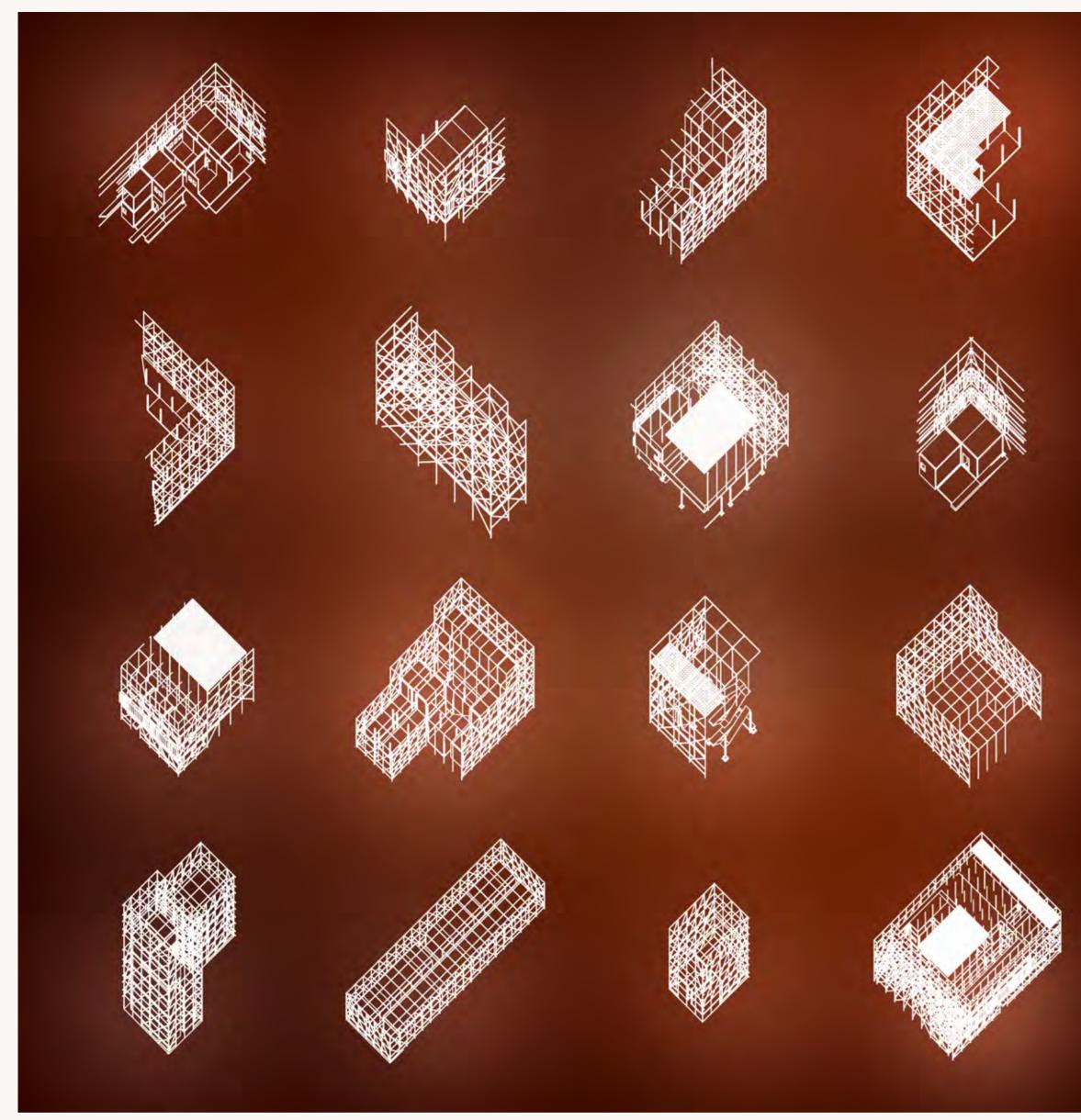


CLIMATE ACTION ASSEMBLY

51°30'16.34"N 0° 7'2.14"W CENTRAL LONDON | UNITED KINGDOM KEERTHIGAN THAVASEELAN



**RECONFIGURATIONS OF CLIMATE ACTION ASSEMBLY** 

# CLIMATE ACTION ASSEMBLY: MANIFESTO

Our framing of climate change is mixed and differs from person to person through different framings of climate change. These consist of our internal and external framings of climate change which were explored in the thesis. Currently, it is possible to slow the rate of climate change but there needs to be a level of clarity to collectively determine the severity of the issue and take action.

## REFRAMING CLIMATE CHANGE

Internal/ external framings of cliamte change were reviewed. The current frame of climate change can be percieved as overwhelming and hard to understand from the scale and speed of the issue. The thesis explored how climate change could be reframed to with the aim of better understanding the problem from giving more exposure to solving local issues within Central London.

## PROVIDING CLIMATE CLARITY

The thesis also exposes strong invisible network of organisations that contribute towards climate disinformation in Central London, from oil giants to media outlets. My proposal aims to expose different organisations within the area, educating the public on disinformation tactics

## SYNERGISING CLIMATE ACTION

Currently, environmental NGOs in Central London are overshadowed by organisations that contribute towards climate disinformation + media outlets. This proposal also aims to initiate more environmental NGOs in the area, from the Climate Action Assembly itself becoming a base for different Environmental NGOS.

## TRANSLATING INVISIBLE ELEMENTS OF CLIMATE CHANGE

The process of bringing intangible elements of climate change to the forefront, this includes the invisibility of carbon dioxide emmisions, were also explored. The aim was to let the public fully experience and understand the full consequence of the issue in their day-to-day life.

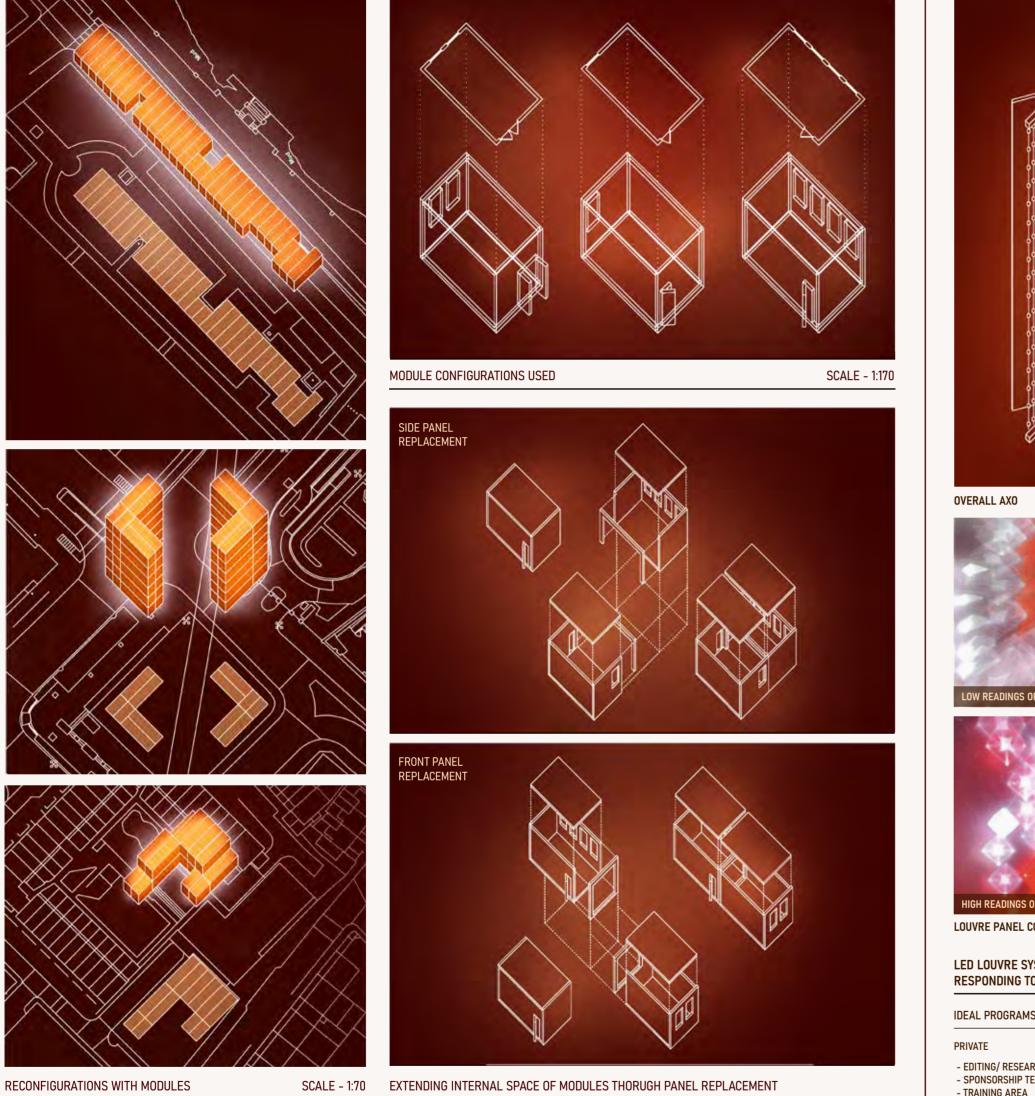






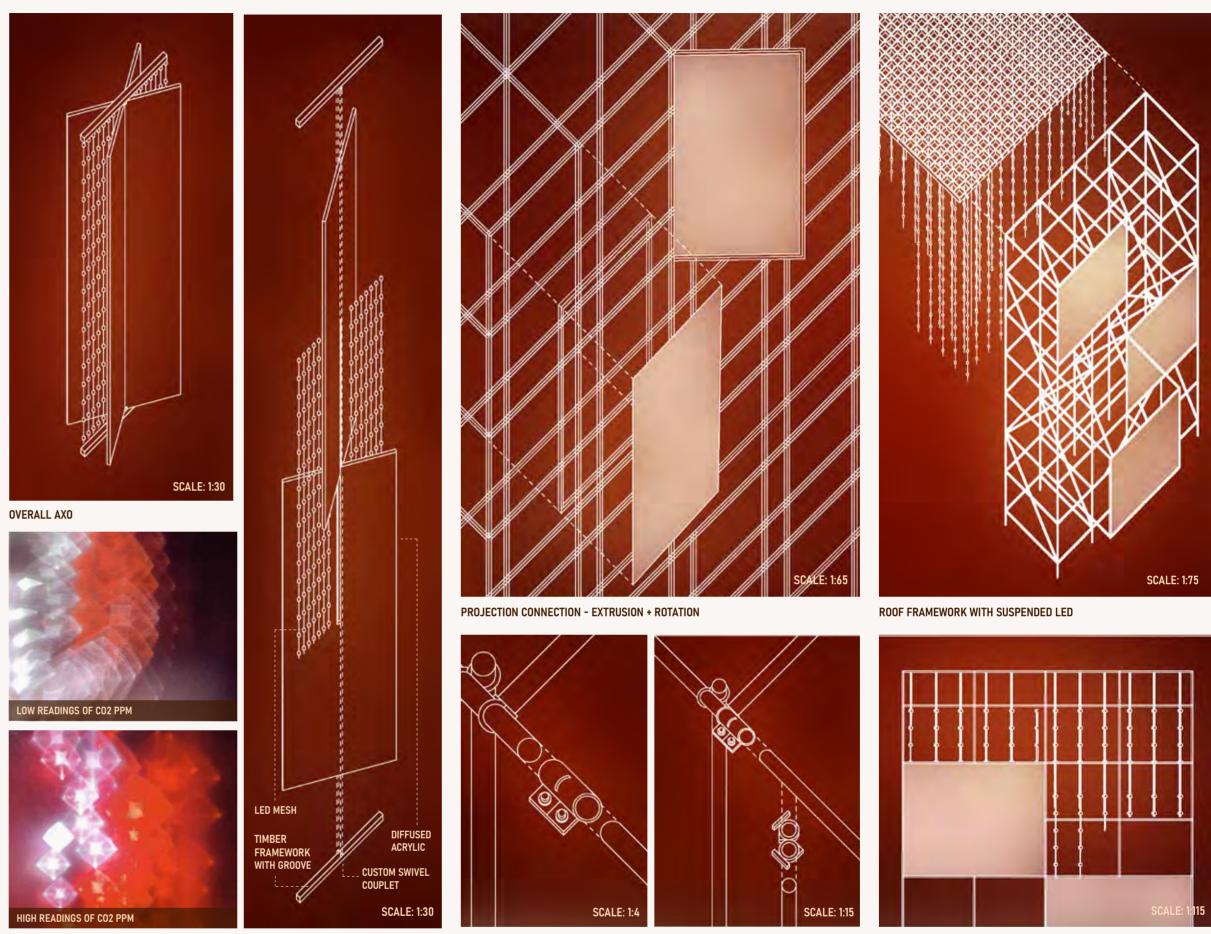
EXTINCTION REBELLION : HOLDING CAMPAIGNS/ WORKSHOPS/ EVENTS

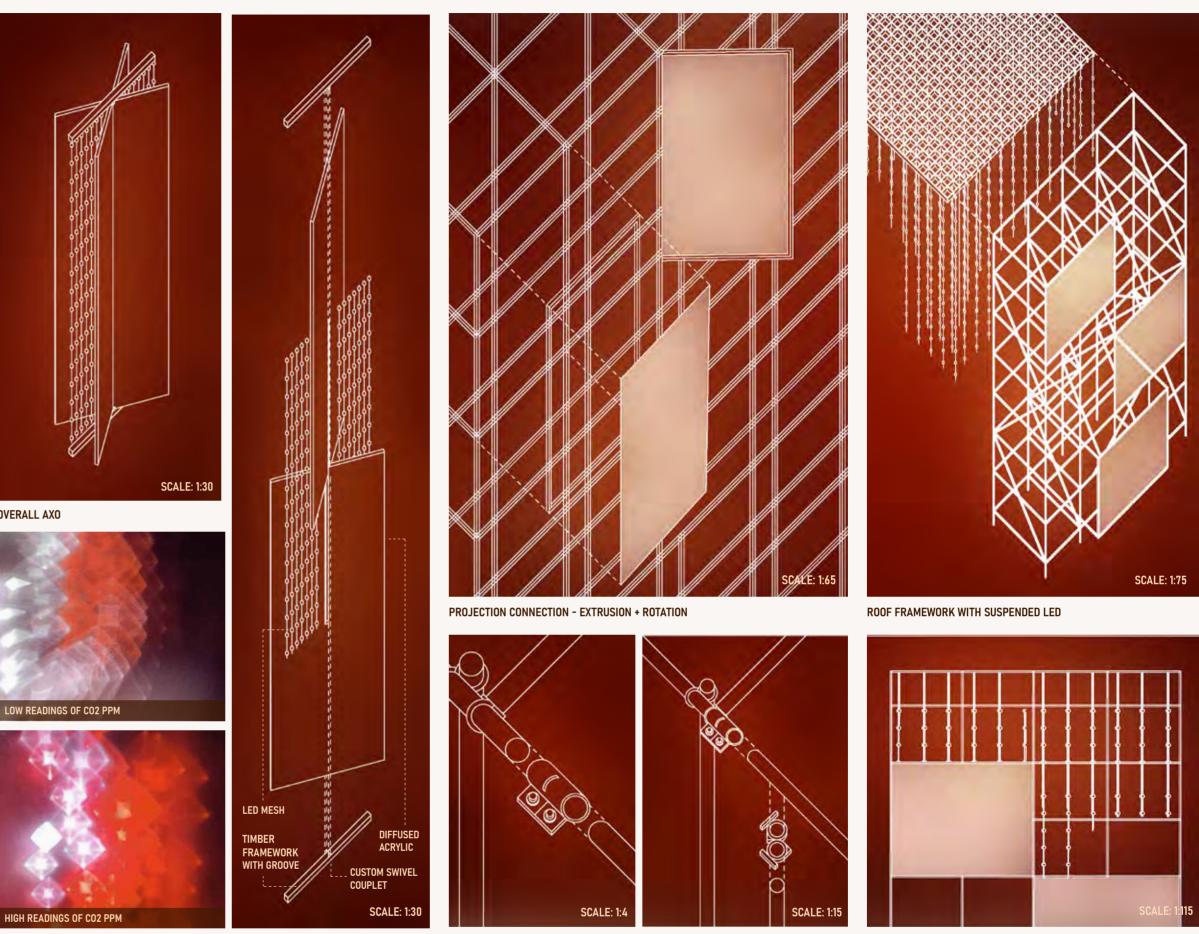




NU BUILD MODULAR SYSTEM - SWAN HOUSING ASSOCIATION + WAUGH THISTLETON ARCHITECTS

HOUSING PROGRAMS OF BASE





LOUVRE PANEL CONNECTION

LED LOUVRE SYSTEM -RESPONDING TO SUNLIGHT OF SITE

IDEAL PROGRAMS TO USE WITH

- EDITING/ RESEARCH SPACE - TRAFFIC TEAM - SPONSORSHIP TEAM - SERVER ROOM - TRAINING AREA

**RECLAIMED TUBE + COUPLER SCAFFOLDING SYSTEM** 

LOCALLY SOURCED SYSTEMS

THE CLIMATE ACTION ASSEMBLY CAN MOVE TO DIFFERENT LOCATIONS ACROSS THE UK AND UTILISE DIFFERENT MODULES AND SCAFFOLDING FROM DIFFERENT SUPPLIERS AND MANUFACTURERS. THIS CAN OVERALL REDUCE THE NUMBER OF MATERIALS THAT ARE TRANSPORTED TO DIFFERENT AREAS IN THE UK AND MAKE THE BASE MORE SITE-SPECIFIC. THE CLOSEST CLT MODULAR FACTORY TO CENTRAL LONDON, IS THE NU-BUILD FACTORY, WHICH IS LOCATED IN BASILDON, ESSEX. THE NU BUILD SYSTEM IS A PREFABRICATED CLT MODULAR SYSTEM THAT IS MAINLY UTILISED FOR HOUSING. THIS SYSTEM WOULD BE USED TO HOUSE THE DIF-FERENT PROGRAMS OF THE CLIMATE ACTION ASSEMBLY. THE SCAFFOLDING SYSTEM WOULD BE USED AS THE EXTERNAL FACADE SYSTEM WHICH WOULD HOUSE DIFFERENT INTERVENTIONS THAT VISUALISE CO2 IN THE ATMOSPHERE. ONCE THE CLIMATE ACTION ASSEMBLY IS READY TO MOVE TO A DIFFERENT LOCATION WITH A CLOSER MODULAR FACTORY, THE CLT MODULAR PANELS CAN BE RETURNED TO THE NU BUILD FACTORY AND BE REPURPOSED.

AXO BREAKDOWN

- WOOD WORKSHOP - SHARED KITCHEN

- PUBLIC LIBRARY - LOUNGE AREA

ATTACHMENT OF SWIVEL COULER

**PROJECTION EXTRUSIONS -**PROJECTING VISUALISED CO2 + LOCAL ACTIONS

ATTACHMENT OF DOUBLE COUPLER

**PROVIDING PHYSICAL PRESENCE OF CO2** 

PRIVATE - PRACTICE SPACE - PERFORMANCE/ TRAINING AREA

PUBLIC - LOUNGE AREA - DISCUSSION/ VIEWING SPACE

- DISCUSSION SPACE

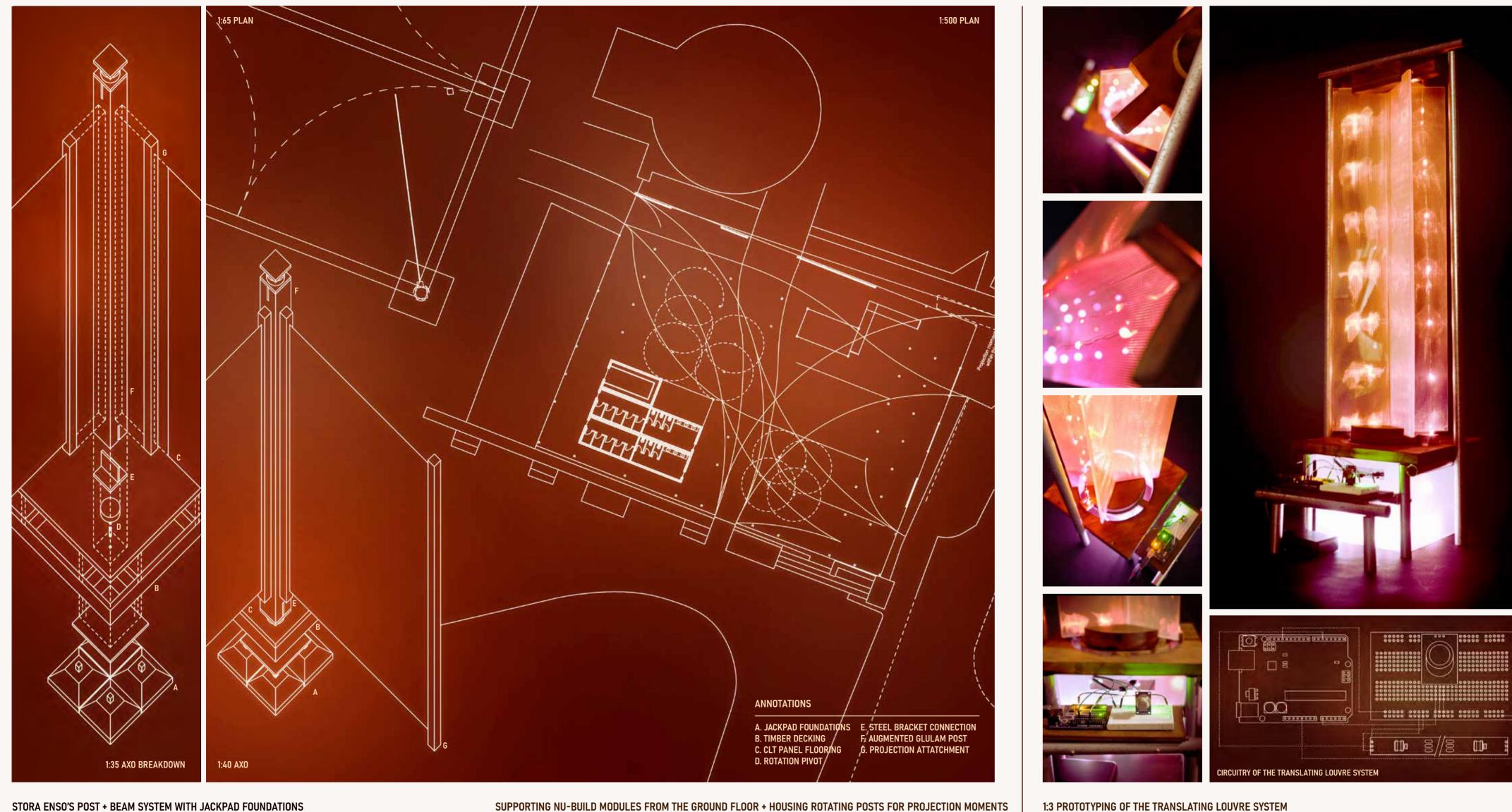
PUBLIC

EXTERNAL FACADE SYSTEM HOUSING VARIOUS MEHTODS OF VISUALISING CO2

FABRIC ATTATCHED TO SCAFFOLDING FRAMING SUSPENDED LED

SUSPENDED LED LIGHTING WITH ROOF FRAMEWORK -

- PRIVATE
- PRACTICE SPACE - PERFORMANCE/ TRAINING AREA
- PUBLIC - LOUNGE AREA - DISCUSSION/ VIEWING SPACE



STORA ENSO'S POST + BEAM SYSTEM WITH JACKPAD FOUNDATIONS

SUPPORTING NU-BUILD MODULES FROM THE GROUND FLOOR + HOUSING ROTATING POSTS FOR PROJECTION MOMENTS

AUGMENTED SYSTEMS

THE POST AND BEAM SYSTEM WOULD BE USED TO SUPPORT THE MODULE, TO PROVIDE A GREATER SPAN COMPARED TO THE SCAFFOLDING SYSTEM. THIS MOVE OVERALL LIMITS THE USAGE OF GLULAM WITHIN THE STRUCTURE AND STEEL BRACKETS WITHIN THE STRUCTURE. THE ROTATING POSTS MAKE USE OF THE SPANS BY INCORPORATING PROJECTION SCREENS. THIS USE AIMS TO PROVIDE MORE OPPORTUNITIES TO VISUALISE CO2 IN THE AT-MOSPHERE AND PROJECT LOCAL ACTIONS TAKEN FROM THE CLIMATE ACTION ASSEMBLY. THE TRANSLATING LOUVRE PANEL HAS BEEN INVESTIGATED FROM THE CIRCUITRY TO THE FORM AND FRAMEWORK OF THE PANEL. THE LOUVRE PANEL CAN VISUALISE CO2 READINGS OF ITS SURROUNDING ATMOSPHERE.

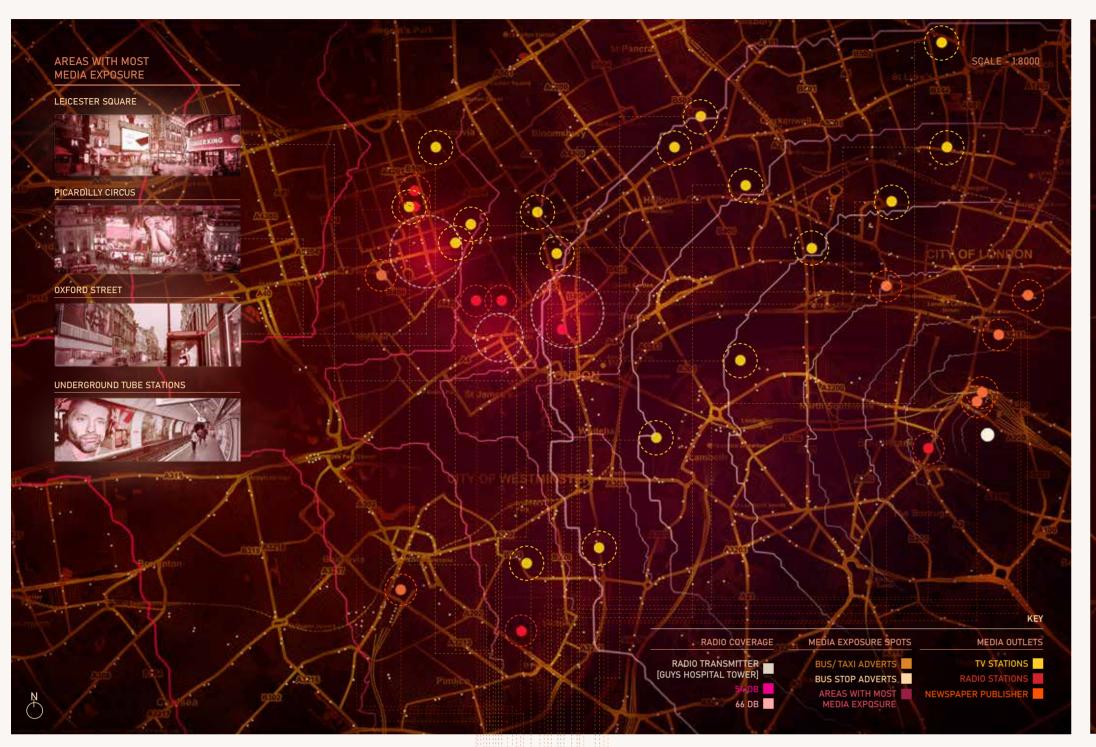


This mapping diagram highlights different non-governmental organisations around the world. Although the highlighted organisations have the potential to mitigate cliamte change fatigue, a few were selected that have the potential to galvanise climate action most effectively.

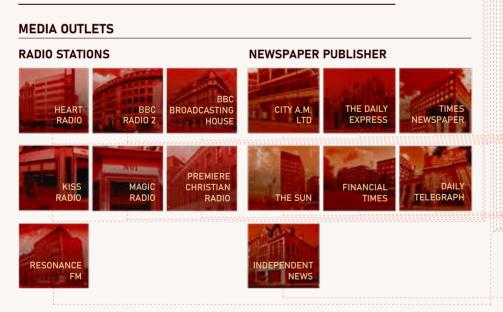
with climate change.

AN EXPLORATION OF **ENVIRONMENTAL NGOS** 

ALTHOUGH THE CLIMATE ACTION ASSEMBLY CAN BE DEPLOYED IN DIFFERENT REGIONS IN THE WORLD, THIS PROJECT WOULD BE SITUATED IN THE UK, CONSIDERING THERE WAS THE HIGHEST FREQUENCY OF ACTIONS FROM EXTINCTION REBELLION IN CENTRAL LONDON.



MEDIA ORGANISATIONS LOACATED IN SITE



### TV STATIONS



This mapping diagram showcases the oversaturation of media organisations in London. This can lead to an overload of information giving the representation of climate change become mixed and conflicting throughout different media outlets.

**ORGANISATIONS THAT CONTRIBUTE TOWARDS CLIMATE DISINFORMATION** 



L\_\_\_\_\_/

A COMPILATION OF MAPPING DIAGRAMS LOCATED OF CENTRAL LONDON WHICH HIGLIGHT THE DIF-FERENT STAKEHOLDERS THAT CONTRIBUTE TOWARDS CLIMATE DISINFORMATION AND DISTORT THE CONVERSATION IN CLIMATE CHANGE.



## SITE - HUNGERFORD CARPARK [OPPOSITE SHELL REDEVELOPMENT] SOUTHBANK, LONDON

 Shell Building is currently in redevelopment, introducing additional office, retail, and residential areas.

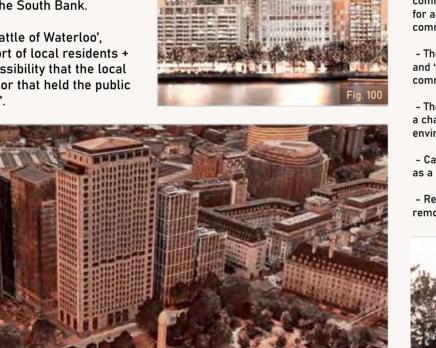
- Regeneration scheme for a site that is "somewhat neglected".

- There was a legal challenge held by writer and activist, George Turner, complaining about the lack of affordable housing and natural daylight, and the impact of views of the South Bank.

- Turner lost the 'Battle of Waterloo', even with the support of local residents + claims there is a possibility that the local government inspector that held the public inquiry was "biased".









### WHAT THE BASE COULD ADD TO THE SITE

 In response to the 'Battle of Waterloo', the community station can also become a platform for activists like George Turner and the local community to be heard + broadcasted

- The station can revitalise the 'neglected' and 'tired' site, and become a hub for local communities in Southbank

- The station can also give local communities a chance to interact + collaborate with different environmental NGOs

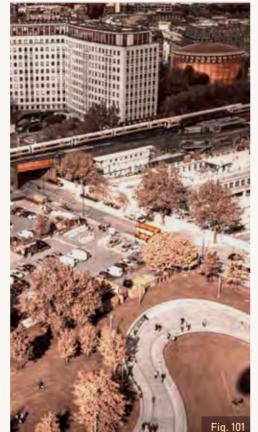
Can redevelop part of the Hungerford car park as a place for local communities

- Reduced usage of cars + promoting cycling from removing car park









WHAT THE SITE CAN OFFER TO THE PROPOSAL

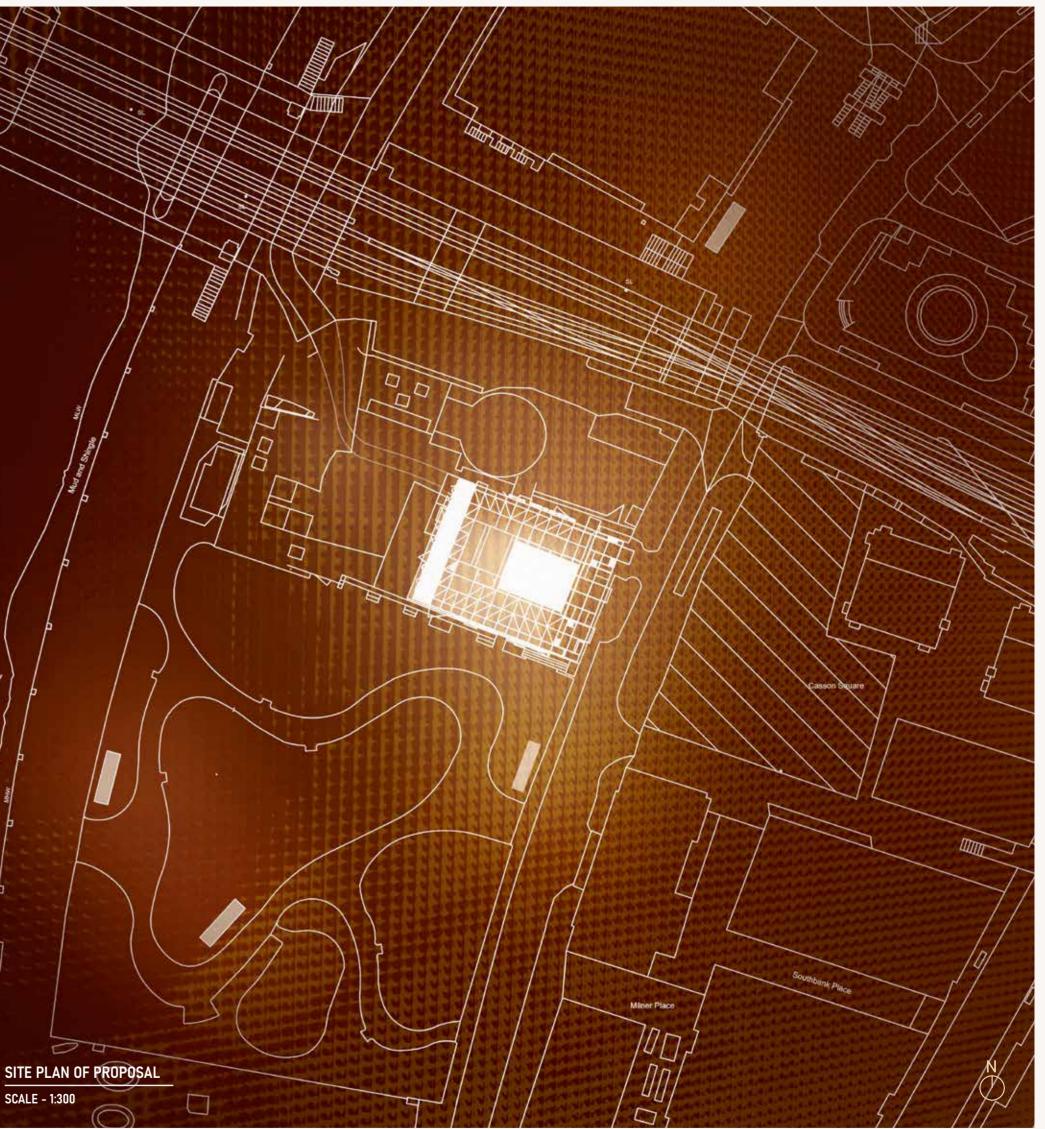
- Location opposite Shell with high foot traffic, central location

- Fits with the overall concept + narrative of standing out and responding to organisations that contribute towards climate disinformation

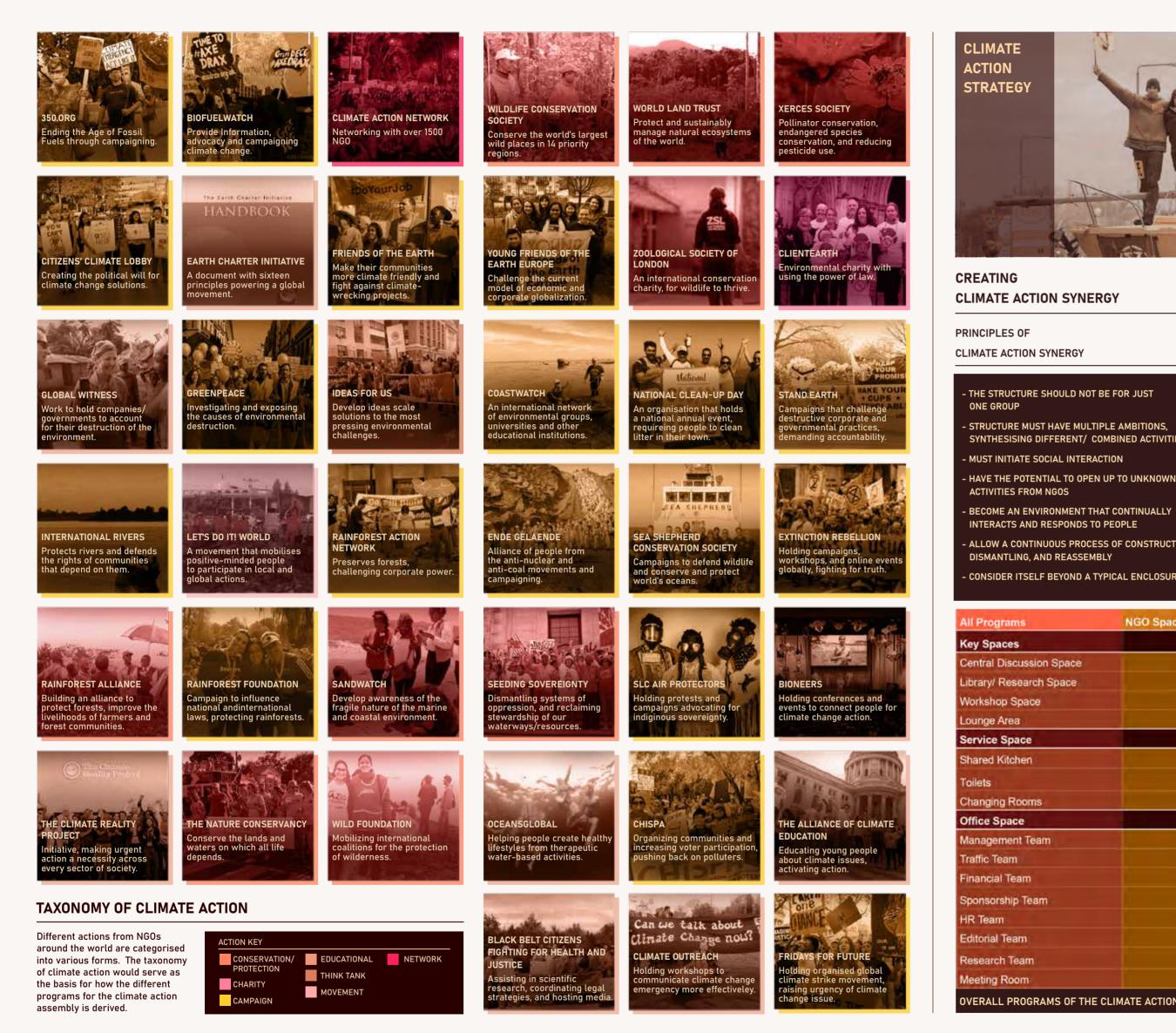
- In the vacinity of other media outlets/ organisations

- Surrounding site includes a mix of ecologies, gardens, attrations, and the thames

THE CAA AT SOUTHBANK, LONDON



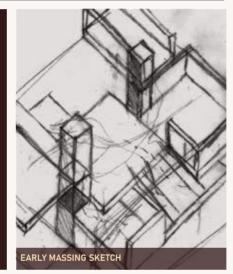
THIS PAGE IS A COMPILATION OF EARLY RESEARCH PAGES OF THE SPECIFIC SITE OCCUPIED BY THE CLIMATE ACTION ASSEMBLY AND A SITE PLAN OF THE PROPOSAL WHICH SHOWCASES HOW THE STRUCTURE SITS ON THE CHOSEN SITE. THE MAIN FACTORS FOR CHOSSING THIS SITE INCLUDES THE SITE PROVIDING A HIGH FOOT TRAFFIC FROM TOURISTS AND THE SITE BEING SITUATED OPPOSITE THE SHELL CENTRE.



CREATING CLIMATE ACTION SYNERGY



- THE STRUCTURE SHOULD NOT BE FOR JUST
- STRUCTURE MUST HAVE MULTIPLE AMBITIONS, SYNTHESISING DIFFERENT/ COMBINED ACTIVITIES
- HAVE THE POTENTIAL TO OPEN UP TO UNKNOWN
- INTERACTS AND RESPONDS TO PEOPLE
- ALLOW A CONTINUOUS PROCESS OF CONSTRUCTION
- CONSIDER ITSELF BEYOND A TYPICAL ENCLOSURE



	NGO Spaces	NGO + Public
ion Space		
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OVERALL PROGRAMS OF THE CLIMATE ACTION ASSEMBLY

## **KEY PROGRAMS OF** COMMUNITY MEDIA STATION

DISCUSSION SPACE + TV/RADIO RECORDING STUDIO + TRAINING ROOM [FOR GROUPS LIKE EXTINCTION REBELLION]

- A SPACE FOR NGOS + THE PUBLIC TO OPENLY DISCCUS THEIR FINIDINGS AND COLLABORATE TO FORM NEW IDEAS FOR CLIMATE ACTION

## LIBRARY/ RESEARCH SPACE

A SPACE FOR NGOS AND THE PUBLIC TO **RESEARCH, ESTABLISH NEW FINDINGS** 

PROVIDES INFORMATION FOR COMMUNITIES TO INDERPIN THEIR OWN CLIMATE ACTION

## WORKSHOP SPACE

- PROVIDING NGOS LIKE EXTINCTION REBELLION, A SPACE TO CREATE THEIR BANNERS/ ATWORKS/ STRUCTURES

WORKSHOP WOULD ALSO BE OPEN TO THE PUBLIC FOR COLLABORATION

## EDITORIAL + REPORTERS ROOM + CONTROL ROOM

PROVIDING NGOS LIKE DESMOG A SPACE TO OPERATE NORMALLY

- ALSO PROVIDES PROGRAMMES NEEDED TO RUN A COMMUNITY TV/ RADIO STATION

### TRANSLATION SPACES

ALLOWS GROUPS LIKE ' THE CLIMATE MUSIC PROJECT' TO TRANSLATE CLIMATE DATA OF THE UK IN TO MUSIC + VISUALS

- COULD HAVE DIFFERENT SIZED SPACES DISTRIBUTED THROUGHOUT THE STRUCTURE, **FRANSLATED** 

- THE TRANSLATION PROCESS CAN ALSO UTILISE THE SPACES PREVIOUSLY MENTIONED



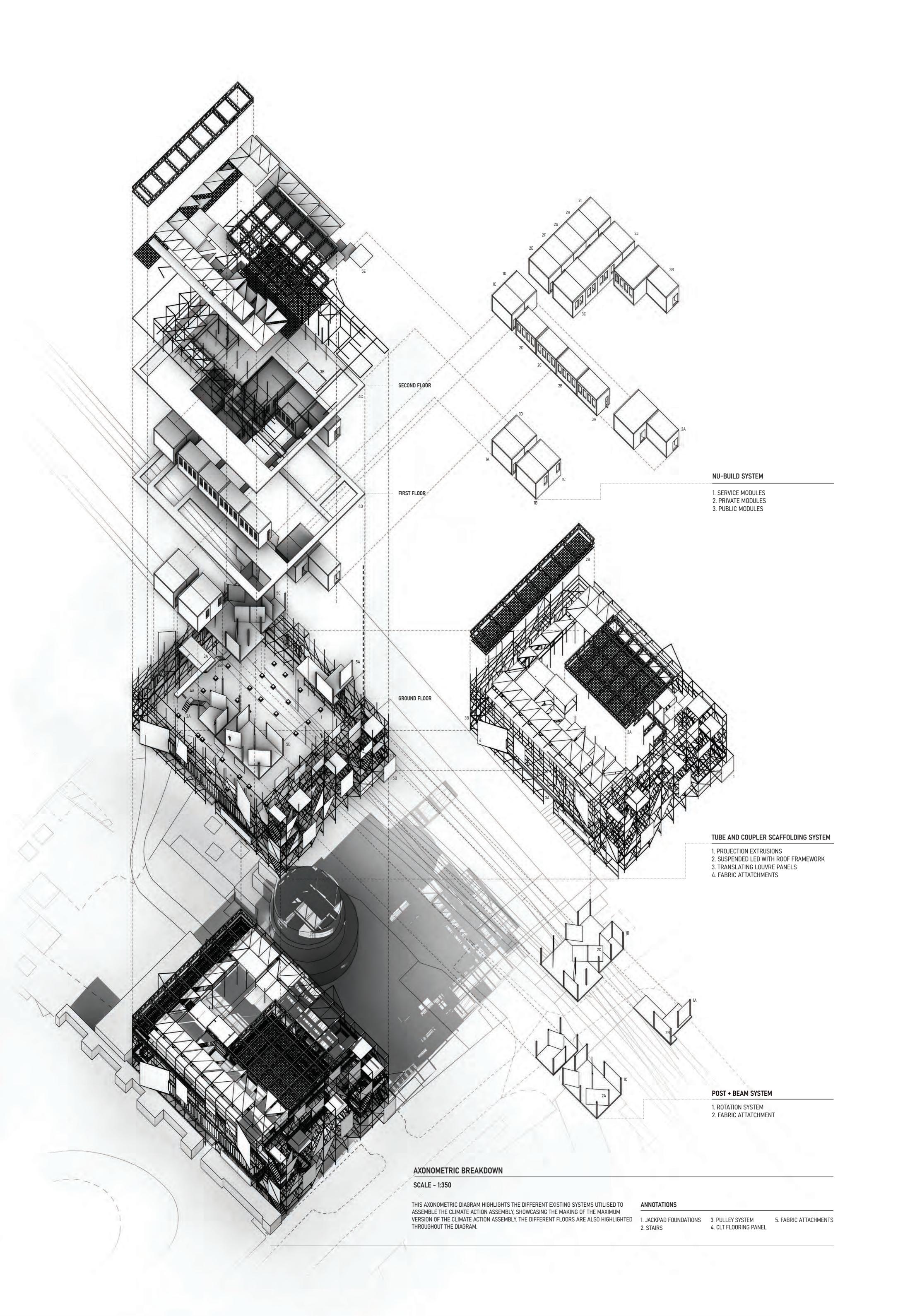


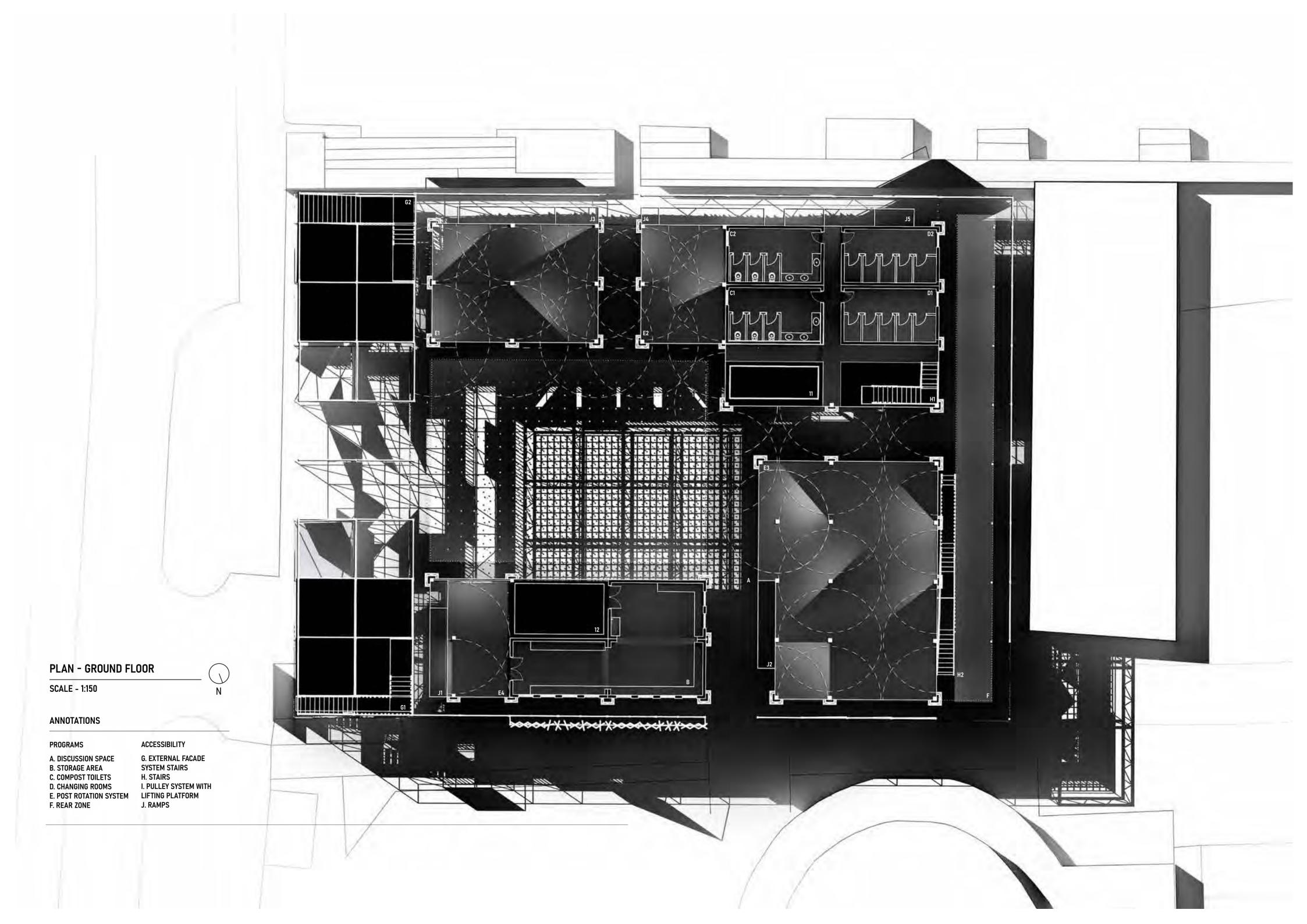


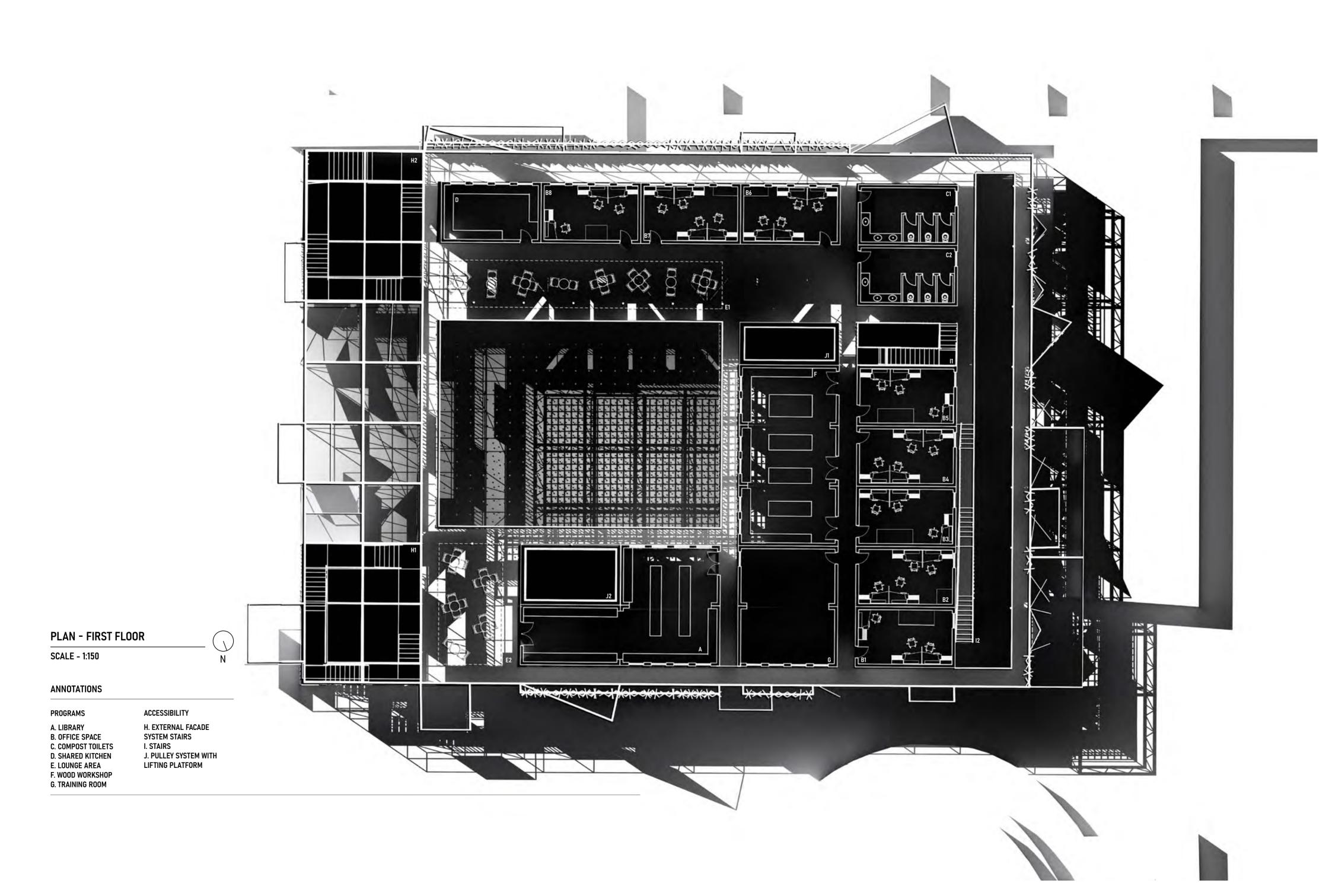


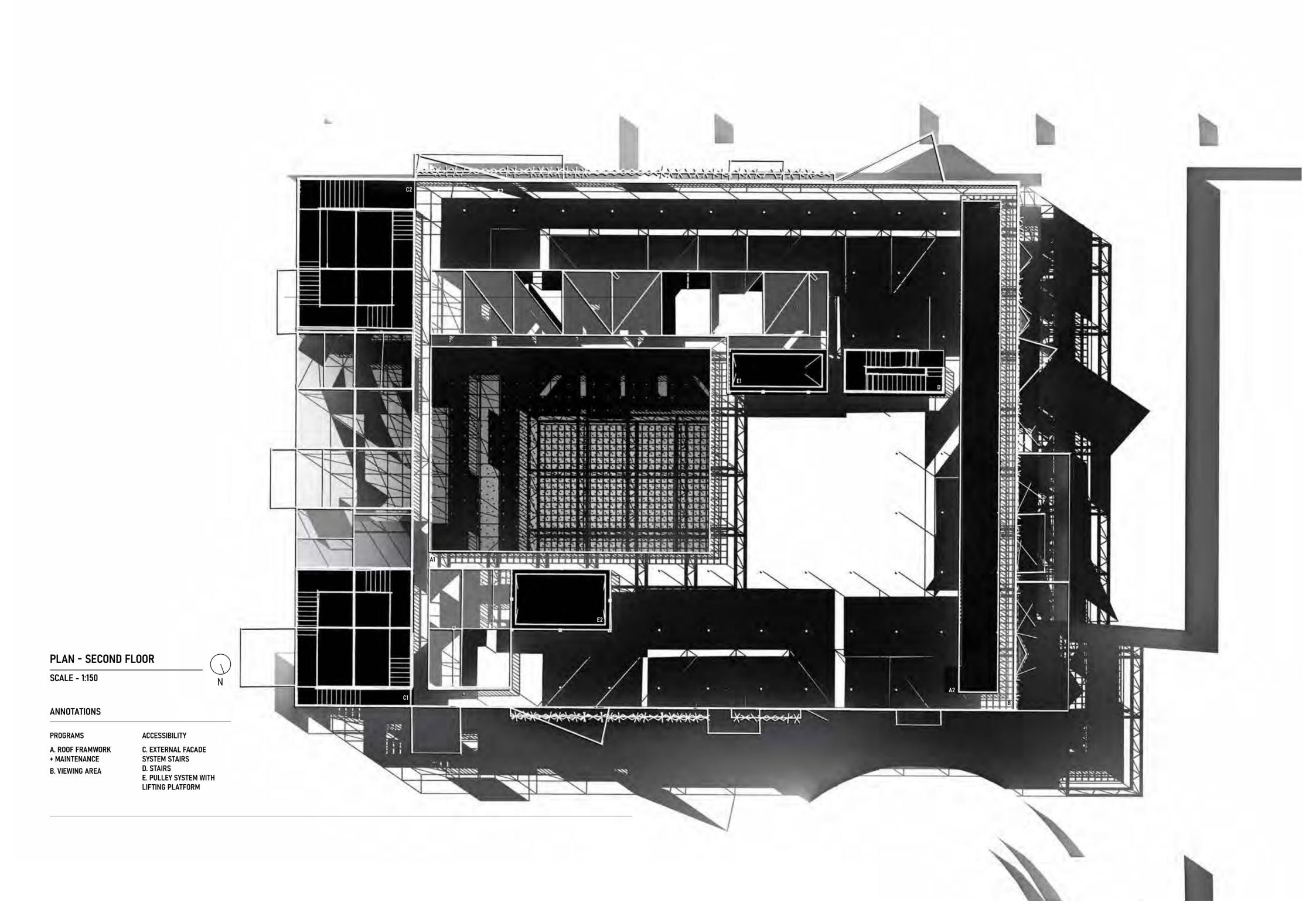


THE TAXONOMY OF CLIMATE ACTION SHOWCASES HOW DIFFERENT NGOS OPERATE AND HELPS DERIVE KEY PROGRAMS THAT DIFFERENT NGOS CAN UTILISE IN THE BASE. SOME OF THE PROGRAMS CAN ALSO PROVIDE OPPORTUNITIES TO OPERATE WITH THE PUBLIC. THIS COULD OVERALL HELP FORM SYNERGY WITH THE PUB-LIC AND THE ENVIRONMENTAL NGOS.









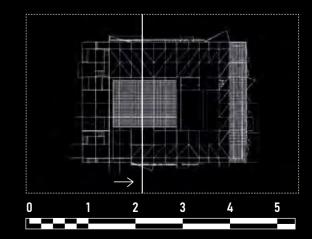
TRANSVERSAL SECTION



## ANNOTATIONS

EXTERNAL FACADE SYSTEM

- **B. ROOF FRAMEWORK FOR** SUSPENDED LED C. SUPPORTING STEEL TRUSS D. PROJECTION SYSTEM
- E. PULLEY SYSTEM
- F. STAIRS
- NU-BUILD MODULES A. TRANSLATING LOUVRE SYSTEM G. DISCUSSION SPACE H. LIBRARY
  - I. STORAGE SPACE J. MAINTENANCE + VIEWING AREA
- POST + BEAM SYSTEM K. ROTATION SYSTEM L. JACKPAD FOUNDATION
- M. FABRIC ATTATCHMENT



LONGITUDINAL	
SECTION	



### ANNOTATIONS

#### EXTERNAL FACADE SYSTEM NU-BUILD MODULES

- A. TRANSLATING LOUVRE SYSTEM H. OFFICE SPACE
- **B. ROOF FRAMEWORK**
- C. SUSPENDED LED
- D. SUPPORTING STEEL TRUSS K. RIGID INSULATION
- E. PROJECTION SYSTEM L. WATER VAPOUR
- F. PULLEY SYSTEM
- G. STAIRS

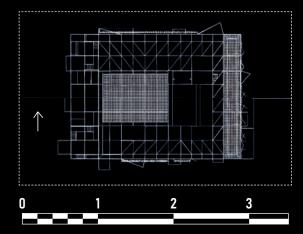
- I. WORKSHOP SPACE
- J. RAINSCREEN FACADE

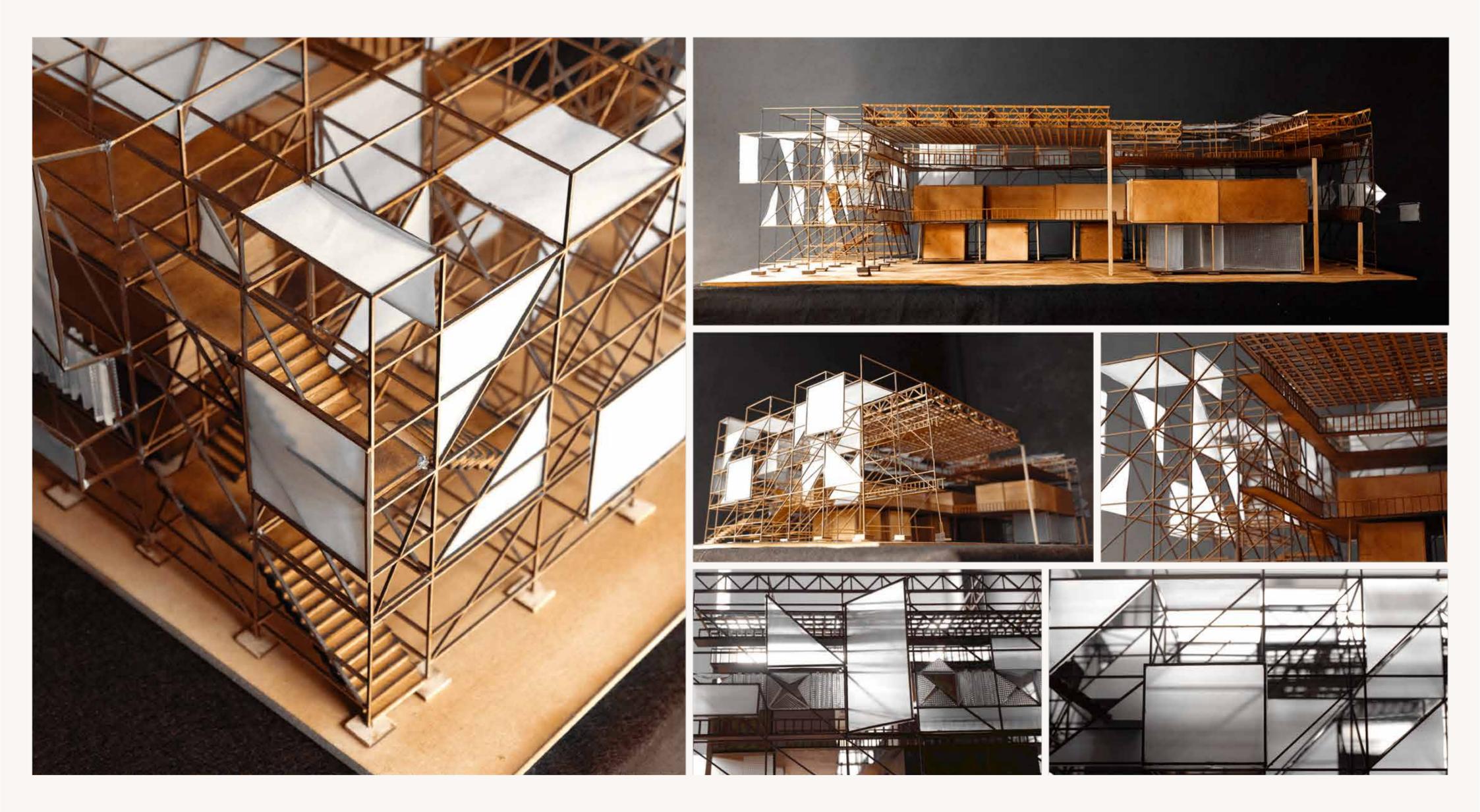
- M. PREFABRICATED CLT PANELS
- N. STEEL BRACKET CONNECTION

### POST + BEAM SYSTEM PROGRAMS

- 0. JACKPAD FOUNDATION S. DISCUSSION SPACE
- P. FABRIC ATTATCHMENT T. LOUNGE AREA
- R. GLULAM POSTS

Q. STEEL BRACKET CONNECTION U. MAINTENANCE/ VIEWING SPACE



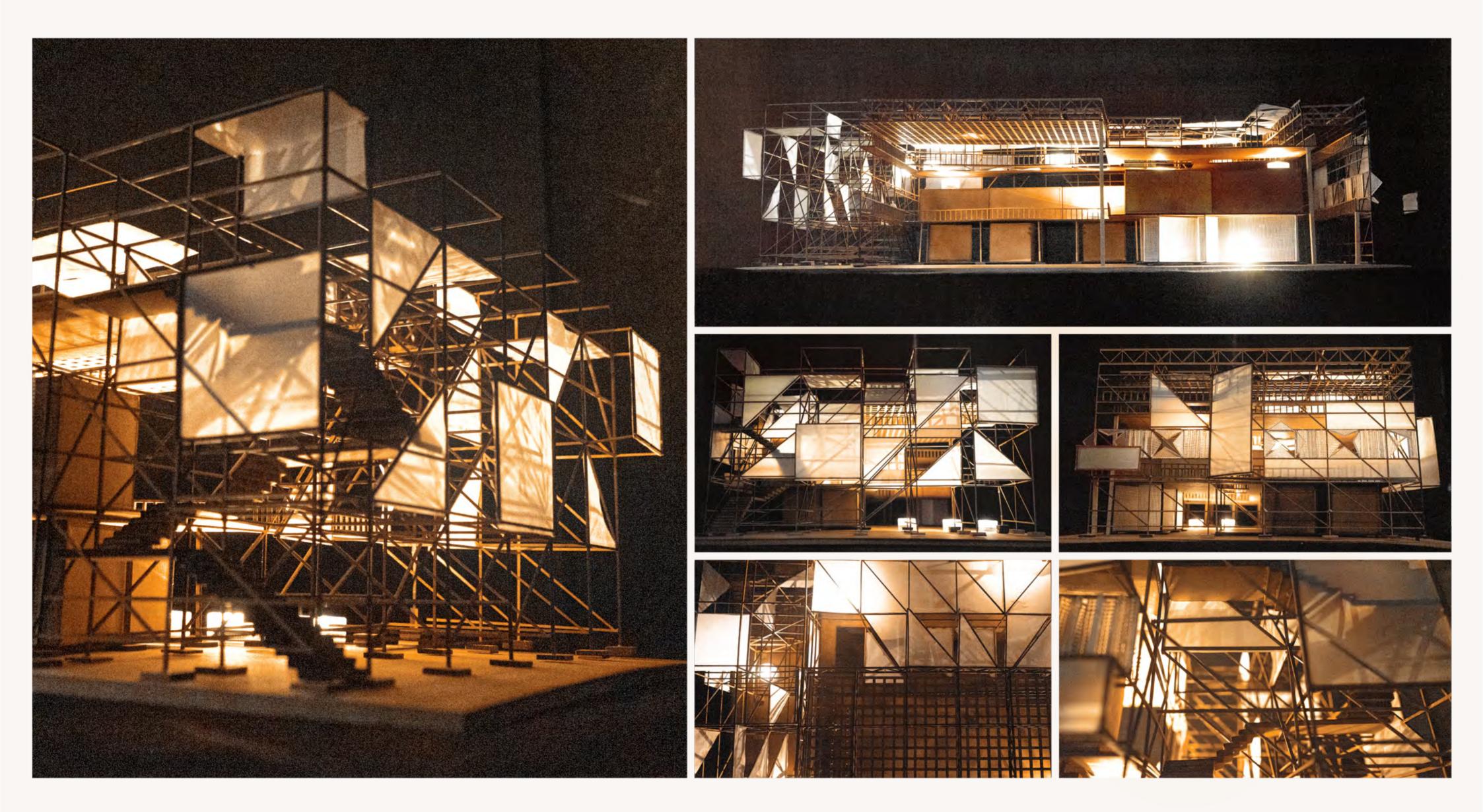


THE CAA 1:50 SECTIONAL MODEL THIS PAGE IS A COMPILATION OF PHOTOS TAKEN OF THE 1:50 SECTIONAL MODEL. THIS MODEL PHYSICALLY SHOWCASES THE FORM AND FRAMEWORK OF THE DIFFERENT SYSTEMS USED FOR THE CAA. PROJECTION SCREENS AND LOUVRE PANELS ARE HIGHLIGHTED THROUGHOUT THE MODEL. THE PHOTOS TAKEN ONLY UTILISES THE NATURAL LIGHT IN THE STUDIO.



THE CAA 1:50 SECTIONAL MODEL

DIRECTIONAL LIGHTING WAS USED FOR THE FOLLOWING COMPILATION OF PHOTOS, THE STRONG LIGHTING HIGHLIGHTS THE PROJECTION SCREENS, AND LOUVRE PANELS IN THE MODEL. INHABITATION SITUATED IN THE MODEL IS ALSO EFFECTIVELY HIGHLIGHTED.



THE CAA 1:50 SECTIONAL MODEL

LED LIGHTS WERE USED FOR THE FOLLOWING COMPILATION OF PHOTOS. THESE HIGHLIGHT MULTIPLE AREAS OF THE MODEL AND CREATE A GLOWING EFFECT FOR THE 1:50 MODEL. THIS WOULD BE SIMILAR TO THE EFFECT OF HOW PROJECTIONS COULD LIGHT UP THE OVERALL STRUCTURE.















