# TEMPEL OF NOCTURNAL LIGHTS

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DIGITAL CENSORSHIP AND MISINFORMATION IS THE LATEST PROPAGANDA TOOL USED TO MANIPULATE OUR MINDS. IN A HAZE OF LIES AND HALF-TRUTHS IS IT POSSIBLE TO SHARPEN BLURRED EDGES AND CUT OUT THE NOISE, MAKING THE SCREEN AND REALITY ONE IN THE SAME THING. HISTORIC RESEARCH/ INITIAL TRANSLATING I

WOF

BLURF

TRANSLATING BUILDIN

MATERIAL CHOICES LINKING TO CONCEPT AND ENVIR

SC

VIEW

PLEASE NOTE:

PAGES HIGHLIGHTED IN RED ARE INTERACTIVE PDF'S

PAGES NOTED '3D DRAWINGS' REQUIRE THE 3D GLASSES PROVIDED TO BE WORN

1:20 DE DESIGN ITERATIONS THROUGH ENV

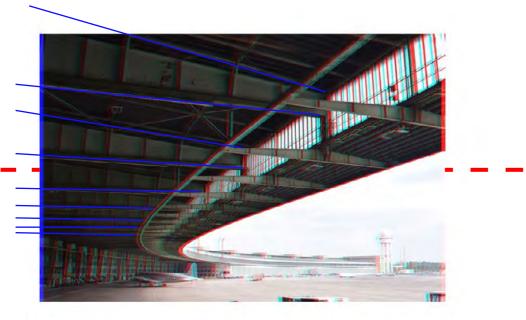
BUILDING CO

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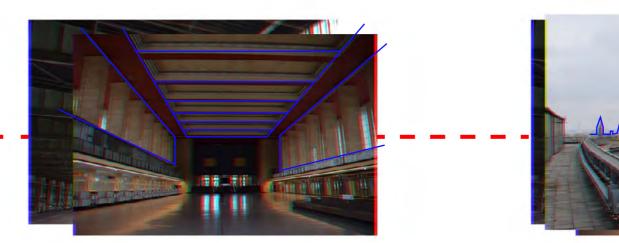
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#### SITE VISIT

TEMPELHOF SITE TOUR, ALTHOUGH EACH ROOM HAS DIFFERING ARCHITECTURAL FEATURES, GRANDEUR AND A STRONG SENSE OF STRUCTURAL RHYTHM IS PRESENT THROUGH OUT, THIS IS SOMETHING WE COULD COMPLIMENT/JUXTAPOSE WITH OUR PROPOSAL 3D DRAWING



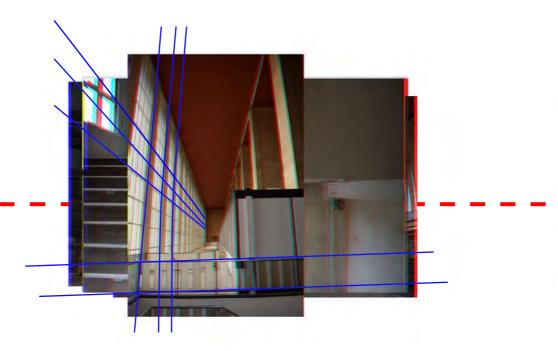
Structural rhythm to Tempelhof roof



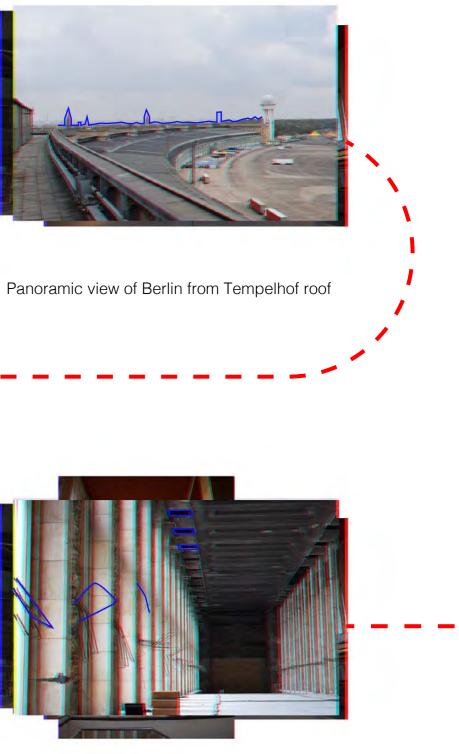
Grandeur and scale of disused airport arrivals



The staircores that will lead to our development are one of the areas in Tempelhof which were never finished



Strong ordered form throughout the airport



Fire damage never repaired

#### INITIAL HISTORIC RESEARCH AND CONCEPT GENERATOR

# 26th April 1945: General Vasily Chuikov leads the Red Army to take Tempelhof from the German troops They blow up the fortified entrance to a three-level bomb shelter filled with celluloid films of the Hansa Luftbild GmbH, a company specialising in aerial photography companies.



Figure 1: Tempelhof bunker fire damage



Figure 2: Tempelhof in 1945 following war damage

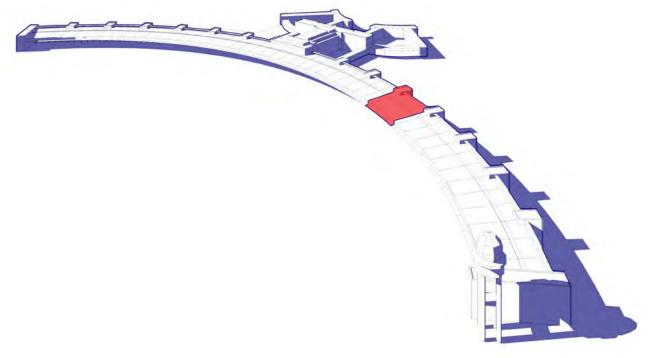
The Project responds to the Tempelhof Fire of 1945, when Soviet troops ignited a three-storey bunker filled with celluloid film, destroying specialist geoinformation photography, with an aim to destroy compromising information that may have been useful for other allied troop.

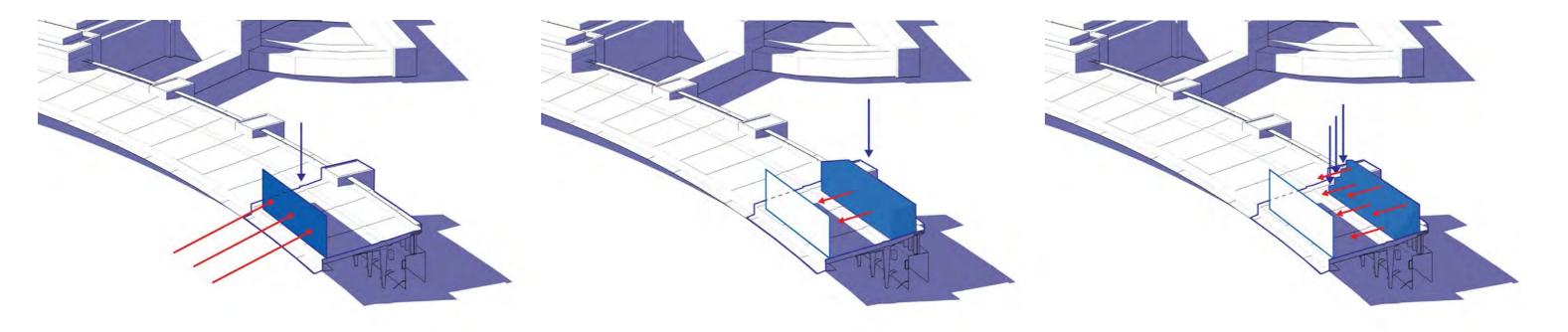
'Tempel of Nocturnal lights' aims to respond to this destruction of visual information, by providing a space for Met Film School Berlin to produce documentaries and films that magnify the voice of political activists and displaced people whilst also collaborating with local film production



#### | TRANSLATING BUILDING FORM TO SITE

TO TRANSLATE THE CONCEPT OF A FILM SCHOOL ONTO SITE WE DECIDED TO PUT THE CORE ELEMENT OF FILM AT THE CENTRE BY CREATING A LARGE SCREEN WHICH WOULD BE VIEWED FROM THE FIELD AS WELL AS FROM THE HOUSING ON THE ROOF, THE HOUSING PROPOSED IN THIS DEVELOPMENT IS STUDENT ACCOMMODATION FOR THE FILM STUDENTS





Large screen for viewing from Tempelhof field

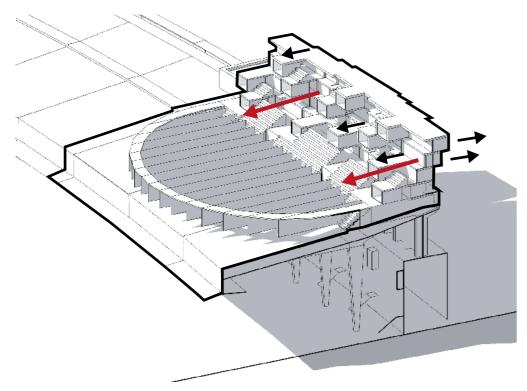
A double-sided screen would also allow viewing from student accommodation and film school

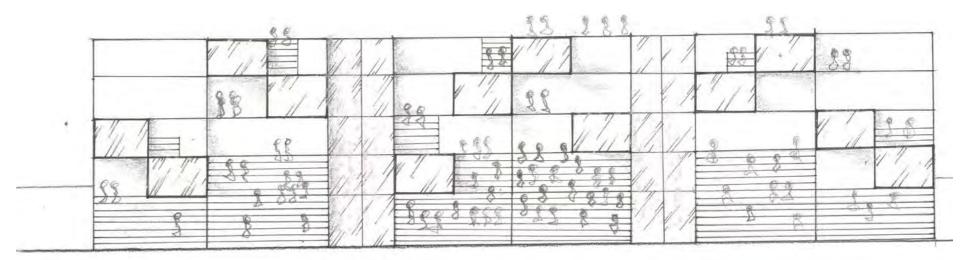
Stepping the proposal creates a form which will link to the original Nazi scheme for tiered seating on the roof as well as increasing places for the films to be viewed from

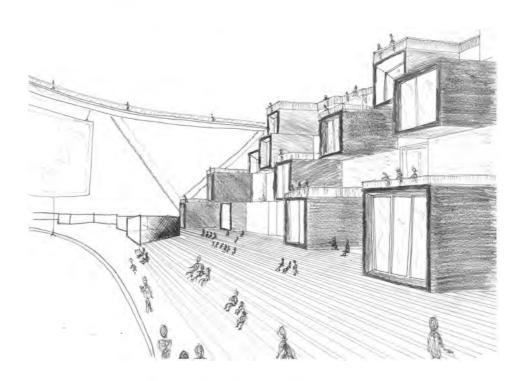
Our site located on Tempelhof roof

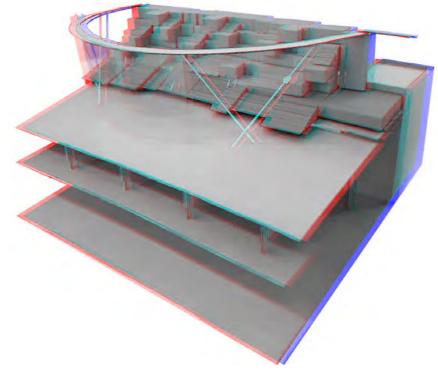
### WORK PRODUCED IN BERLIN



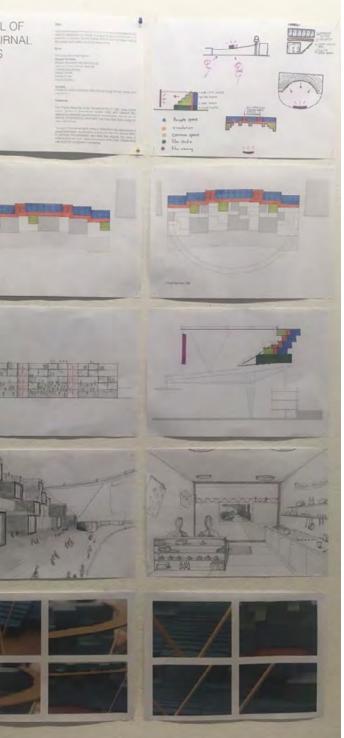








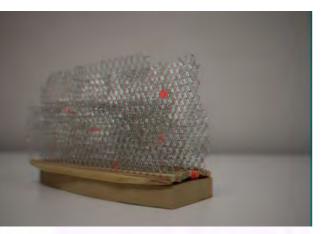
TEMPEL OF NOCTURNAL LIGHTS



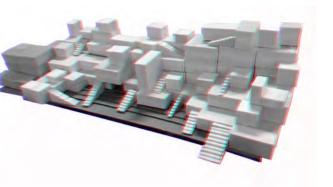
#### | BLURRING BUILDING CONCEPT

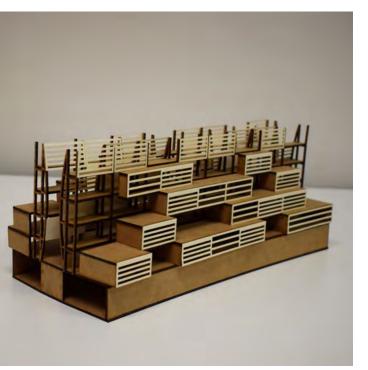
THE CONCEPT FOR THIS PROPOSAL IS TO CREATE A SCHEME WHICH BLURS BETWEEN THE ROOF OF TEMPELHOF AND THE SKY, EVOKING BOTH THE TRANSPARENCY OF TELLING THE TRUTH THROUGH FILM AS WELL AS THE SOLIDLY AND DENIABILITY OF FACTS.





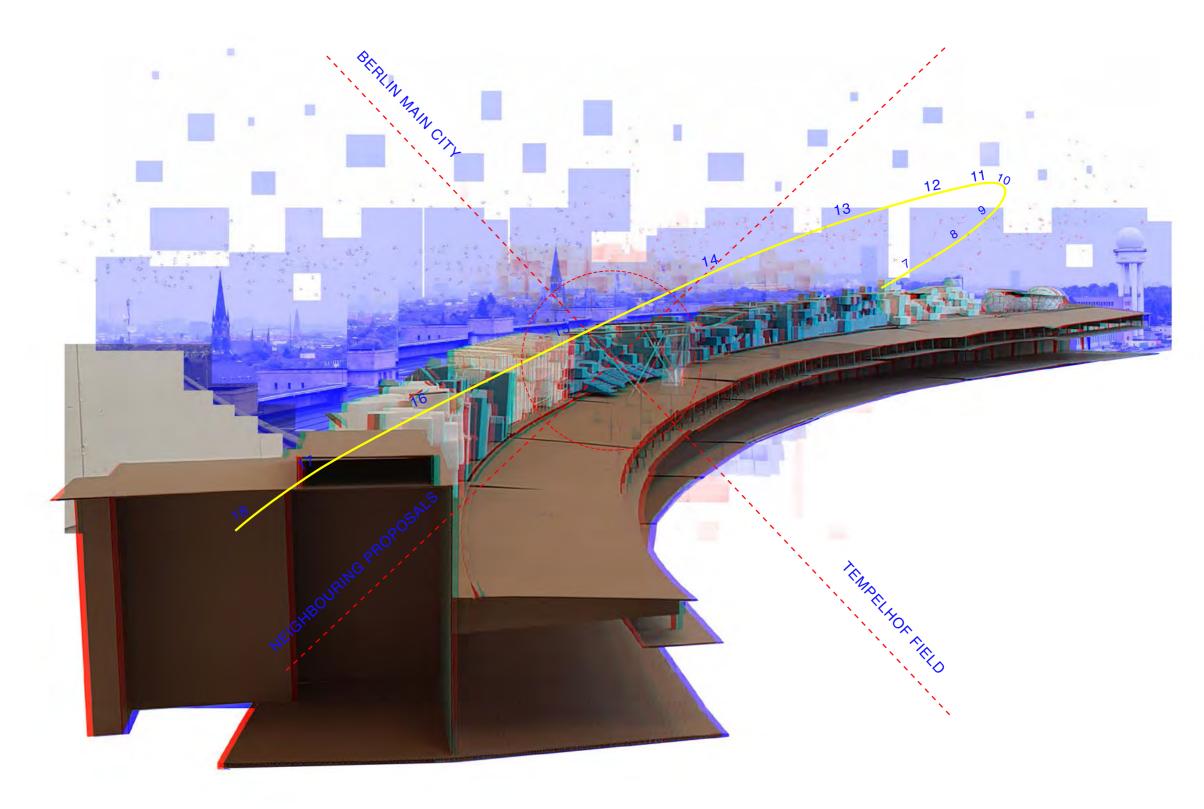


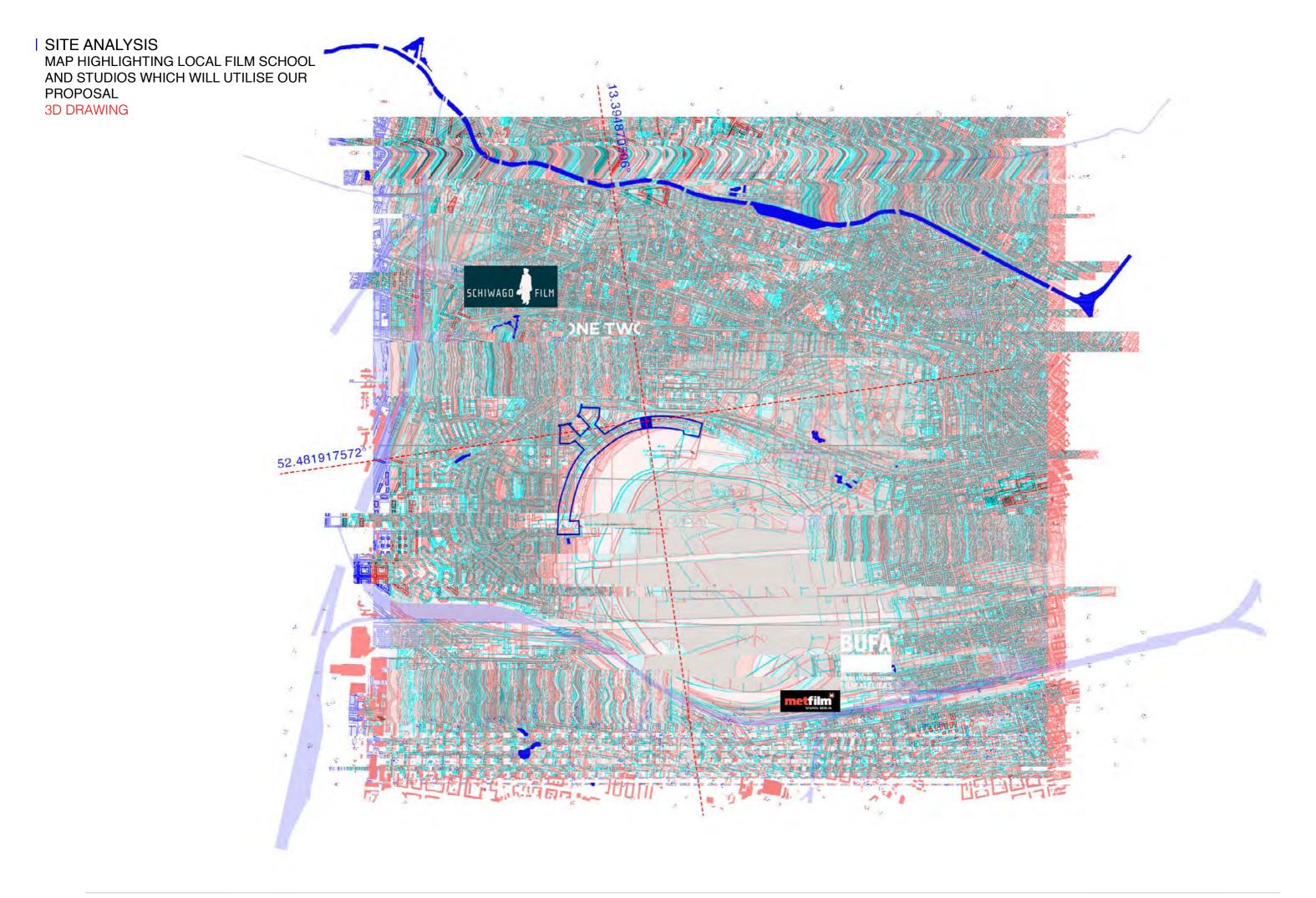




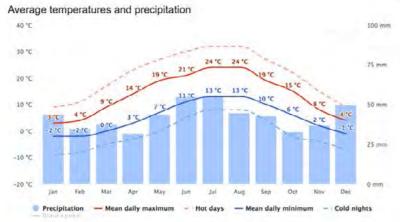
#### | SITE ANALYSIS

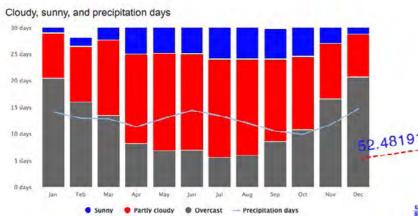
BUILDING CONCEPT MODEL CREATED AS A GROUP IN BERLIN SITUATED IN THE SITE CONTEXT, HIGHLIGHTING THE VIEW NORTH OF THE SITE AND SUNPATH ON SITE 3D DRAWING

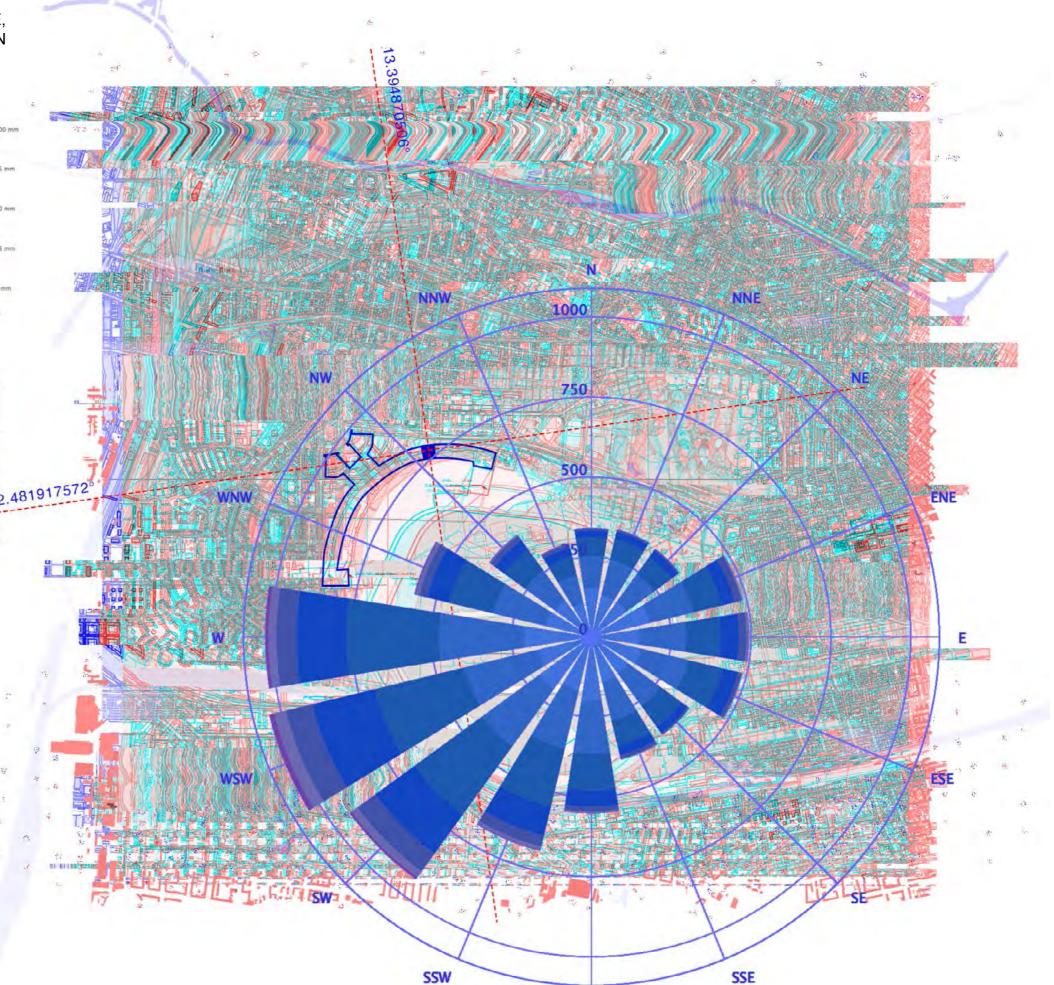




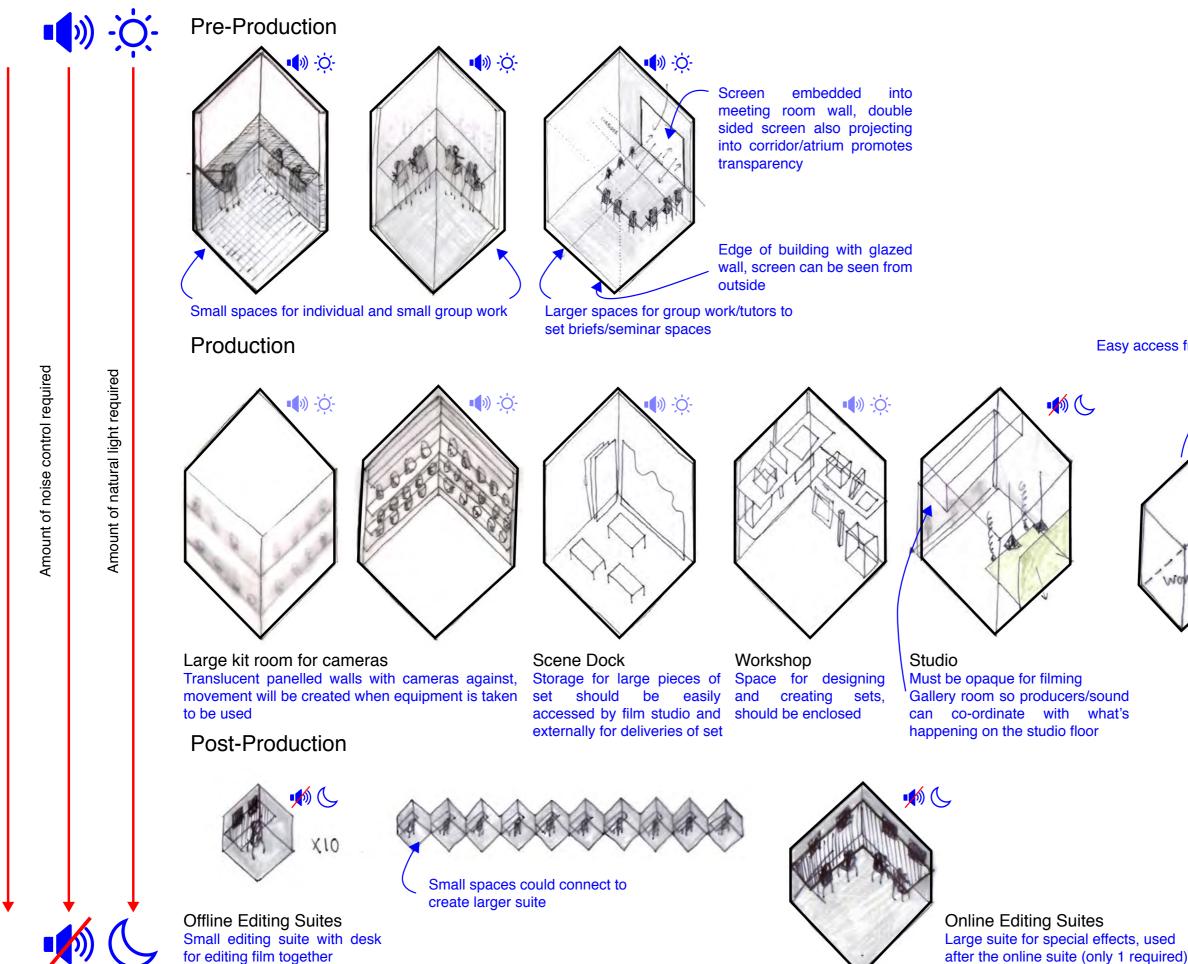
#### | SITE ANALYSIS PLOTTING CLIMATE AND WIND SPEEDS ONTO SITE, THIS IS IMPORTANT DUE TO OUR SITE BEING OPEN AND UNPROTECTED 3D DRAWING

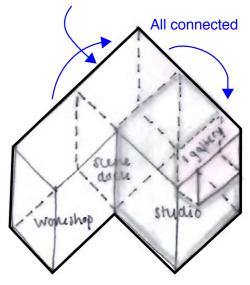






#### **TRANSLATING BUILDING CONCEPT INTO FORMS**





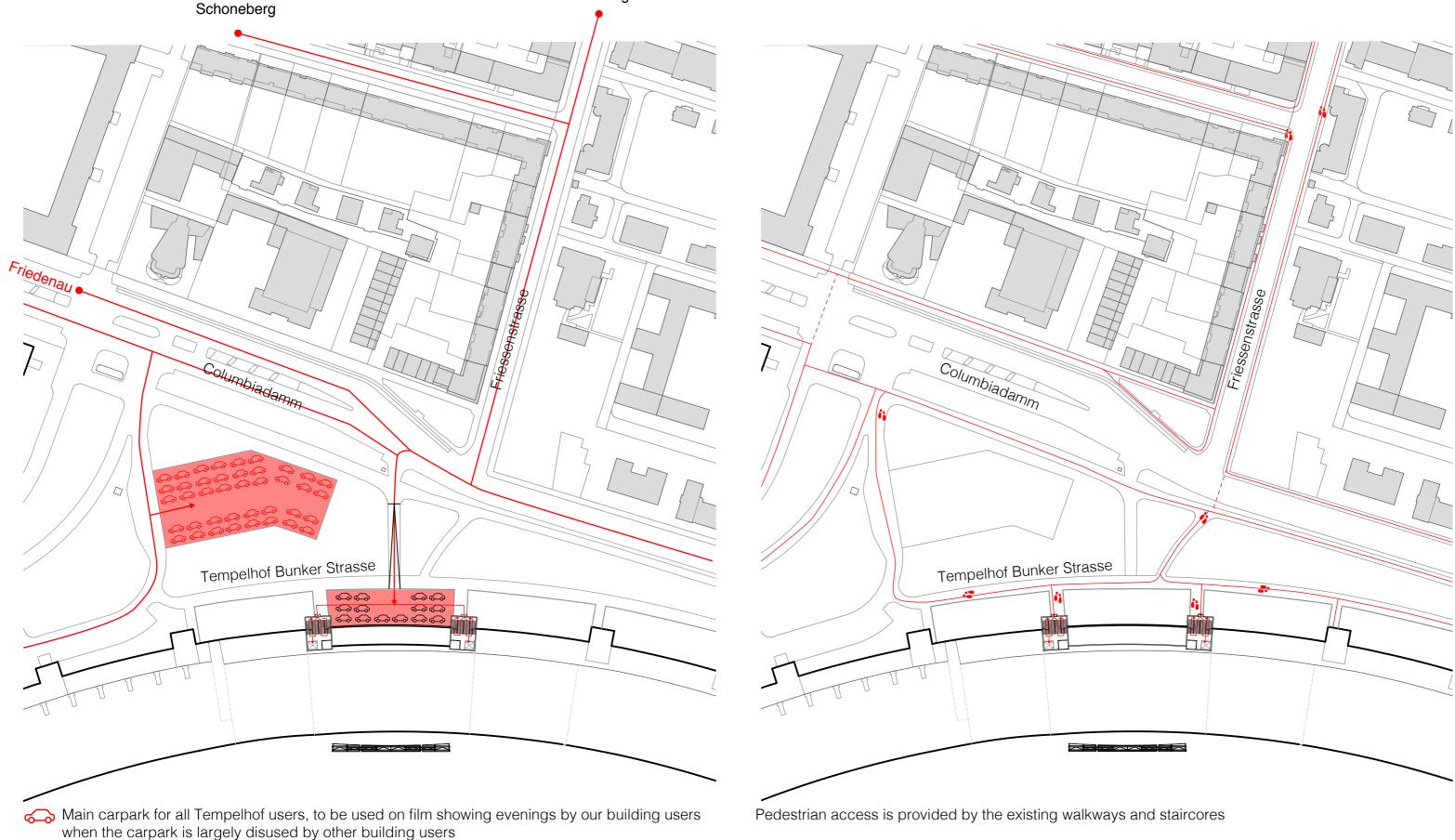
#### Easy access from stair core

#### **BUILDING ACCESS**

Tempelhof vehicular site access: lower ground floor

Tempelhof pedestrian site access: ground floor

Our site is located with direct access to the lower ground vehicular access ramp, this allows close access for deliveries for the screen dock. Kreuzberg



Residential carpark which can also be used for large deliveries required by the film school, the large lift will transport these items to our proposal

# GA PLANS

1 \_\_\_\_ 3 \_\_\_\_ A L \_\_\_ 4 \_\_\_\_

5 \_.\_

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# Click drawing title for drawing

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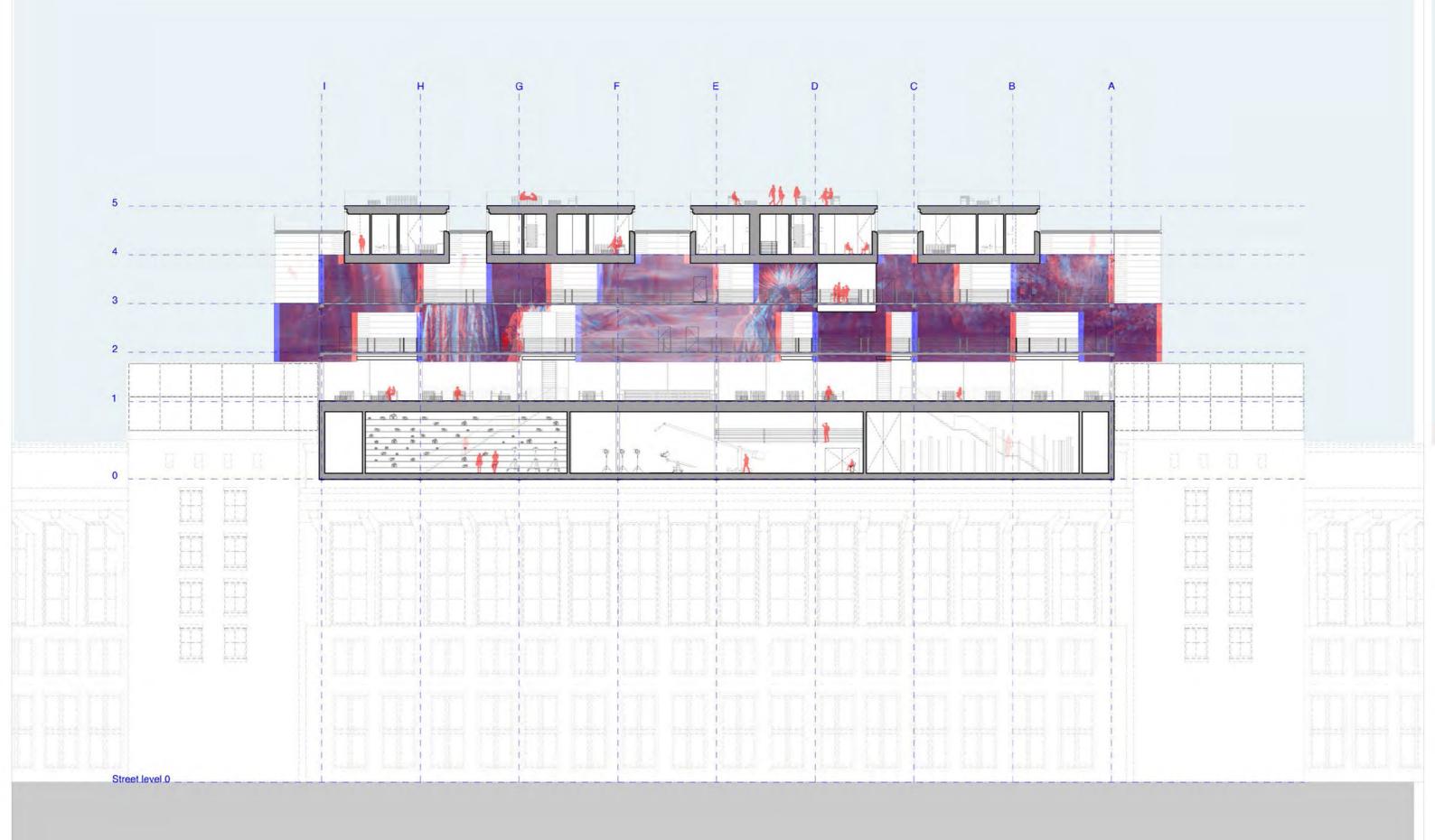
# SOUTH ELEVATION

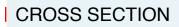
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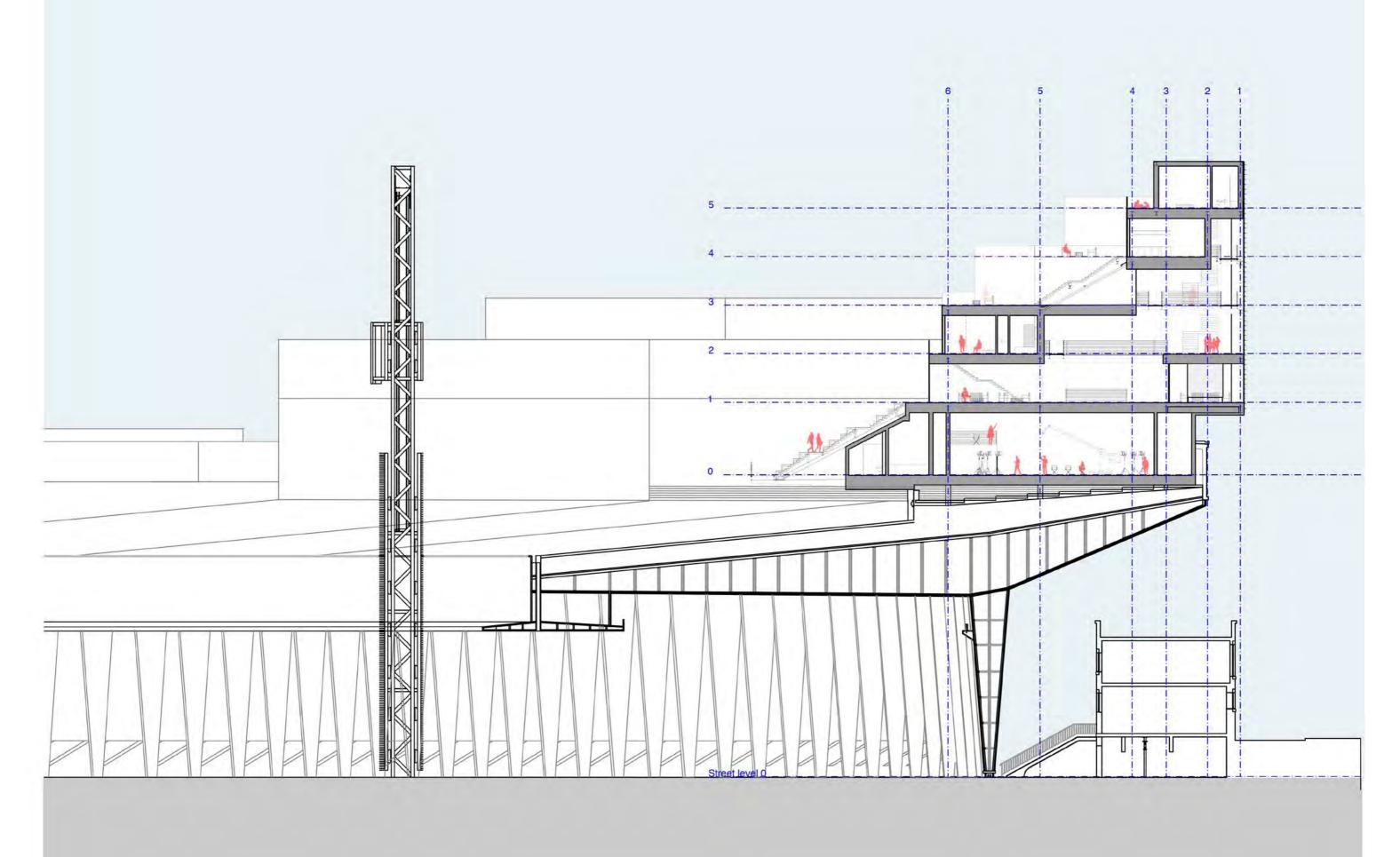
NORTH ELEVATION

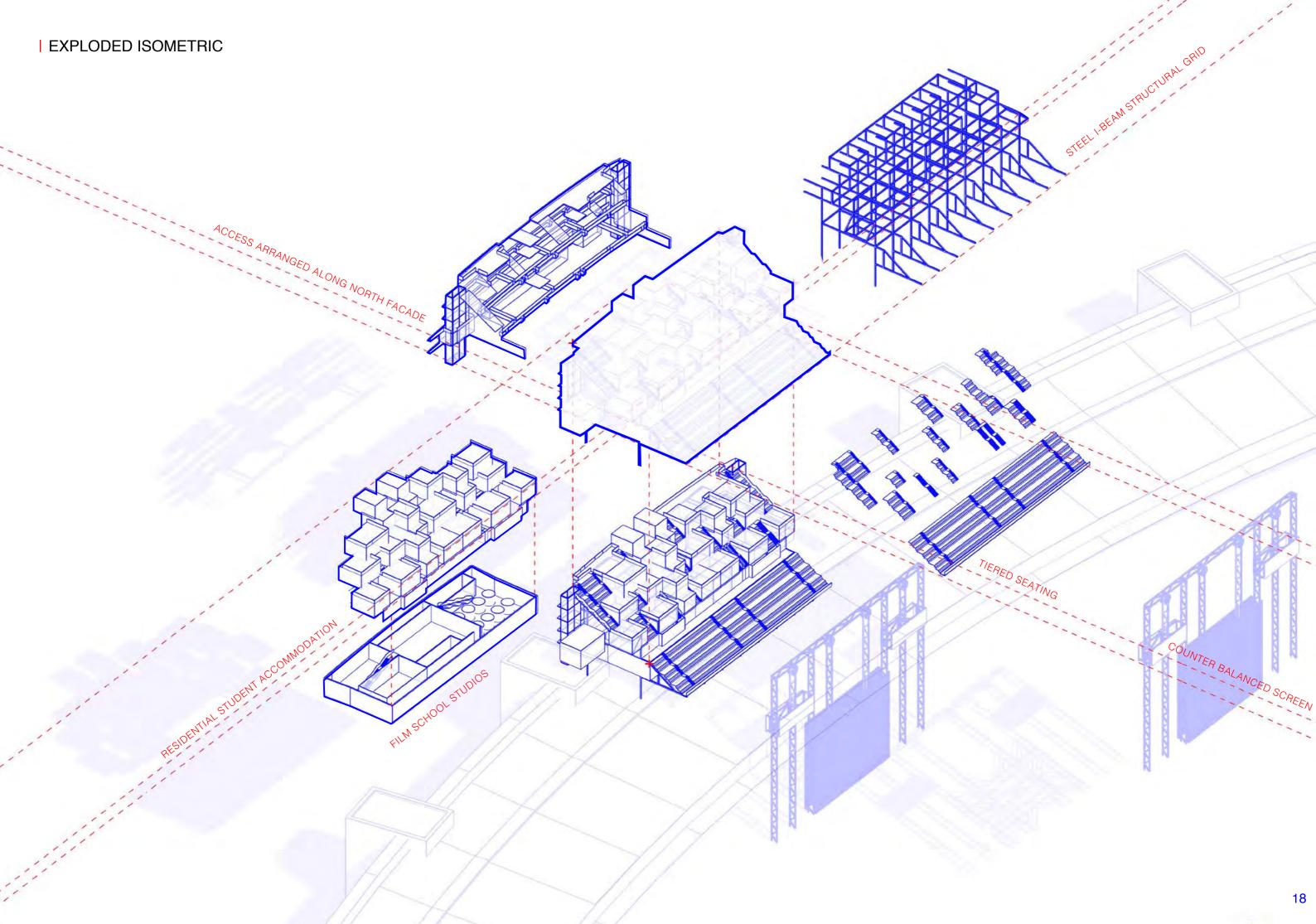






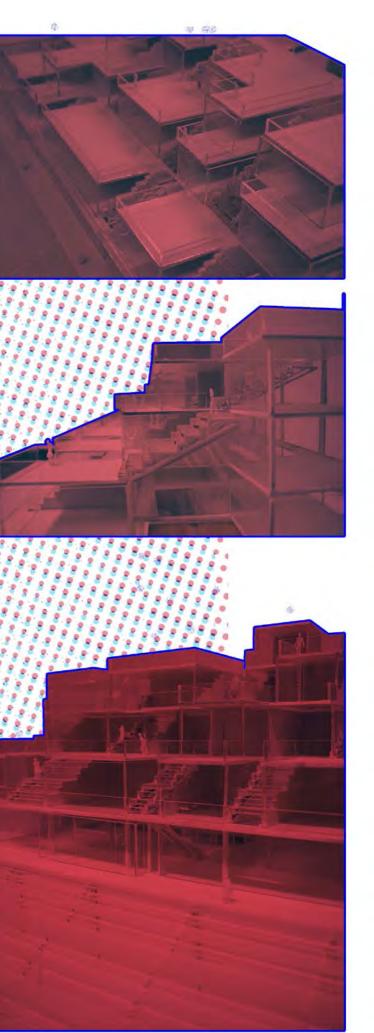






# | 1:100 SITE MODEL

white board, translucent acrylic and transparent acrylic are used to demonstrate the different levels of visual permeability throughout the building



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#### **MATERIAL CHOICES LINKING TO CONCEPT AND ENVIRONMENTAL STRATEGIES**

Herzog de Meuron Elbphilharmonie Hamburg



Figure 3: Elbphilharmonie glazing



Figure 4: Internal view through matrix printed glazing

The Elbphilharmonie by Herzog de Meuron was used as a key source of inspiration for our project due to the unique treatment of glass.

- The dot matrix print on the facade is used as sun protection
- The glass used is low iron which makes it especially transparent.

- The reflective chrome dots vary in diameter and degree of print density depending on the intended room useage.

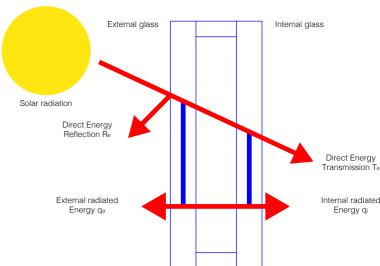
- The print frames the view and creates a mesh network over the entire facade

- In addition to solar and low-E coating the g-values of the glazing were optimised by 25% through the grey dot print and the dot matrix chrome mirror coating

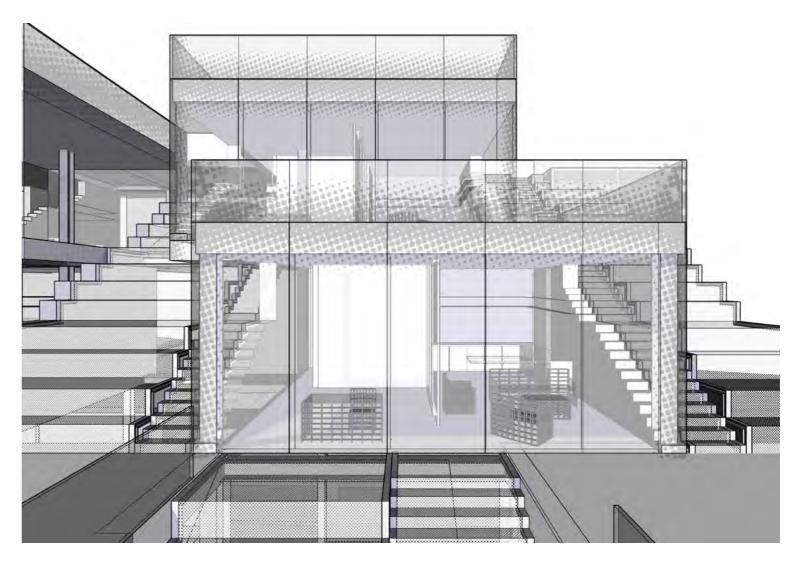
#### Solar gain

The dot matrix chrome mirror coating optimises the g-value of the glazing by 25%, this principle can also be applied to our proposal.

g-value is used as a coefficient for solar energy transmittance of windows, having a lower g-value means the building is less likely to over heat as the solar gain is reduced.



#### Materials applied to the proposal



The dot matrix has a greater print density at building junctions, and structural entities, creating a clean, blurring facade.

#### MATERIAL CHOICES LINKING TO CONCEPT AND **ENVIRONMENTAL STRATEGIES**



Figure 5: Imperial War Museum North, internal view of airshard

Daniel Libeskind's Imperial War Museum North includes the 'airshard' an indoor/outdoor space clad in extruded box-section planks and finished with a perforated metal flooring. The building is intended to disorientate the visitor.

Our choice of perforated metal walkways and stairs are inspired by this project. The perforations will break down defined edges and promote transparency, as well as allowing 'blurred' views of the building through them.

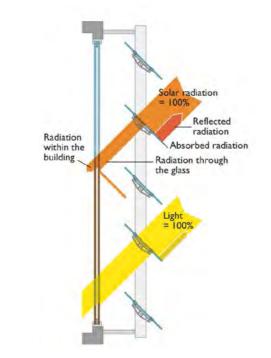


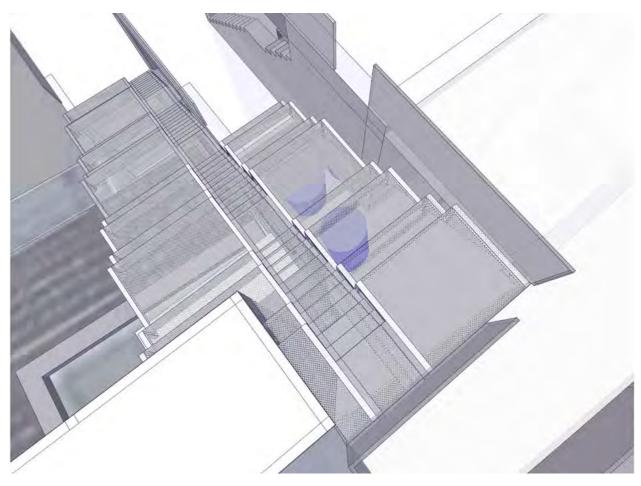
Figure 6: Solar Radiation and Louvres

#### Solar Shading

The perforated metal staircases are located across the building on angled glazing panels, this will act as external solar shading. This is one of the most effective ways to control the internal conditions of our building.

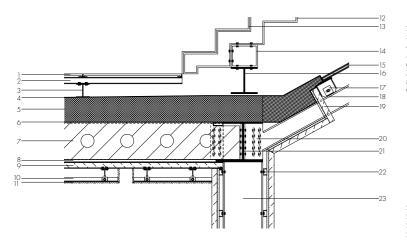
Radiation from the sun is largely transmitted, absorbed and reflected by the louvres, minimising transmission.

As a result solar heat gain is prevented from passing into the building, minimising ventilation requirements and reducing cooling loads.



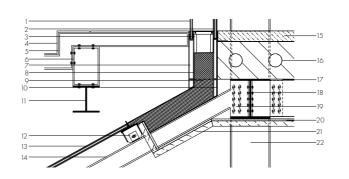
blurred by the perforated metal stairs

#### Perforated metal stair details, 1:10 @ A0





- + 2x6mm laminated safety alass
- 200mm HEB steel beam
- 10mm Steel tie attaching glazing unit to secondary steel frame
- 200mm secondary steel frame 40mm acoustic panel, white
- 20. 200mm secondary steel frame bolted to primary structure
- Slim floor beam steel section 300mm Hight 410mm width
- steel bracket support internal wall 23. 300mm HEB steel column



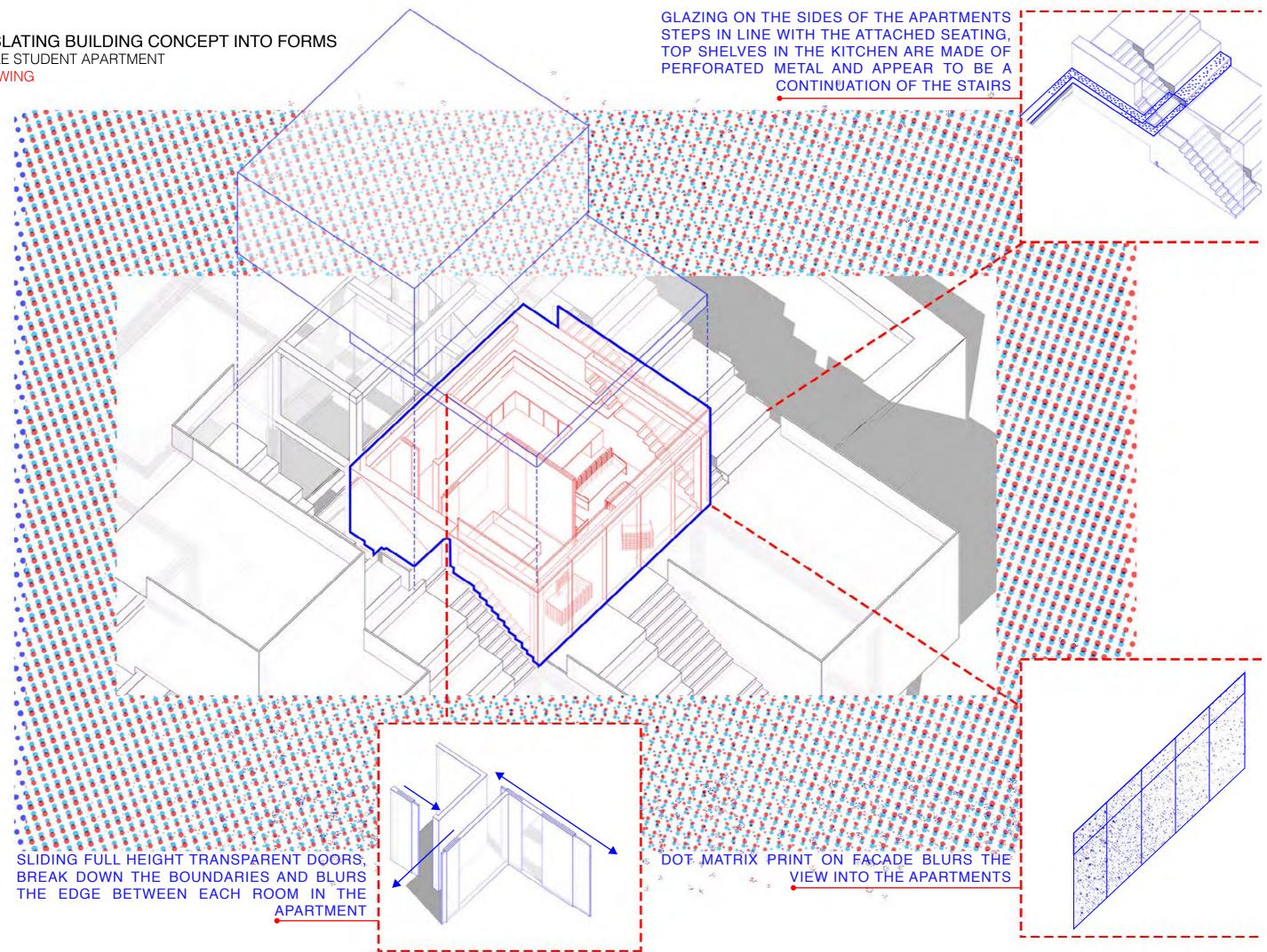
6 mm laminated safety glass +16mm cavity

Patterned glass rai

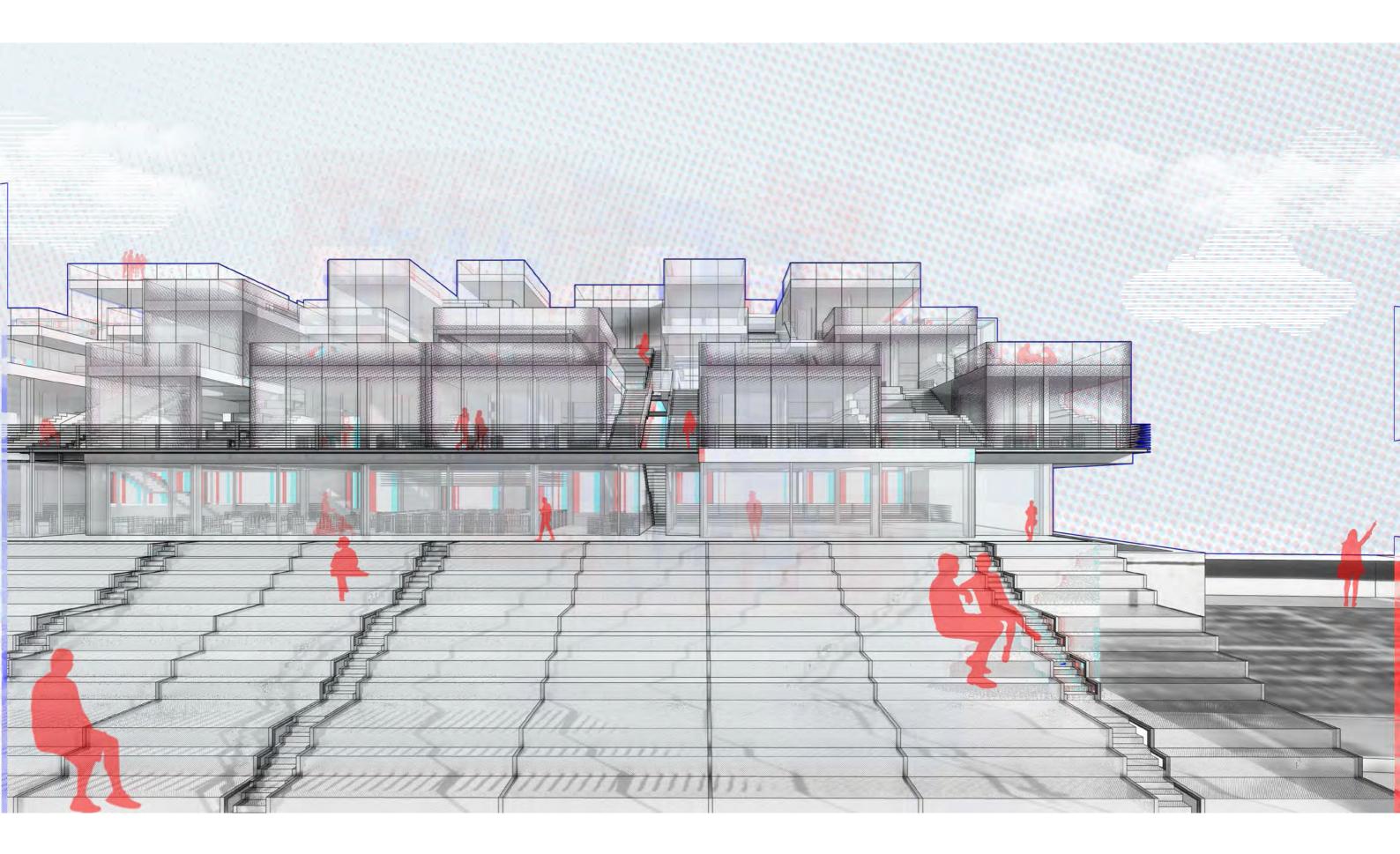
- +6mm laminated safety alass
- 2x6mm transparent lam ited safety glas +16mm cavity
- + 2x6mm laminated safety glass
- Aluminium grate 10mm Perforated anodised aluminium shee
- 100mm Steel frame support for stairs 200mm Steel frame support for stairs
- insulated steel curtain wall frame
- damp proof membrane Hytherm ADH tapered/flat board insulation
- , vapor barrier 200mm HEB steel bear
- 10mm Steel tie attaching glazing unit to secondary steel frame 2x6mm transparent laminated safety glass 2x6mm transparent larr
  - + 16mm cavity + 2x6mm laminated safety glass 200mm secondary steel frame
- 80mm self-levelling screed
- + underfloor heating pipes +5mm steel edge
- Pre-cast concrete Plank 285mm depth
- 300mm HEB steel beam Slim floor beam steel section 300mm Hight 410mm width
- 15mm plasterboard 200mm secondary steel frame bolted to primary structure
- 40mm acoustic panel, white 300mm HEB steel column

Birds eye view of the building: Editing Suites on the ground floor are visible from the roof,

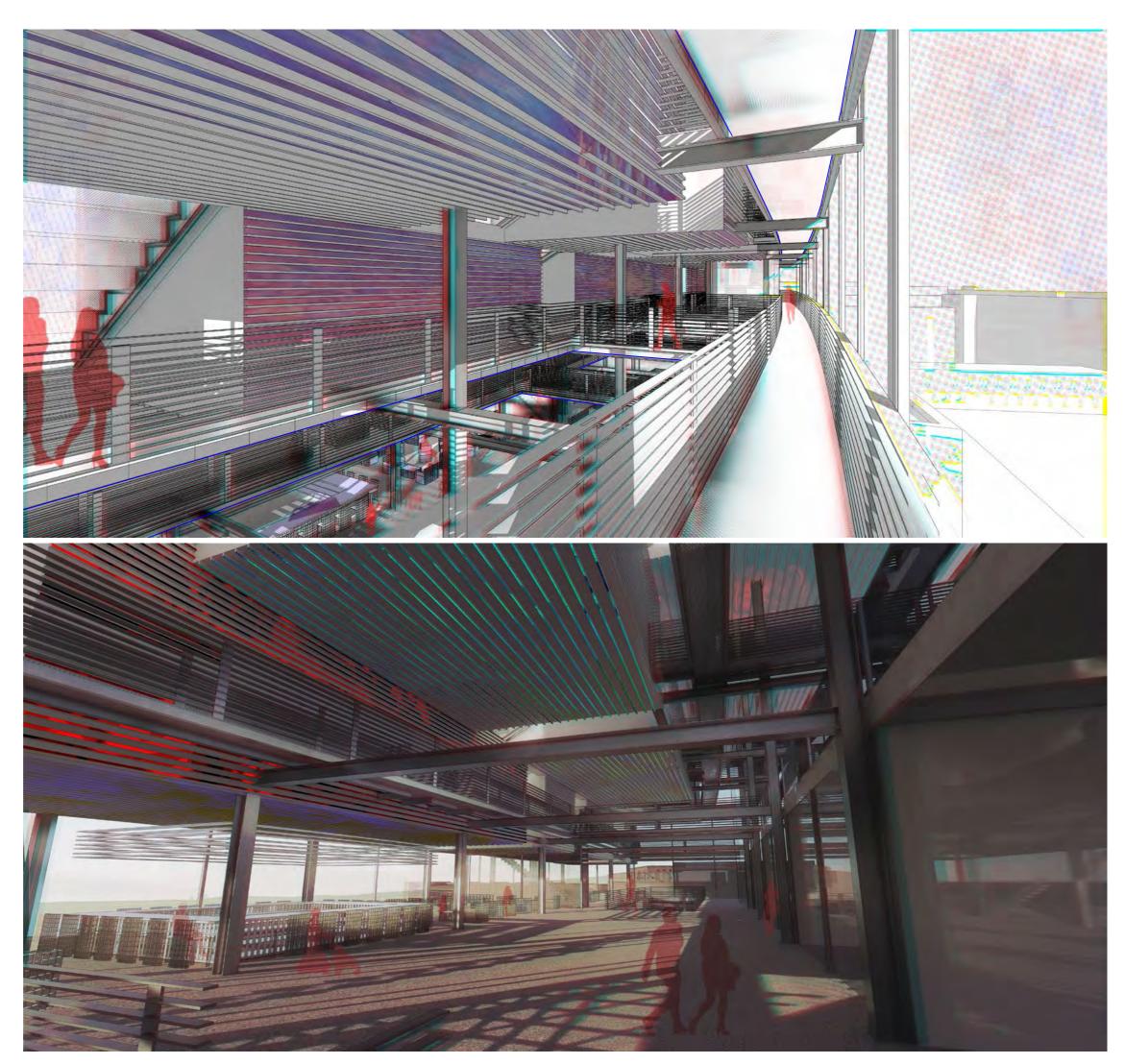
| TRANSLATING BUILDING CONCEPT INTO FORMS EXAMPLE STUDENT APARTMENT **3D DRAWING** 



### | SOUTH PERSPECTIVE VIEW

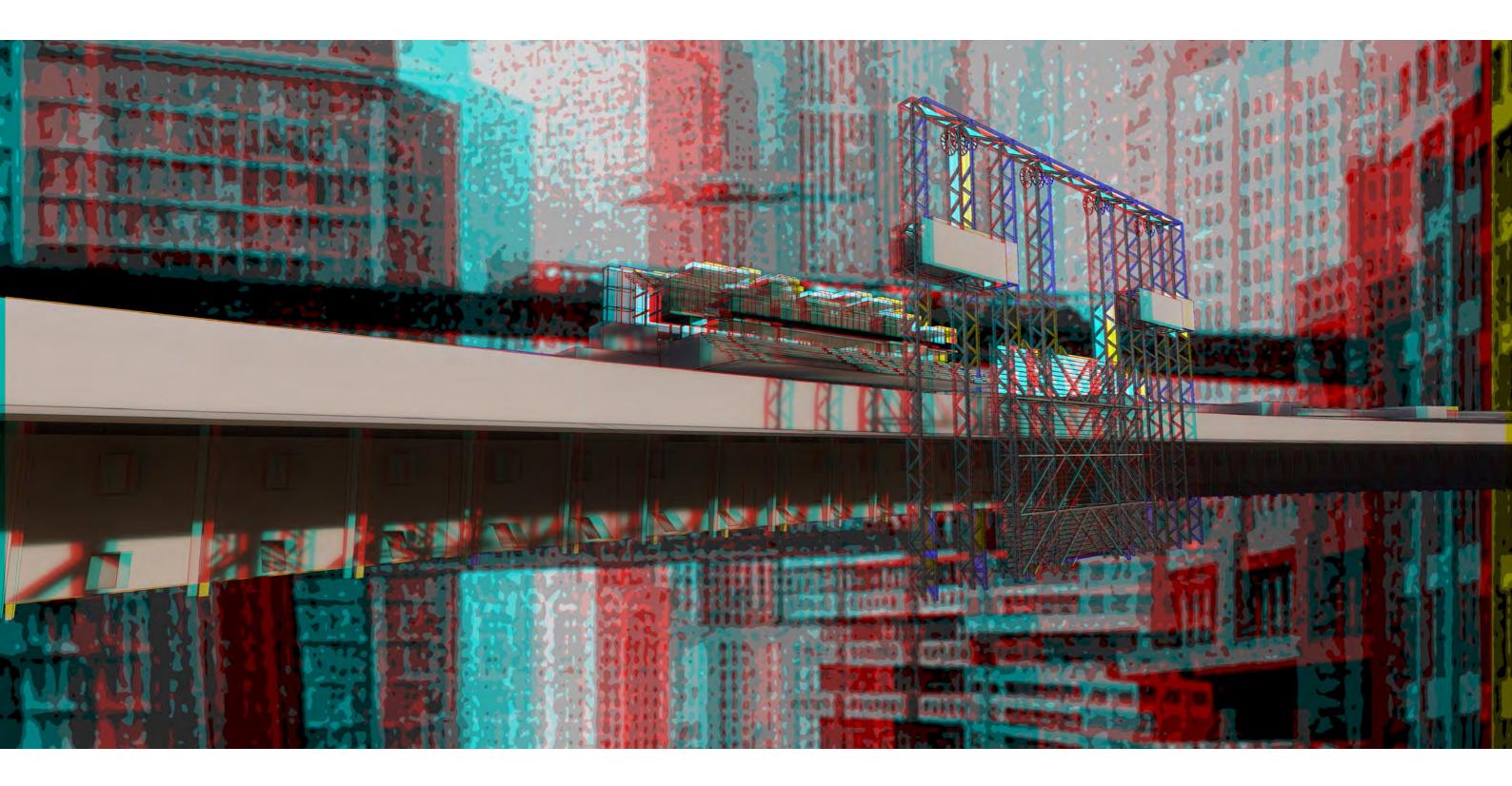


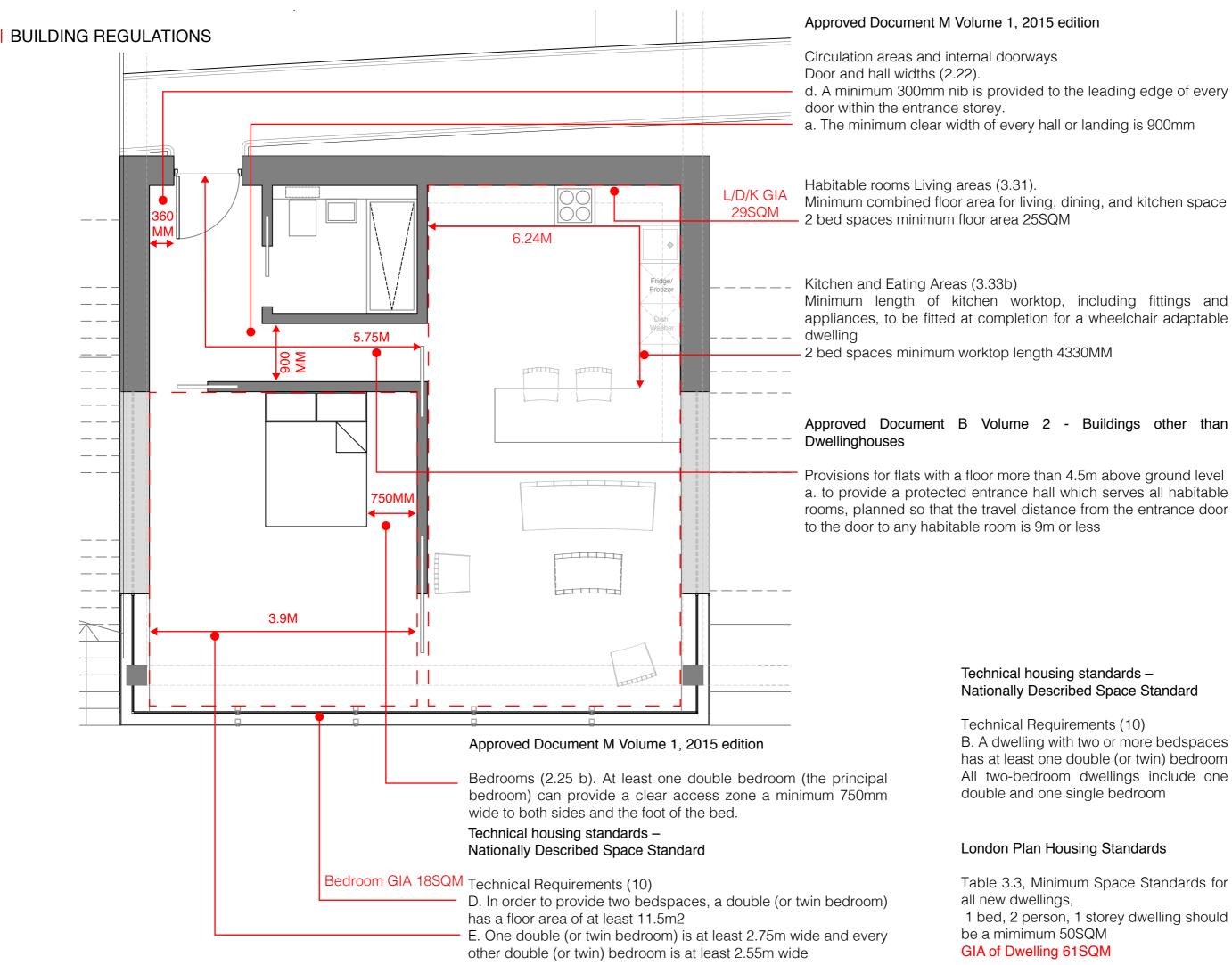
# SECOND FLOOR BRIDGE VIEW



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VIEW FROM TEMPELHOF FIELD





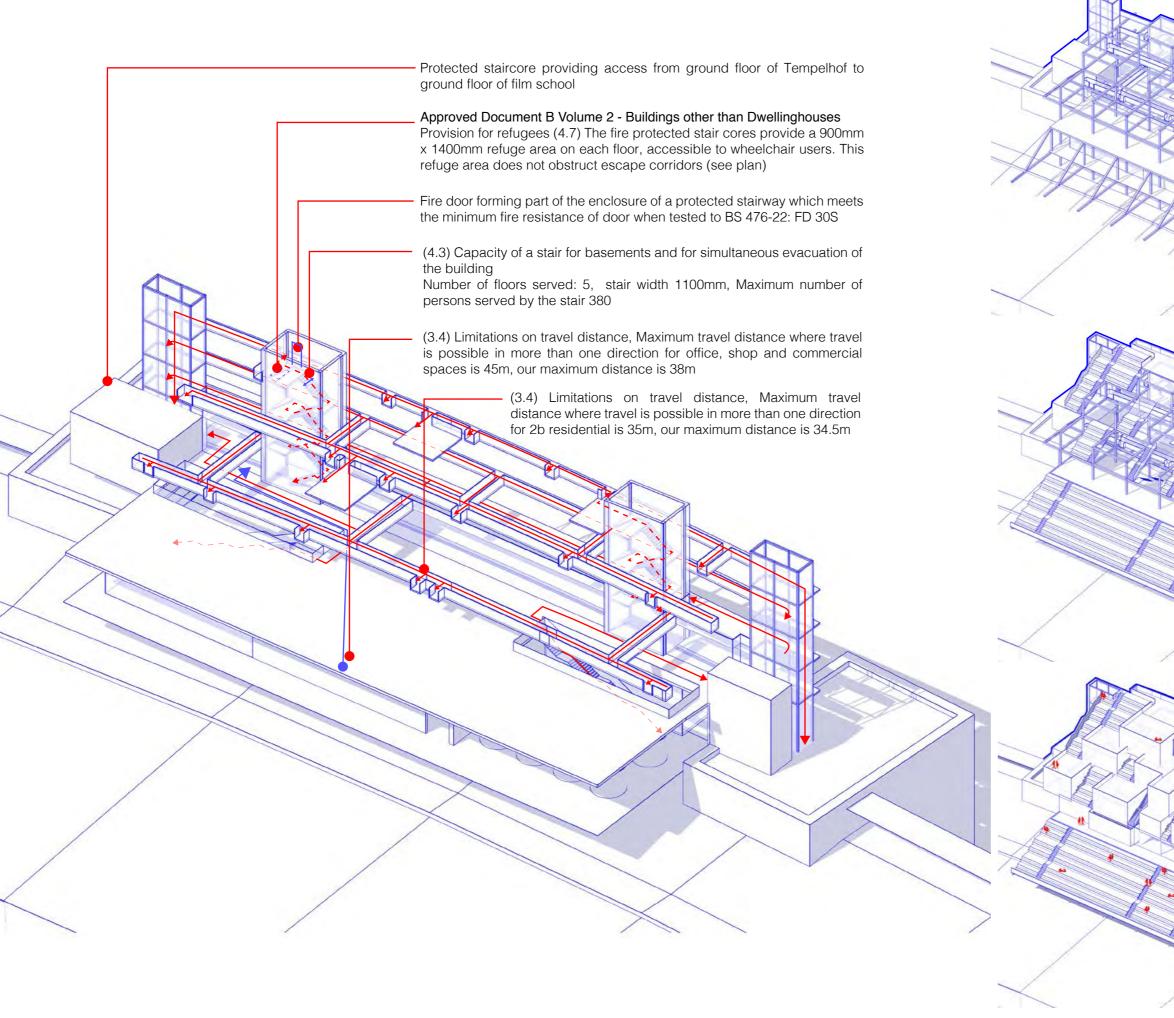
#### Technical housing standards -Nationally Described Space Standard

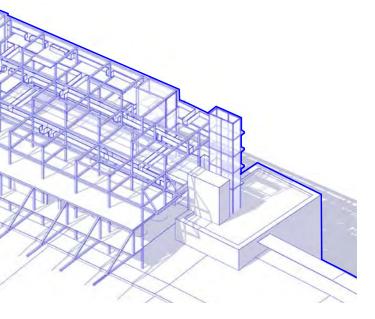
Technical Requirements (10) B. A dwelling with two or more bedspaces has at least one double (or twin) bedroom All two-bedroom dwellings include one double and one single bedroom

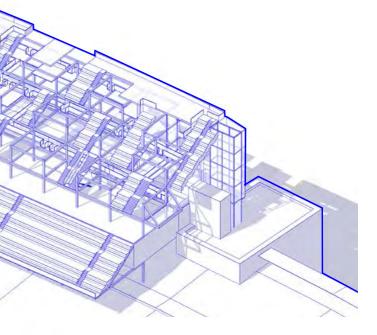
#### London Plan Housing Standards

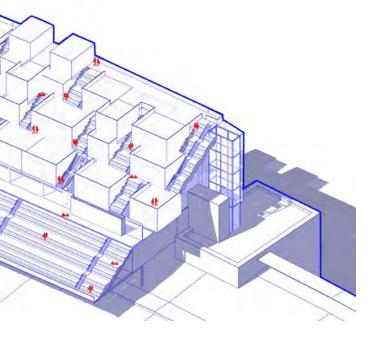
Table 3.3, Minimum Space Standards for 1 bed, 2 person, 1 storey dwelling should be a mimimum 50SQM GIA of Dwelling 61SQM

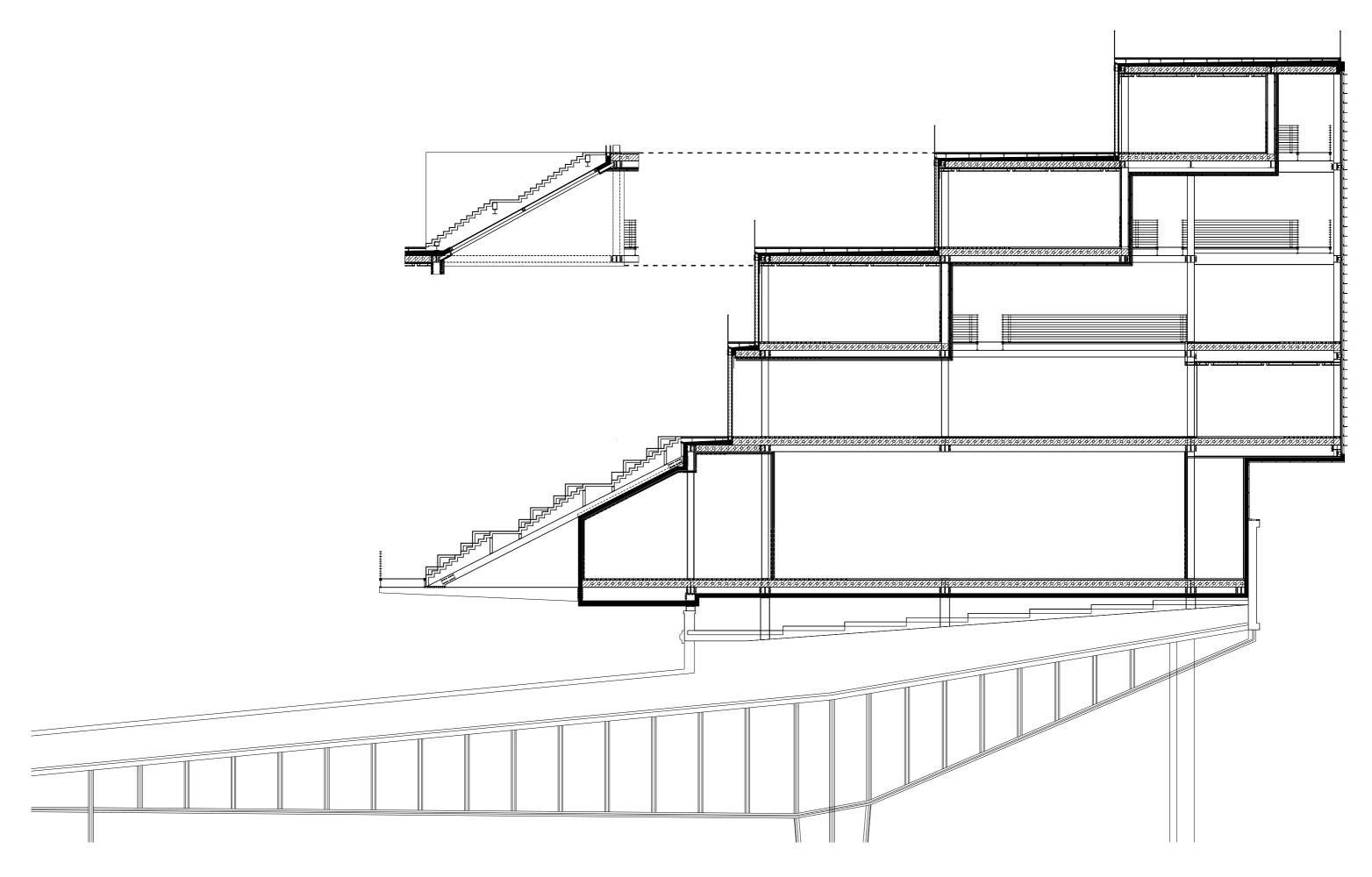
#### | BUILDING REGULATIONS



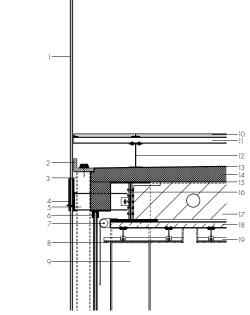




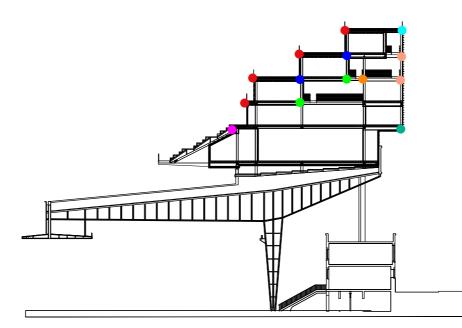




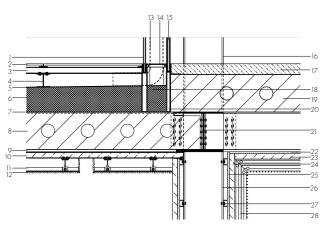
#### BUILDING DETAILS



- Detail 1 1. Glass Balustrade:
- 6 mm laminated safety alass +16mm cavity
- +6mm laminated safety glass PVC Gutter
- PVC Drain pipe 110mm
- 200mm Steel tie attaching balustrade to primary steel frame 10mm Steel tie attaching glazing unit to primary steel frame Thermal glazing:
- 2x6mm transparent laminated safety glass + 16mm cavity + 2x6mm laminated safety glass
- Sunblind, white
- 13mm aluminium foam suspended ceiling 300mm HFB steel beam
- 10mm Perforated anodised aluminium sheet decking 50mm Steel beam decking support system
- 100mm steel support damp proof membrane
- Hytherm ADH tapered/flat board insulation 1/
- vapor barrier Slim floor beam steel section 300mm Hight 355mm width
- Pre-cast concrete Plank 282mm depth 40mm acoustic panel, white, within 50mm steel frame
- 30mm Steel frame support for suspended ceiling







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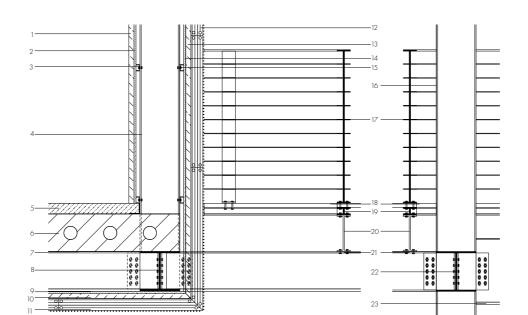
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- Detail 2
  Patterned glass rainscreen 6 mm laminated safety glass +16mm cavity
- +6mm laminated safety glass
- 10mm Perforated anodised aluminium sheet decking 50mm Steel beam decking support system
- 100mm Steel support
- damp proof membrane Hytherm ADH tapered/flat board insulation
- vapor barrier Pre-cast concrete Plank 282mm depth
- 300mm HEB steel beam 40mm acoustic panel, white, within 50mm steel frame 30mm Steel frame support for suspended ceiling
- 13mm aluminium foam suspended ceiling
- PVC Drain pipe 110mm Aluminium arate
- 14. 15. Thermal glazing: 2x6mm transparent laminated safety glass
  - + 16mm cavity + 2x6mm laminated safety glass
- 300mm HEB steel beam
   80mm self-levelling screed

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- + underfloor heating pipes
- +5mm steel edge 200mm rigid insulatio
- 19. Pre-cast concrete Plank 285mm depth 20
- insulated steel curtain wall frame fixed to pre-cast concrete planks Slim floor beam steel section 300mm Hight 410mm width
- 15mm plasterboard
   40mm acoustic panel, white
- 24. 40mm acoustic panel, white
- 25. 15mm plaster board
   26. 300mm HEB steel beam
   27. steel bracket support internal wall
- 28. transparent LED screen

- Detail 3 1. 10mm Perforated anodised aluminium sheet
- PVC gutter 100mm Steel frame support for stairs
- 300mm HEB steel beam
- PVC drain pipe 110mm 10mm Perforated anodised aluminium sheet decking
- 50mm Steel beam decking support system
- 100mm Steel support
- damp proof membrane Hytherm ADH tapered/flat board insulation
- vapor barrier
- Slim floor beam steel section 300mm Hight 410mm width
- Pre-cast concrete Plank 282mm depth 300mm HEB steel beam 14
- 150mm polystyrene insulation STS connector 40mm acoustic panel, white
- 15mm plasterboard
- 50mm steel frame 300mm HEB steel column
- insulated steel curtain wall frame fixed to pre-cast concrete planks 300mm HEB steel column



😑 🛑 Detail 4/5

- 40mm acoustic panel, white
- 15mm plasterboard steel bracket support internal wall 300mm HEB steel beam
- 80mm self-levelling screed 5 + underfloor heating pipes
- +5mm steel edge
- Pre-cast concrete Plank 285mm depth 300mm HEB steel beam
- 300mm HEB steel beam
- 15mm plasterboard 40mm acoustic panel, white 10
- transparent LED screen transparent LED screen
- 13
- 40mm acoustic panel, white 15mm plasterboard steel bracket support internal wall

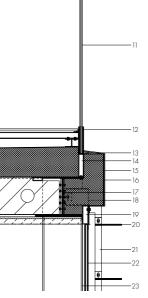
- 30mm steel grid 60mm steel I section walkway support
- 20. 280mm steel I section connecting walkway to primary steel frame
- 300mm HEB steel beam 300mm HEB steel beam
- 23 500mm HEB steel beam





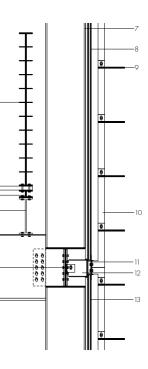




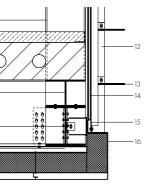


- Detail 6
- 10mm Perforated anodised aluminium sheet deckina 50mm Steel beam decking support system
- 100mm Steel support

- damp proof membrane Hytherm ADH tapered/flat board insulation
- vapor barrier
- Pre-cast concrete Plank 282mm depth 300mm HEB steel beam
- 15mm plasterboard 40mm acoustic panel, white
- Glass Balustrade:
- 6 mm laminated safety glass + 16mm cavity
- +6mm laminated safety glass 200mm Steel tie attaching balustrade to primary steel frame
- timber fixed to steel tie
- insulated steel curtain wall frame fixed to I beam aluminium capping fixed to timber and lapped over insulation
- Slim floor beam steel section 300mm Hight 355mm width damp proof membrane
- + vapor barrier
- 10mm Steel tie attaching glazing unit to primary steel frame
   insulated steel curtain wall frame fixed to I beam
- 200mm steel plate solar shading
   50mm steel frame holding solar shading
- 22. Thermal glazing: 2x6mm transparent laminated safety glass + 16mm cavity
- + 2x6mm laminated safety glass
- 23. 300mm HEB steel beam



- Detail 7 1350mm high balustrade, 10mm welded steel sheet components 30mm steel grid 60mm steel 1 section walkway support
- 280mm steel I section connecting walkway to primary steel frame 500mm HEB steel beam
- 300mm HEB steel beam
- 300mm HEB steel column
- 8
- Thermal glazing: 2x6mm transparent laminated safety glass + 16mm cavity + 2x6mm laminated safety glass
- 200mm steel plate solar shading
- 50mm steel frame holding solar shading
- insulated steel curtain wall frame fixed to I beam 10mm Steel tie attaching window frame to primary steel frame 13
- Thermal glazing: 2x6mm transparent laminated safety glass
- + 16mm cavity + 2x6mm laminated safety glass



Detail 8

2.

- 300mm HEB steel beam 80mm self-levelling screed
- + underfloor heating pipes
- +5mm steel edge Pre-cast concrete Plank 285mm depth
- 500mm HEB steel beam steel I section 200mm Hight 300mm width
- 300mm HEB steel beam 50mm steel frame supporting metal cladding
- damp proof membrane
- 150mm rigid insulation vapor barrier
- Anodized aluminium sheet cladding
- 50mm steel frame holding solar shading
- 200mm steel plate solar shading
- Thermal glazing: 2x6mm transparent laminated safety glass
- + 16mm cavity + 2x6mm laminated safety glass 15. insulated steel curtain wall frame fixed to I beam
- 16. aluminium capping lapped over insulation

# | 1:20 DETAIL SECTION MODEL

The 1:20 detailed model shows the wall, floor and ceiling build up of one of the apartments aswellas the tirered seating connection between two floors.

Referencing details on page 21 and Detail 1, 2 and 4 on page 28



#### DESIGN ITERATIONS THROUGH **ENVIRONMENTAL ANALYSIS**

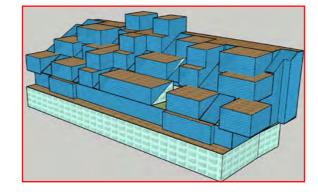
#### Testing glazed north and south facades

#### Energy use and running costs



Through initial calculations we found the large amount of glazing used throughout the building caused the spaces to be 'mostly overlit'

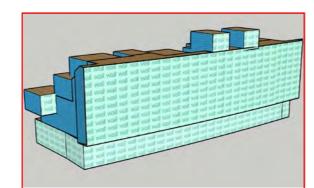
The ground floor of the film school will be classified as underlit, this is acceptable do to the dark spaces required for the film studio and editing suites



#### Testing solid north facade and glazed south facade



The amount of underlit spaces has more than doubled meaning a glazed north facade is required to allow natural light into the atrium of the building and prevent a large amount of underlit spaces

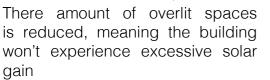


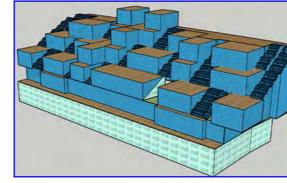
There is still a large amount of overlit spaces, meaning design alterations will be required on the glazed south facade

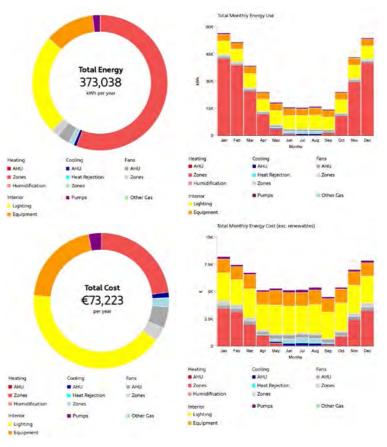
Testing horizontal solar shading on the north facade, fritted glass on the south facade of apartments and perforated stairs as a solar shading device on the angled glass used on the south facade



The amount of underlit spaces has reduced, the building is well throughout

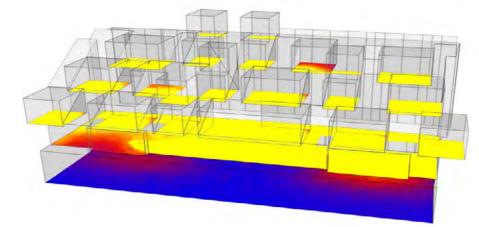






#### **Daylighting Visualisation**

Analysis created with Sefaira energy modelling software which shows the foot candles level of illumination on March 21st (Equinox). From this analysis we can clearly see that the building is well lit from the first to fifth (top) floors, providing adequate daylighting into all apartments. The ground floor (film studio) is underlit, however this is a deliberate design consideration due to the requirements for film studios and editing suites to control illumination level through artificial lighting.



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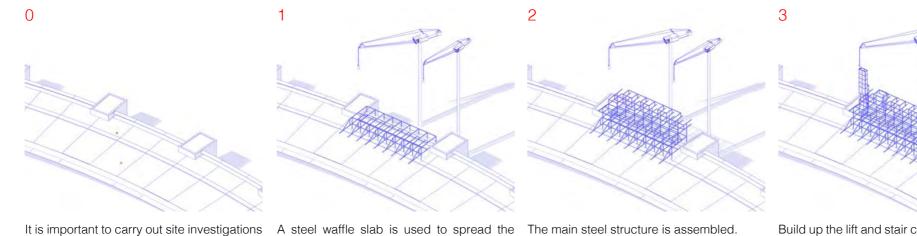
Unsurprisingly the largest energy use will be to heat the building, this was to be expected due to the large open glazed atrium as well as the large surface area of the building created through the stepping south facade

Surprisingly the largest energy cost will be in lighting the building, this could be due to the dark ground floor which is required for the film studios to only be lit by artificial lighting

Footcandle levels on March 21 at 9AM measured at 2.79 feet above the floor plate. Time does not take into account daylight savings time

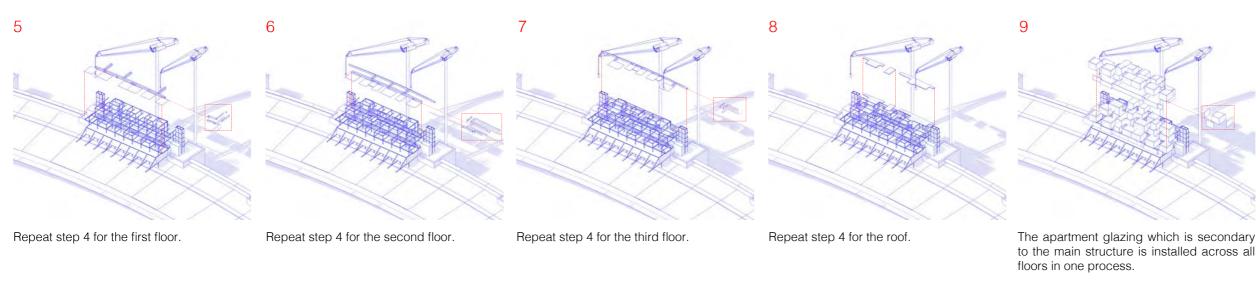
0	RIBA	been prepared on the bas maintaining, operating an	is of a Traditional Contract pro d using building projects into a n	been prepared by <b>Asher Bourn</b> ocurement route. The RIBA Plan number of key stages. The conte ice for the preparation of detailed	of Work 2013 organises the proc nt of stages may vary or overlap	ess of briefing, designing, const to suit specific project requireme	ructing, WWW.ID	aplanofwork.con ତ ମାଖ
RIBA Plan of Work 2013	0 Strategic	1 Preparation	2 Concept	3 Developed	4 O	5	6 Handover	7
Tasks 👢	Definition	and Brief	Design	Design	Design	Construction	and Close Out	In Use
Core Objectives	Identify client's Business Case and Strategic Brief and other core project requirements.	Develop Project Objectives, including Quality Objectives and Project Outcomes, Sustainability Aspirations, Project Budget, other parameters or constraints and develop Initial Project Brief. Undertake Feasibility Studies and review of Site Information.	Prepare Concept Design, including outline proposals for structural design, building services systems, outline specifications and preliminary Cost Information along with relevant Project Strategies in accordance with Design Programme. Agree alterations to brief and issue Final Project Brief.	Prepare Developed Design, including coordinated and updated proposals for structural design, building services systems, outline specifications, Cost Information and Project Strategies in accordance with Design Programme.	Prepare Technical Design in accordance with Design Responsibility Matrix and Project Strategies to include all architectural, structural and building services information, specialist subcontractor design and specifications, in accordance with Design Programme.	Offsite manufacturing and onsite Construction in accordance with Construction Programme and resolution of Design Queries from site as they arise.	Handover of building and conclusion of <b>Building Contract</b> .	Undertake In Use services in accordance with Schedule of Services.
Procurement *Variable Task Bar	Initial considerations for assembling the project team.	Prepare Project Roles Table and Contractual Tree and continue assembling the project team.			Design Team Stage 4 output issued for tender. Tenders assessed and Building Contract awarded. Specialist contractor Stage 4 information reviewed post award.	Administration of <b>Building</b> <b>Contract</b> , including regular site inspections and review of progress.	Conclude administration of Building Contract.	
Programme *Variable Task Bar	Establish Project Programme.	Review Project Programme.	Review Project Programme.	Review Project Programme.	Specialist subcontractor design work undertaken in parallel with Stage 5 in accordance with Design and Construction Programmes.			
(Town) Planning *Variable Task Bar	Pre-application discussions.	Pre-application discussions.	Pre-application discussions.	Planning application made at end of stage using Stage 3 output.	Planning conditions reviewed following granting of consent and, where possible, concluded prior to starting on site.			
Кеу	Establish the project team and assess core programme requirements. Identify a business strategy through discussions with the client.		Prepare concept design alongside the relevant structural design and building services outlined proposals. Agree and issue the final project brief.	Coordinated developed design including updated structural and building services proposals. Provision of cost information and project strategies.	Technical design package providing detailed construction information. Including architectural, structural and services information alongside subcontractor specifications.	Realisation of building construction on site in line with the agreed construction programme.	Completion of building contract following inspection and handover of the building to the client.	Review of project performance including post-occupancy evaluation.
Information Exchanges (at stage completion)	Strategic Brief.	Initial Project Brief.	Concept Design including outline structural and building services design, associated <b>Project</b> Strategies, preliminary Cost Information and Final Project	Developed Design, including the coordinated architectural, structural and building services design and updated <b>Cost</b> <b>Information</b> .	Completed Technical Design of the project.	'As Constructed' Information.	Updated 'As Constructed' Information.	'As Constructed' Information updated in response to ongoing client Feedback and maintenance or operational developments.
UK Government Information Exchanges	Not required.	Required.	Required.	Required.	Not required.	Not required.	Required.	As required.
Programme Duration	2 Weeks	6 Weeks	8 Weeks	10 Weeks	10 Weeks	40 Weeks	2 Weeks	

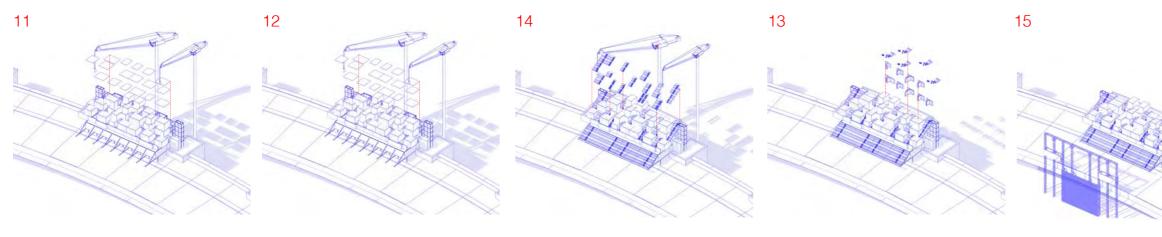
#### **BUILDING CONSTRUCTION SEQUENCE**



to determine the ground type and the load of the new build evenly across the roof existing structure and calculate whether of the existing building, thus avoiding any the existing foundations and structure of point loading. the building are strong enough to carry the additional weight of our construction. If not the existing structure foundations would need underpinning. (We can assume this isn't required for our project).

stability to the steel framework. These will and metal walkways across all floors, also allow construction workers easy access repeated across all floors from the ground throughout the building.





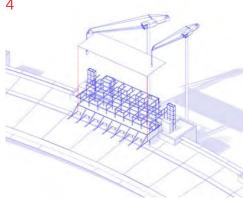
apartments once they are water-tight.

Screed finished flooring poured into Internal walls are assembled on site for Perforated metal tiered seating is attached Joinery and internal finishes/fixings Cinema screen is constructed as a Completed building ready for use. each apartment after the external envelope to main steel structure. is sealed.

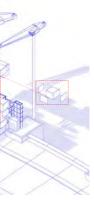
completed on site.

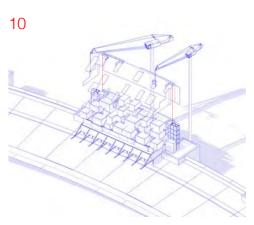
secondary structure, separate to the main building.





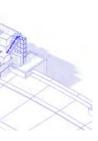
Build up the lift and stair cores to give lateral Install all of the pre-cast concrete elements floor to the top including the roof.

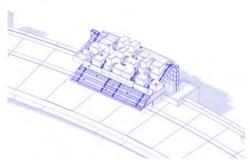




The apartment glazing which is secondary The curtain walling system and angled glazing is installed, thus making the building water tight.









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#### List of Illustrations

Figure 1: Schofmann. F, Tempelhof bunker fire damage, [date accessed 10.10.18] Available at: https://www. agefotostock.com/previewimage/medibigoff/d7f9fabe38c37d8b7dd5c2a8645d5a54/ibr-1695008.jpg?fb-clid=IwAR1aKPQoR57OGD2Gu8Gi-oha1HLHEr\_art3Ki3TcnkJIYzNMXsaliHAsBps

Figure 2: Tempelhof in 1945 following war damage

Figure 3: Schulz. M, Elbphilharmonie Glazing [date accessed 30.10.18] Available at: https://www.archdaily. com/802093/elbphilharmonie-hamburg-herzog-and-de-meuron

Figure 4: Baan. I, Internal view through matrix printed glazing [date accessed 30.10.18] Available at: https://www.archdaily.com/802093/elbphilharmonie-hamburg-herzog-and-de-meuron

Figure 5: Imperial War Museum North, internal view of airshard [date accessed 04.11.18] Available at: https://libeskind.com/work/imperial-war-museum-north/

Figure 6: Solar Radiation and Louvres [date accessed 10.11.18] Available at: https://www.coltinfo.co.uk/files/pdf/ UK/Shadoglass%20and%20Shadovoltaic%20solar%20shading%20systems.pdf

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#### Individual Reflection

Lorna: Upon reflection of our PS1 proposal I believe that we have responded to USE's design ethos of forming an individual concept based on a personal narrative that is born out of the site's history and potential. This is the core of our scheme which generates a unique building proposal, (film school and student accommodation) within the brief of House and Home, pushing the boundaries of a typical home by linking the living accommodation directly to the cinema screen.

It was an interesting challenge to combine the conceptual, experimental nature of USE as well as our personal ambitions for the project with the technical requirements of this module. Asher was particularly good at developing this aspect of the proposal through the detailed model, where we were able to experiment with transparency and realise our concept as every scale.

Asher: Looking back at the semester just gone I can see that Lorna and I employed the studio manifesto of unique concepts generated from the analysis of the site, it's current and historical context.

Our project is rooted in the history of temprihof Airport as it's function is inspired by a significant event from the 20th century.

USE promotion of team work allowed Lorna and I to combine our strengths to create a stronger body of work. Lorna's bold graphical presentation increased my appreciation of using colour and layout to present a story. My detailing and model making helped us realise a strong concept imaged by both of us into a closer state of realisation.