

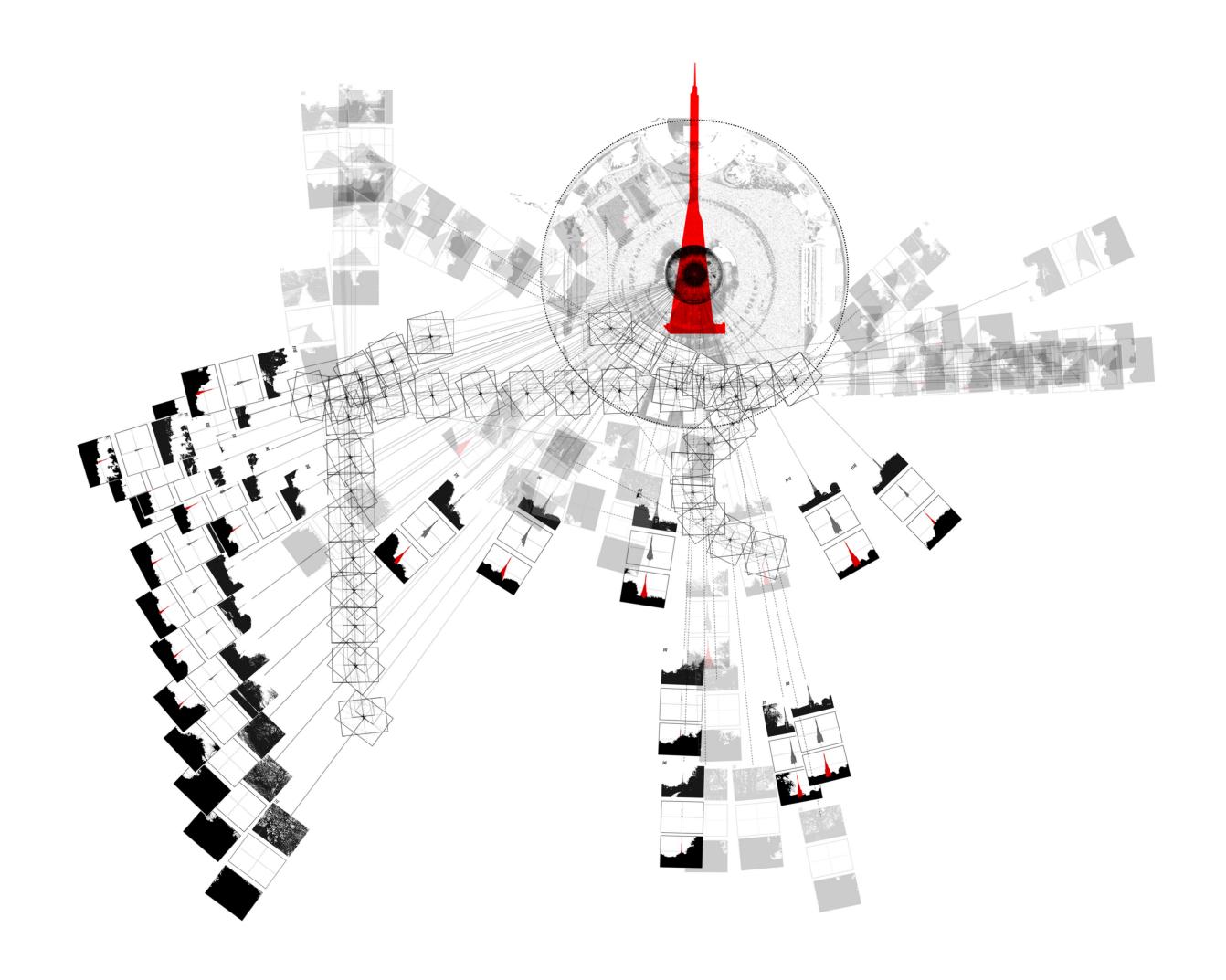
Contents

Part 1

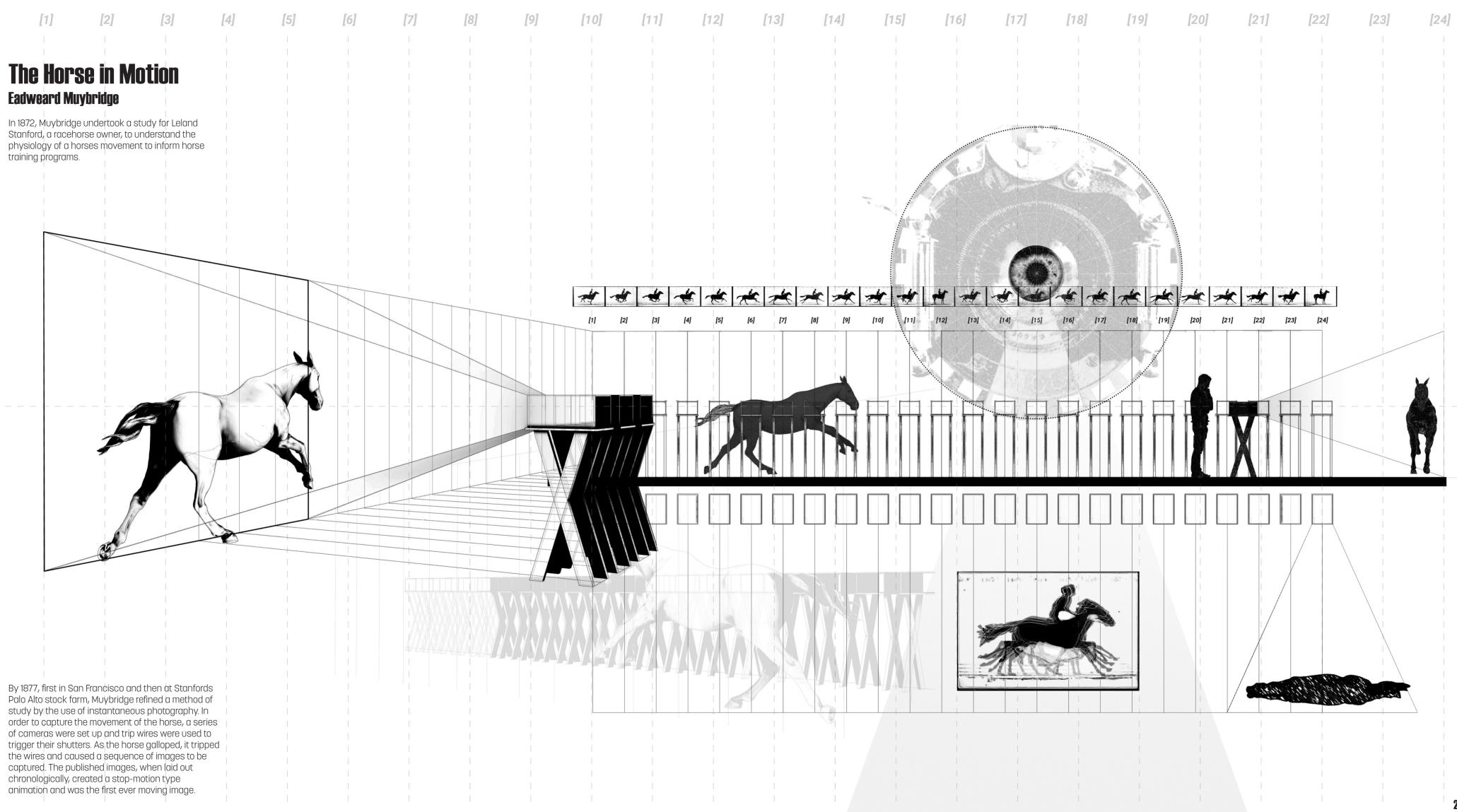
The horse in motion	-2
Study of motion	-3
Motion picture model	- 4-6
The spatial arts – film sets	- 7-9
A montage sequence	- 10-11
Alexandra palace	- 12-13
Vision through motion	- 14-21

Part 2

Independent filmmakers	- 23-24
Drawing system	- 25-26
Site plan	- 27
The beacon	- 28
The landscape	- 29-31
Step terraces	- 32-33
The sequence	- 34-47
Environmental strategy	- 48
Landscape sequence	- 49

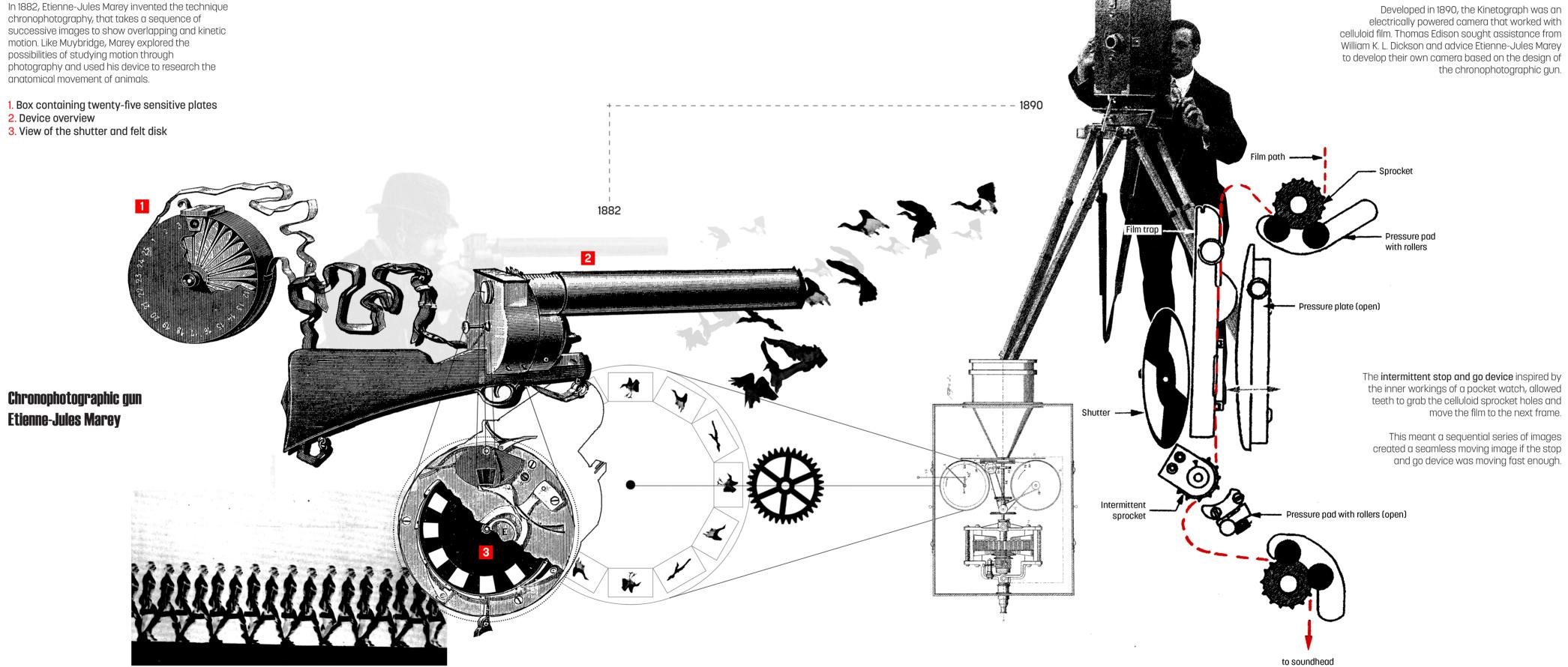


1



Study of motion

Chronophotographic gun & Kinetograph



Kinetograph

William K. L. Dickson

The projector **Motion picture** Concept model The concept explores many features of cinema. It continues the research into the mechanical nature

The screen

The film set – The film set explores the layering of 3D and 2D objects that are captured within the frame to

The frame – The frame captures and frames 3D

and 2D information to create a scene. The frame

determines the scene and the composition of the

The viewpoint – This is a chin rest for an individual to

view the layering of the screen, motion picture and

film set. This is set at the right distance at where the

frame lines up perfectly with the screen.

create a scene in cinema.

motion picture.

The motion picture

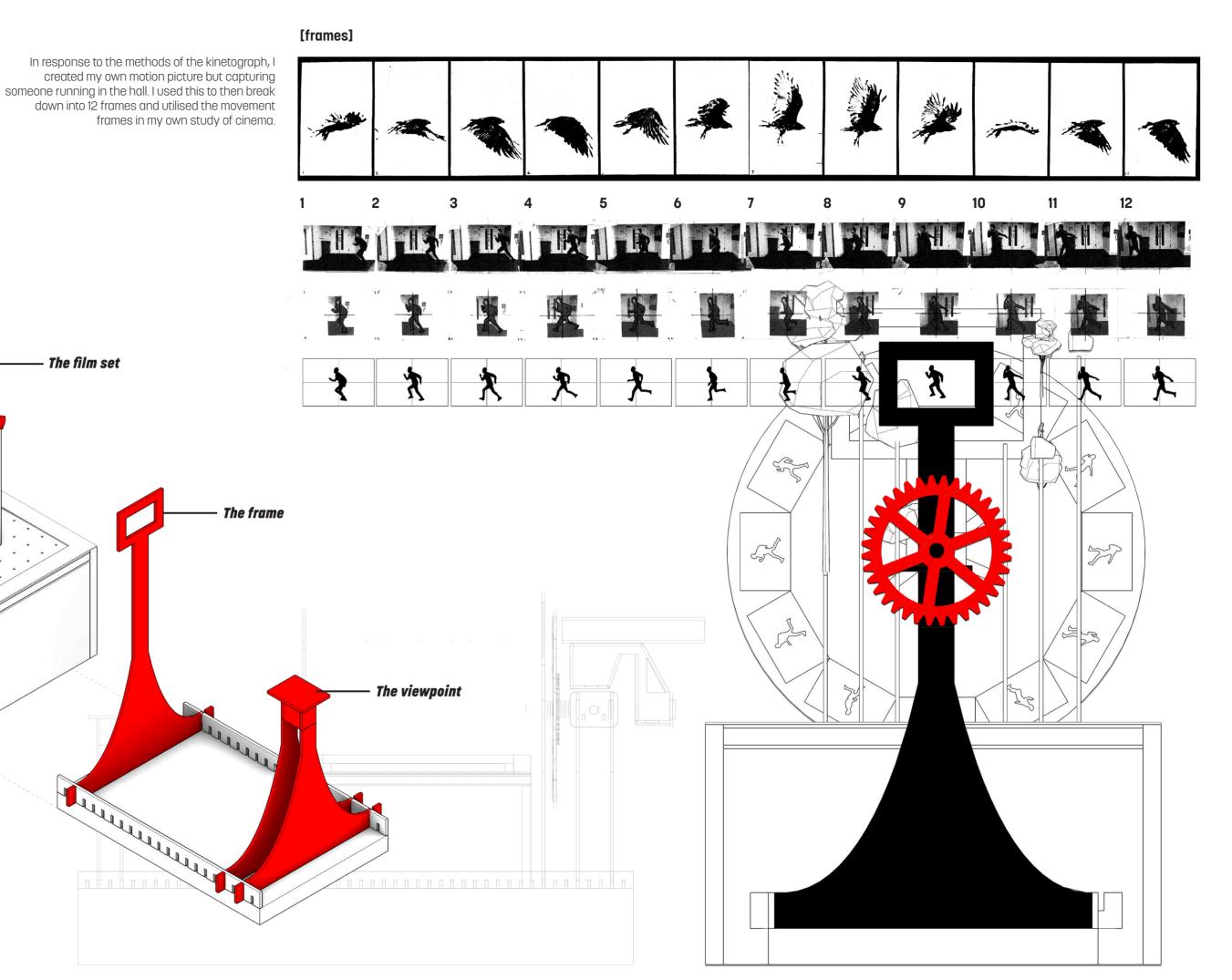
The film set

of the chronophotographic gun and kinetograph and the development of the frame.

The projector – Contains a flashing light and has been designed to respond to the barrel of the chronophotographic gun which directs the flashing light towards the individual movement frames.

The motion picture – This is a disk that contains all 12 frames created from our research of Muybridge and analysis of framing. We have designed a series of cogs that connect to a step motor and Arduino that drives the disk to spin. The quality of the motion picture depends on the speed of the spinning disk.

The screen – This is a piece of paper that contains the projection of the individual movement frames from the flashing light. As the disk spins, the flashing light acts as a intermittent stop and go machine to create a smooth motion picture.



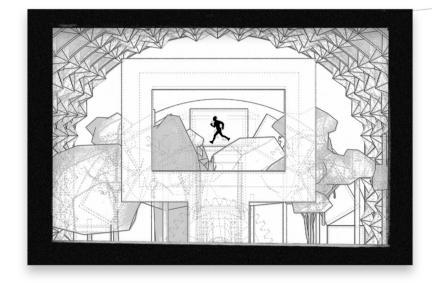


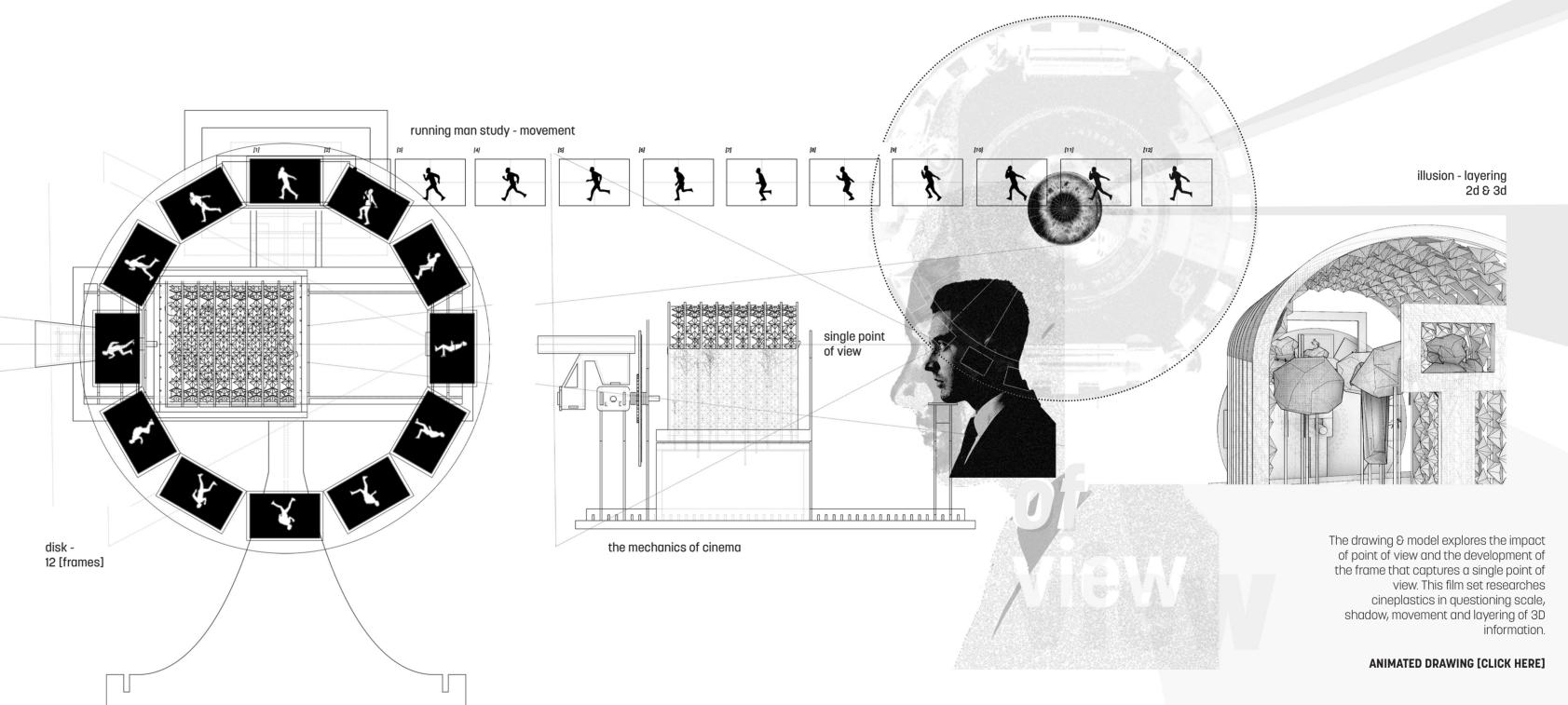
CONCEPT MODEL VIDEO [CLICK HERE]

perspective



single point of view [framing]

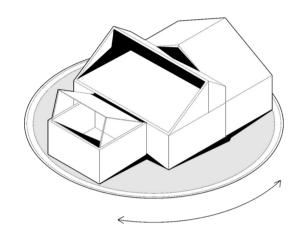


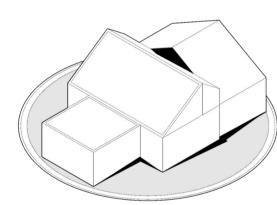


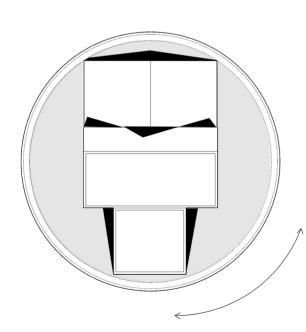
The spatial art - film sets

Black Maria, 1892 First film studio

Studio roof opened for sunlight illumination structured on a revolving pivot to be realigned with the sun. This was the studio of Thomas Edison where Dickson and Heise filmed over 75 motion pictures during 1894.





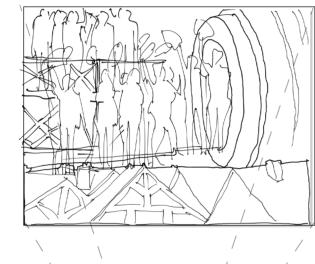


Trip to the Moon George Melies, 1907

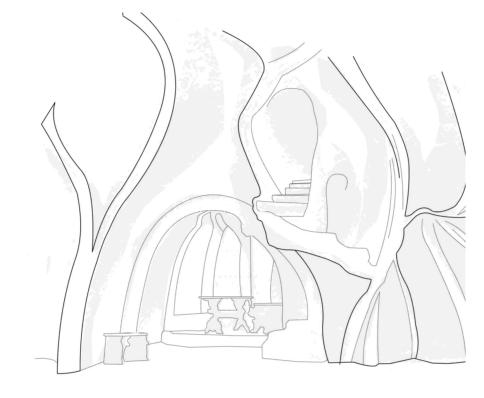
The eager participation of architects themselves in the enterprise. Ability to "construct" its own architecture in light and shade, scale and movement.

Sptial organisation of the studio - "the spatial art"



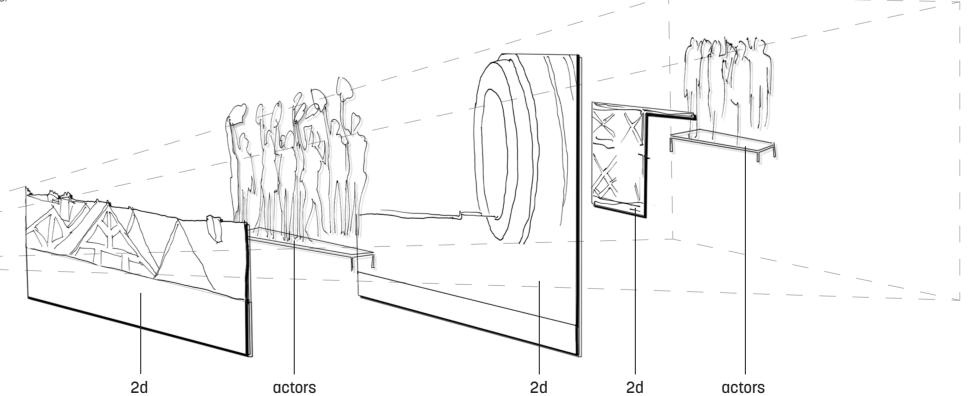


The Golem, Hans Poelzig & Paul Wegener's, 1917



Paul Wegener saw the possibilities in the cinema to easily change the point of view, to divide the screen and to superimpose reality and fantasy.

3D set - a concept foreign to motion picture up to that time - which forced the camera eye to view it obliquetly. Unexpected shift in street and winding stairs.



PLAYTIME Jacques Tati, 1967

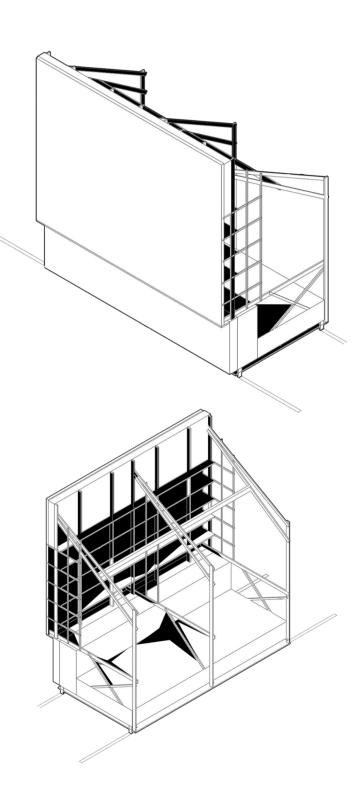


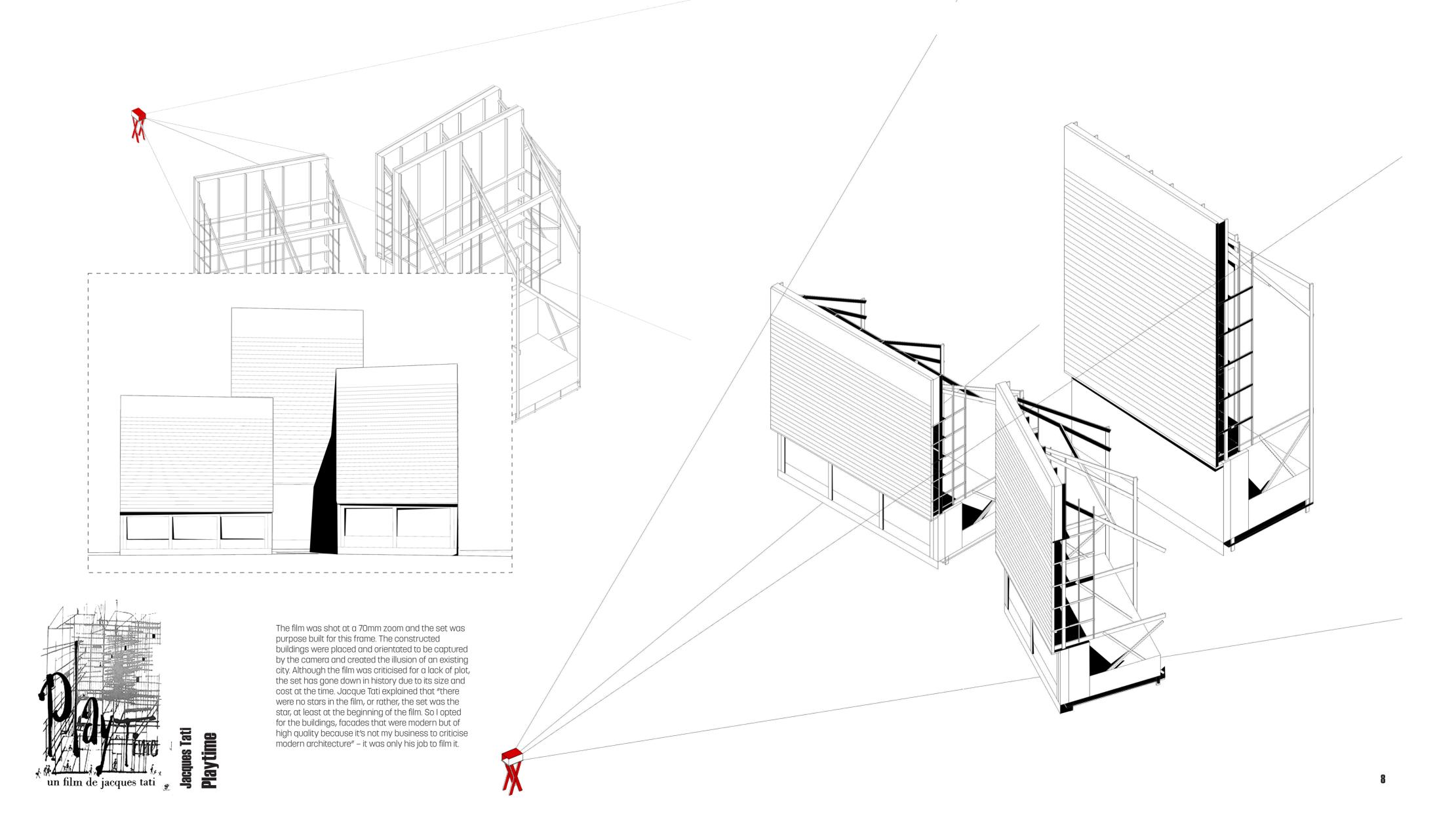
"Instant city"

Full city film set built to be moved and adjusted to fit the perspective of the camera frame.

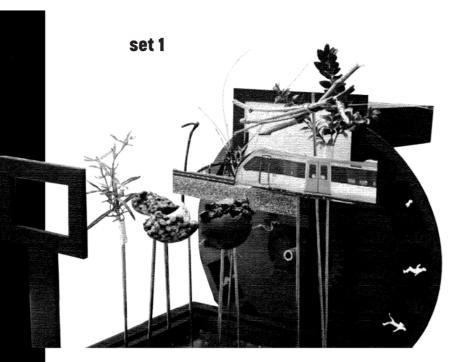
Constructed using steel and glass at enormous expense.

Filmed in medium and wide shots.

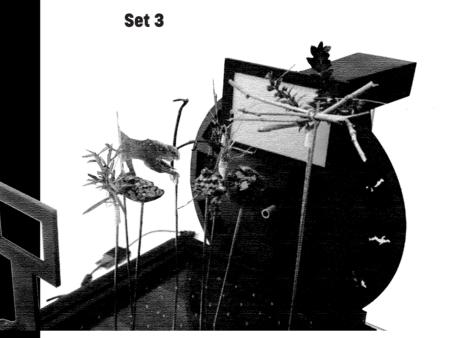




[scene 3]

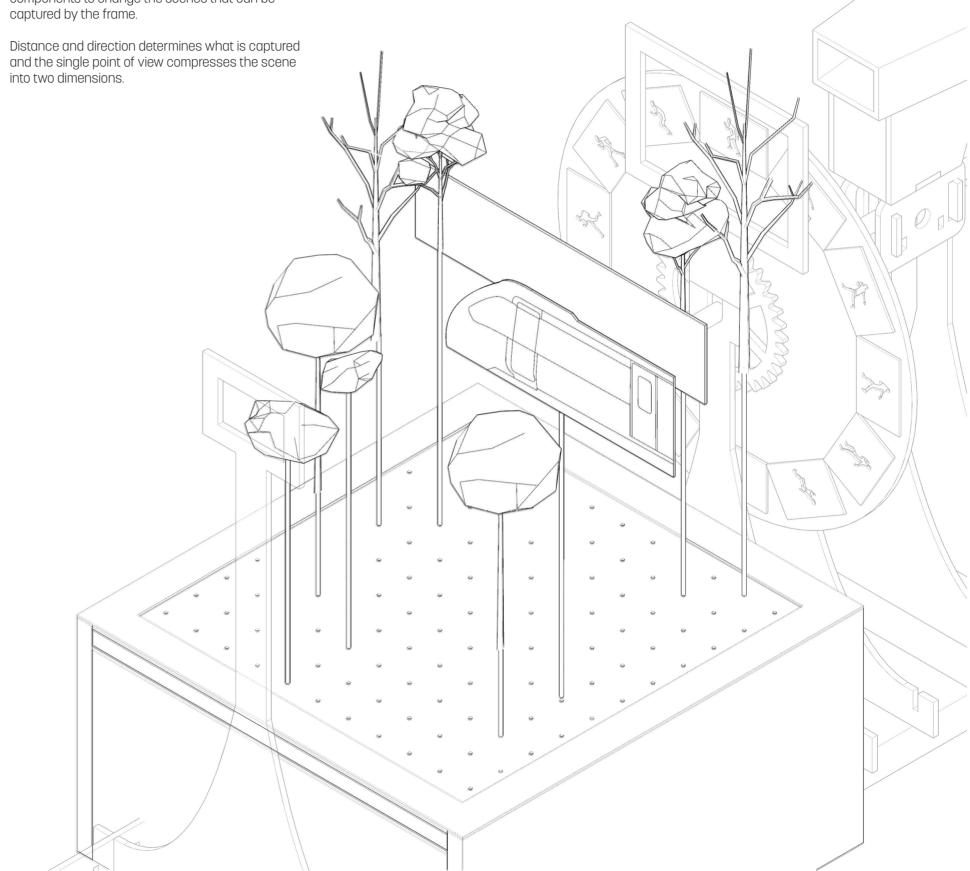






The film set Layering of 2D & 3D information

My exploration of film sets continues with the concept model produced early on. The model tests the layering of 2D and 3D information and was constructed so that we could replace and adjust components to change the scenes that can be captured by the frame.



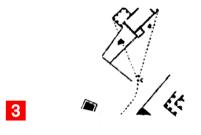
A montage sequence

"the sequential juxtaposition of shots"

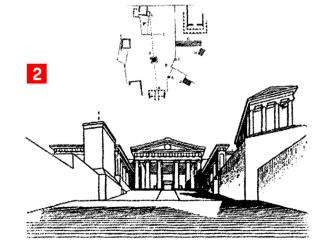


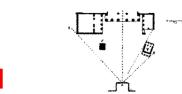






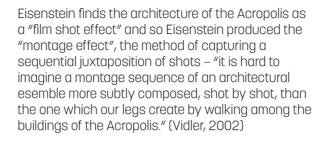


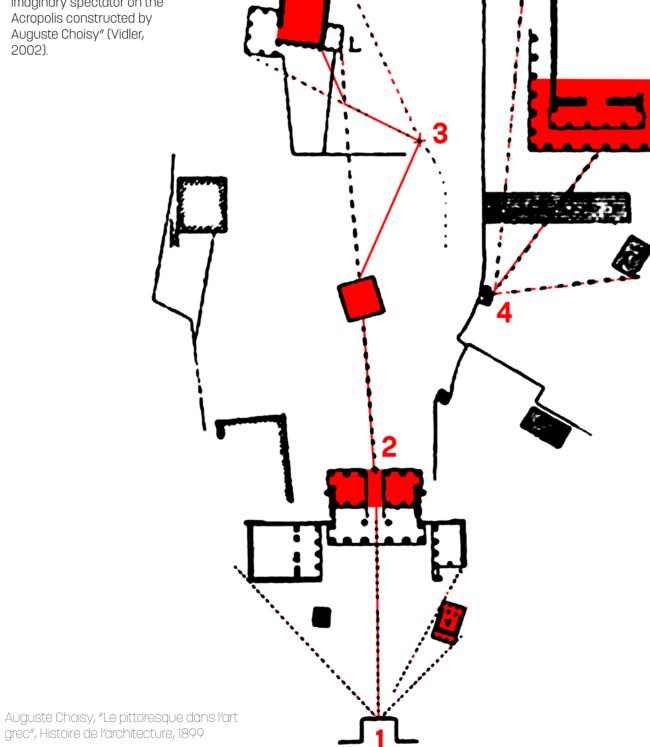


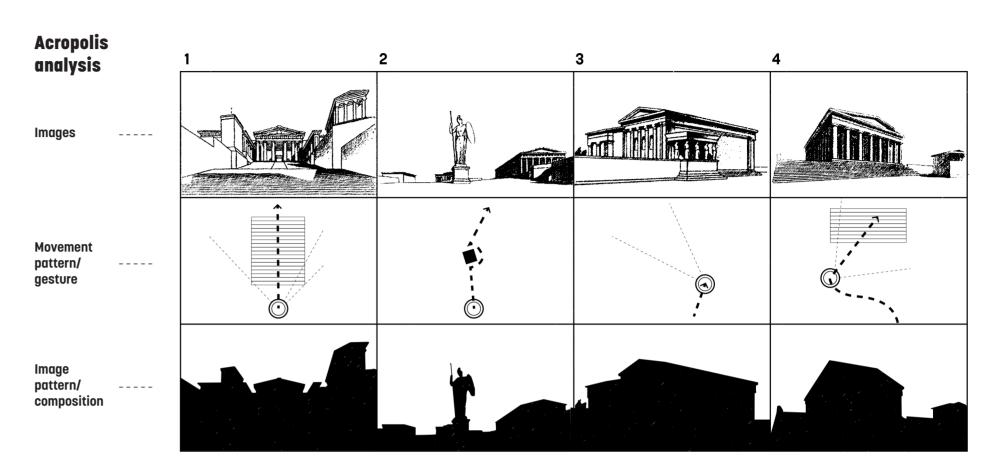


Sergei Eisenstein, former architect, "compares architectural composition itself to cinematic montage, an implicit 'flux of form'." (Vidler, 2002). He believes the rhythmic and harmonal positioning of architectural masses, in its assemble, follows the basis of cinematic montage.

Eisenstein was an admirer of architectural aesthetics of Le Corbusier and his research of "promenade architecturale: the successive perspective views of the movement of an imaginary spectator on the Acropolis constructed by Auguste Choisy" (Vidler, 2002).

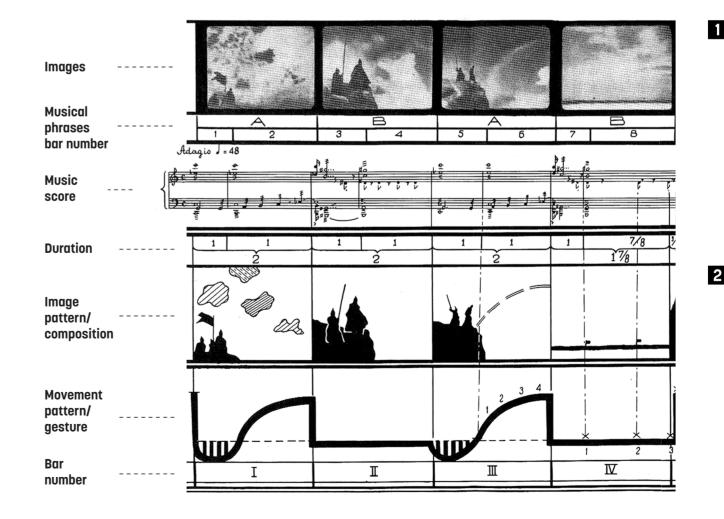






Sergei Eisenstein

Montage effect - movie script



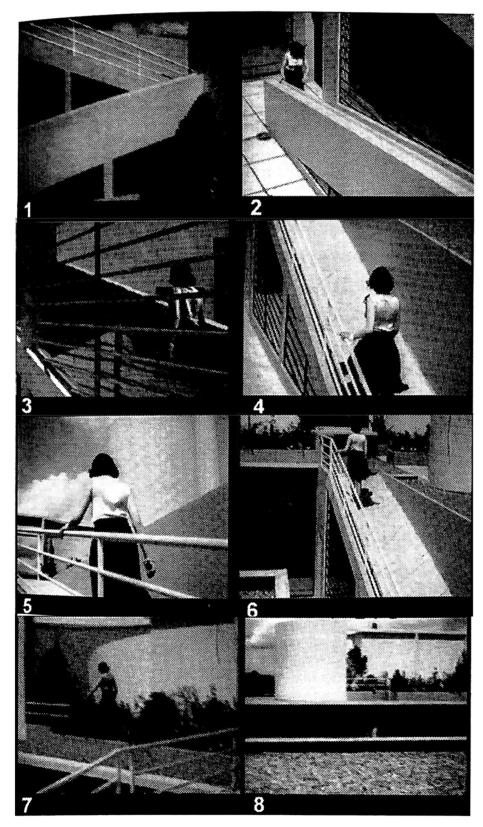




Architectural promenade

Le Corbusier

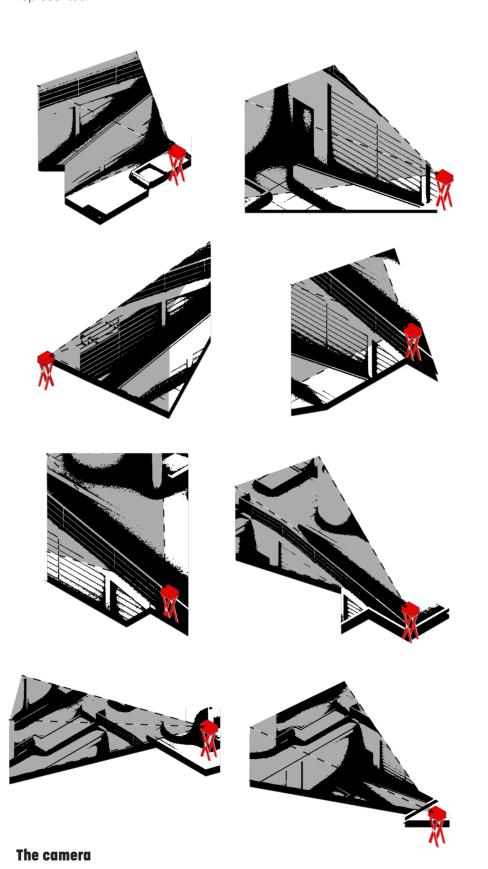
The architectural promenade is a term derived from the research of Le Corbusier and his idea of a controlled sequenced journey through space. The architecture becomes the device for this experience and the spectator takes a rhythmic dance through Corbusier's spaces.



Cinema

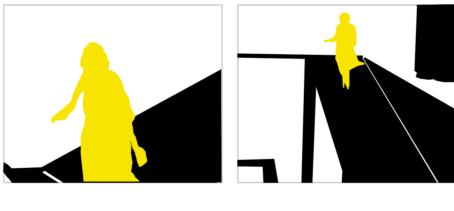
Architecture d'aujourd'hui. 1930 [Film]. Pierre Chenal. dir. USA: the journal Architecture d'aujourd'hui

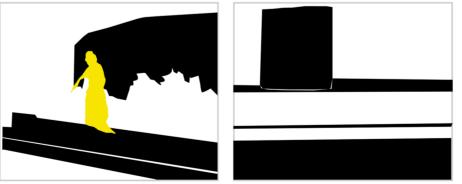
In 1930, the sequential nature of Le Corbusier's work was captured by the director Pierre Chenal in the short film Architecture d'aujourd'hui. Villa Savoye was used to describe point of view, light distribution and showing of space within modern architecture. Cinema was the medium of study and through its editing and camera positioning the space and form of Villa Savoye was represented.



"A movement sequence which purpose is to emphasise the ease of crossing the space from a place to another and to emphasise the new function of the roof which is also a terrace"

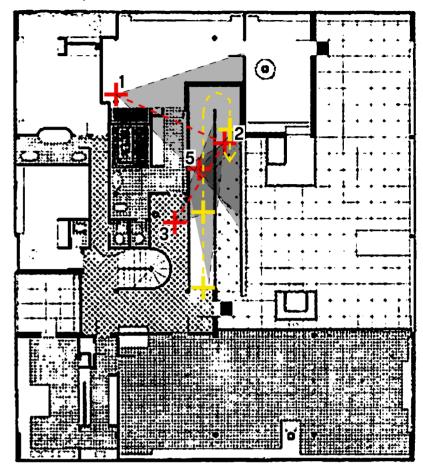




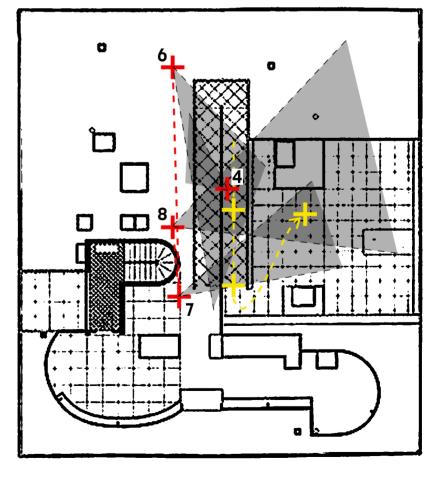


The form

First floor plan



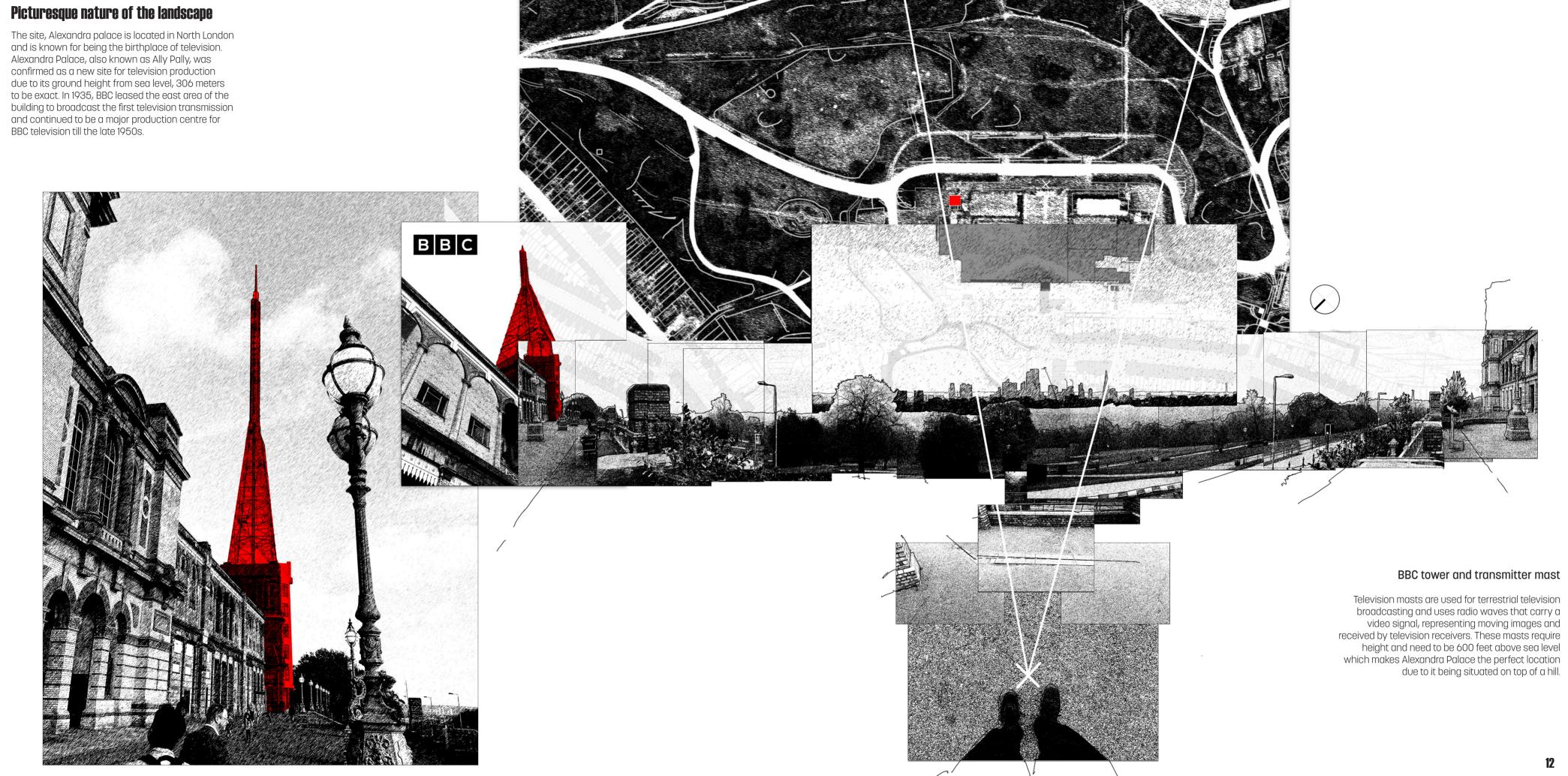
Ground floor plan

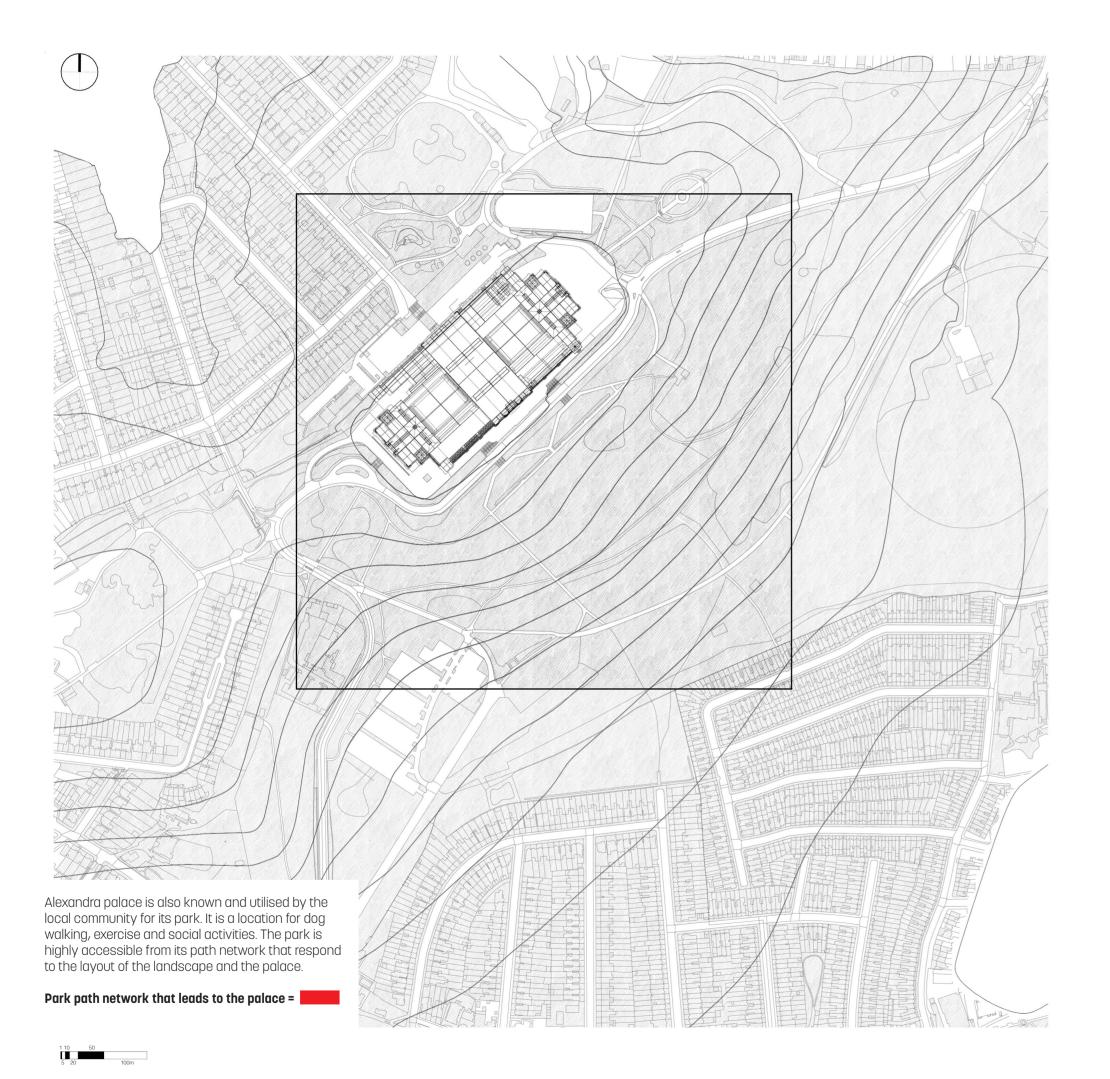


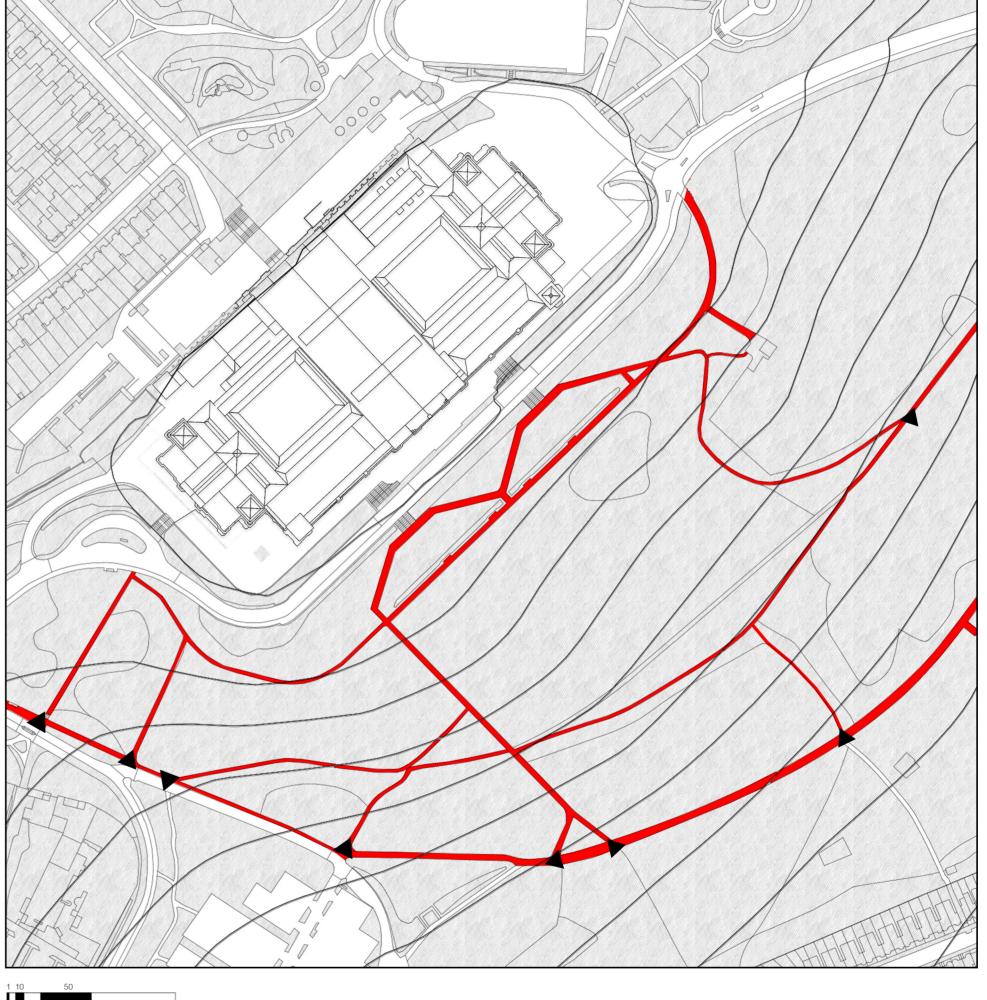
The plan

Alexandra Palace

building to broadcast the first television transmission







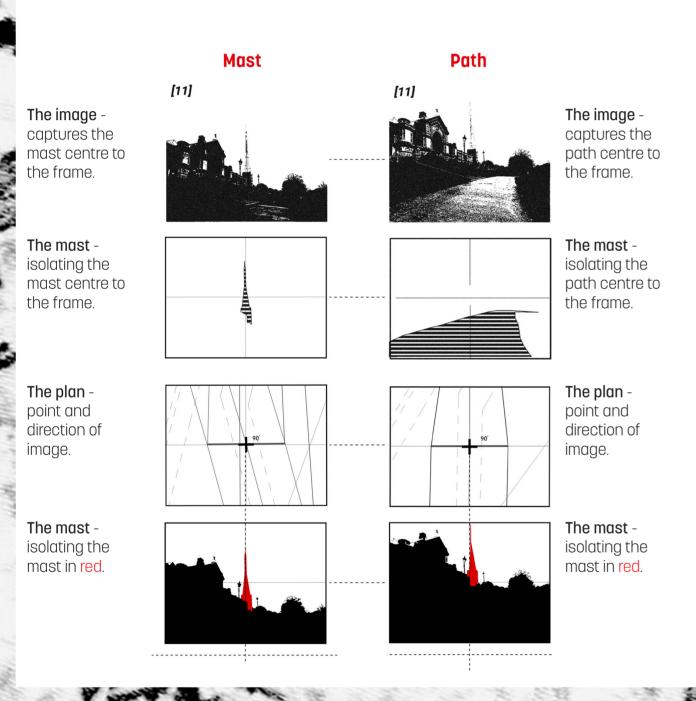
Vision through motion

Route 1, 2 & 3

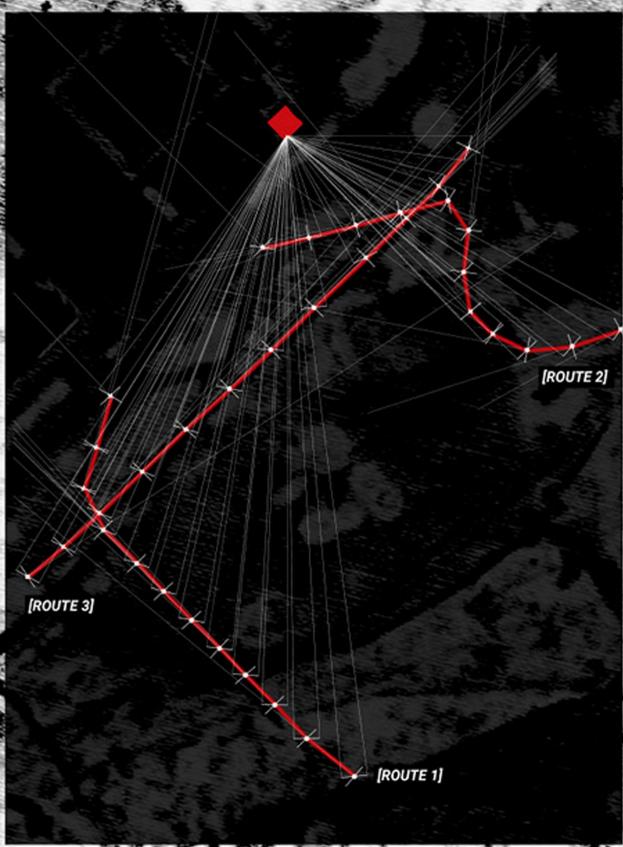
Erwin Panofsky - "Not only do bodies move in space, but the space itself does, approaching, receding, turning, dissolving and recrystallizing as it appears through the controlled locomotion and focusing of the camera and through the cutting and editing of the various shots" (Vidler, 2002).

Walter Benjamin - "As soon as we begin to find our bearings, the landscape vanishes at a stroke like the facade of a house as we enter it" (Vidler, 2002).

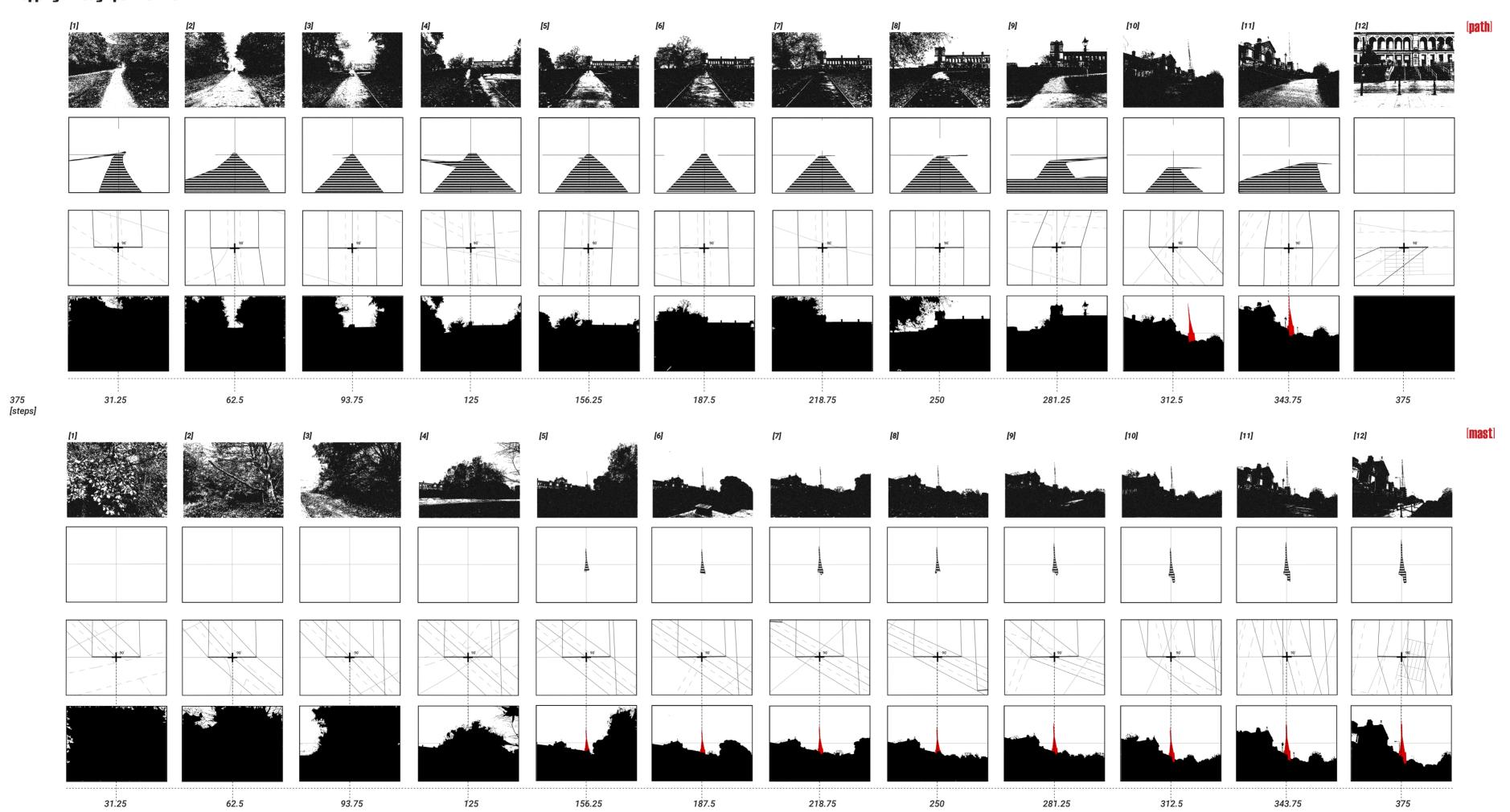
Path - language of the landscape Mast - finding our bearings

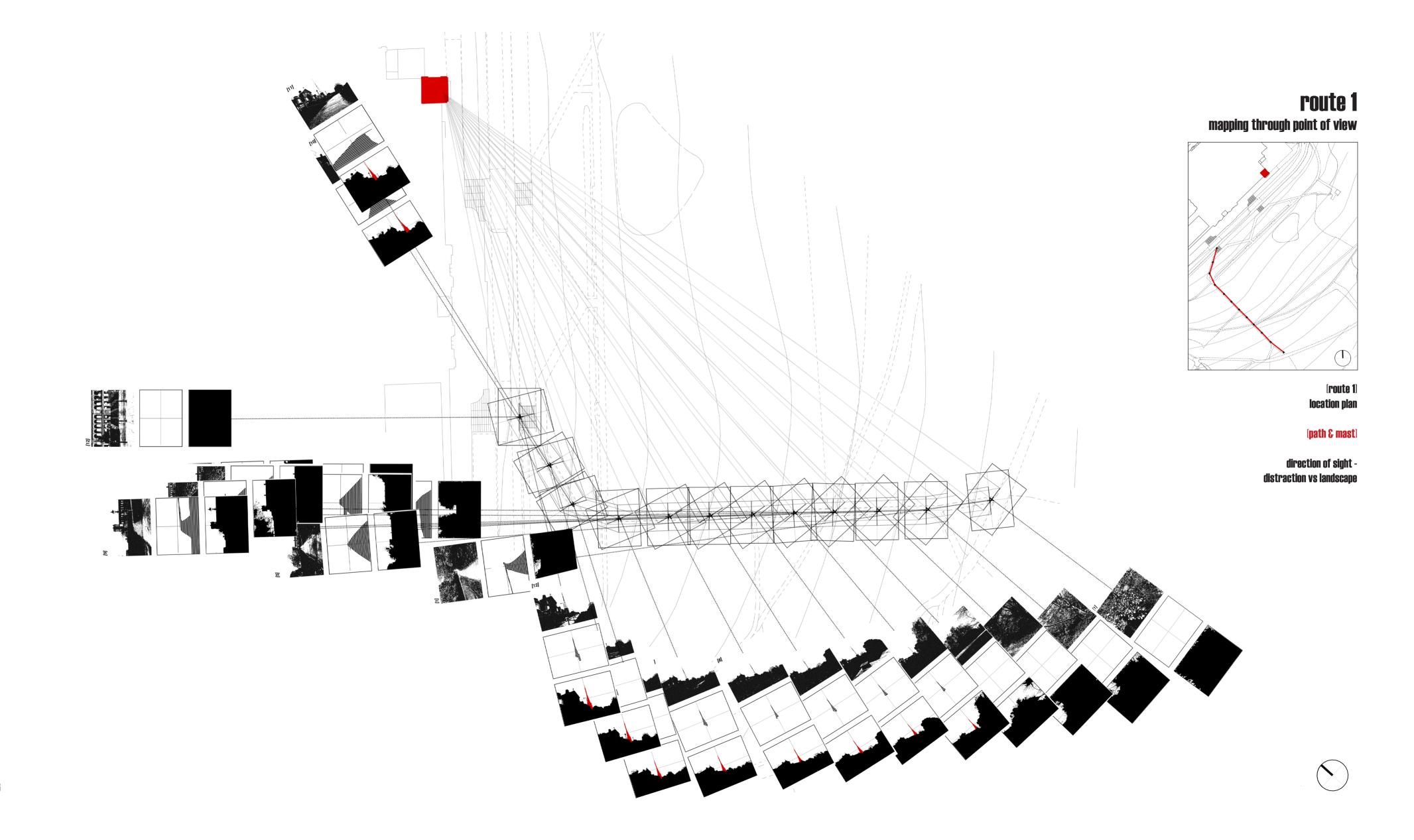




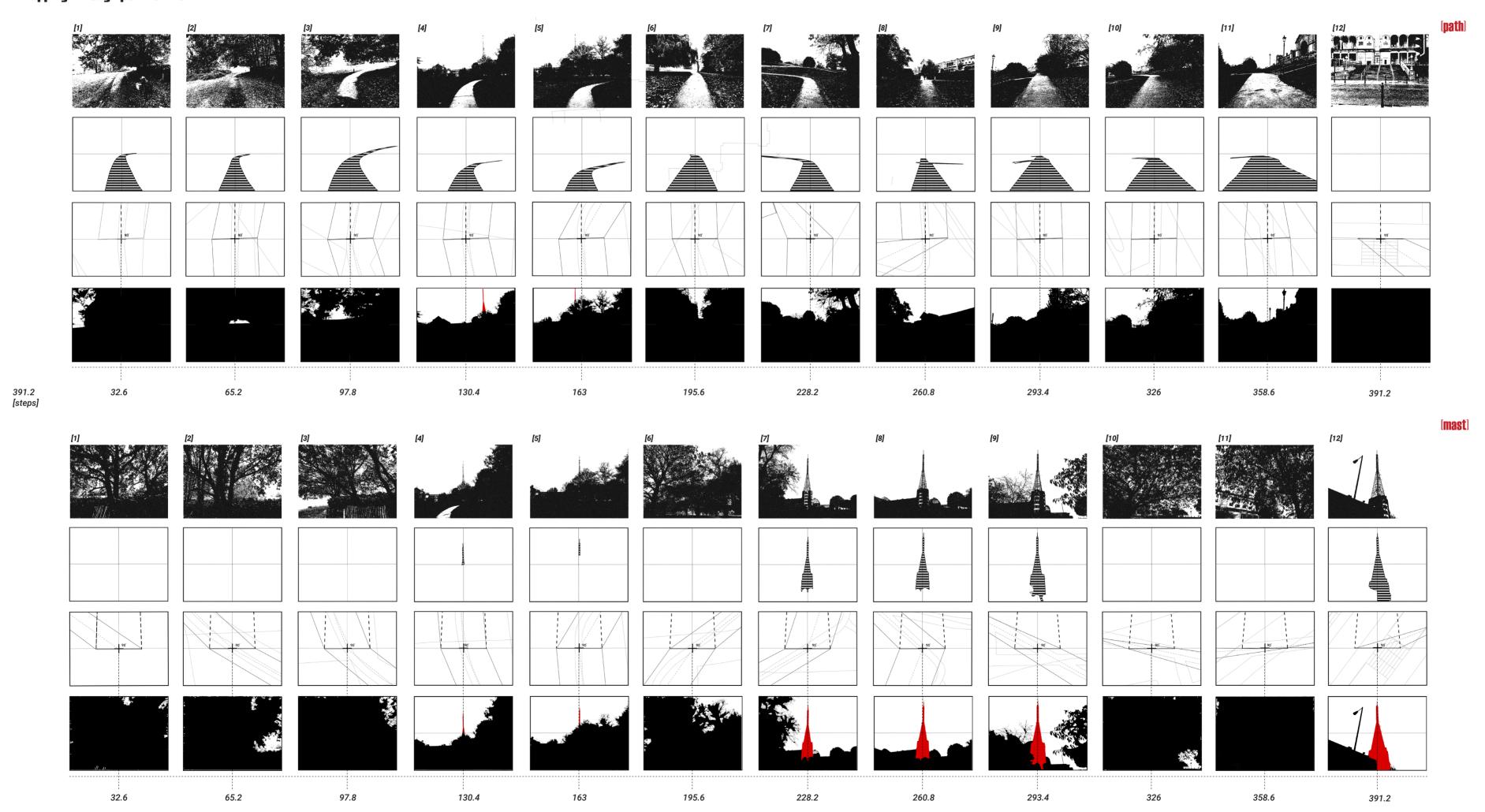


route 1 - mapping through point of view

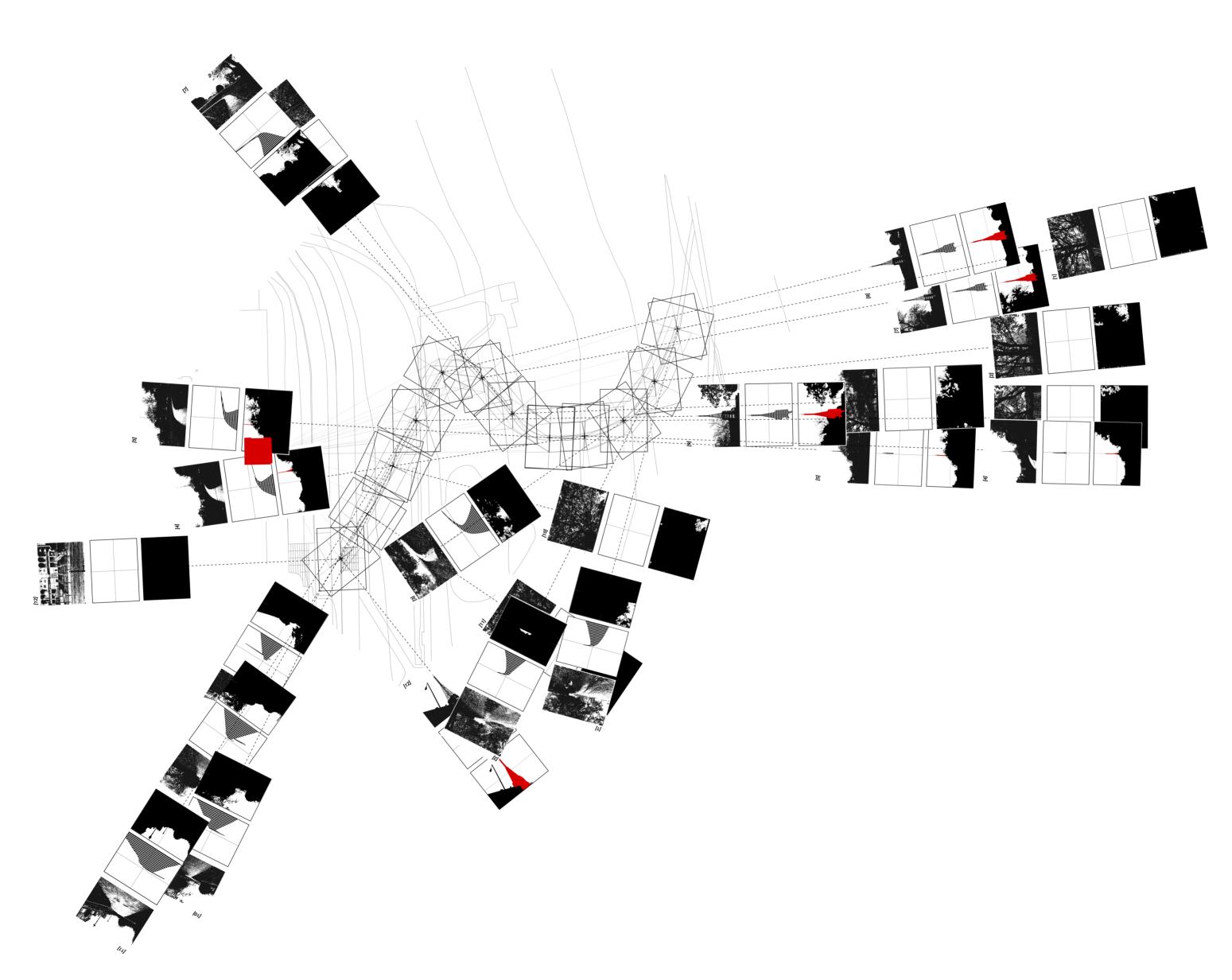




route 2 - mapping through point of view



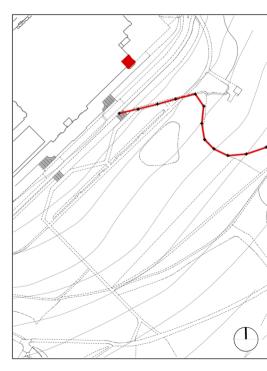
route 2
mapping through point of view



[route 2] location plan

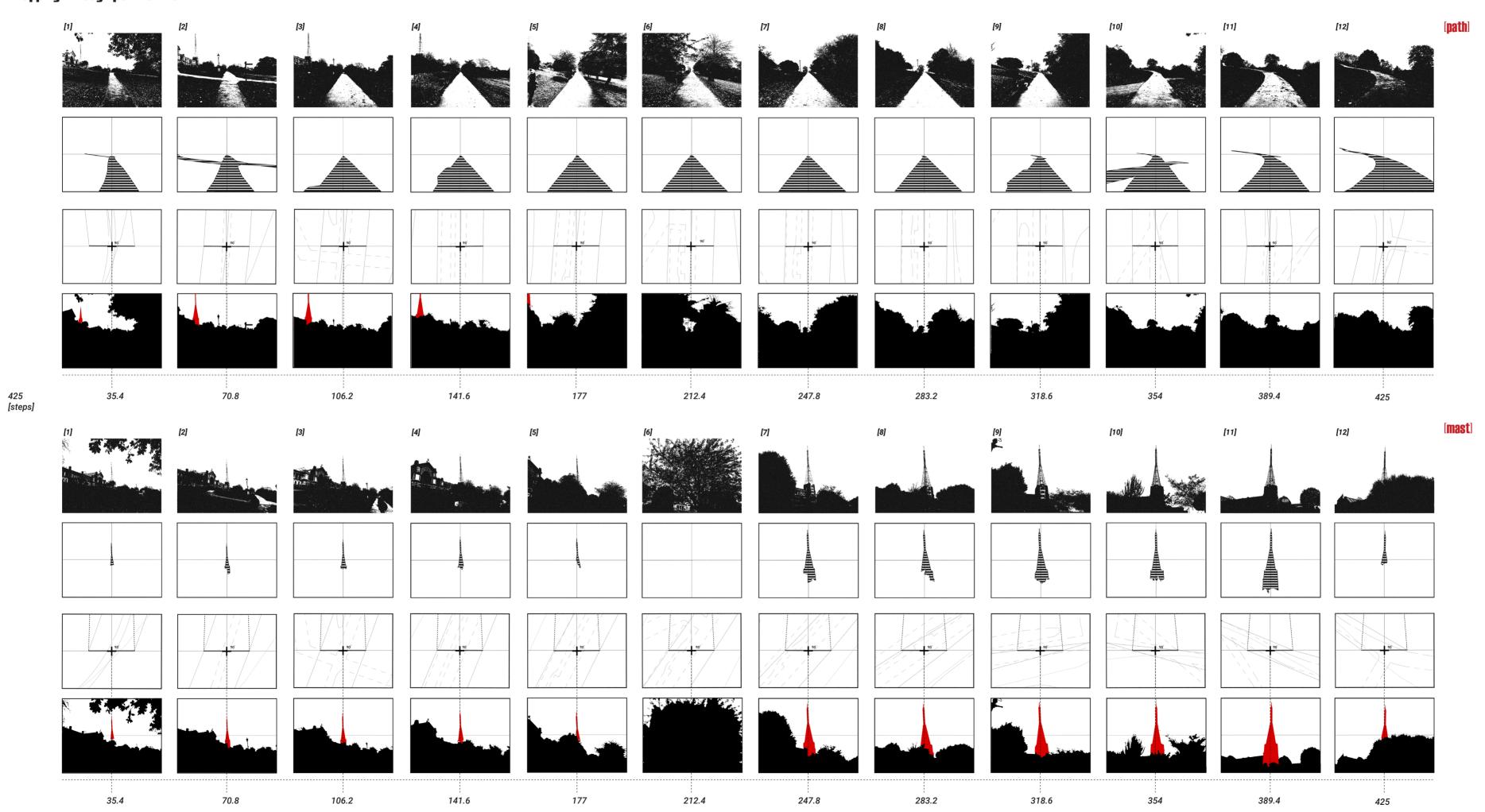
[path & mast]

direction of sight -



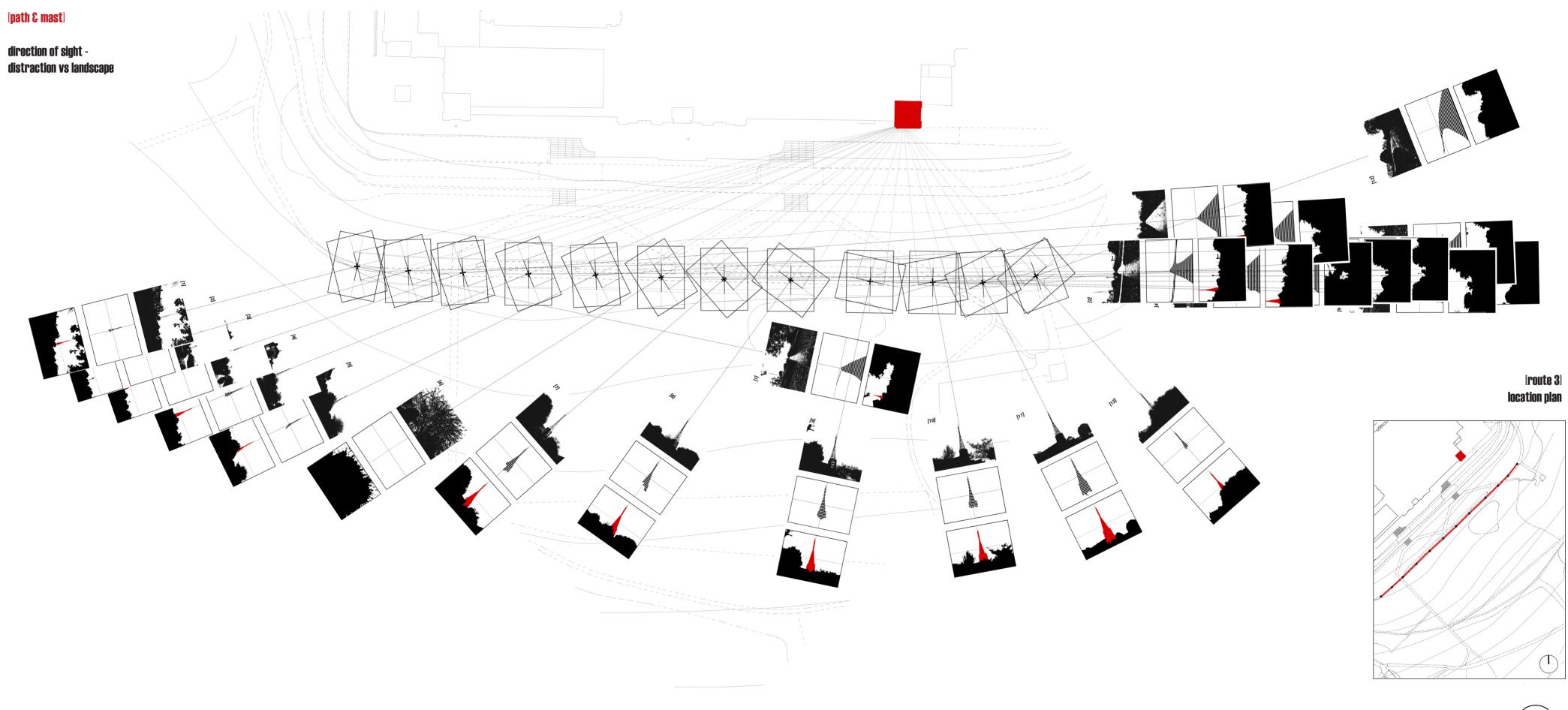


route 3 - mapping through point of view



route 3

mapping through point of view





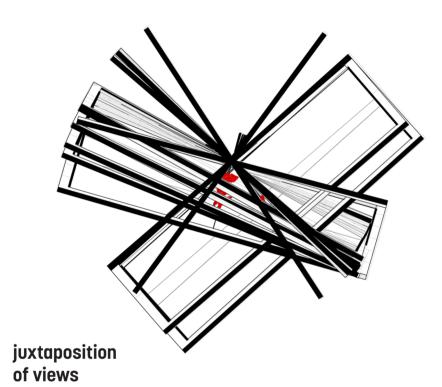
motion

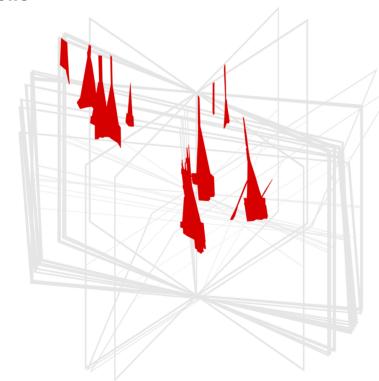
[path & mast]

direction of sight -

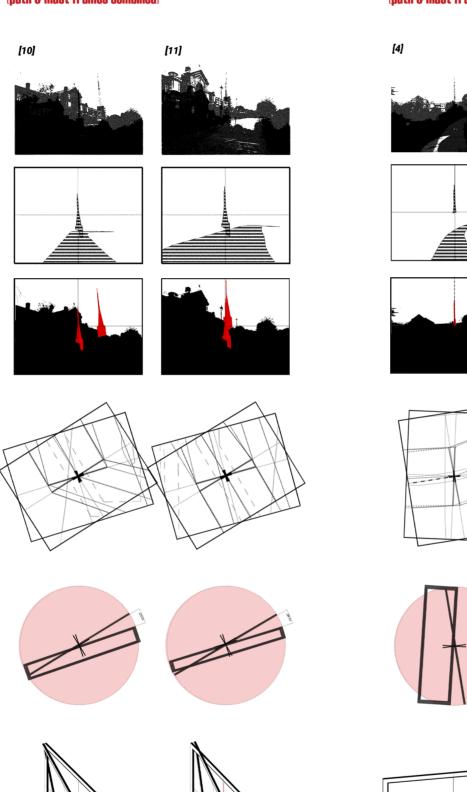
distraction vs landscape

Through montage we can analyse the juxtaposition of points of view between the language of the landscape and finding our bearings. In our pursuit of finding our bearings, we look away from the landscape.





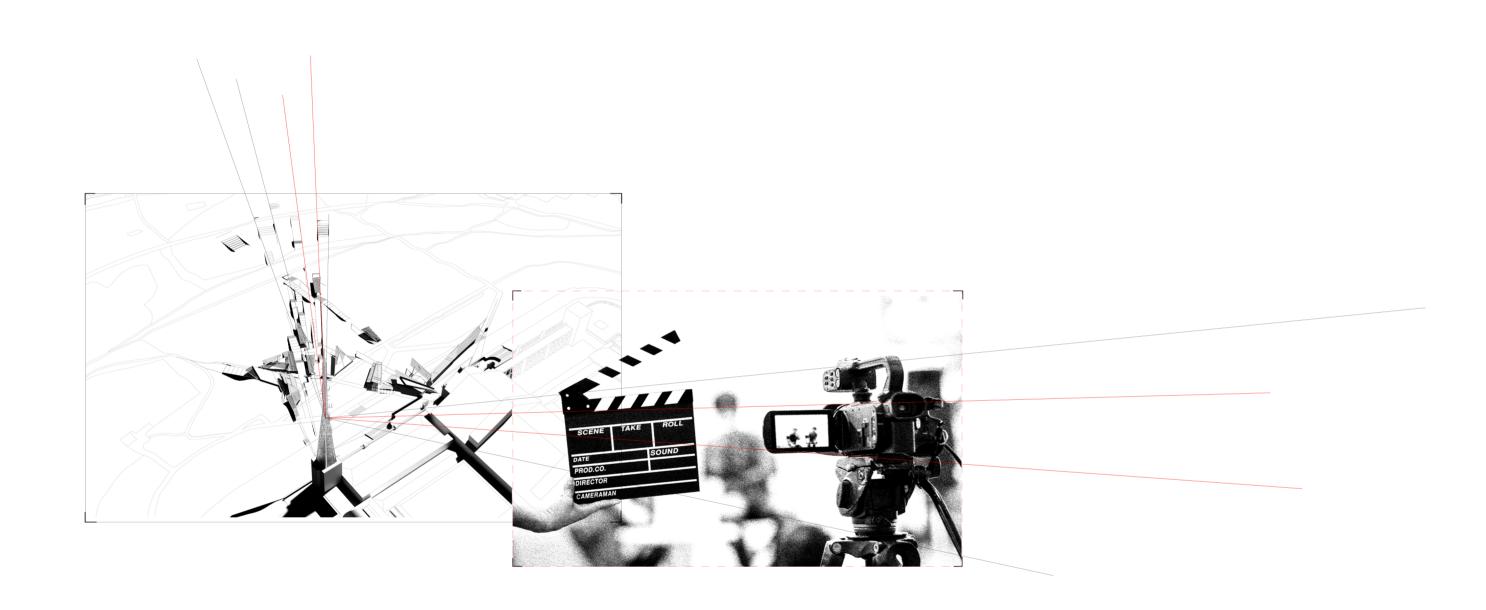
route 1 [path & mast frames combined]



route 2 [path & mast frames combined]

route 3 [path & mast frames combined]





Sets in motion:
The Independent
filmmaker facility





Thomas Edison 1894, 'Boxing Cats'











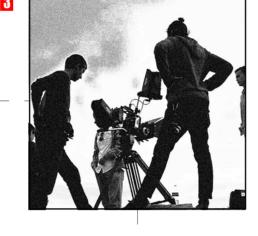


Independent filmmakers Small scale film production

Cinema grew into a big money making industry which therefore required vast numbers of film crew, huge budgets and large film studios. The big box office films therefore limited filmmakers ability to be creative, pushed low budget films away and reduced opportunities for practising filmmakers.

Problems independent filmmakers face:

- Small to no financial support difficult to raise funds
- Lack of equipment
- Lack of studio space with high quality acoustics and lighting
- High theft rate



Hire crew Cinematographer Assistant director 1st assistant camera Gaffer Sound recordist Production assisant



Shoot Maximise shoot days

Film production process

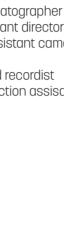
Independent filmmakers process

Due to the smaller funds and opportunity for

independent film makers, planning and preparation is

key. The process of producing a film requires delicate

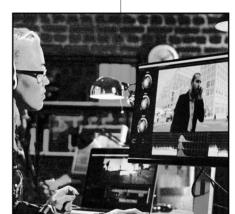
planning and shooting to maximise their budget.



Get your cast

needed

- Amount of actors



Post-production - Film editing





- to market the films to investers
- Recieve funds - Market



Market at film festival - Film festival events



Types of independent filmmaking content



Short film/ feature film



Podcast



Talk show/ tv show



Vlogging

Miniature film sets



Write script

Sort budget

cast, crew,

- Finance costs for

equipment, space &

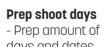
post-production



makeup etc







- days and dates - Length of shoot days
- Location - Props

Independent filmmakers

& their spacial needs

audio studios

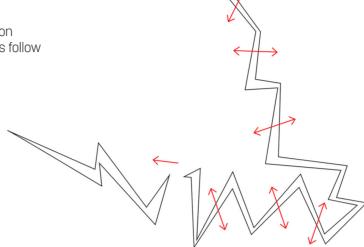
W/C

Cafeteria

My project will host the entire film production process with its facilities. From planning and budgeting to marketing at a film festival, this will all happen on the site. These spaces need to be linked and easily accessible. This diagram demonstrates how each space of the program could be linked and how the type of spaces could interact. I envision there to be multiple film studios that are linked with a central community space. Although the spaces will be closely situated, there will be more public and private spaces to provide different opportunities of light, views and privacy. It is key for certain spaces to be more closely located than others.

Horizontal continuity

- Easy access
- Journey of film production
- Access axis that spaces follow



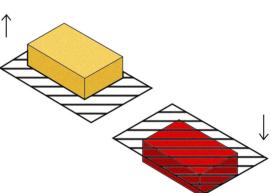
- Fully public co-working spaces and more private offices

Overground &

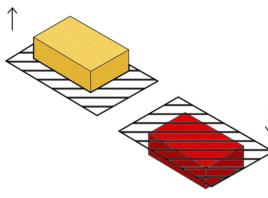
Design decisions

Public & private

- Studios to be underground to be able to control acoustics & lighting

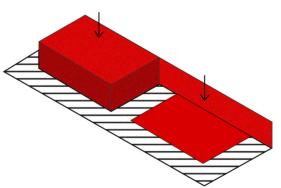


underground



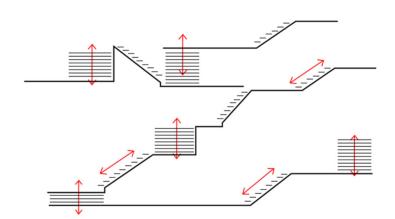
outdoor filming - Change of filming space for different filming scenes & environments

Indoor &

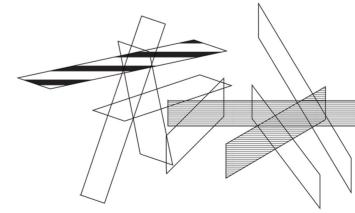


Vertical continuity

- Level changes
- Views across planes
- Step terraces



- Shifting planes
 Section & floor planes
 Geometry [shifting]
- Points of view



DEVELOPMENT DRAWINGS [CLICK HERE]

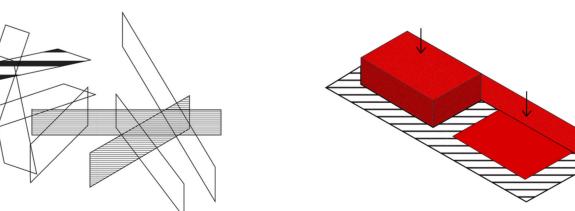
Central community space which the program expands from. This creates a continuity throughout the program.

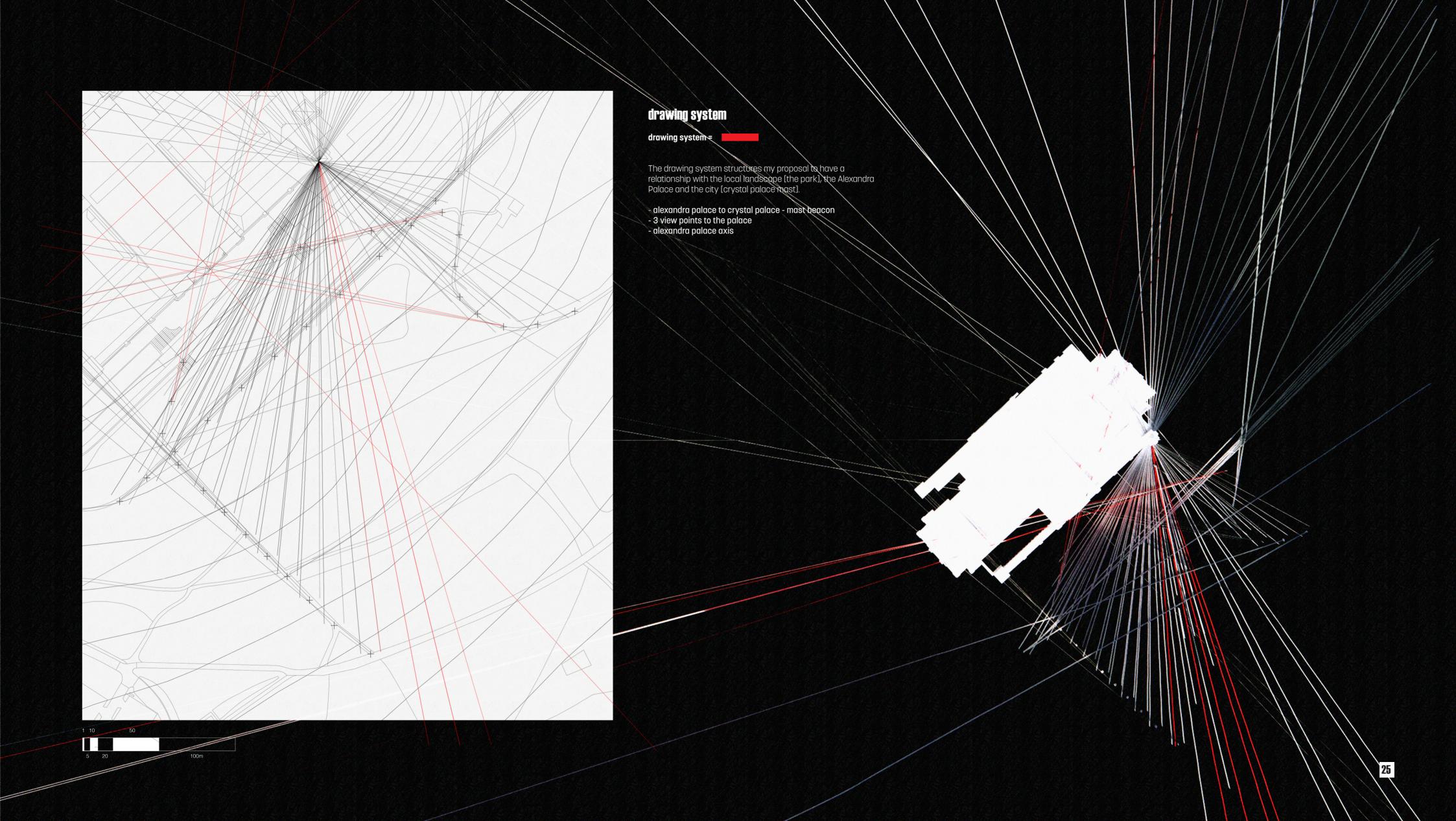
Film studios

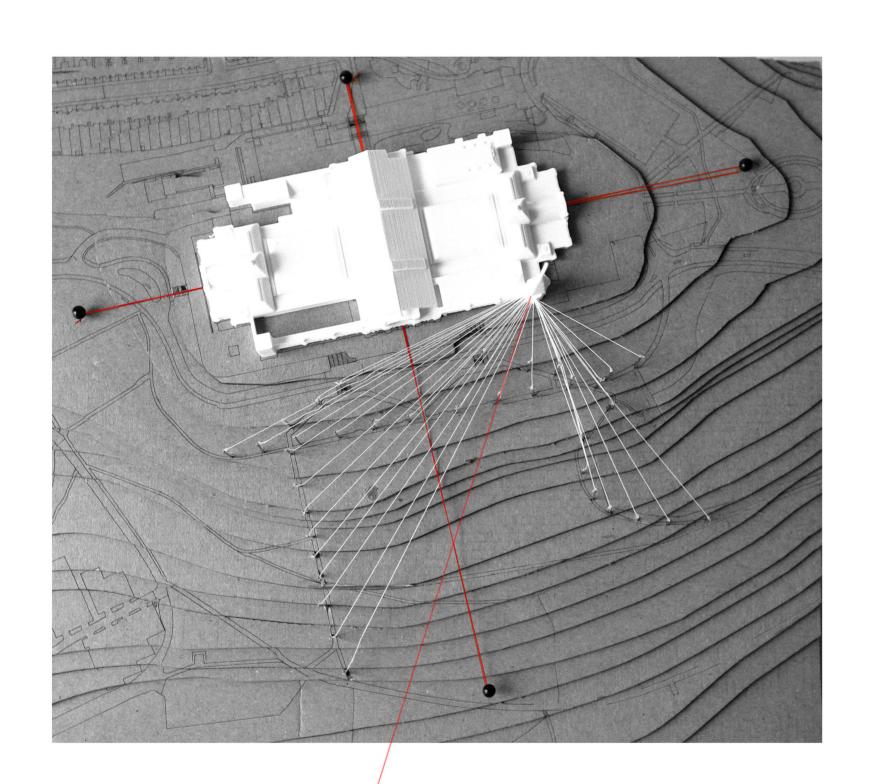
Chill out space

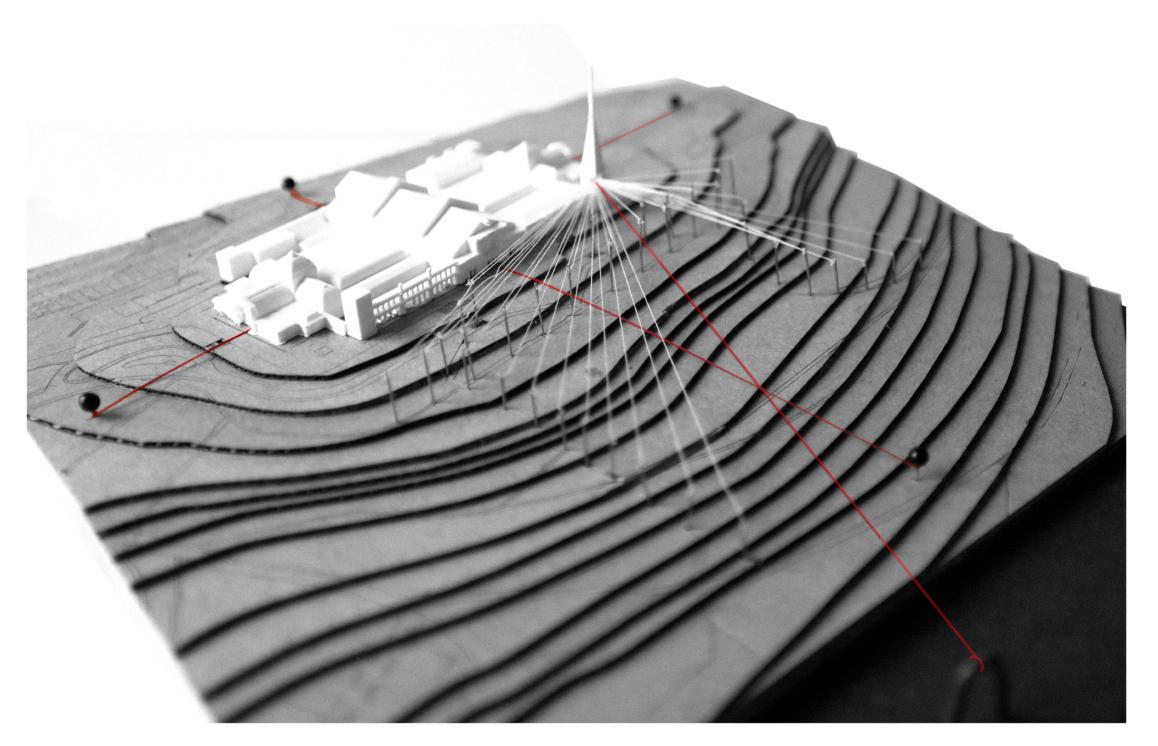
Equipment + prop storage

Post production & co production offices

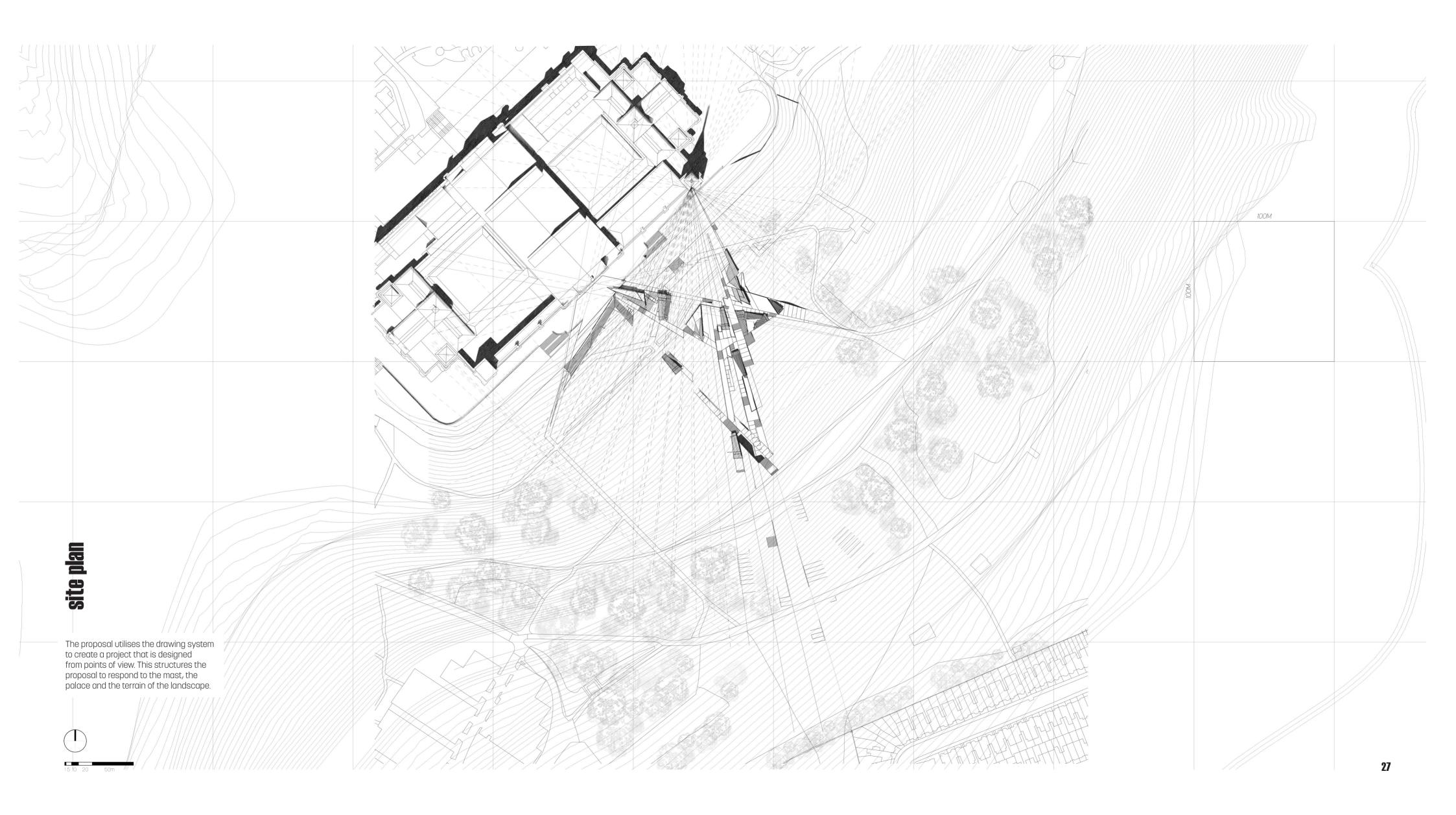


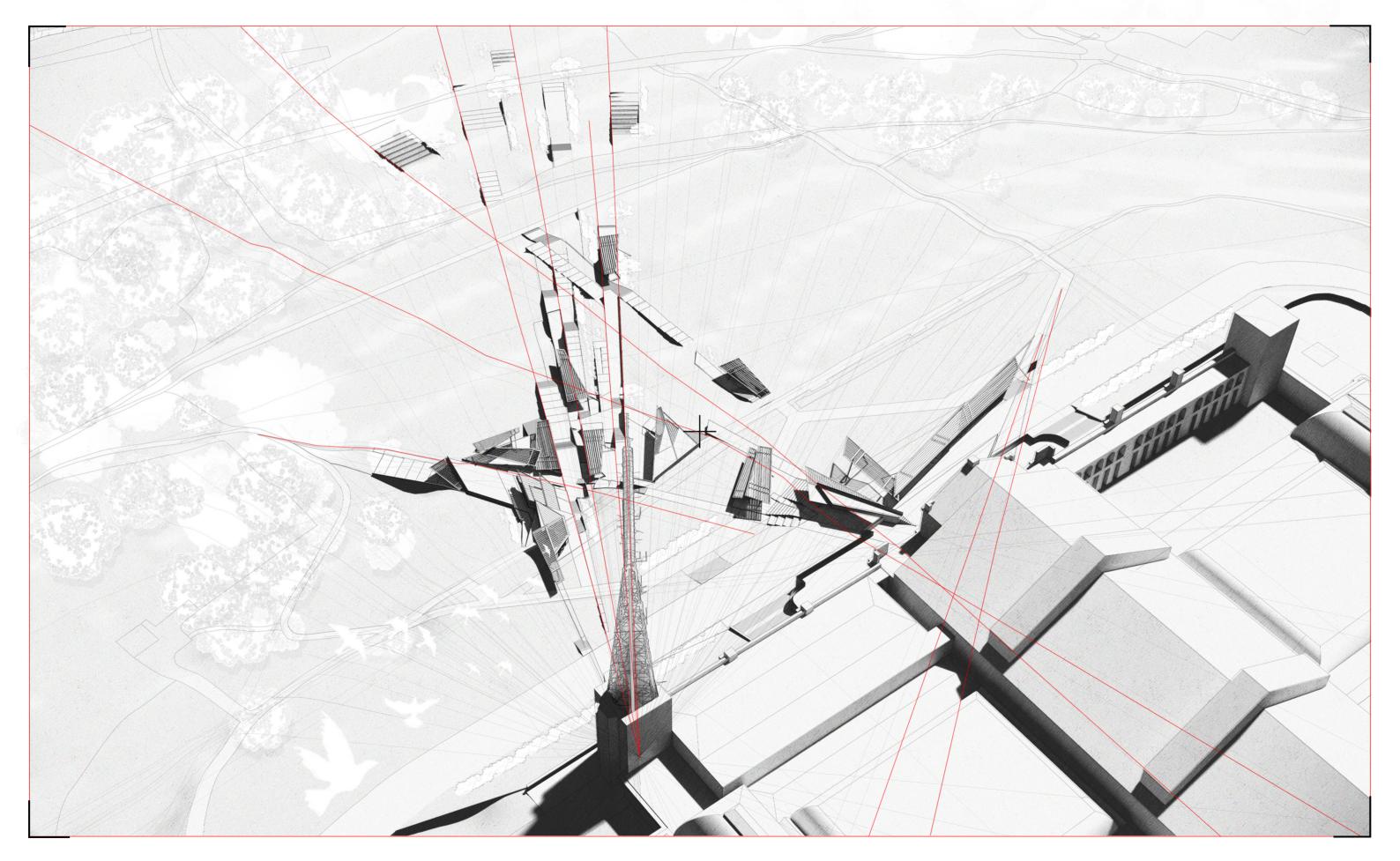




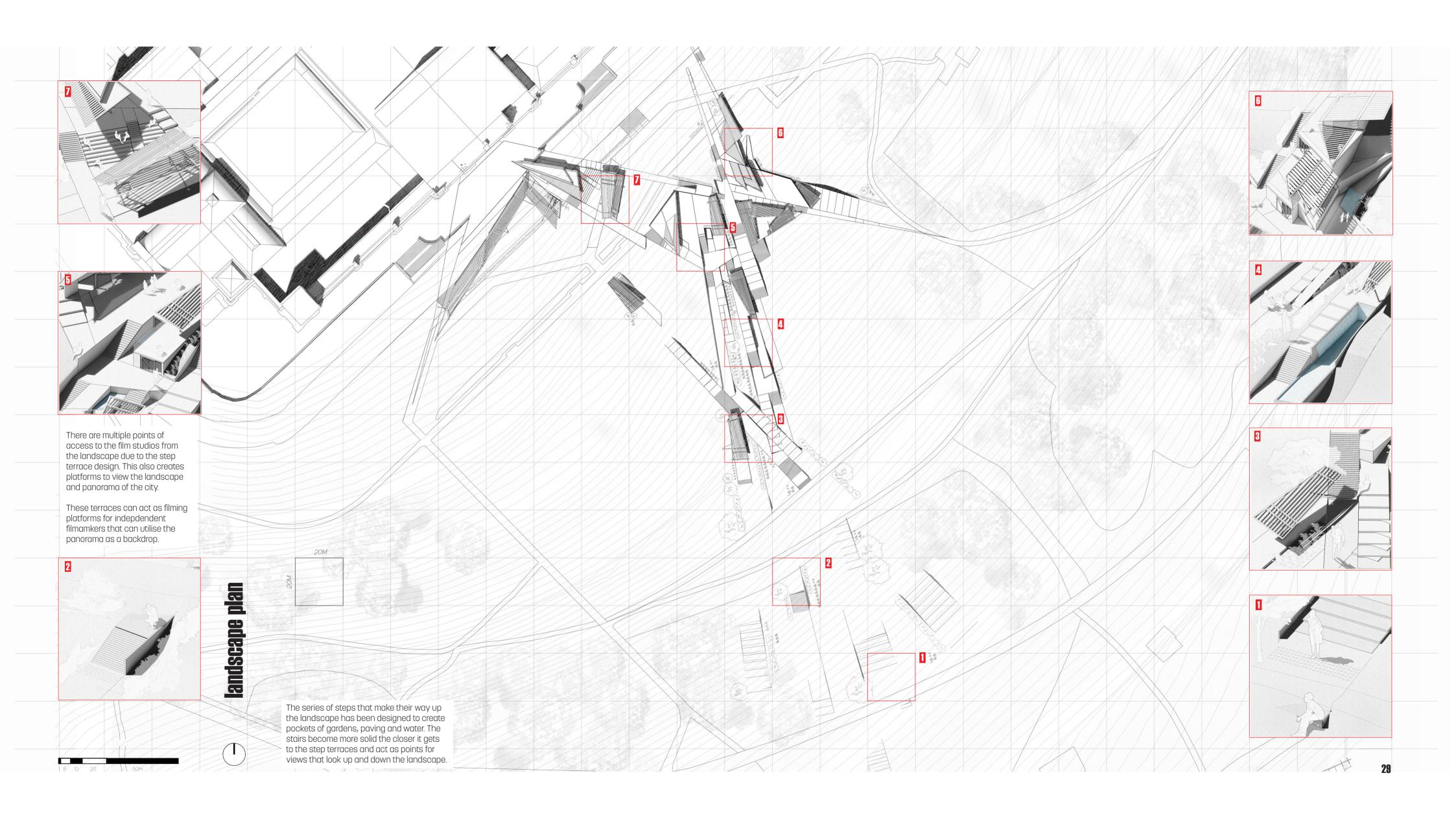


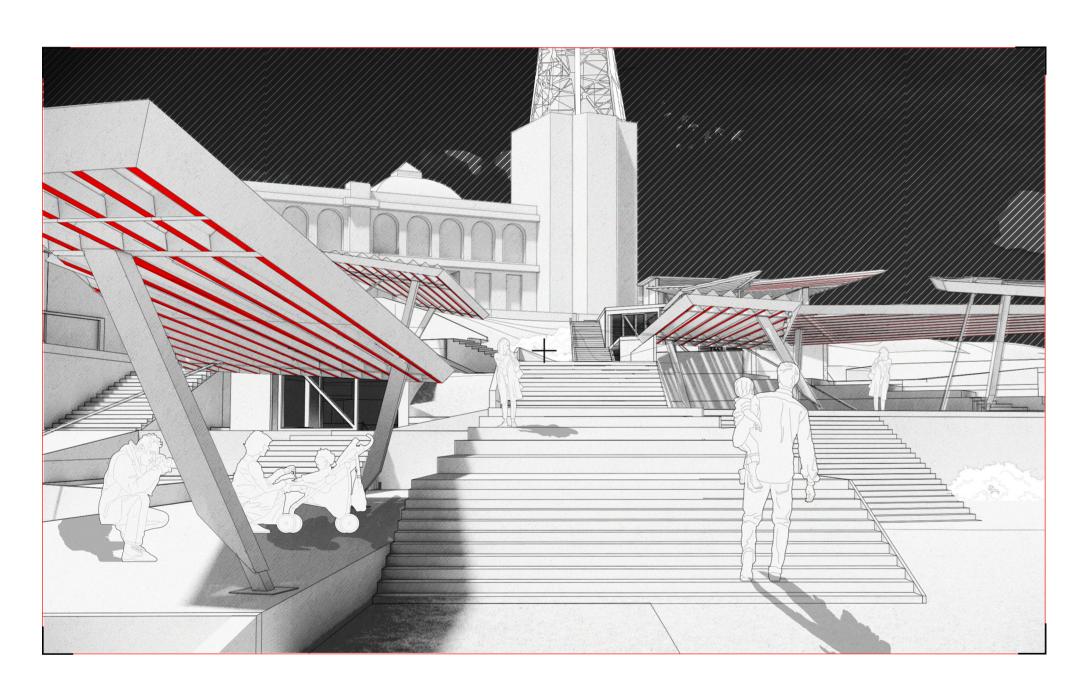
This model demonstrates the drawing system created from the vision through motion mapping of Alexandra Palace. The mast will become a beacon for the proposal and respond to the axis of Alexandra palace.





The beacon.

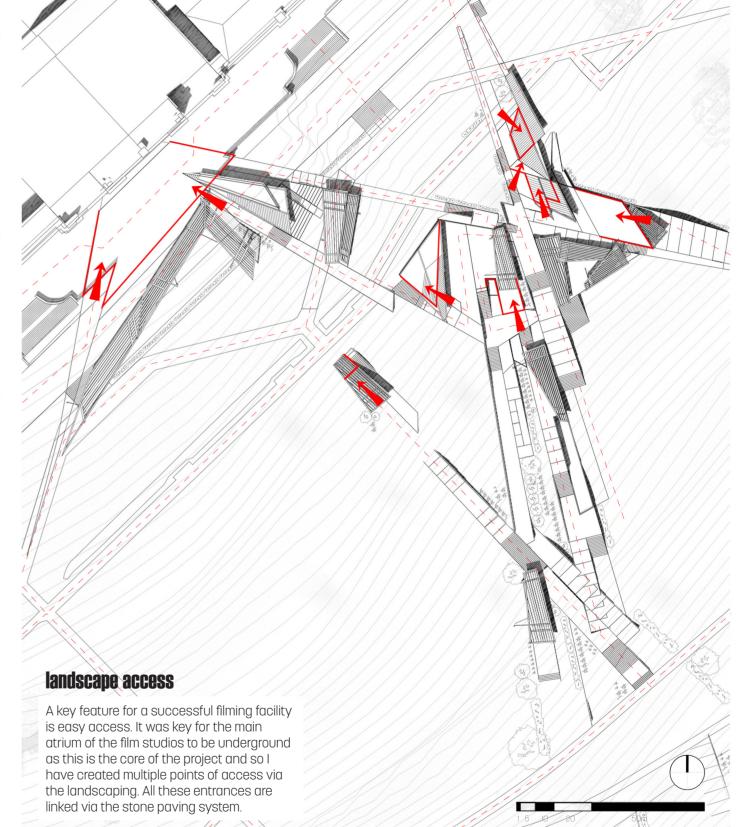


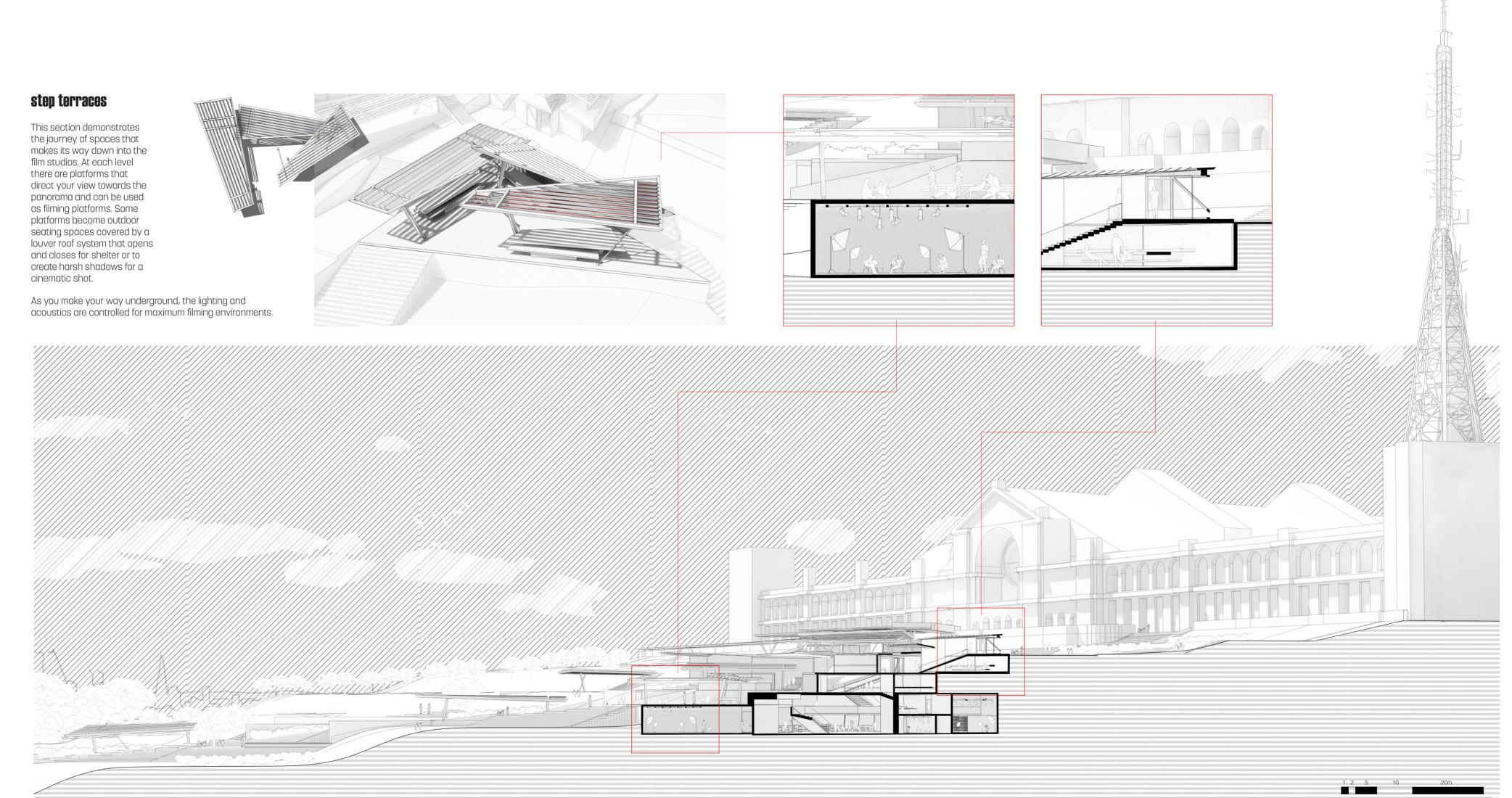




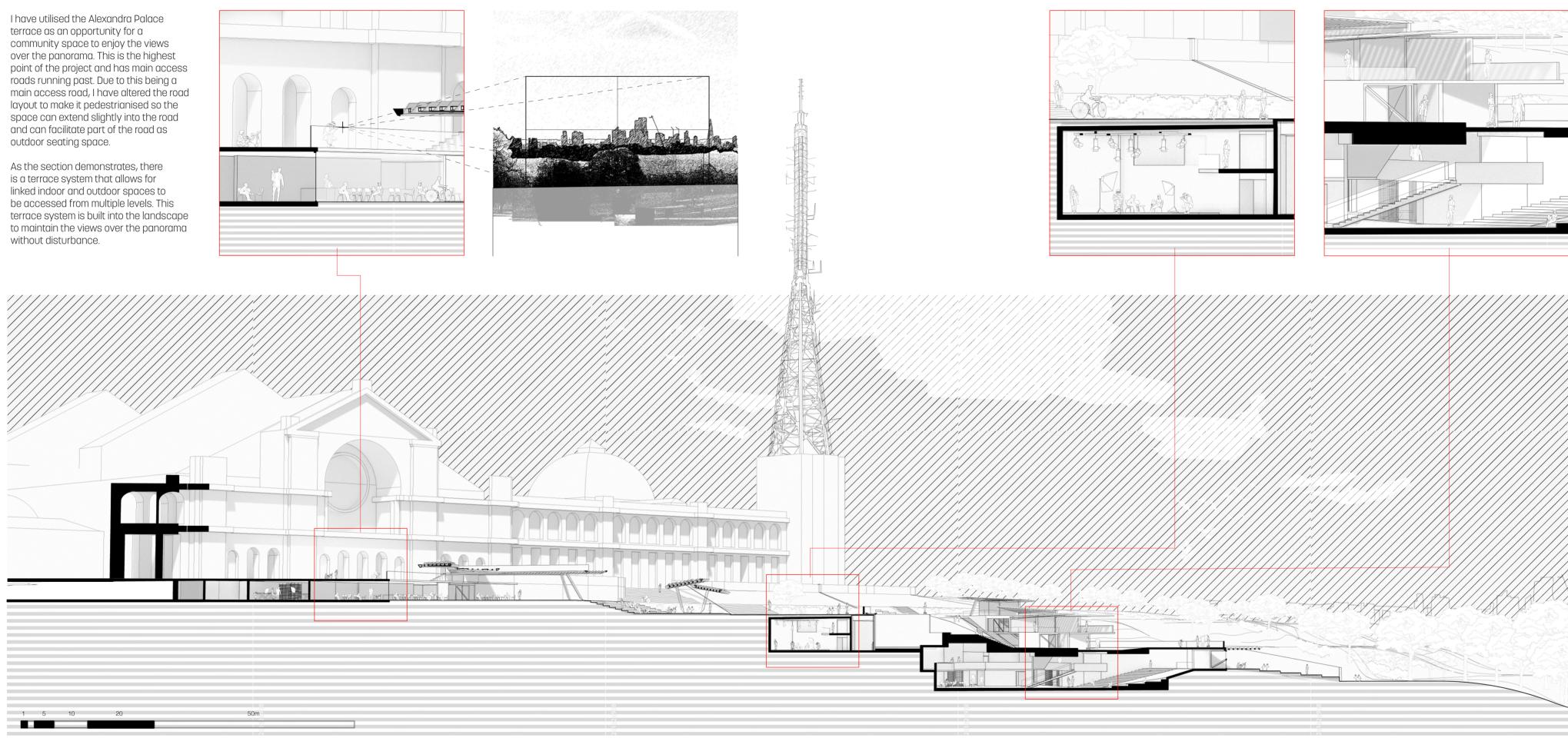
Picturesque composition.



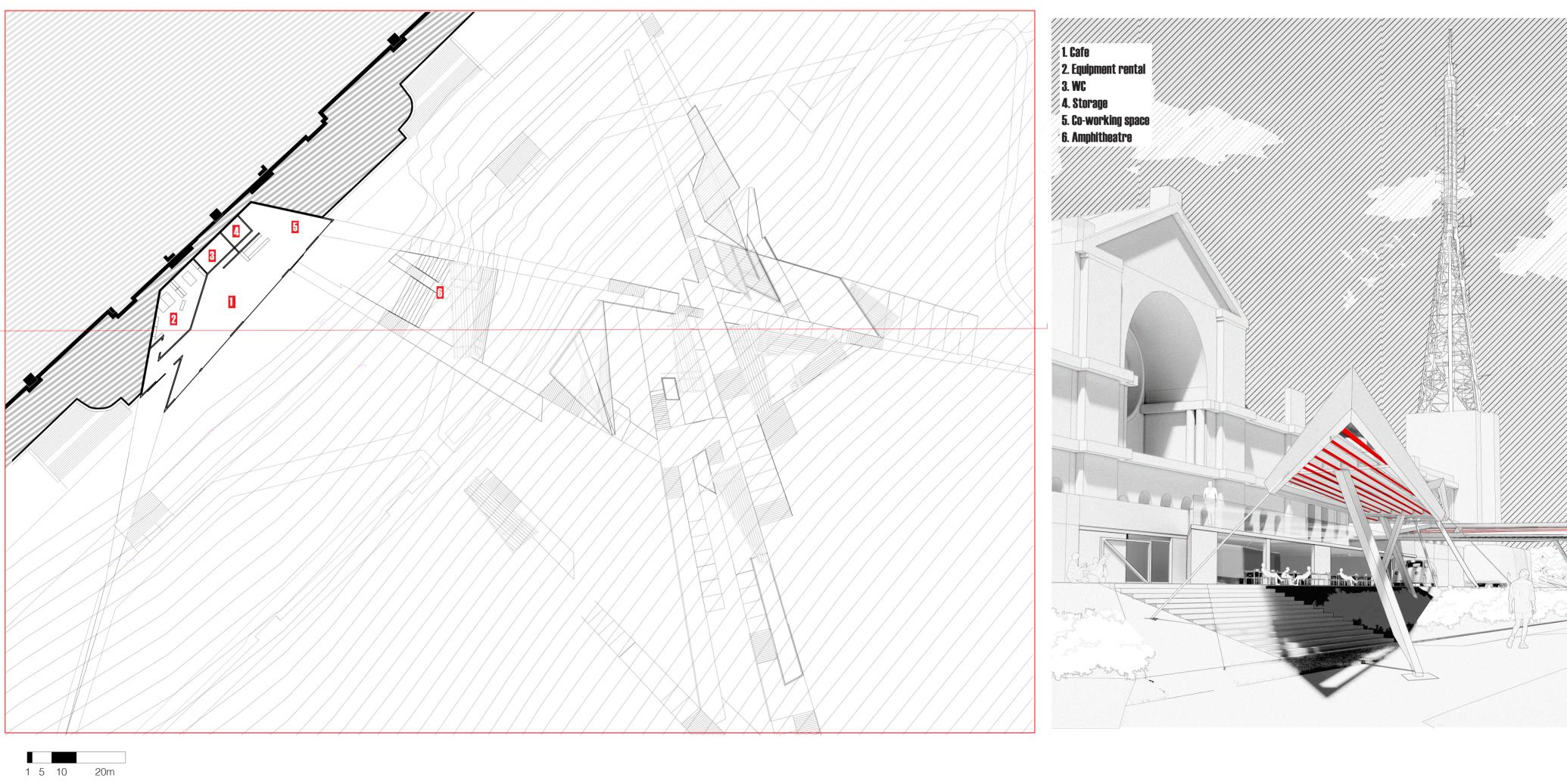


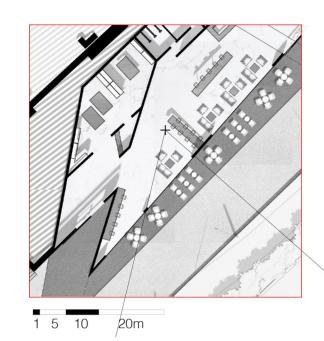


terrace as an opportunity for a community space to enjoy the views over the panorama. This is the highest layout to make it pedestrianised so the space can extend slightly into the road and can facilitate part of the road as

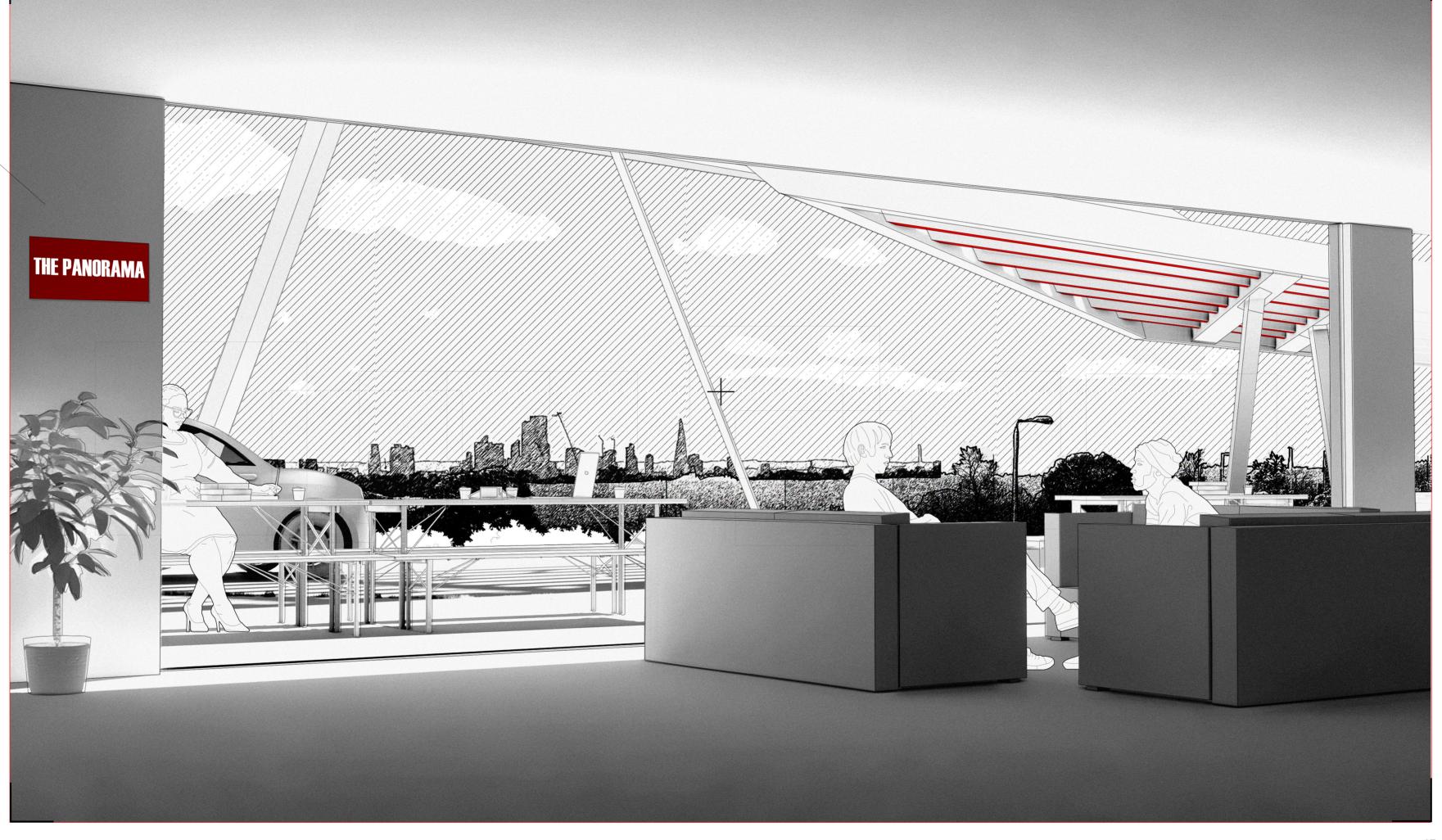


[first floor plan]

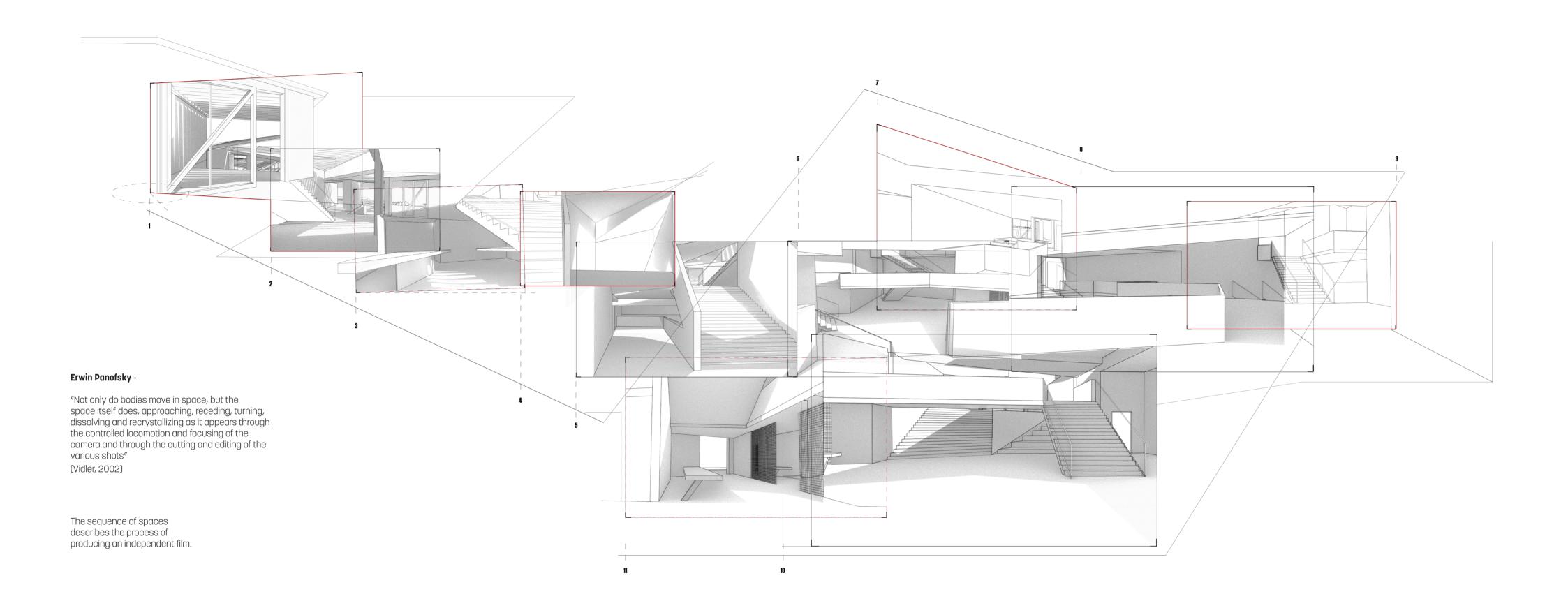


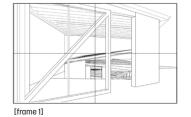




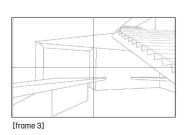


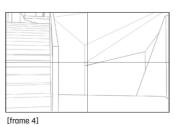
The community space accessible via the Alexandra Palace main road is orientated towards the panorama for key views over the park and city. Located here is a café, film equipment rental, storage and co-working space with a pedestrianised road for outdoor seating.

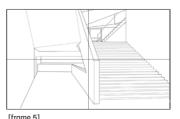


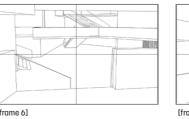




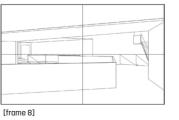


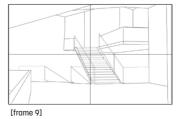


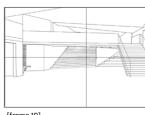


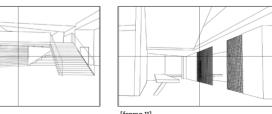




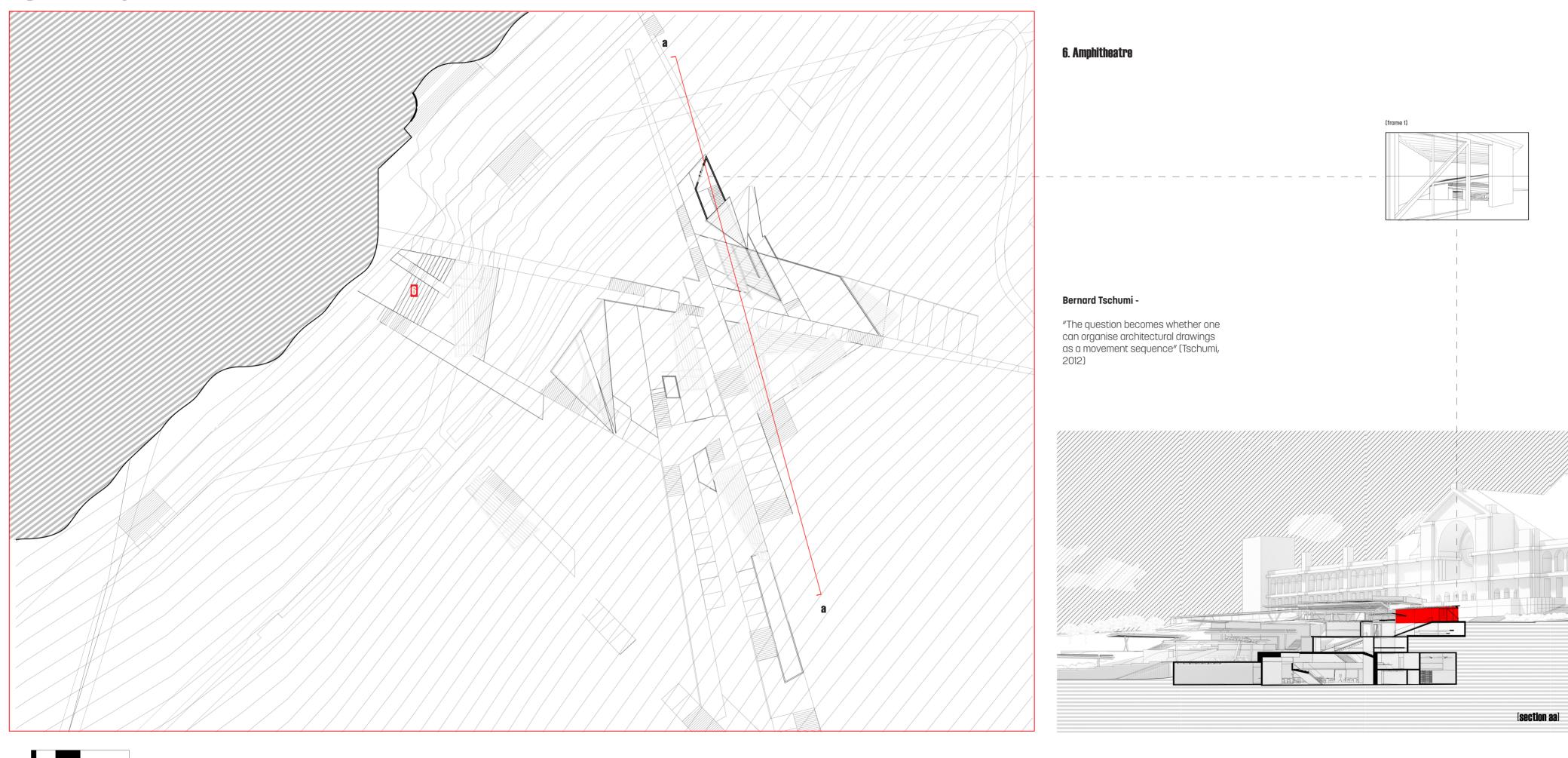


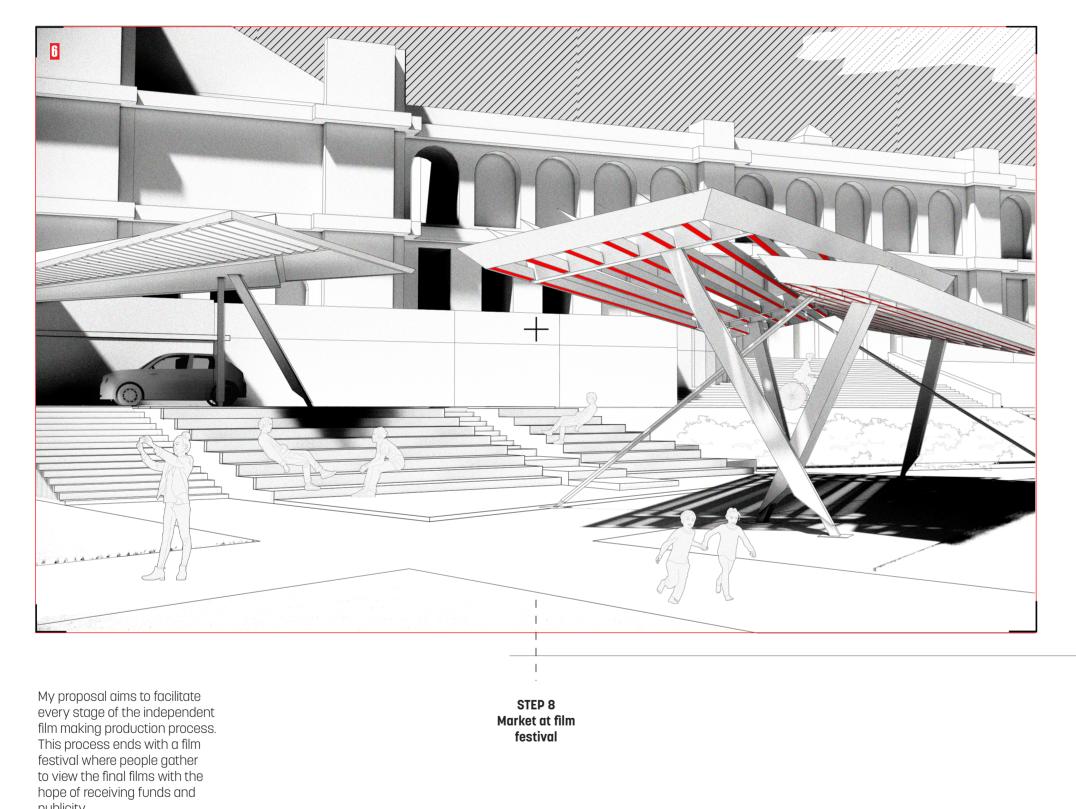






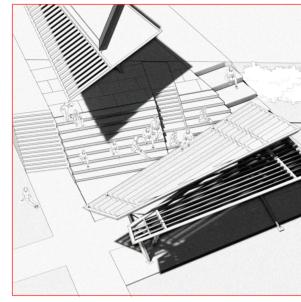
[ground floor plan]





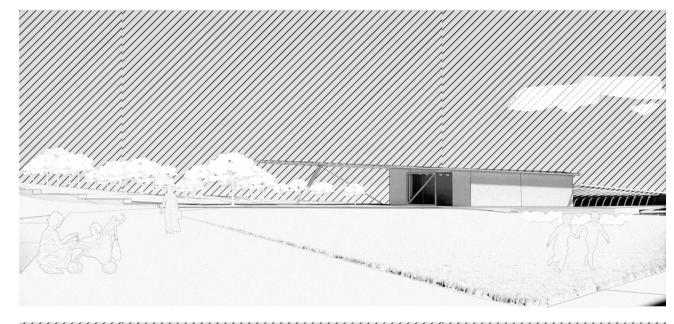
festival

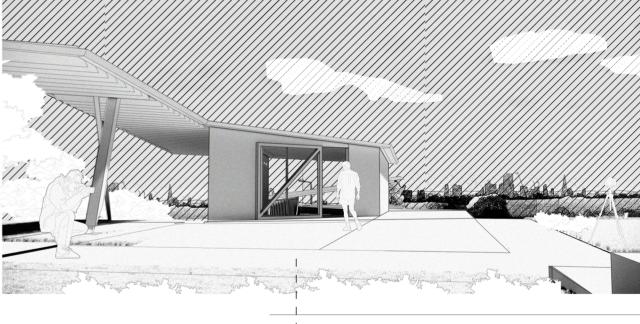
publicity.

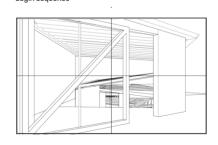




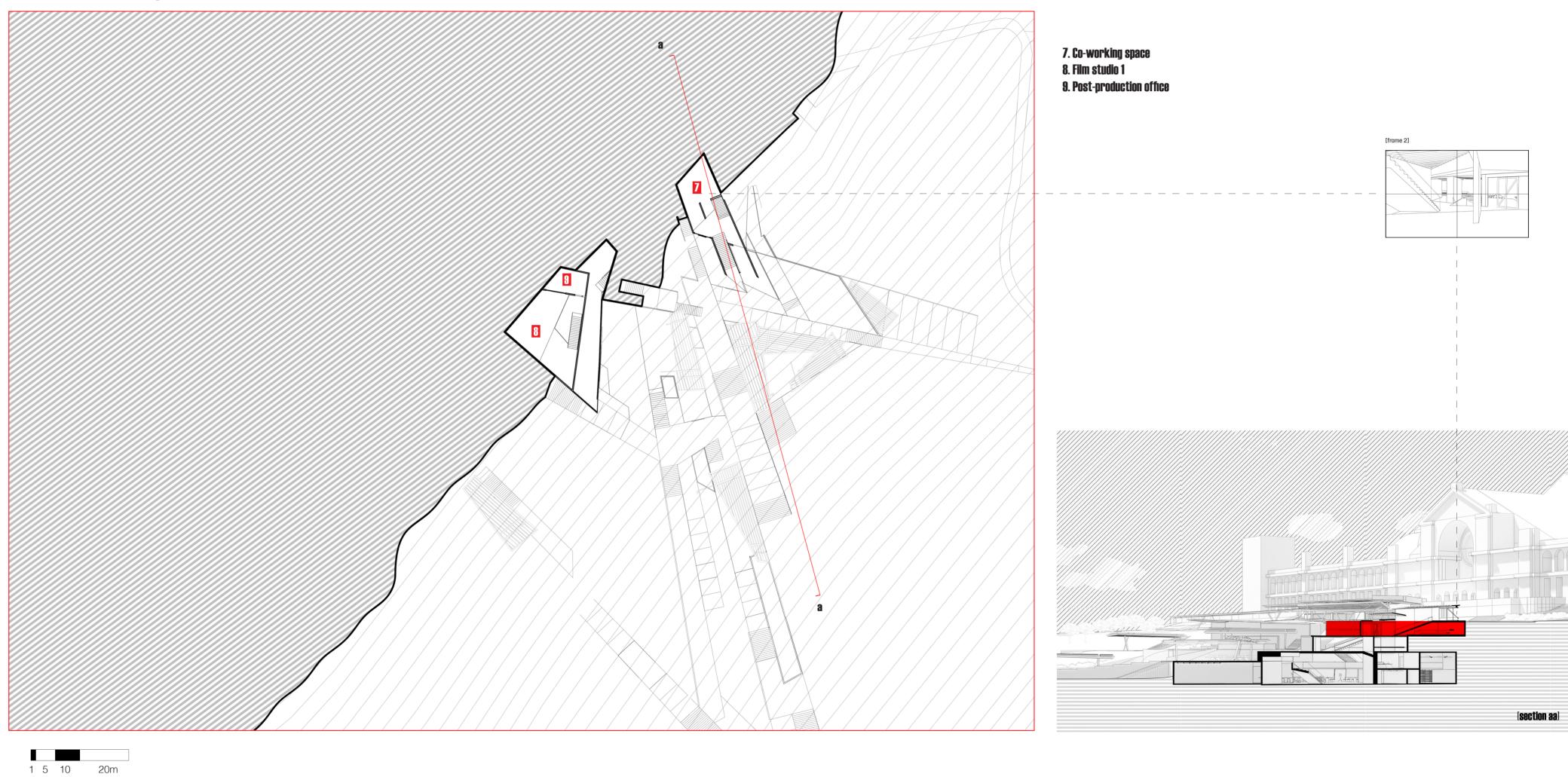


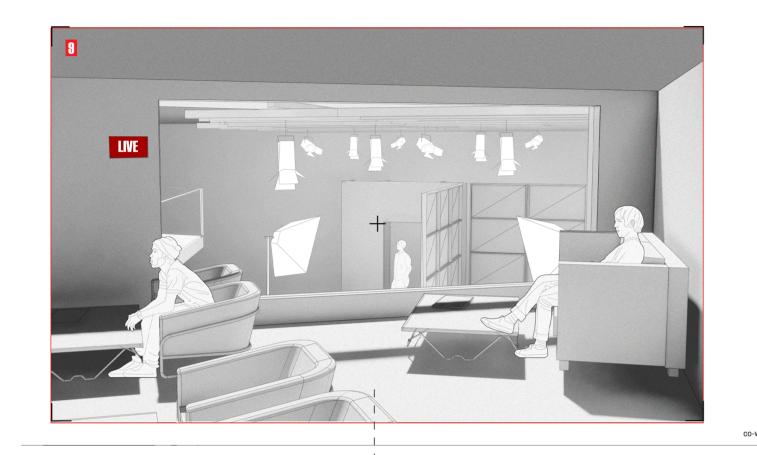


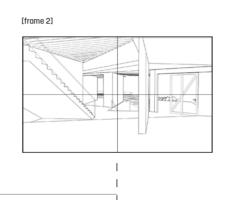


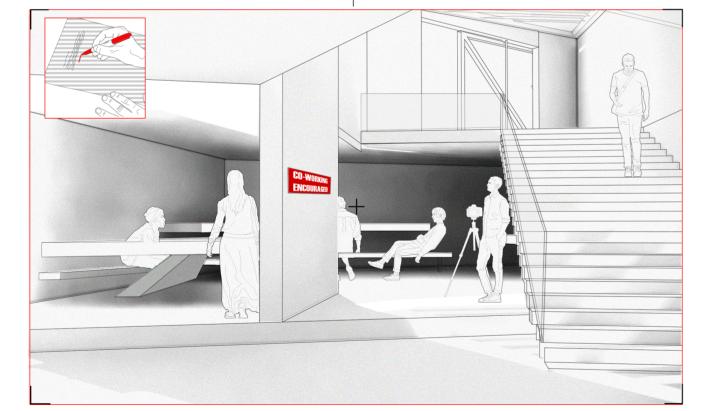


[basement 1 floor plan]



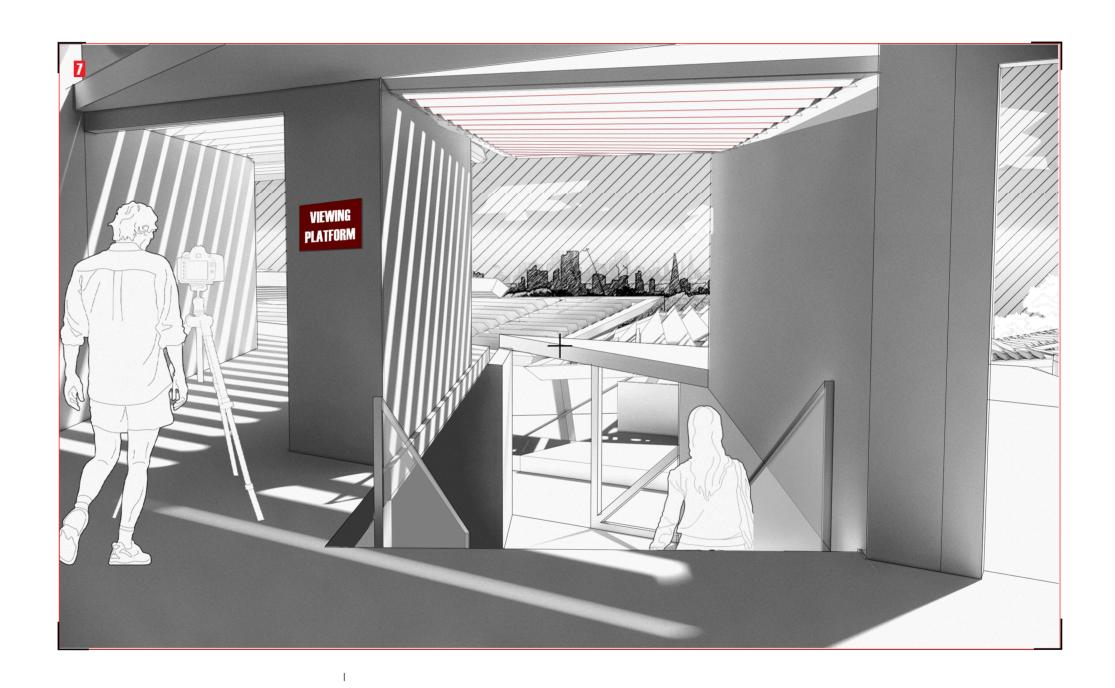




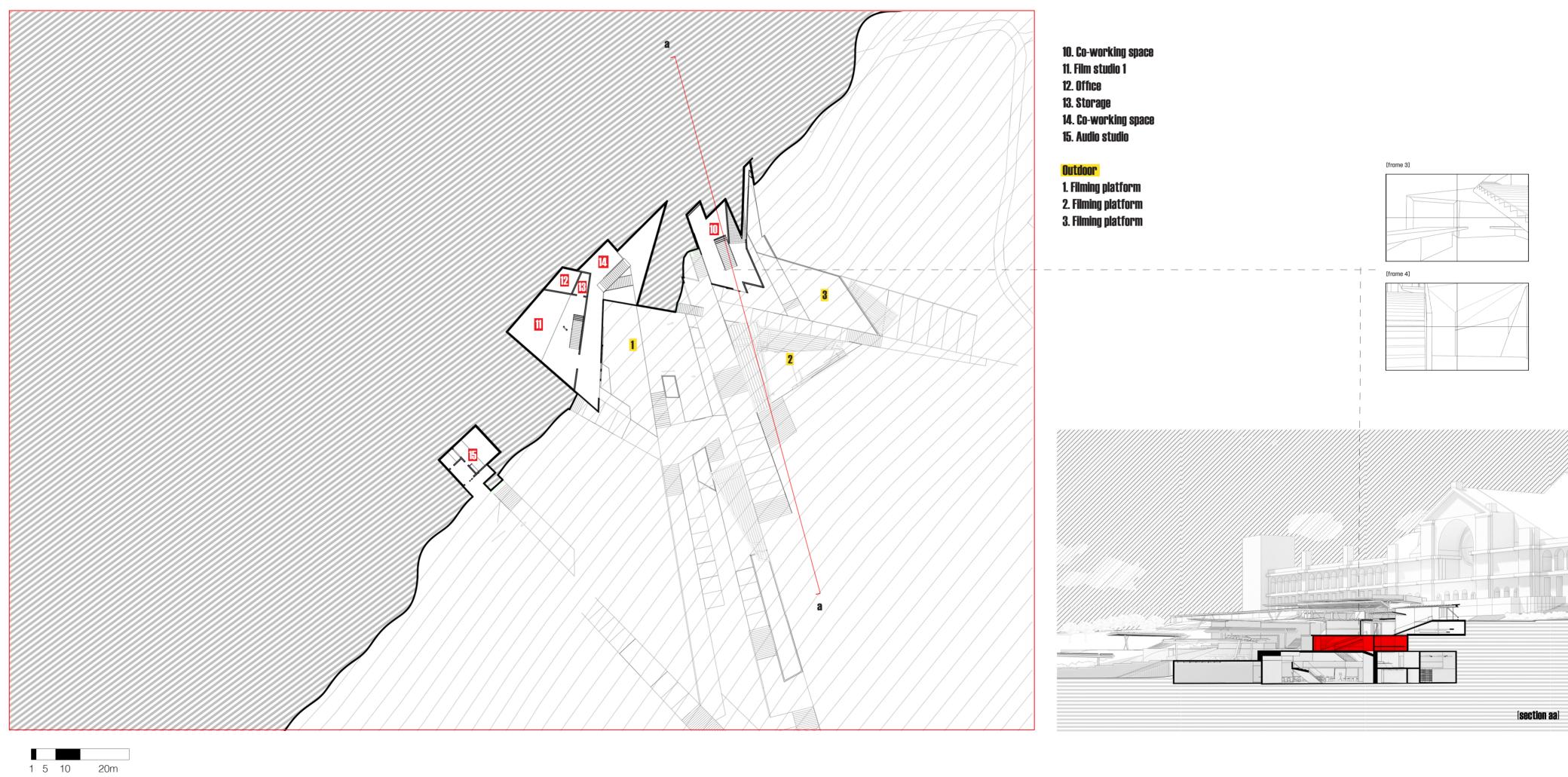


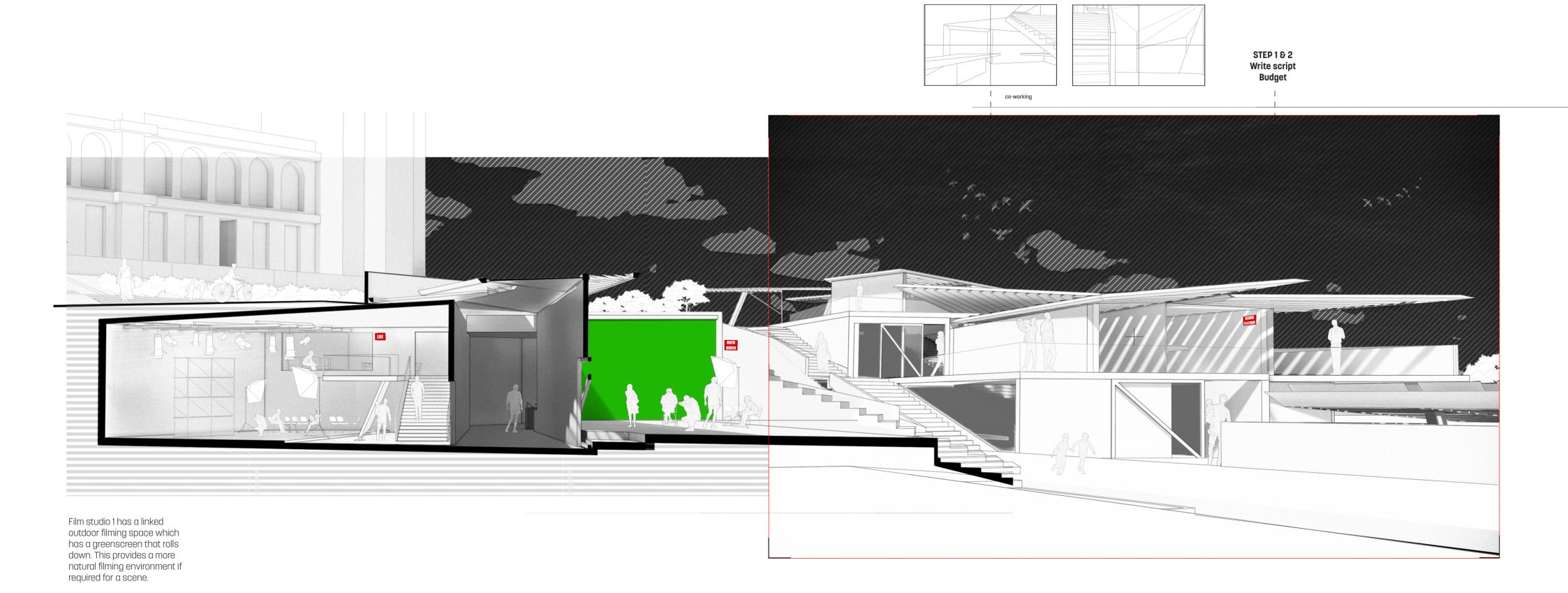
STEP 1 & 2 Write script Budget

The sequence of spaces begins with co-working spaces where script writing and budgeting can take place. These spaces extend out and directs your view towards the panorama.



[basement 2 floor plan]

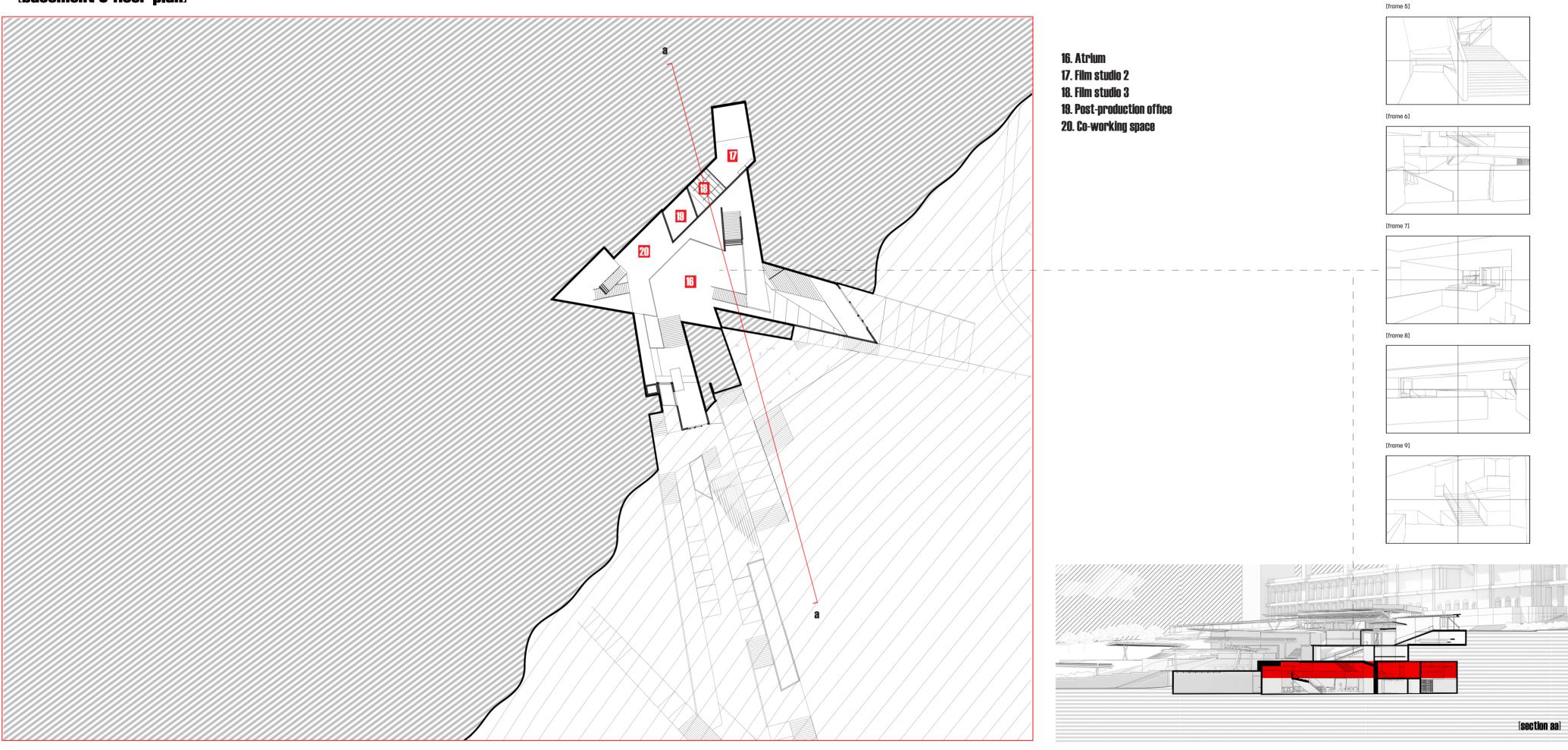




[frame 3]

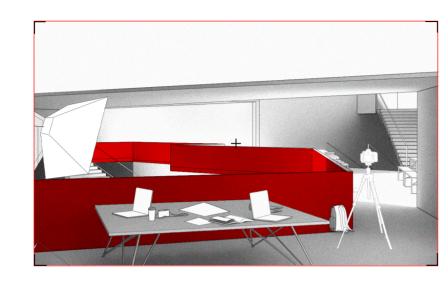
[frame 4]

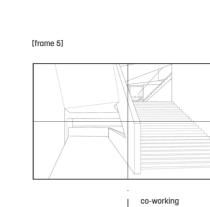
[basement 3 floor plan]

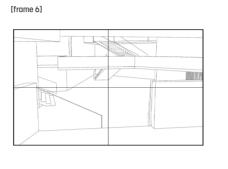


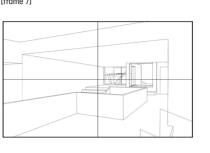
studio hub

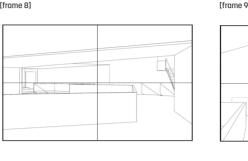
As you make your way down into basement 3, you enter the main atrium with an access route that wraps around and peers into the lower space. Here are a series of co working spaces and private post production offices. This atrium has multiple points of access from upper and lower levels and acts as the core hub for the studios.



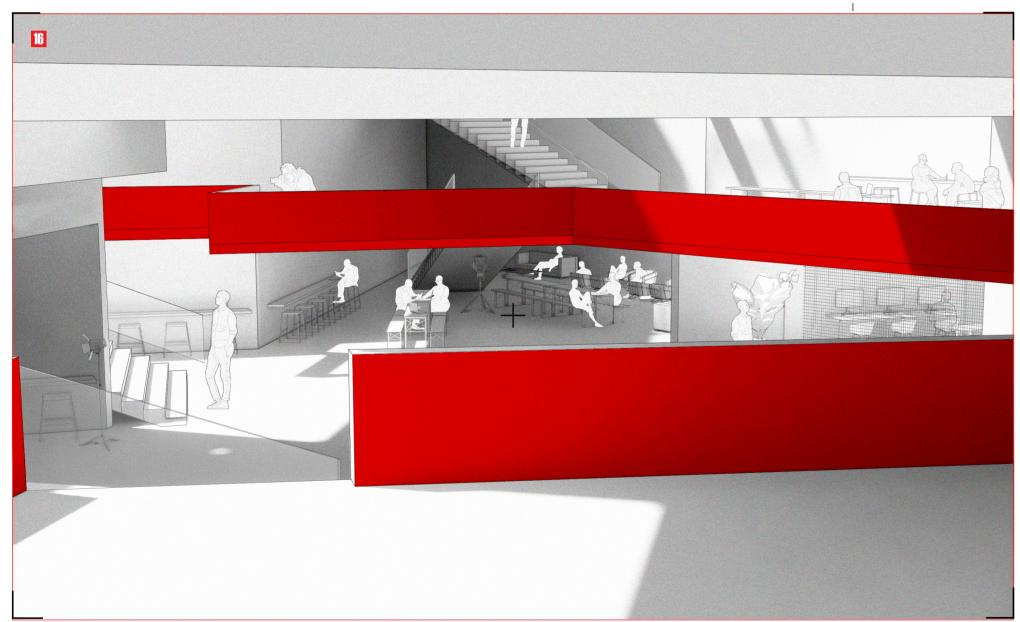


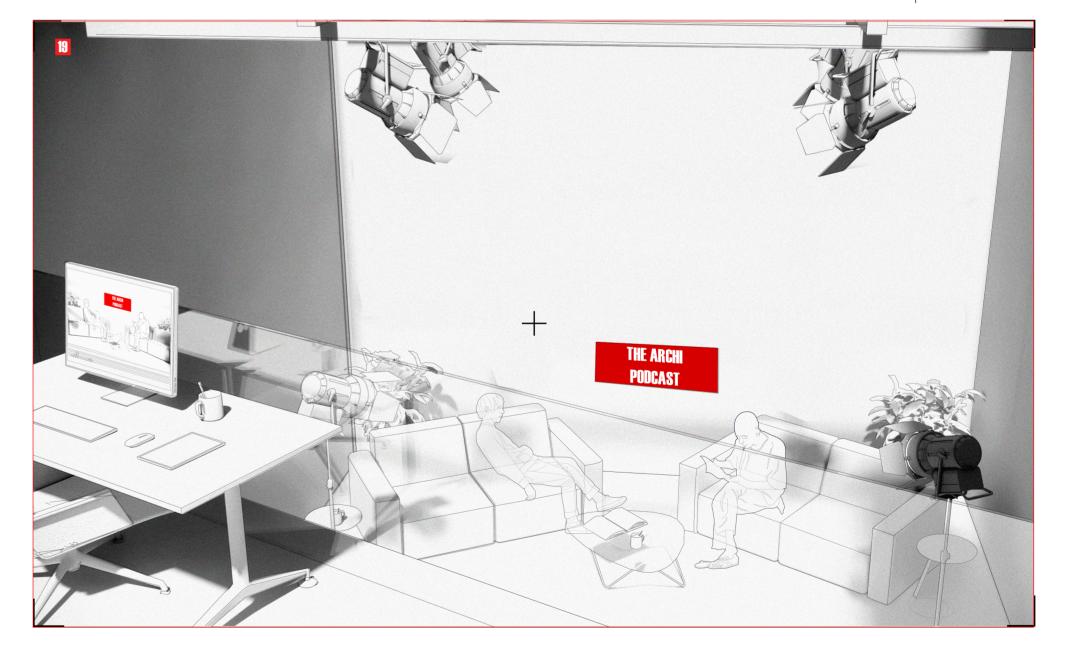




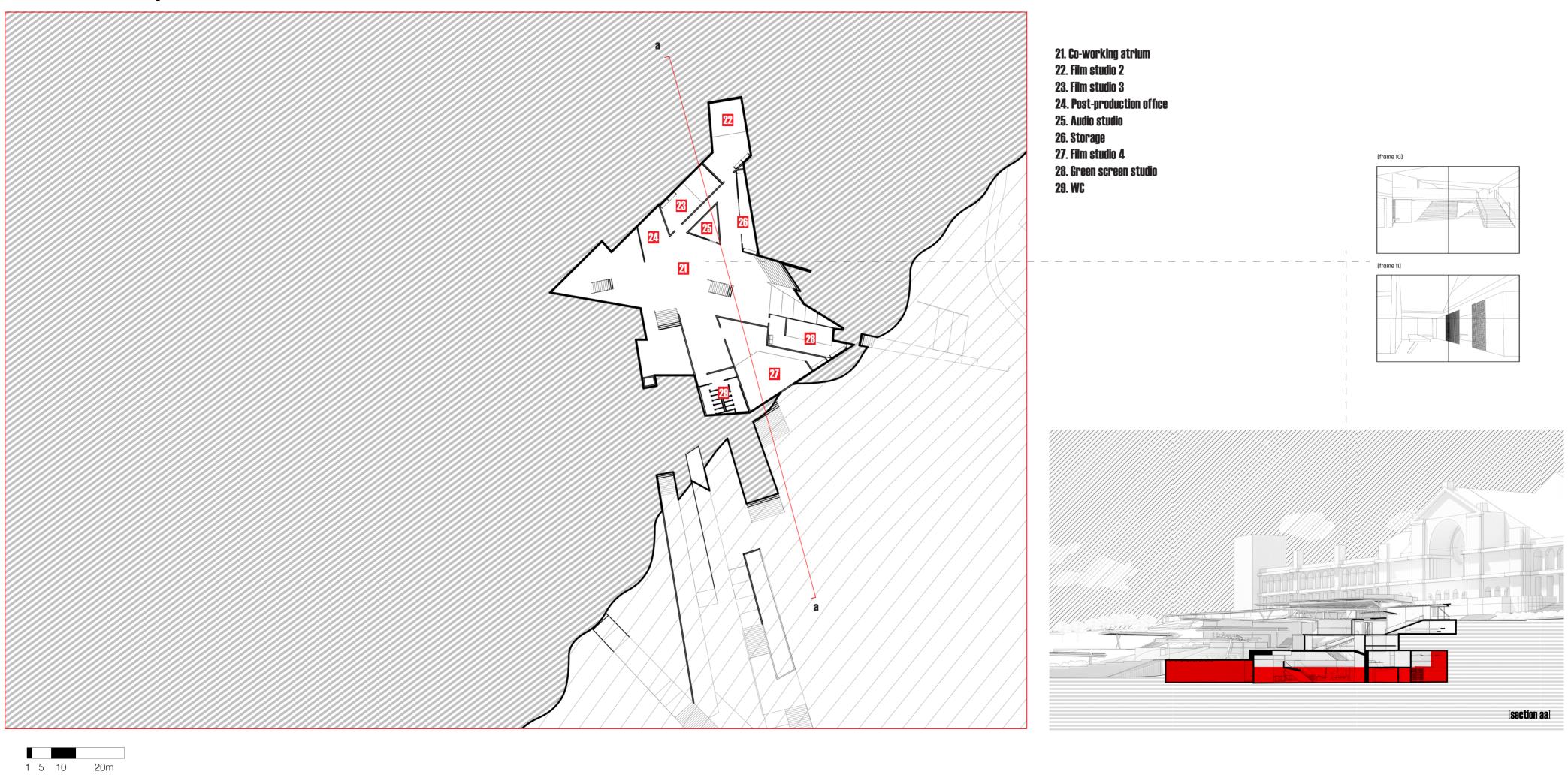


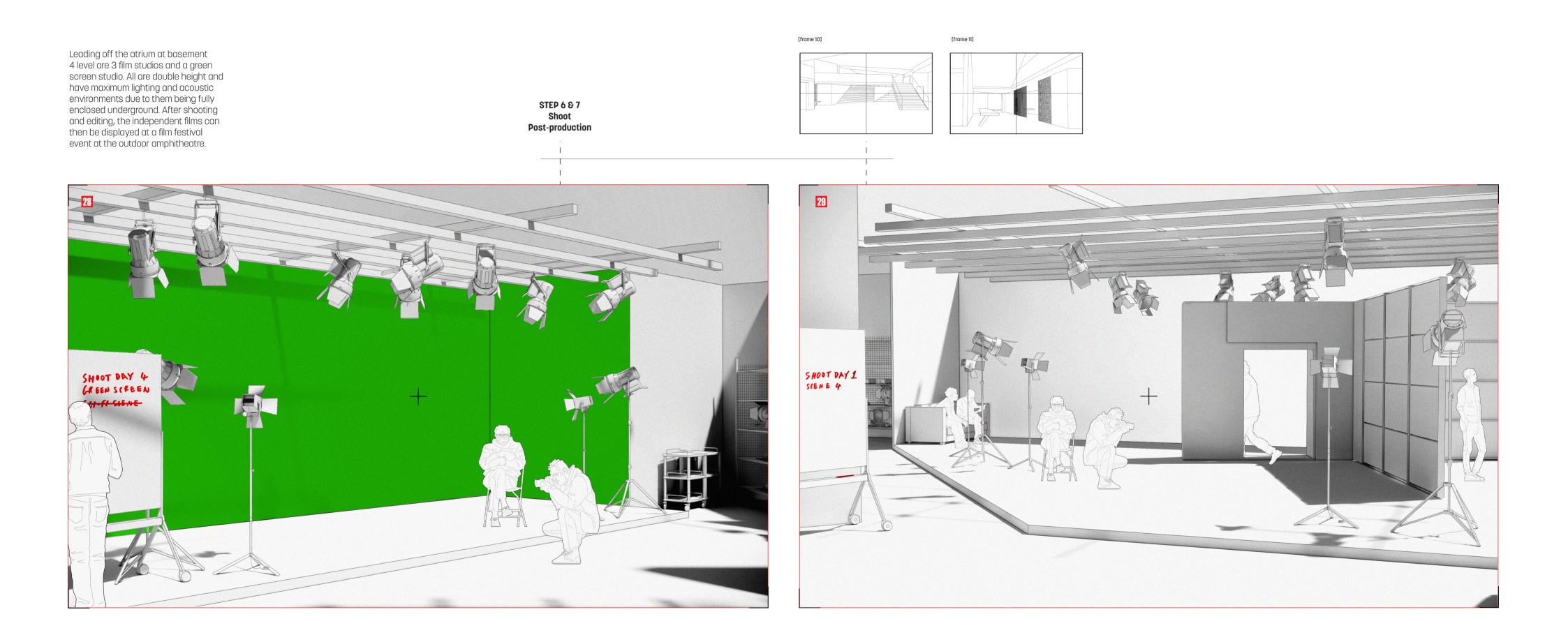
STEP 3, 4 & 5 Hire crew Get your cast Prep shoot days

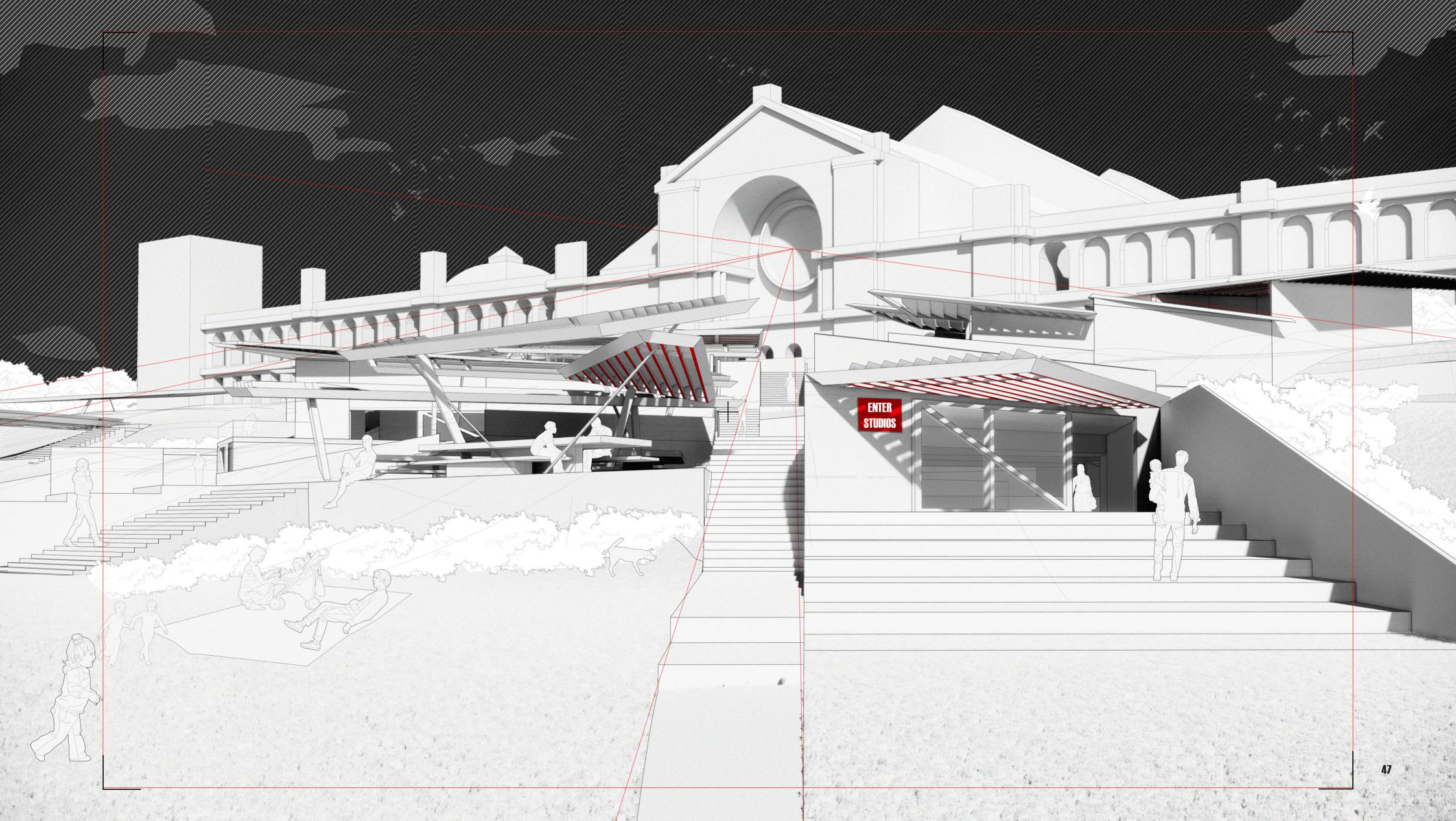


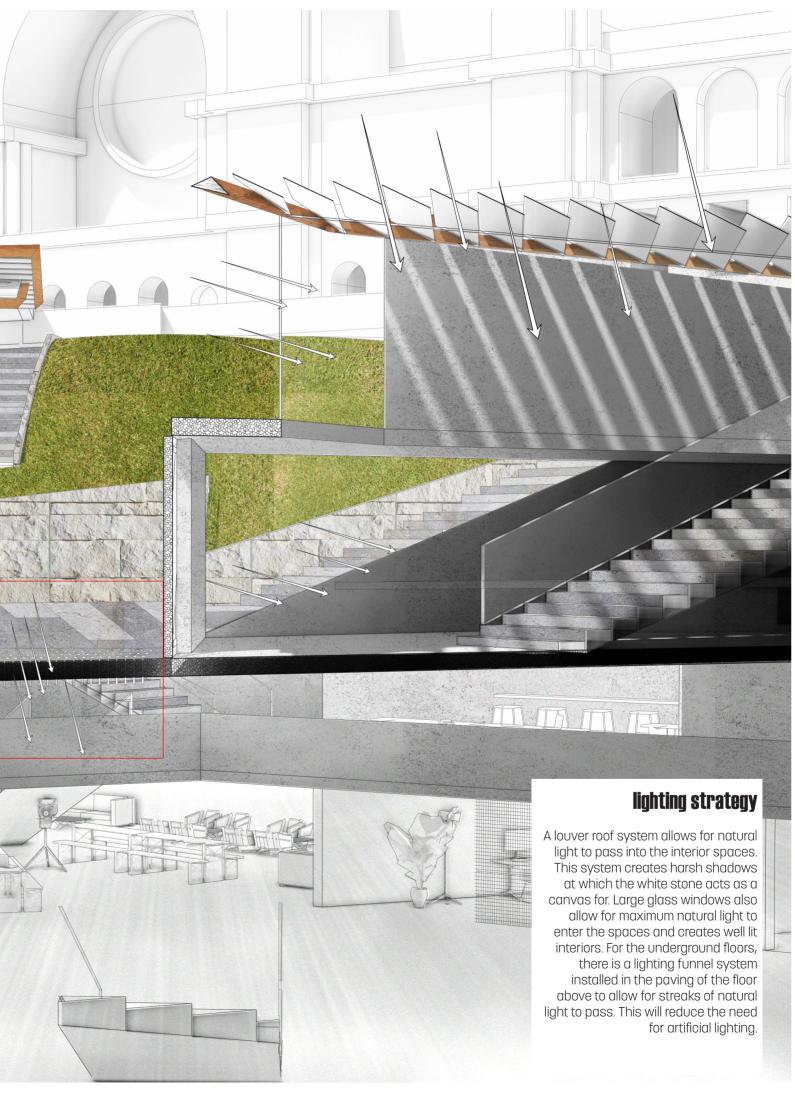


[basement 4 floor plan]



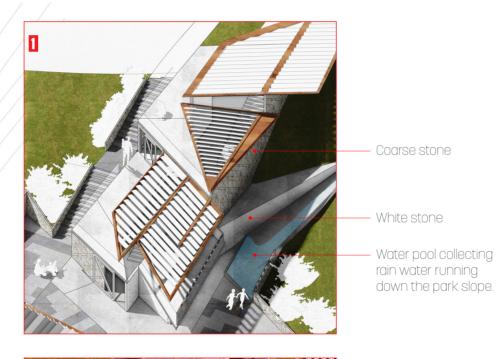


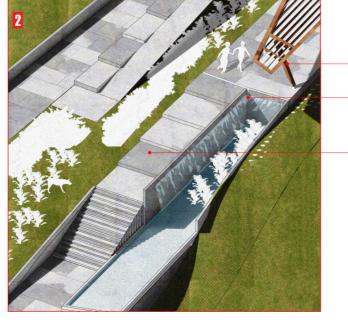




materiality

I have chosen stone to be the dominant material in the project as it is a natural material that compliments the stone of Alexandra Palace and responds to the landscape of the park. Coarse stone will be used as the building extends out of the landscape and elements that sit above the landscape will be white stone. Stone paving and stairs create pockets for planting, seating and pools of water that collects water that drains down the slope of the landscape.





Glulam timber

Stone paving

Water pool collecting

down the park slope.

rain water running





Walter Benjamin -

