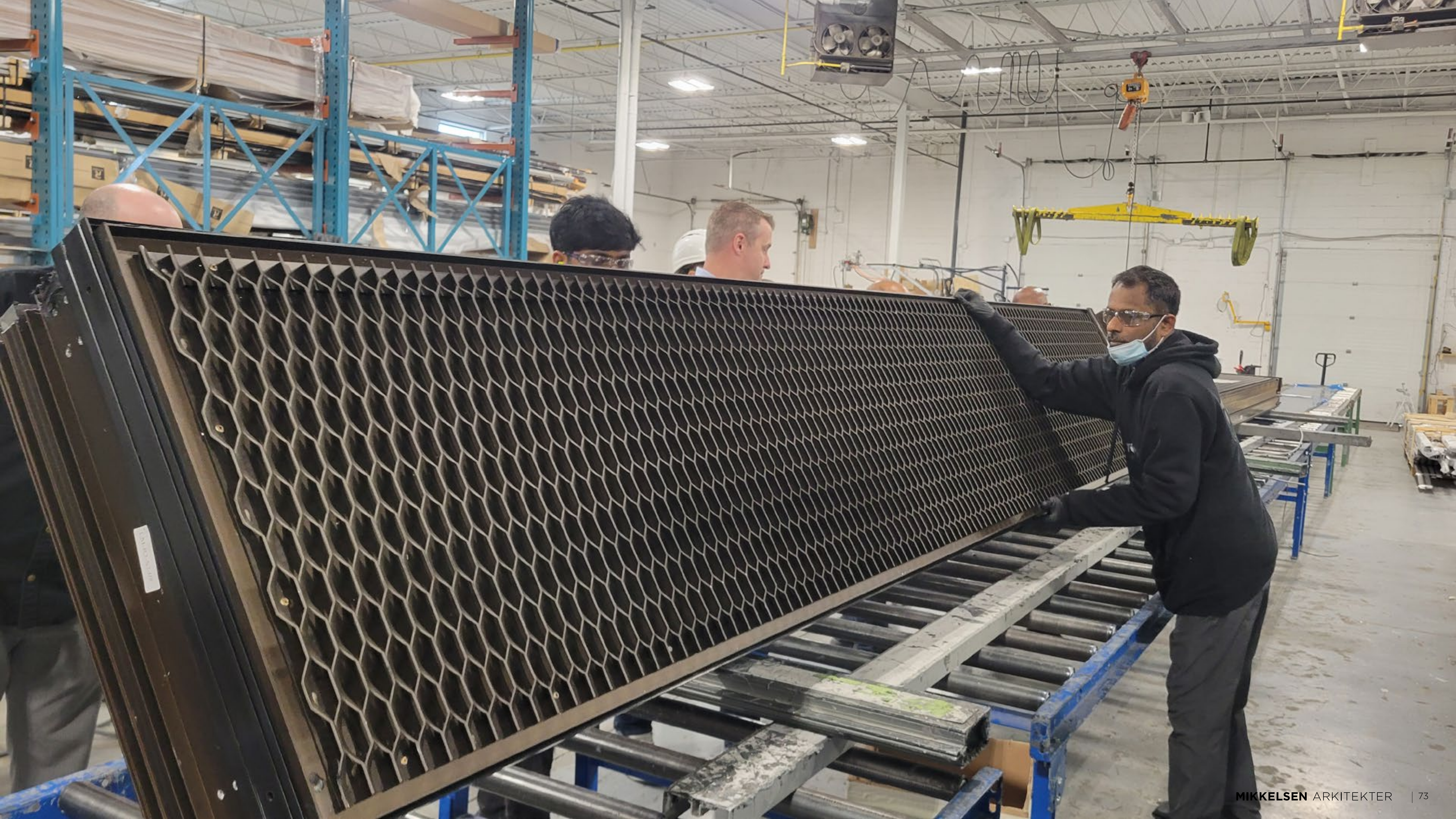


FACADE COMPOSITION
High Performance Facade

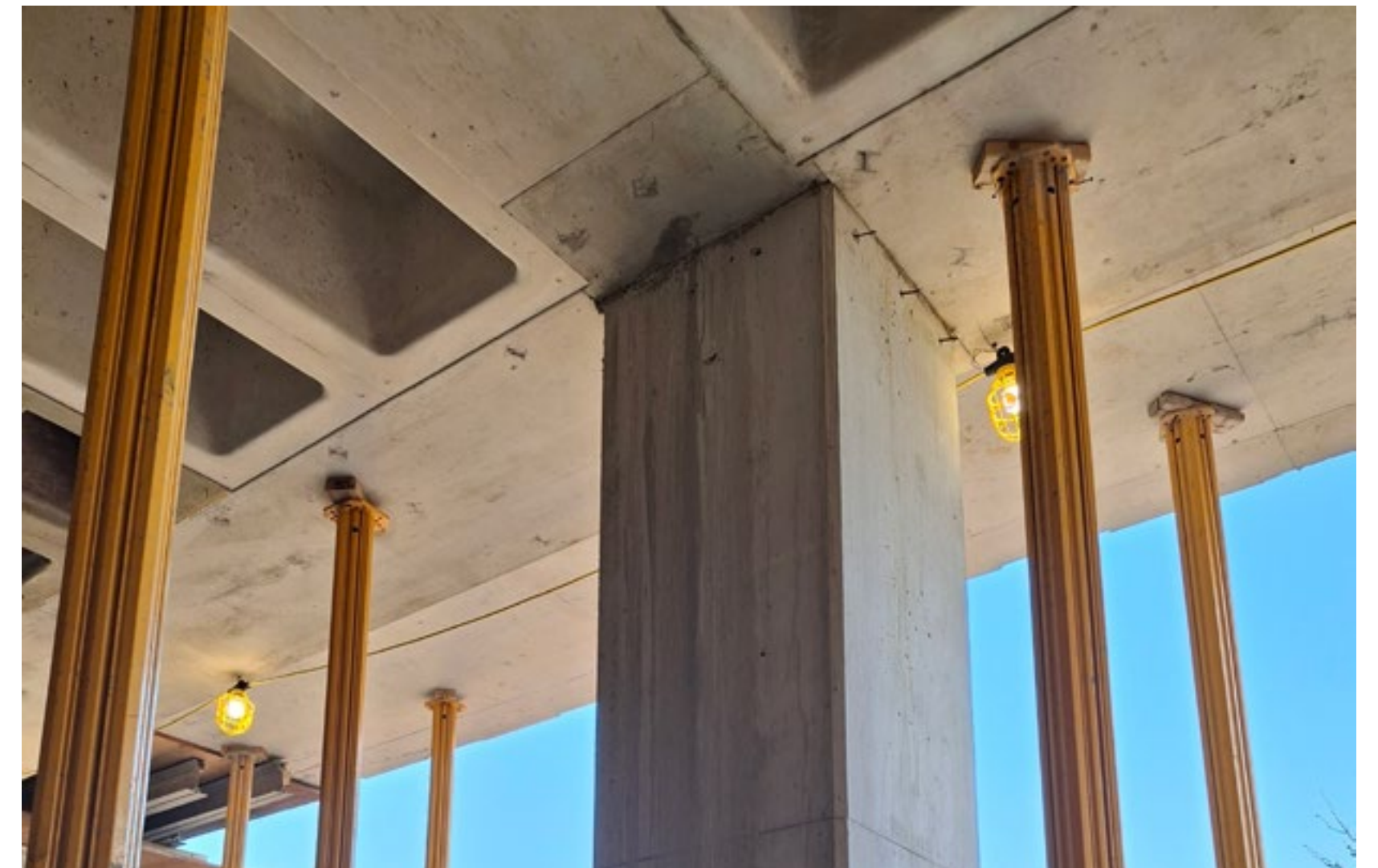




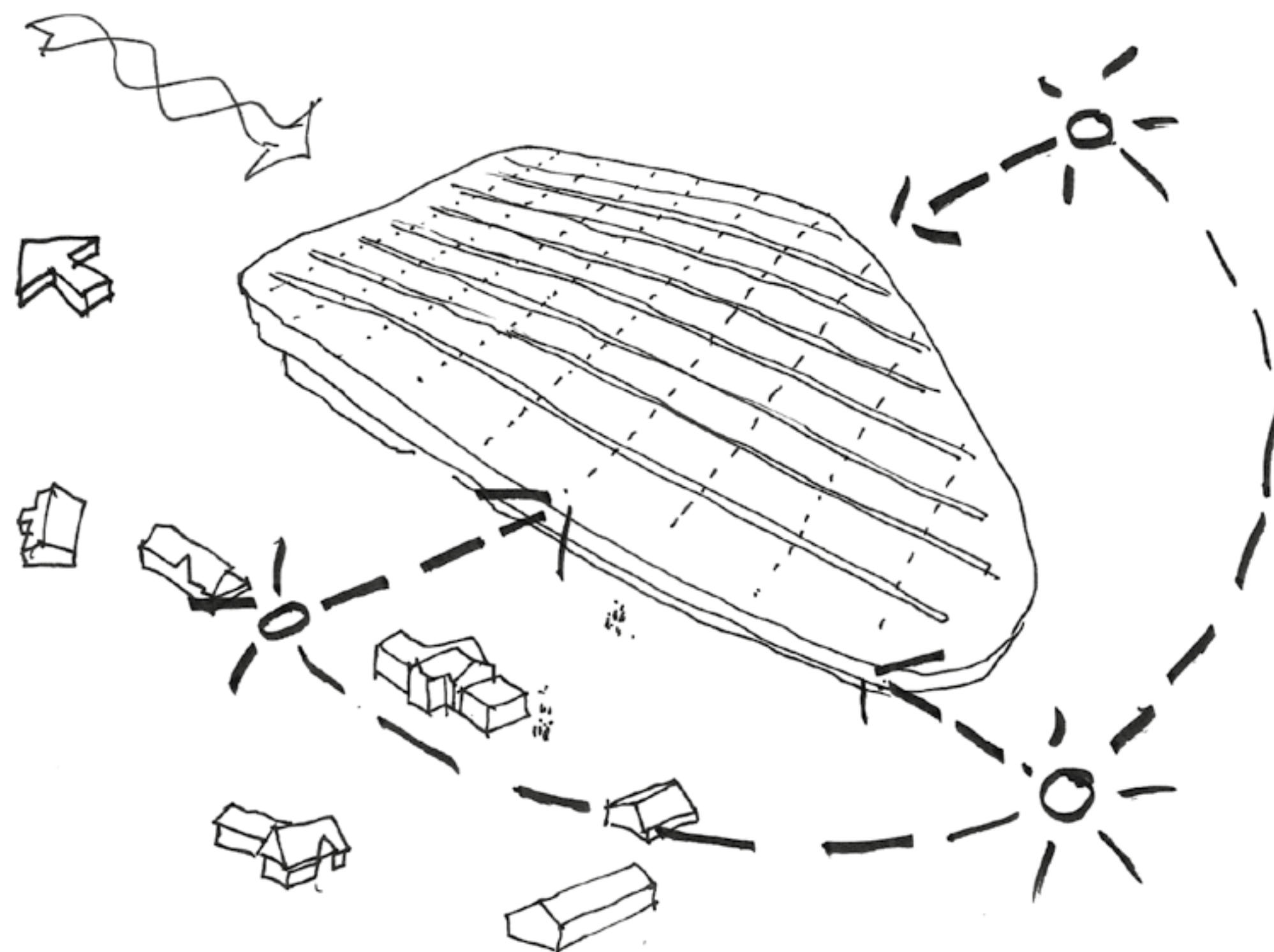




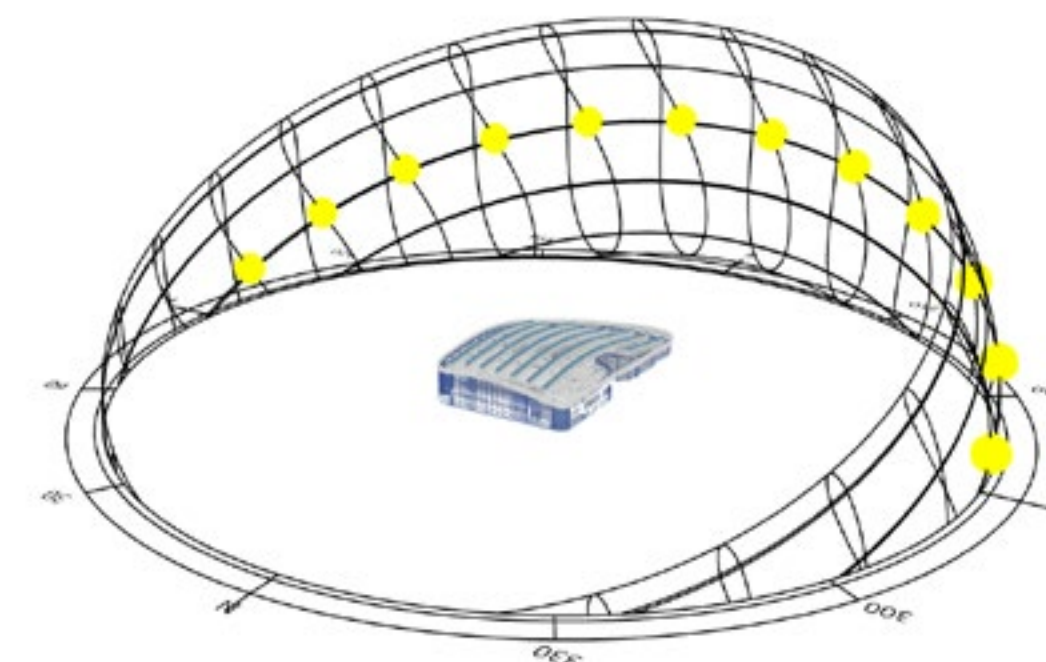




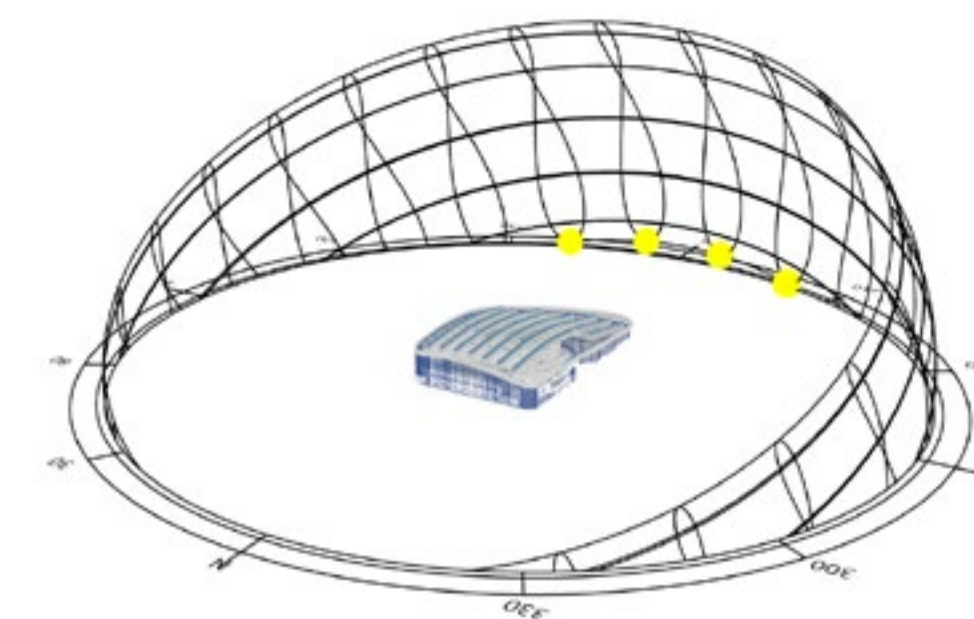




Summer Solstice
41° over horizon

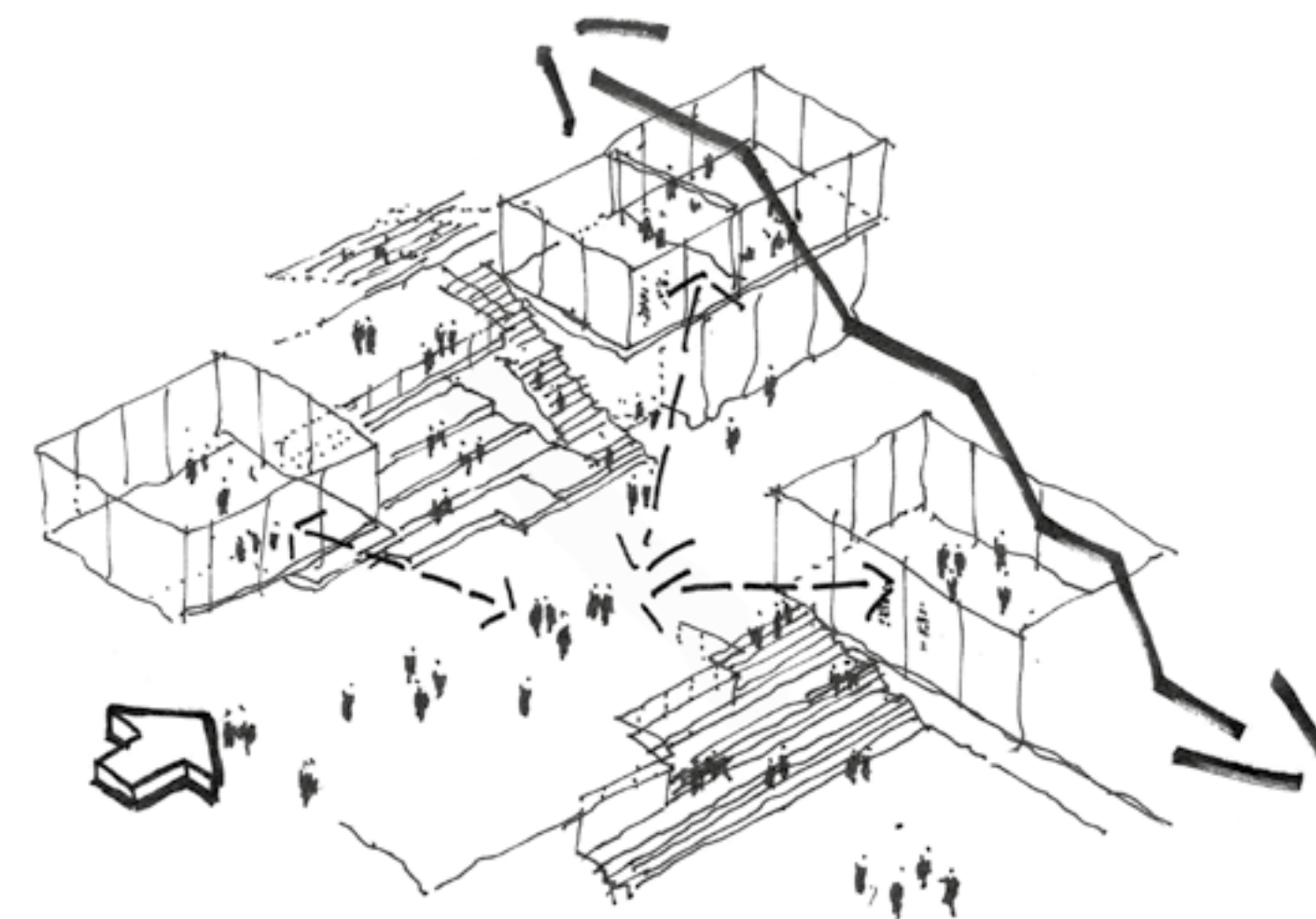


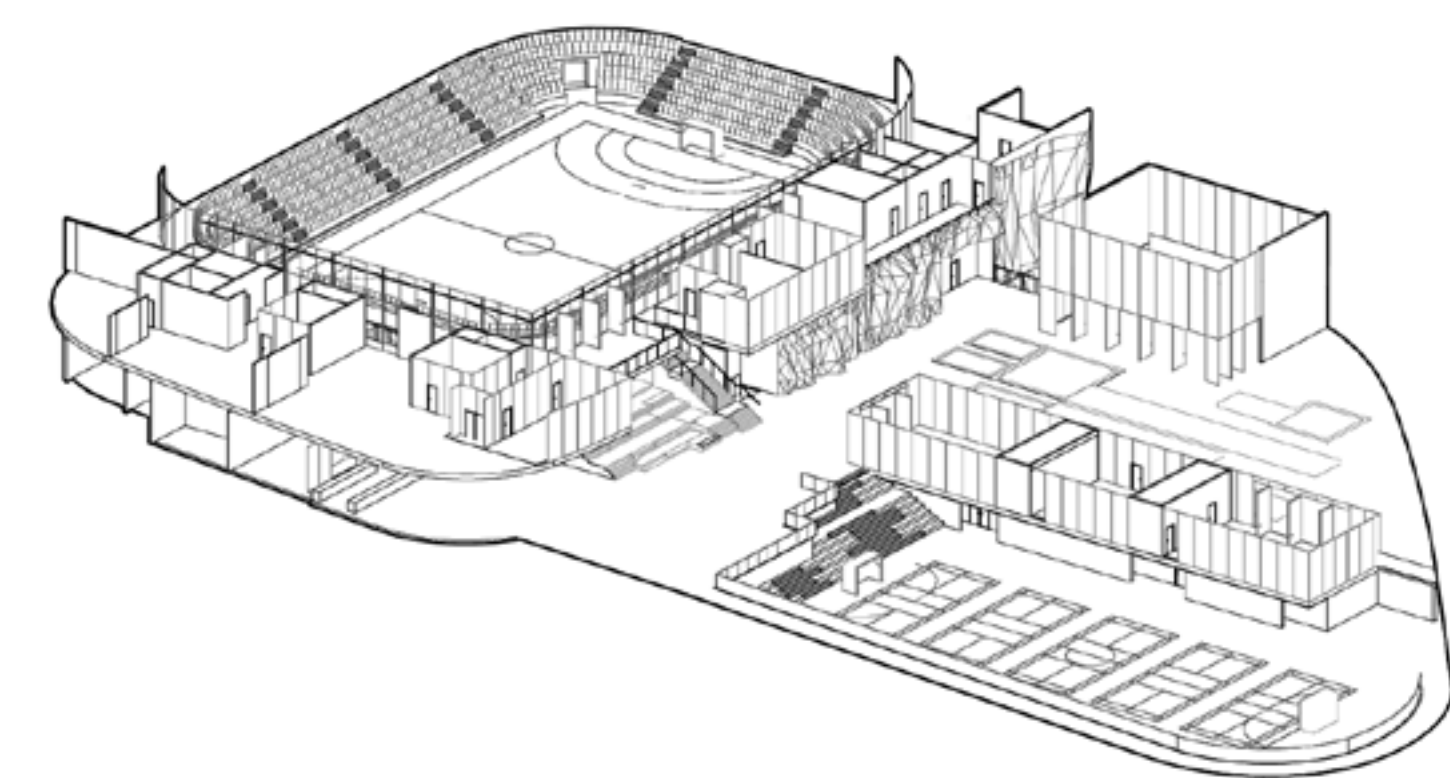
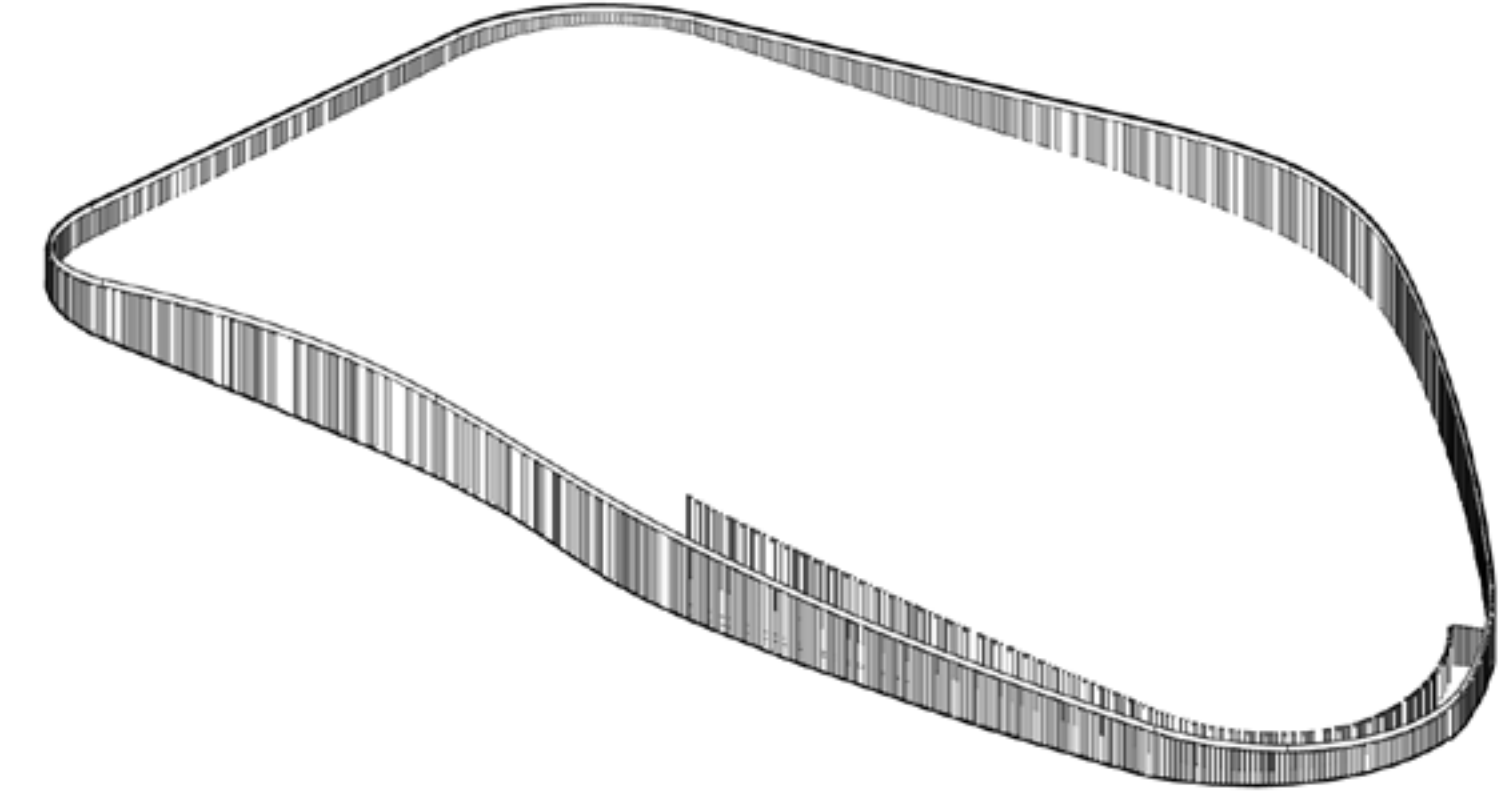
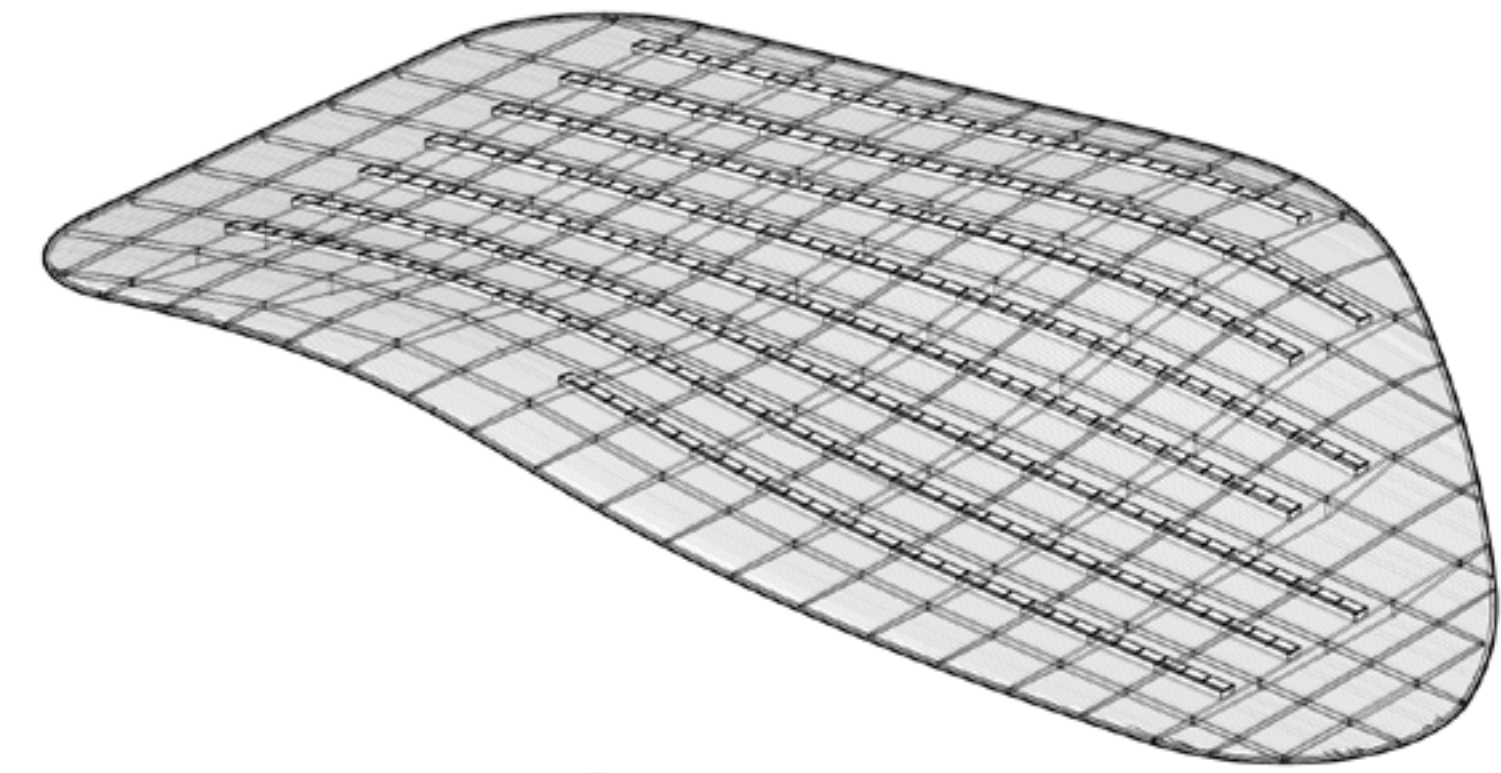
Winter Solstice
3° over horizon





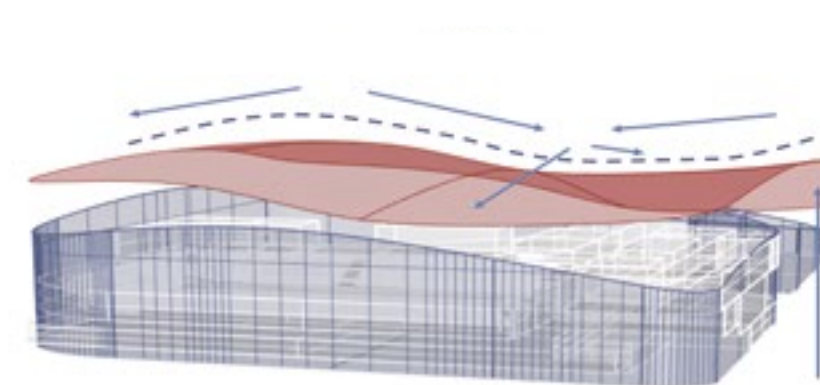
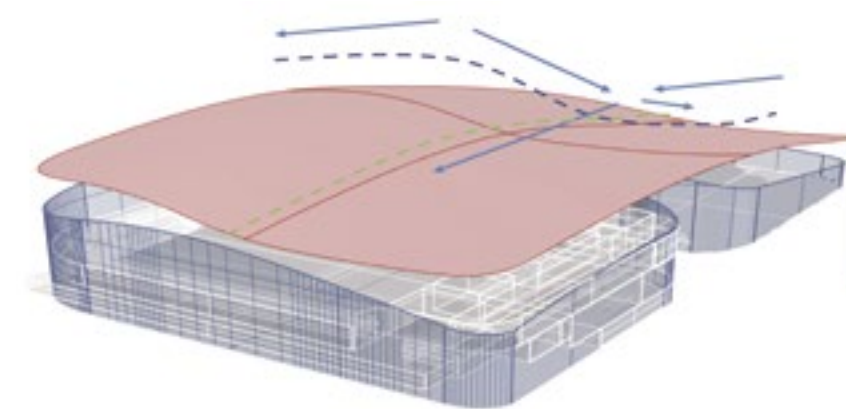
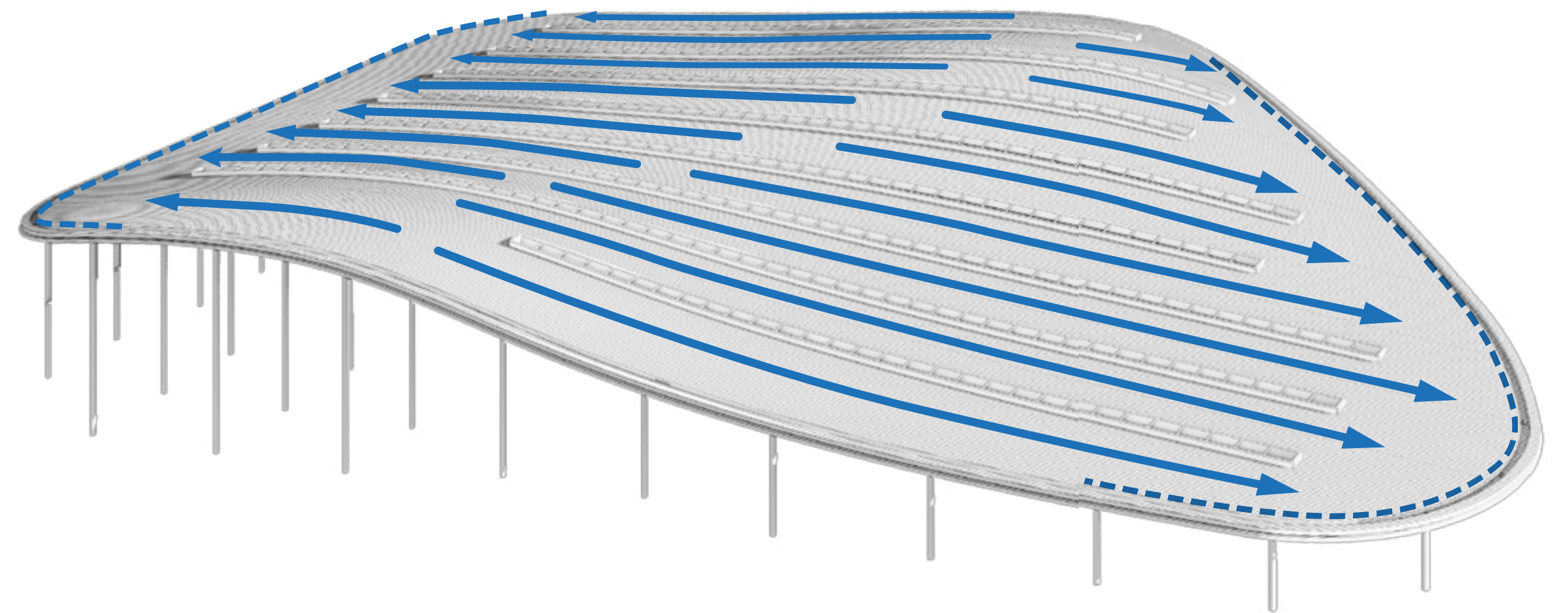
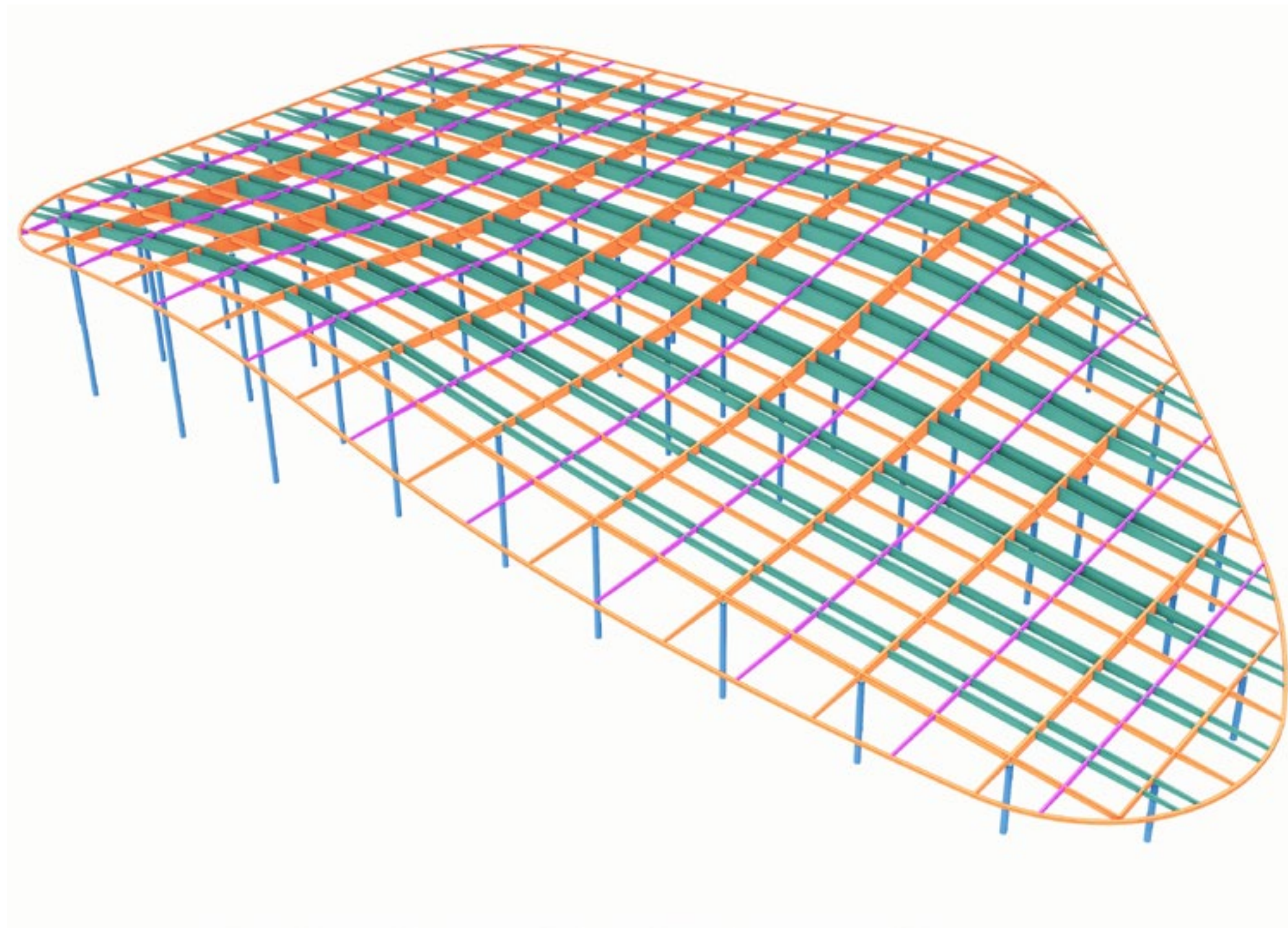
GHB Hallen







GHB Hallen



Double Curved Roof Geometry
Structure for heavy snow and rain protection





MIKKELSEN ARKITEKTER