

TILDE



Forensic Research Institute

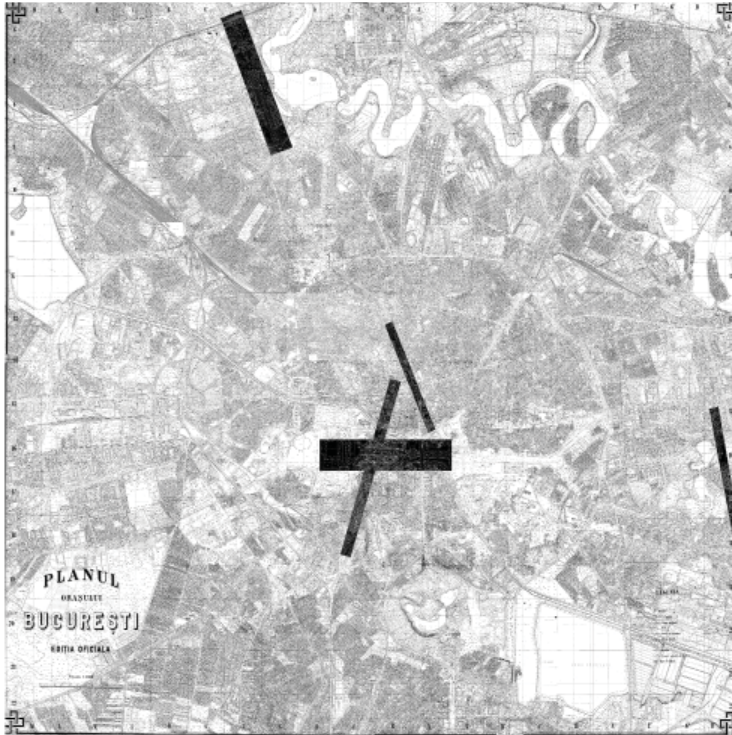
Gabrielius Varnelis
P5 Presentation

Chair of Public Building
TU Delft 17/18

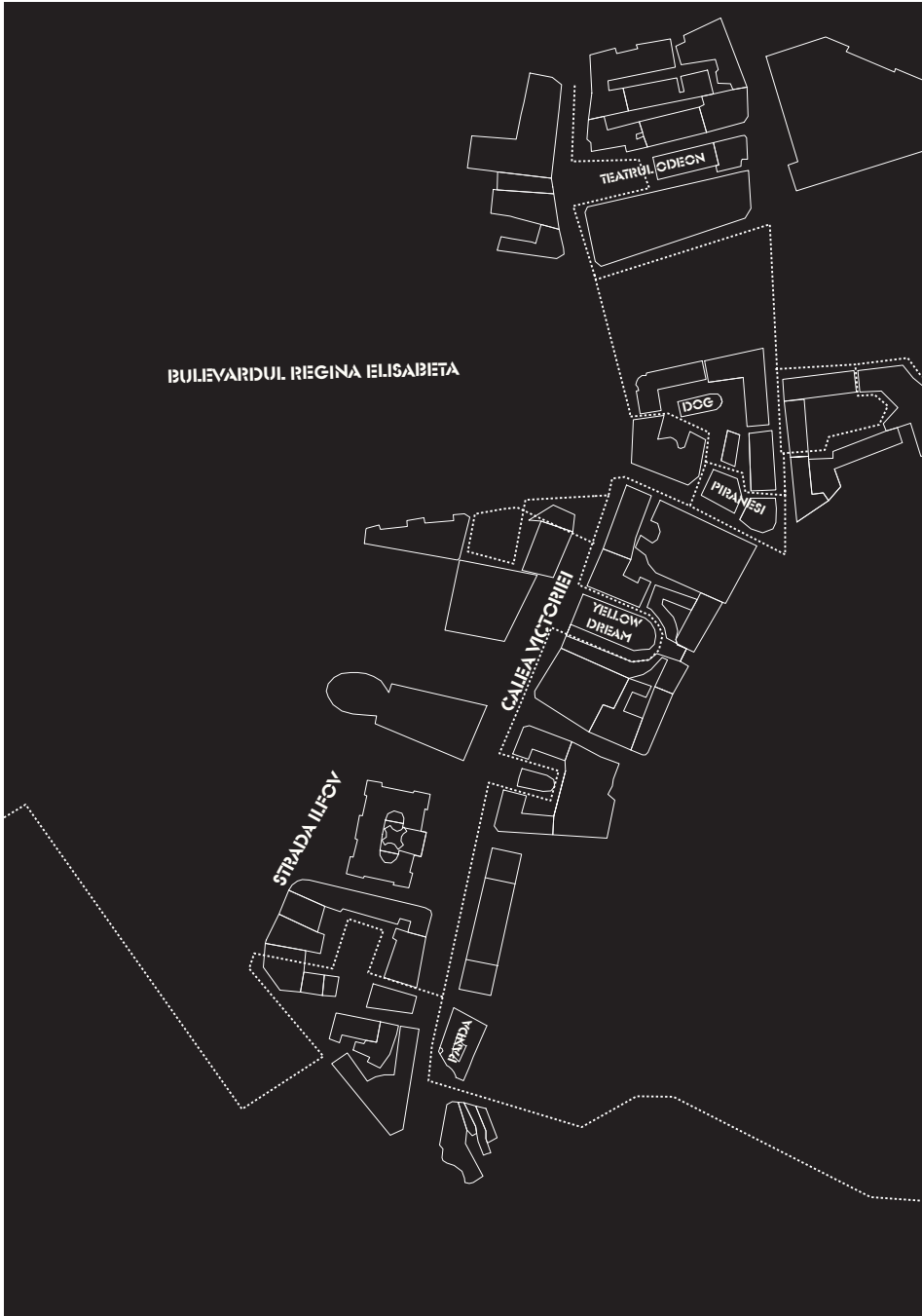
INTRODUCTION



Bucharest the Backstage city



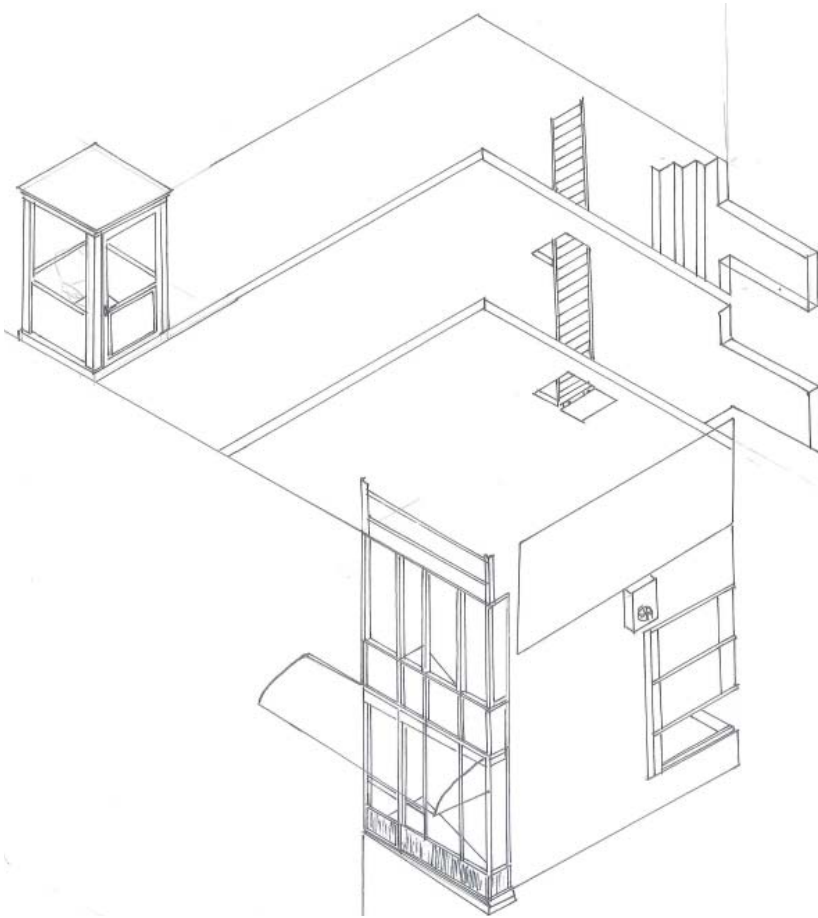
Architecture survey cut trajectories



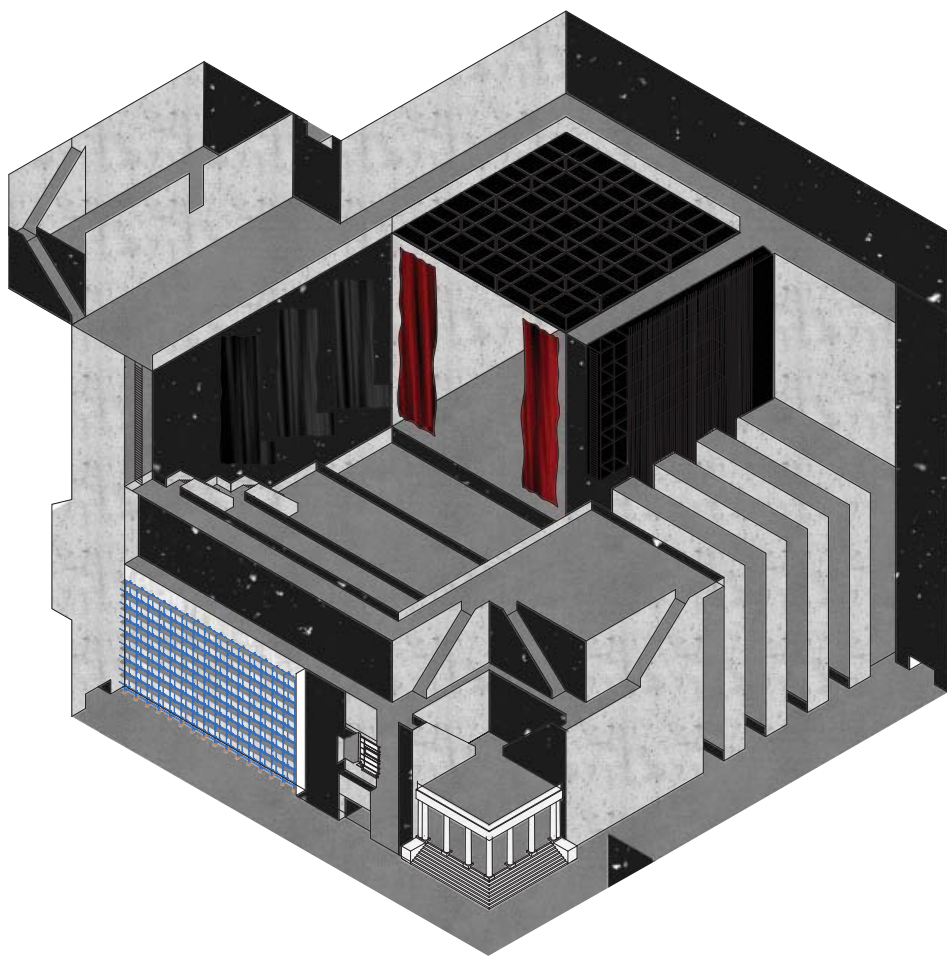
Dogville mapping Bucharest



Abandoned Vendor Kiosk

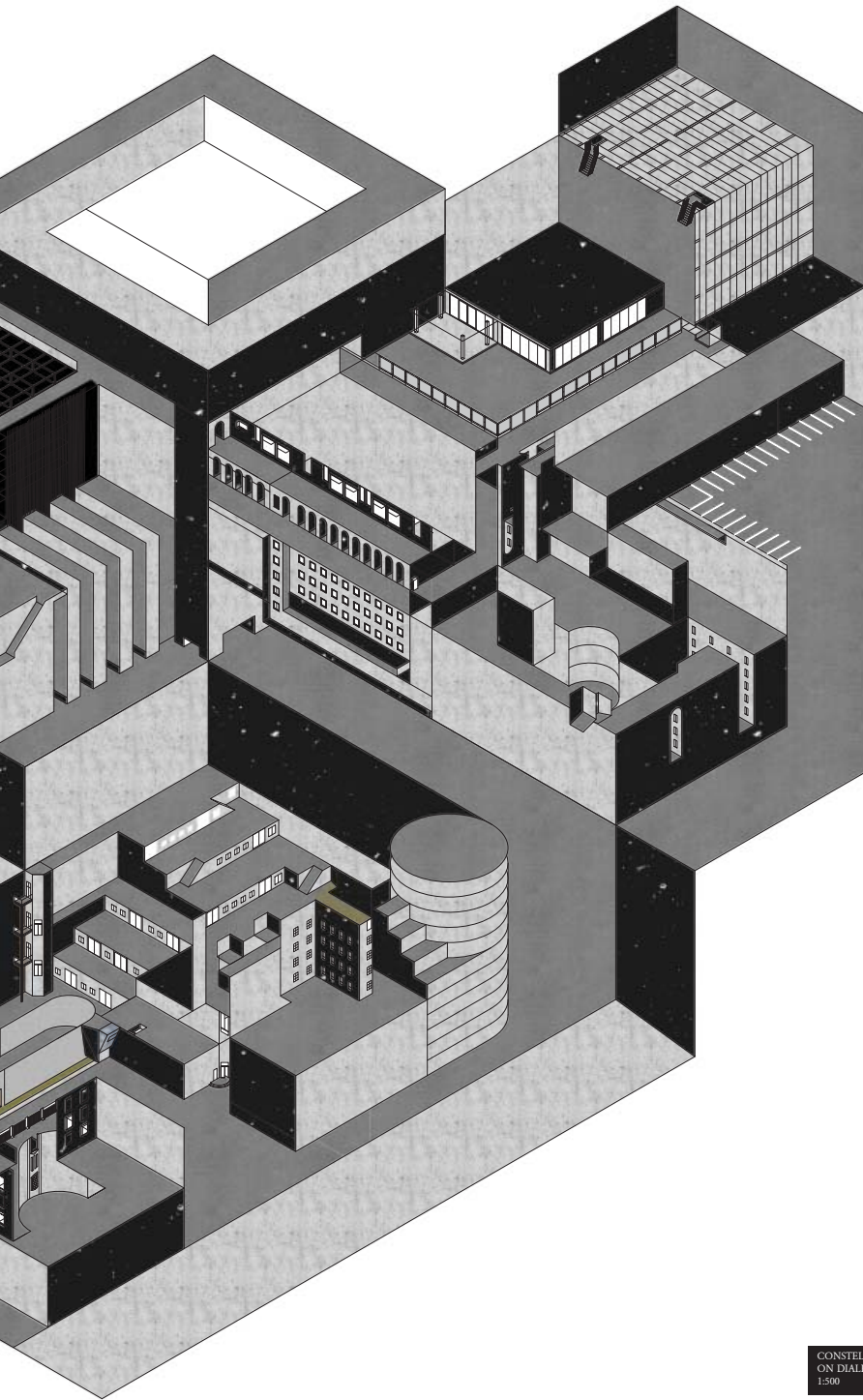


Organic totality "Panda" vendor kiosk

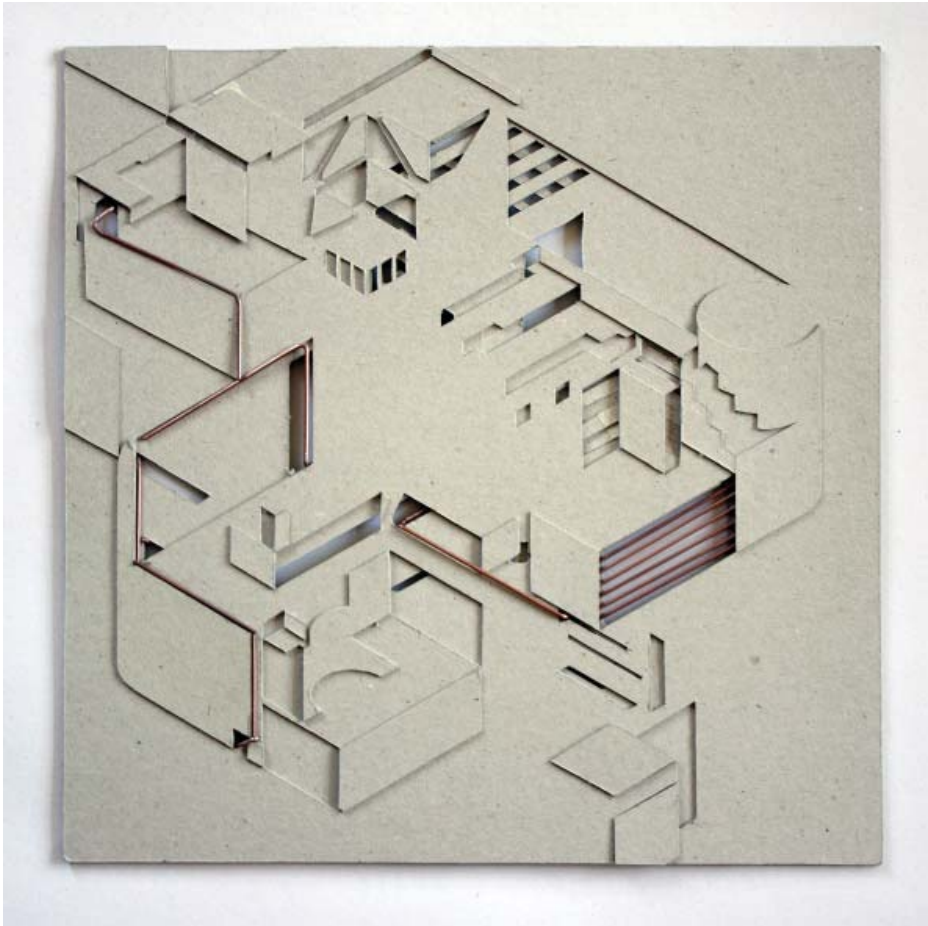


Calea Victoriei "TEATRUL"
comedy theater ensemble
1:500

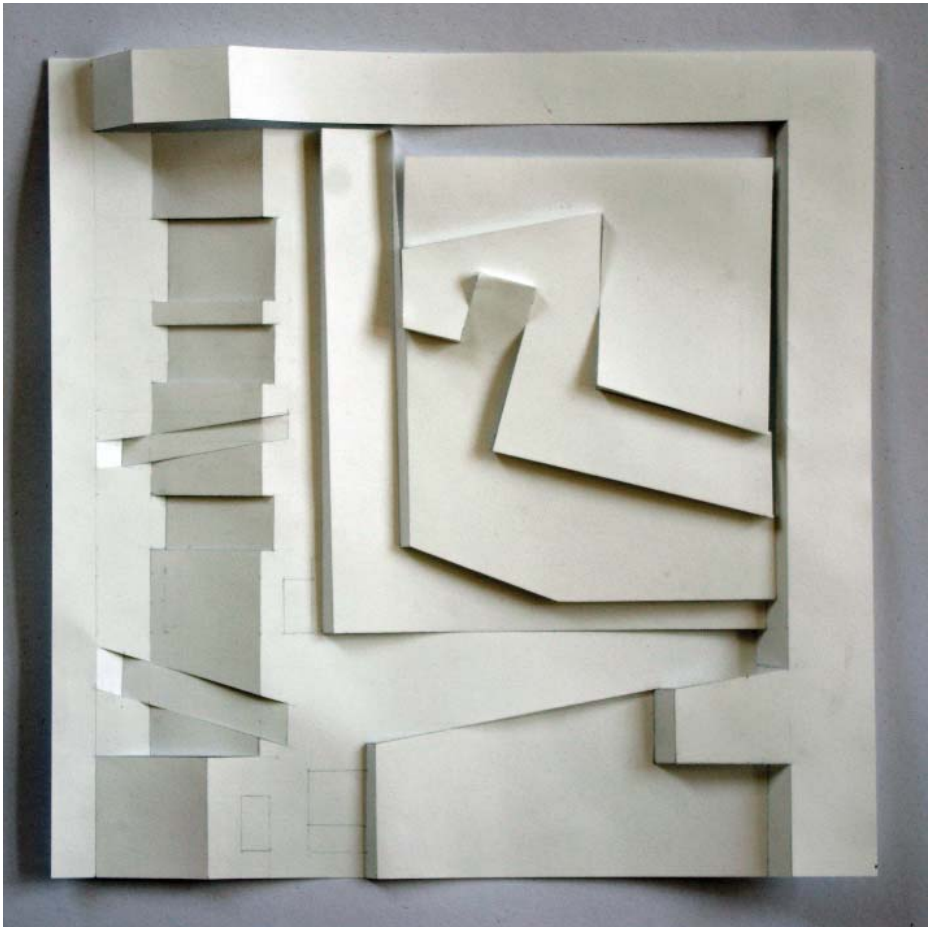




CONSTELLATION DRAWING
ON DIALECTICAL SEEING
1:500



Mapping 2.5D Front



Assemblage unfolding mappings

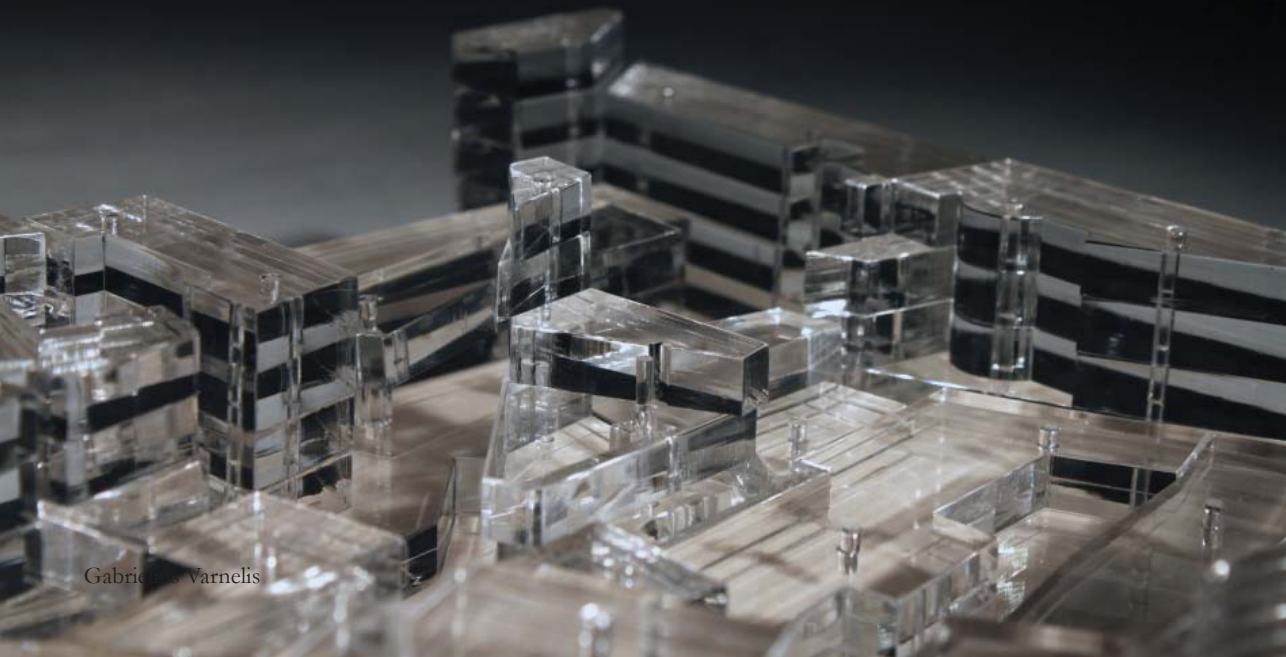


Refracting Environment



Design

**FORENSIC RESEARCH
INSTITUTE**

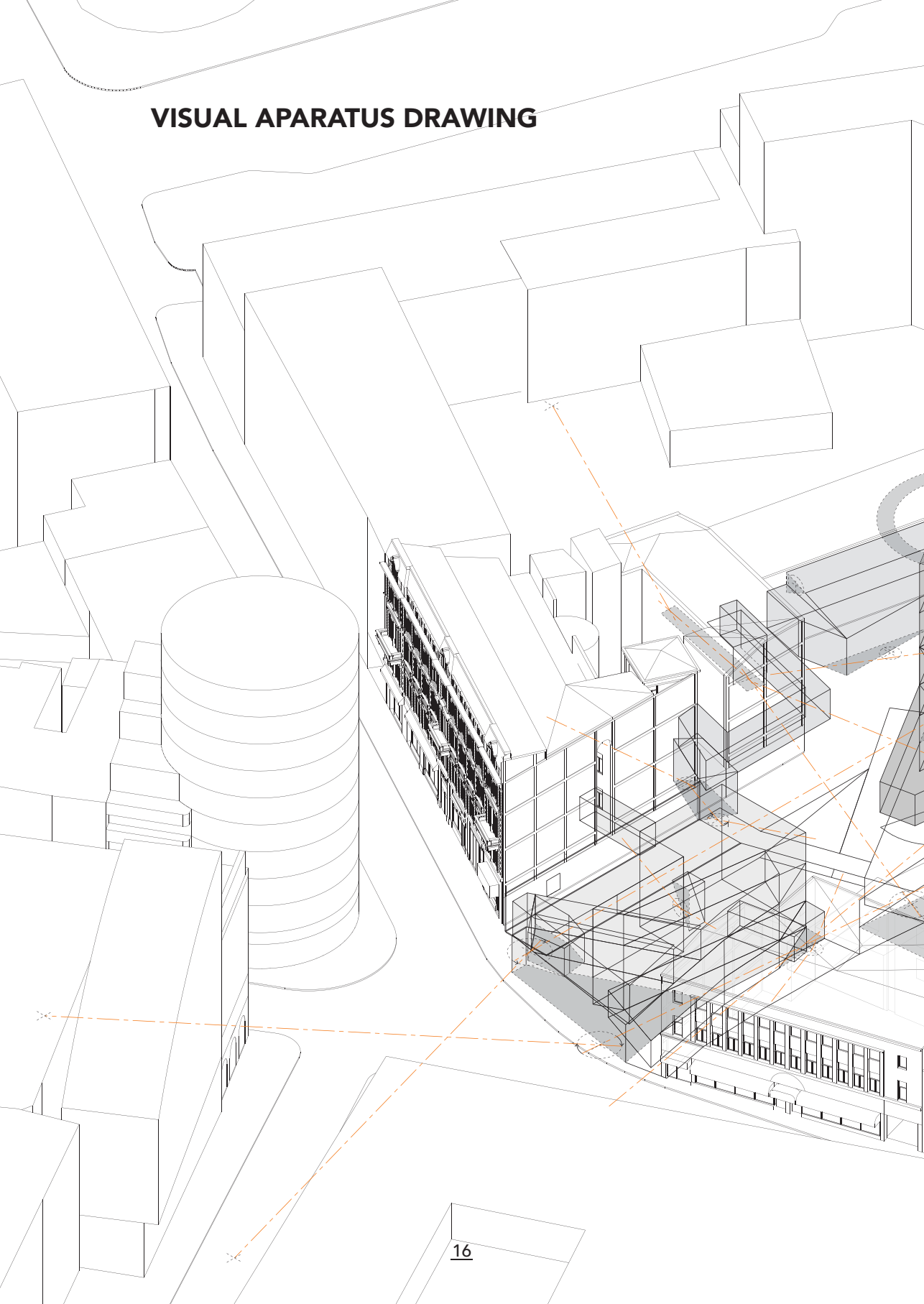


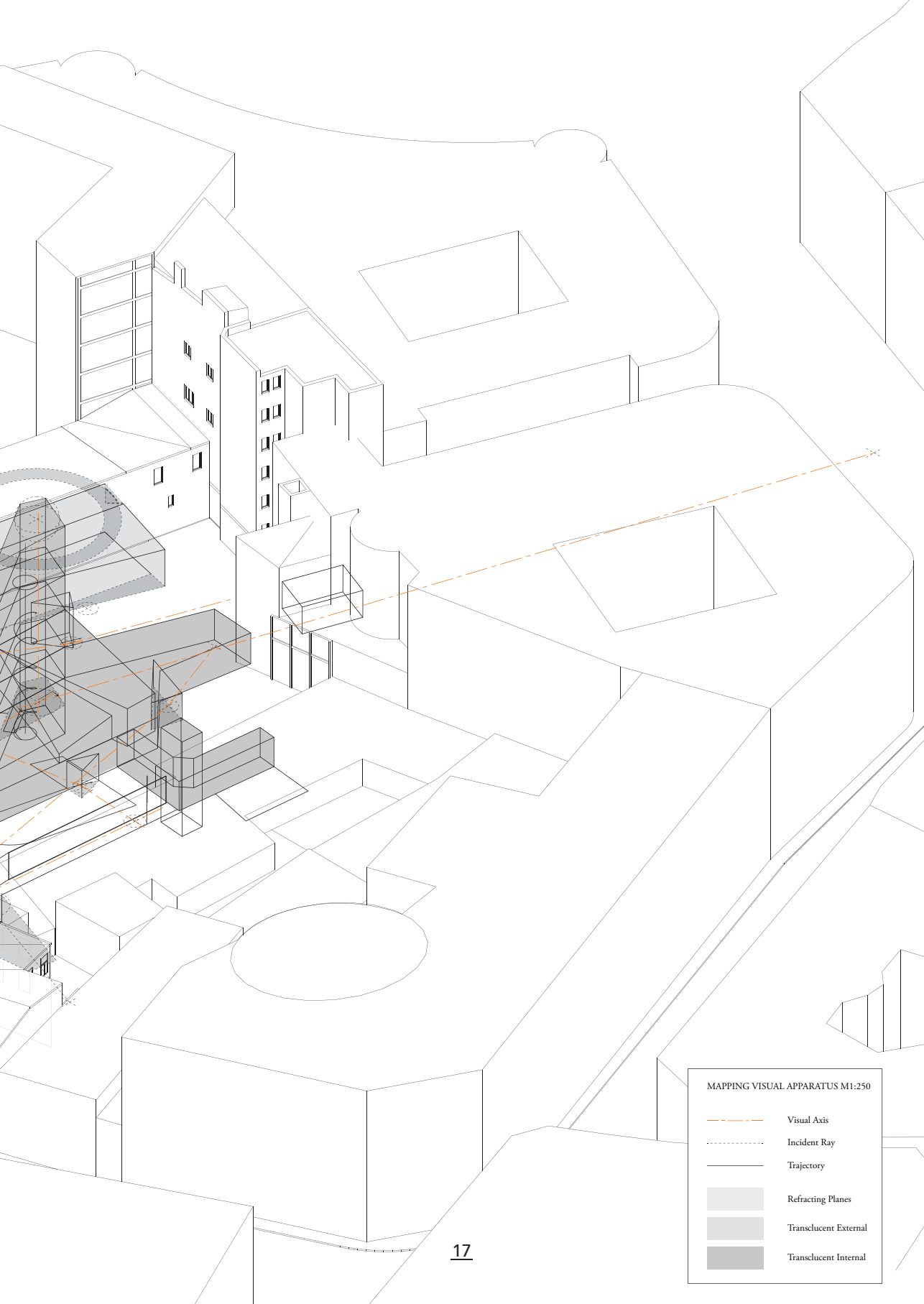
Form follows refraction



Visualisation of inbetween space

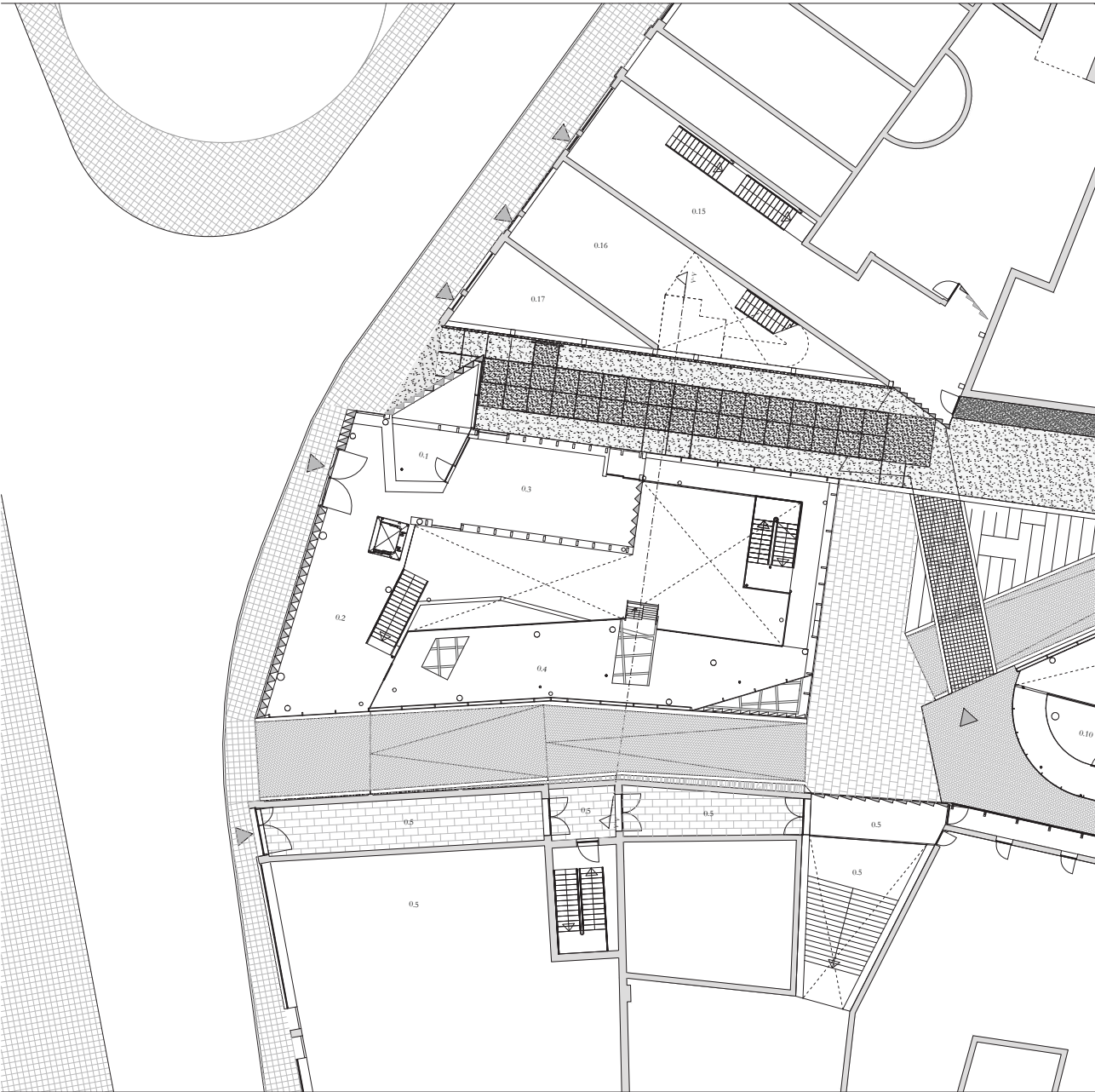
VISUAL APARATUS DRAWING



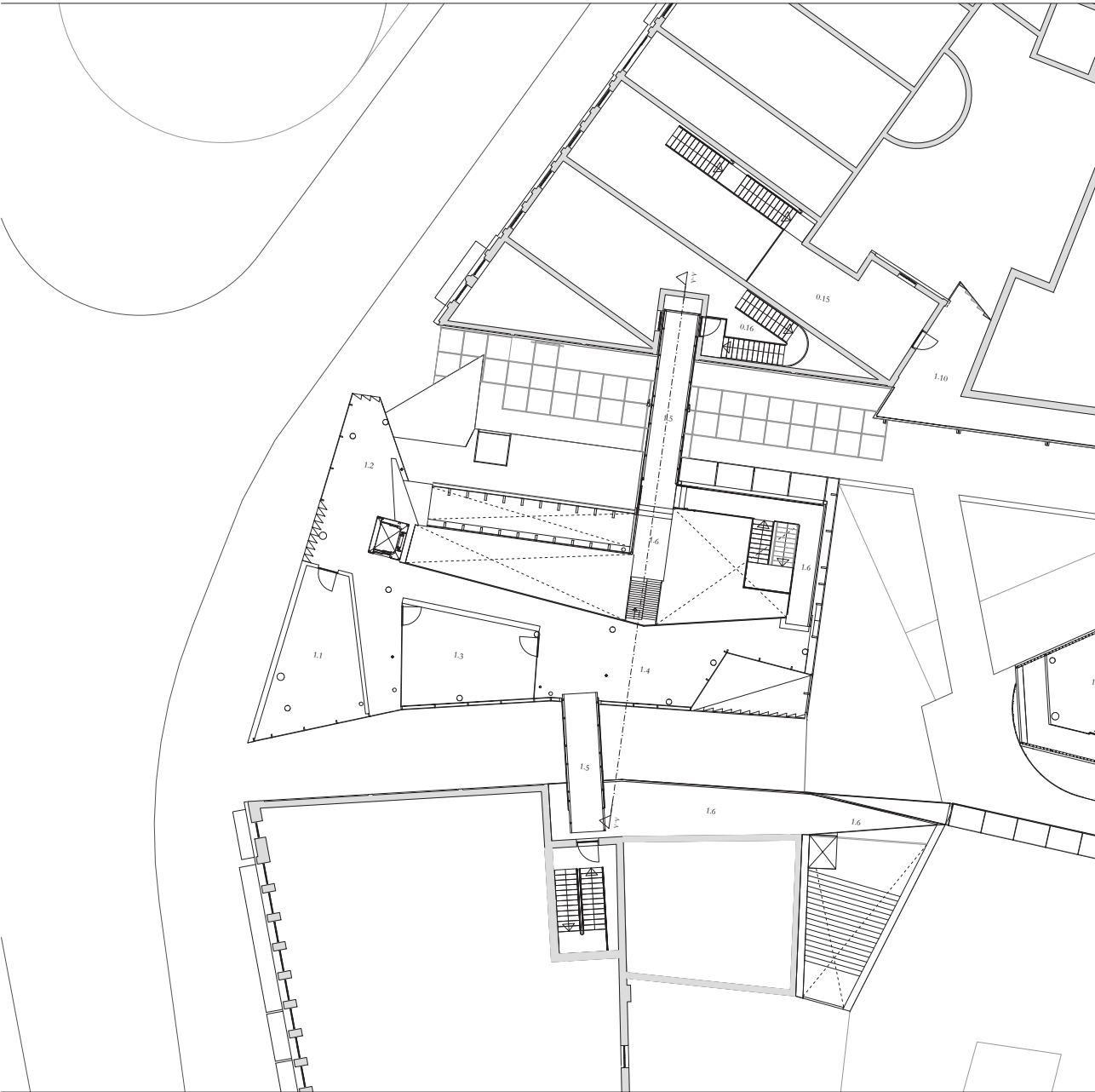


MAPPING VISUAL APPARATUS M1:250

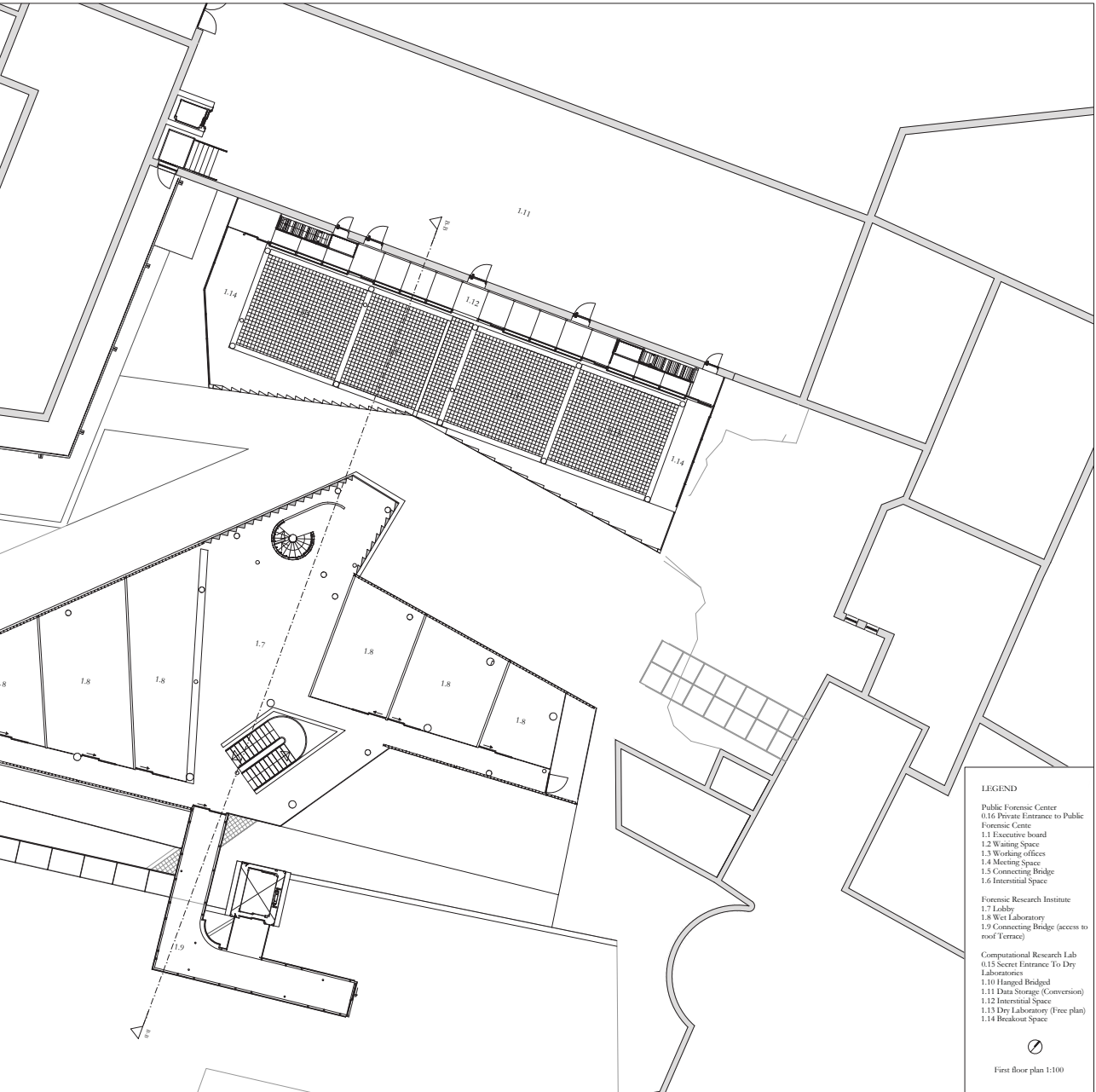
- Visual Axis
- Incident Ray
- Trajectory
- Refracting Planes
- Translucent External
- Translucent Internal



Groundfloor plan



First Floor plan



LEGEND

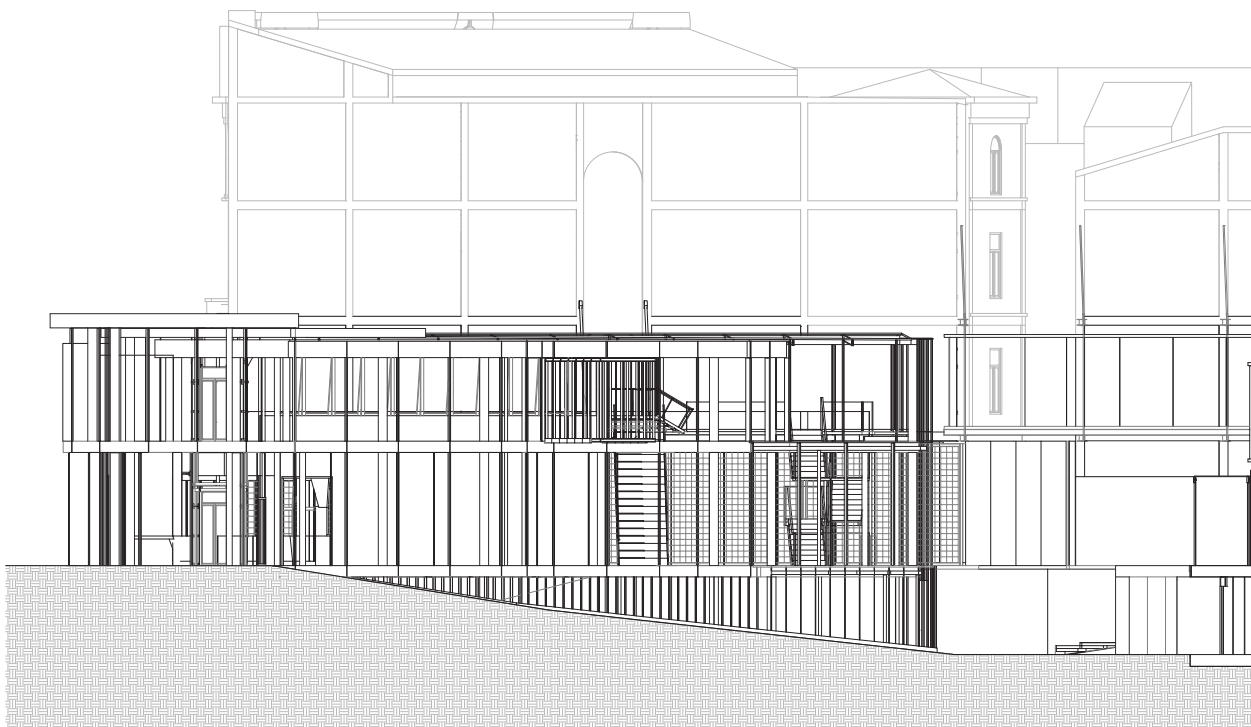
- Public Forensic Center
- 0.16 Private Entrance to Public Forensic Centre
- 1.1 Executive board
- 1.2 Waiting Space
- 1.3 Working offices
- 1.4 Meeting Space
- 1.5 Connecting Bridge
- 1.6 Interstitial Space

- Forensic Research Institute
- 1.7 Lobby
- 1.8 Wet Laboratory
- 1.9 Connecting Bridge (access to roof Terrace)

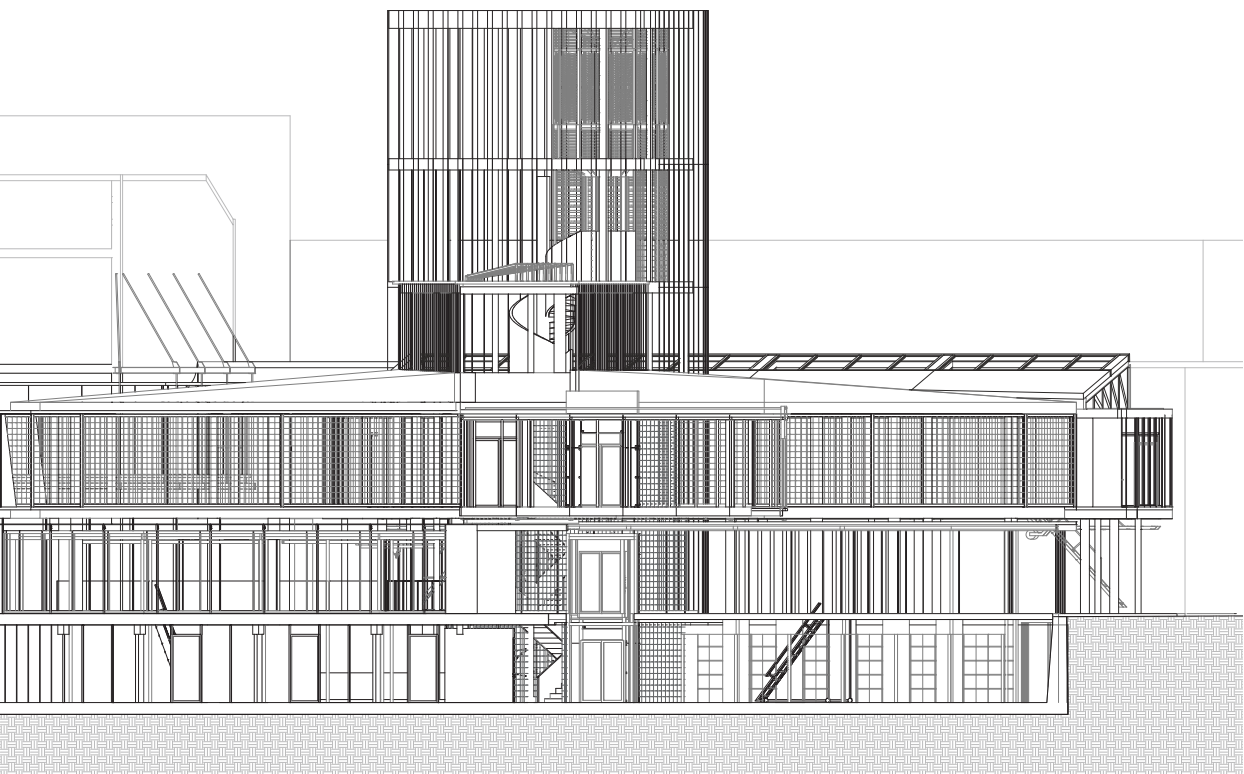
- Computational Research Lab
- 0.15 Secret Entrance To Dry Laboratories
- 1.10 Hanged Bridged
- 1.11 Data Storage (Conversion)
- 1.12 Interstitial Space
- 1.13 Dry Laboratory (Free plan)
- 1.14 Breakout Space



First floor plan 1:100



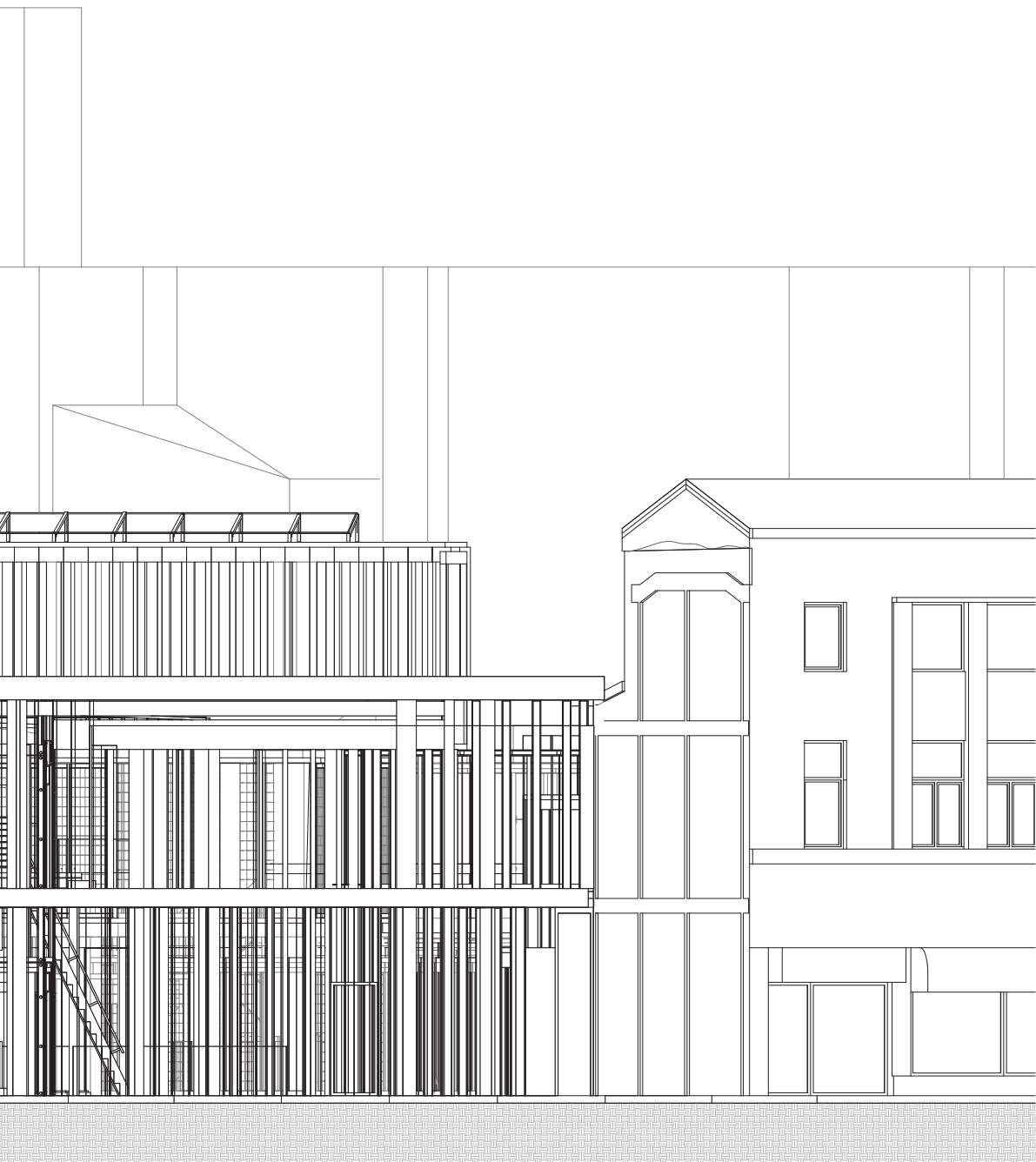
North-West Elevation

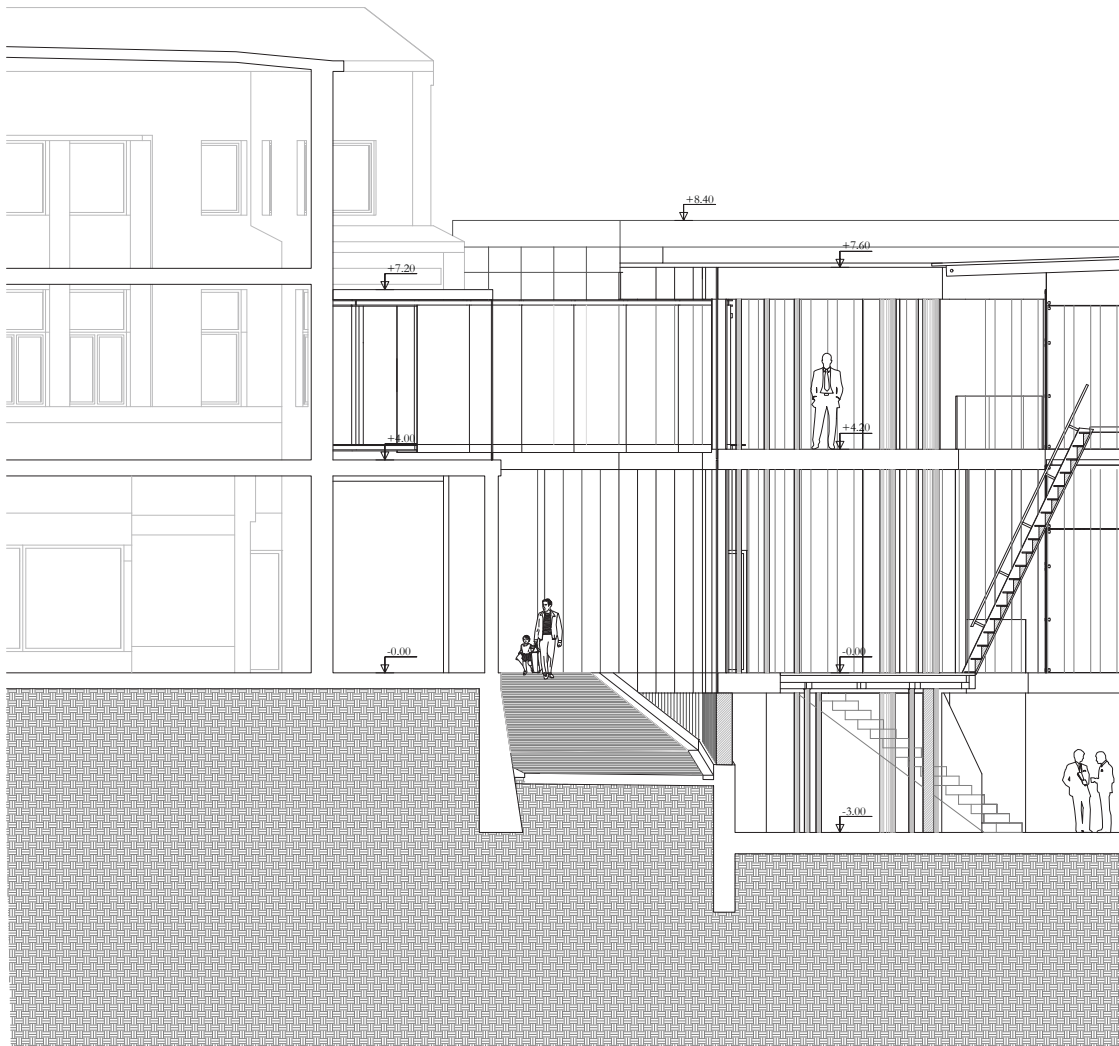


PUBLIC RESEARCH CENTER



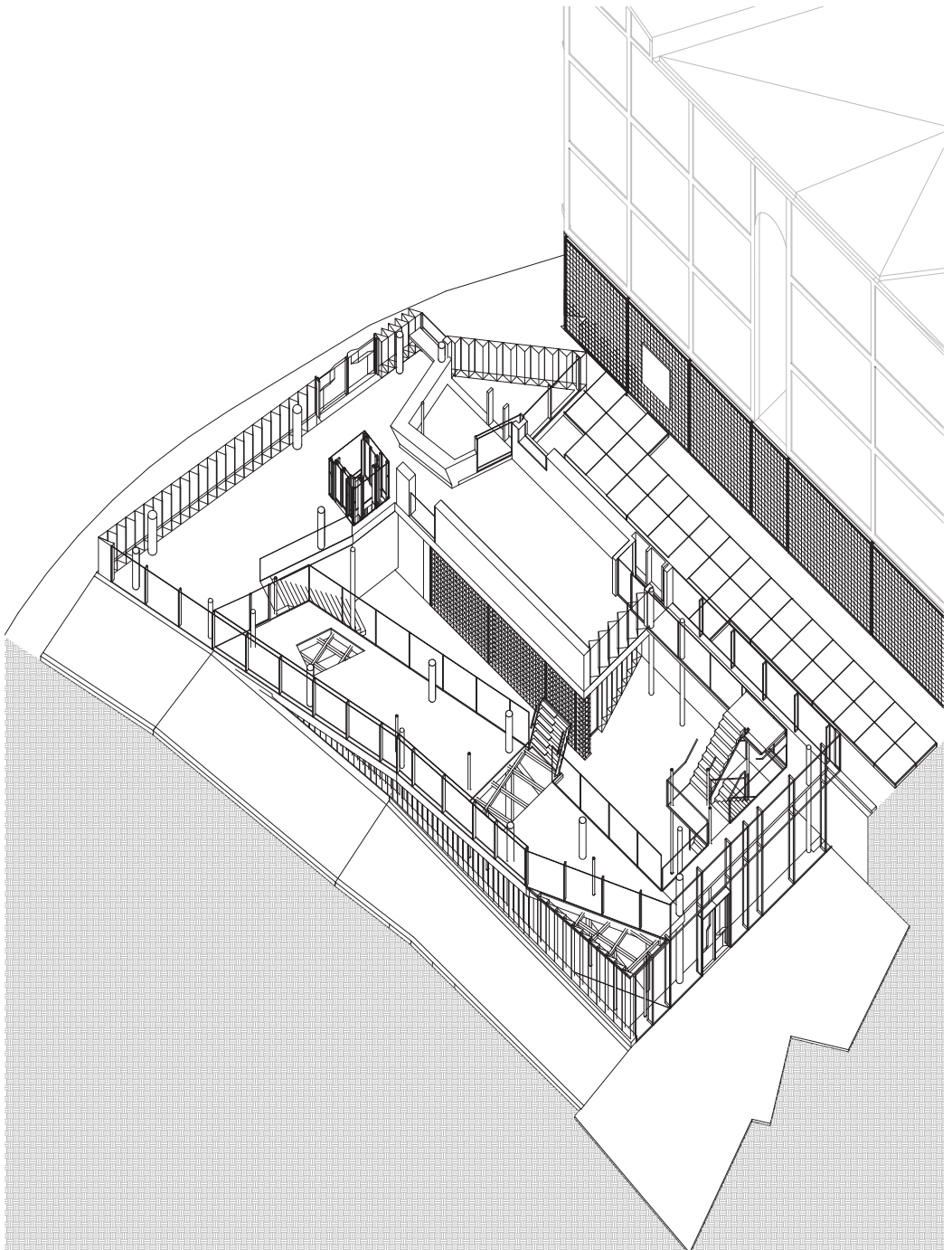
South-West Elevation

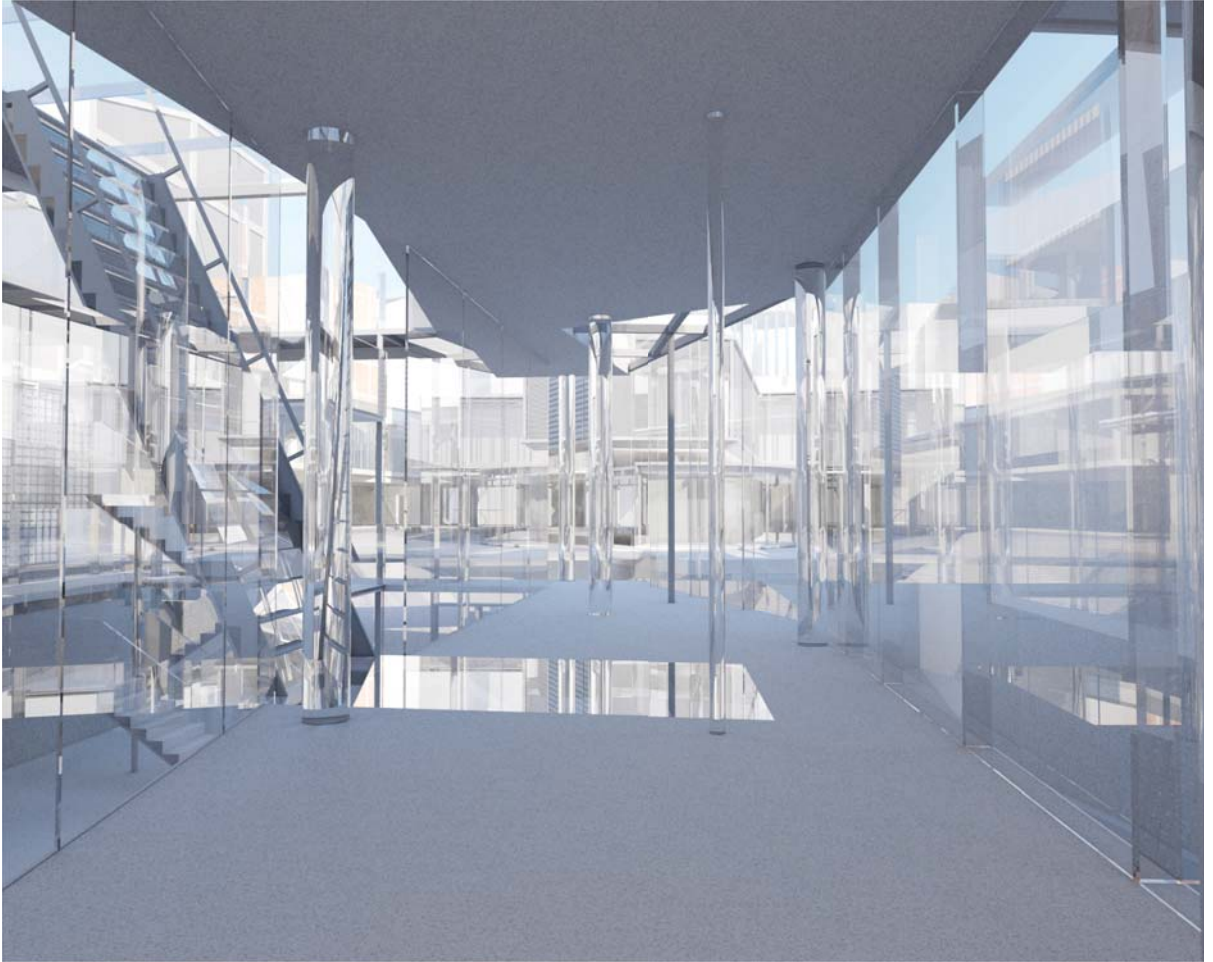




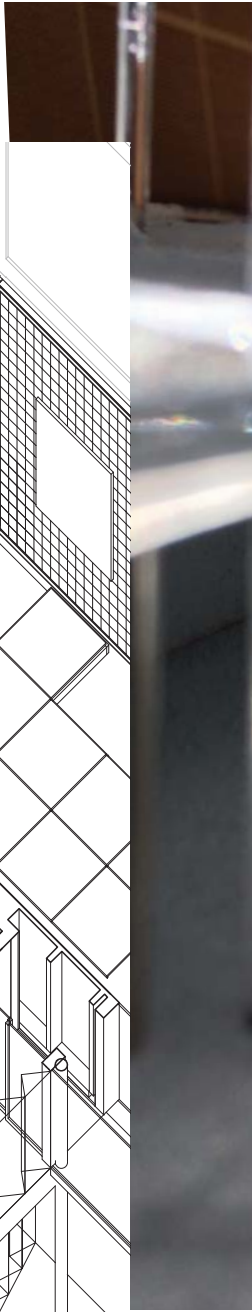
Public Research Center Section



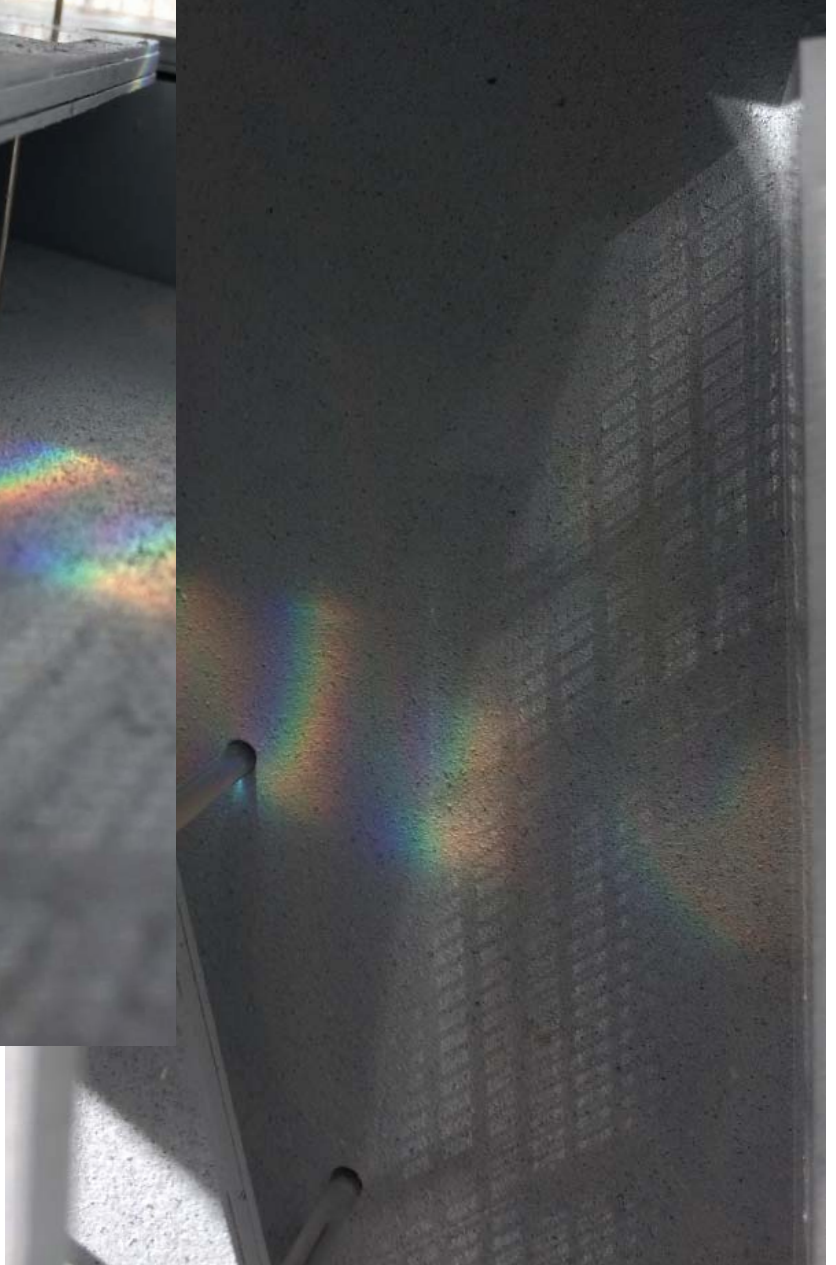
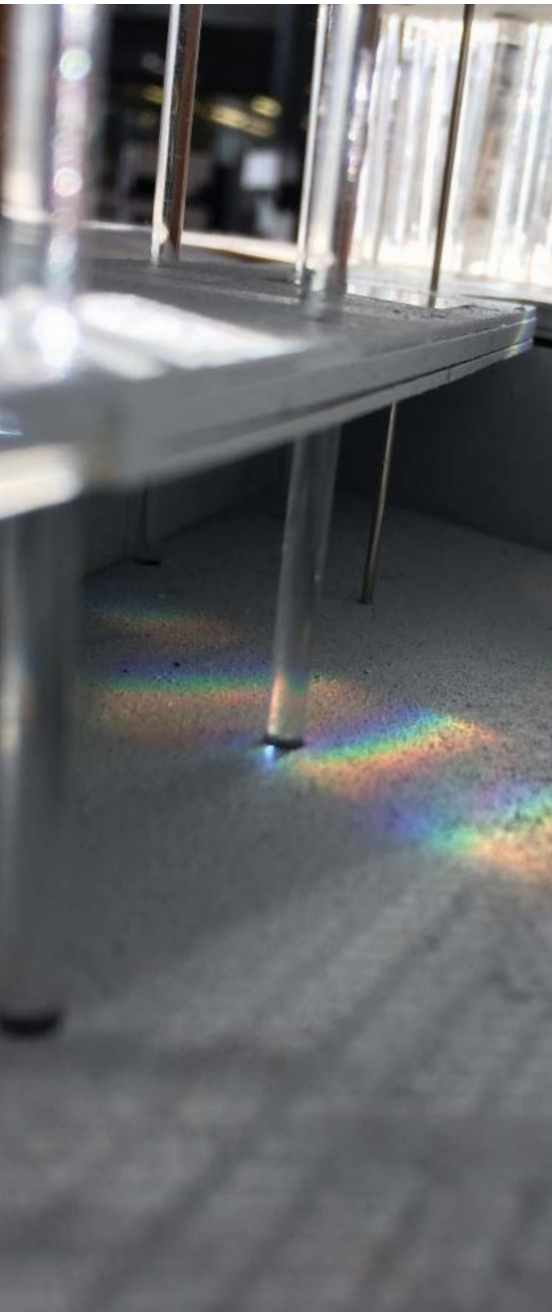




Public Research Center Interior Visualization



Partial Orthogonal Projection



Refractions of model

INBETWEEN SPACES



Section of model

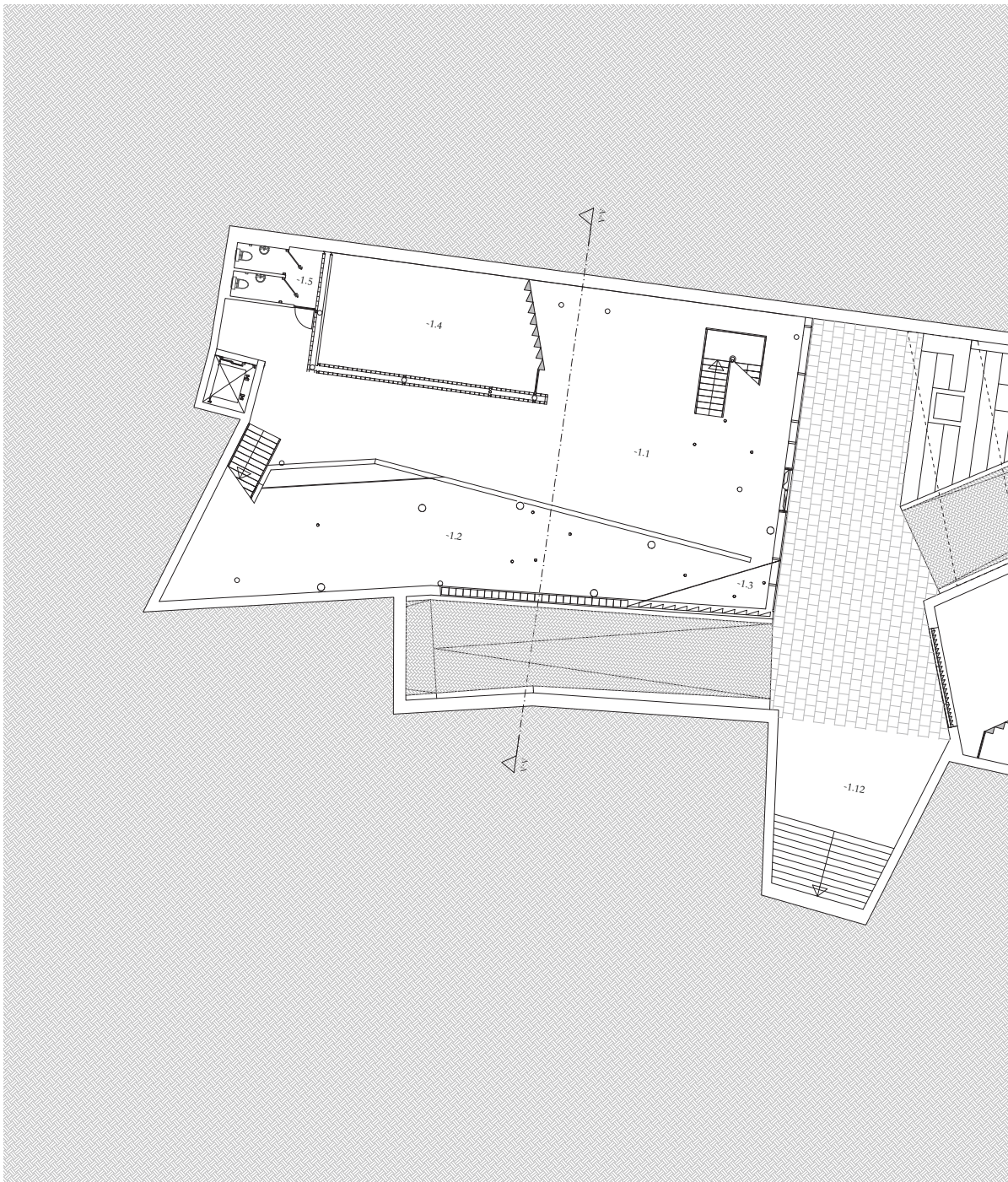
Gabrielius Varnelis



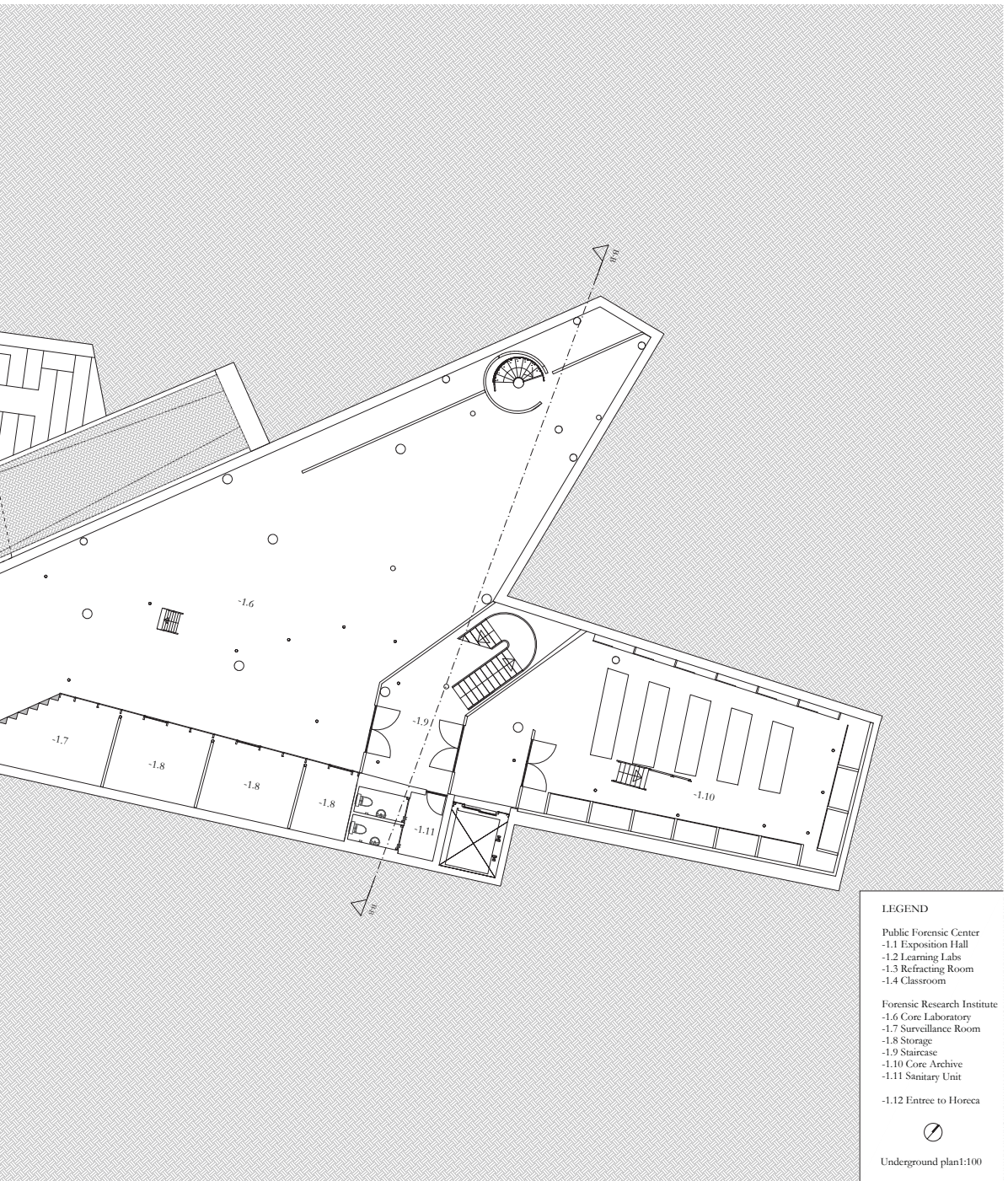
Model




Tilde (~)

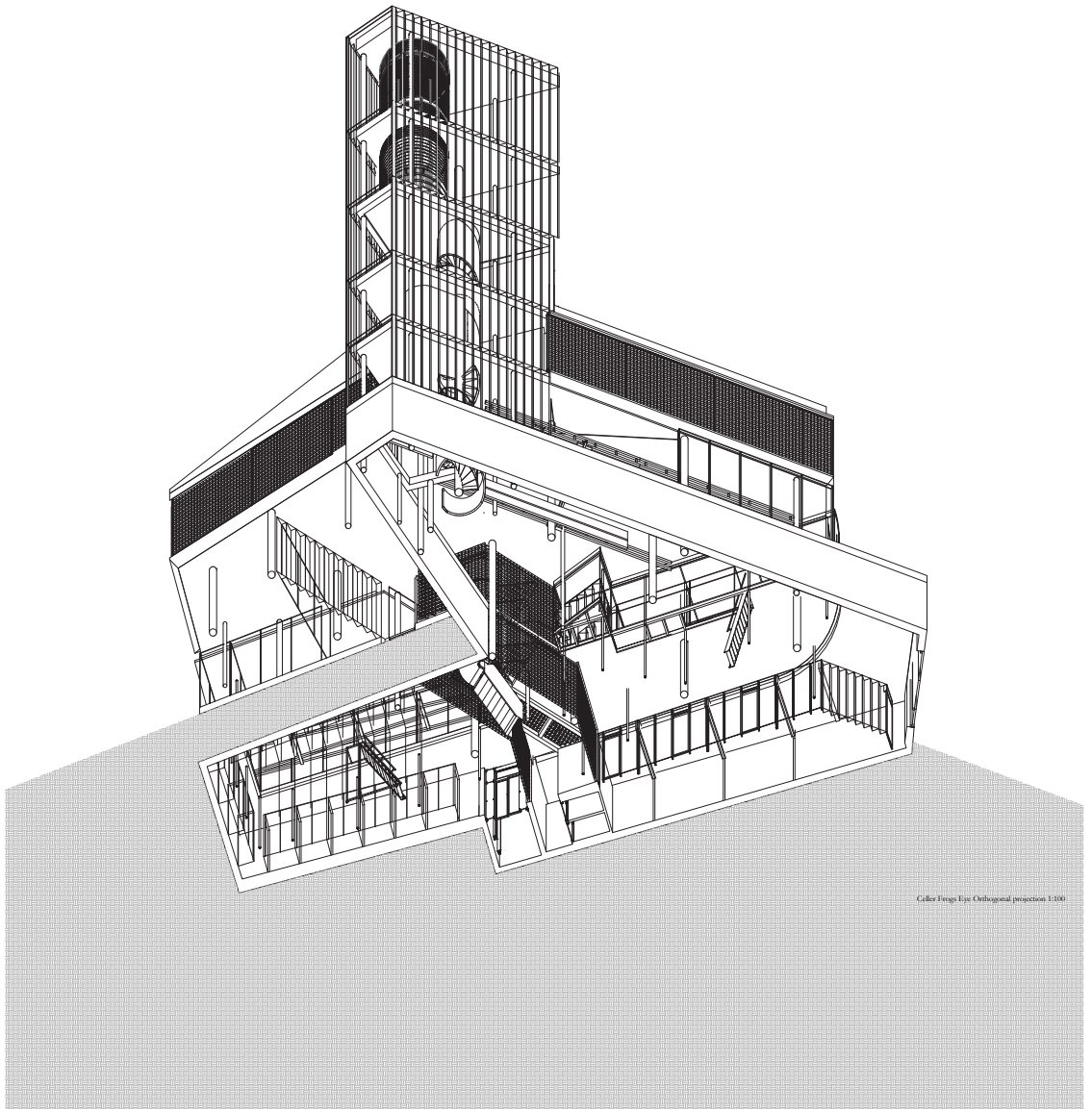


Celler plan



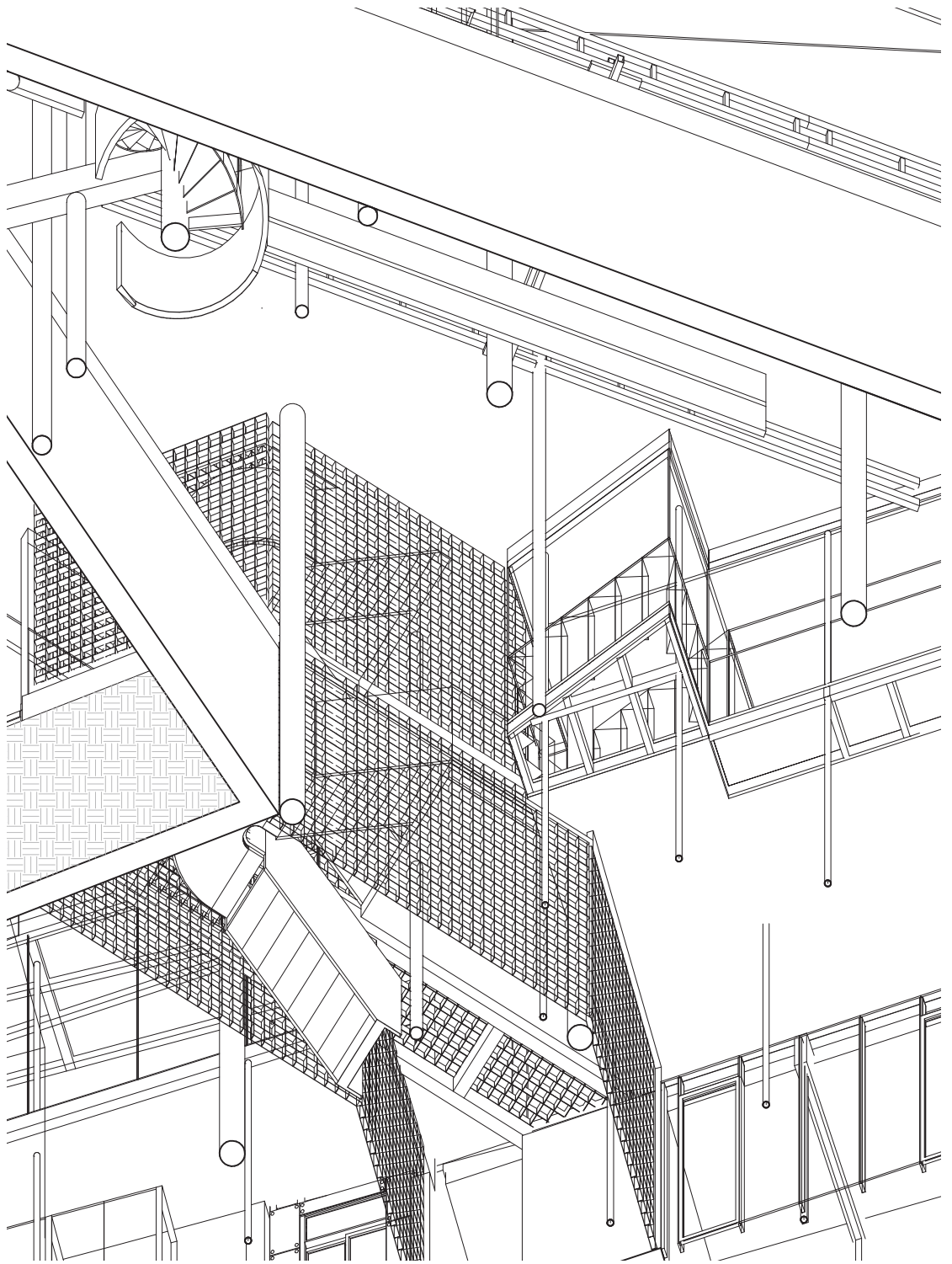
- LEGEND**
- Public Forensic Center
 - 1.1 Exposition Hall
 - 1.2 Learning Labs
 - 1.3 Refracting Room
 - 1.4 Classroom
 - Forensic Research Institute
 - 1.6 Core Laboratory
 - 1.7 Surveillance Room
 - 1.8 Storage
 - 1.9 Staircase
 - 1.10 Core Archive
 - 1.11 Sanitary Unit
 - 1.12 Entree to Horeca
 - 
- Underground plan1:100

CORE LABORATORY

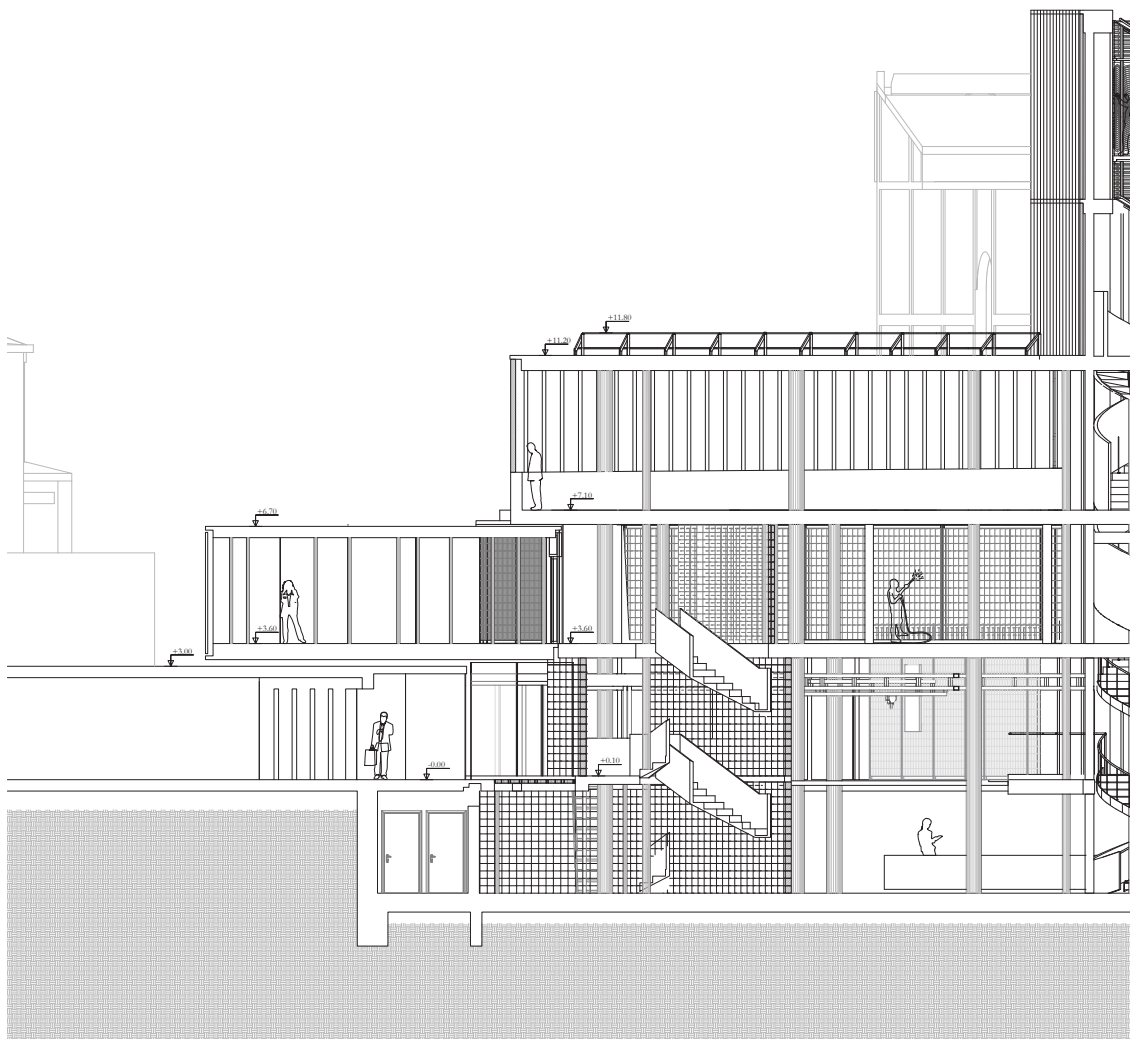


Core Laboratory Frog's Eye Orthogonal projection 1:100

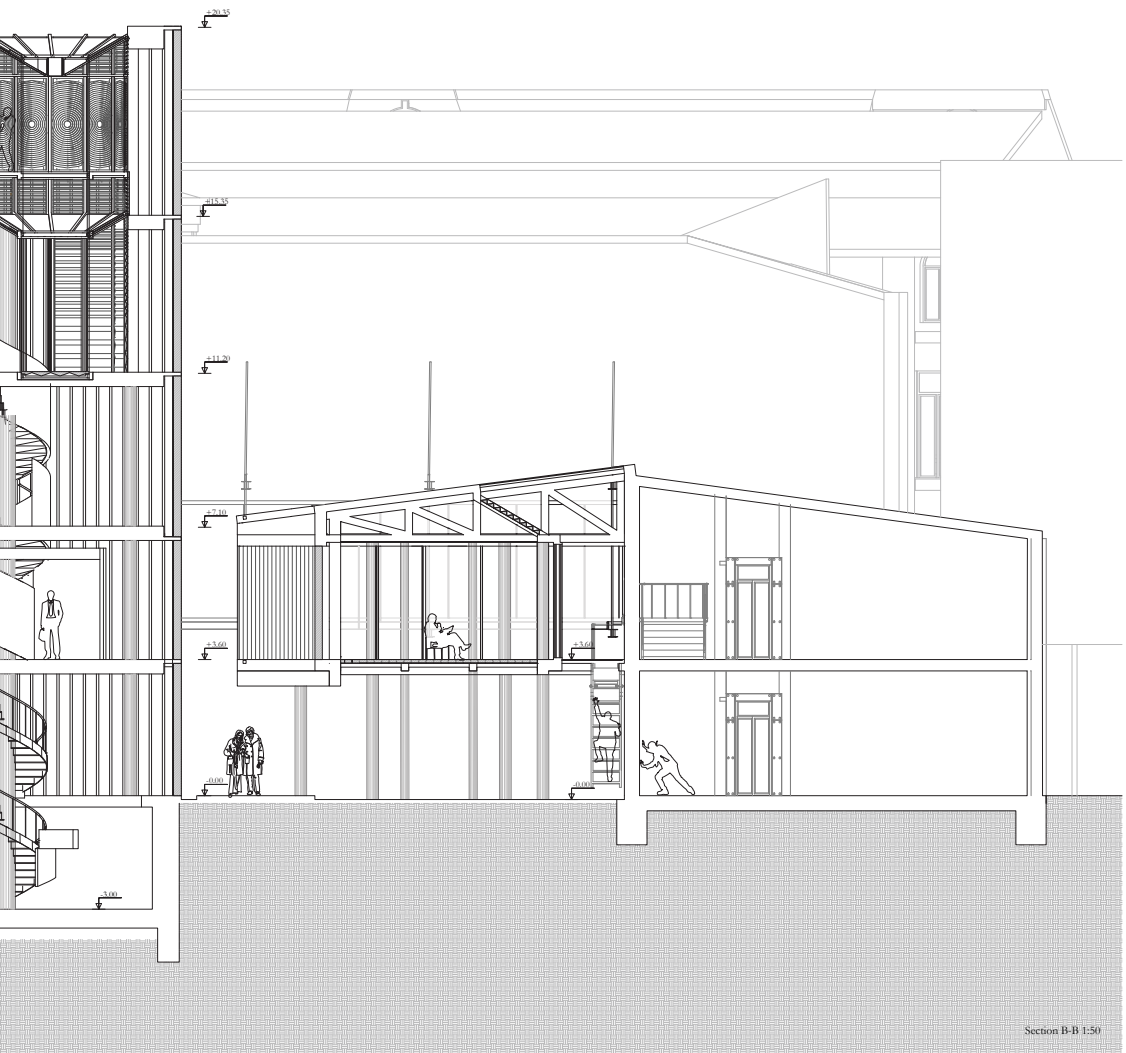
Core Laboratory Frog's Eye Orthogonal Projection

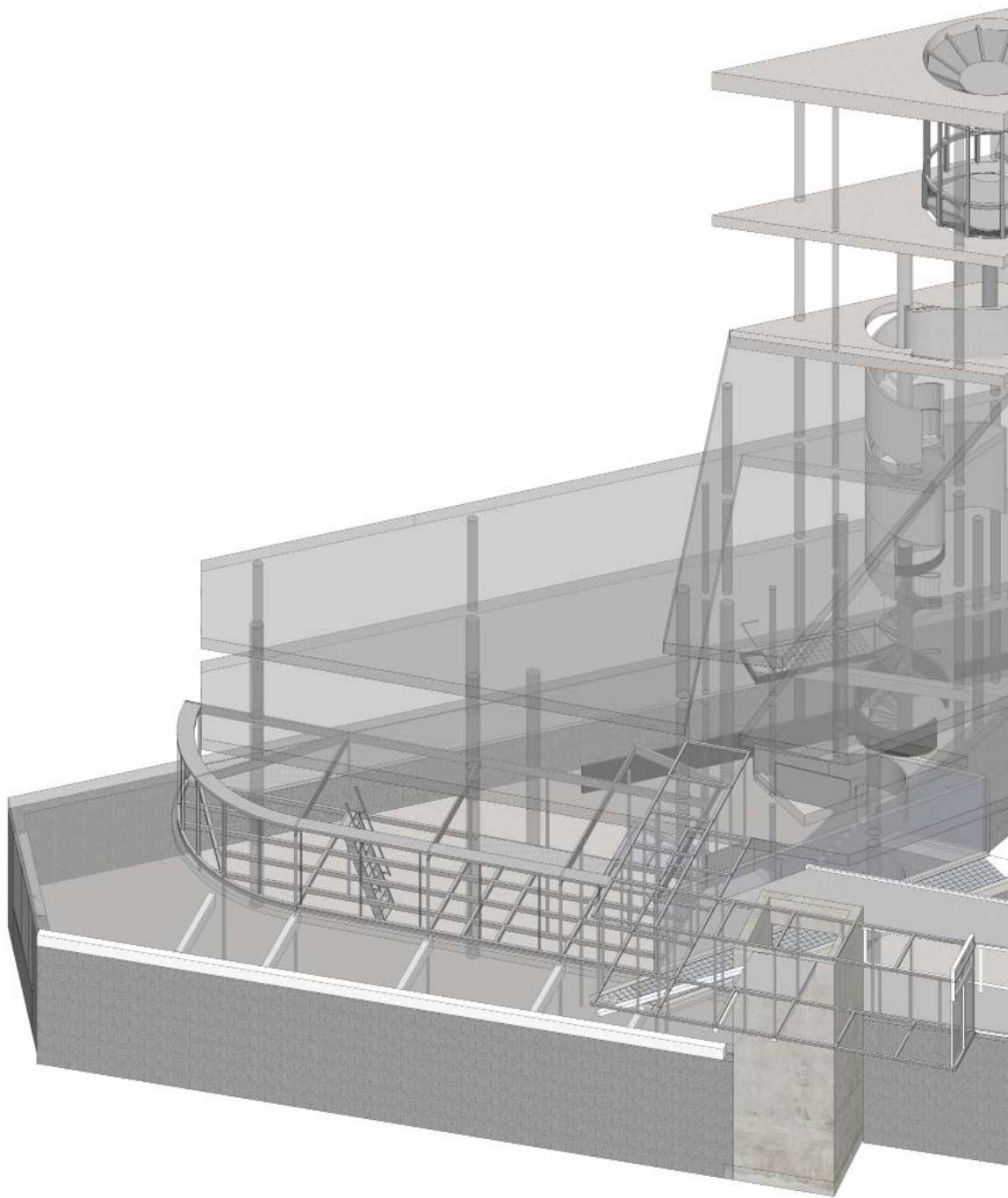


Partial Orthogonal Projection

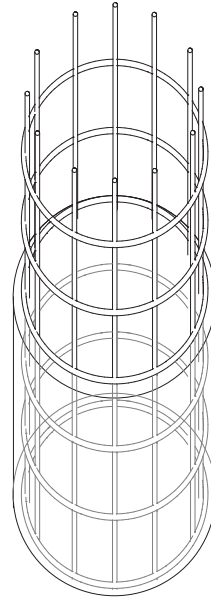
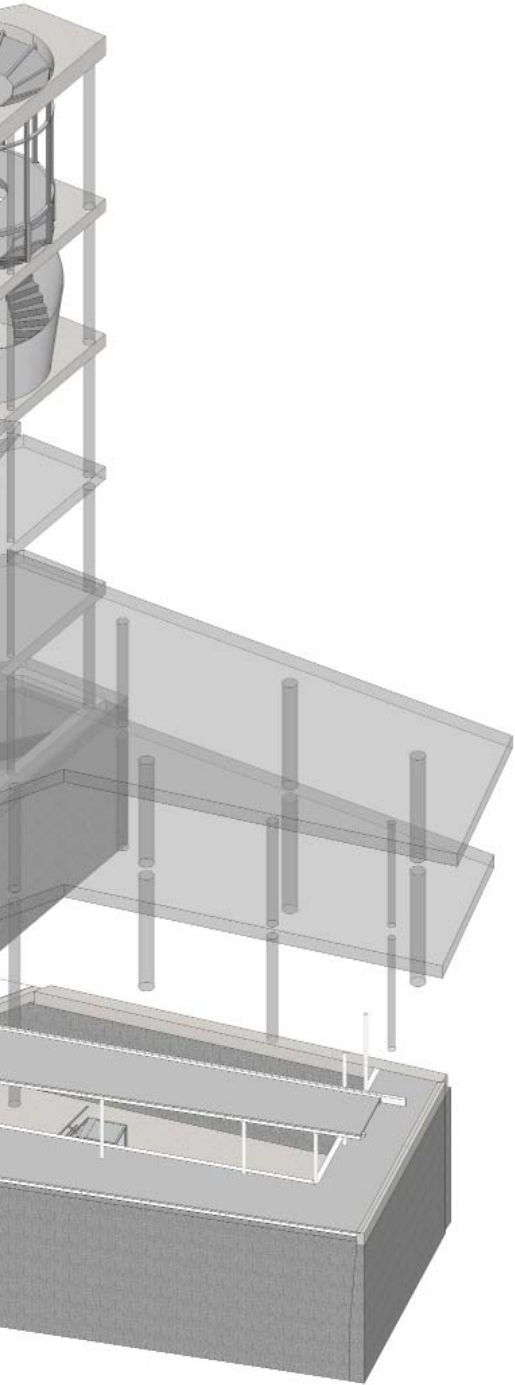


Core & Dry Laboratory Section

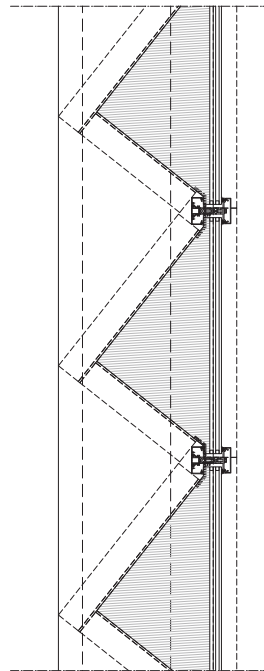




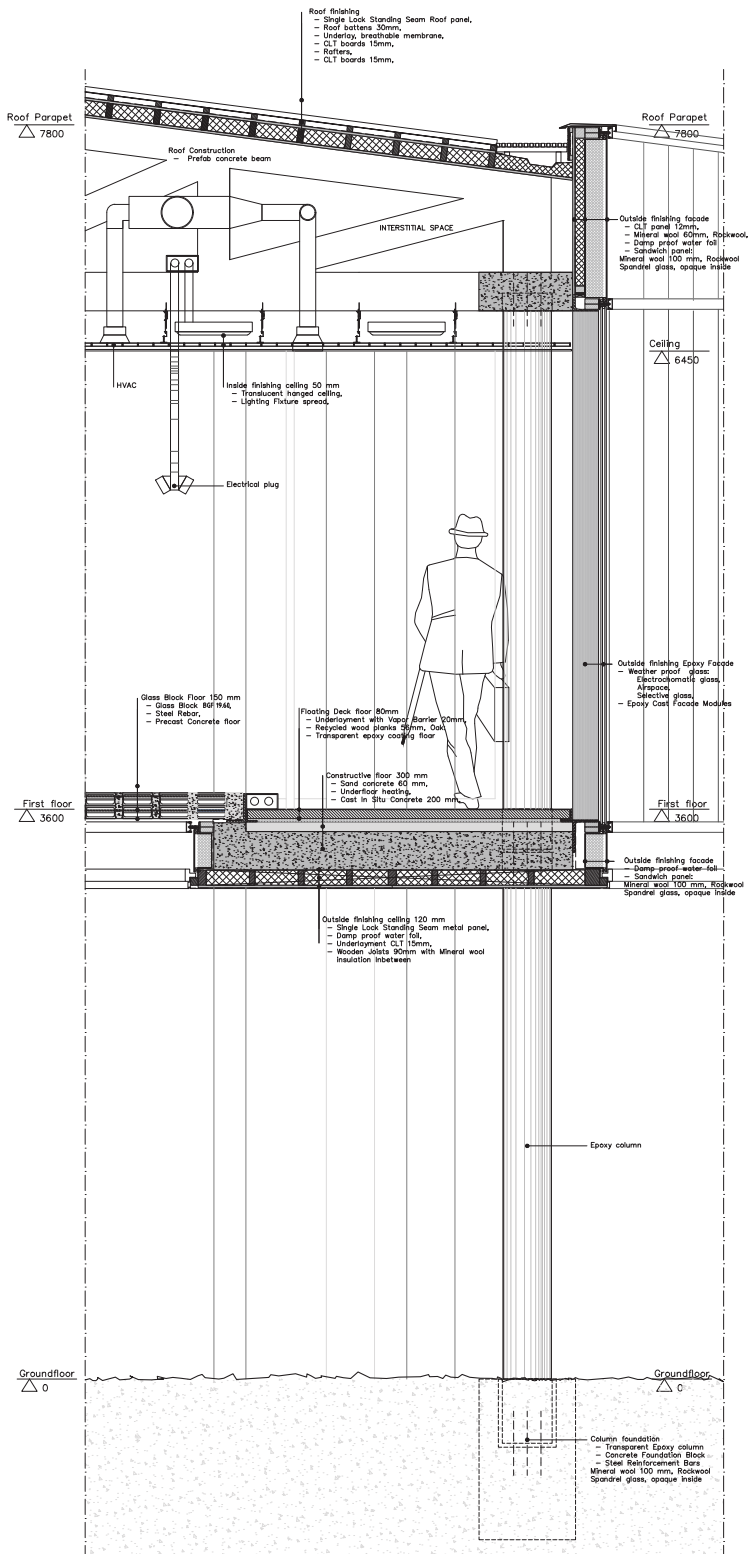
Core & Dry Laboratory Structural System



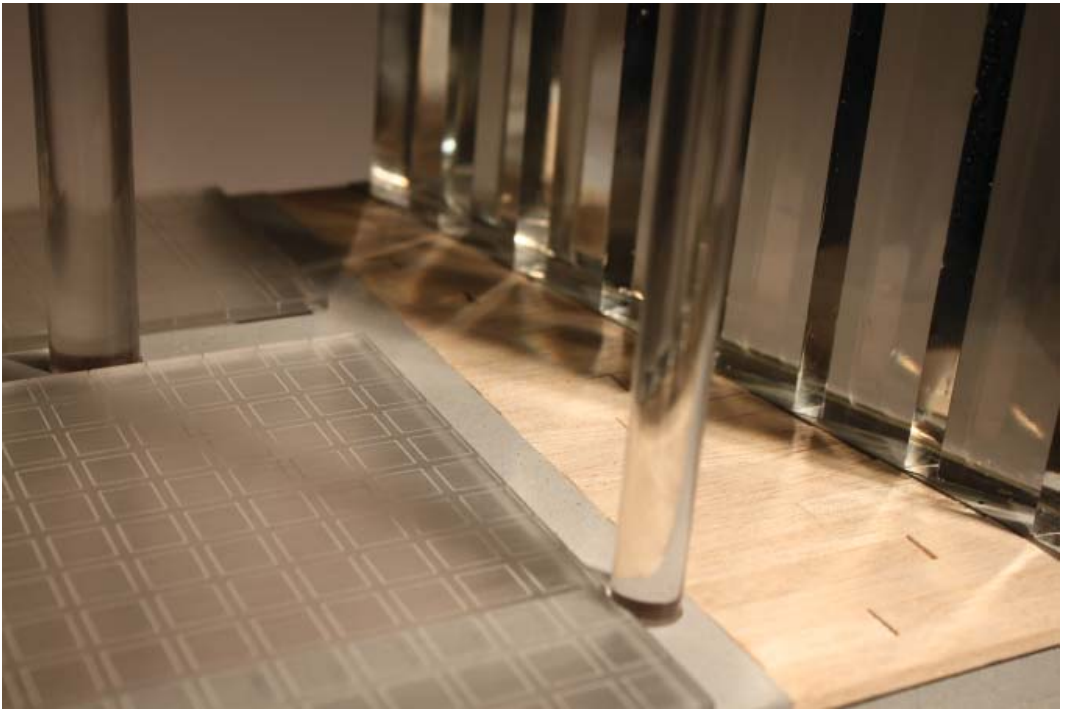
Epoxy Column Joint Detail with concrete



Epoxy Facade Module Detail



Partial Section



Interior model picture



Exterior model picture

2