

## SARAJEVO DRAMA THEATRE

**Designer :** Göktuğ Aygün

**Place :** İstanbul Technical University / Architecture Faculty

**Program :** M.Arch Master Program / Architectural Design Studio II

**Date :** Spring Term 2017

**Introductory :** Sarajevo drama theatre project takes place in capital city of Bosnia and Herzegovina. Program of the building includes a small drama theatre, with workshops and accommodation facilities of "Sarajevo National Theatre".

**Professor :** Assist.Prof.Dr. Adnan Pasic  
**Research Assistant :** Dr. Nizam Onur Sönmez  
**Jury member :** Prof. Dr. Birgül Çolakoğlu  
**Jury member :** Prof. Dr. Murat Gül  
**Jury member :** Prof.Dr. Sinan Mert Şener  
**Guest Jury member :** Han Tümertekin  
İstanbul, 2017 June 8

# CONTENT

Information About Sarajevo	4
Sarajevo Masterplan / Project Area	5
Design Parametres / Main Ideas / Programming	6
Massing Process	7
Site Plan	8
Site Plan Parametres	9
Ground Floor Plan	10
West / North Elevations	11
-1 / 1 Floor Plans	12
East / South Elevation	13
2 / 3 Floor Plans / Sunlight Analyses	14
Perspective Views	15
Sections	16
Axonametric Views / Building Usage Perspectives	17
System Details	18
Physical Model Photos	19



image\_1

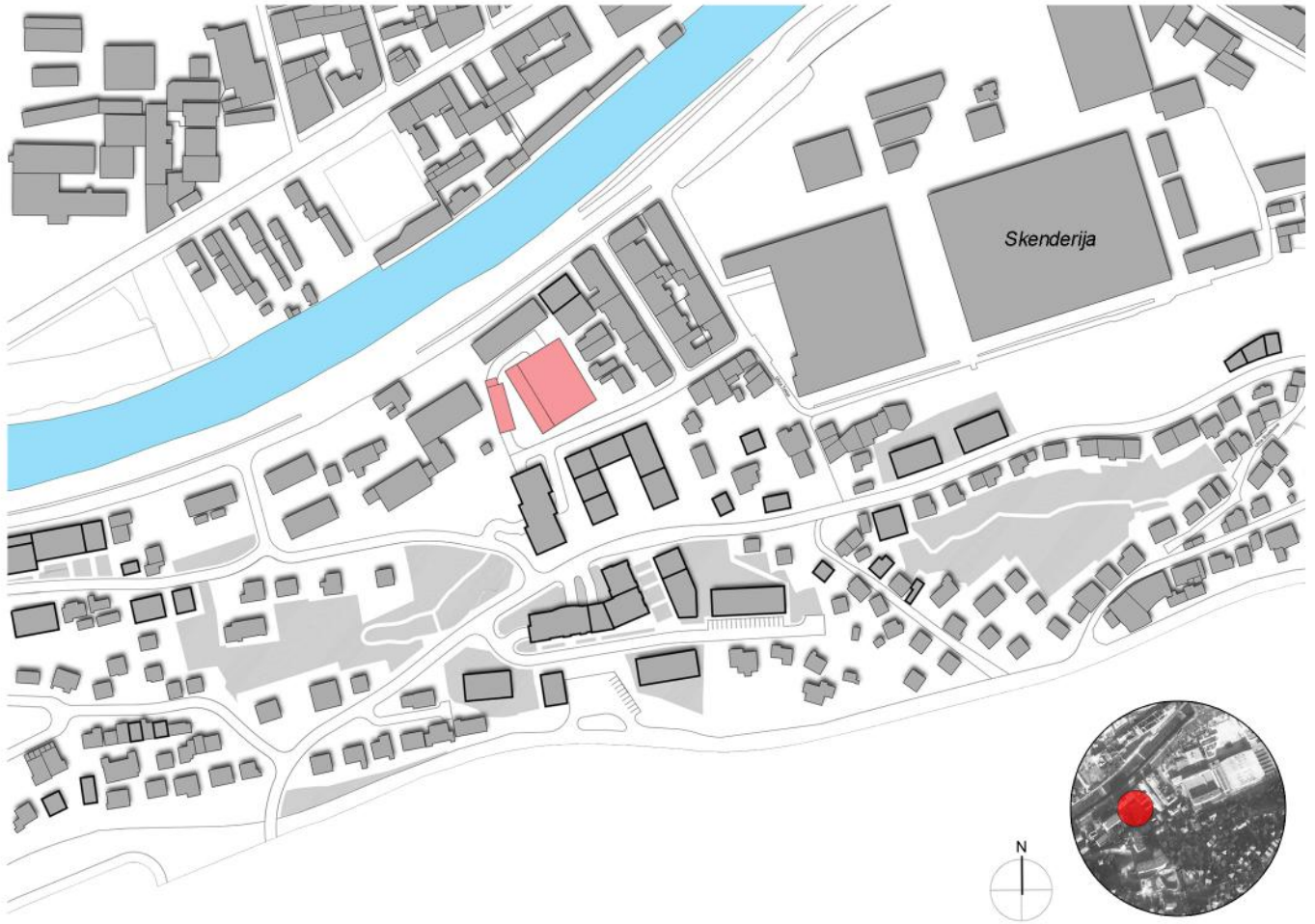


image\_2

Project place is located very center district, Skenderija in Sarajevo. This place is known as former sport facilities which are hosting 1984 Winter Olympic Games. Also there is a big sport center named 'Skenderija' gives the name of this district. In today Skenderija district is in a developing process and there are variety of construction project going on. With this projection, new Sarajevo Drama Theatre proposad just near center of the district and in between old and developing neighbourhood. Project site is a kind of courtyard and currently in project site there is a warehouse situated. This new culture building offers to solve all different program needs in a compact building and try to make this location as new connection nod between riverside road and upper settlements of area.

*image\_1 / location of project area in Sarajevo*  
*image\_2 / Skenderija urban pattern*

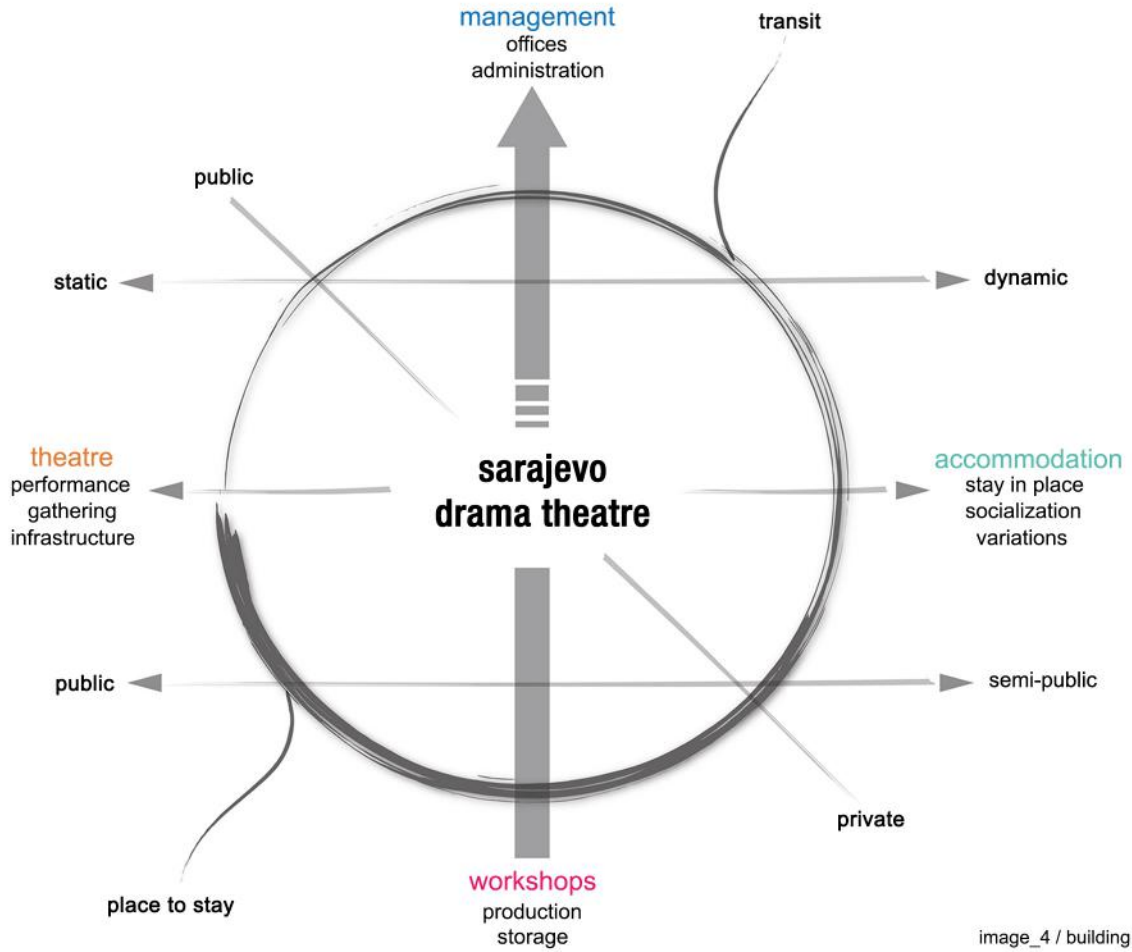




image\_3

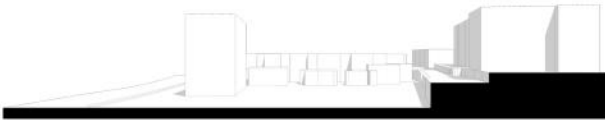
image\_3 / Sarajevo masterplan

- current buildings
- masterplan buildings
- project area
- miljacka river
- green areas

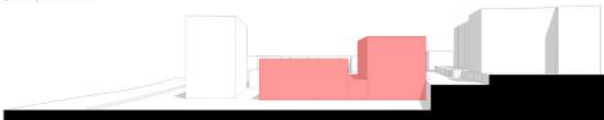


image\_4 / building program

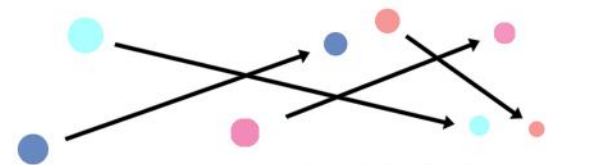
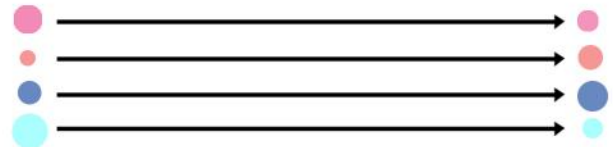
current



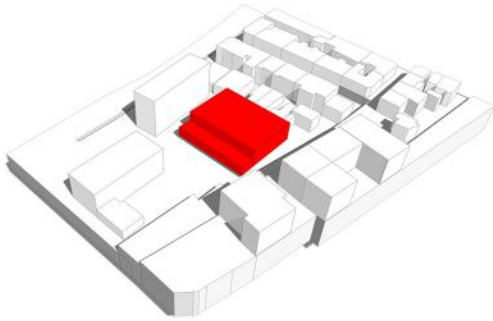
proposal



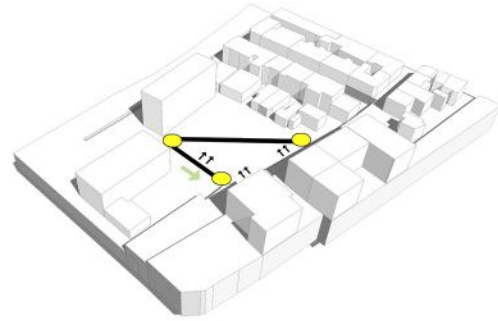
image\_5 / architectural massing



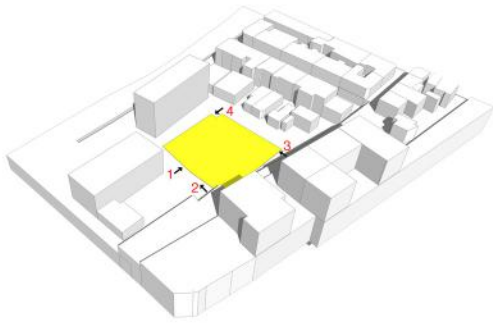
image\_6 / relations between programs



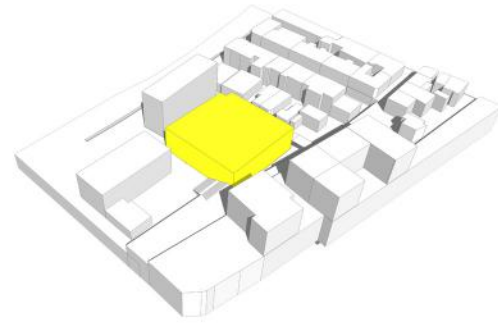
Current Status - a warehouse mass



Main Axis - try to connect important nodes for both public and private usage



Desing Directions - 1.main entrance  
2.upper street connection 3.upper entrance 4.logistic entrance

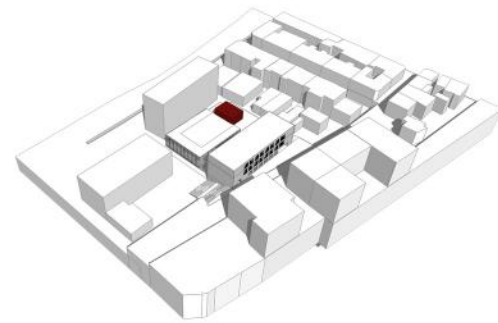


Extrusion - combing all different usages in one mass

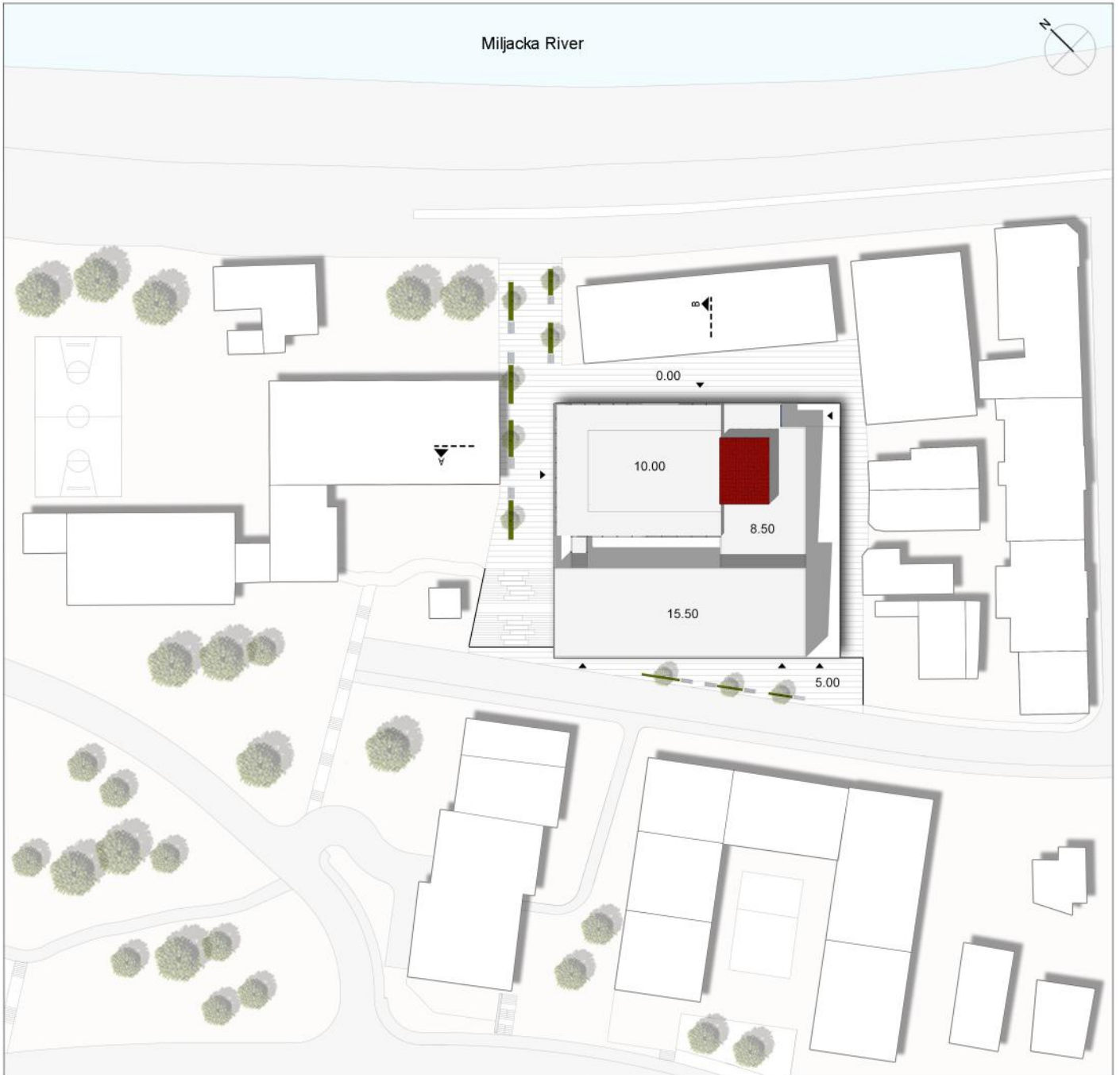


Desing Requirements

theatre
  workshops
  accommodation



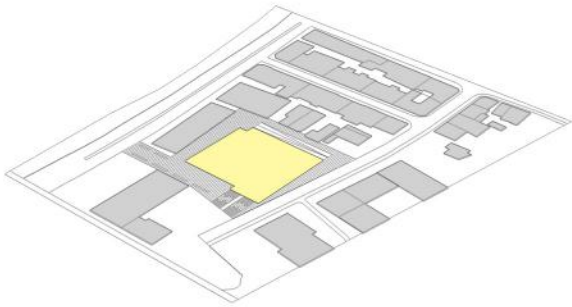
Final Proposal



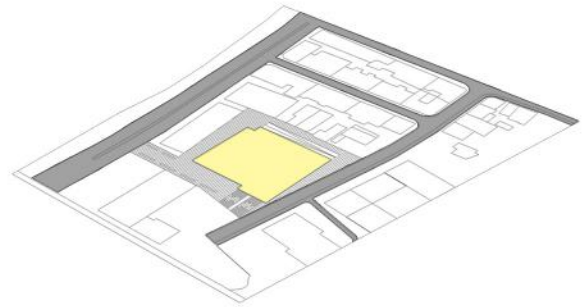
total floor area:5710m<sup>2</sup>



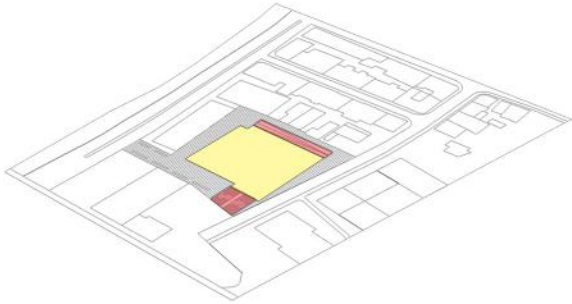




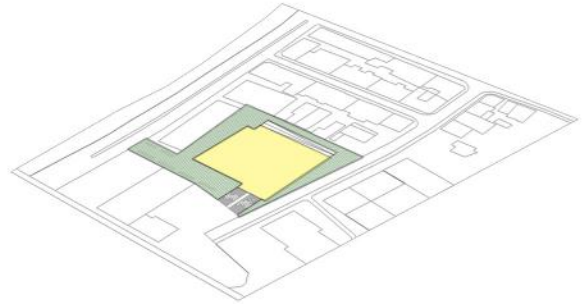
Site Plan - Building Pattern



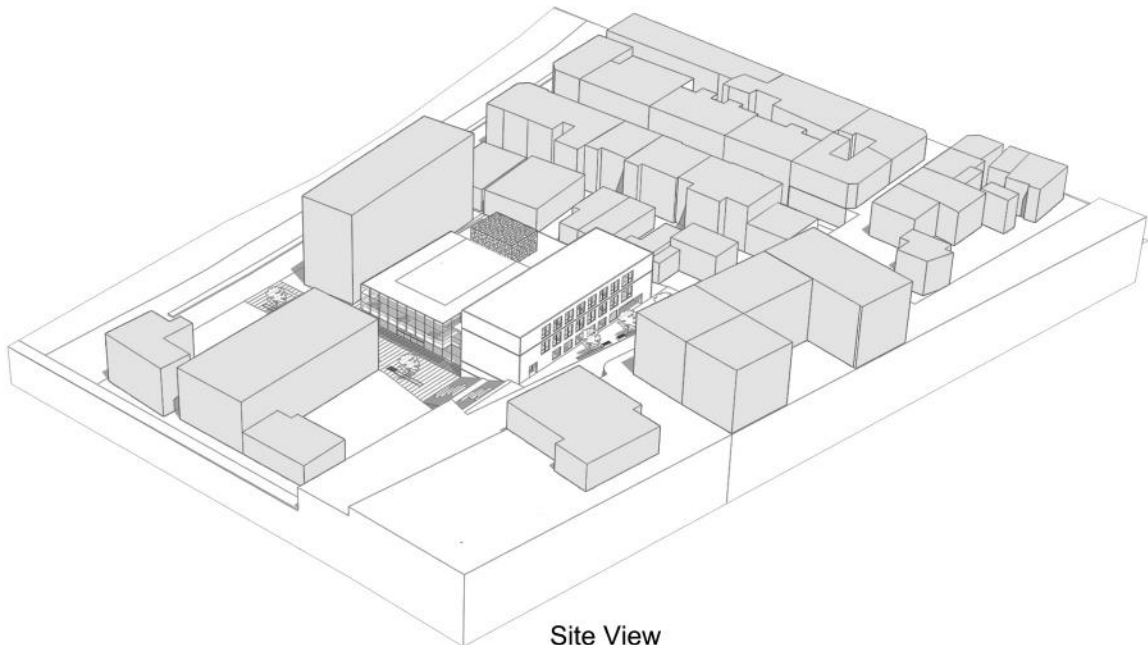
Site Plan - Roads Pattern



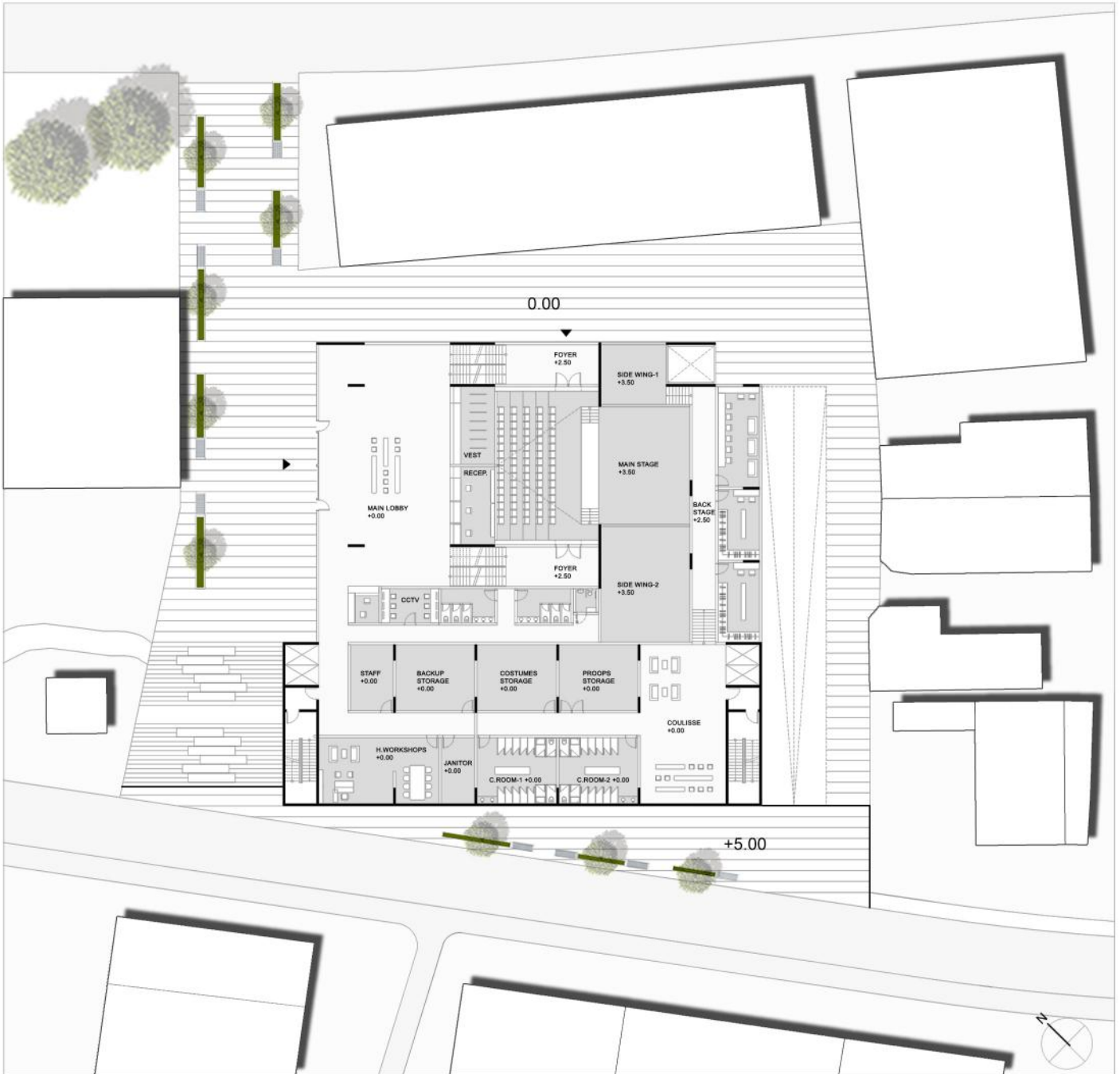
Site Plan - Connections Points



Site Plan - Public Areas



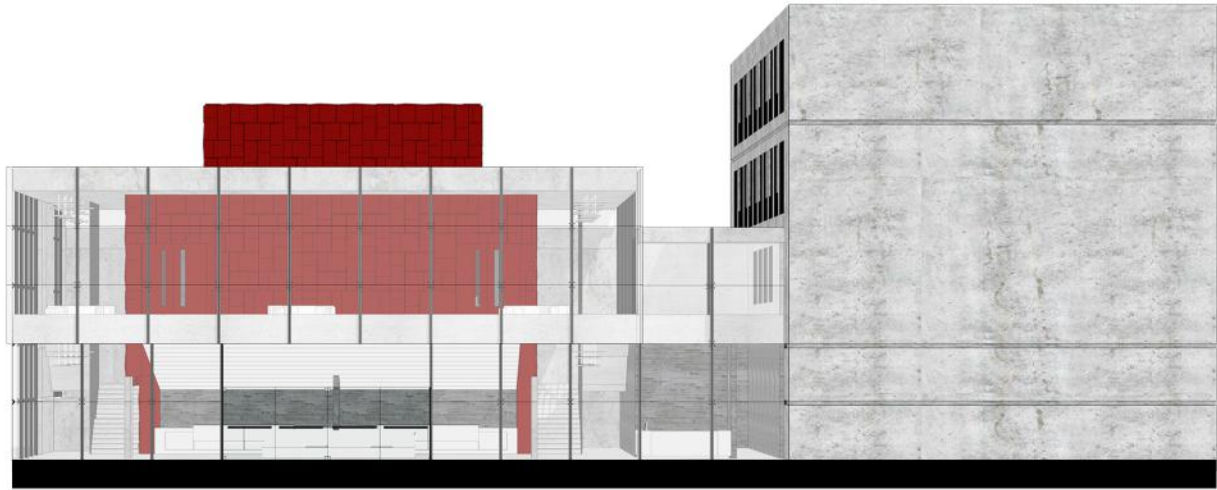
Site View



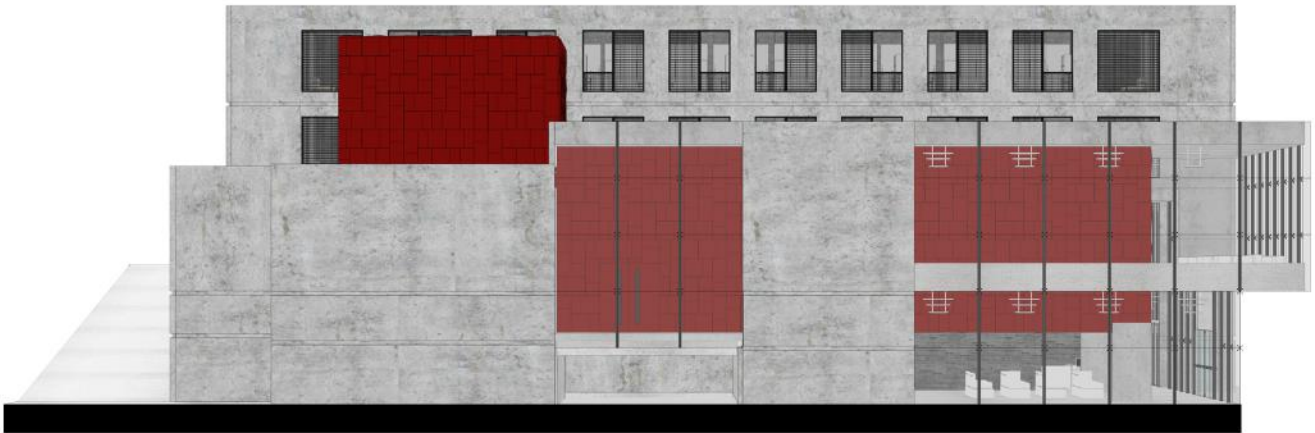
main lobby:380m<sup>2</sup> / staff:190m<sup>2</sup> / backstage:190m<sup>2</sup> / service:100m<sup>2</sup> / coulisse\_staff :300m<sup>2</sup> /cores:90m<sup>2</sup>  
 total:1250m<sup>2</sup>



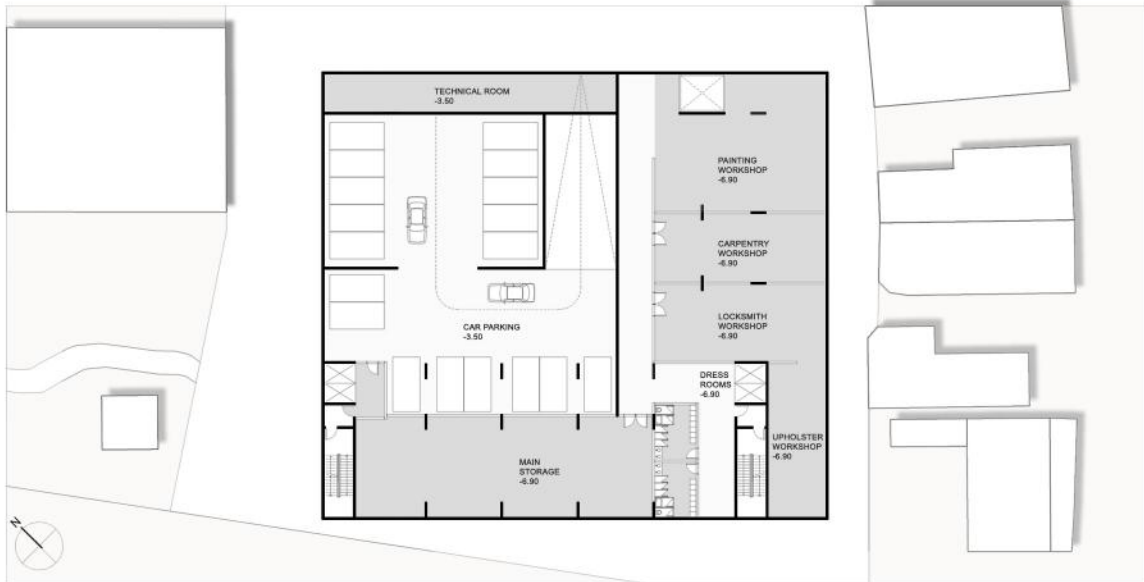
Ground Floor Plan



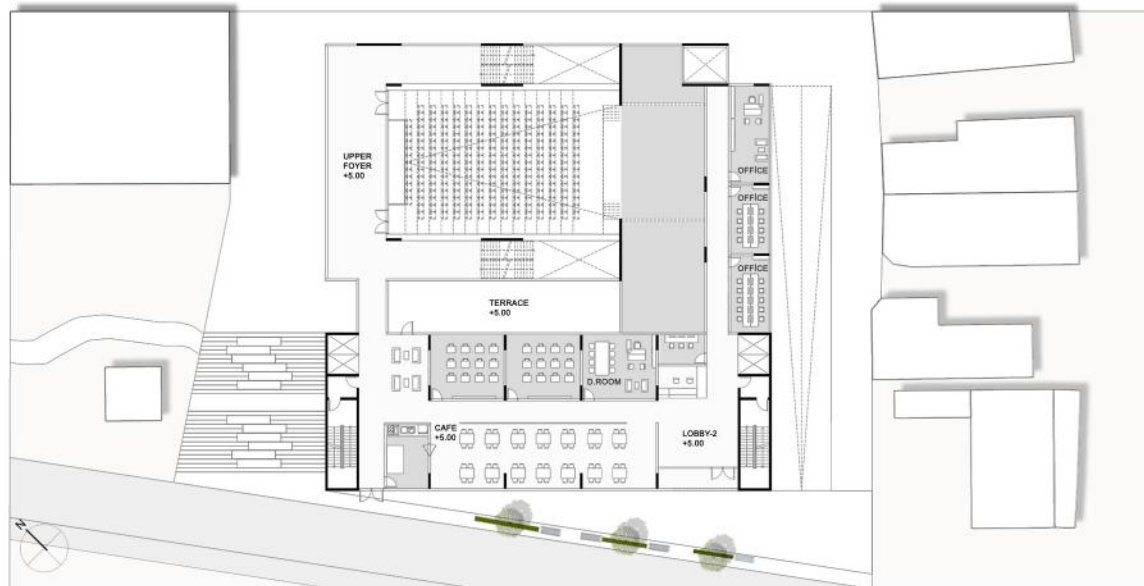
2.5 0 2.5 5 7.5 10 m West Elevation  
(1cm)



2.5 0 2.5 5 7.5 10 m North Elevation  
(1cm)

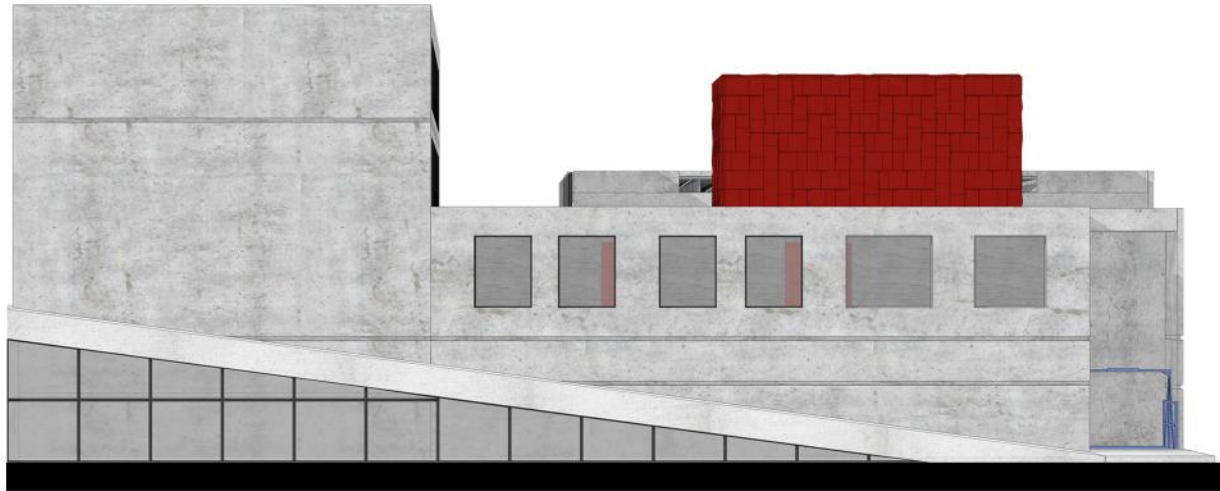


carparking:720m<sup>2</sup> / workshops:580m<sup>2</sup> / lobby dressing rooms:110m<sup>2</sup> / storage:250m<sup>2</sup> / technical room:95m<sup>2</sup> / cores:90m<sup>2</sup> / total:1850m<sup>2</sup>



upper foyer: 200m<sup>2</sup> / theatre hall:300m<sup>2</sup> (236 seats) / stages:200m<sup>2</sup> / offices:130m<sup>2</sup>  
 upper lobby:70m<sup>2</sup> / cafe:150m<sup>2</sup> / director rooms\_classes:230m<sup>2</sup> / terrace: 90m<sup>2</sup> / cores:90m<sup>2</sup> /  
 total:1460m<sup>2</sup>



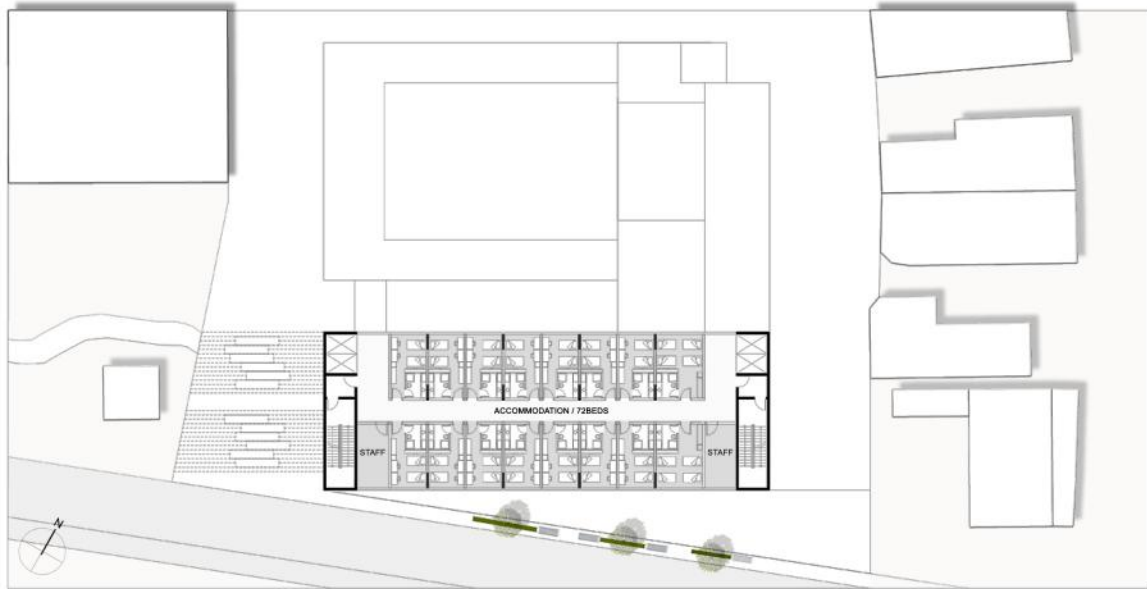


2.5 0 2.5 5 7.5 10 m East Elevation  
(1cm)



2.5 0 2.5 5 7.5 10 m South Elevation  
(1cm)



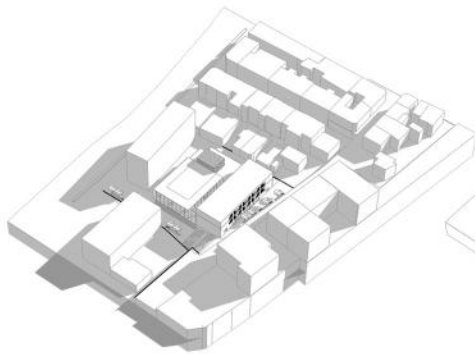


accomodations:455m<sup>2</sup> / staff:35m<sup>2</sup> / cores:90m<sup>2</sup> / total:575m<sup>2</sup> (each floor)

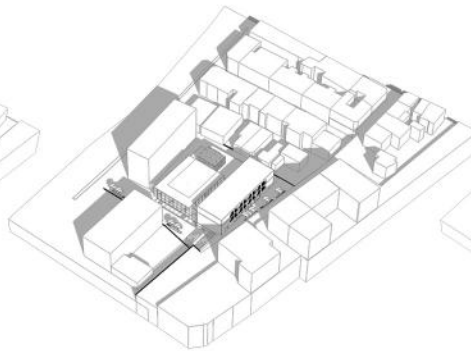


2-3. Floor Plans

### Sunlight Analyse



east sunlight and shading overview



south sunlight and shading overview



west sunlight and shading overview



main public space and theatre mass

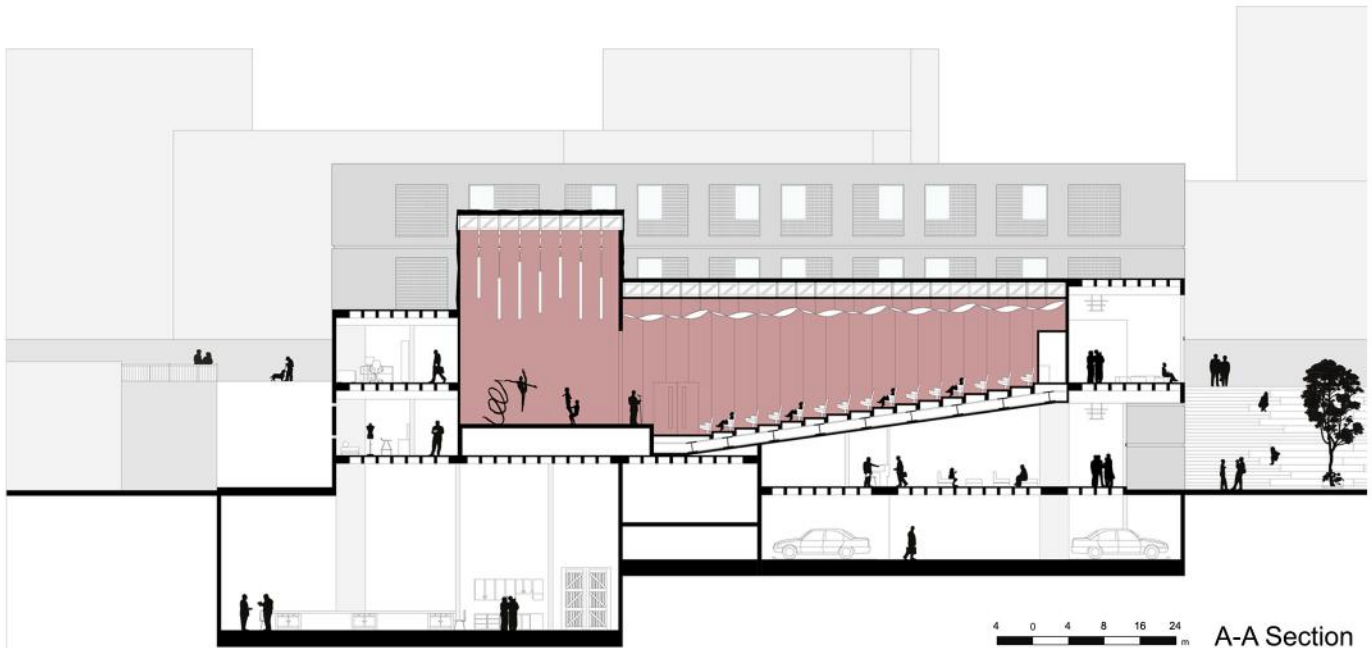


upper level view with public spaces

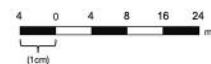
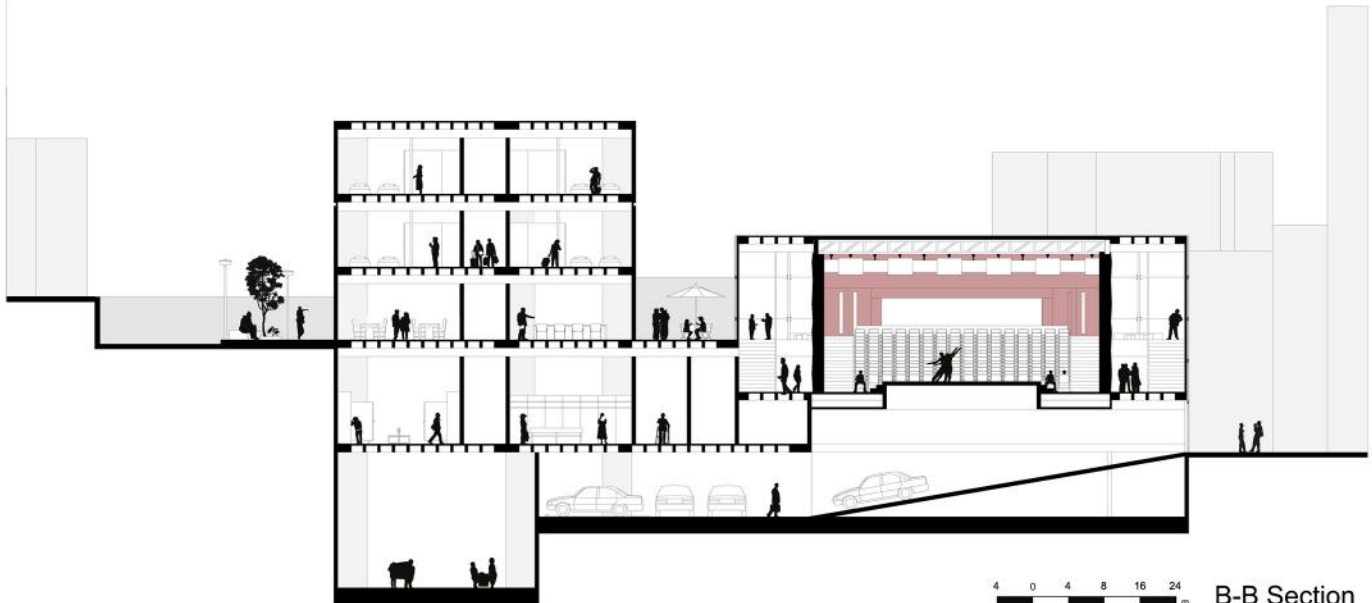
Theatre mass (glased one) and accommodation mass occur contrast and make building more visible and allure. There are lots of nodes in different level with various angles to see building and feel the atmosphere of the area. Glazed facade of the theatre mass provide better communication with outside public spaces. Inside of this glazed facade theatre hall is hanged and with its different colour envelope give this mass unigue identity. In the accommodation mass windows are arranged according to inner usage and in front of them mesh sunshading system, protect rooms from south sun. At the end of the lover level plaza there is a big staircase serves both as a connector between levels and creates public space for all kind of users. The car ramp can be used for both private cars and logistic trucks. Just under the car ramp the workshops volumes are settled. For their natural lighting and ventilation requirements there are a window system just under the ramp.



accommodation mass with car ramp

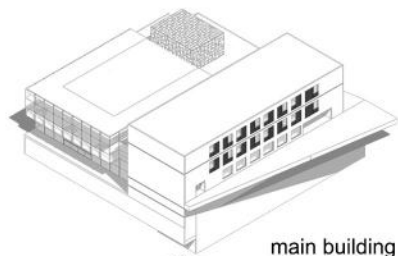


A-A Section

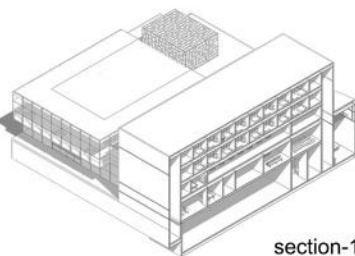


B-B Section

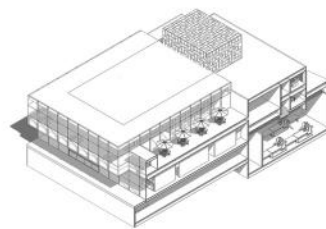




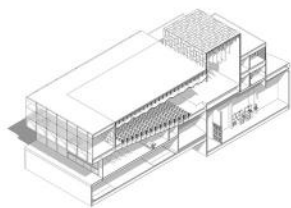
main building



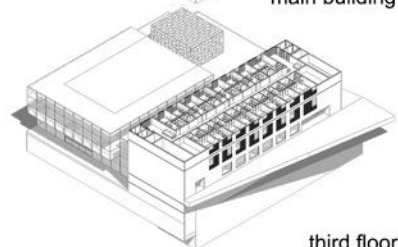
section-1



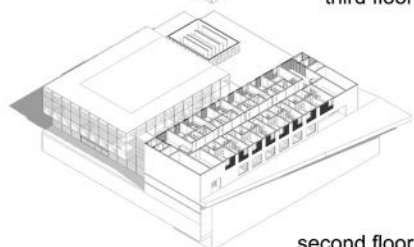
section-2



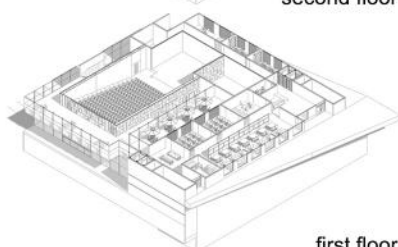
section-3



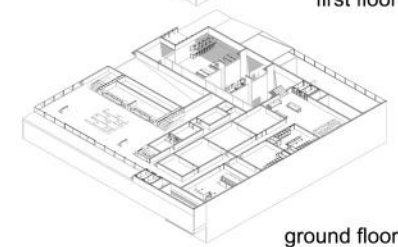
third floor



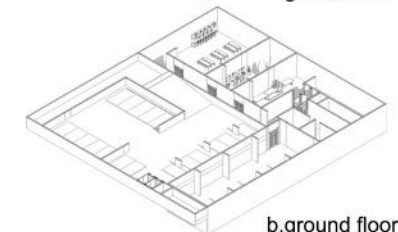
second floor



first floor



ground floor



b.ground floor



main foyer



upper foyer



cafe



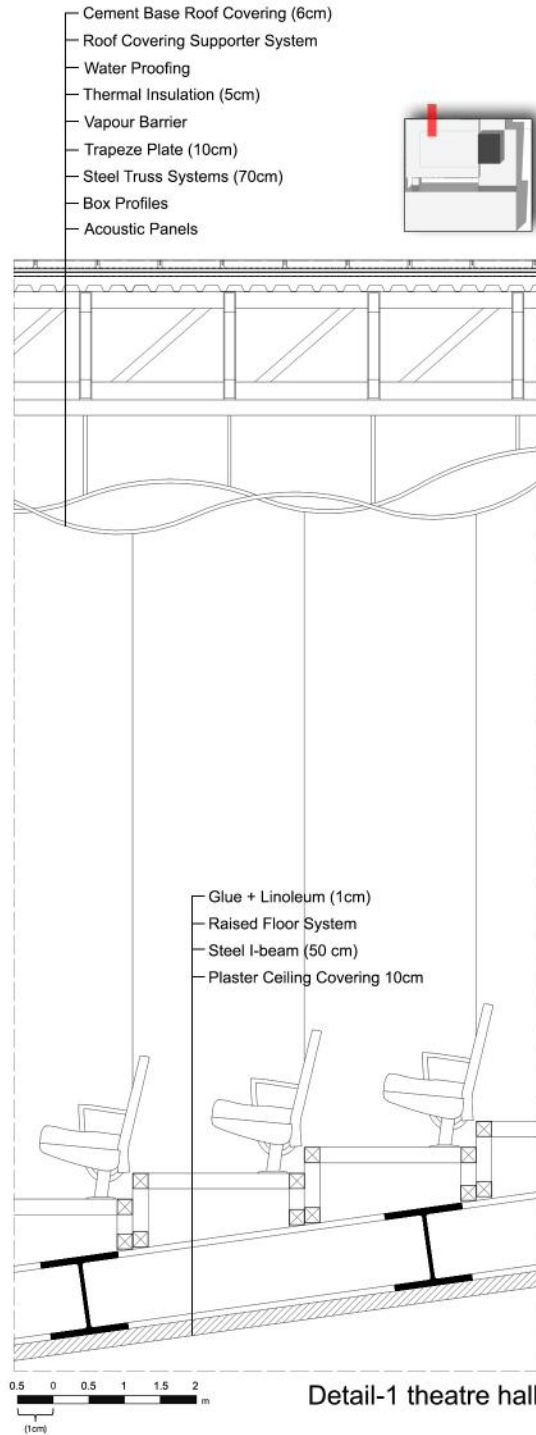
terrace



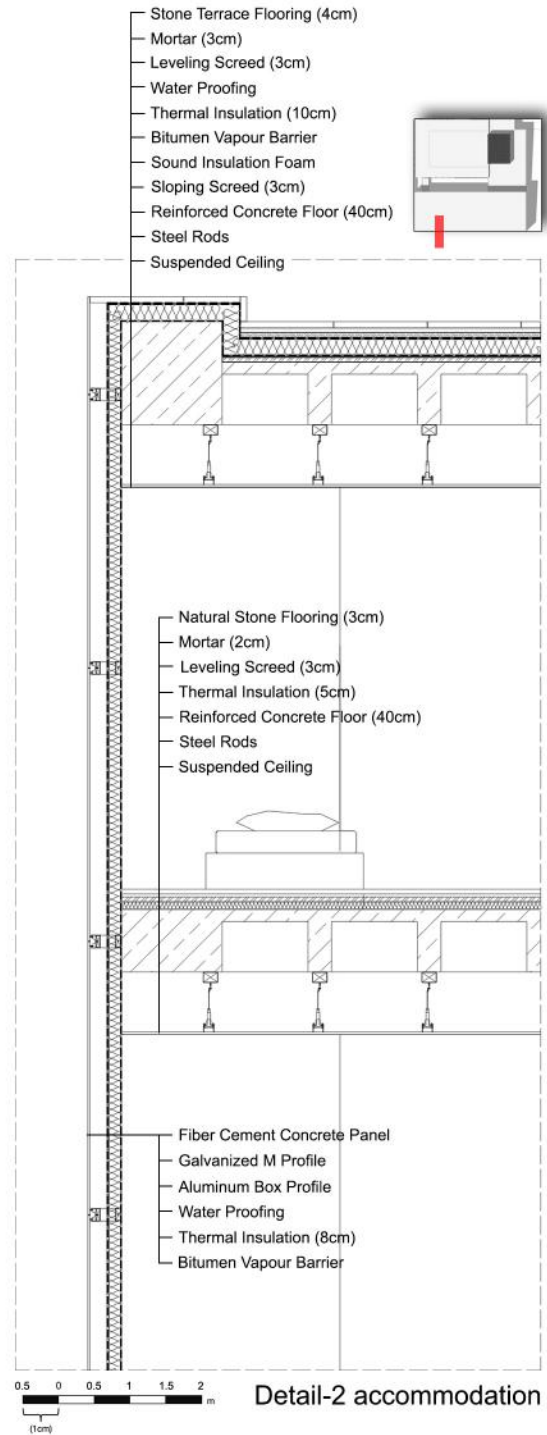
workshops



accommodation



Detail-1 theatre hall



Detail-2 accommodation

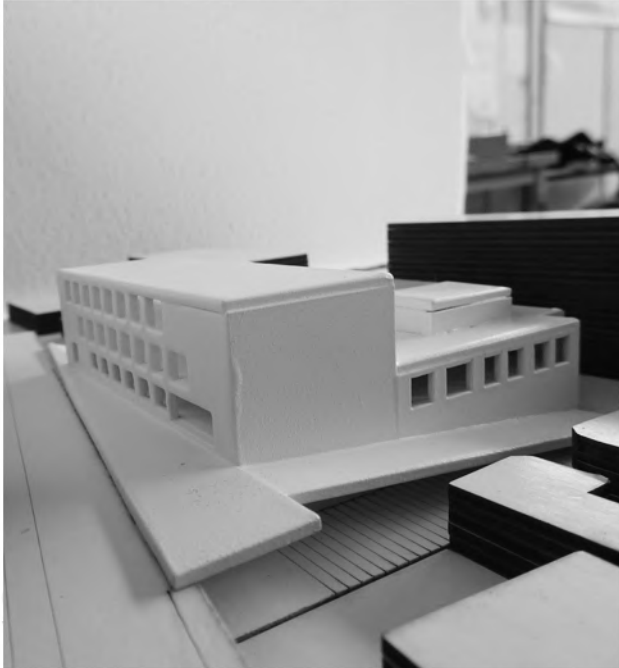




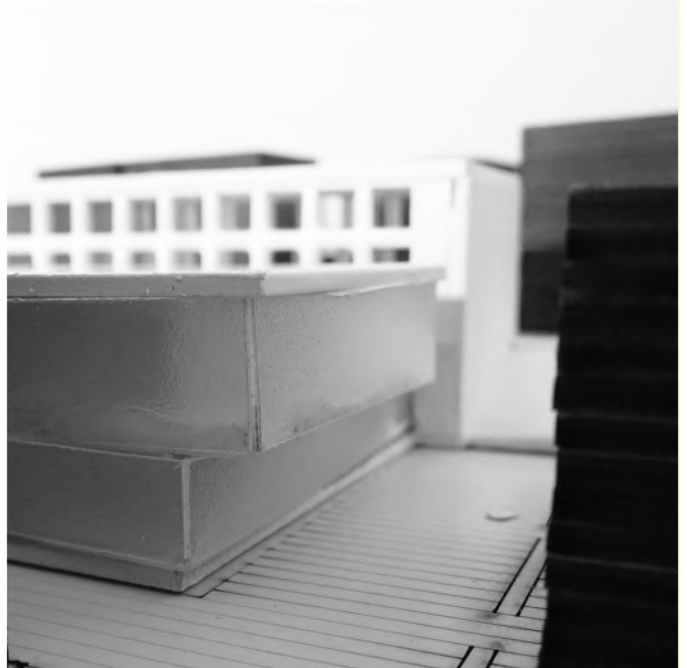
overall view



upper street view



back upper street view



main plaza street view