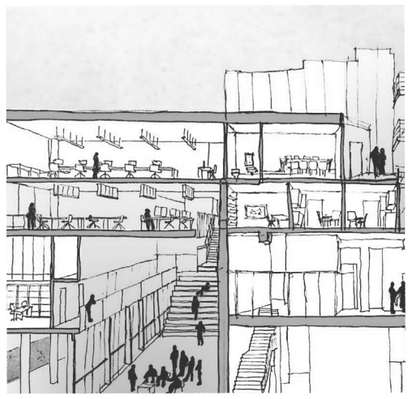
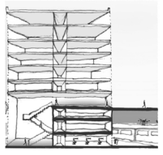
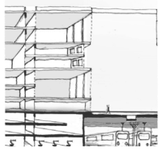
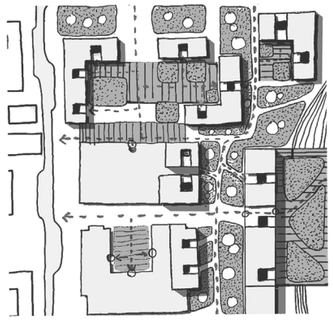
Selected Works

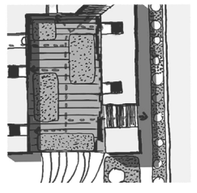
academic and professional

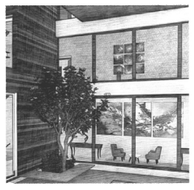


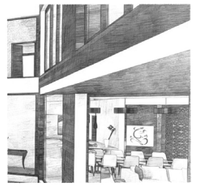


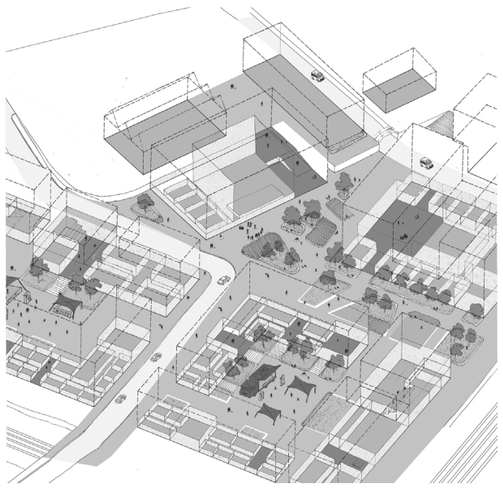












MANASA ALURU

aluru.manasa@gmail.com

MANASA ALURU

aluru.manasa@gmail.com

+447768953422

WORK EXPERIENCE

Foster + Partners, India
Architectural Assistant 2
Sep 2017-August 2018

RSP Consultants, Bangalore
Architectural Intern
Jan 2017-Apr 2017

Mistry Architects, Bangalore
Architectural Intern
Jun 2016-Dec 2016

EDUCATION

AA School of Architecture, London
Masters in Housing and Urbanism
Sep 2018-Sep 2019

R V College of Architecture, Bangalore
Bachelors in Architecture
GPA: 7.92/10 (First Class with Distinction)
2012-2017

Narayana Junior College, Hyderabad (I.P.E)
96.1% and Distinction Certificate
2010-2012

SOFTWARE SKILLS

Adobe Suite
Autocad
Sketchup
Revit
Rhino
Lumion
Enscape

SKILLS

Sketching
Architectural Writing
Public Speaking

PUBLIC SPEAKING

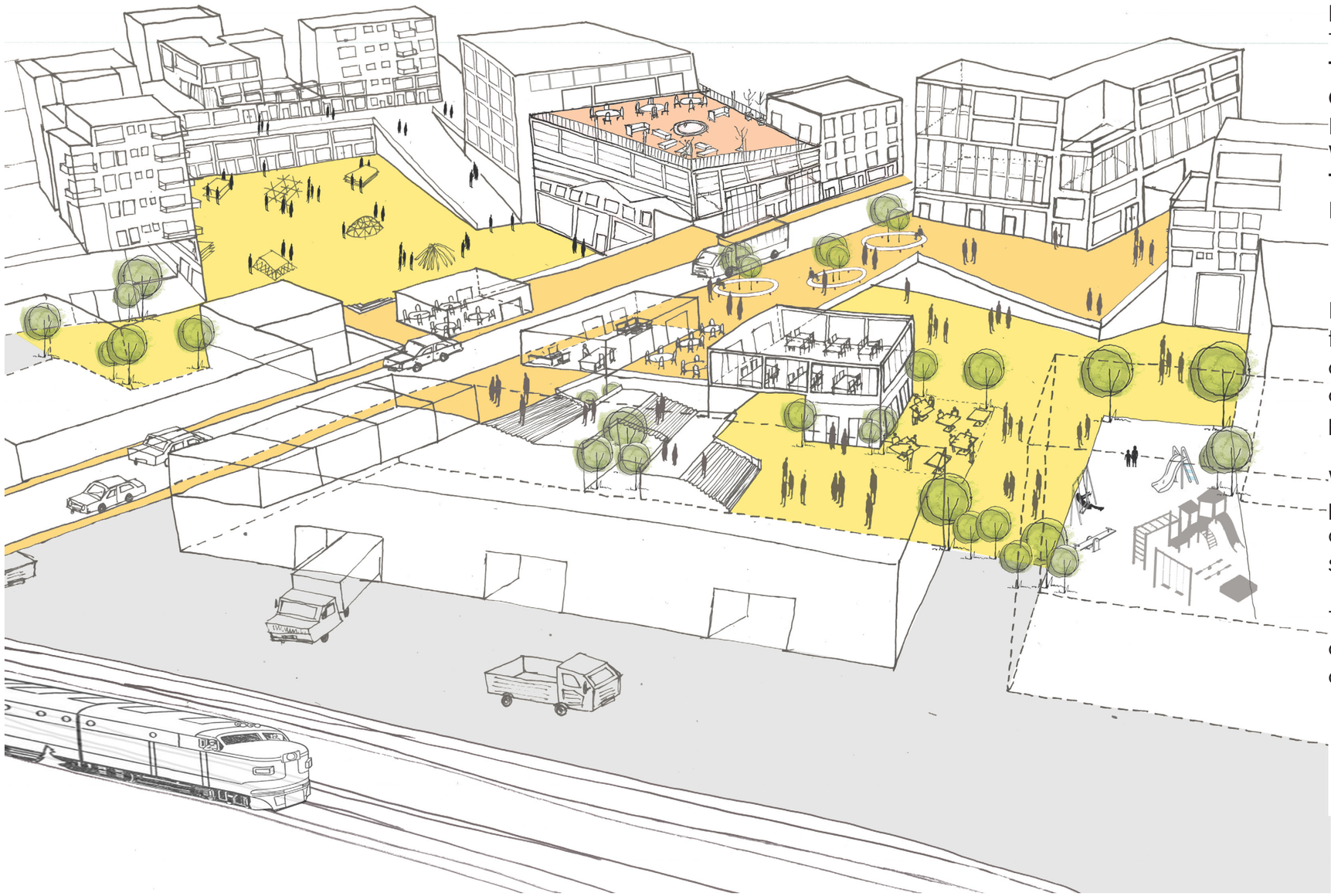
National and International Level Parliamentary Debating
Champion- NLSD 2017, IWDC 2015, NIT Suratkal 2013
Finalist- CUPD 2017, NALSAR 2017, SMC 2017,
MSRIT 2016, VIT 2016

r e s u m e

contents

Industrial Ecology

Design Industry as a Driver of Transformation of an Urban area



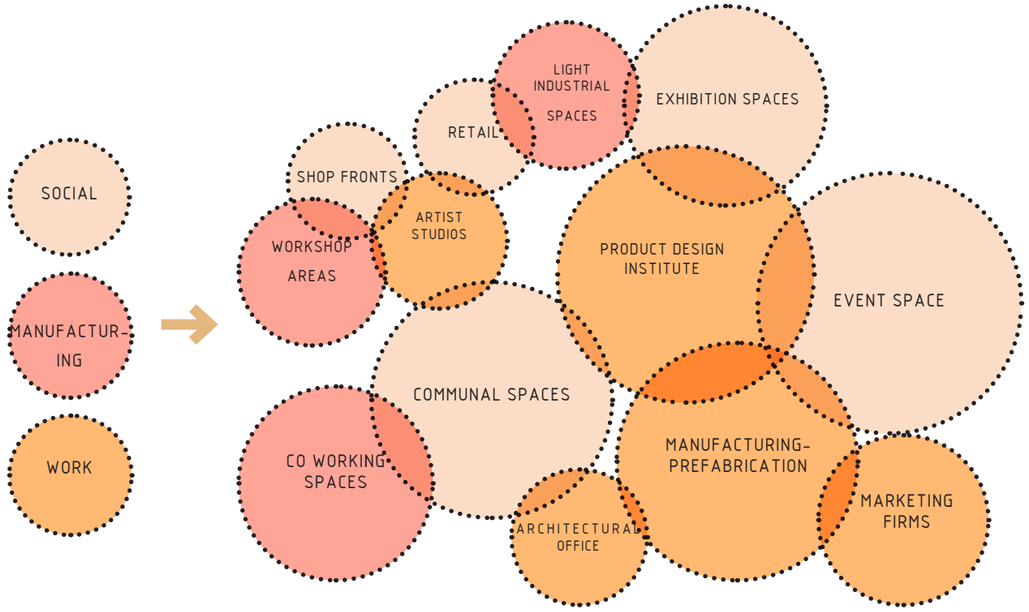
Postgraduate Studio Work- 2019
Two Member Team
Tutor : Dominic Papa
Contribution : Project Leader, Design Development, Formatting of Book and Entire Written material
Tools : Handsketching, CAD, Sketchup, Photoshop

Design as an ecology can be understood from the point of idea generation to the production and marketing of it. This process requires a lot of collaborations and inputs from several actors that provide intriguing possible synergies.

When such industries start clustering together, they provide better efficiency in the way they get serviced and opens up avenues for knowledge sharing and showcasing.

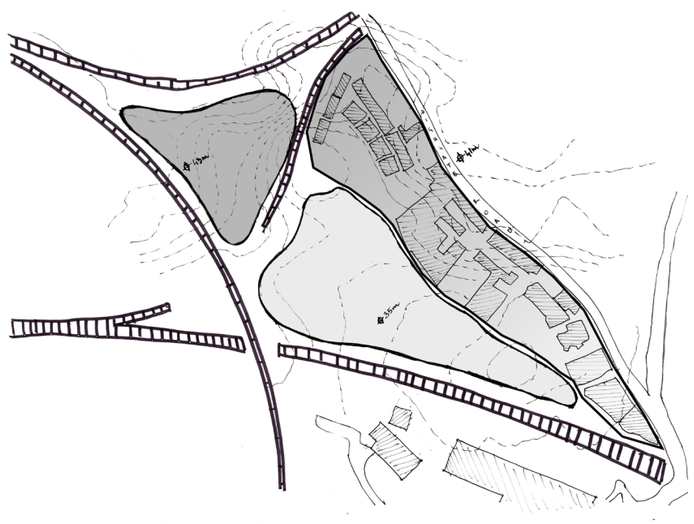
This methodology is explored in an inner peripheral area of London (Kentish Town) and ways to transfom and intensify it.

01



Separate

Integrated



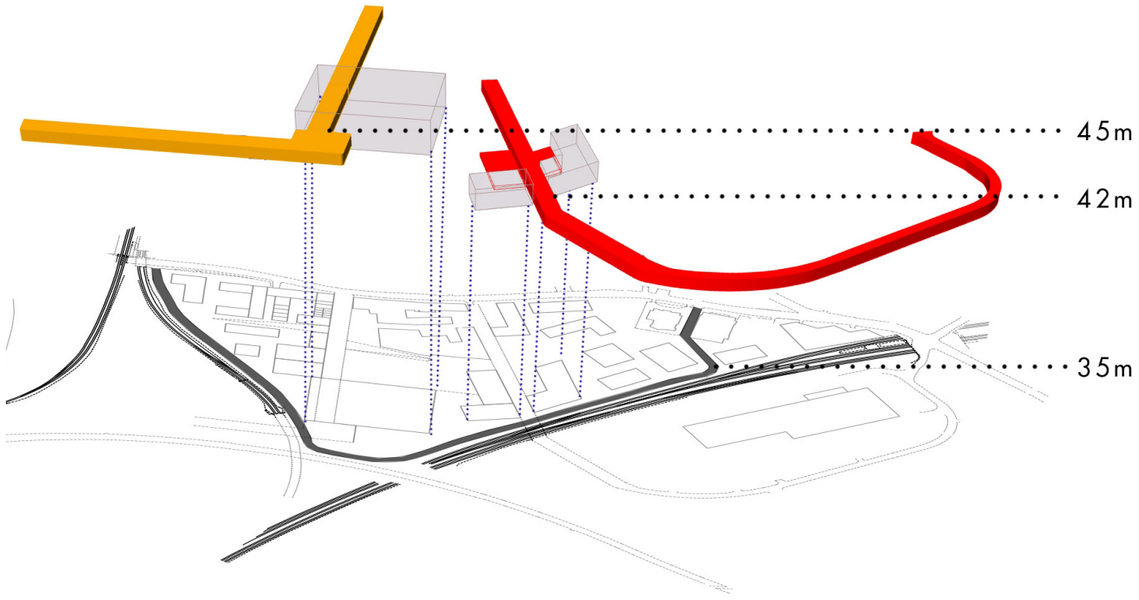
The site drops 6m from the road level with a railway line bifurcating the two parts. The northern triangular pocket slopes up again.

Very little gridness and regularity owing to the criss crossing of infrastructure.

Improving micromobility and connections across site

Transition from a grain size of smaller industries by the high street to deeper blocks by the railway with a shearing central armature.

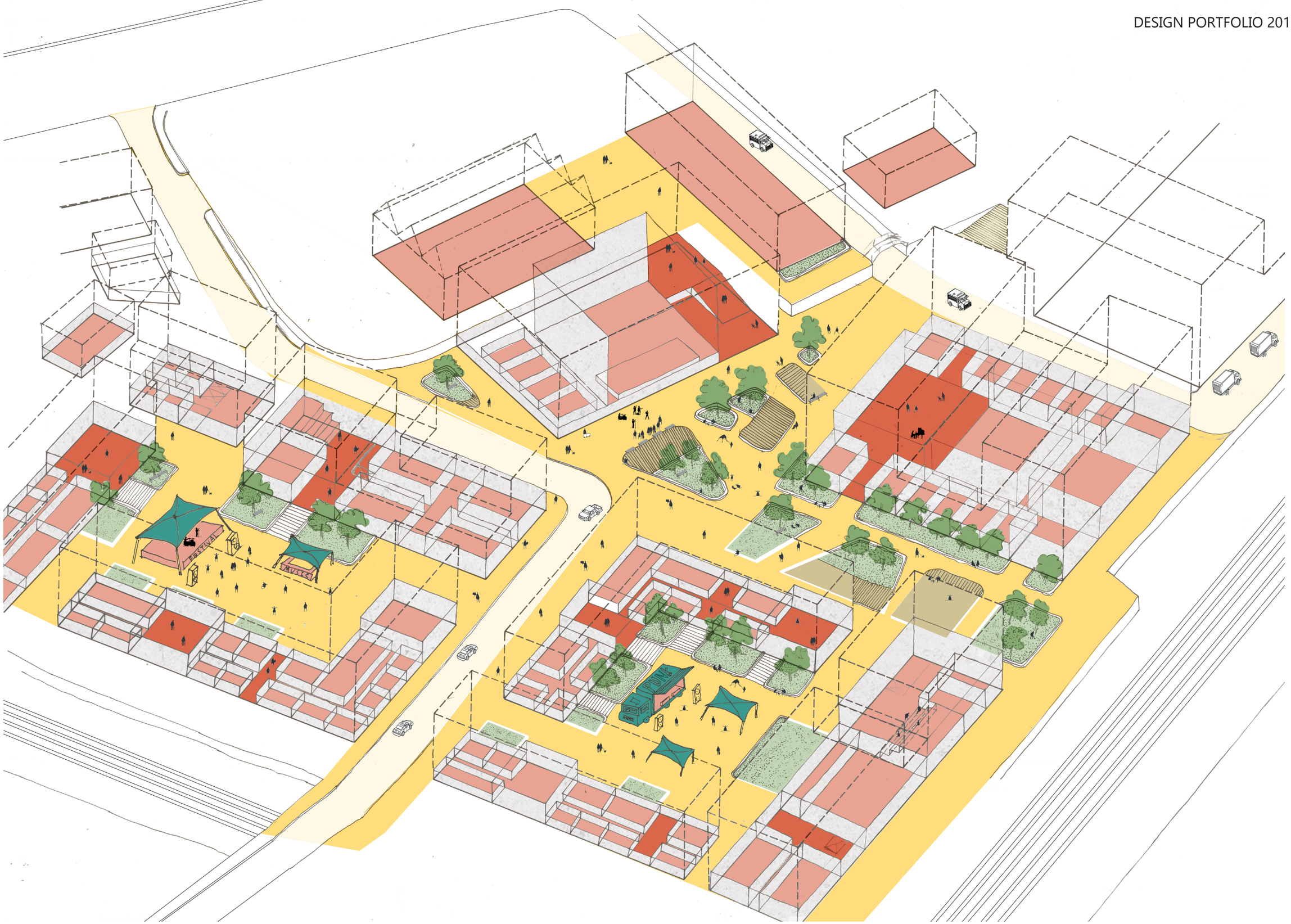
restructure



This topography allows different uses to coexist such as industry and housing.

Interaction of the central armature with the spaces at 35m level

loops and levels



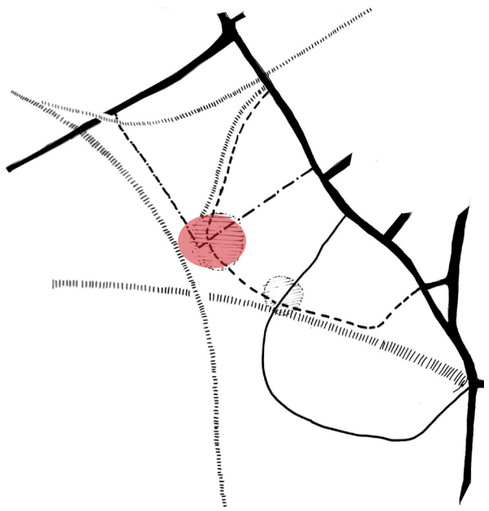
layered ground

Residential decked on Industry

Integration of housing and industry at 45m level

The areas with the large industrial footprints create a possibility for stacking while also utilizing the level difference that occurs on the site.

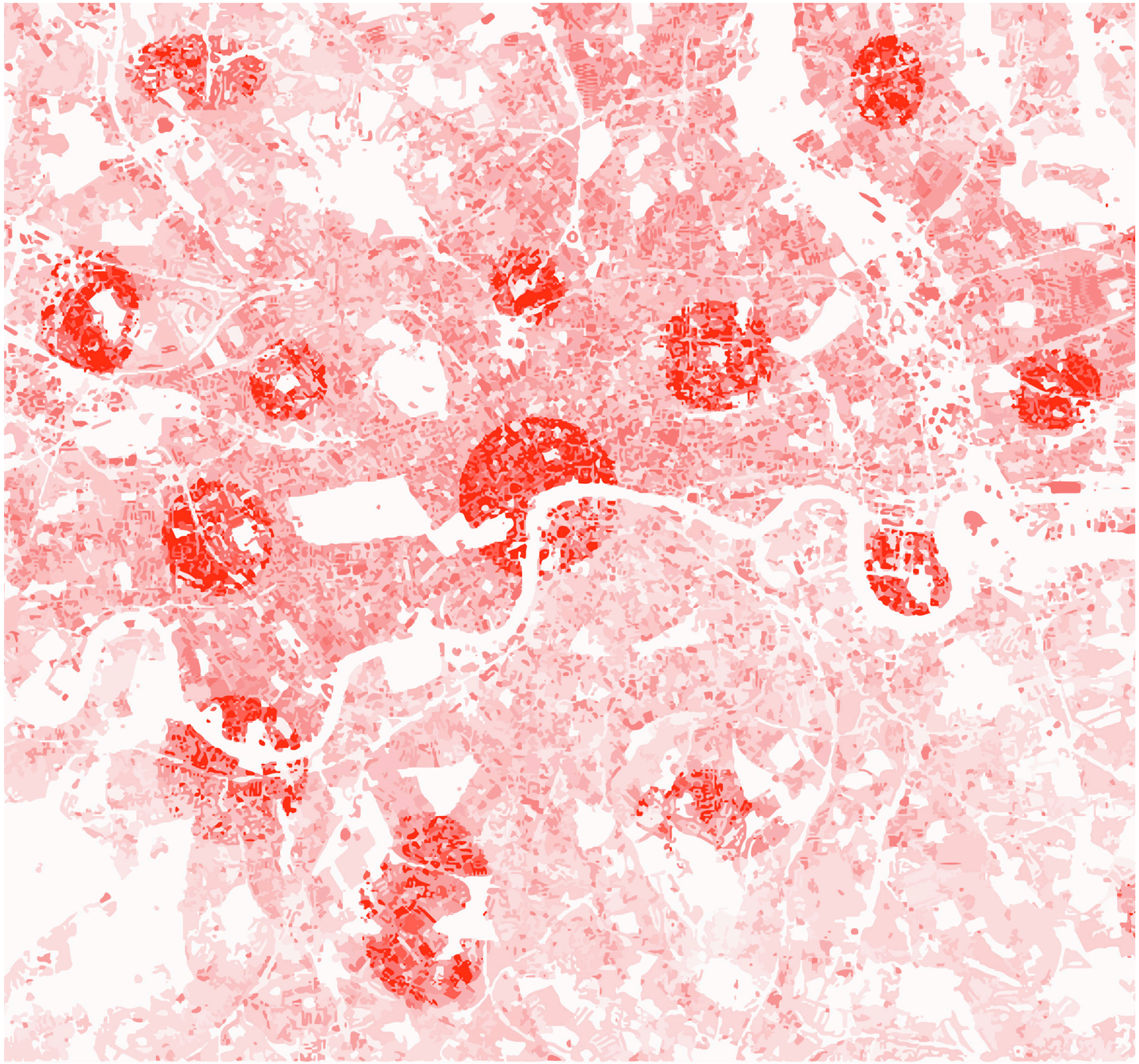
stacking



The elevated ground floor above the industry acts as a common ground for the institute, housing and as a connection towards Hampstead Heath.

points of transfer

Infrastructure as an Incubator



Spatial Strategies for Railway Projects in the Periphery

PostgraduateThesis- 2019
Individual
Tutor : Lawrence Barth
Tools : Handsketching, CAD, Photoshop, Illustrator

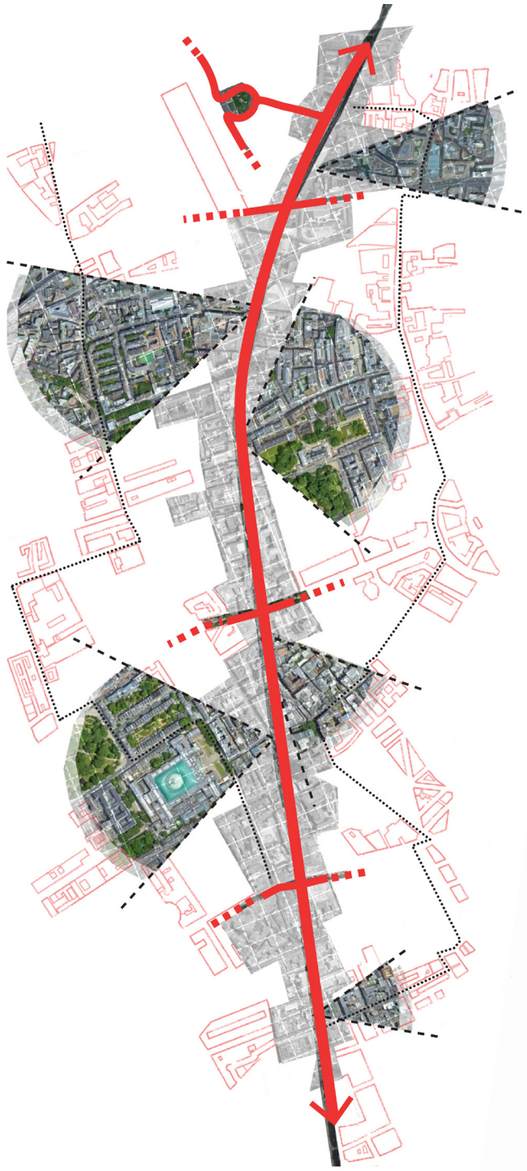
As London attempts to be a more polycentric city, increased infrastructural investment continues to be a primary driver of change.

How should the city plan for the urban tranformation that projects such as Crossrail generate? This is especially difficult when it comes to peripheral areas of the city that have more ambivalent patterns of development.

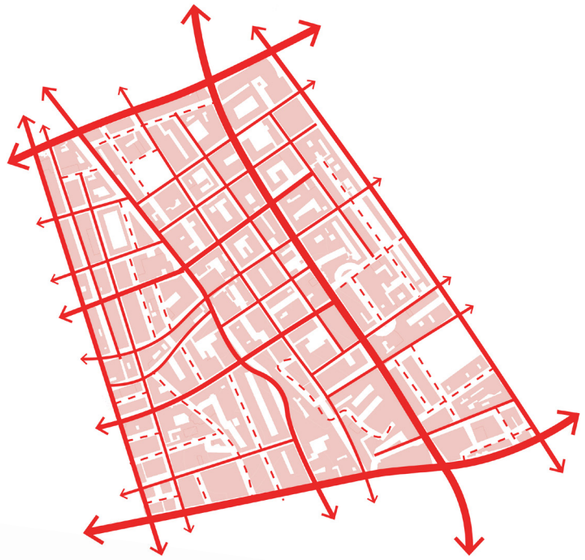
The central question of this thesis is about how one expands the real value of the investment in the infrastructure by integrating questions of mobility with strategic spatial planning using tools of precedent and project driven strategies.

These concepts are explored in Romford- a peripheral site in London getting transformed by Crossrail.

02.

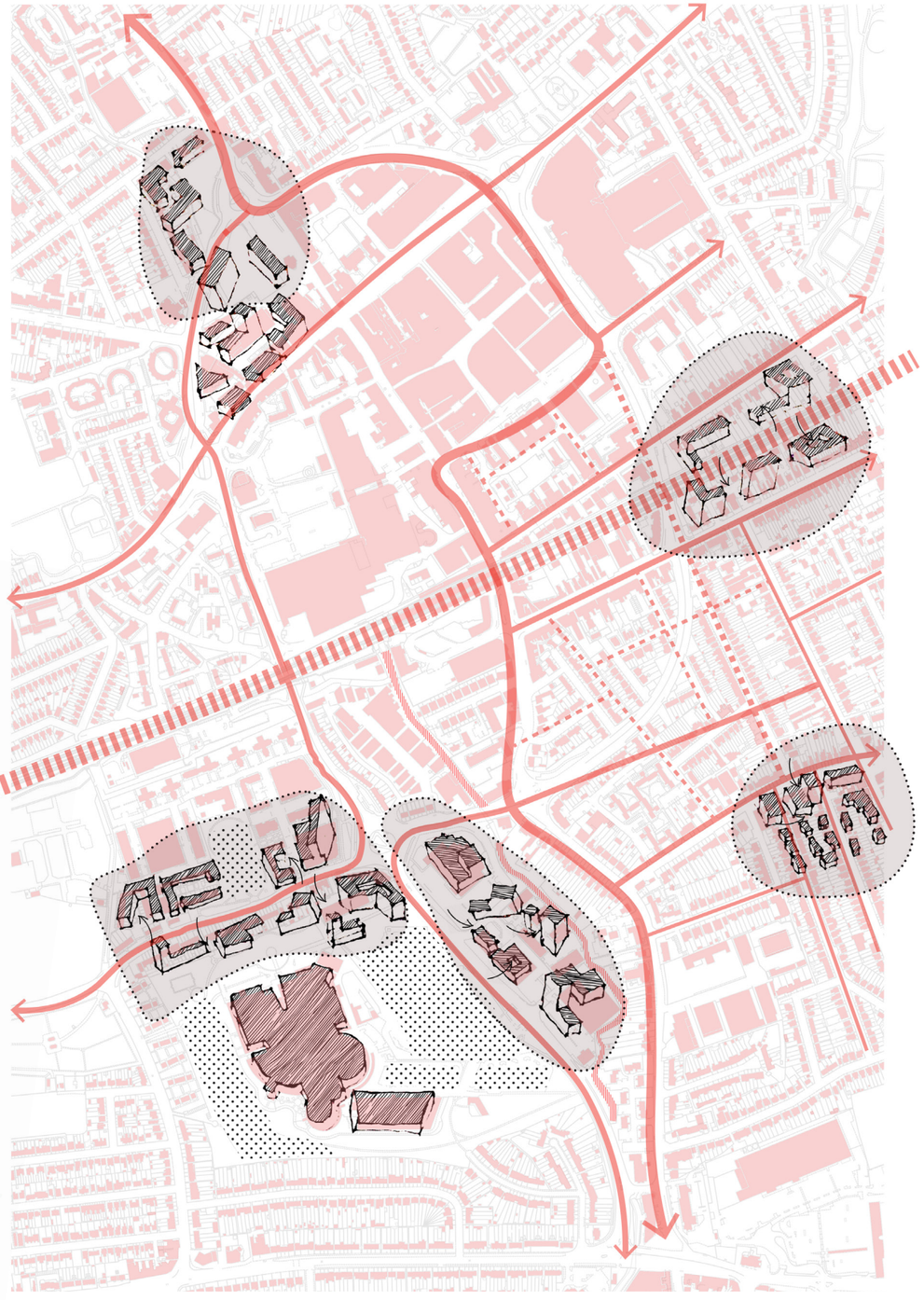


Shifting from a logic of corridor to that of an area



Street based structure of Fitzrovia

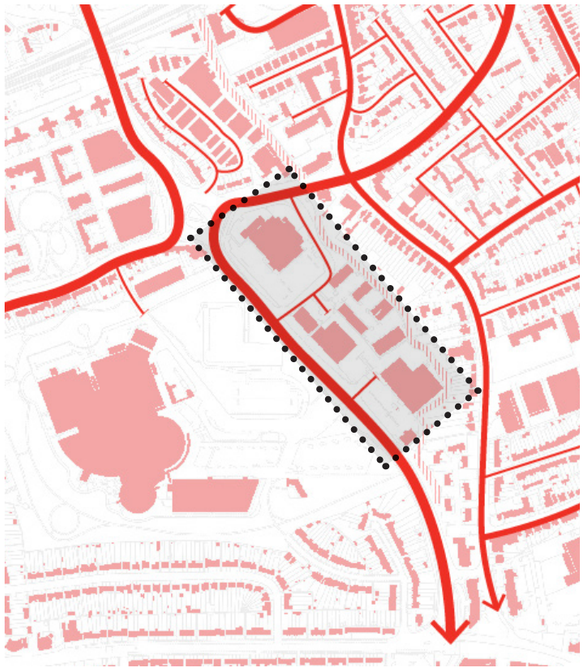
Campus based structure of Bloomsbury



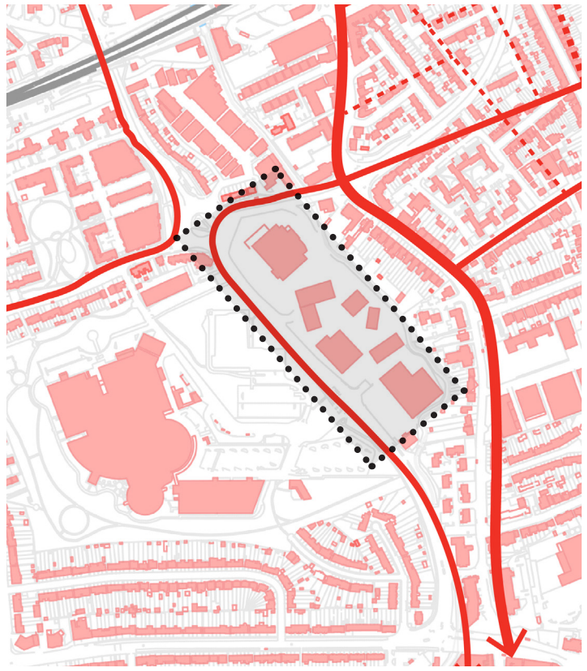
Value Strategy scenarios in Romford with an altered mobility network

urban area

SCENARIO 1 : RECLUSER AND LAYER



Existing mobility network and morphology

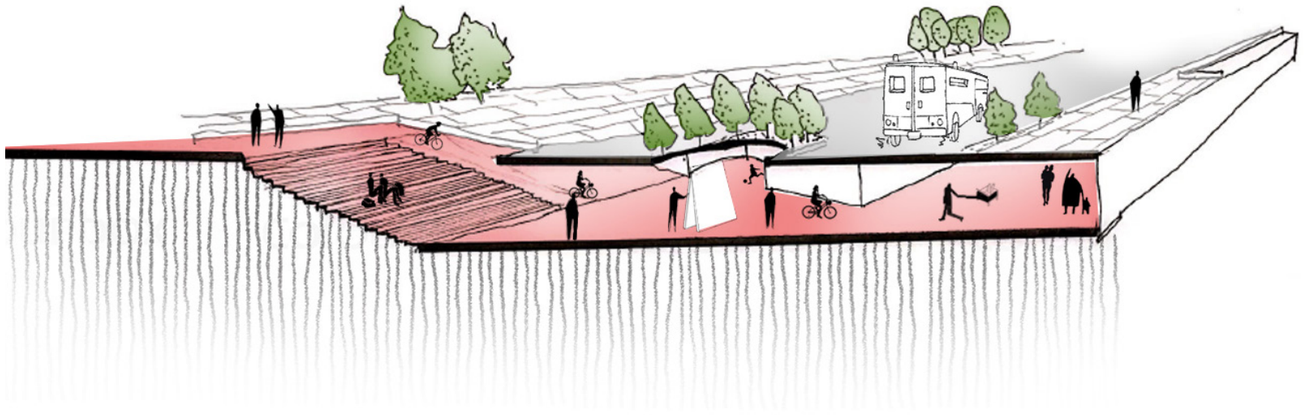


Reclustering to enable a scaling up of shared spaces

Clustering and Layering of the ground to enable micromobility

SCENARIO 2 : REPRIORITIZE MODES OF MOBILITY

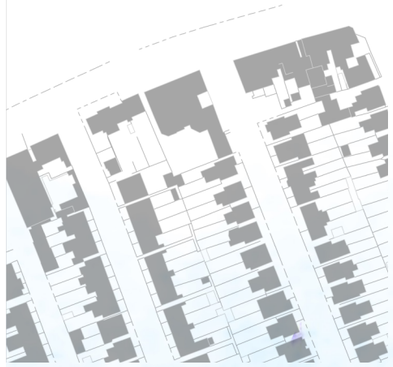
Nature of subway crossings in Romford



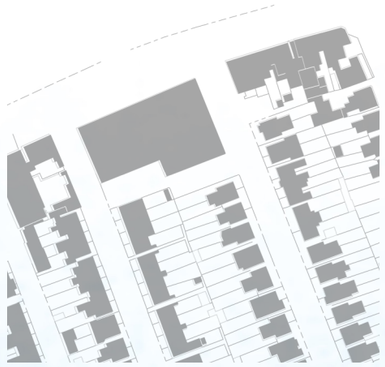
Expanding the priority and generousity of the underground connections

scenarios

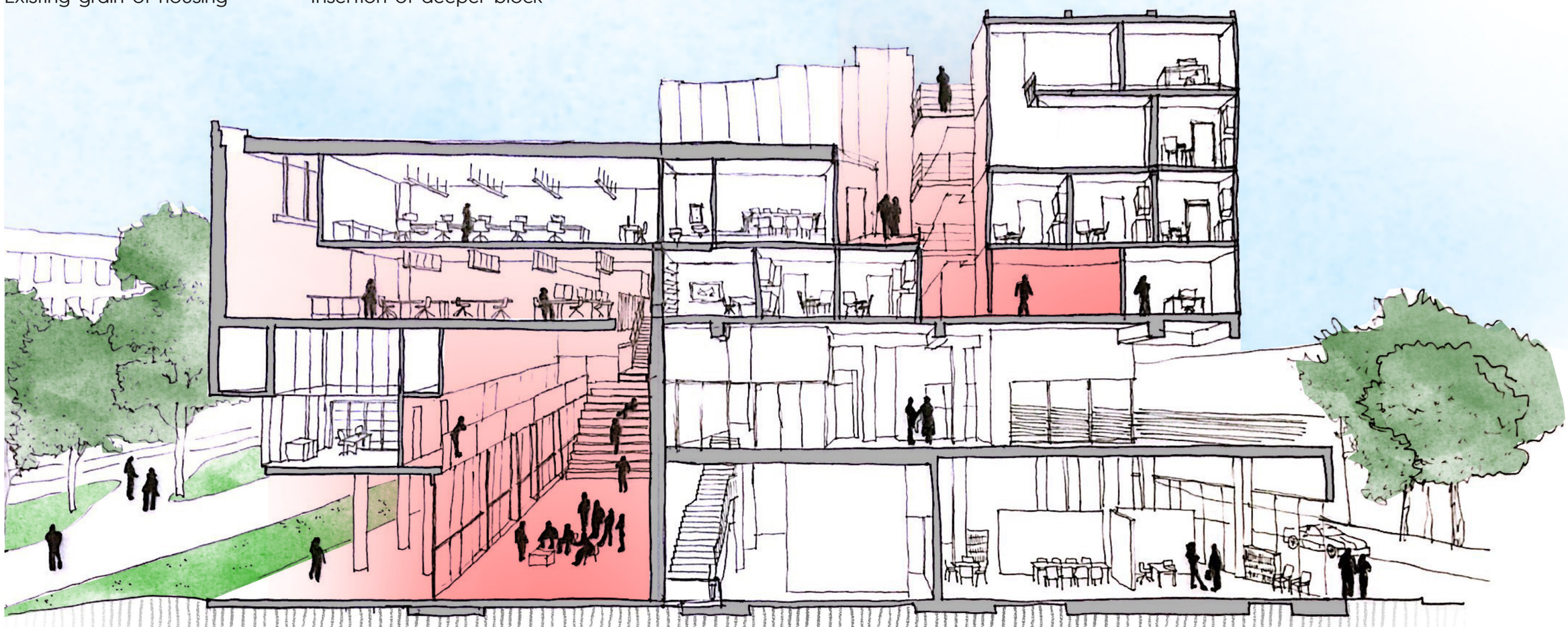
SCENARIO 3 : VALUE OF DEEPER BLOCKS



Existing grain of housing



Insertion of deeper block



Organisation of amenities and housing using a deeper block

deep block

Streets, Strips, Compounds and Campuses

Explorations in the Industrial District of Warsaw

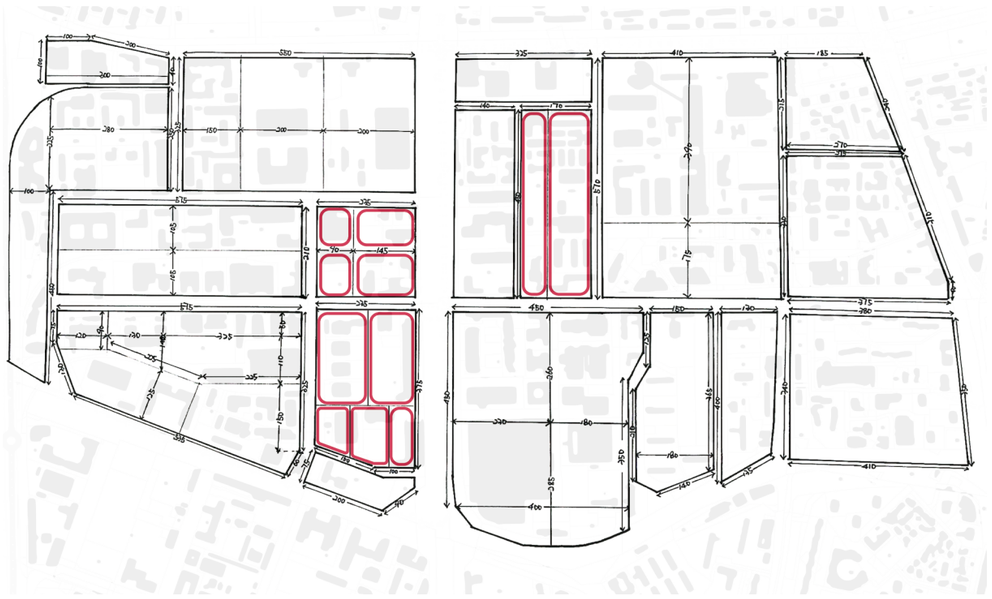
International Design Workshop- 2019
Eight Member Team
Tutors : Dominic Papa, Lawrence Barth
Contribution : Project Leader, Design Development, Chief Presenter
Tools : Handsketching, Photoshop

The employment lands in Warsaw have transtormed in recent years into a secondary business district. This area is very diverse in terms of its functions and vocations. Can its synergy and integration be enhanced? This is an exploration of how the mechanisms of change are inscribed in the morphology of the area itself.

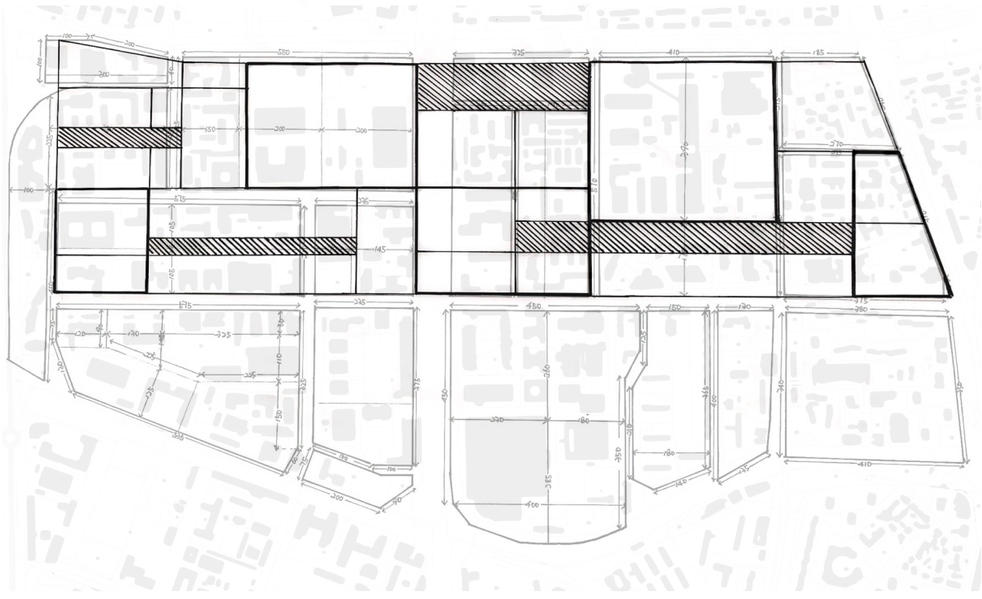
Transformation can occur through typological evolution within existing forms; through infill and the accumulation of elements; through major or signature projects; or through more fundamental block reorganization.

To select mechanisms of change depends not only on a reading of continuities, but also on the visions, values, and scenarios of an emerging urbanity.

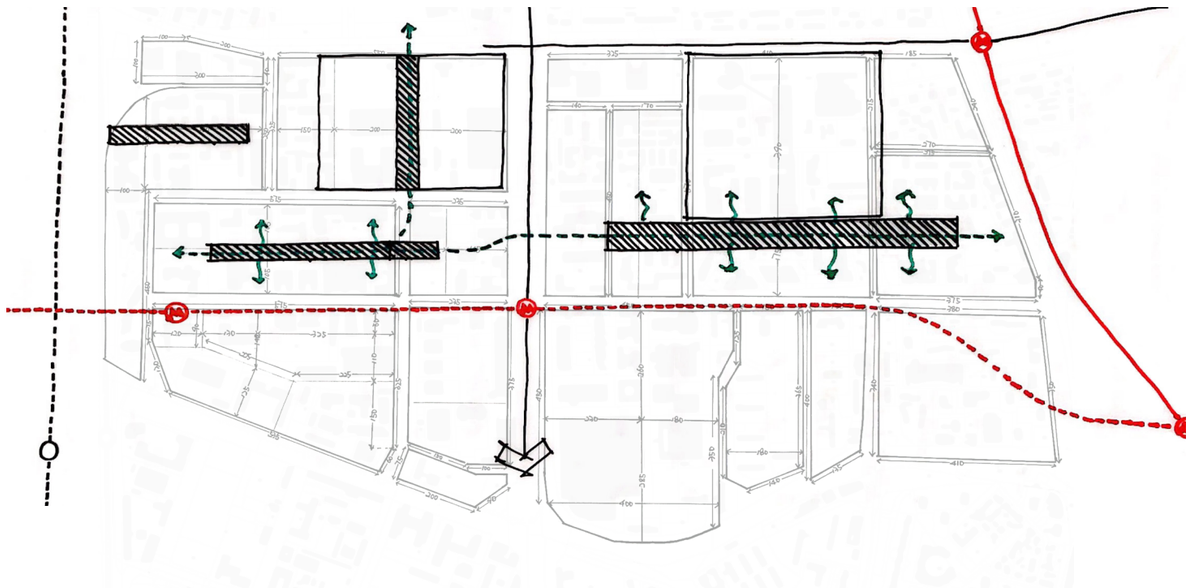
MORPHOLOGY OF THE AREA



Deep blocks that encourage different orientational patterns- toward the street or an accumulation around central spaces in a compound or campus form.

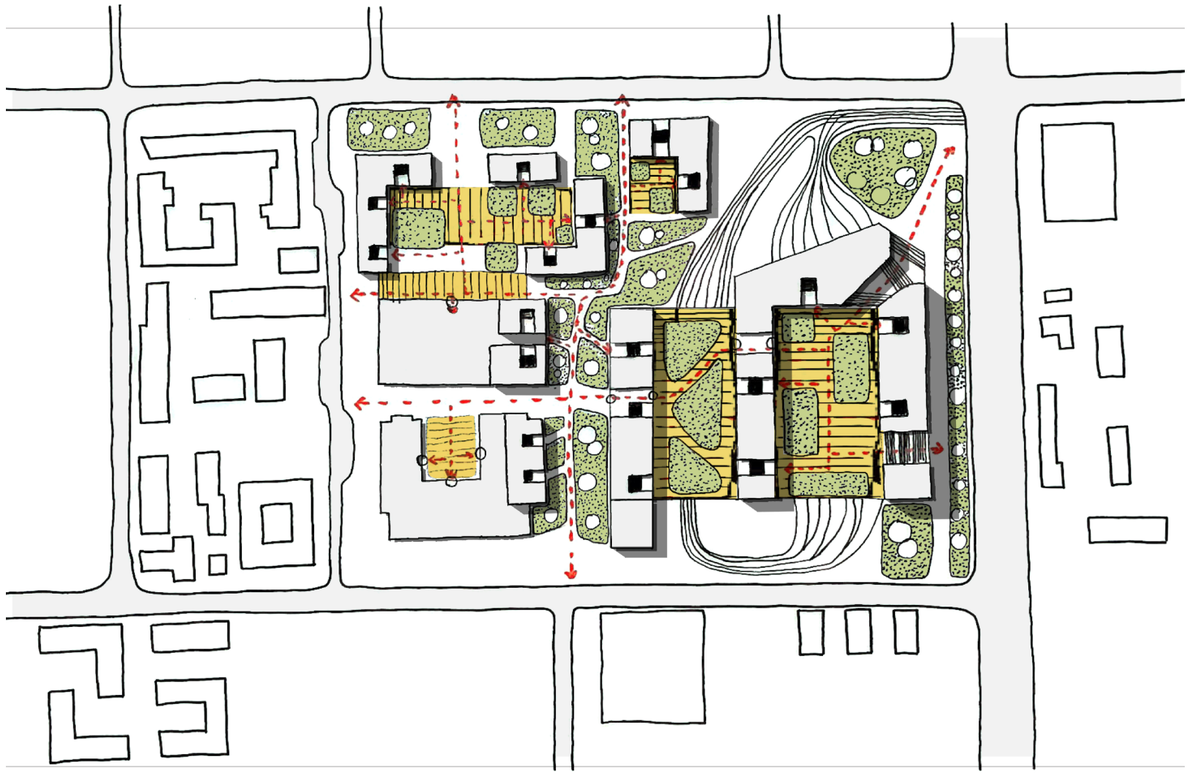


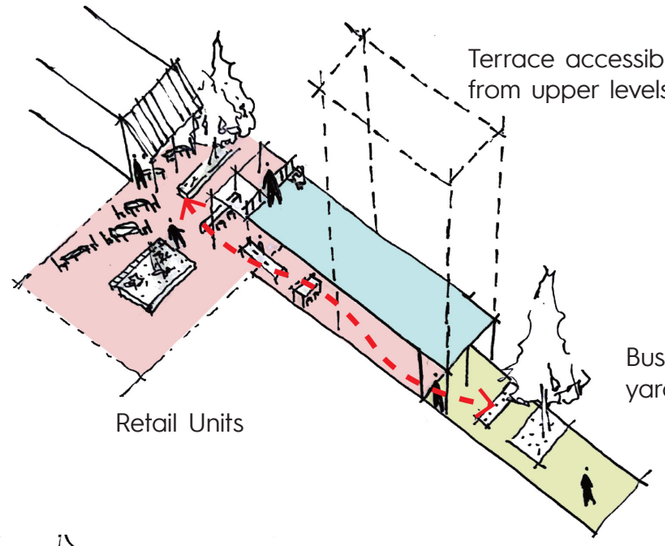
Opportunity for development of strips interior to the system of deep blocks to generate improved secondary circulation and connectivity.

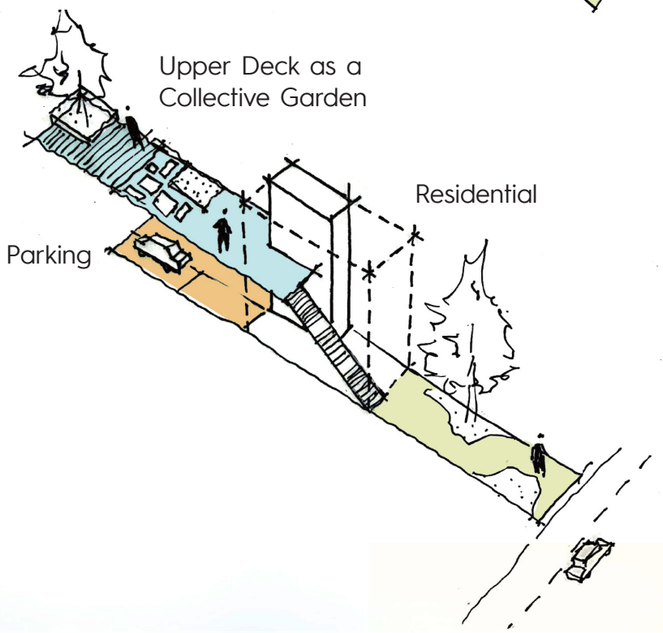


Between the idea of compound and that of campus there is a subtle difference of dimension, edge quality, landscape, and composition.

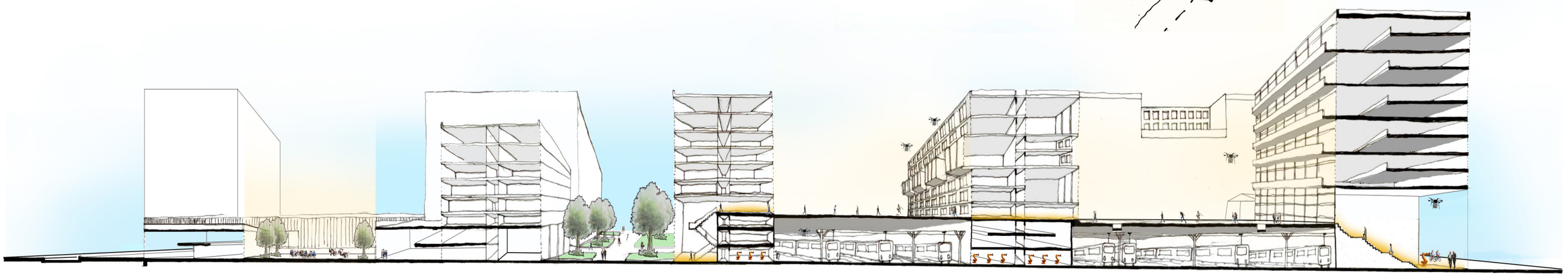
SCENARIO 1 : Progressive Transformation of the Big Box





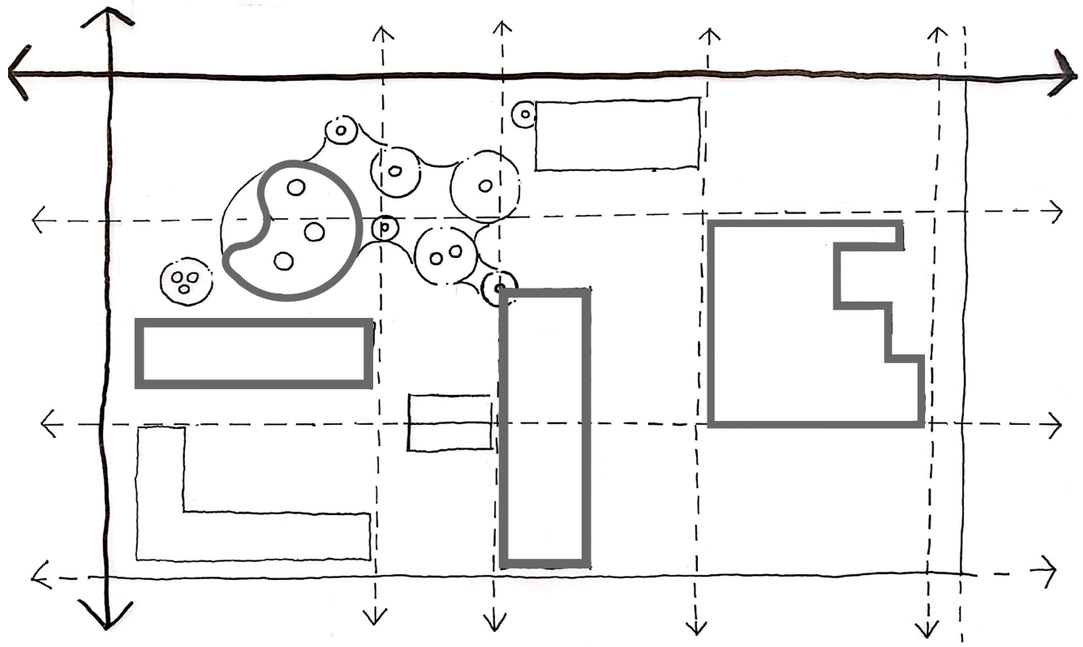


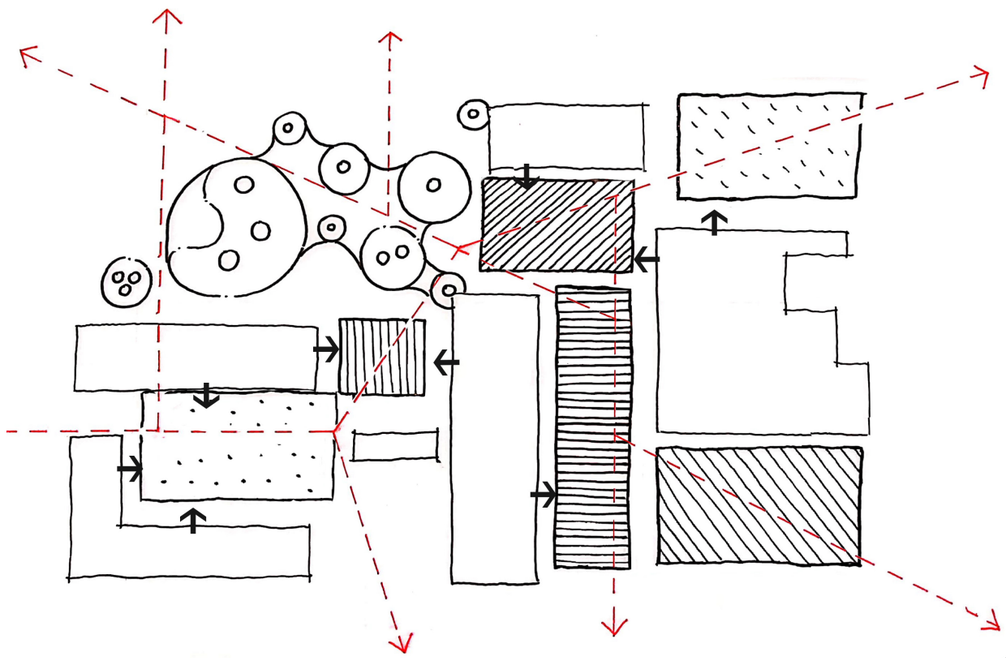
These solutions offer an opportunity to maintain the mobility infrastructure system in the heart of the city and also to retain employment.



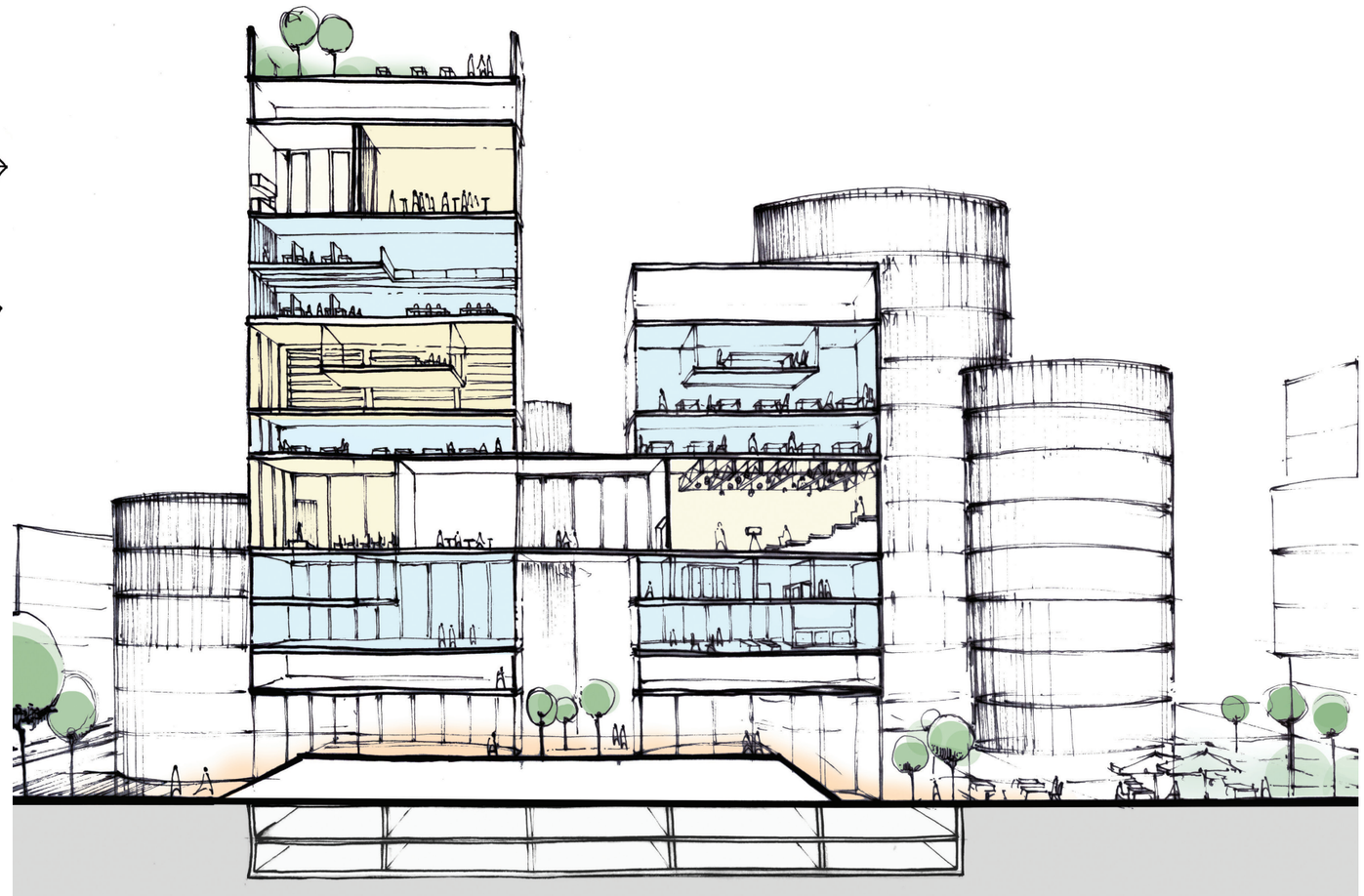
(Drawing in collabaration with Xiao Cheng)

SCENARIO 2 : Transformation of the TV Station





(Drawing in collabaration with Natalia Serafin)



The Polish Television Centre - The solution would offer improved characteristics for the overall cluster of services and amenities, encourage local integration of living environments, and exemplify a signature project.

signature project

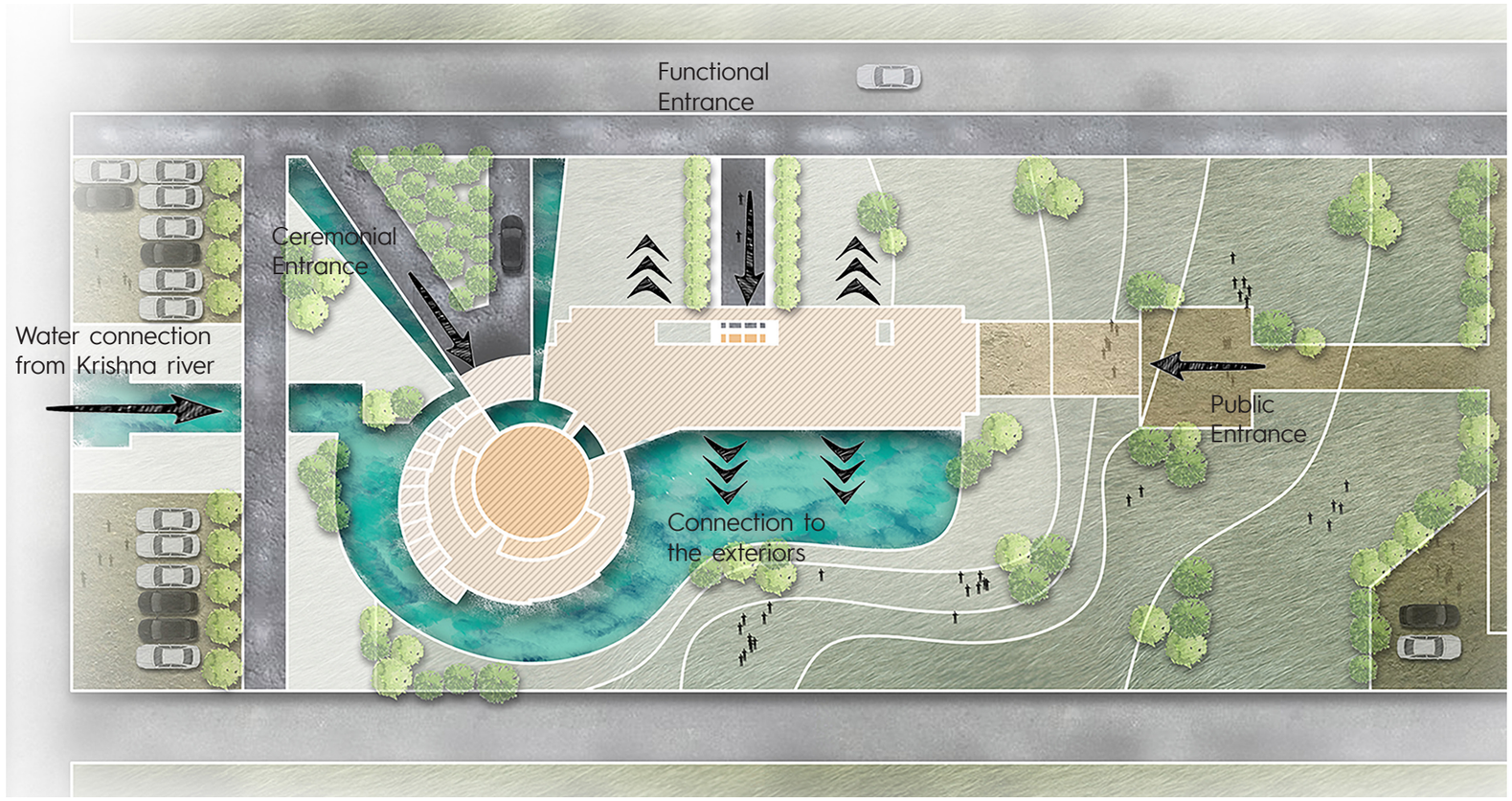
architecture of DEMOCRACY

Design of the Legislative Assembly

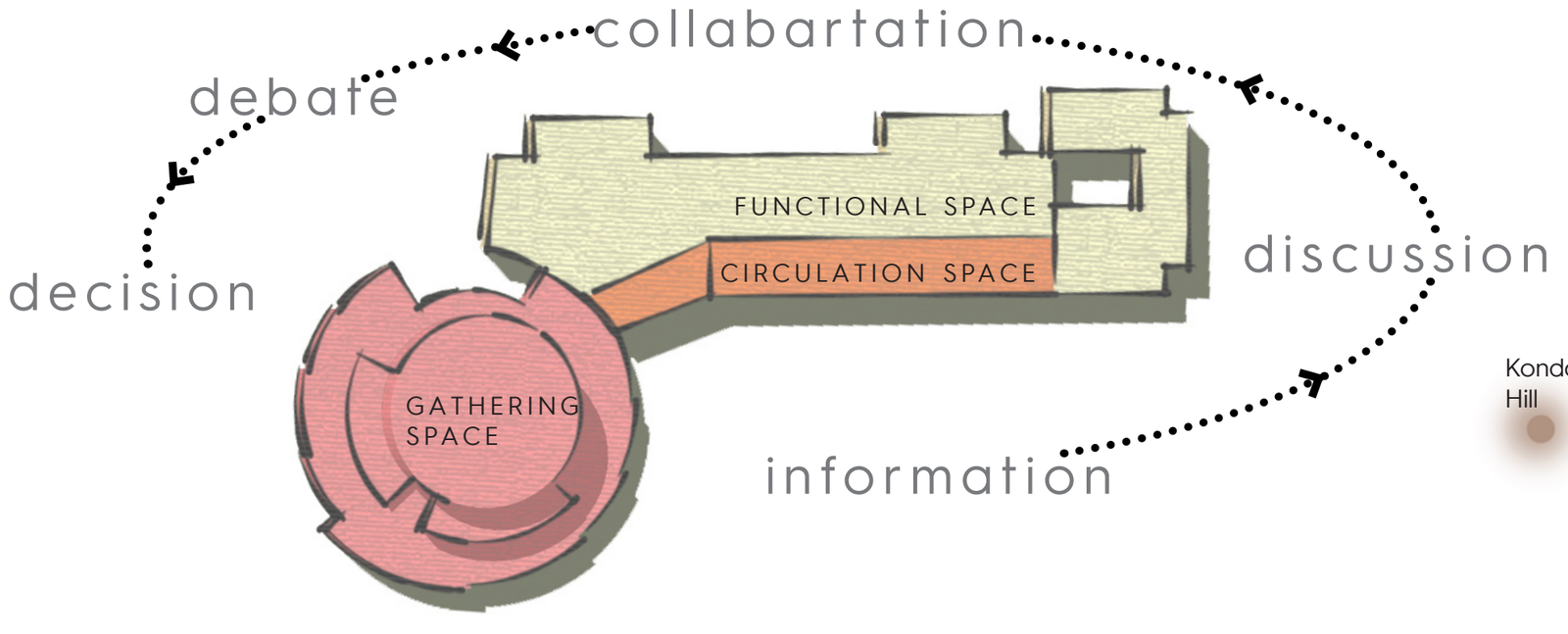
Undergraduate Thesis- 2016
Individual
Tutors : Anup Naik, Seema Maiya
Tools : CAD, Sketchup, Rhino, Photoshop, Lumion

Democracy is not merely an interplay of arguments in some abstract public sphere but is performed by people, with aims, on stages. Public claim making requires highly visible and single stages-putting decision makers in the spotlight. It also provides symbolic cues that signal the importance of those decisions for the rest of us.

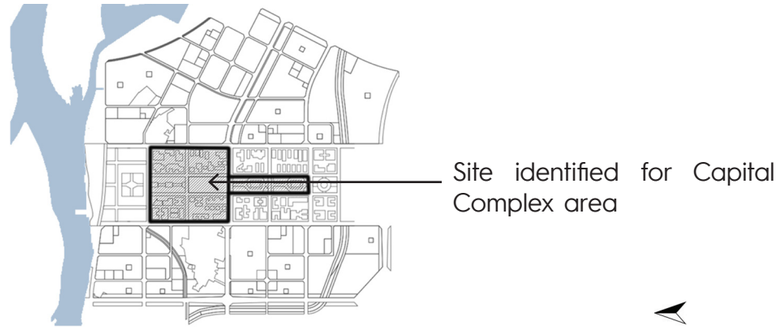
One of the best ways to achieve such a "physical space" for democracy is through Assembly Buildings. This project looks at the design of assembly building for the new capital city of Amaravati.



SITE PLAN



DEMOCRACY AS A PROCESS



LOCATION: Amaravati, Andhra Pradesh

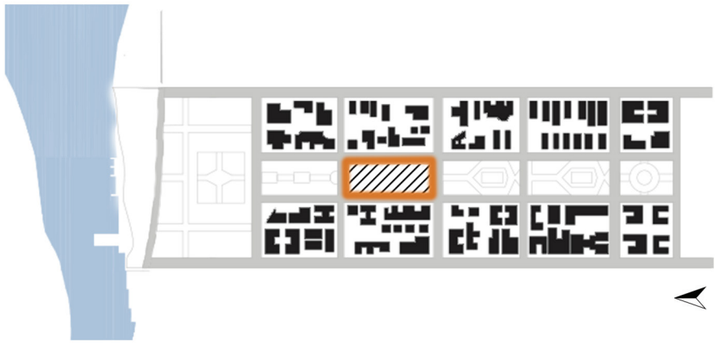
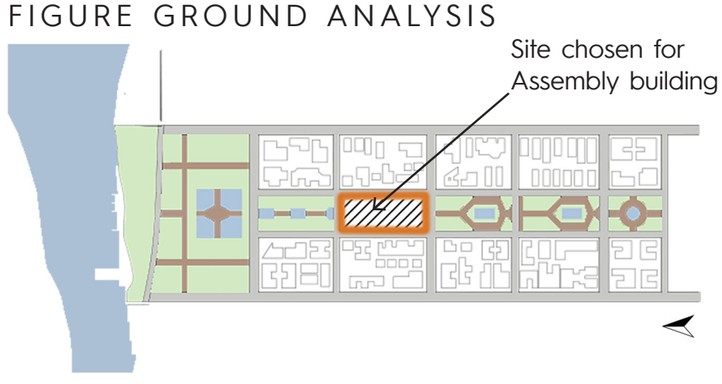
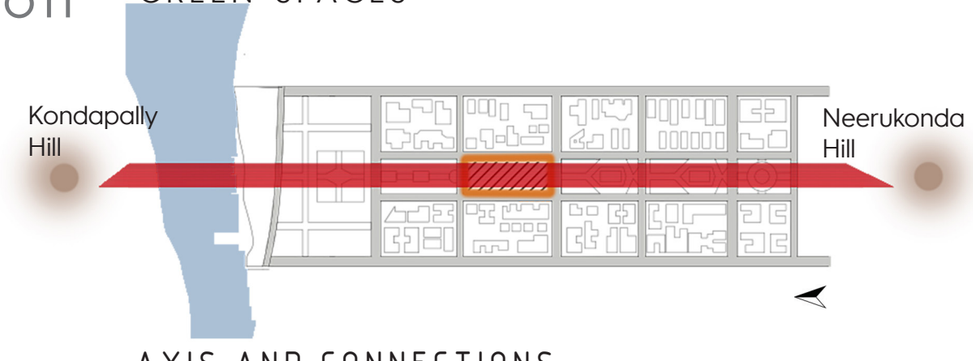


FIGURE GROUND ANALYSIS

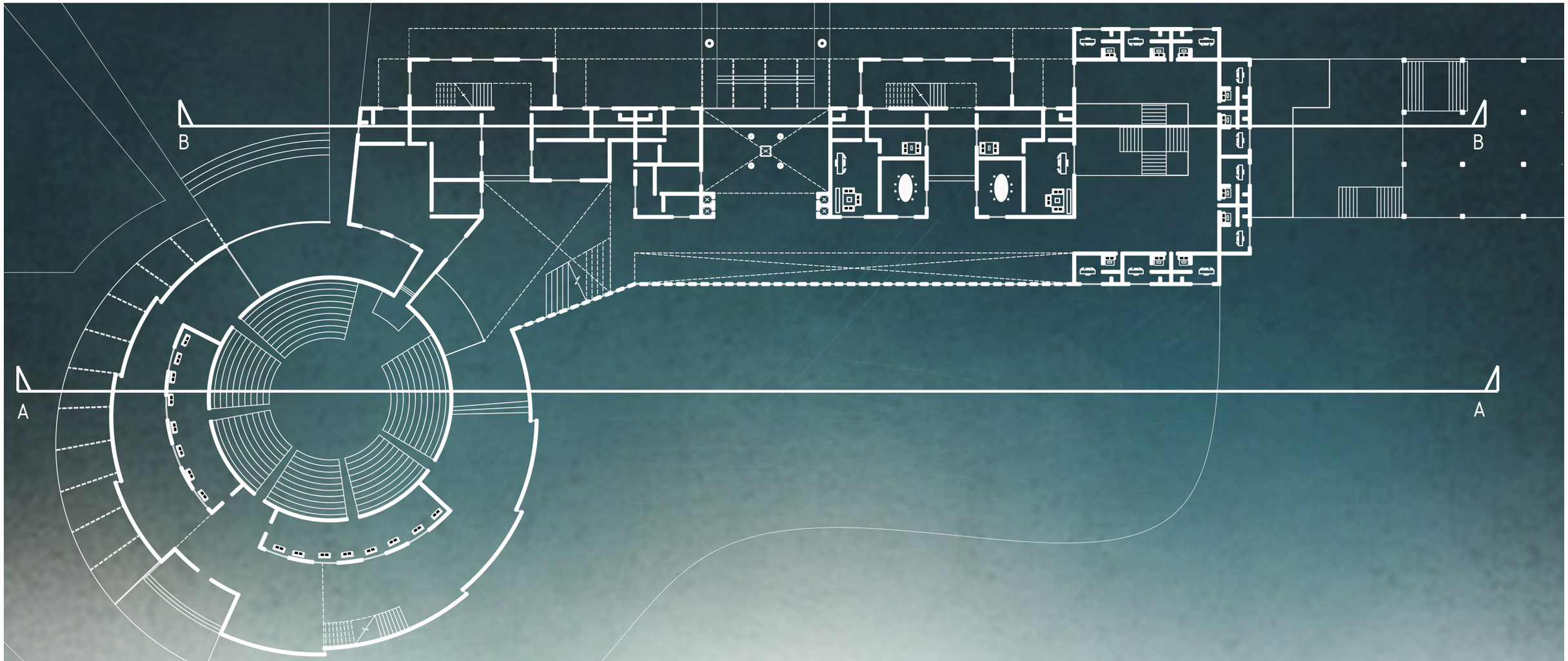


GREEN SPACES

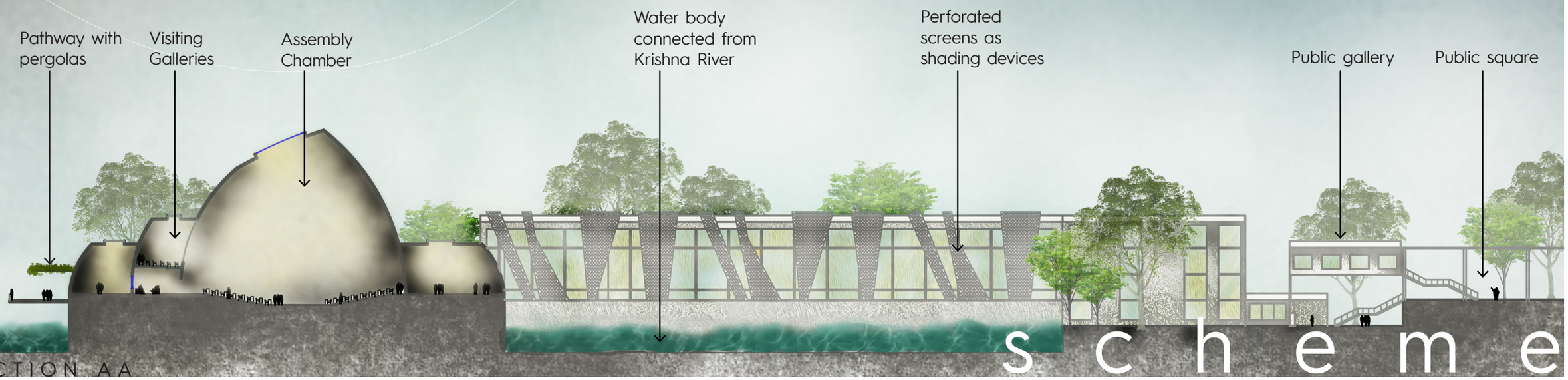


AXIS AND CONNECTIONS

concept

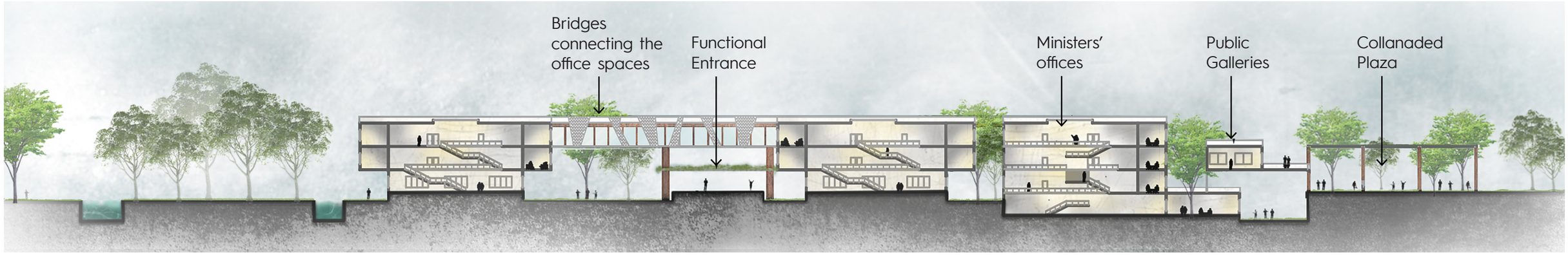


GROUND FLOOR PLAN

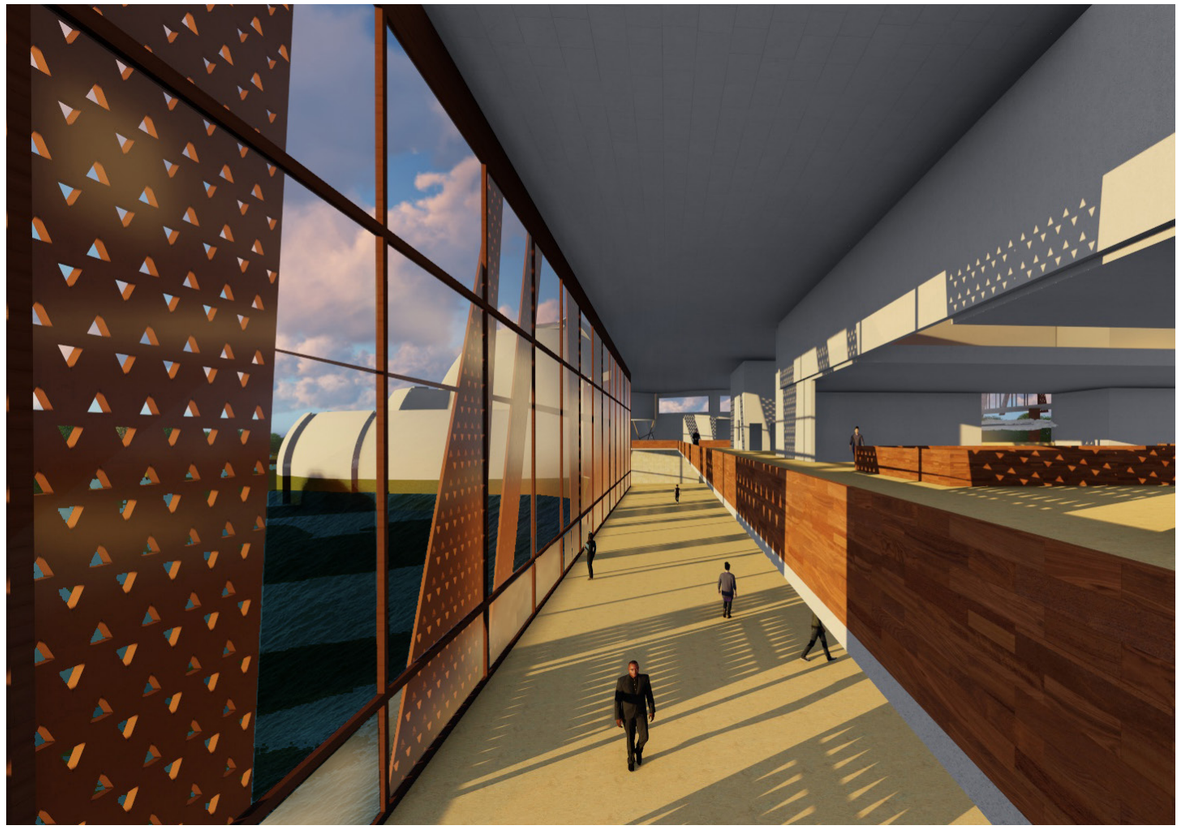


SECTION AA

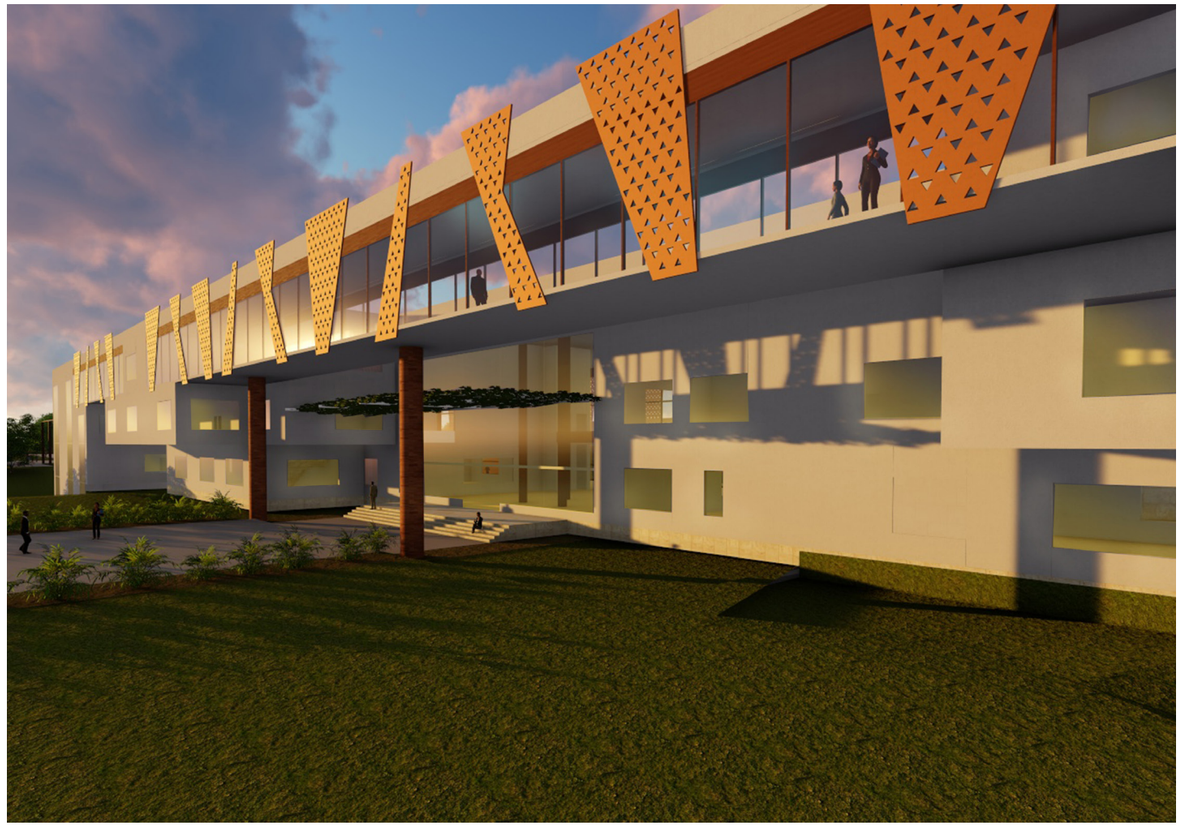
s c h e m e



SECTION BB



VIEW OF THE INTERNAL CORRIDOR



VIEW OF THE CONNECTING BRIDGES

The main challenge was finding the balance between monumentality that showcases this structure's symbolism while at the same time making a normal person feel a sense of ownership to the space .

This was achieved by creating various spaces for public use, giving ample avenues of exposing the building to its natural environment and making crucial visual connections that allow the citizens to view the building from different scales.

l a y e r s

Collection of Works

Professional Training- Mistry Architects

Tools : CAD, Sketchup, Photoshop, Lumion

Worked on 9 different projects including multiple residences, interior projects, competition projects and a metro station project

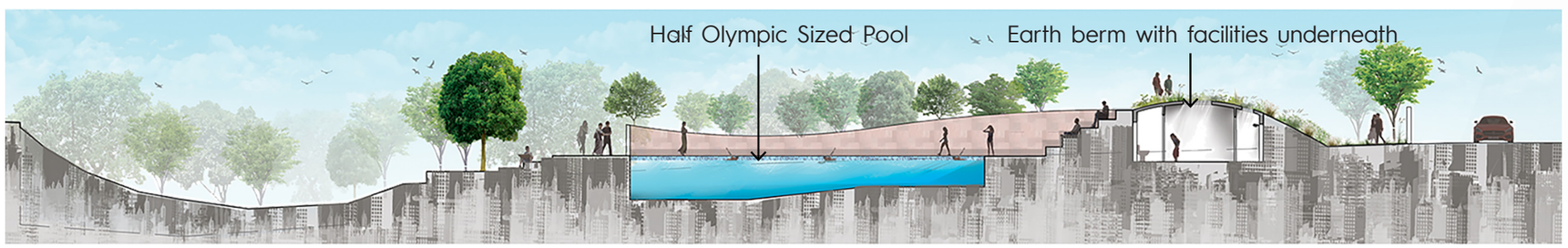
Urban Scale Projects- KR Market Metro Station, NLS Sports Centre Competition

Metro Station Elevation

Metro Station Views

The KR market metro station is set in the historic part of Bangalore and has to reflect the rich clutural backround of the area.

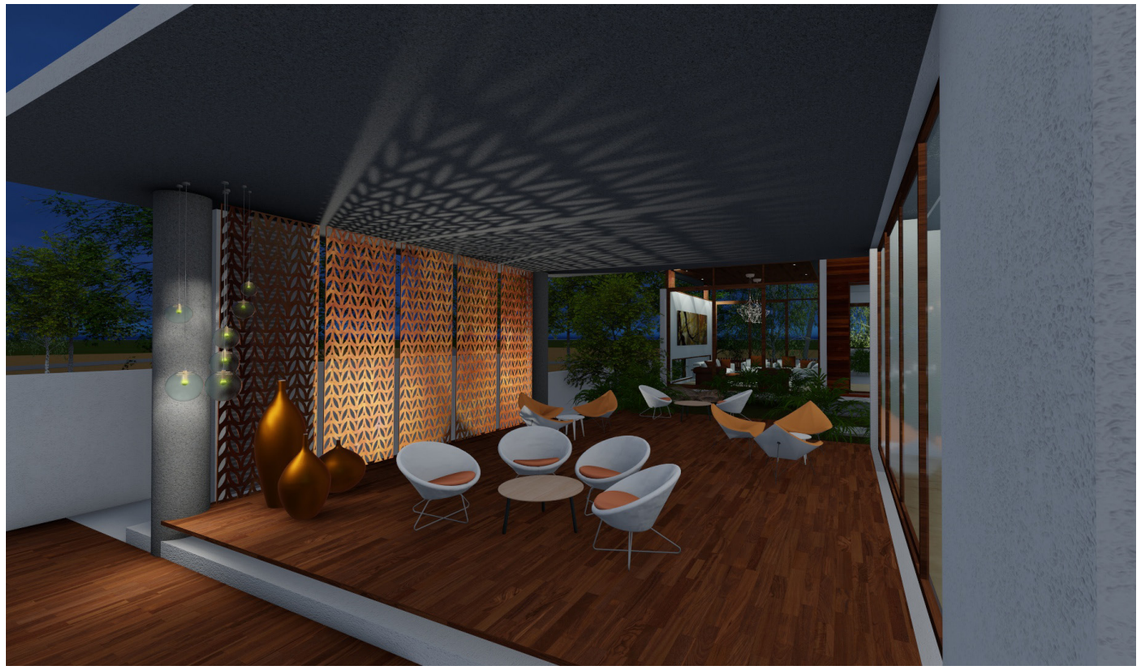
The masterplan and design of sports complex in NLS seeks to provide a non intrusive, sustainable approach that adaptively reuses existing spaces or seamlessly integrates with the landscape.



Section along the Earth Berm

Masterplan of NLS Campus

Residential Projects



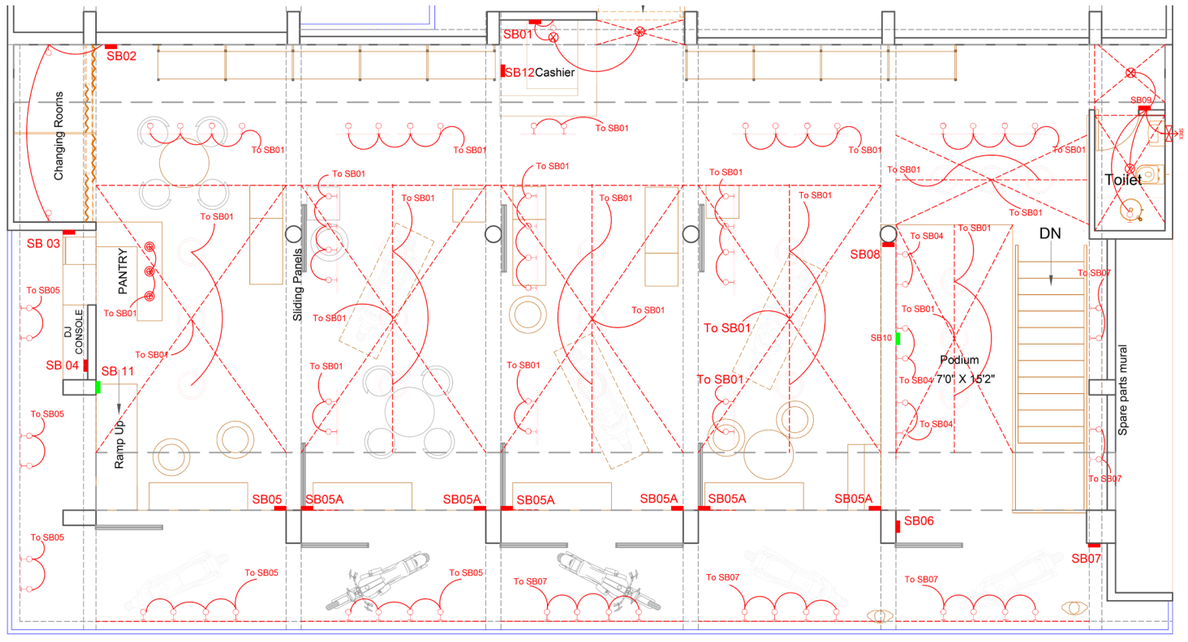
Interior Views for Anil and Asha Residence

Refurbishment of Mr. Reddy's Residence

r e n d e r

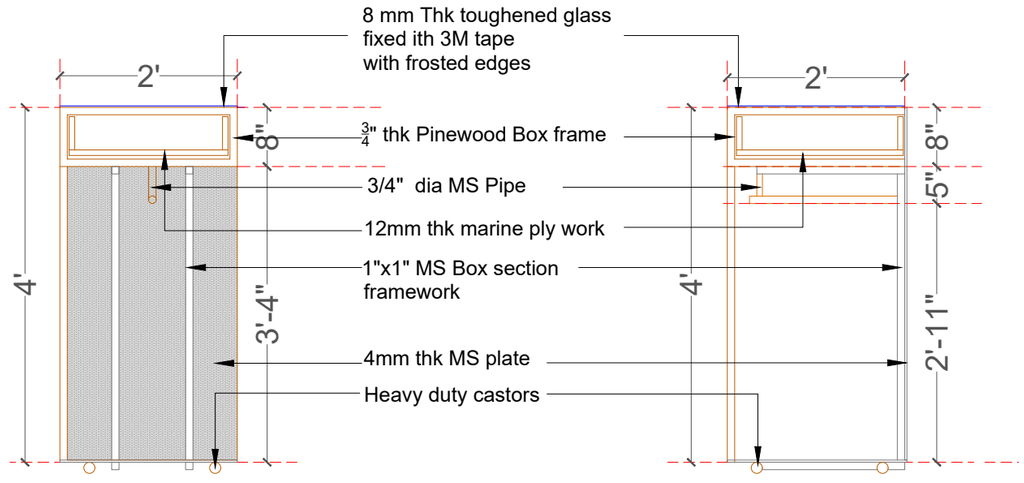
Interior Projects- Bike Showroom

Internal Views



Electrical Drawings

Furniture Design Development



detail

DESIGN PORTFOLIO 2012 -2019

manasa aluru

aluru.manasa@gmail.com