

# LasnaKino

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Second Mentor: Pierre Jennen  
Third Mentor: Willie Vogel  
Delft University of Technology

P5 Presentation  
Cheung Kwan Yuet Mabel  
25/06/2024





*Laagna Tee*

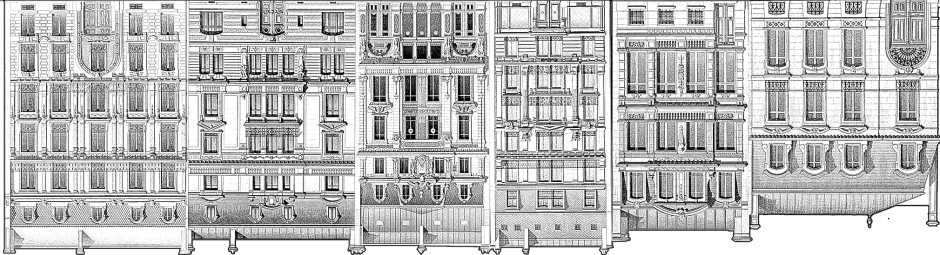
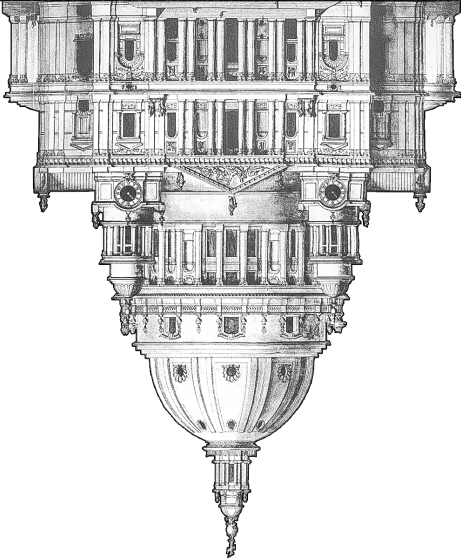
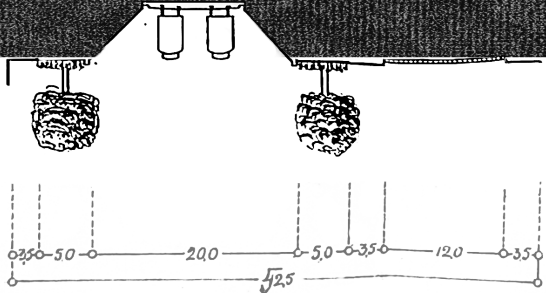
*Centre*

*Housing*

**Soviet's**



**Saarinen's**



**Conceptual Section**

**Comparative Analysis of Eliel Saarinen's Lasnamae and the Soviet's Lasnamae**



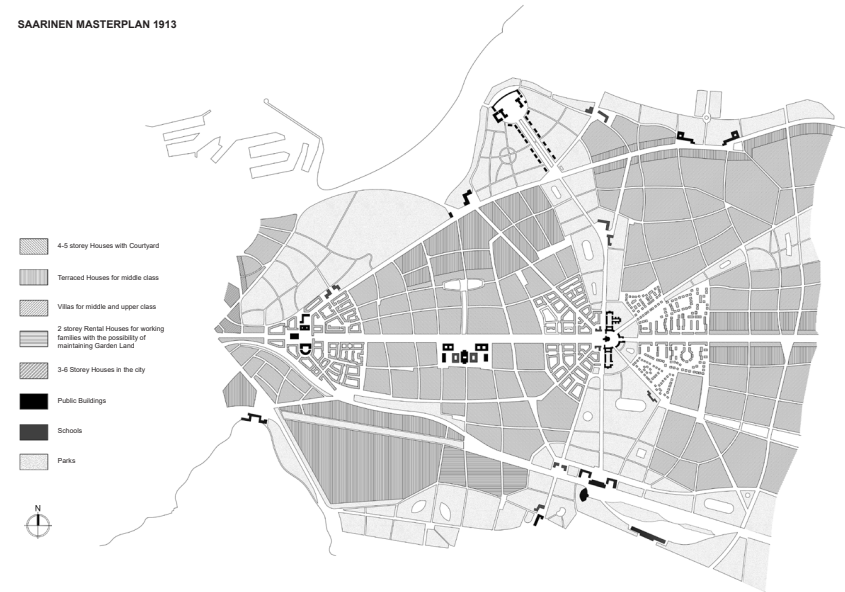
# Saarien 1913

# Soviet 1970s

# Saarien and Soviet

Past

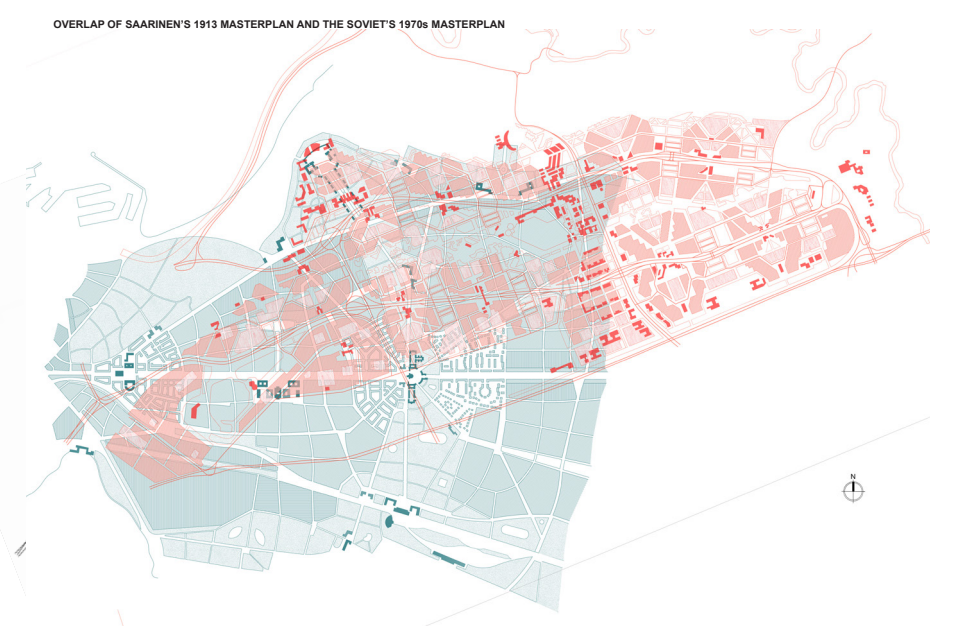
SAARINEN MASTERPLAN 1913



LASNAMEA SOVIET'S 1970S MASTERPLAN



OVERLAP OF SAARINEN'S 1913 MASTERPLAN AND THE SOVIET'S 1970s MASTERPLAN



OVERLAP OF SAARINEN'S 1913 MASTERPLAN ON TODAY MAP



OVERLAP OF SAARINEN'S 1913 MASTERPLAN ON TODAY MAP



OVERLAP OF SAARINEN'S 1913 MASTERPLAN AND THE SOVIET'S 1970s MASTERPLAN ON TODAY MAP



Present

Comparing "Utopias": Layering historic masterplans of Saarinen and the Soviet





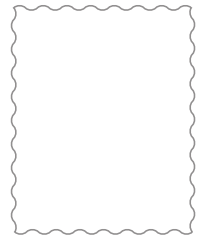
## « Completing Saarinen's Plan »

Dear Mr. Saarinen,

Unfortunately, your Greater Tallinn of 1913 was never built, but part of your dream lives on. A forty-five-meter-wide sunken channel in fact exists connecting the city center to Lasnamäe. It's just that in place of trams, a strip of green, ten meters wide sits there instead. The symmetrical squares you imagined along this central boulevard, are not occupied by an opera, a St. Paul's Church, nor a town hall. In their place, there are Rimis, Maximas, Prisma and KFC. Your beloved Parisian streetscape of six-story high town houses is replaced by the reality of seventy meter long, nine-story high concrete blocks. The plans of Lasnamäe may be incomplete. Regardless, please visit.

Sincerely,  
A fan

*Overlay of Laagna Tee of Lasnamäe and tram in city centre of Tallinn*



**Double Exposure Images from Lasnamäe**





Site Photos of Lasnamäe





Google Earth

© 2023 Airbus



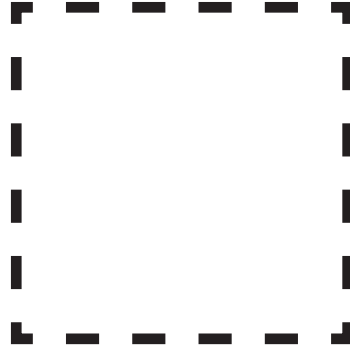
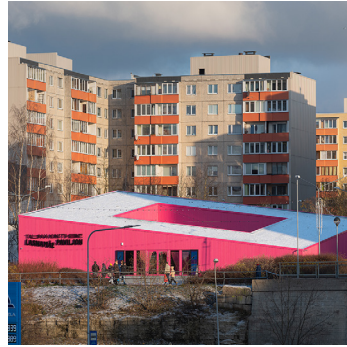




Existing Prisma Warehouse Supermarket



Infrastructure for film



Lilya 4-ever (2002)



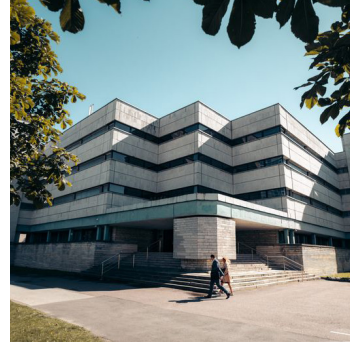
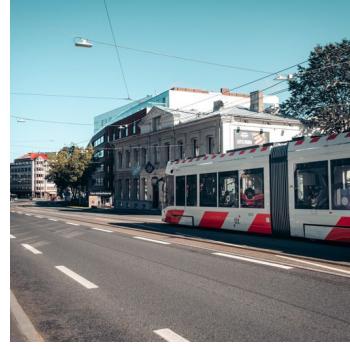
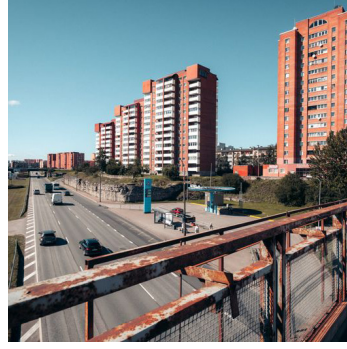
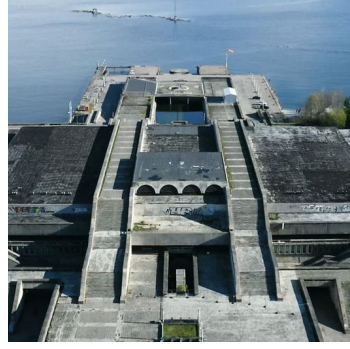
Sügisball (2007)



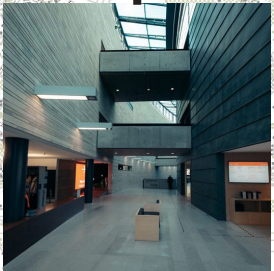
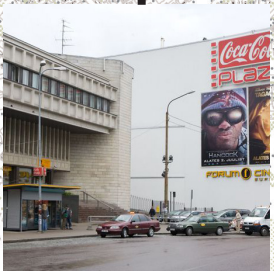
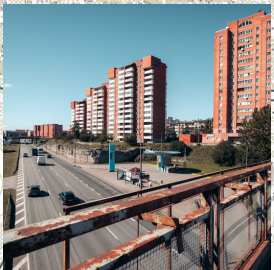
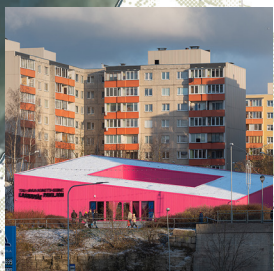
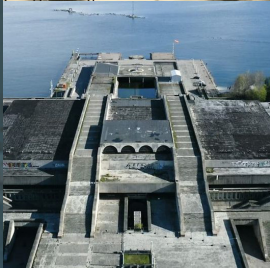
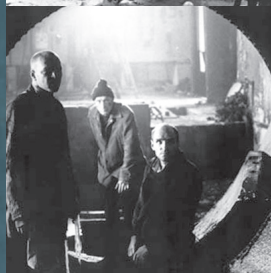
Stalker (1979)



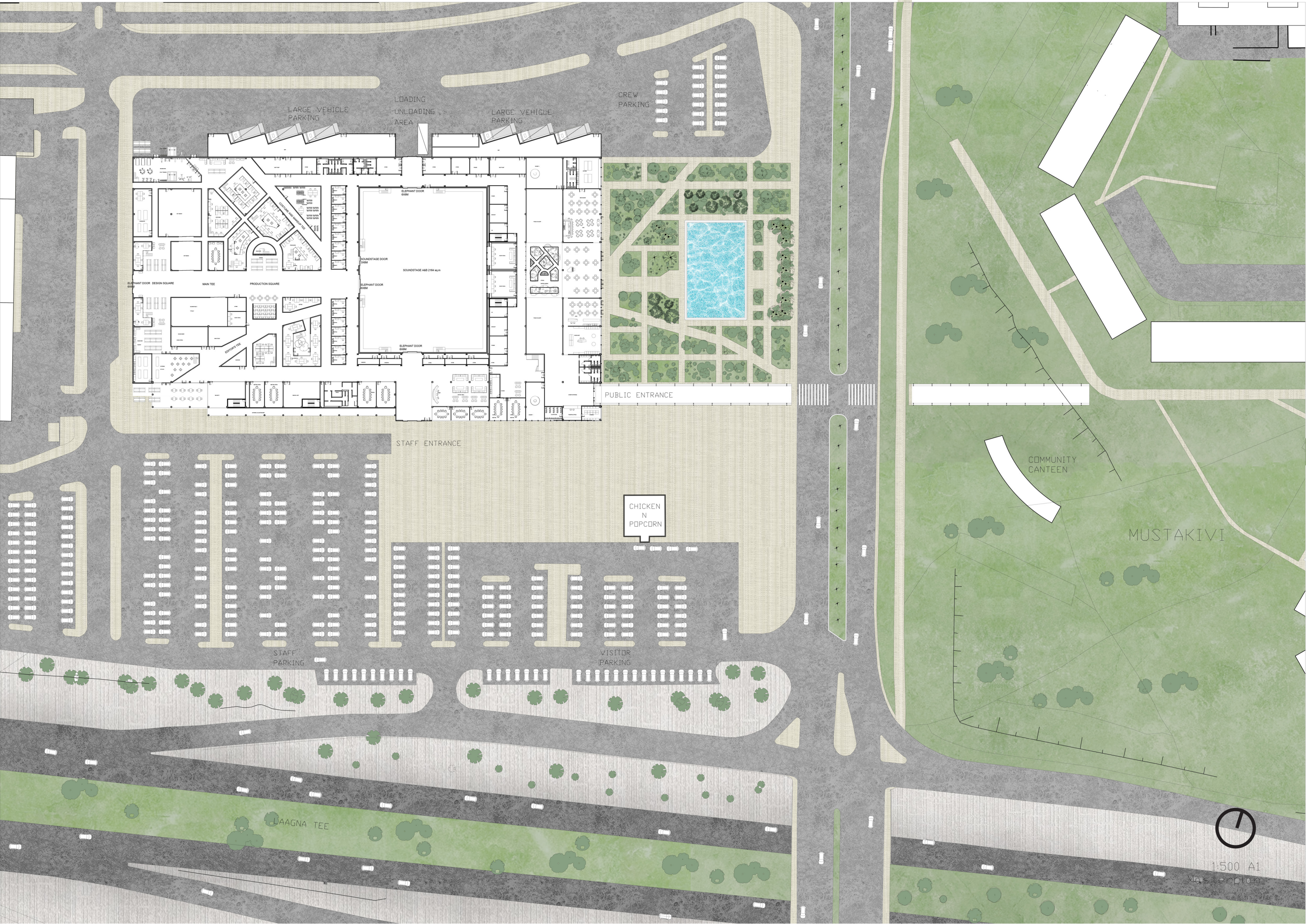
Tenet (2020)











PUBLIC ENTRANCE

STAFF ENTRANCE

CHICKEN  
N  
POPCORN

COMMUNITY  
CANTEEN

MUSTAKIVI

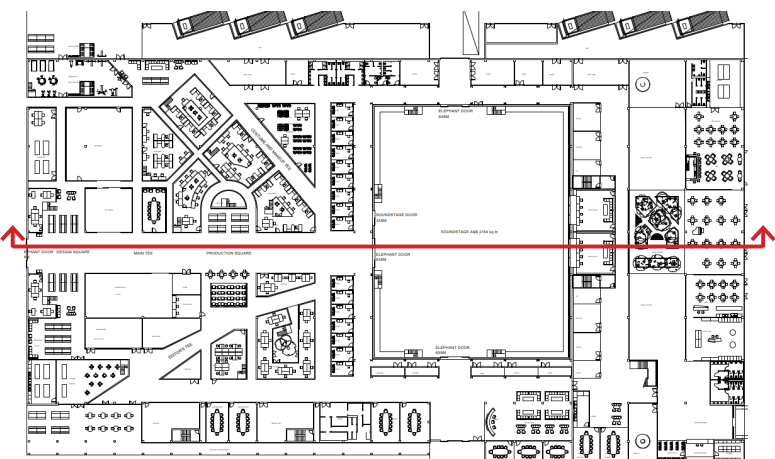
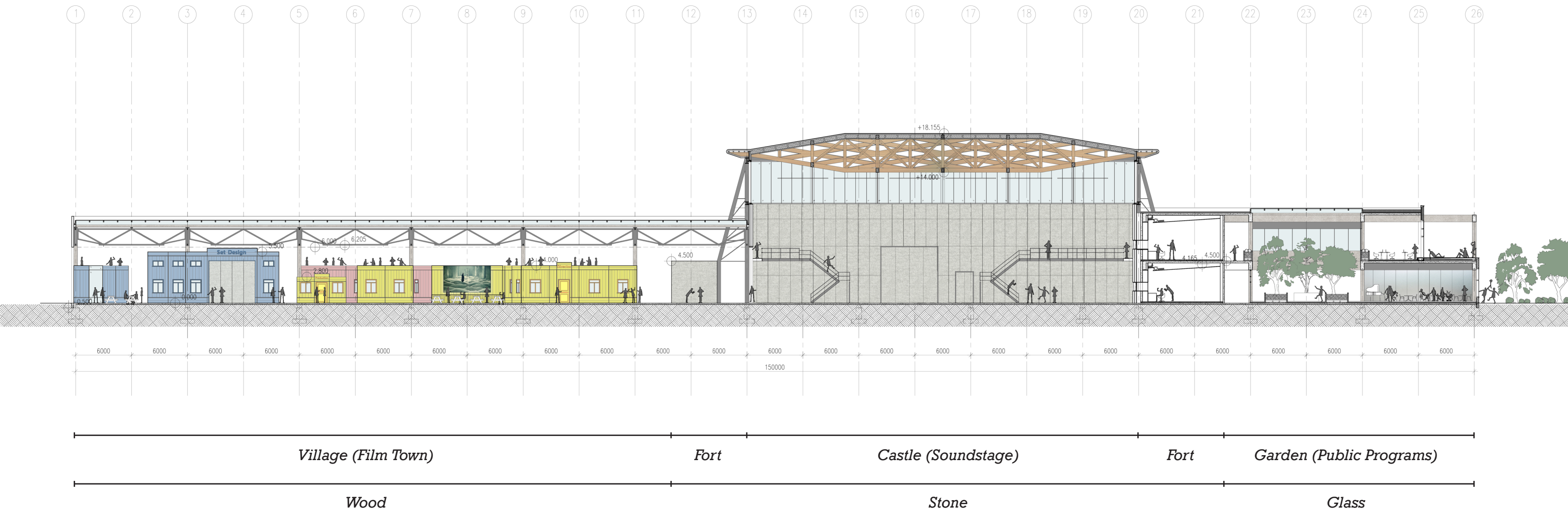
STAFF  
PARKING

VISITOR  
PARKING

LAAGNA TEE

1:500 A1  
Masterplan







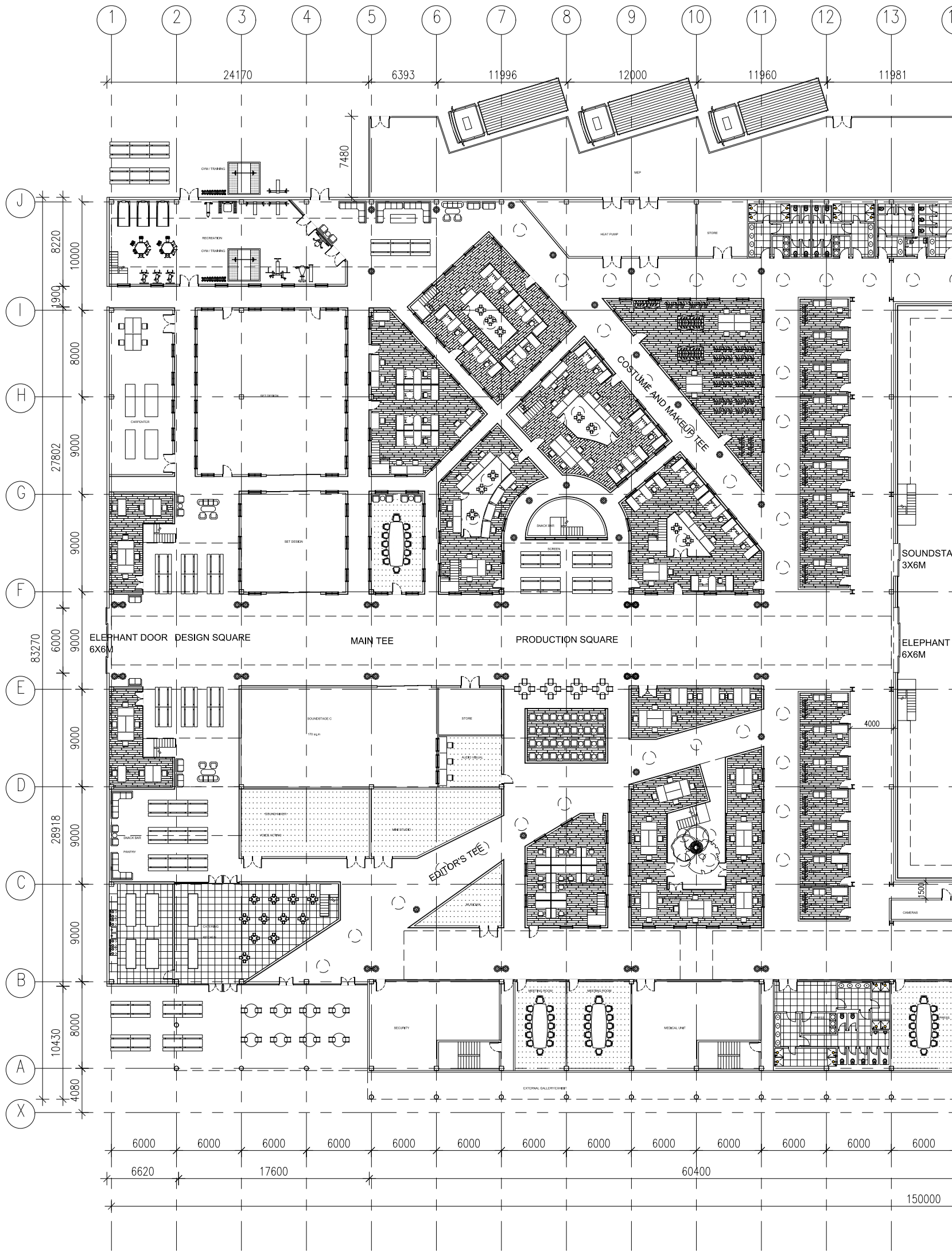




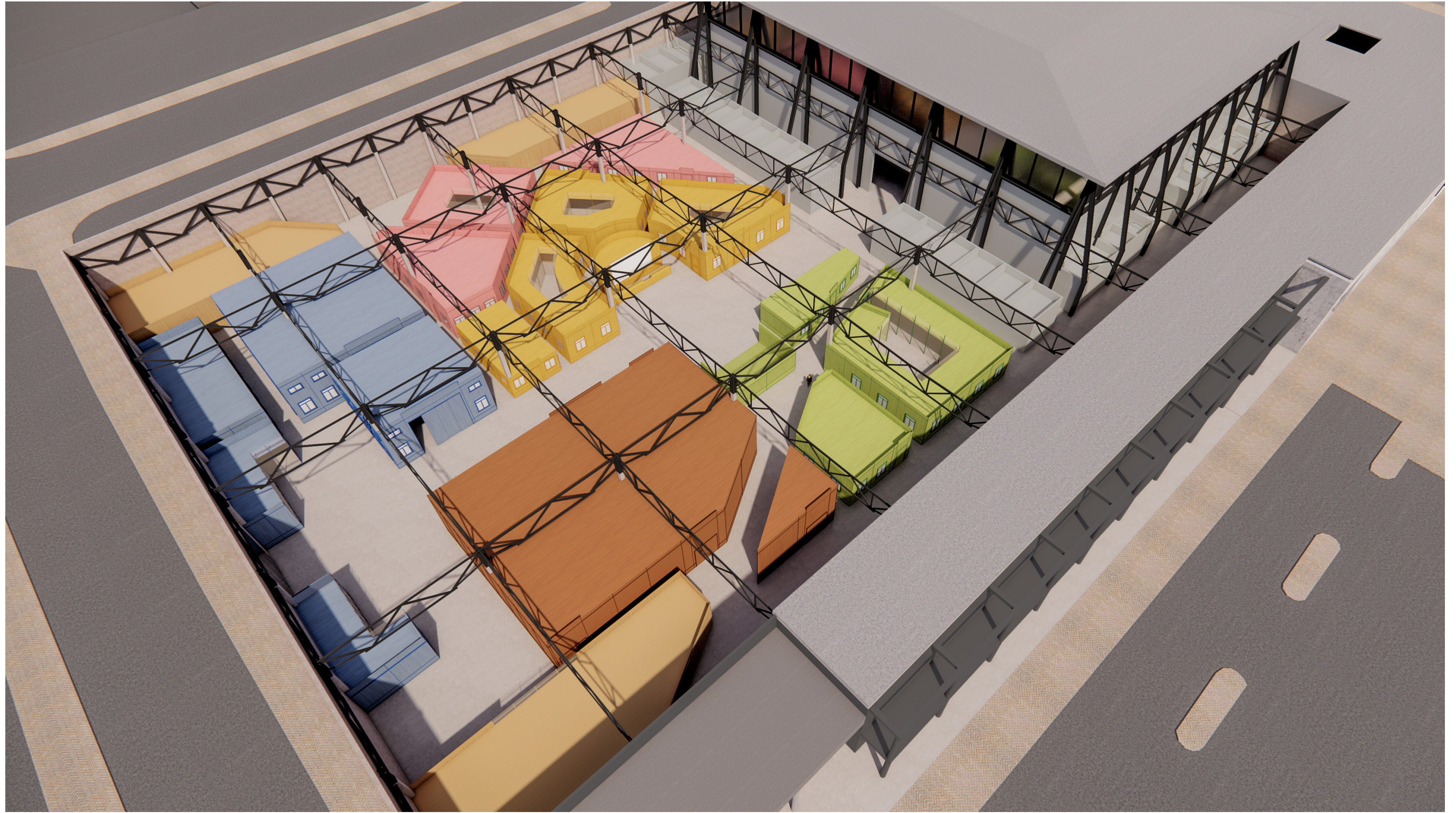




# Village

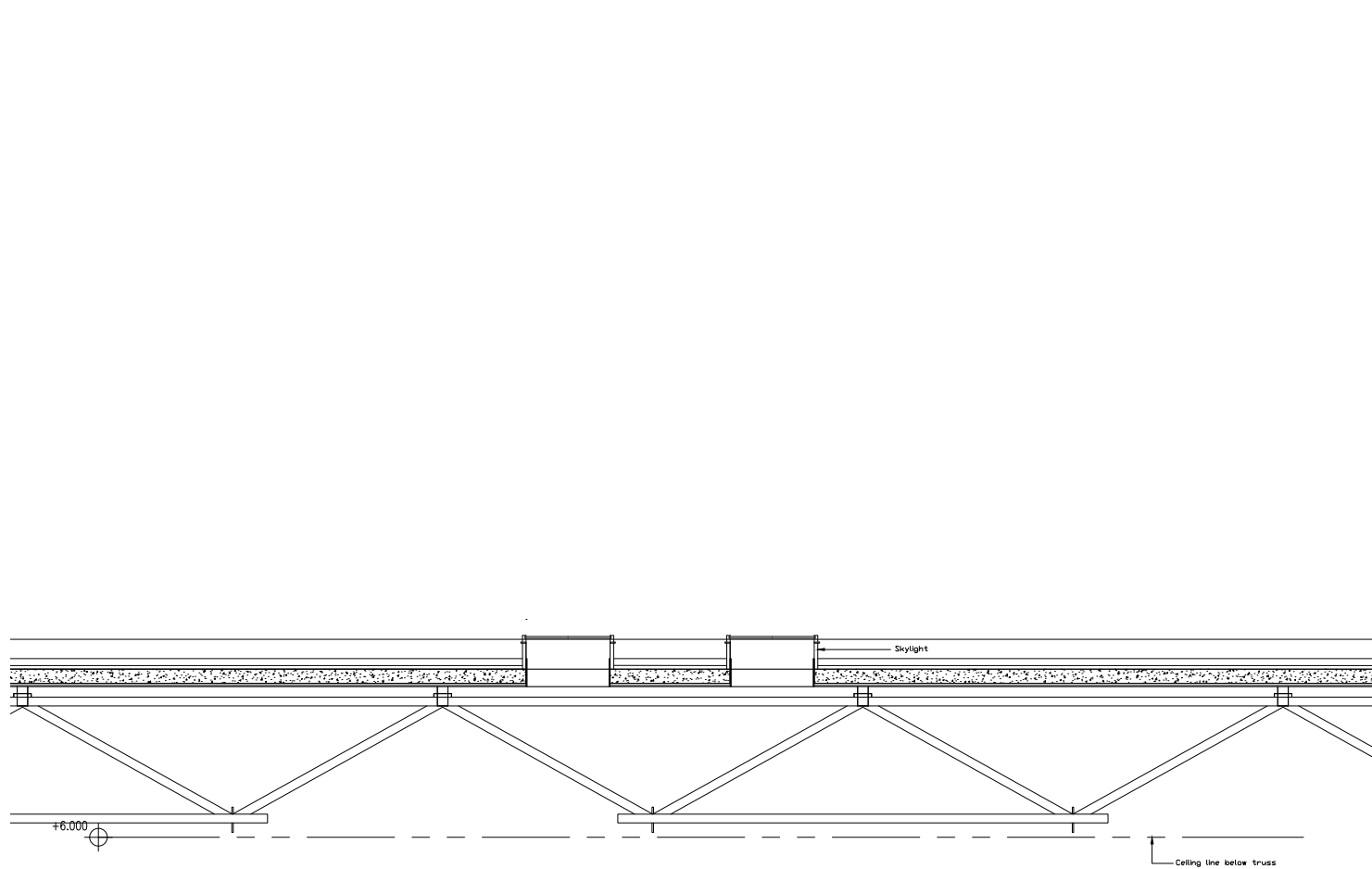




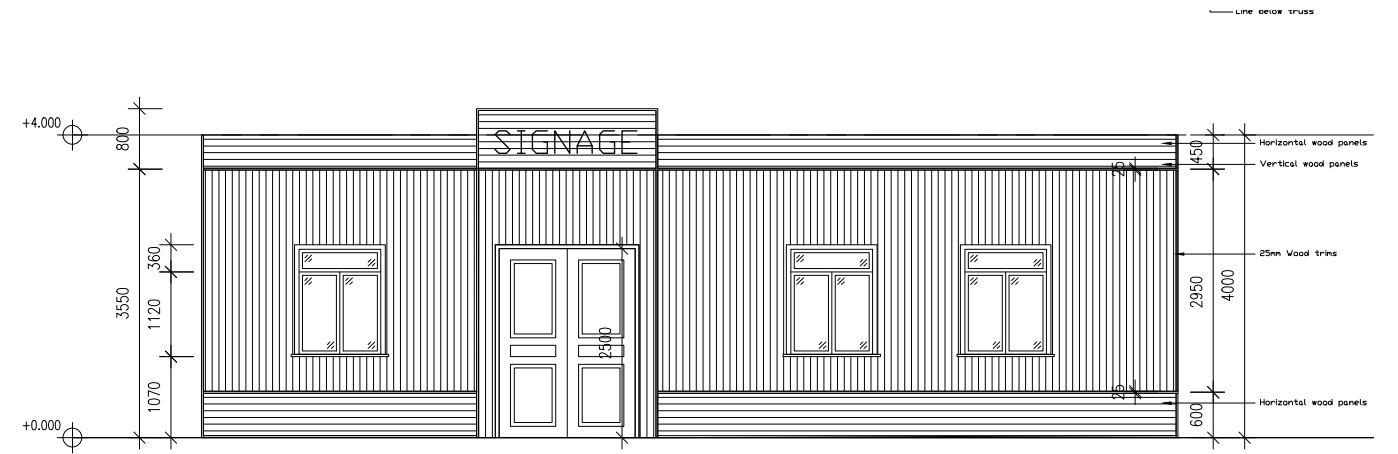
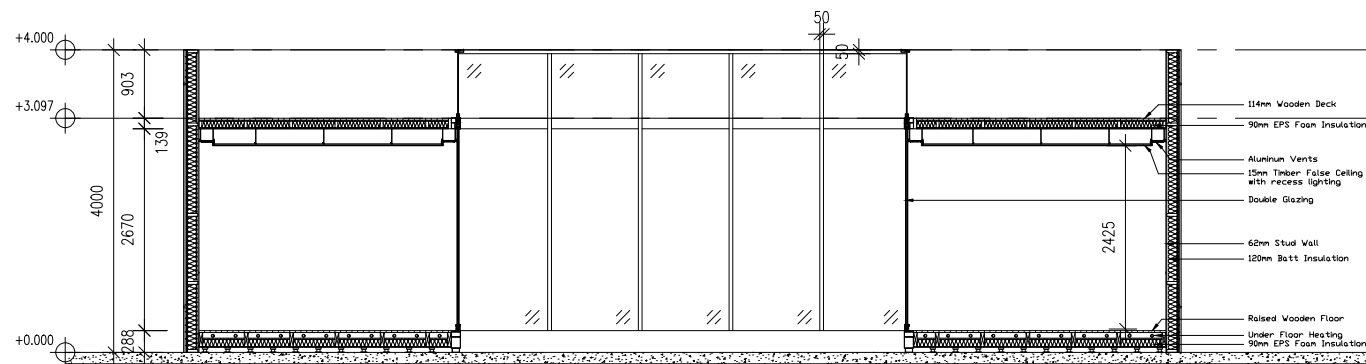


**Village - Aerial View**

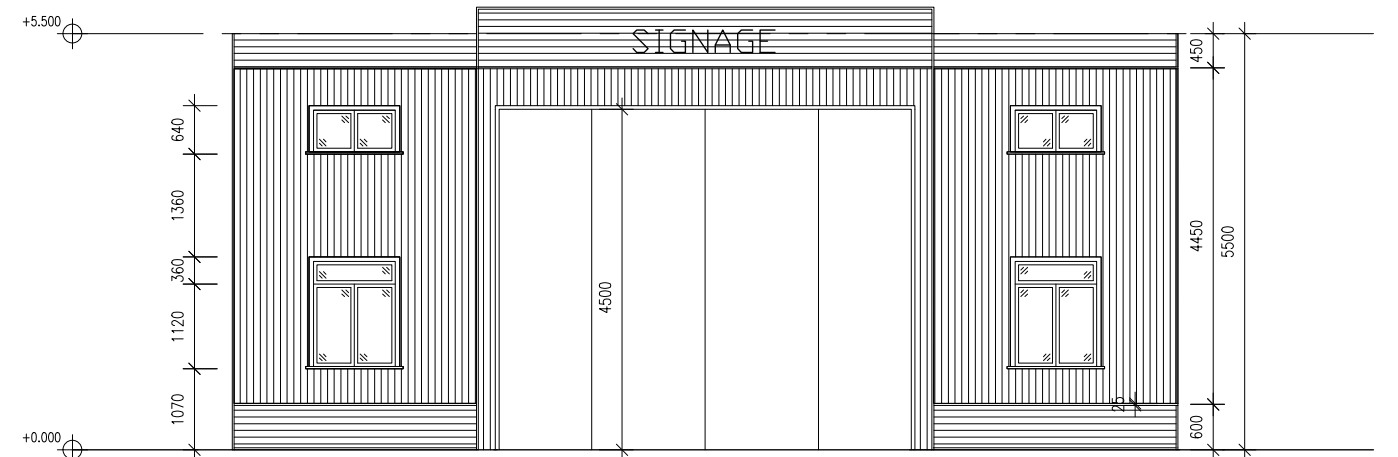




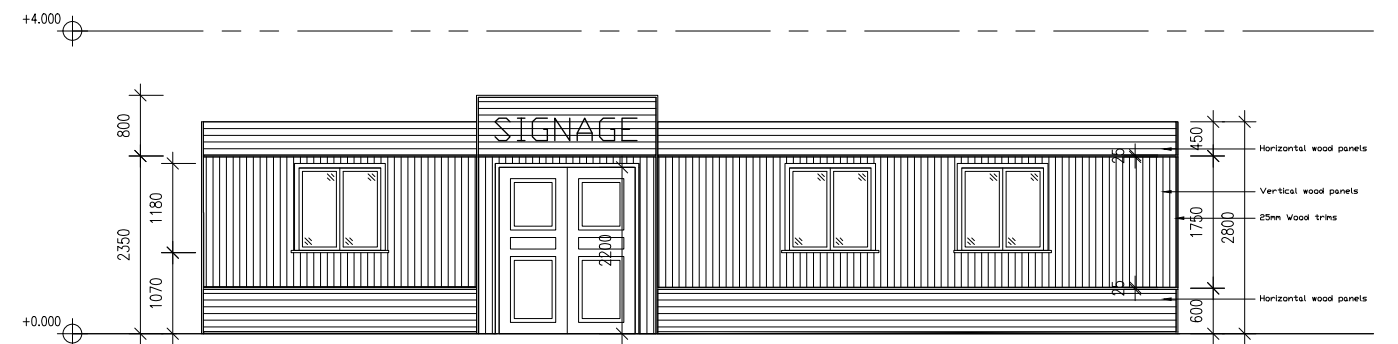
Town\_Terrace Type\_Section  
1:50



Town\_Terrace Type\_Elevation  
1:50

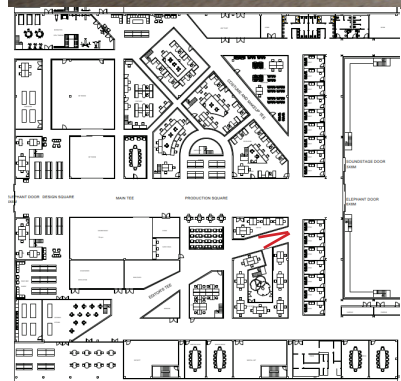


Town\_Workshop/Studio Type\_Elevation  
1:50



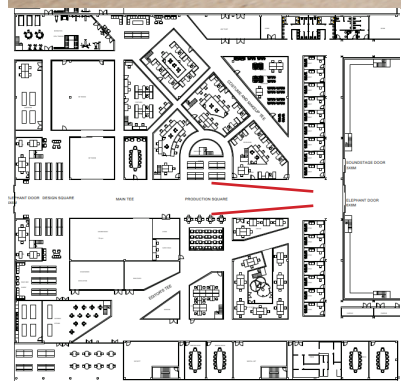
Town\_Flat Roof Type\_Elevation  
1:50





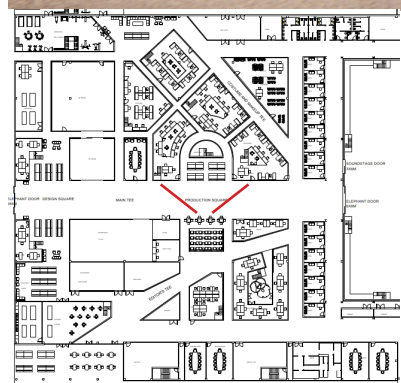
**Post Production Department Exterior View**





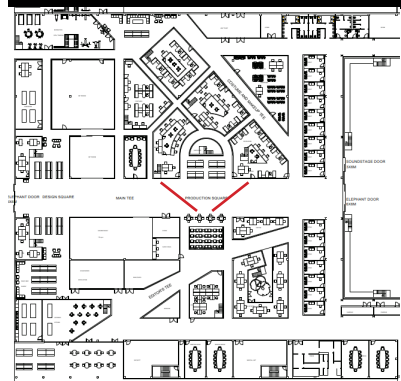
Main Avenue





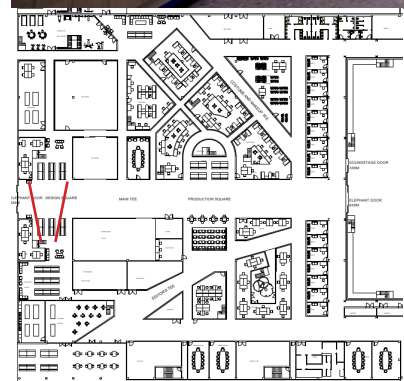
Production Square





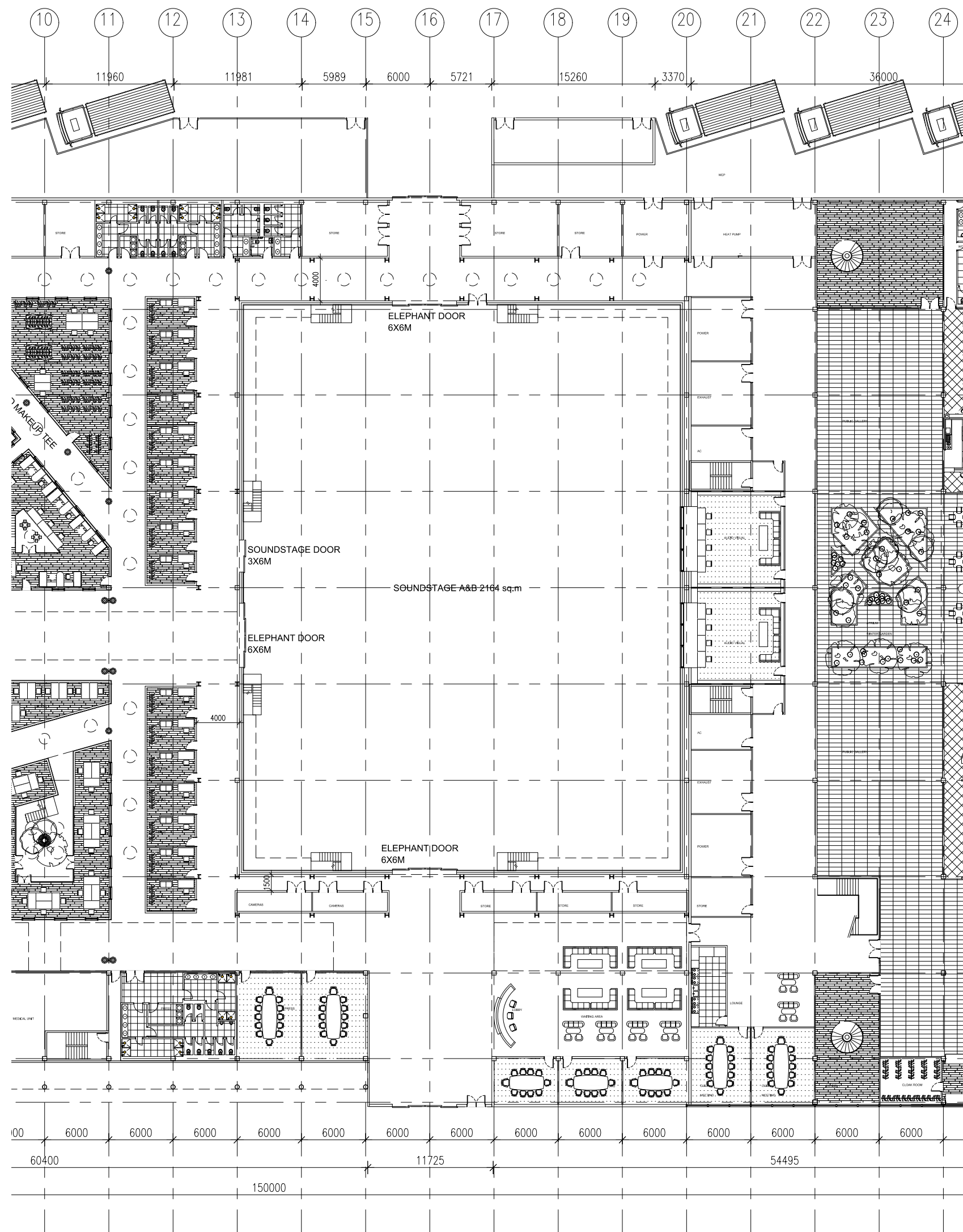
**Production Square - Film Screening**



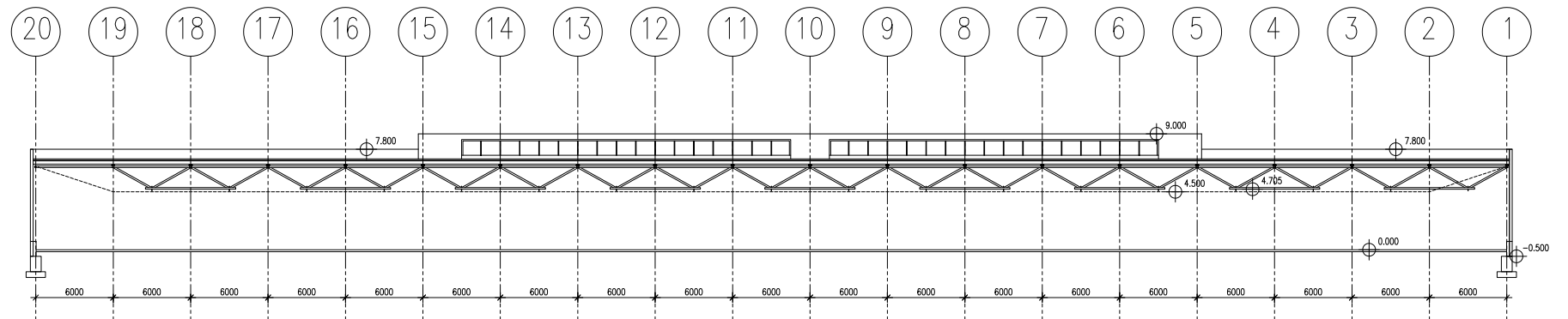
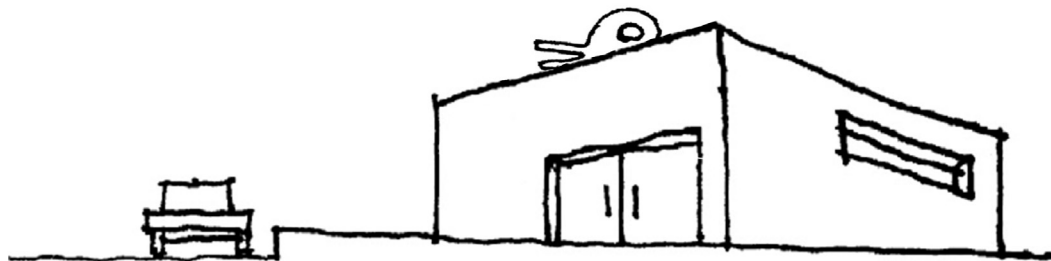
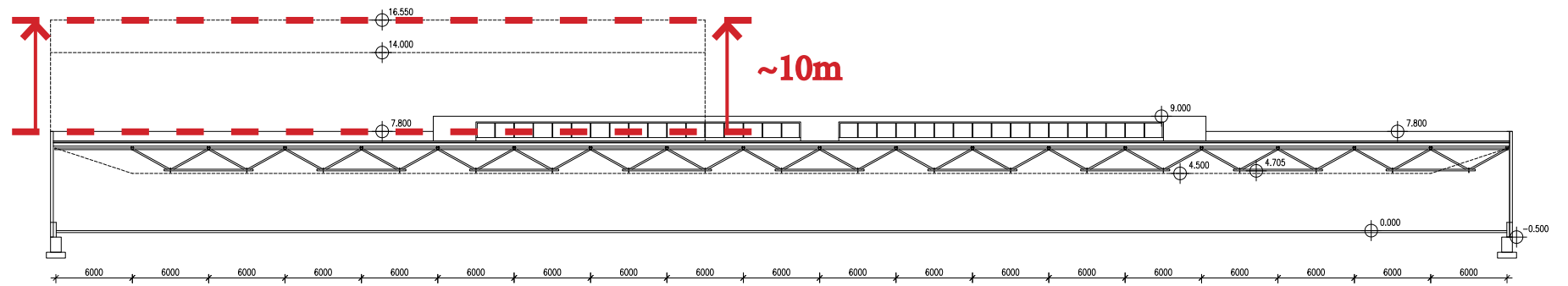
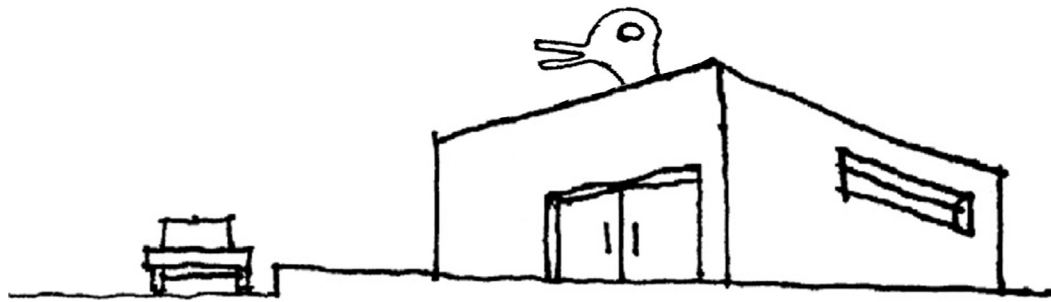
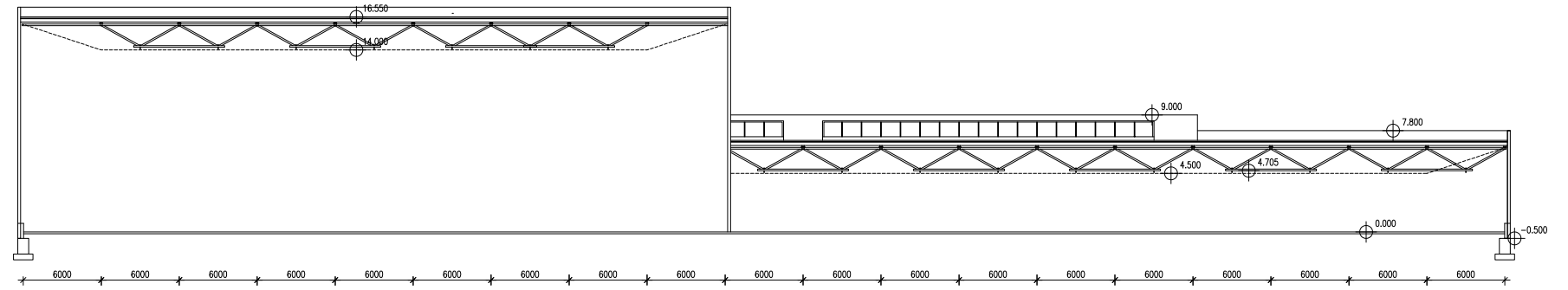
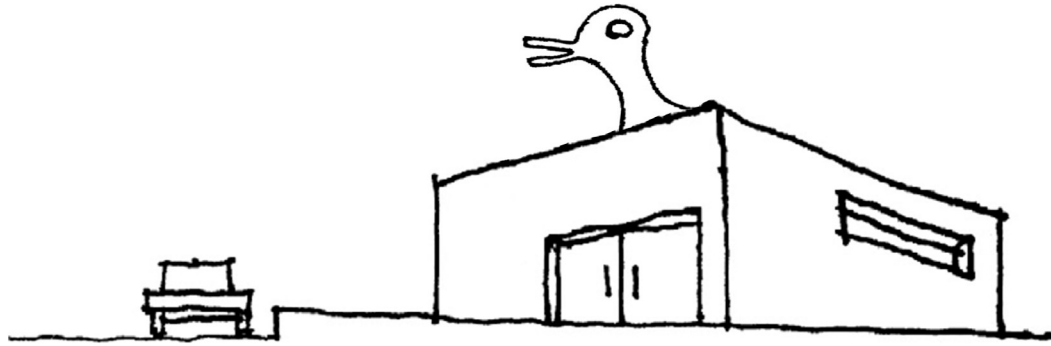




# Castle







**Raised ceiling as design potential**  
**Spectacle making - Duck Shed Hybrid**





Soundstage - with LED screen ceiling and blinds drawn





Soundstage - withouur LED ceiling and blinds opened



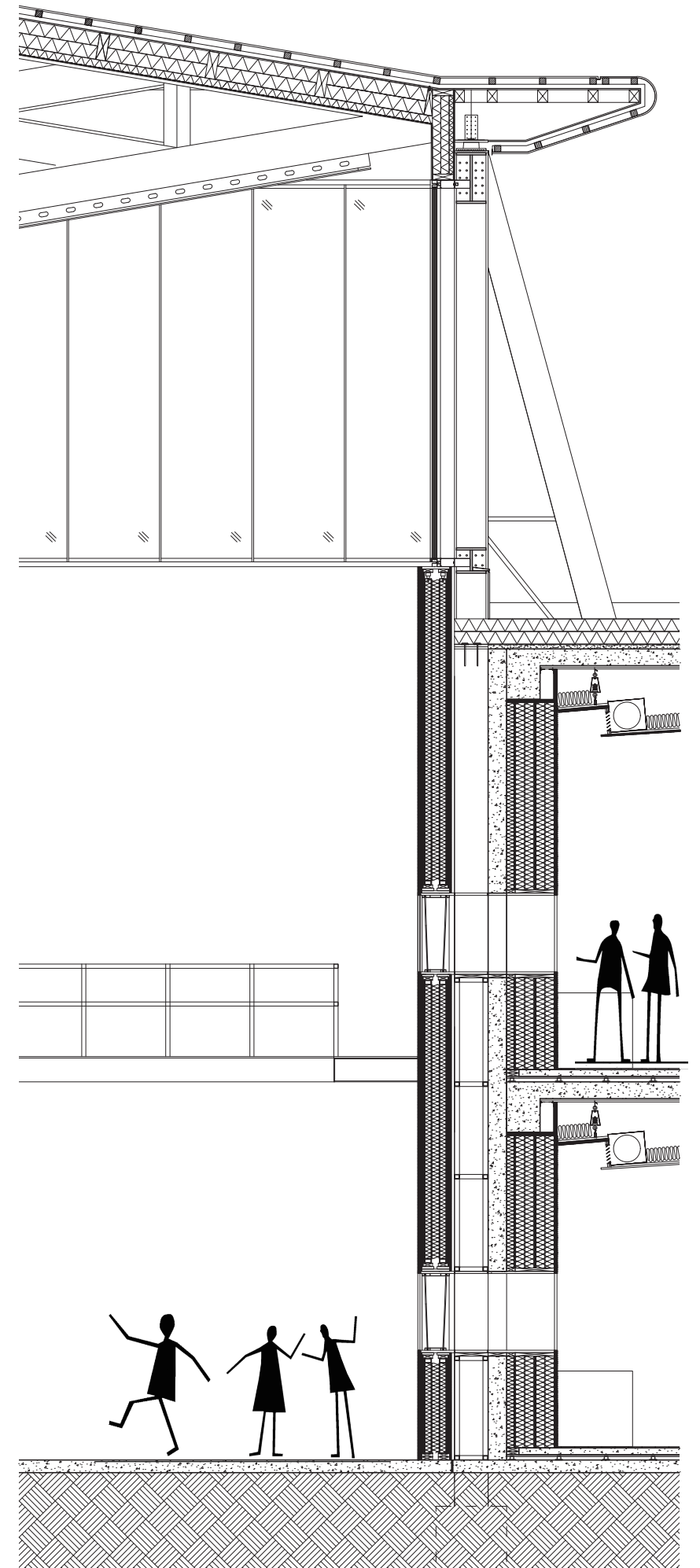
Light Oak BauBuche  
Truss

Triple Glazed Glass  
with Silicone Joints

Dark Grey Aluminum  
Window Frames

Stone Grey Fabric  
Wrapped Acoustic  
Wall Panels

Grey Fabric Wrapped  
Acoustic Panels on  
Elephant Doors



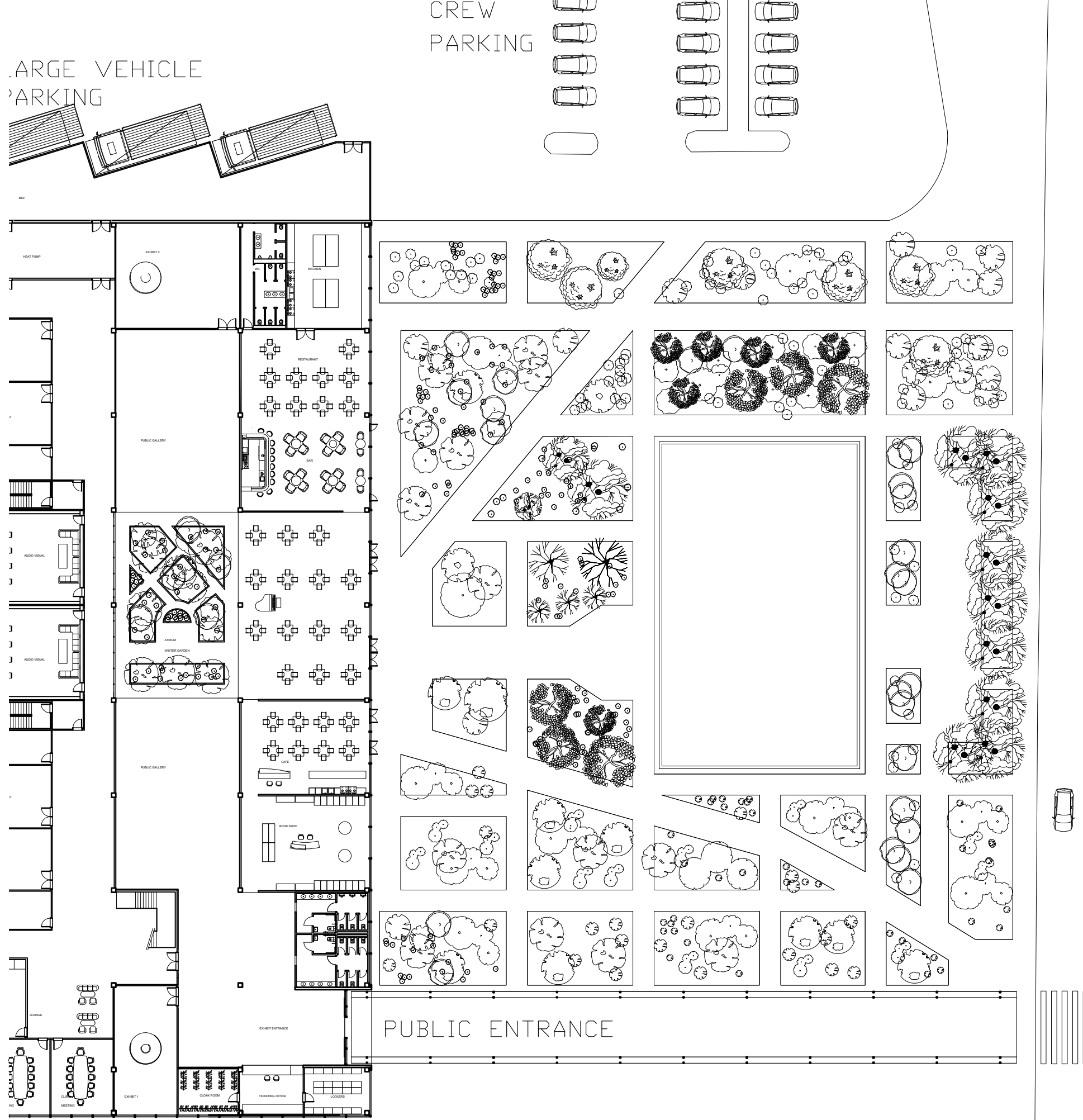




South Facade - Drive in cinema



# Garden







**Garden Entrance from Mustakivi**









Offices Facing Atrium on 1/F





Offices facing Atrium on 1/F



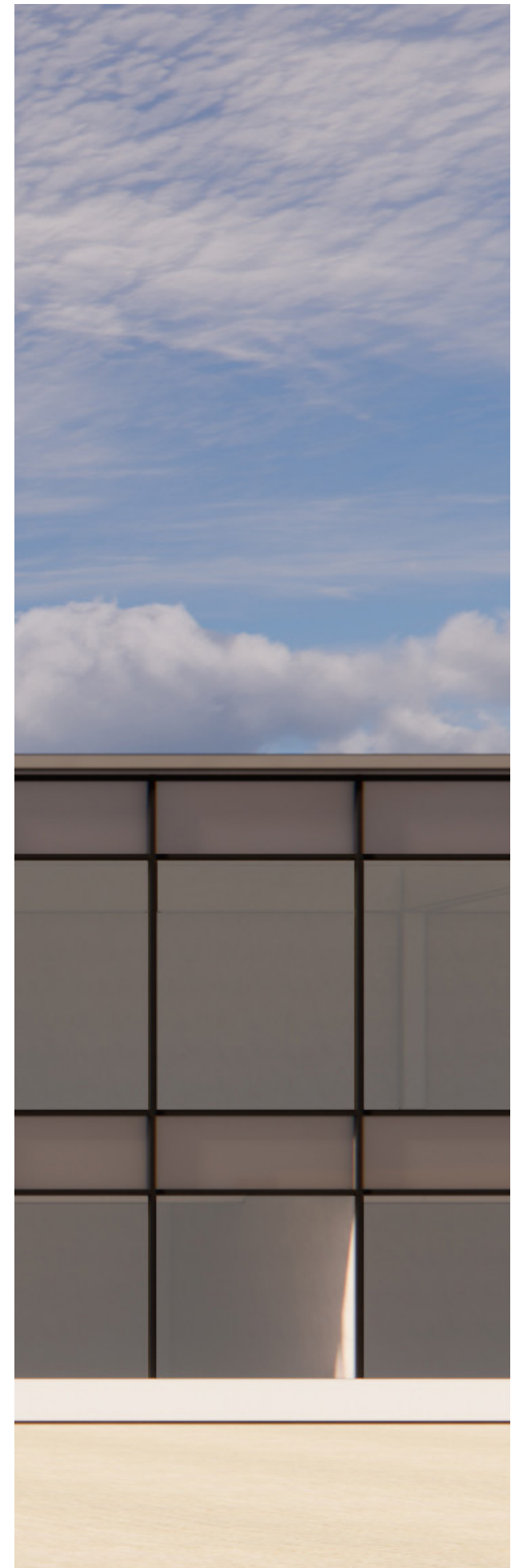
# Facade



Existing Steel Frame



"Stone" Concrete Entrance

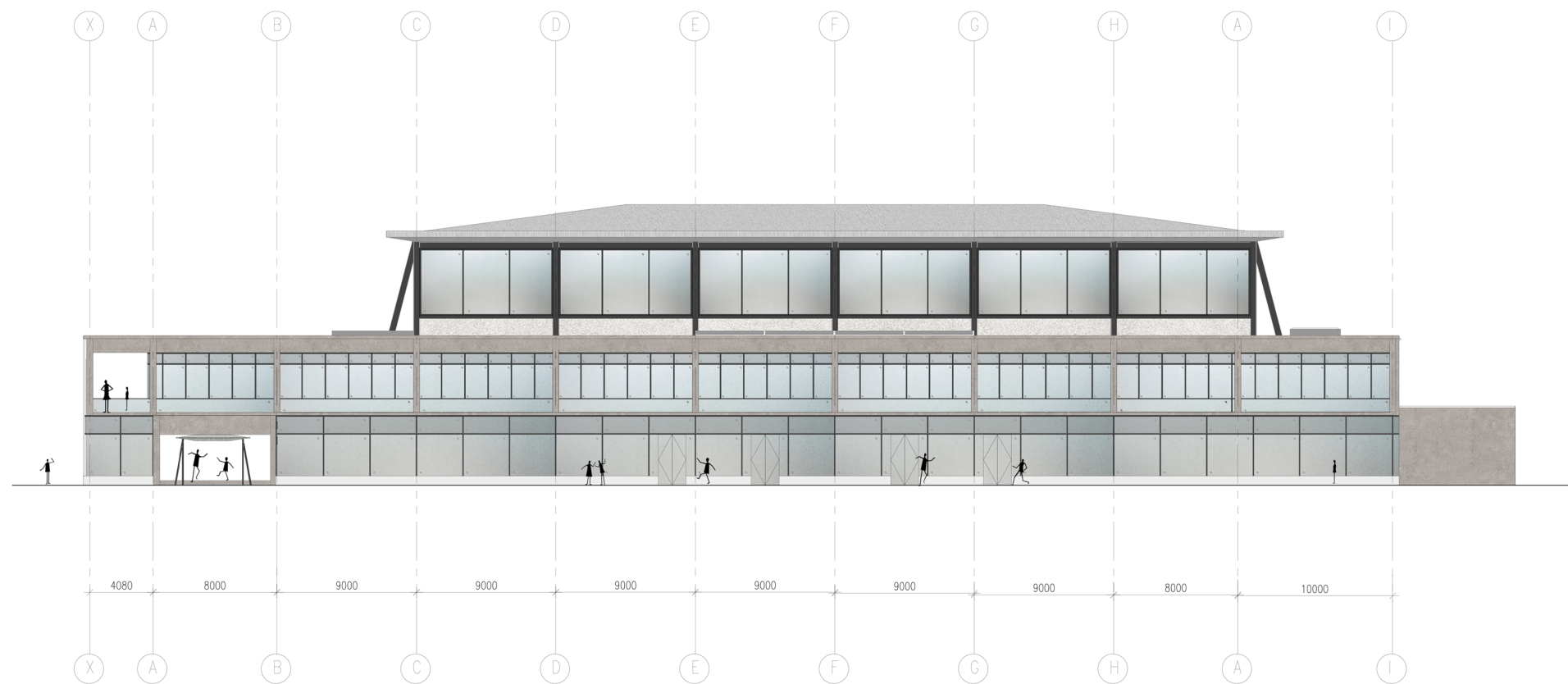


Glass Curtain Wall





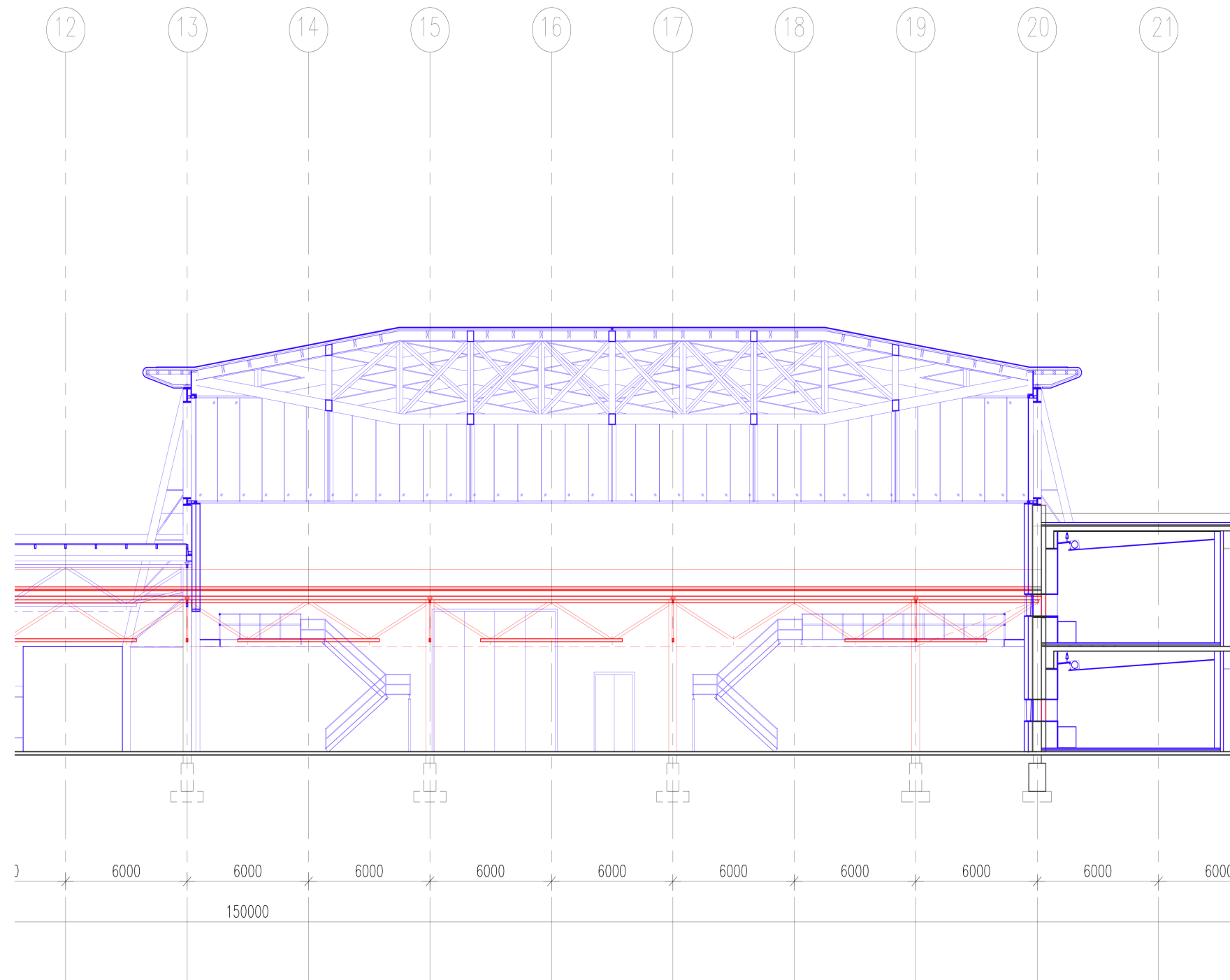
1:200 A1  
South Elevation



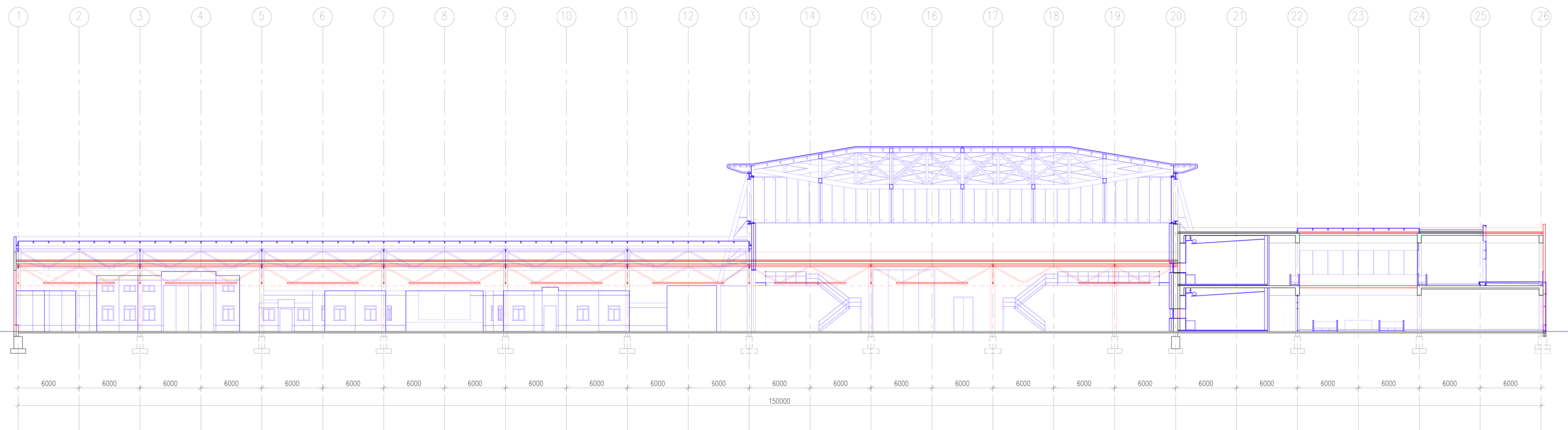
1:200 A1  
East Elevation



# Structure



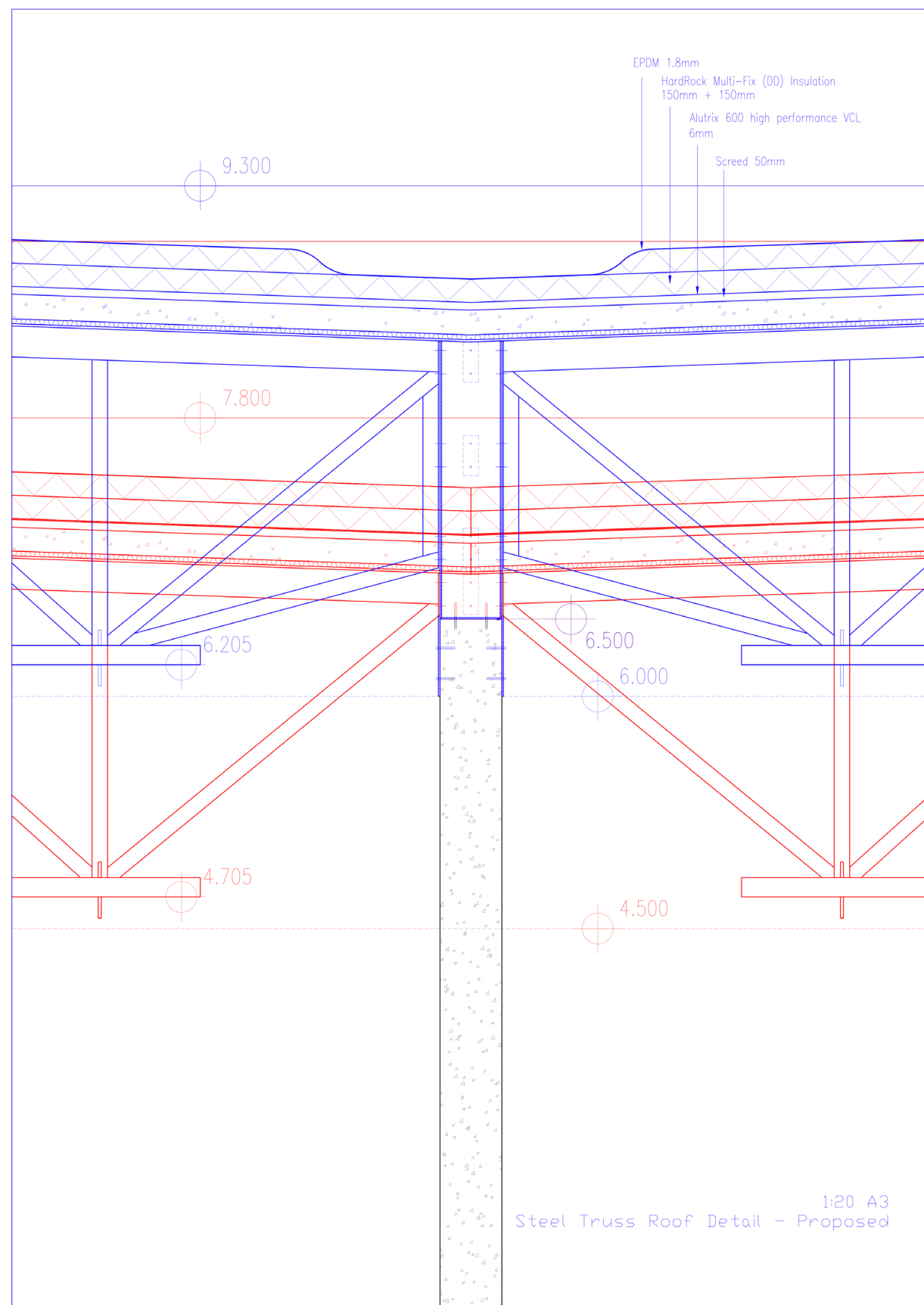




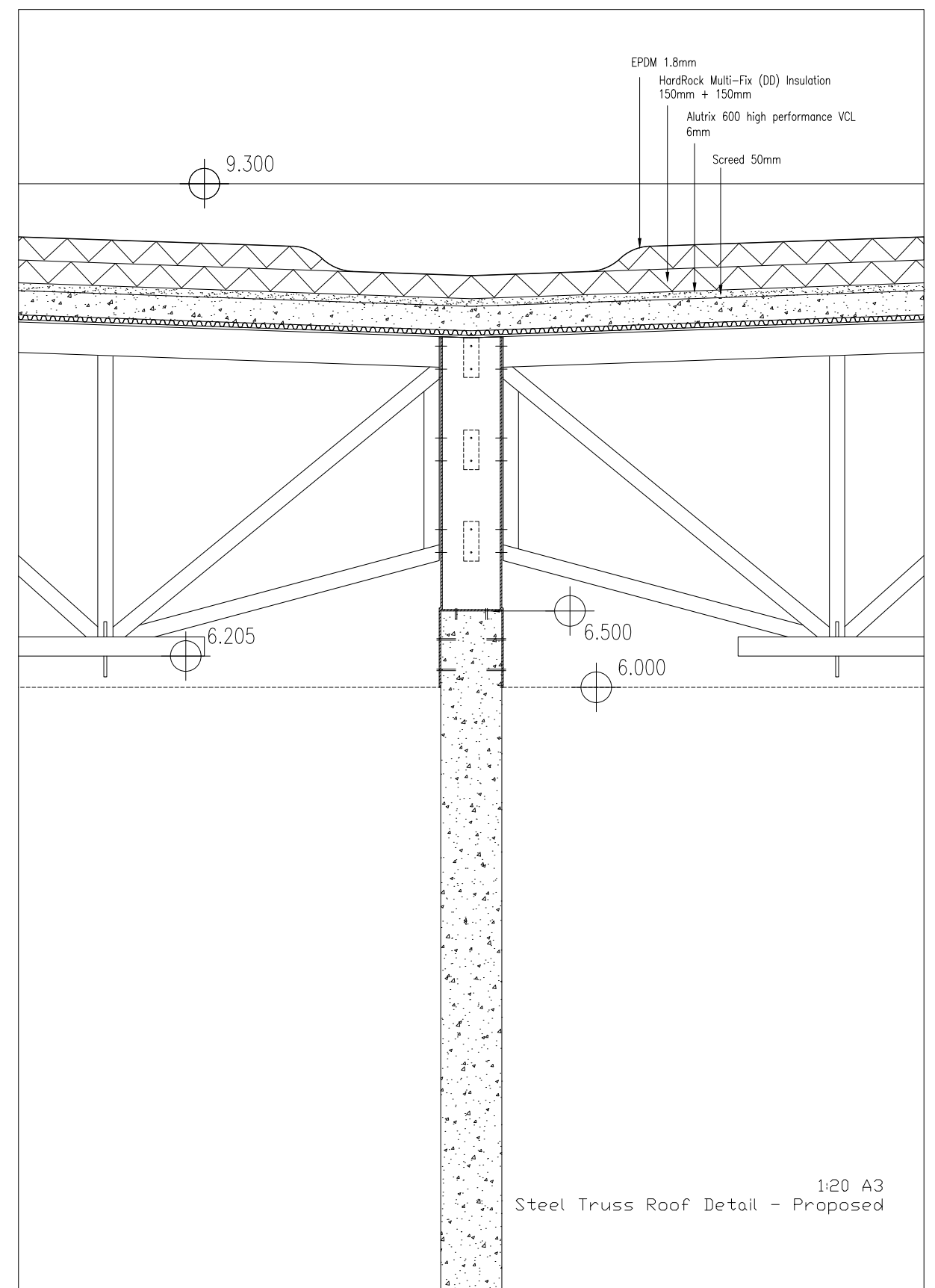
**Red: Existing    Blue: Proposed**

**Demolition and Addition Section**



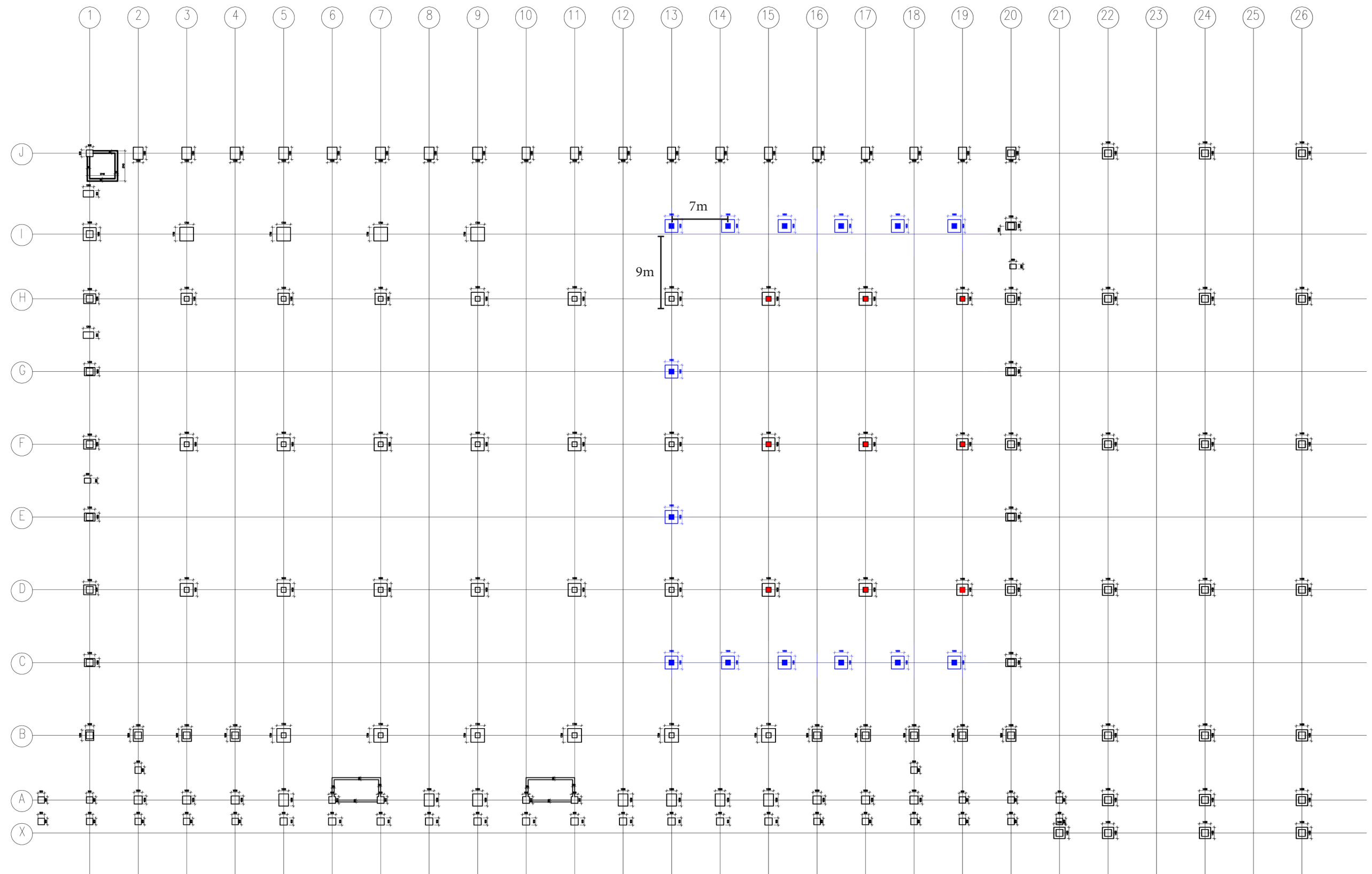


**Red: Existing    Blue: Proposed**



**Proposed raised roof connection 1:20**



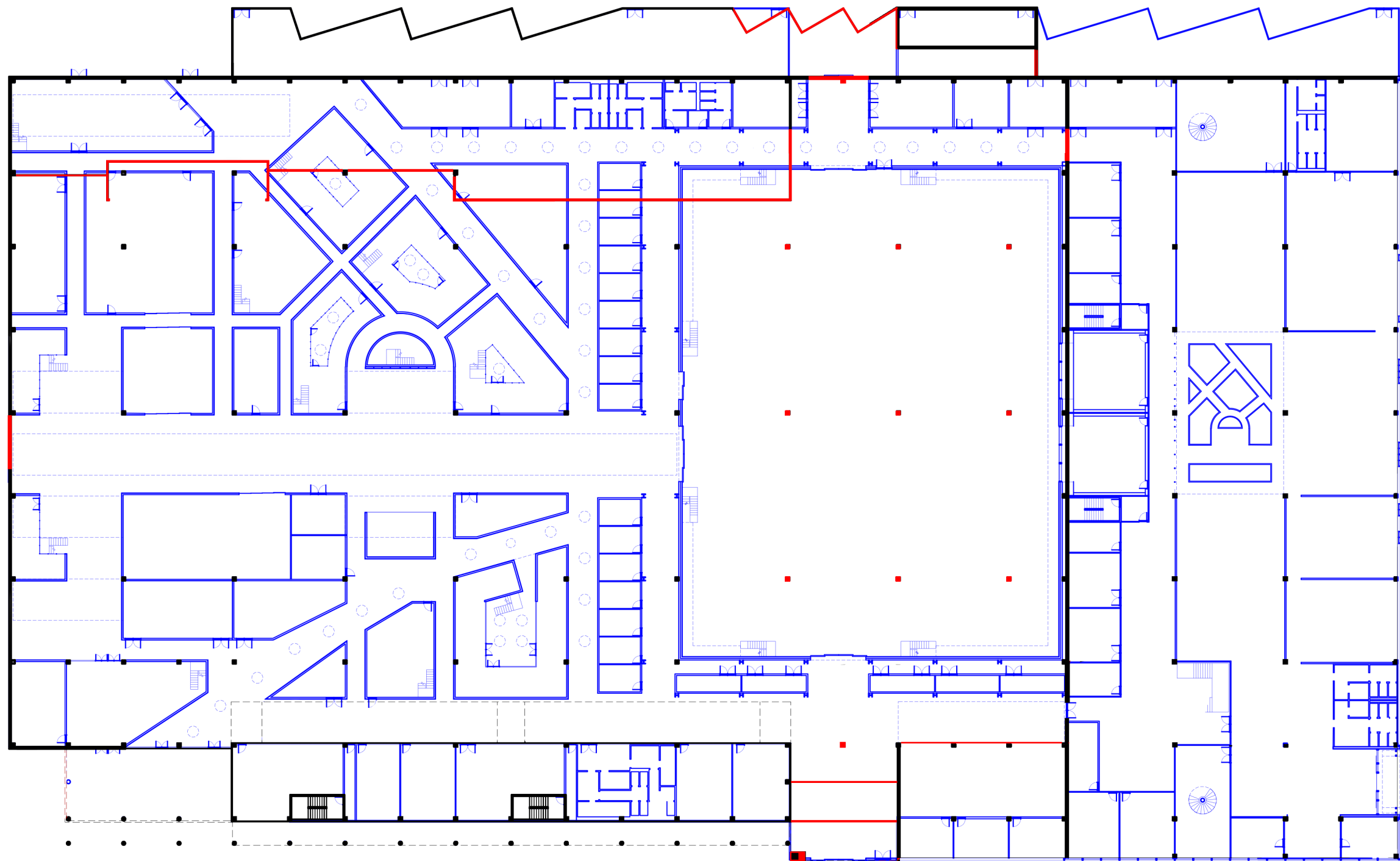


9x7m Grid for Soundstage

Reuse 10 Foundations    Demolish 9 Columns    New 14 Foundations

Demolition and Addition Plan - Framing Plan

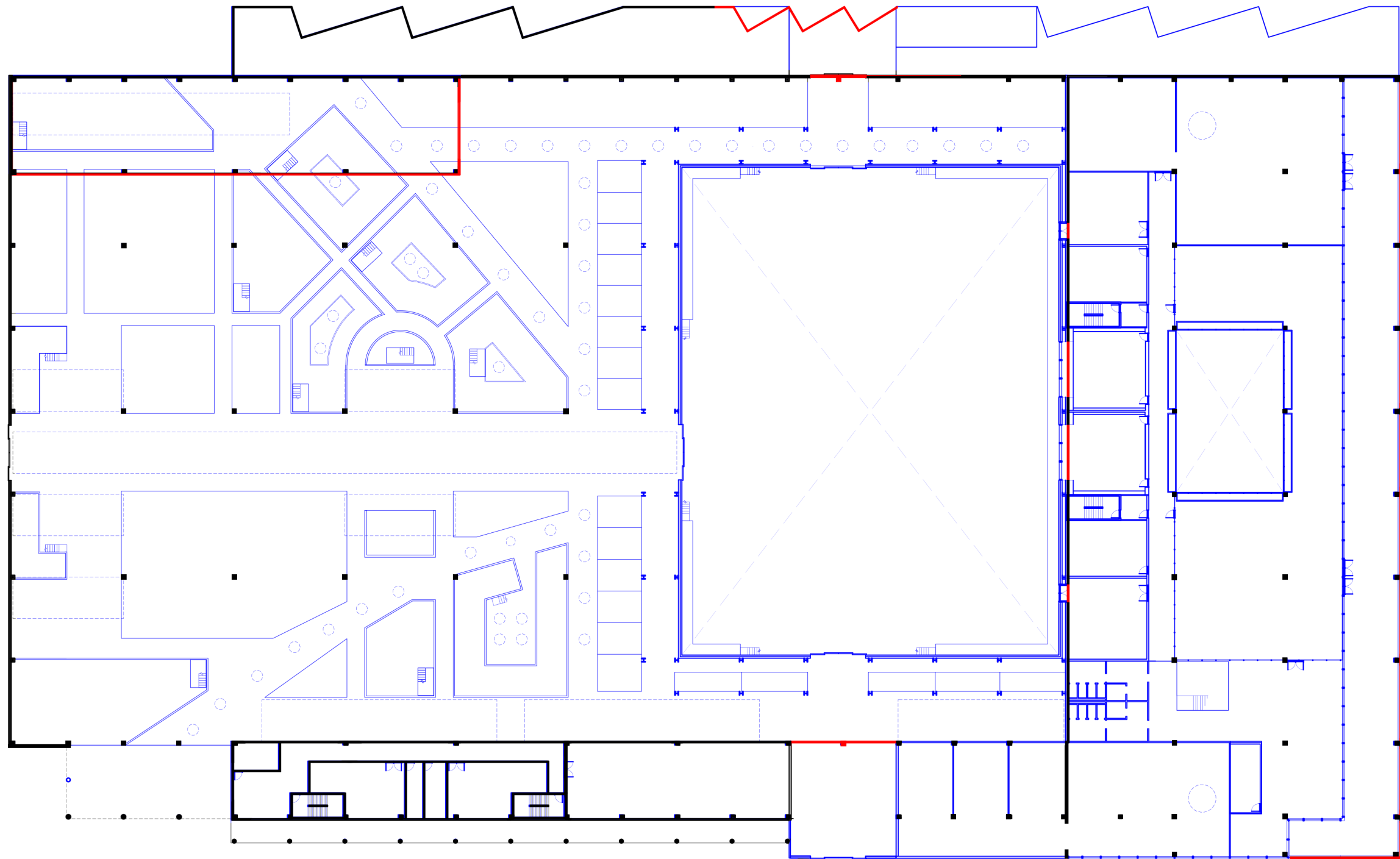




Demolition Addition

Demolition and Addition Plan - GF





Demolition Addition

## Demolition and Addition Plan - 1F



# BauBuche



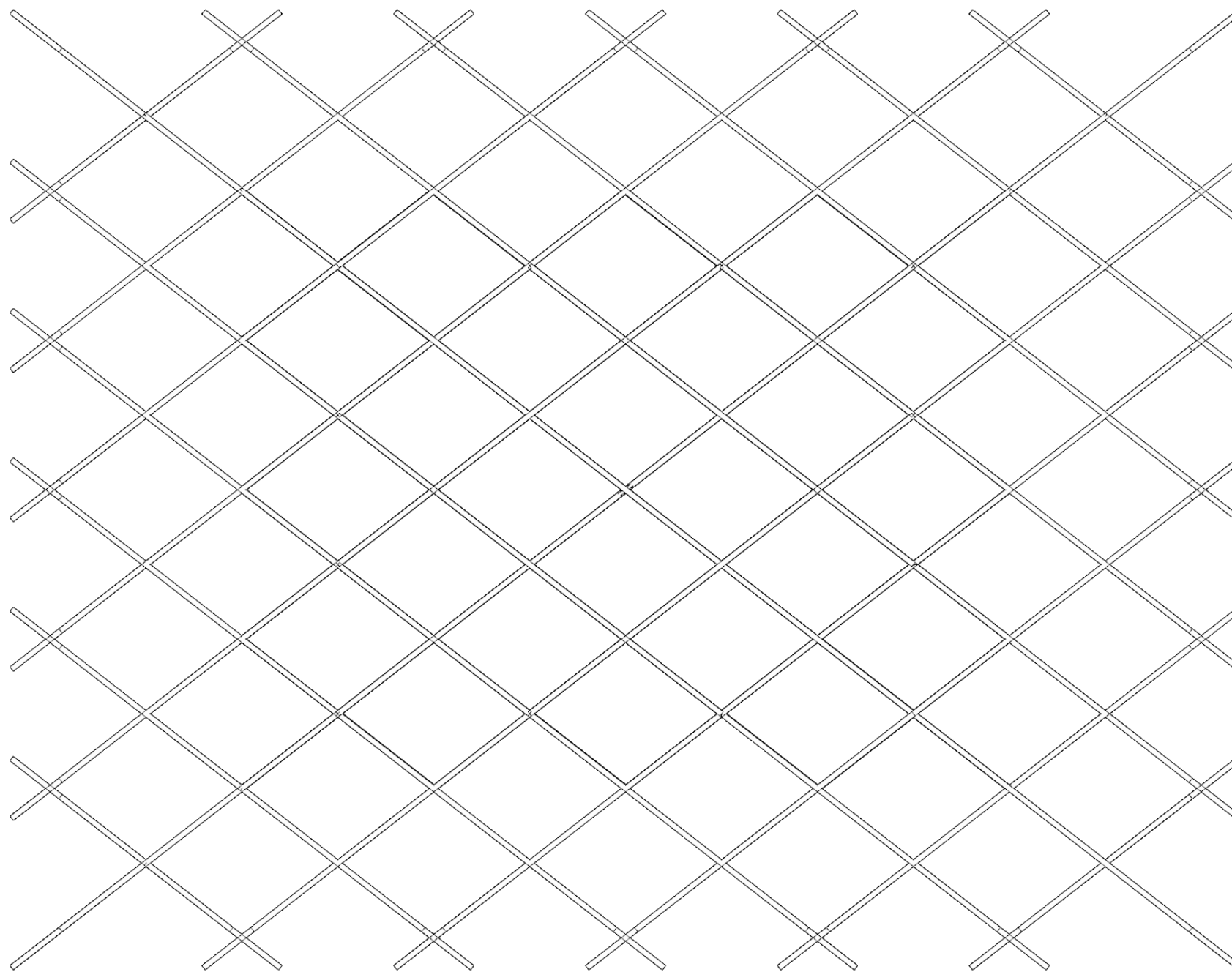
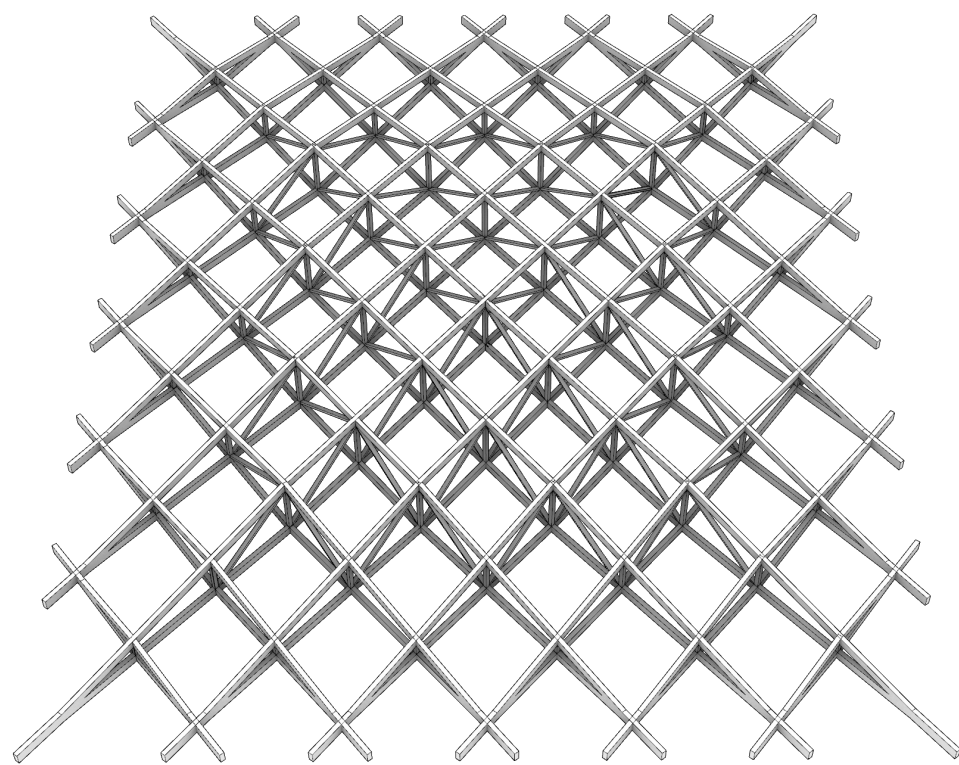
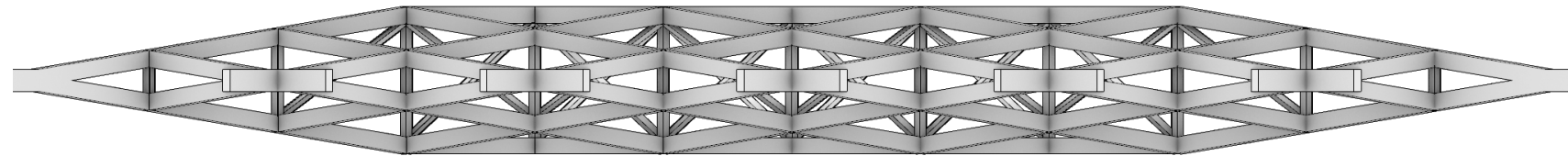
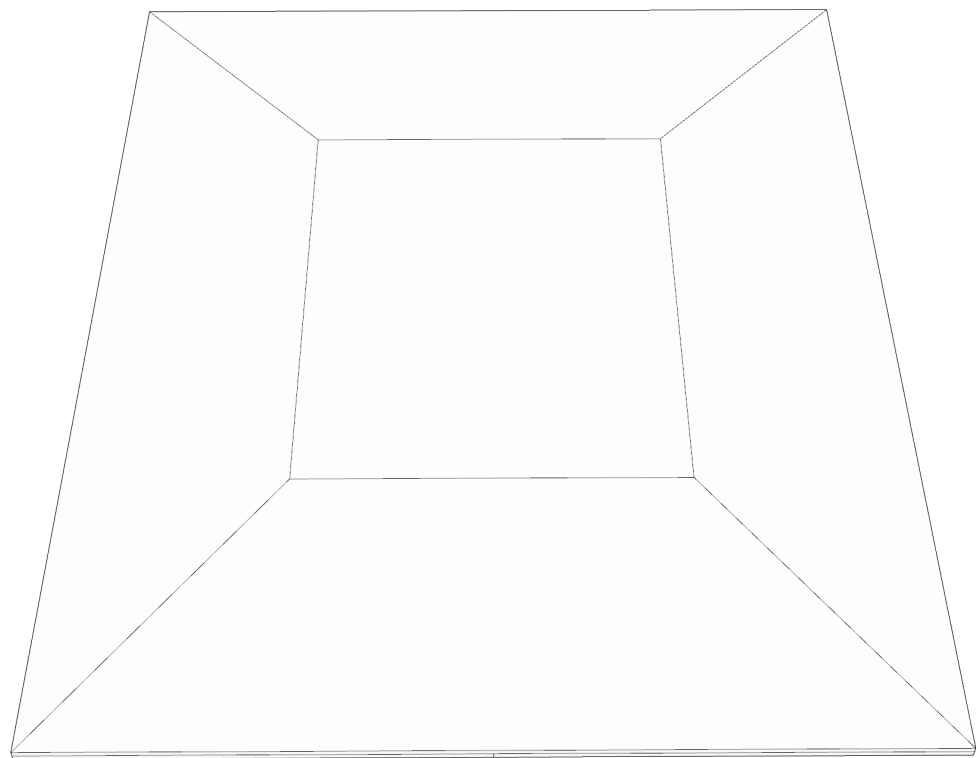
**The green alternative to reinforced concrete posts and beams.**

**Outstanding CO2 storage!**

BauBuche stores 1.171 kg CO2 per cubic meter.

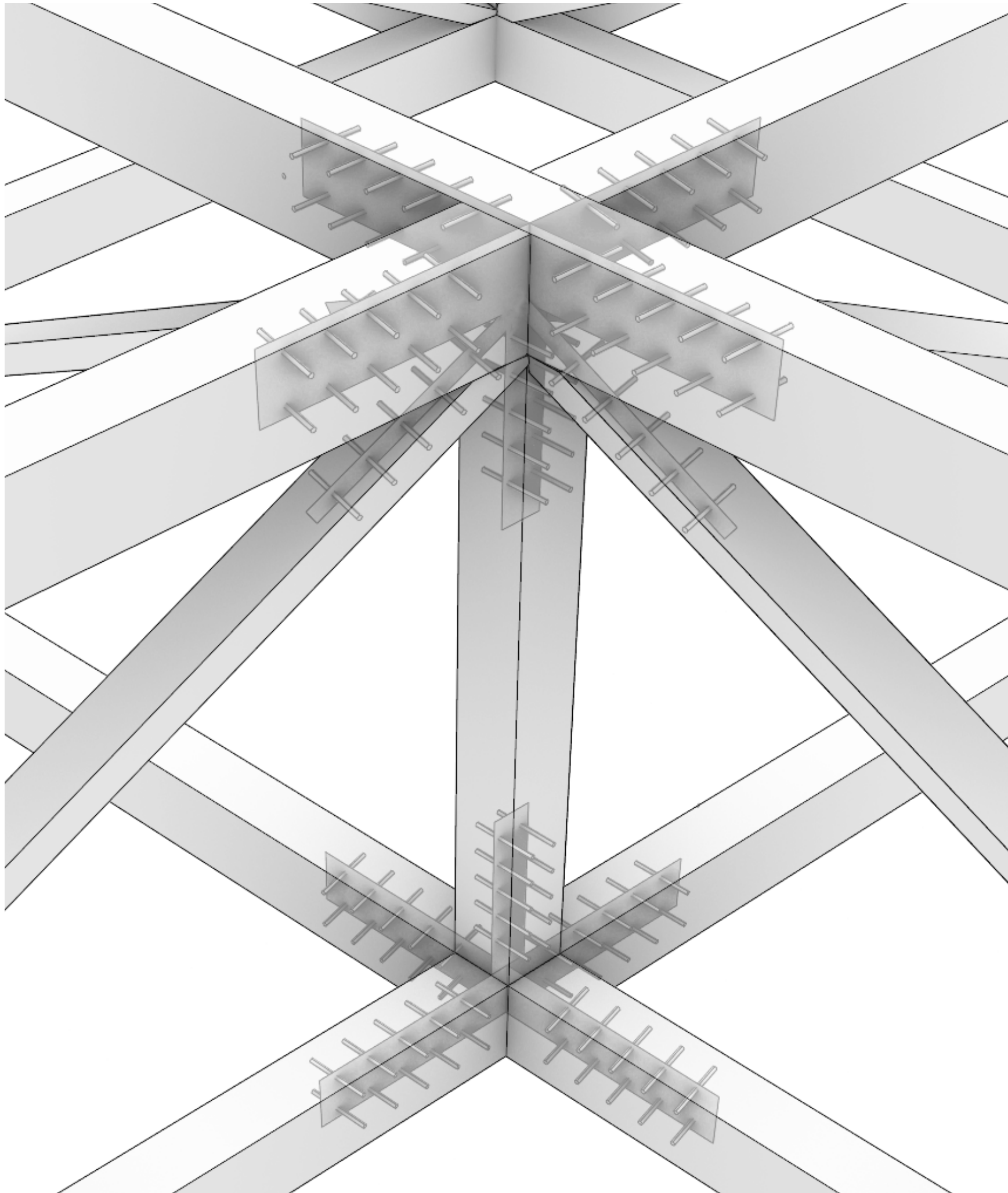
**Material Choice for truss roof**





**Waffle Roof Frame**





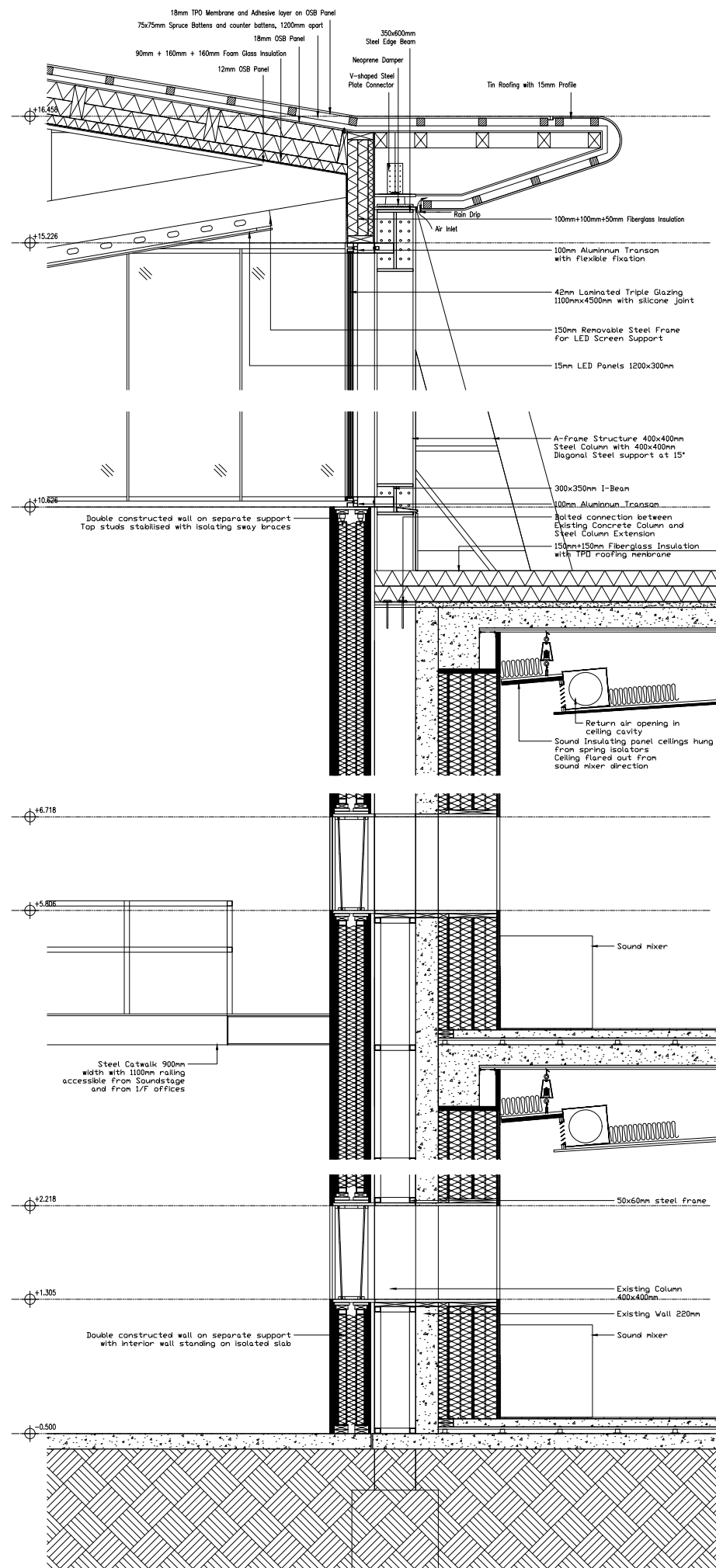
BauBuche truss with BSB connections, i+R Holzbau

### 8.3 Rules of construction

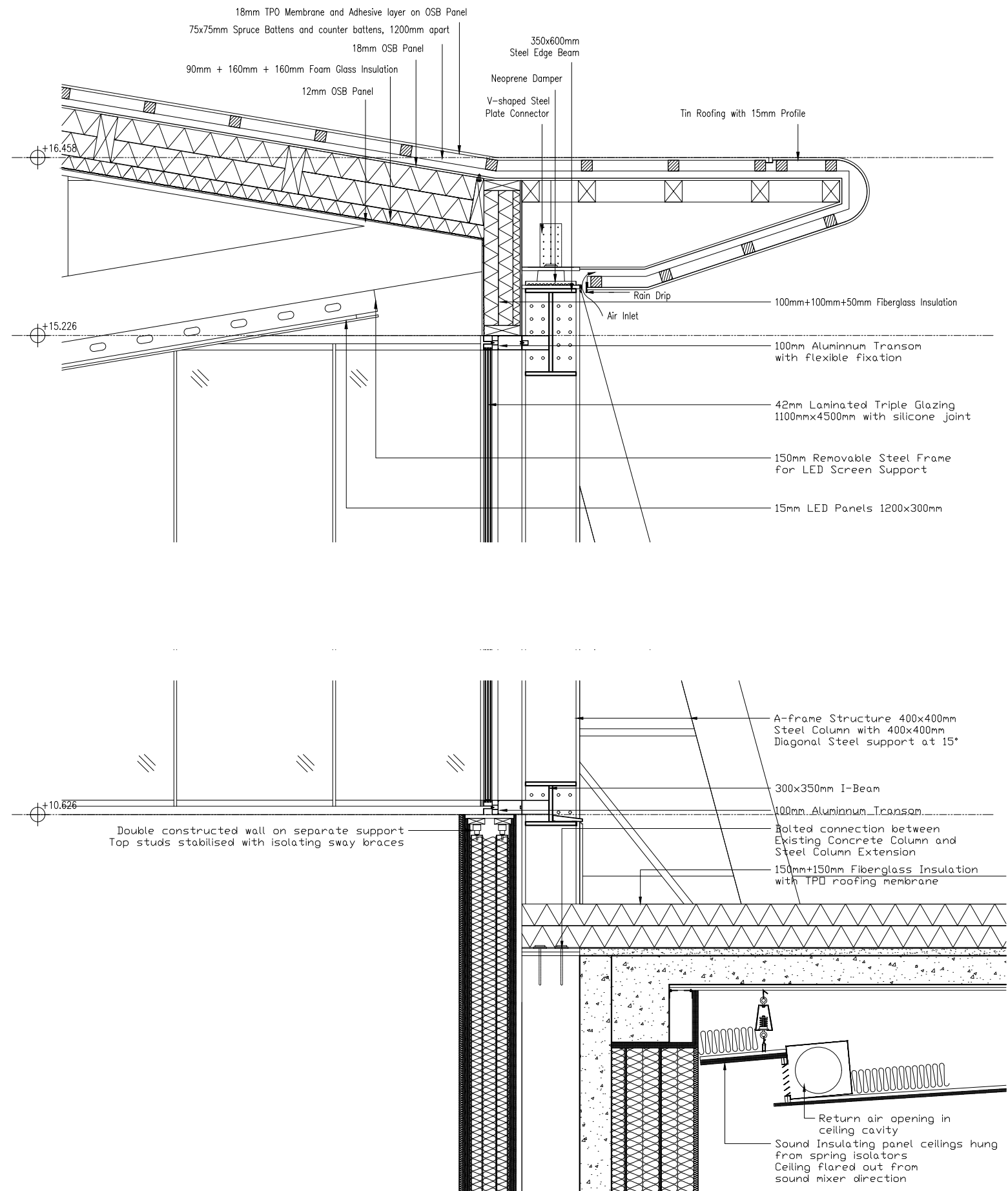
For reasons of production, the length of the individual elements is limited to 18 m. For longer spans, several chords must be combined and connected with suitable fixtures. A number of recommended connection

**Waffle Roof Frame Connection**

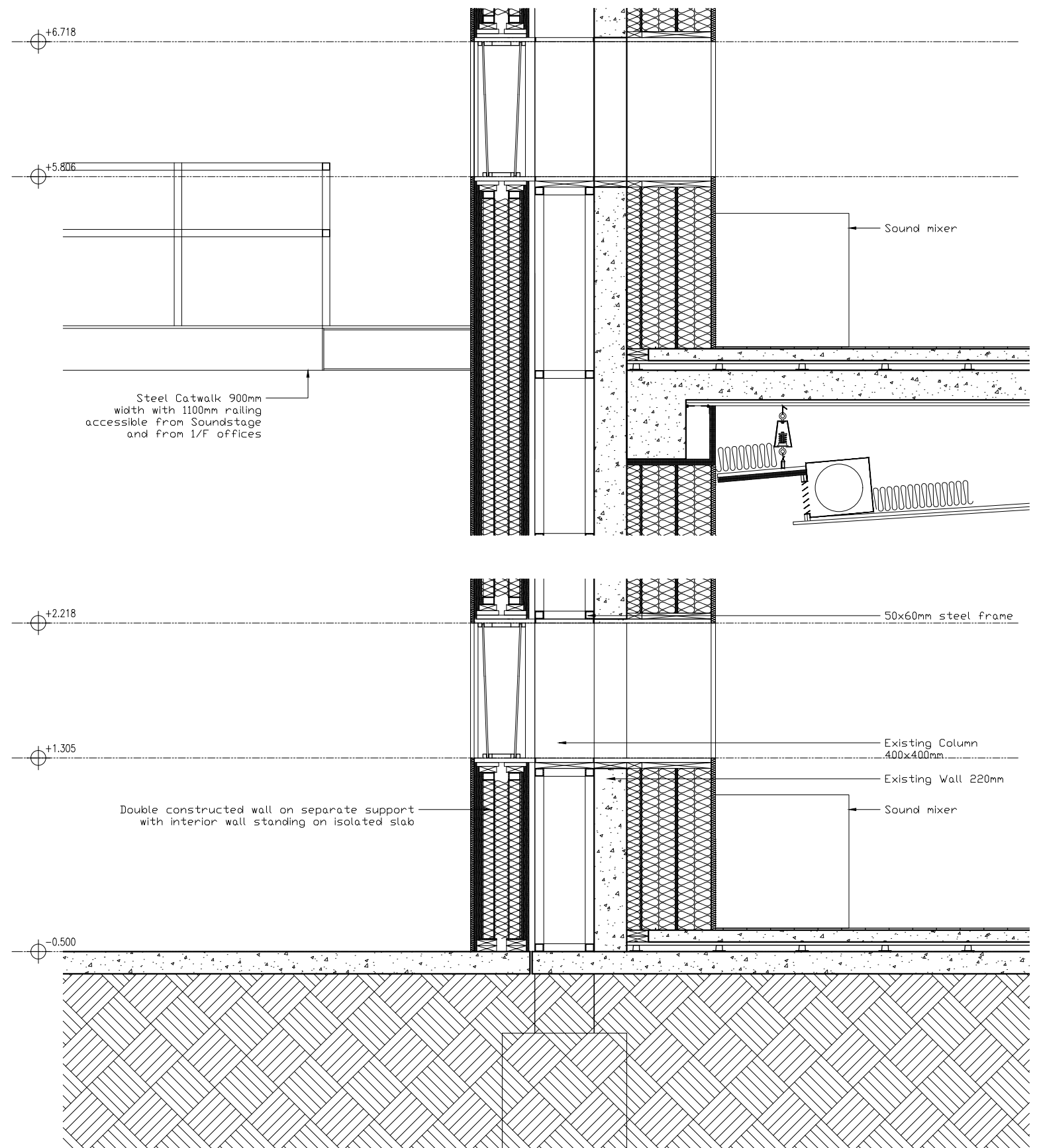




1:20 A1  
Soundstage Wall Section

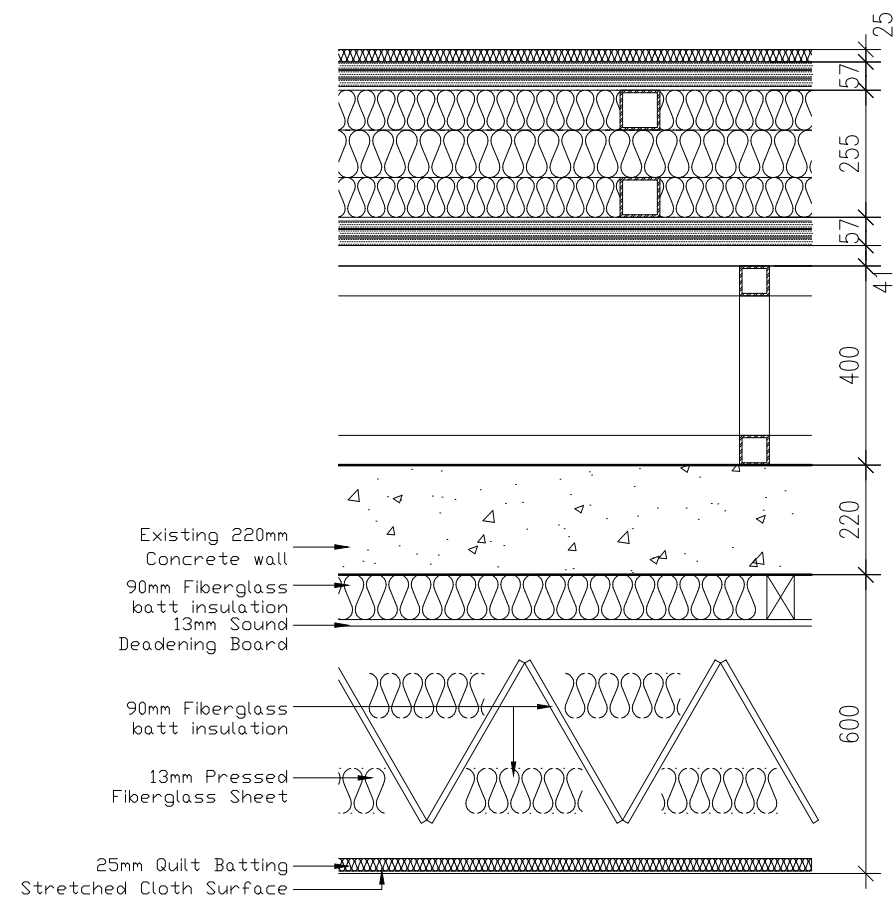




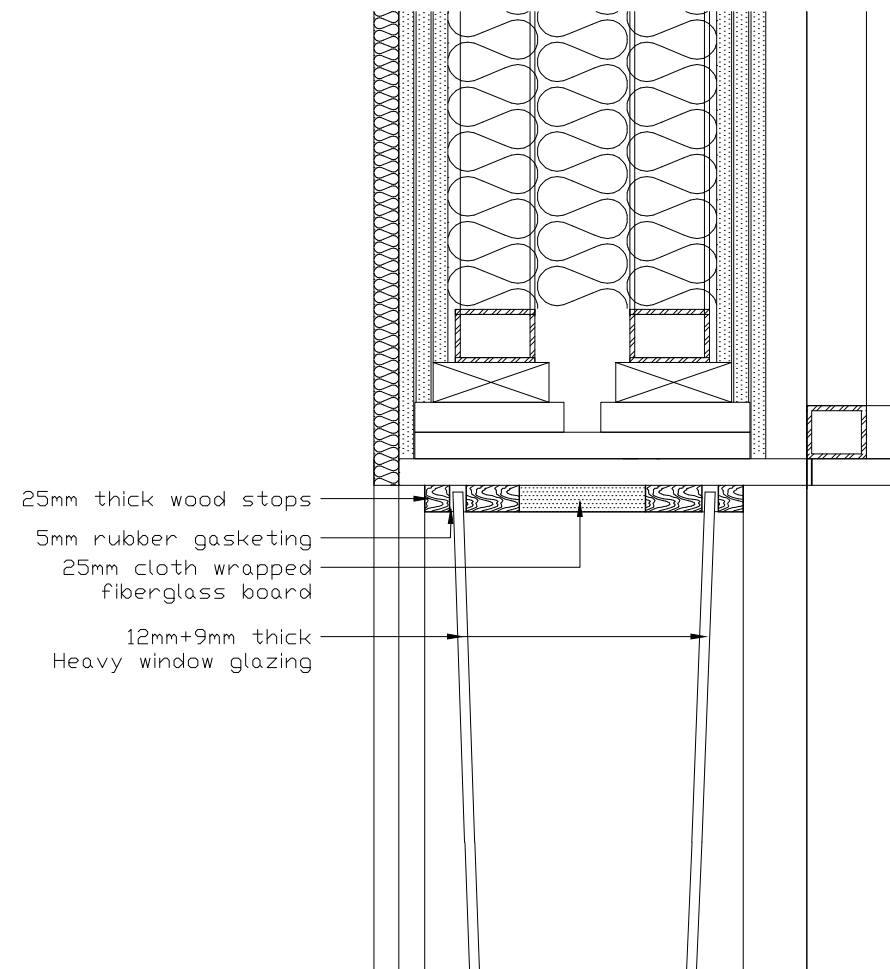


1:20 A1  
Soundstage Wall Section

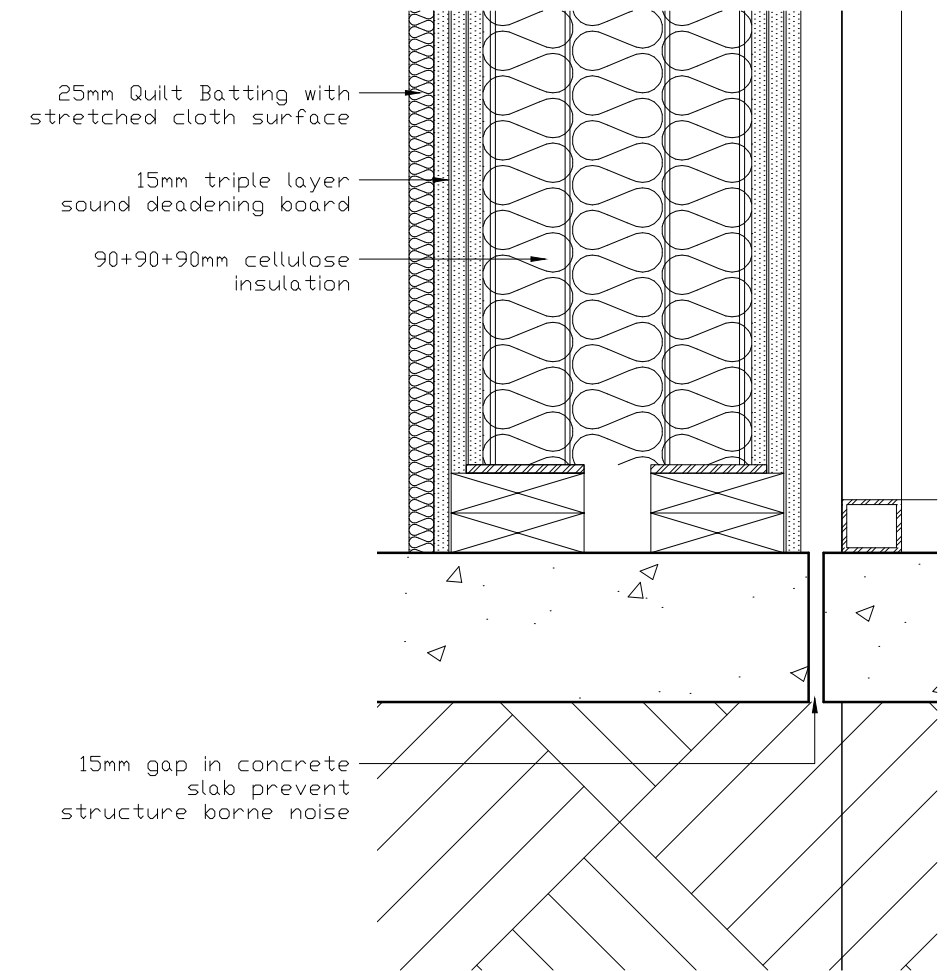




1:10 A1  
Wall Detail

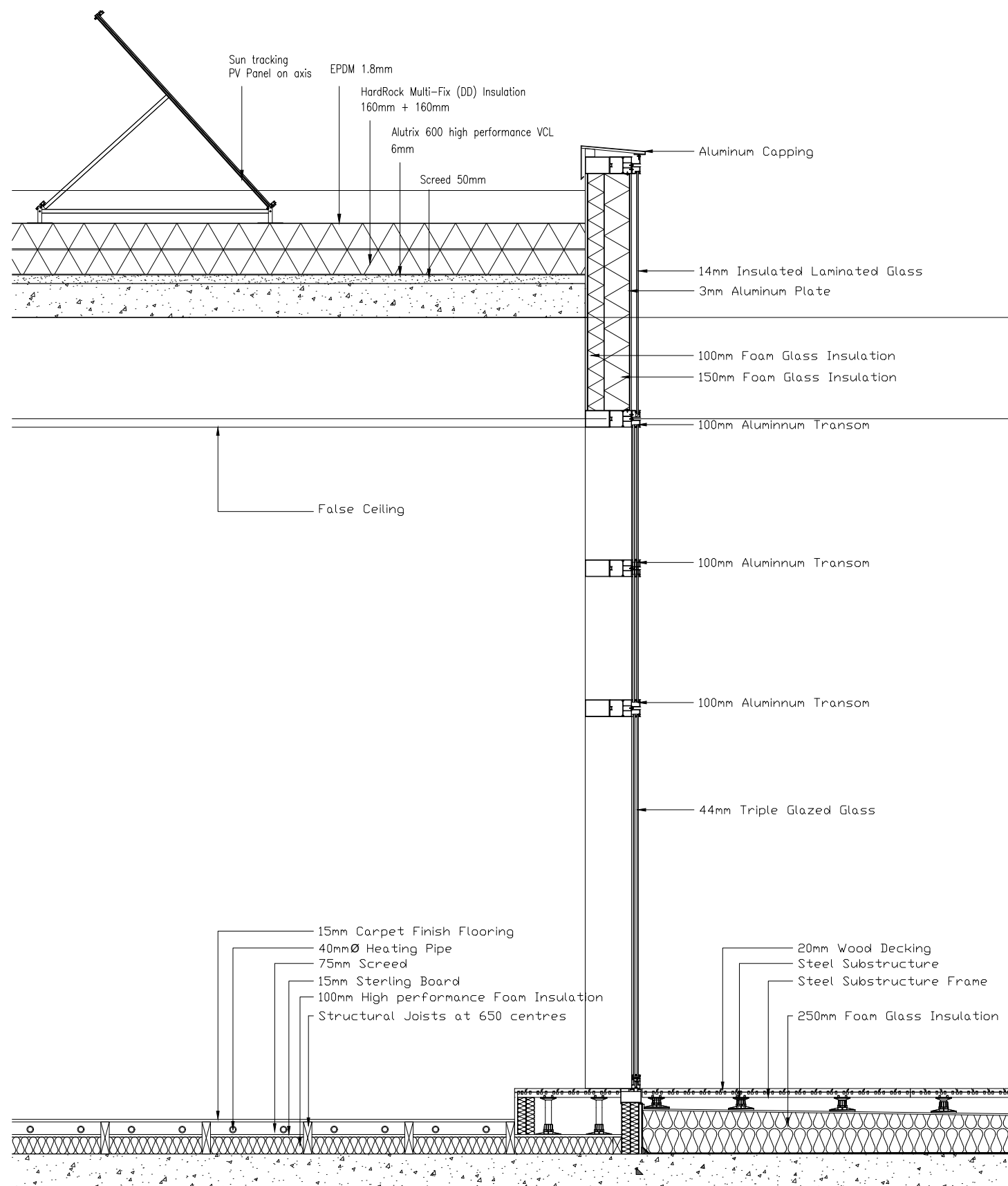


1:5 A1  
Window detail

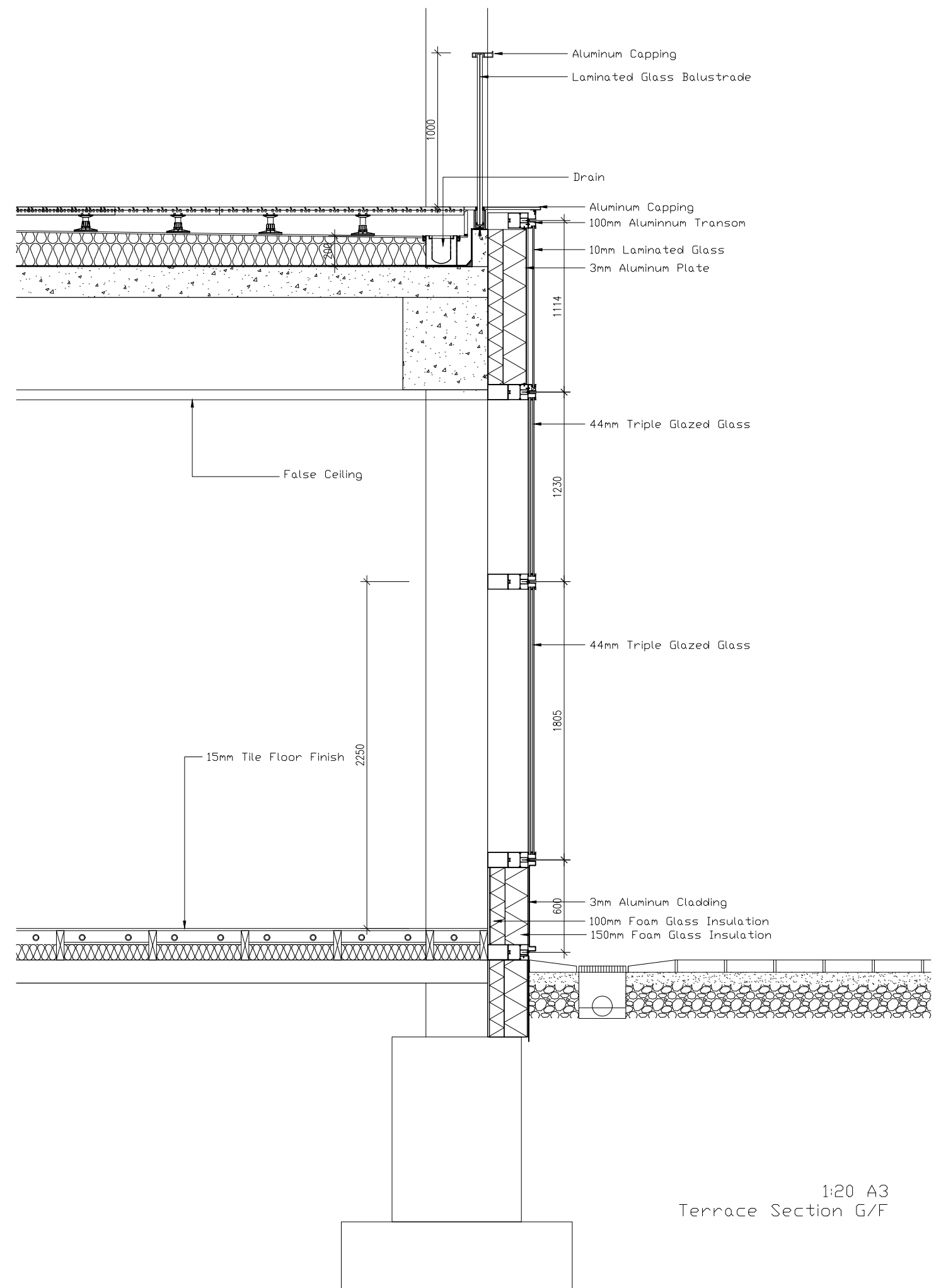


1:5 A1  
Floor detail





1:20 A3  
Terrace Section 1/F



1:20 A3  
Terrace Section G/F





< **Grand Opening** >

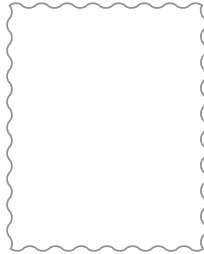
Dear Citizens of Tallinn,

The first film production studio of Tallinn has arrived in Lasnamäe!

We are located at Mustakivi tee 17, directly across the Mustakivi housing blocs and besides the Tondiraba KFC drive-through. At the LasnaKino we run a drive-in theatre every night featuring local and international productions. Our gallery at the West entrance will be opening with an exhibition on Estonian Movies, showcasing archived props and costumes. Join our tour of the soundstage and production facilities to learn about how movies are made!

For filmmakers, our infrastructure offers fully equipped state-of-the-art soundstages with a combined working area of 2160 sq.m with supporting production and design spaces of 4220 sq.m. Please contact +372 333 4444 for inquiries.

Sincerely,  
Lasnamäe District Administration Office



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