

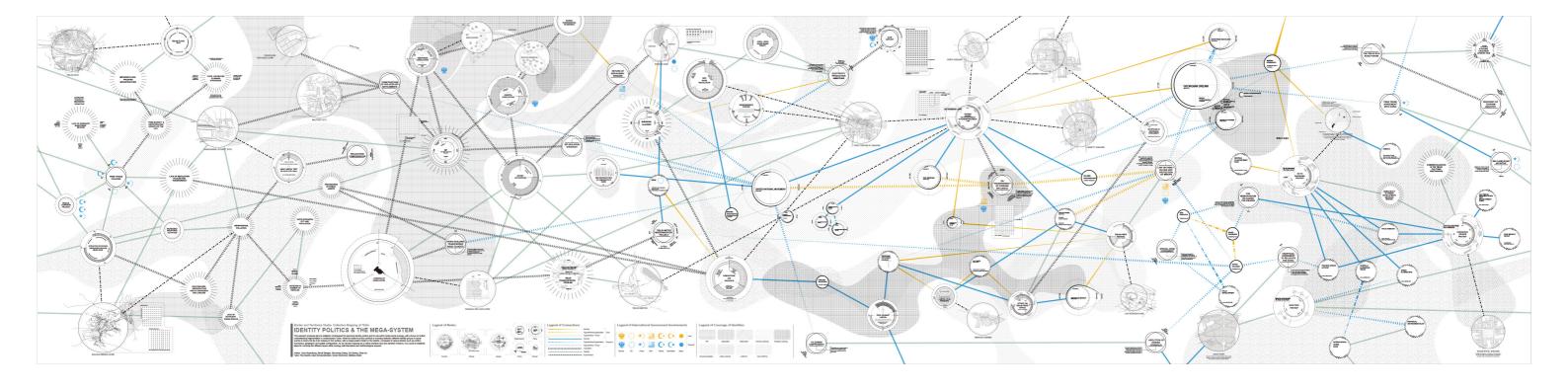
MICHAEL ZIHAN XU 徐子涵 P'5 PRESENTATION

2026.06.25

PROLOGUE

THE PRODUCTION OF SPACE

THEORETICAL FRAMEWORK



AND REASSEMBLED THROUGH THE INTERACTIONS OF A DIVERSE RANGE OF ACTORS'

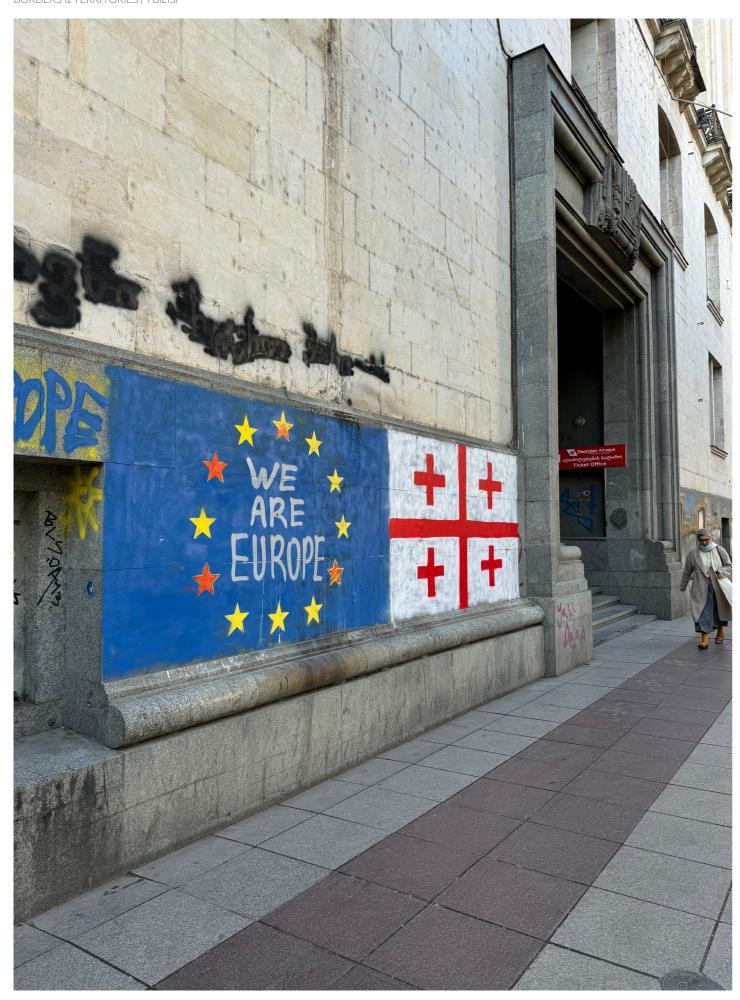
-BRUNO LATOUR **REASSEMBLING THE SOCIAL**, 2007-

PROLOGUE

URBAN PALIMPSEST



URBAN PALIMPSEST





'SPACE IS NOT MERELY A NEUTRAL OR PASSIVE CONTAINER FOR HUMAN ACTIVITIES BUT IS ACTIVELY PRODUCED BY SOCIAL PROCESSES'

-HENRI LEFEBVRE **THE PRODUCTION OF SPACE**, 1974-













Проект застройки жилого района Багеби. Арх. Б. Маминаишвили, при участии П. Дзидзигури, Т. Зеделашвили, Н. Кикачемишвили, Н. Кошадзе Construction project of Bagebi residential district. Architect B. Maminaishvili with P. Dzidziguri, T. Zedelashvili, N. Kikacheishvili, N. Koshadze participating



SOVIET INDUSTRIALISATION

1920s Electrification 1928-1932 First Five-Year Plan (Stalin's "Revolution from Above") 1933-1937 Second Five-Year Plan 1940s-1950s Post-WWII Reconstruction and Continued Industrialization

KHRUSHCHEV ERA AND MASS HOUSING CONSTRUCTION

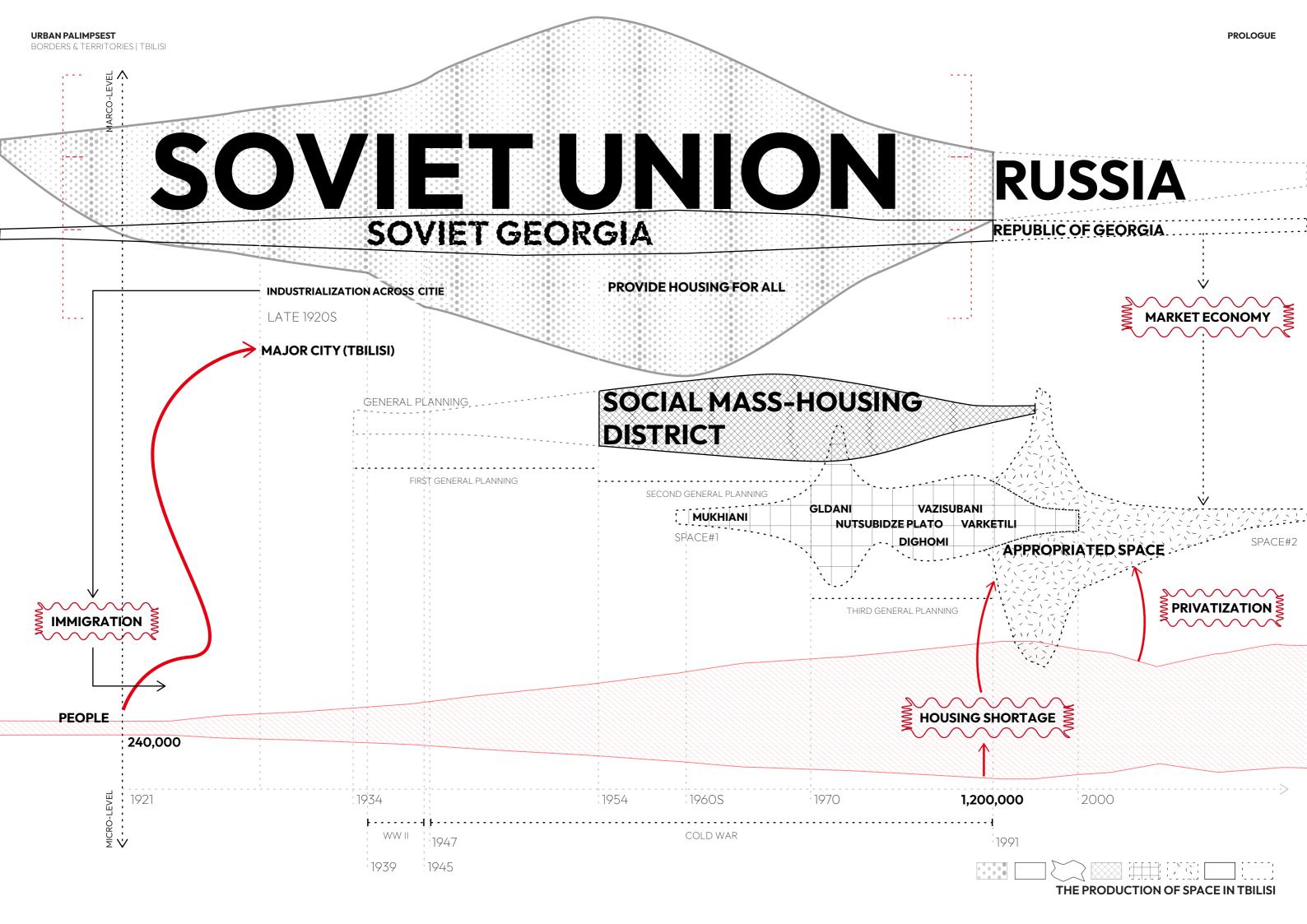
Widespread adoption of prefabricated panel-block apartment buildings and the creation of microdistricts (microrayons)

MICRO-DISTRICT CONCEPT

Aimed for utopian masterplanning, but resulted in a pragmatic, albeit imperfect, solution to a massive housing crisis

KAMIKAZE LOGGIA APARTMENT BUILDING EXTENSION (ABE)

Self-construction since the late Soviet era to accommodate growing needs





LATE SOVIET ERA (LATE 1980S)

The Soviet government in Georgia officially introduced the concept of apartment building extensions (ABEs) in the late 1980s. This was an attempt to address persistent housing shortages and allow citizens to increase their living space.



POST-SOVIET COLLAPSE

"DO-IT-YOURSELF"
This was a period of "architecture without architects," where residents, driven by necessity, adapted their living spaces in an entirely informal and self-organized manner.



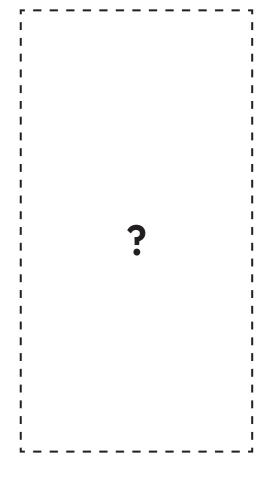
EARLY TO MID-2000S

Attempts were made by local governments to regain control over urban development. This included efforts to legalize existing extensions (often requiring fines) and to prevent new unauthorized construction.



MID-2000S TO PRESENT

The construction of new, unauthorized apartment building extensions was largely banned in the second half of the 2000s.



FUTURE...

What can ABE be reused and reimagined.

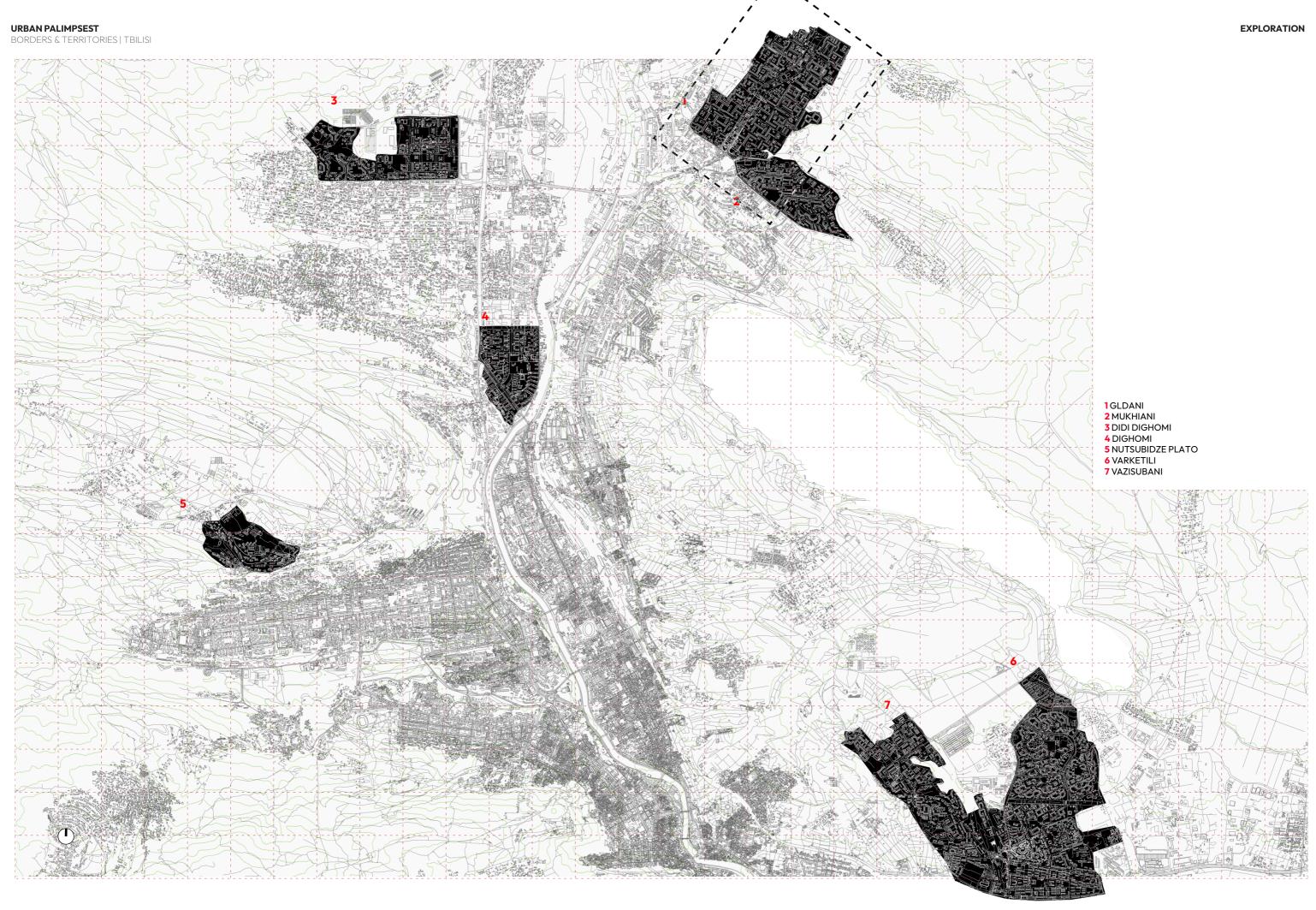
'CONTRARY TO APPROACHES THAT TREAT CITIES AS "TABULA RASA"—BLANK CANVASES FOR NEW INTERVENTIONS—URBAN SPACES EMBODY THE HISTORICAL AND CULTURAL SEDIMENT OF THEIR SPECIFIC PLACES'

-ANDRÉ CORBOZ **THE LAND AS PALIMPSEST**, 1983-

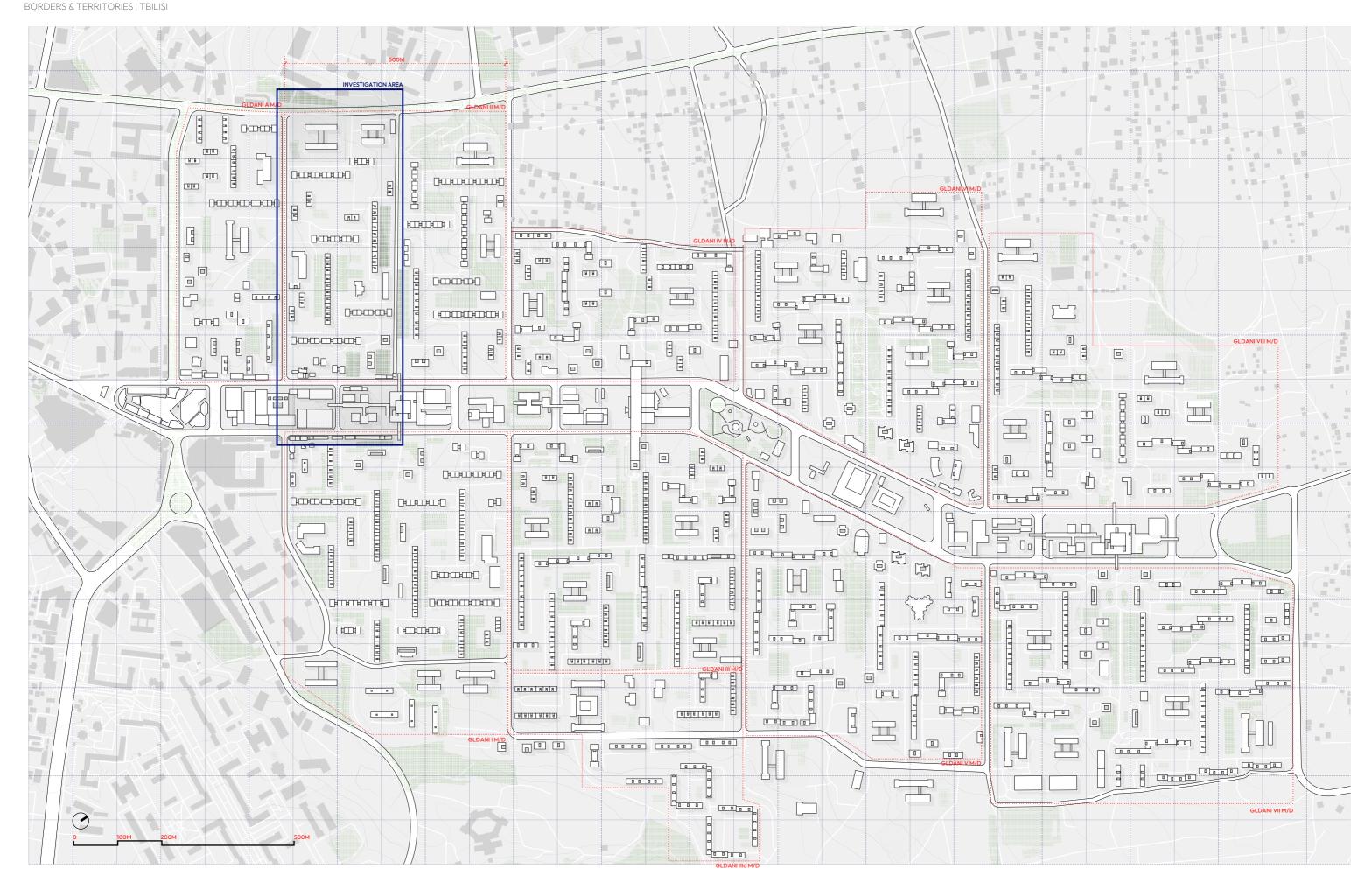
HOW CAN PLANNERS AND DECISION-MAKERS IMPLEMENT REGENERATION
STRATEGIES THAT ARE BOTH SUSTAINABLE AND SENSITIVE TO THE CULTURAL AND
EMOTIONAL SIGNIFICANCE OF THESE URBAN ENVIRONMENTS

EXPLORATION GLDANI MICRO-DISTRICT

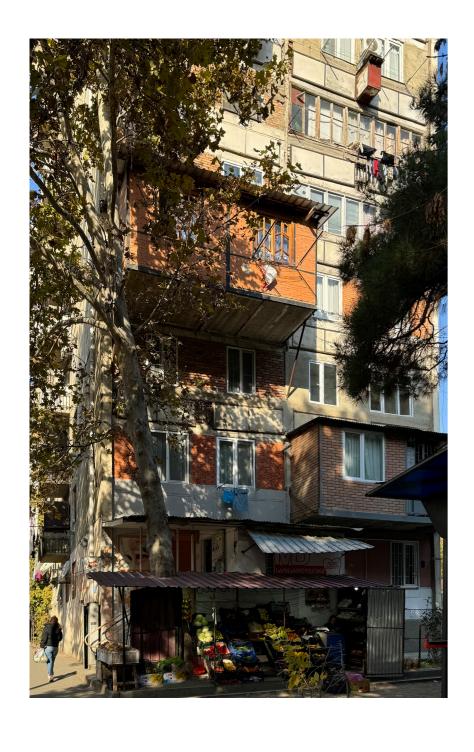
CASE INVESTIGATION





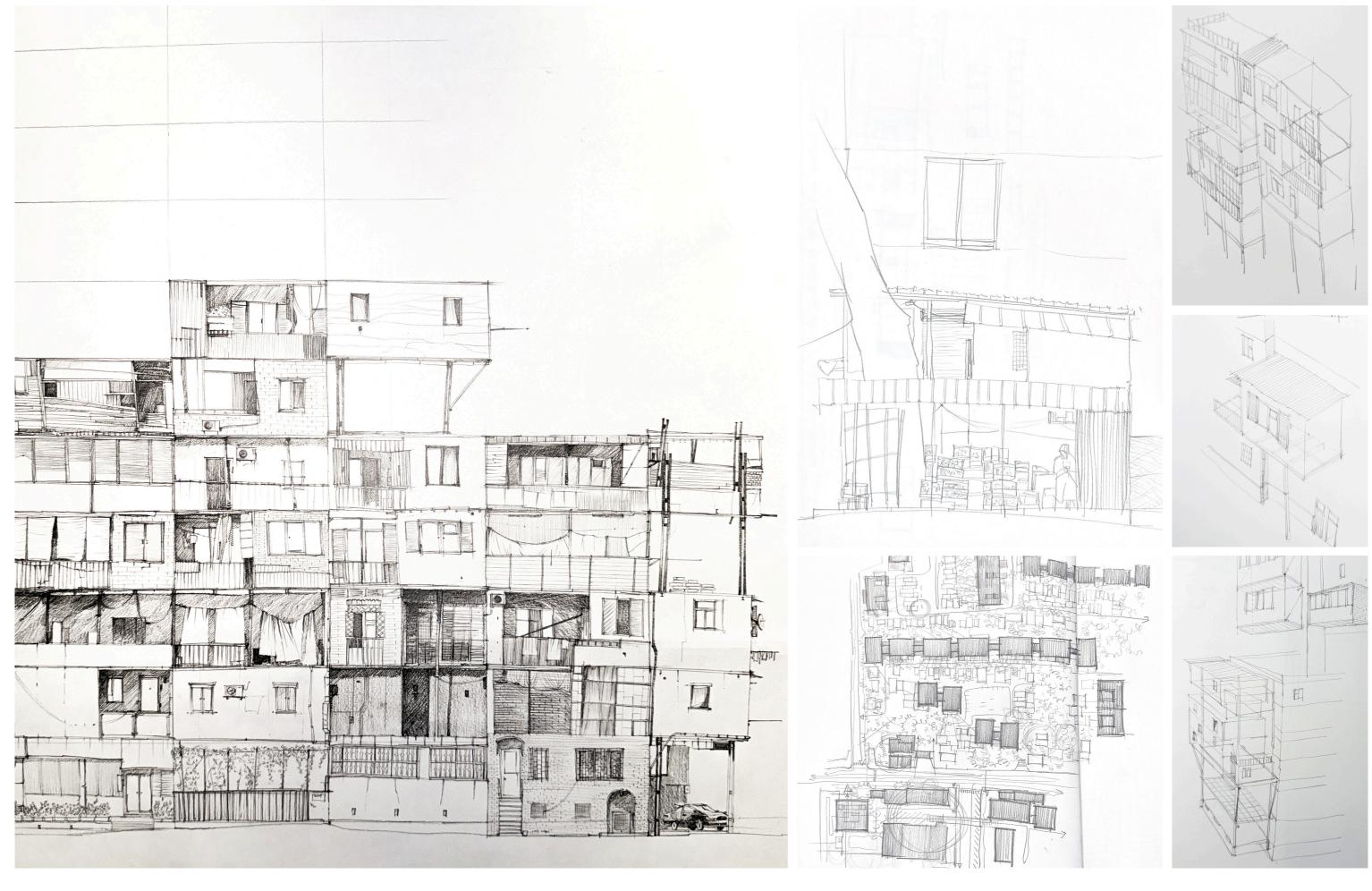












DIY GARAGE



Over time, residents have informally modified this rigid system, most notably by constructing individual garages at ground level, often attached to housing blocks or adjacent spaces.

SPORT FIELD



Some leftover spaces were redeveloped into sports fields.

APARTMENT BUILDING EXTENSION



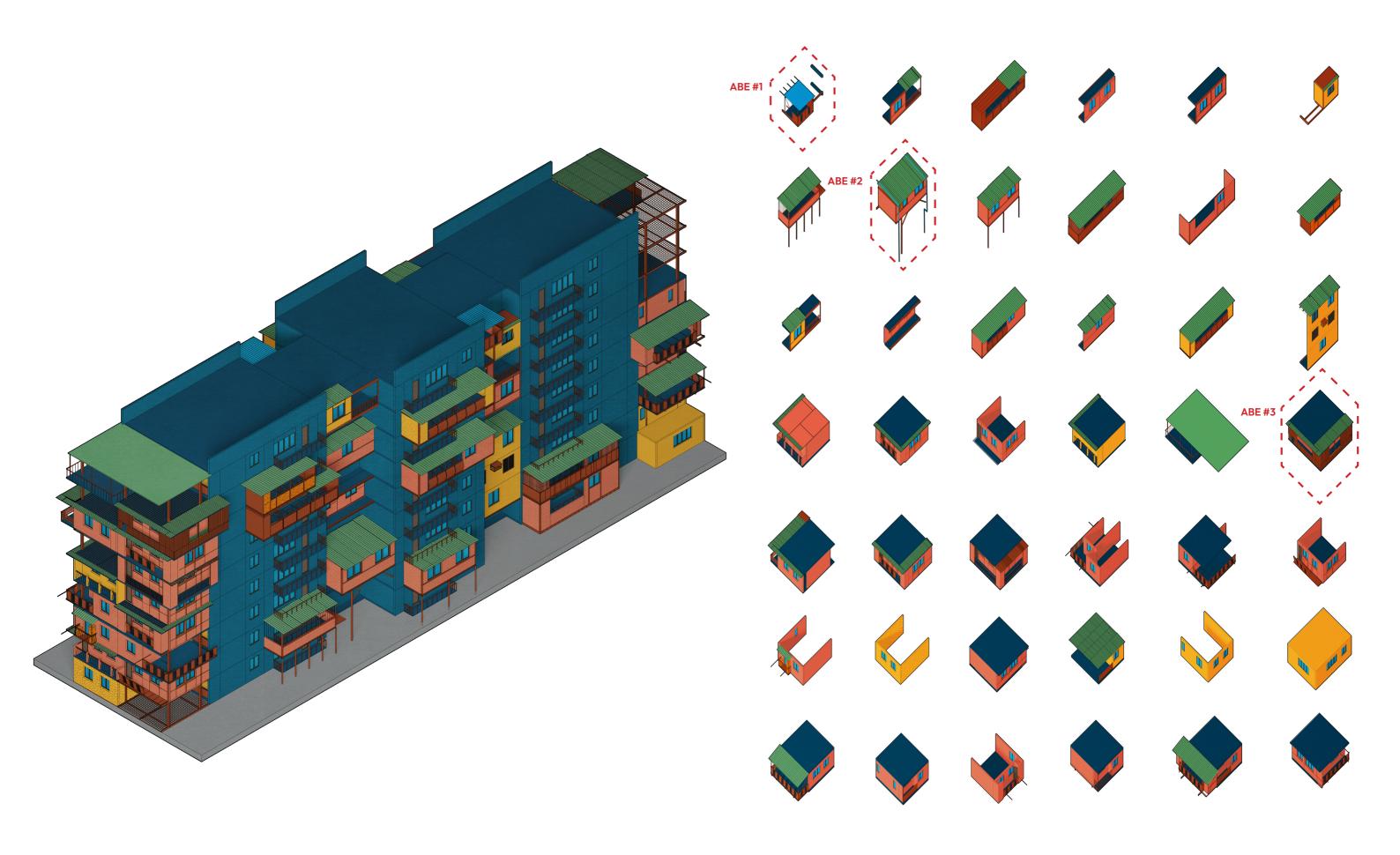
Ad-hoc architecture to accommodate the need for residential.

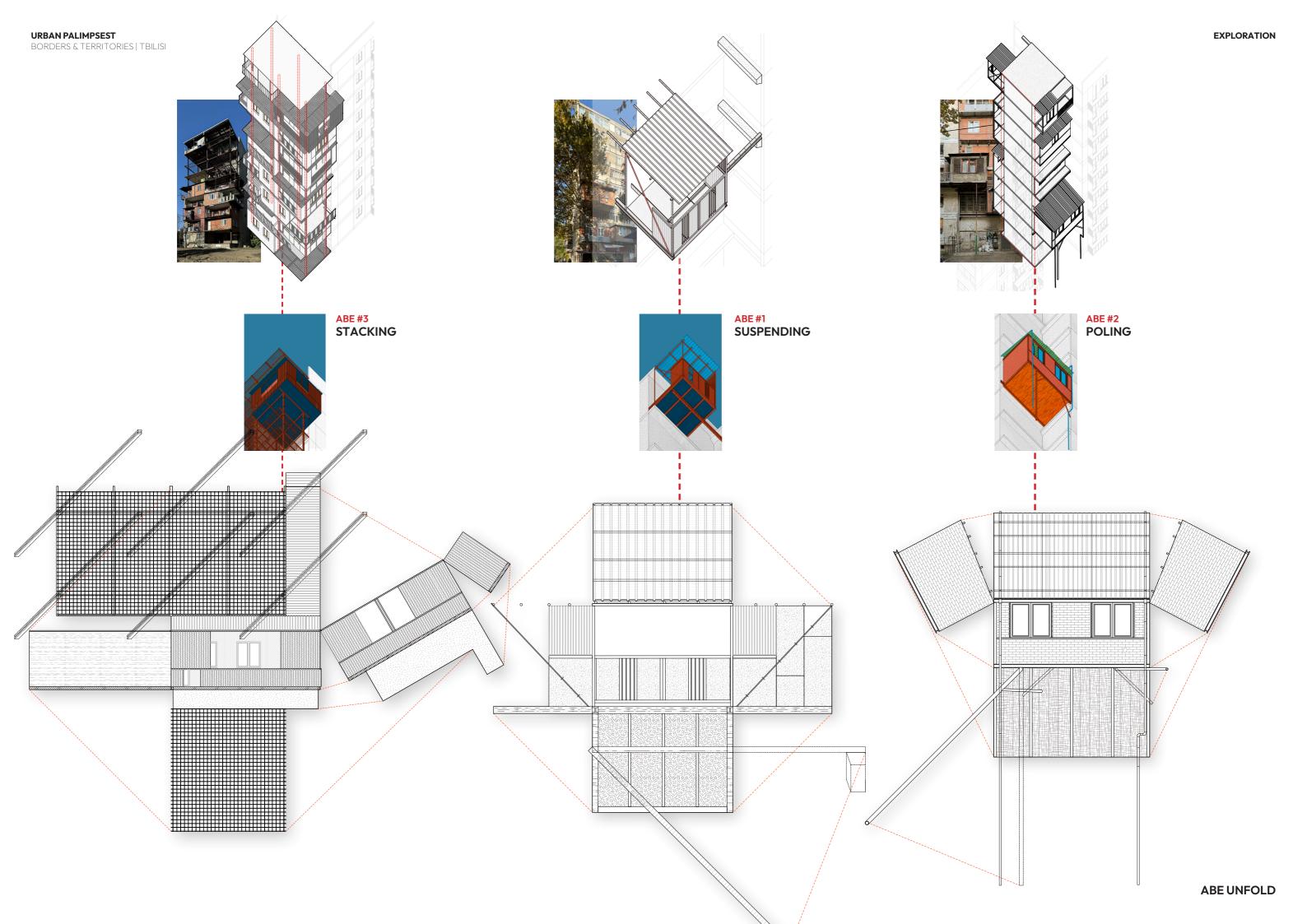
CENTRAL AXIS

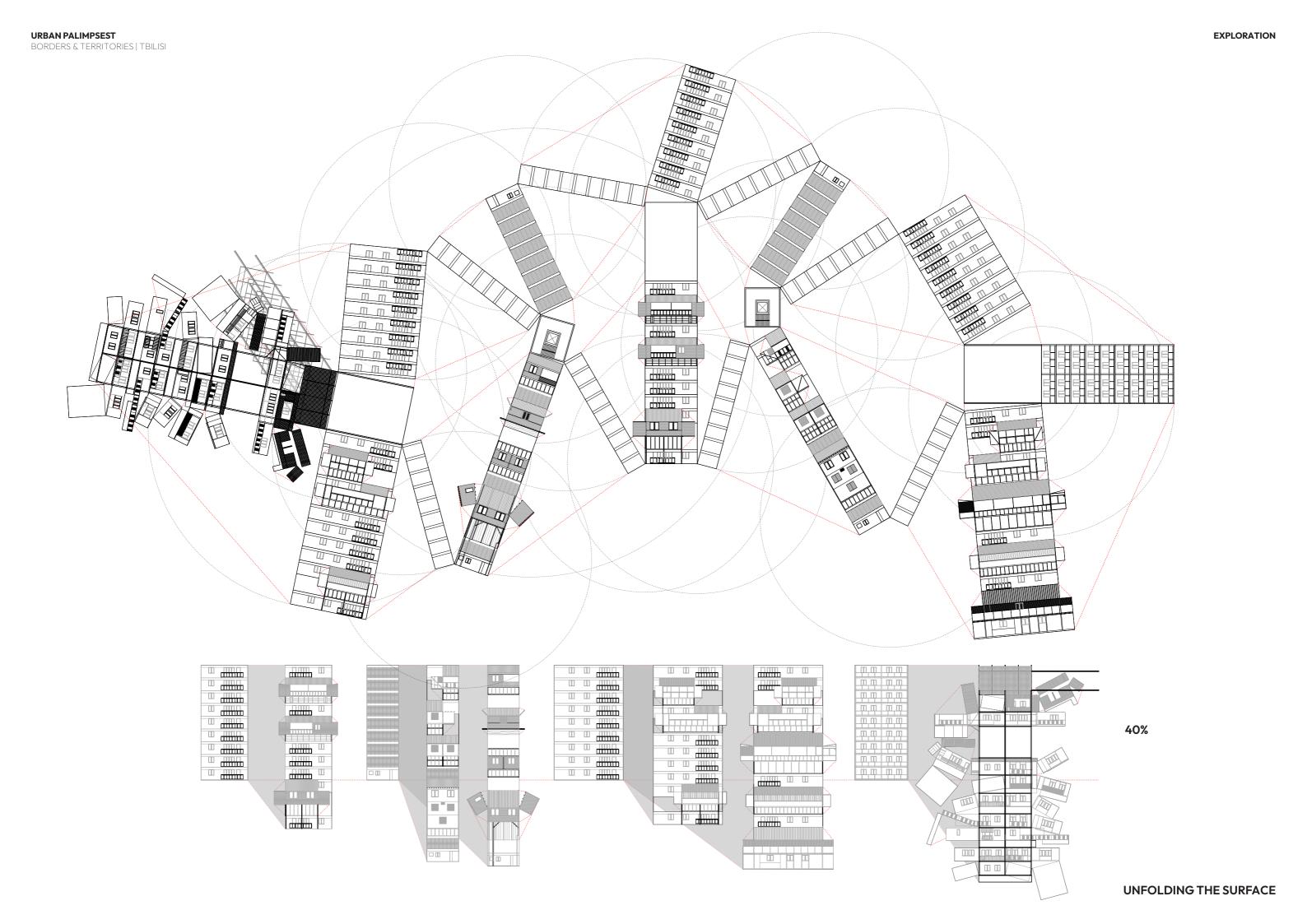


Ideally a pedestrain pathway to connect all the micro-districts.











THE DIFFERENCES OF THE PRODUCTION OF SPACE

The convergence between the topdown institutional approach and the bottom-up self-construction approach in the production of space

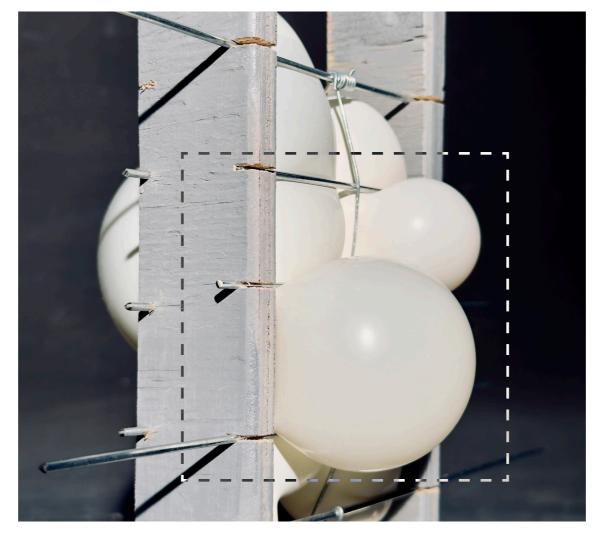






ADD-ON & IT'S SITE

The emergence of add-ons, like a population of parasites, often occurs in strategically suitable locations.



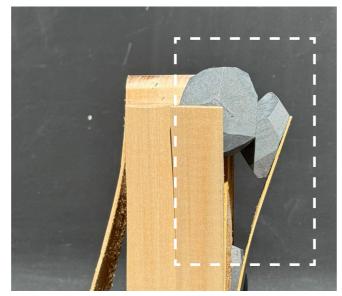
EXPENSION

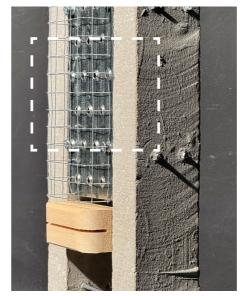
The permanence of the structure and the organic growth of its extensions.

The soft, yielding surfaces of the balloons contrast sharply with the hard, industrial lines of the holding structure.

TENSION

A tension emerges between the extension and the existing structure, unveiling a dynamic equilibrium.



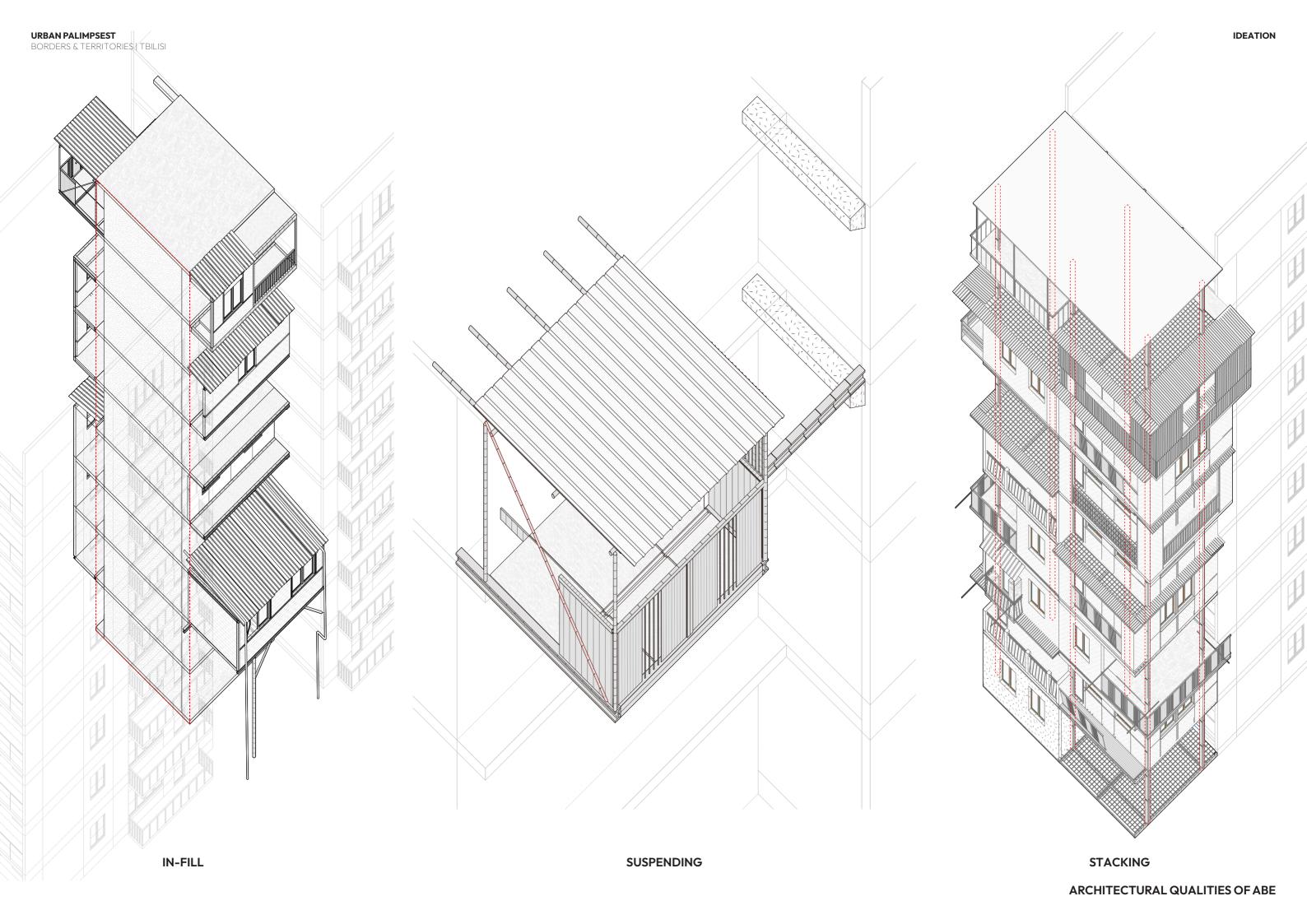


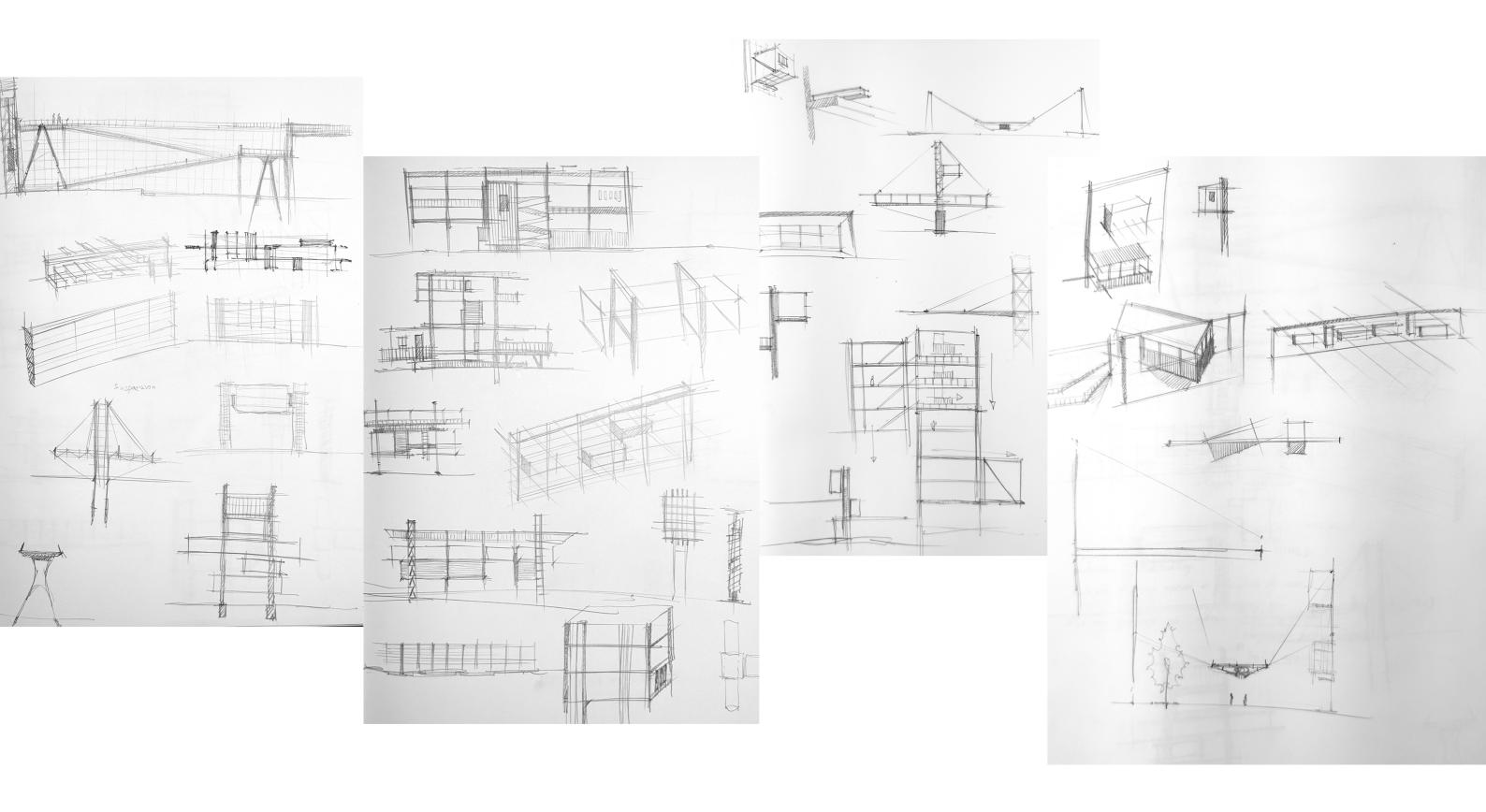
COMPARISION

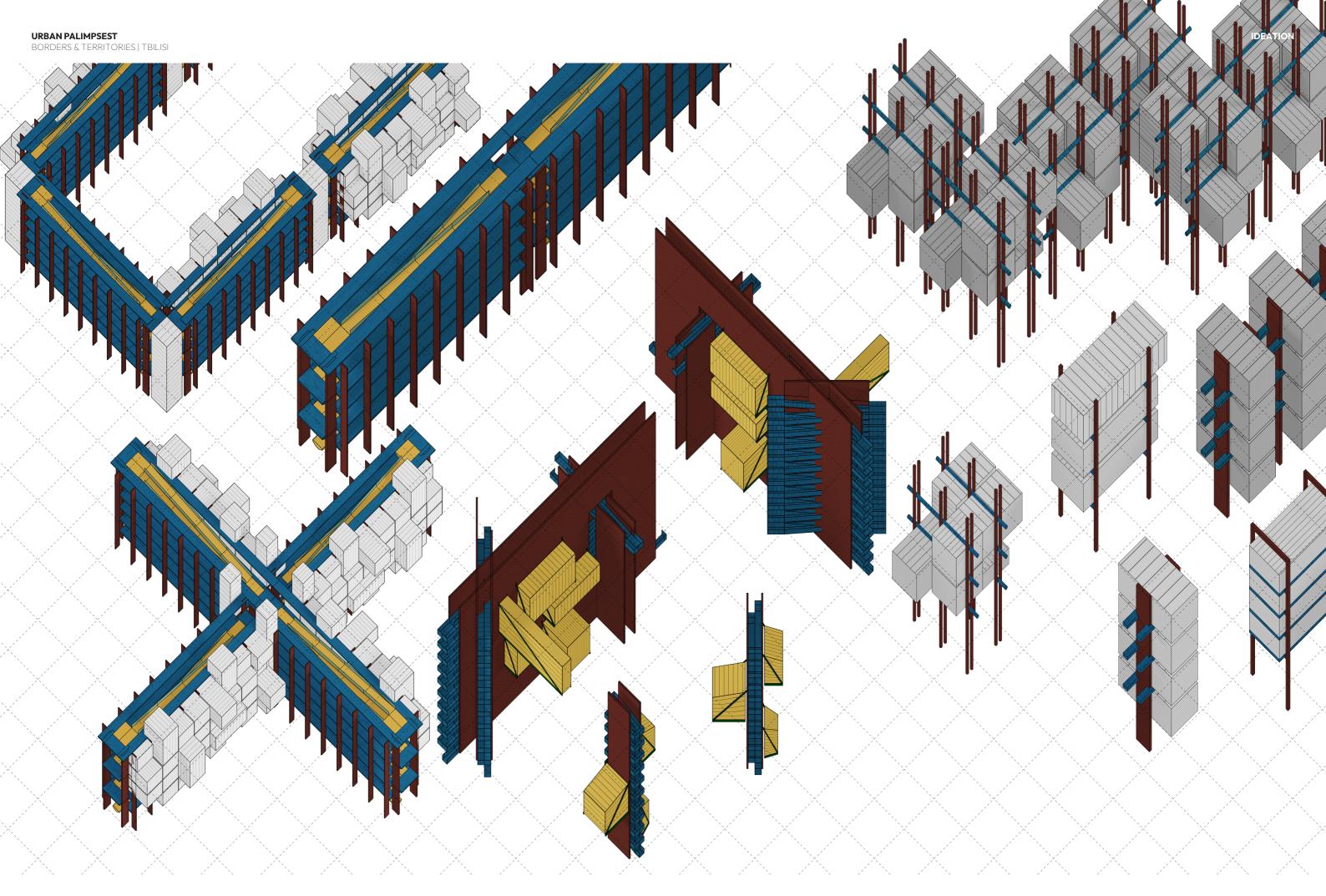
The structural element and the addon exhibit a clear material contrast.

IDEATION REVITALIZATION OF ABE

DECONSTRUCTING & PROTOTYPING

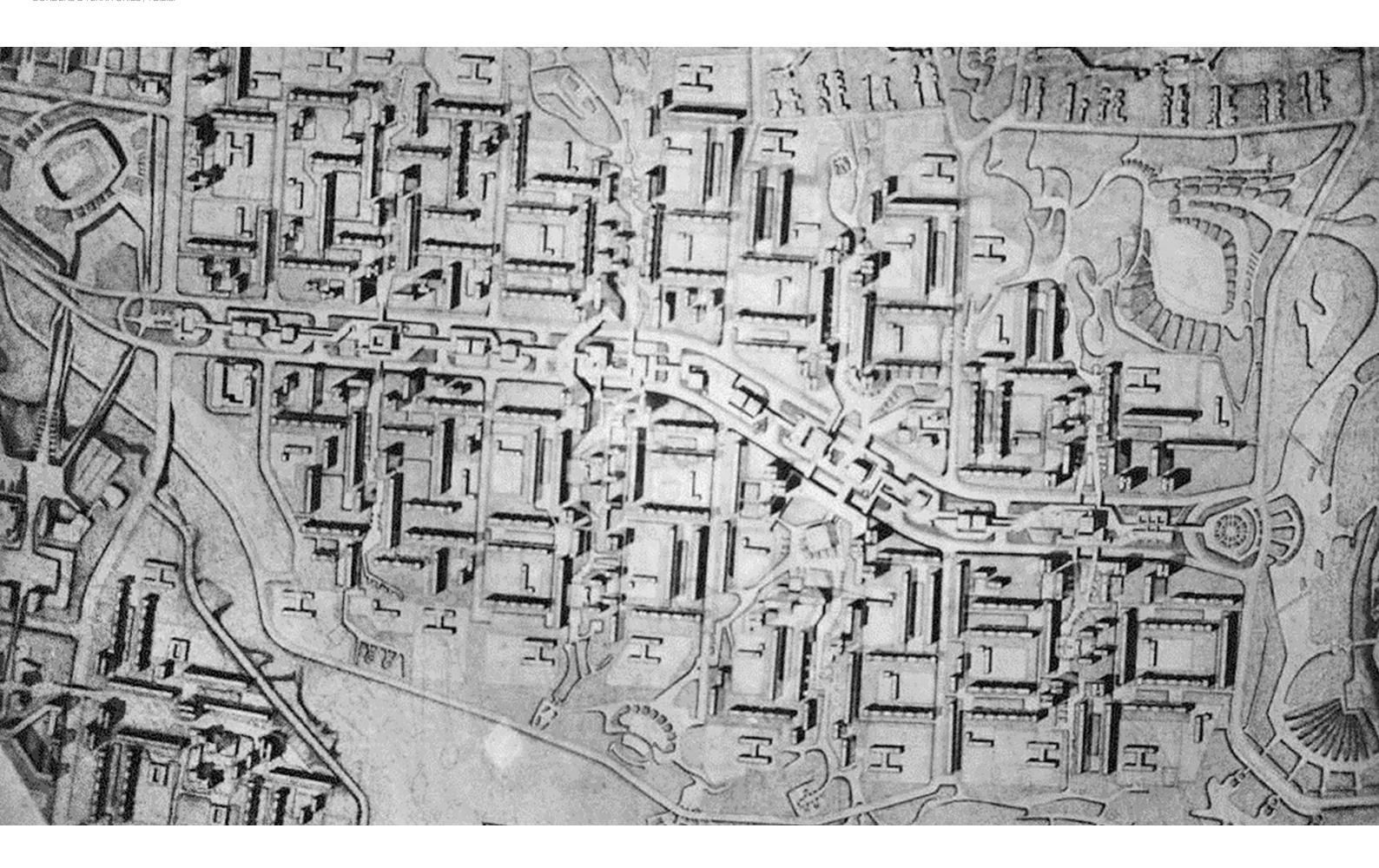


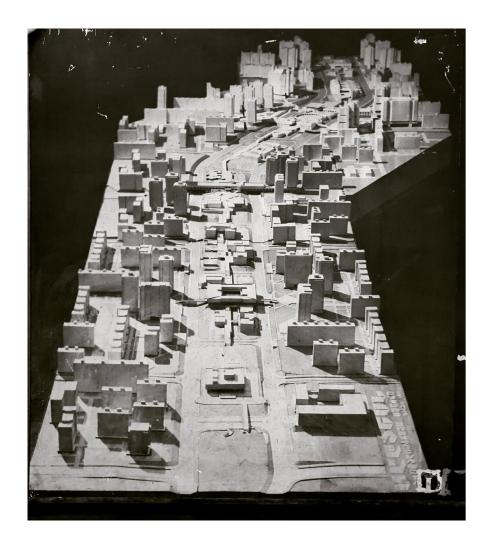




PRESENTATION GLDANI CENTRAL AXIS

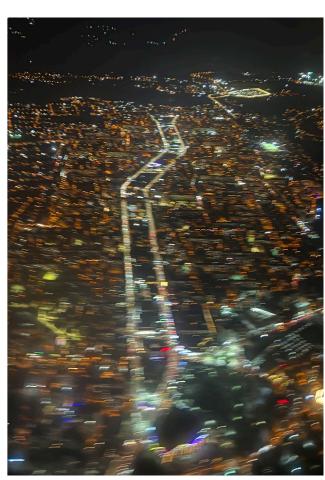
RENOVATING POST-SOVIET RESIDENTIAL DISTRICT







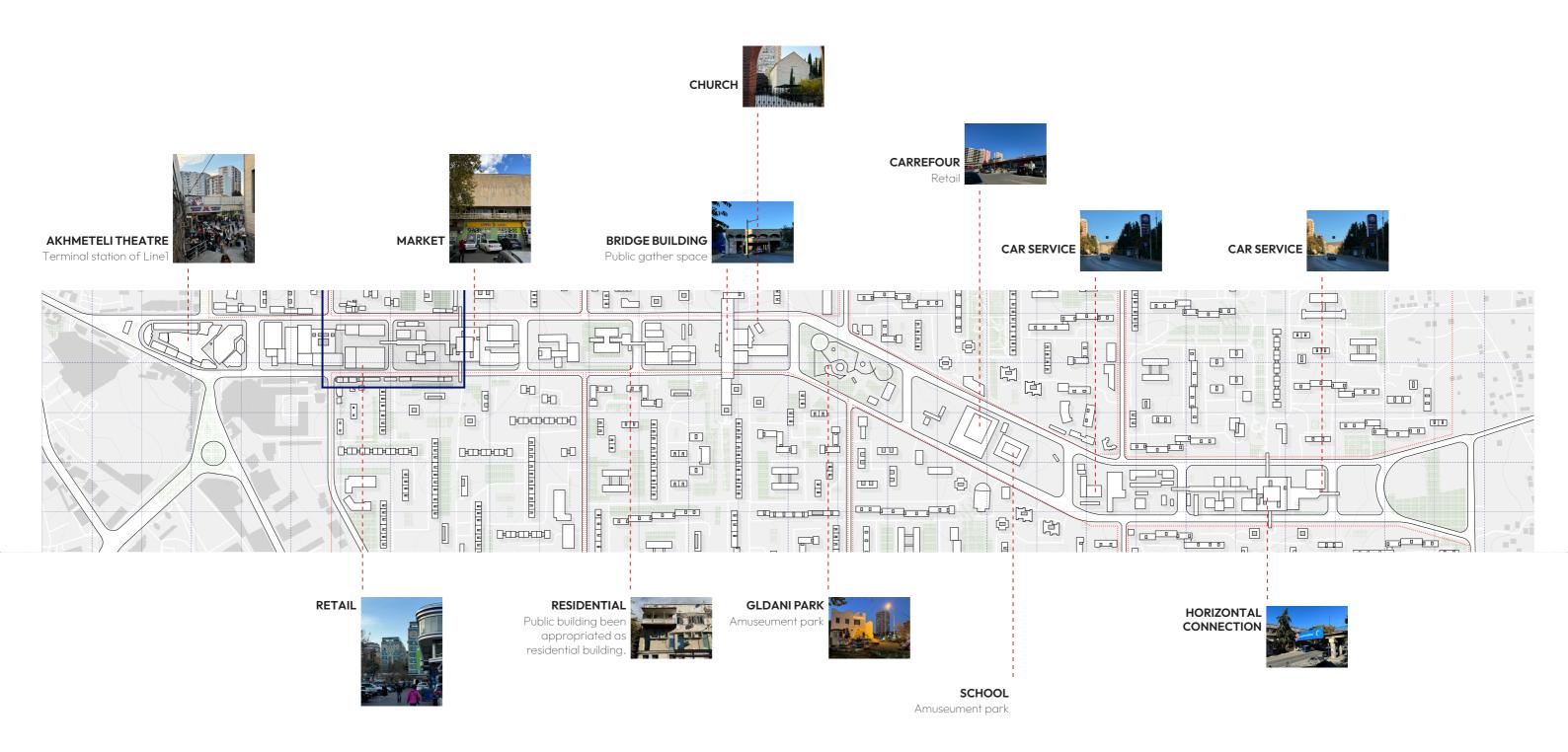




ORIGINAL DEISGN SCHEME, TEMUR BOCHORISHVILI, 1968

GLDANI 1981

GLDANI 2008 GLDANI 2024

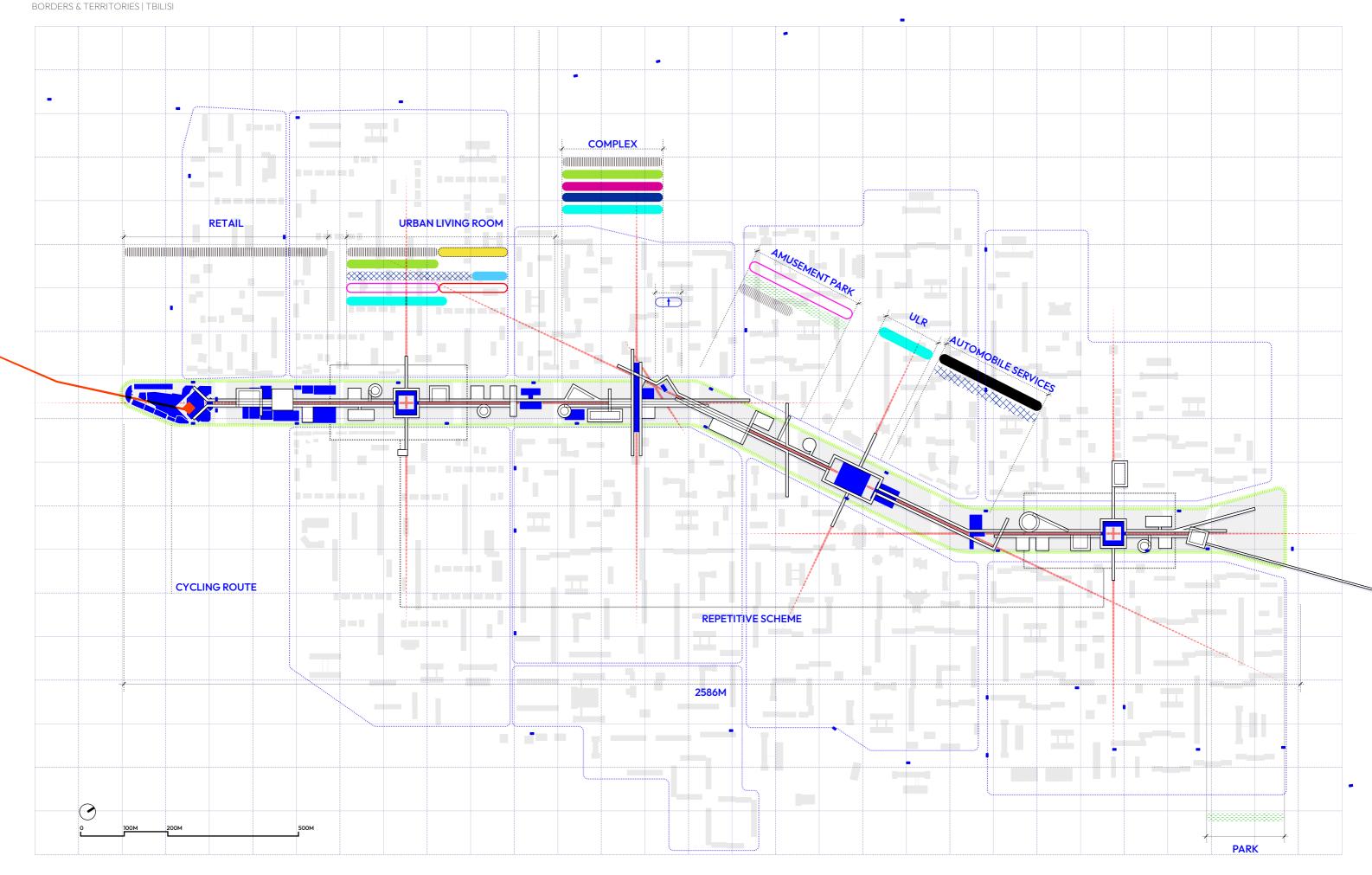


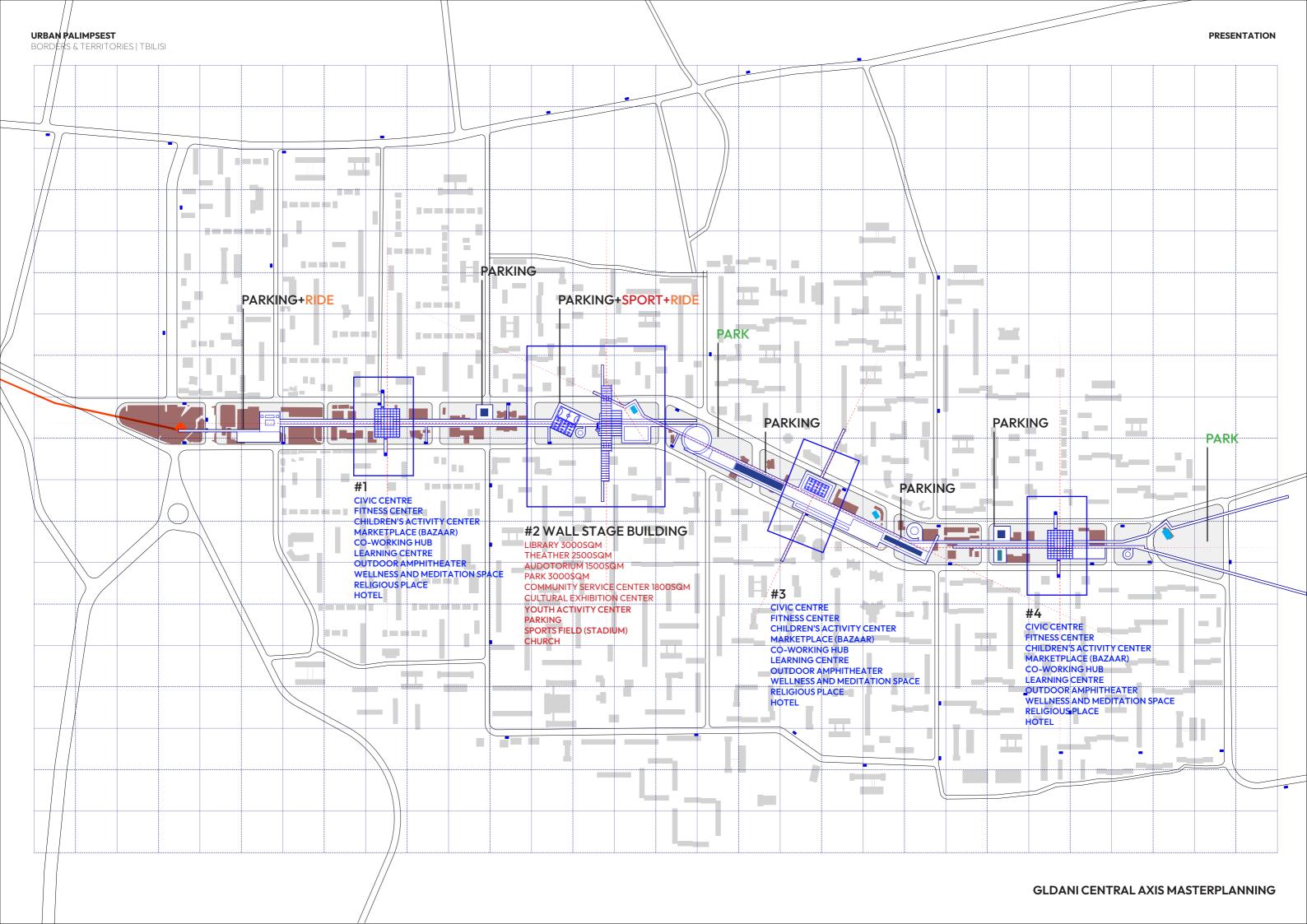
URBAN PALIMPSEST

BORDERS & TERRITORIES | TBILISI



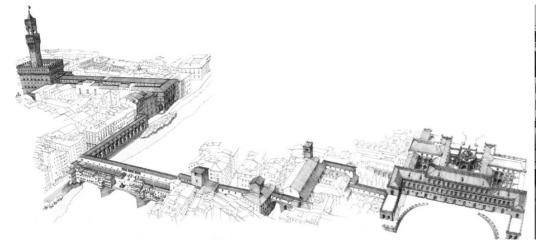












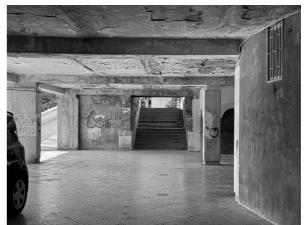




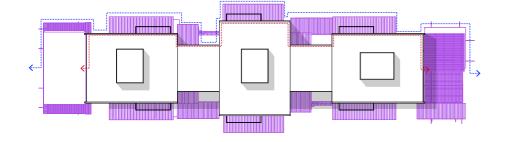


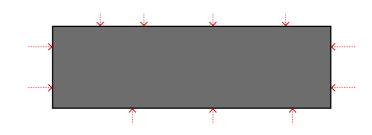








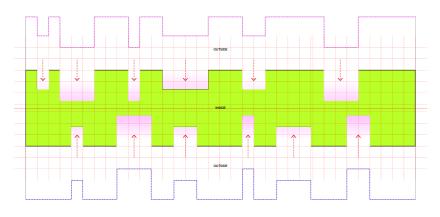




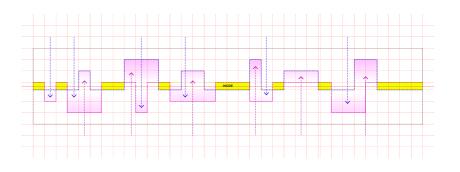
A APPROPRIATION OF SPACE

B EXISTING: PRIVITE INTO PUBLIC REALM

C PROPOSAL: PUBLIC INTO PRIVITE REALM



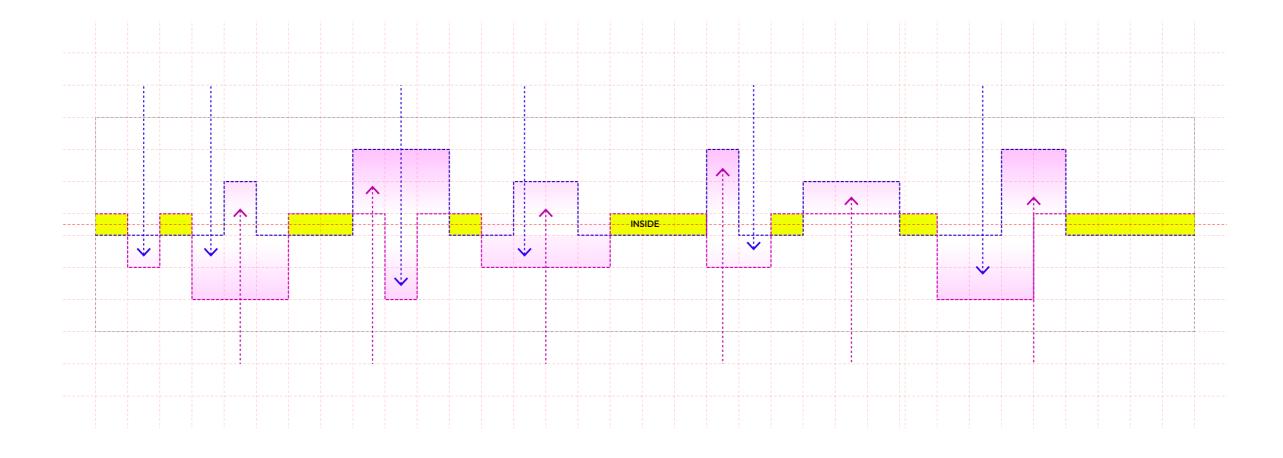
OUTBEE

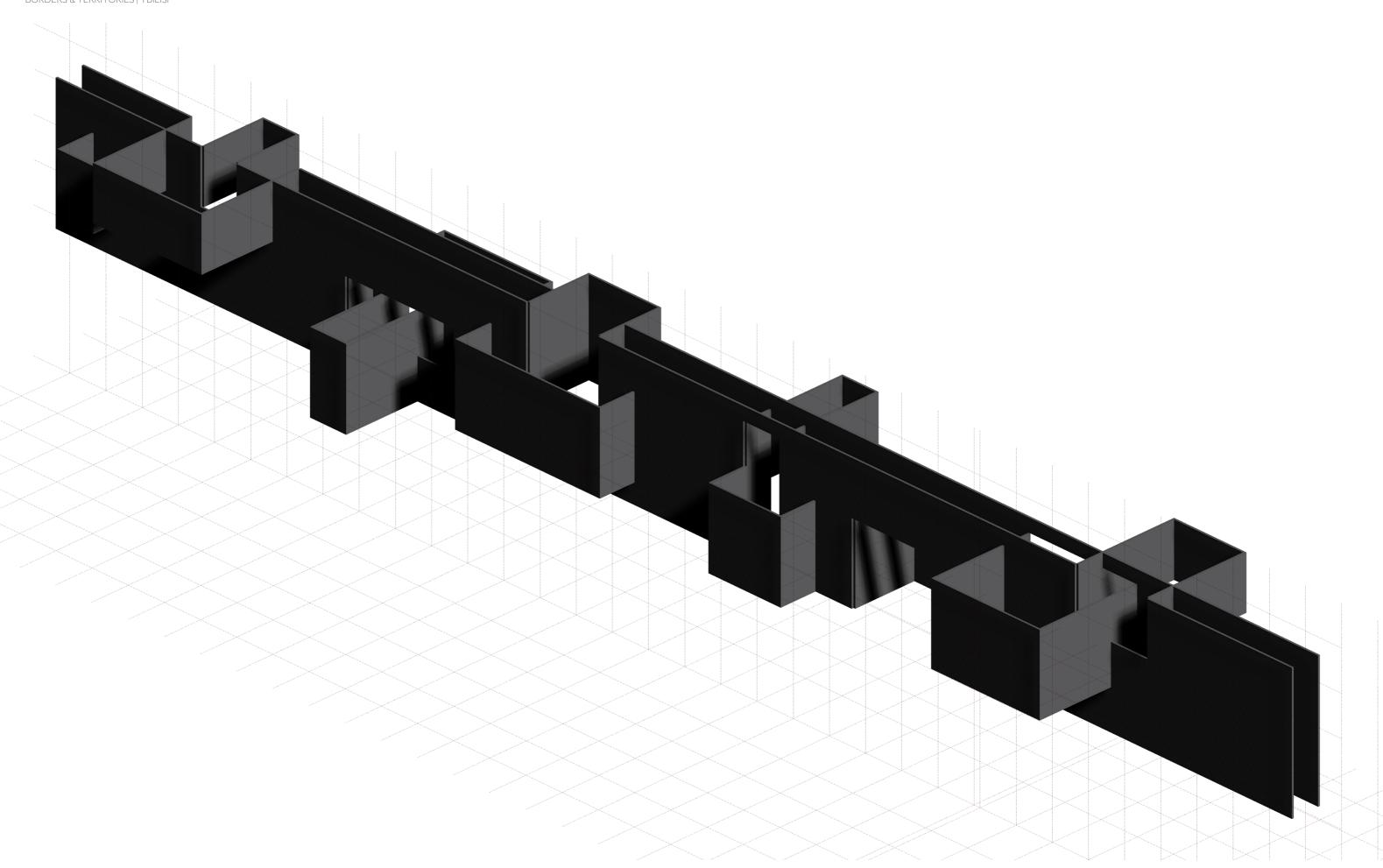


D RECESSED WALLS MOVING TOWARDS THE INTERIOR

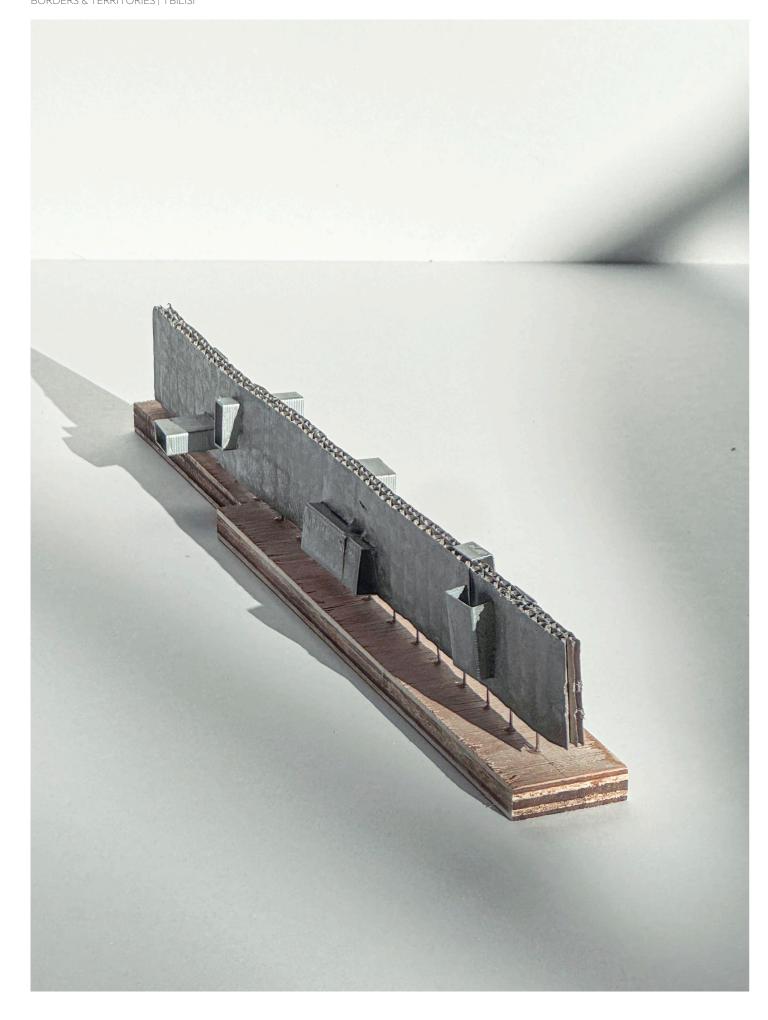
E TWO WALL WOVEN INTO SPACES

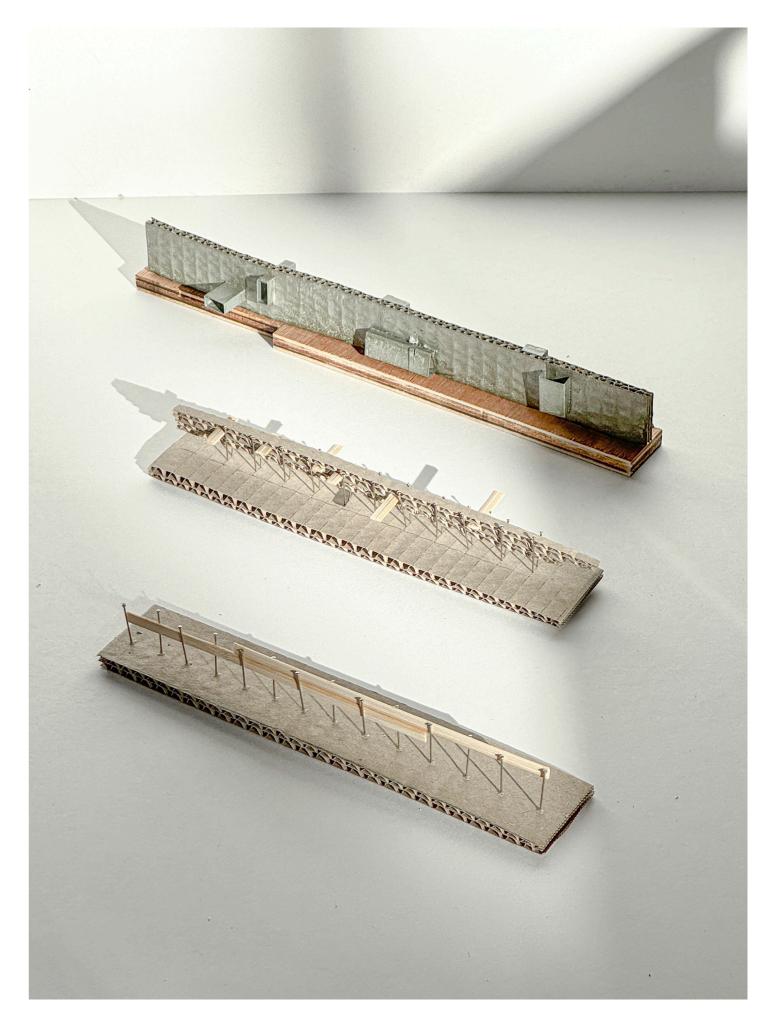
F MINIMUM CORE FUNCTION+ADD-ON PROGRAME

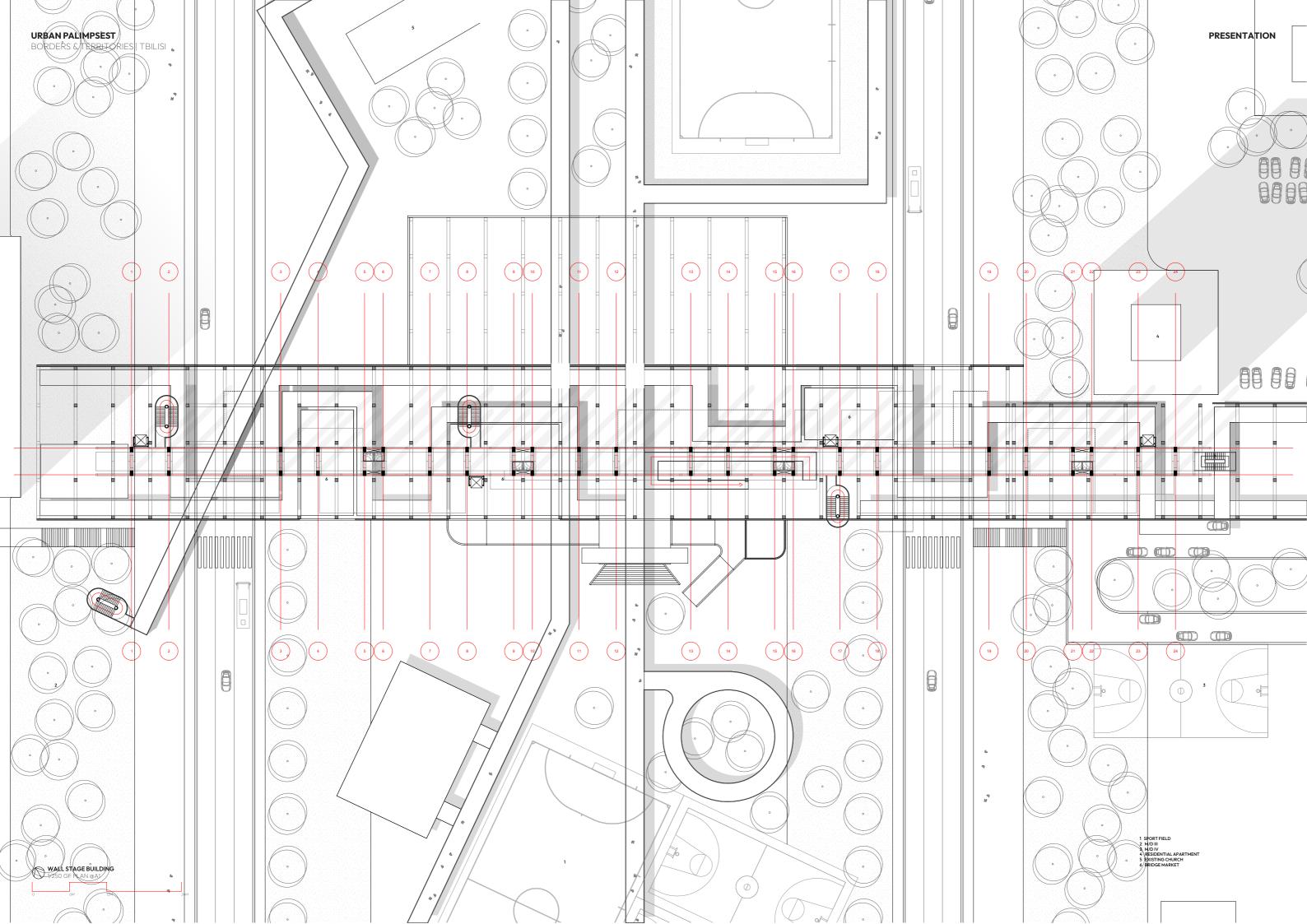


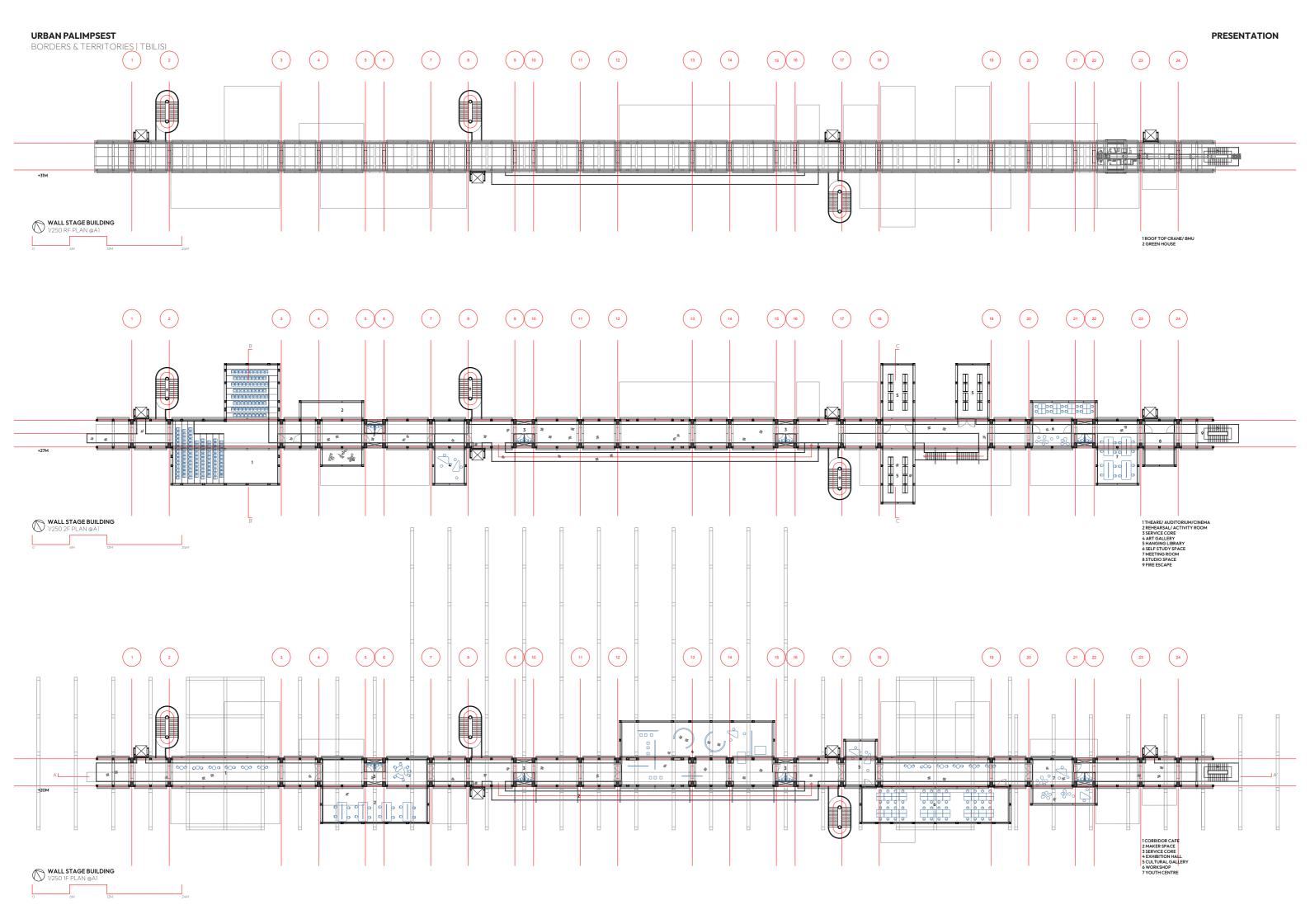


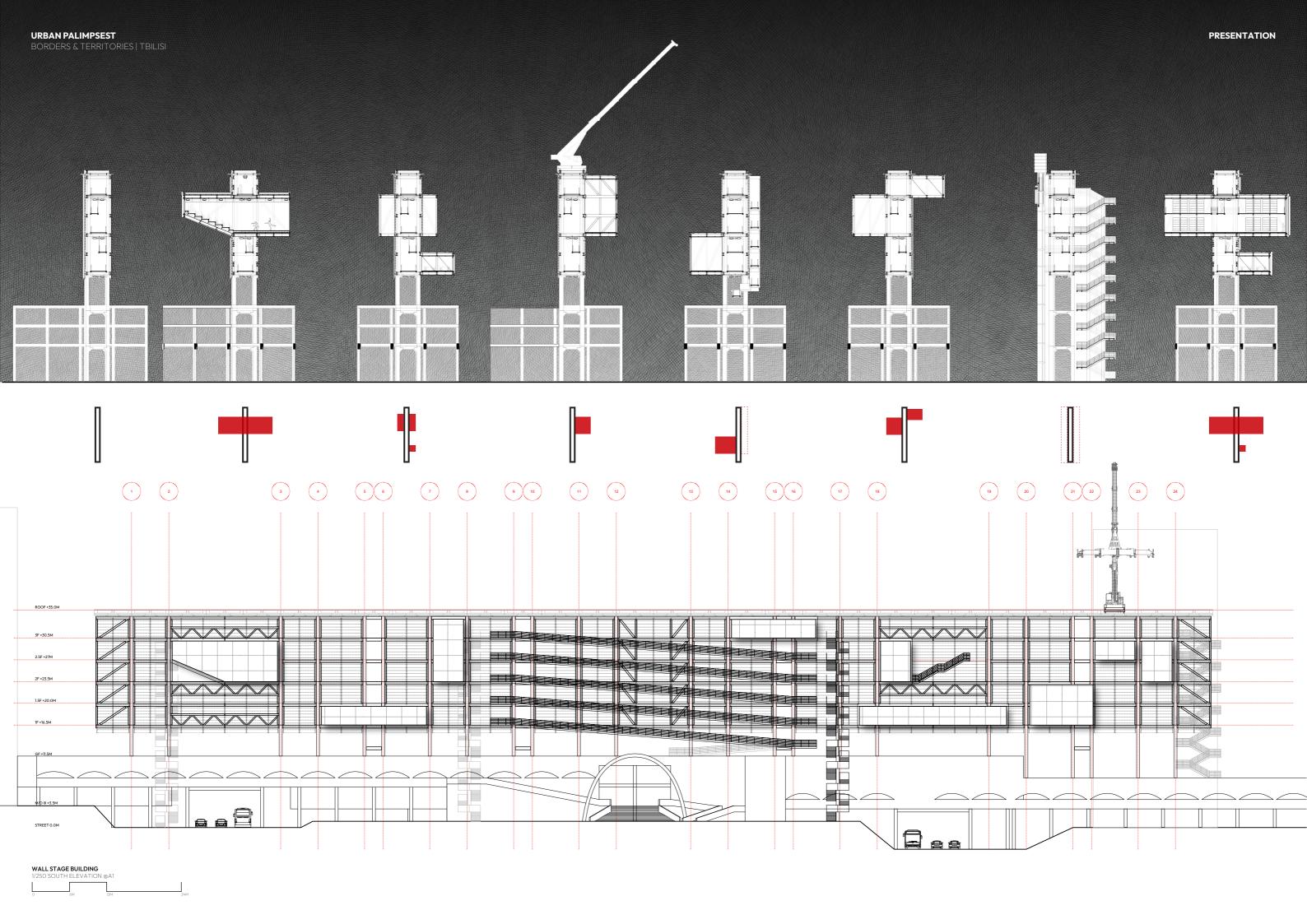
URBAN PALIMPSEST
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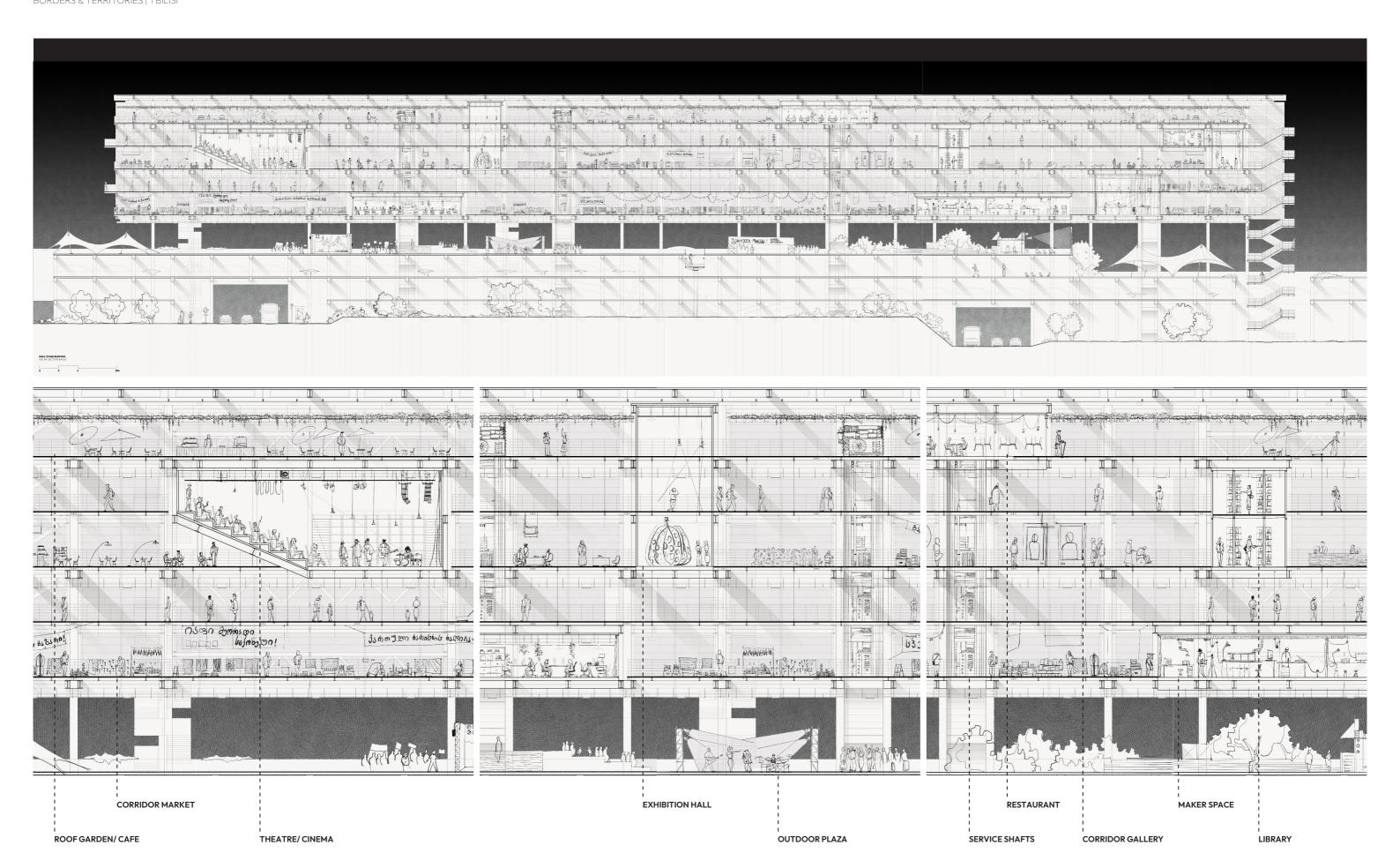


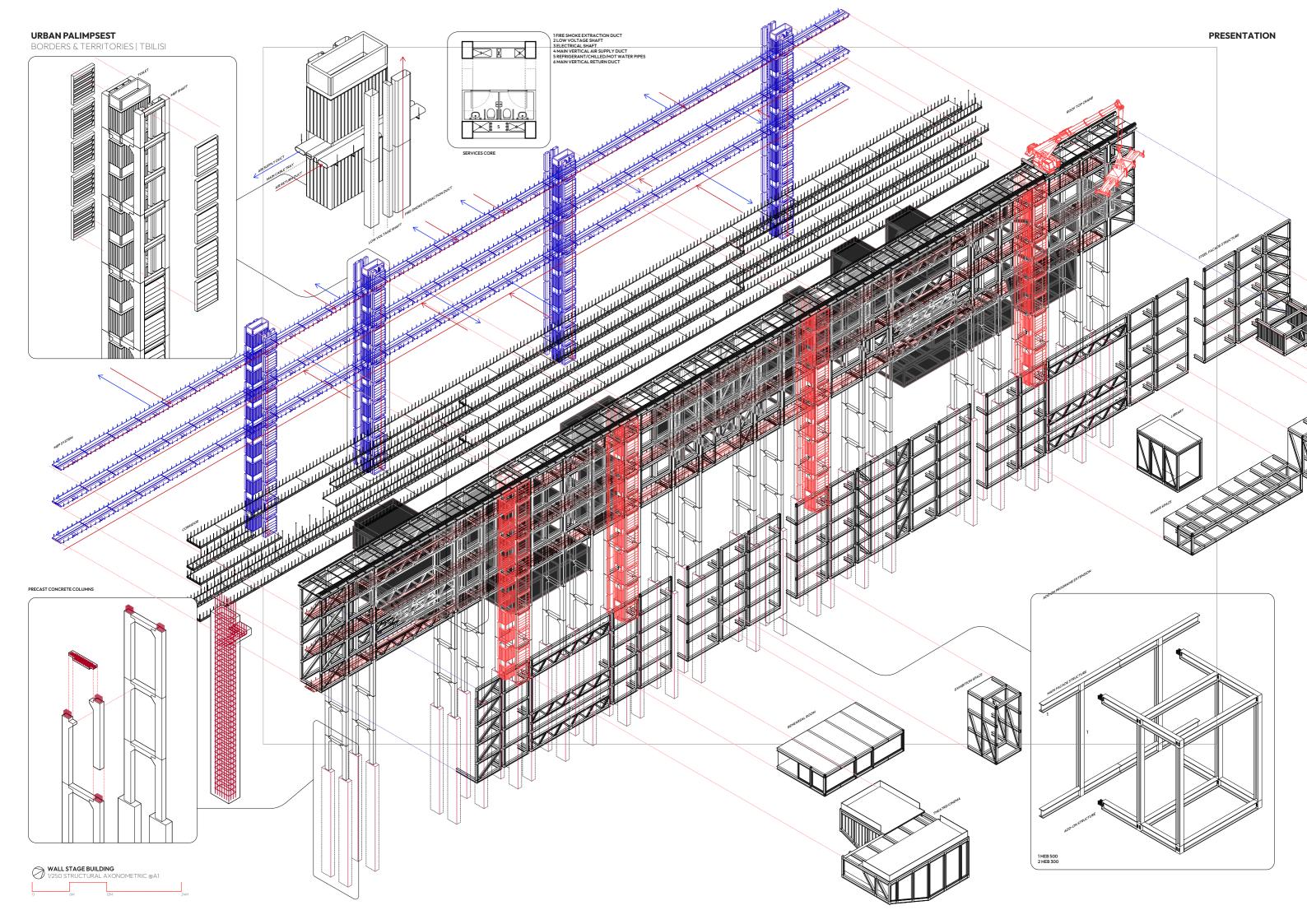


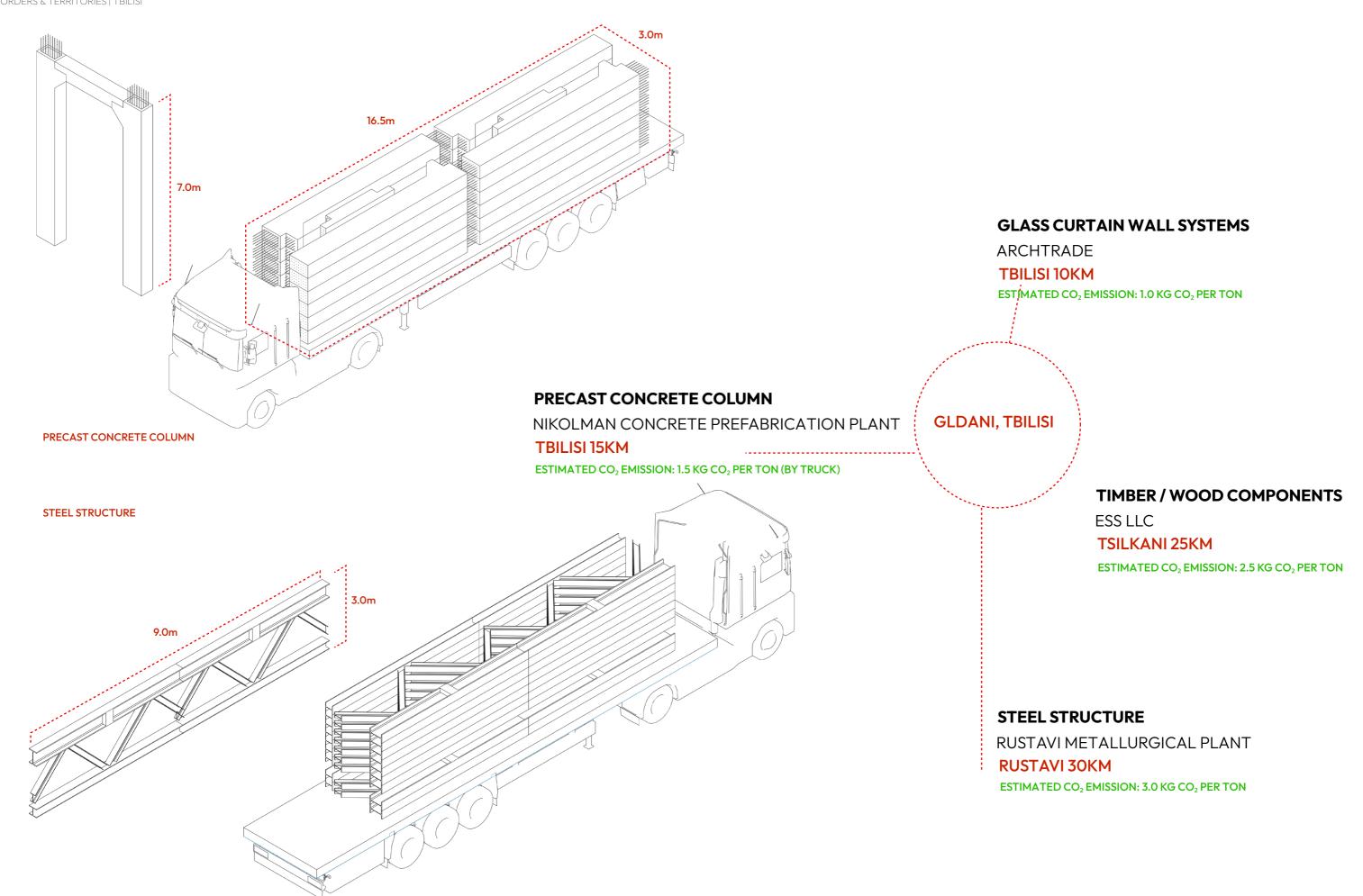




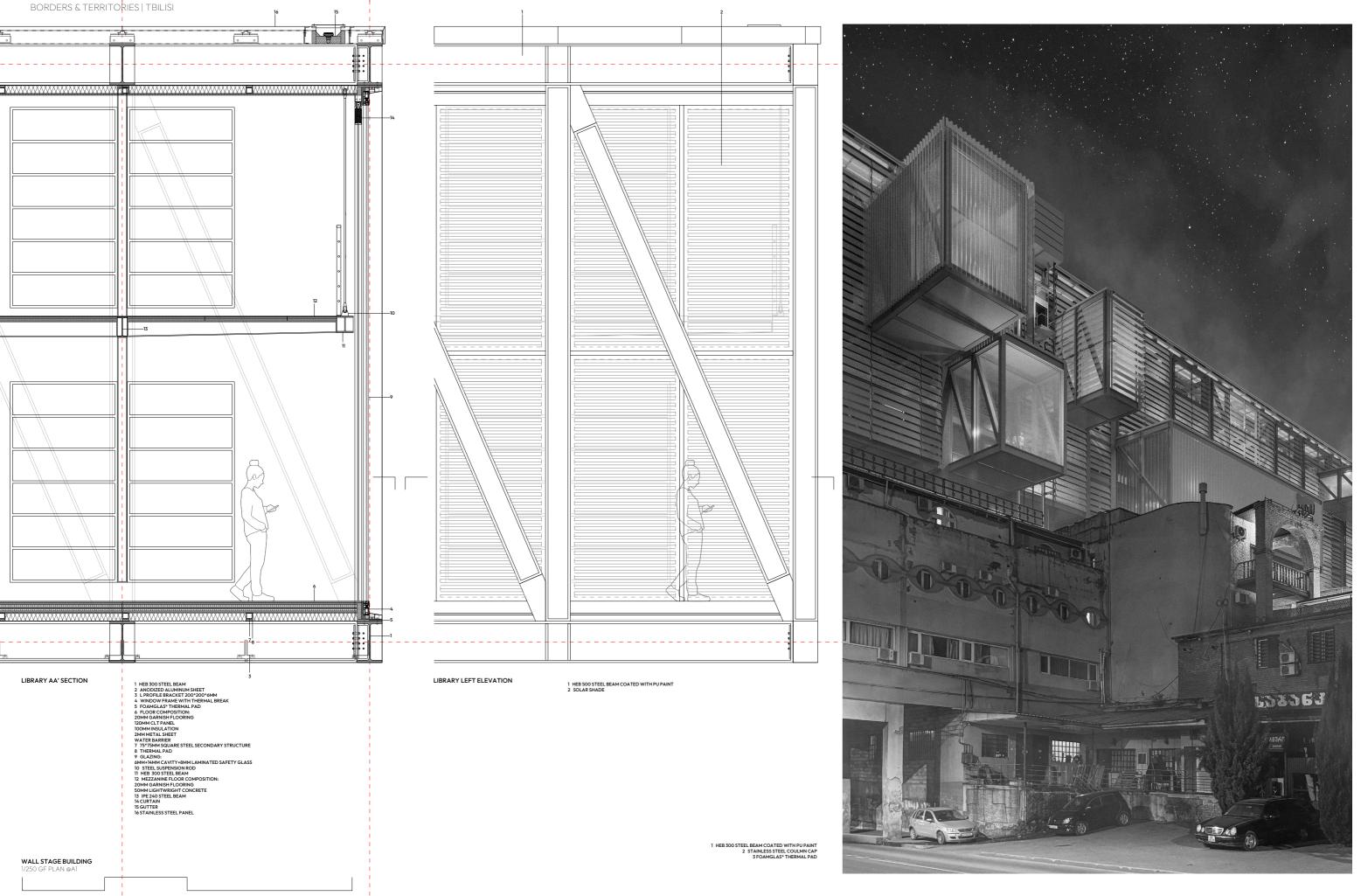






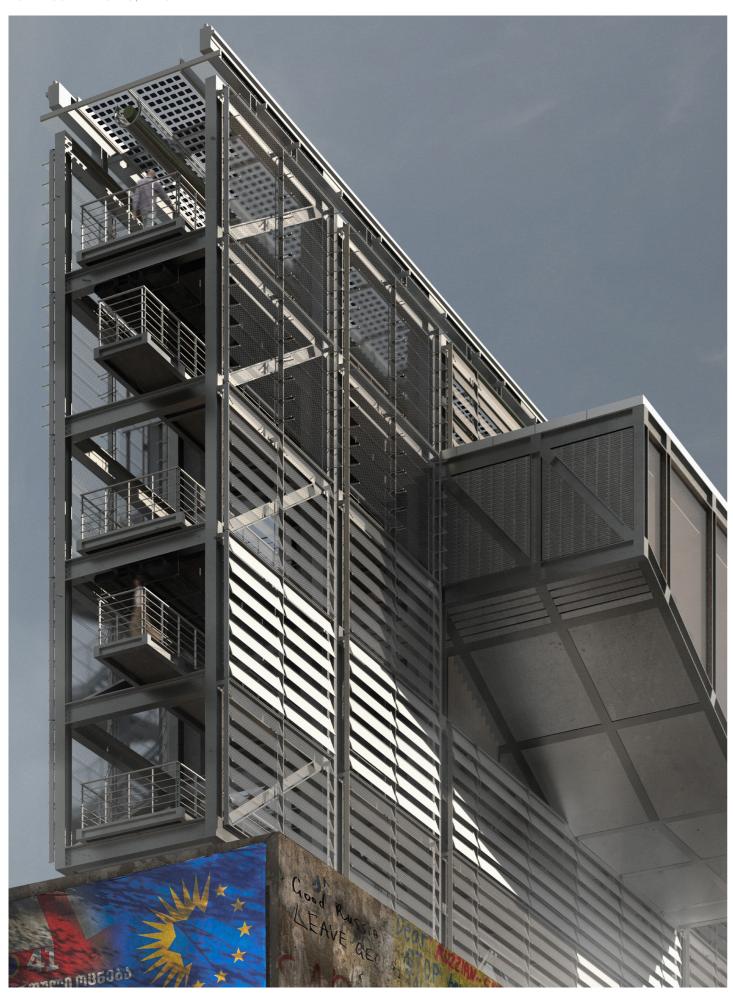


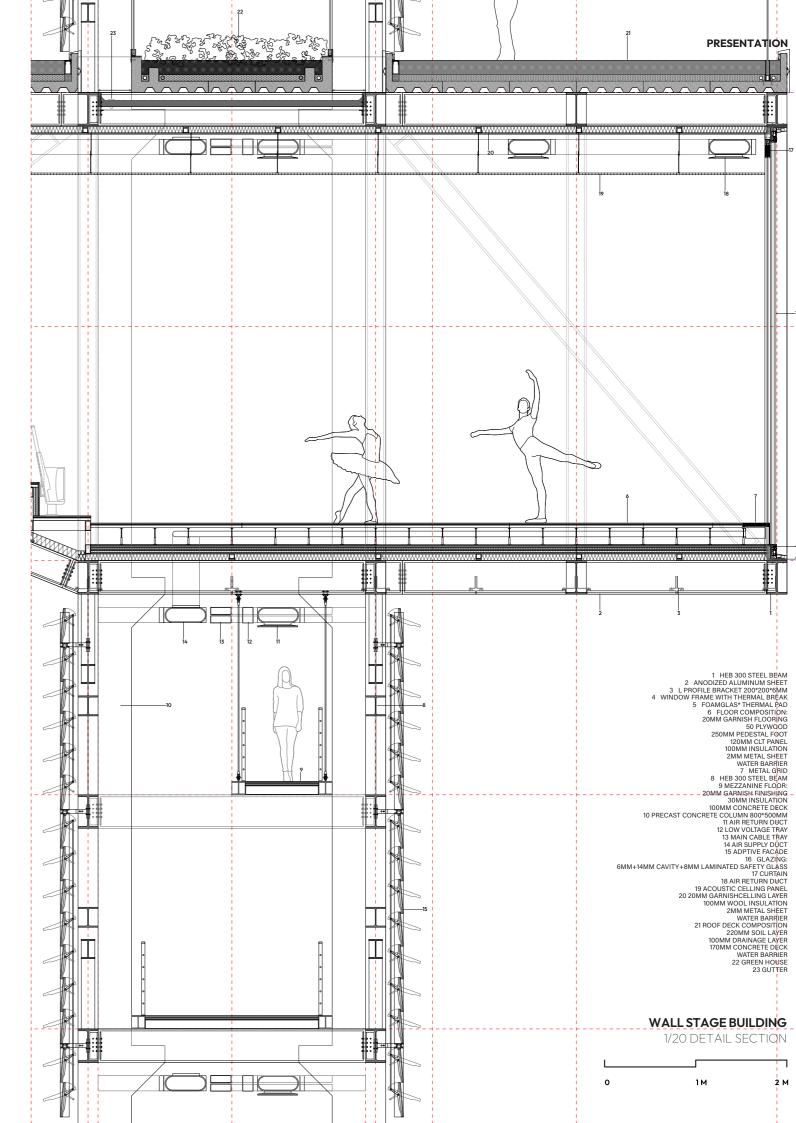


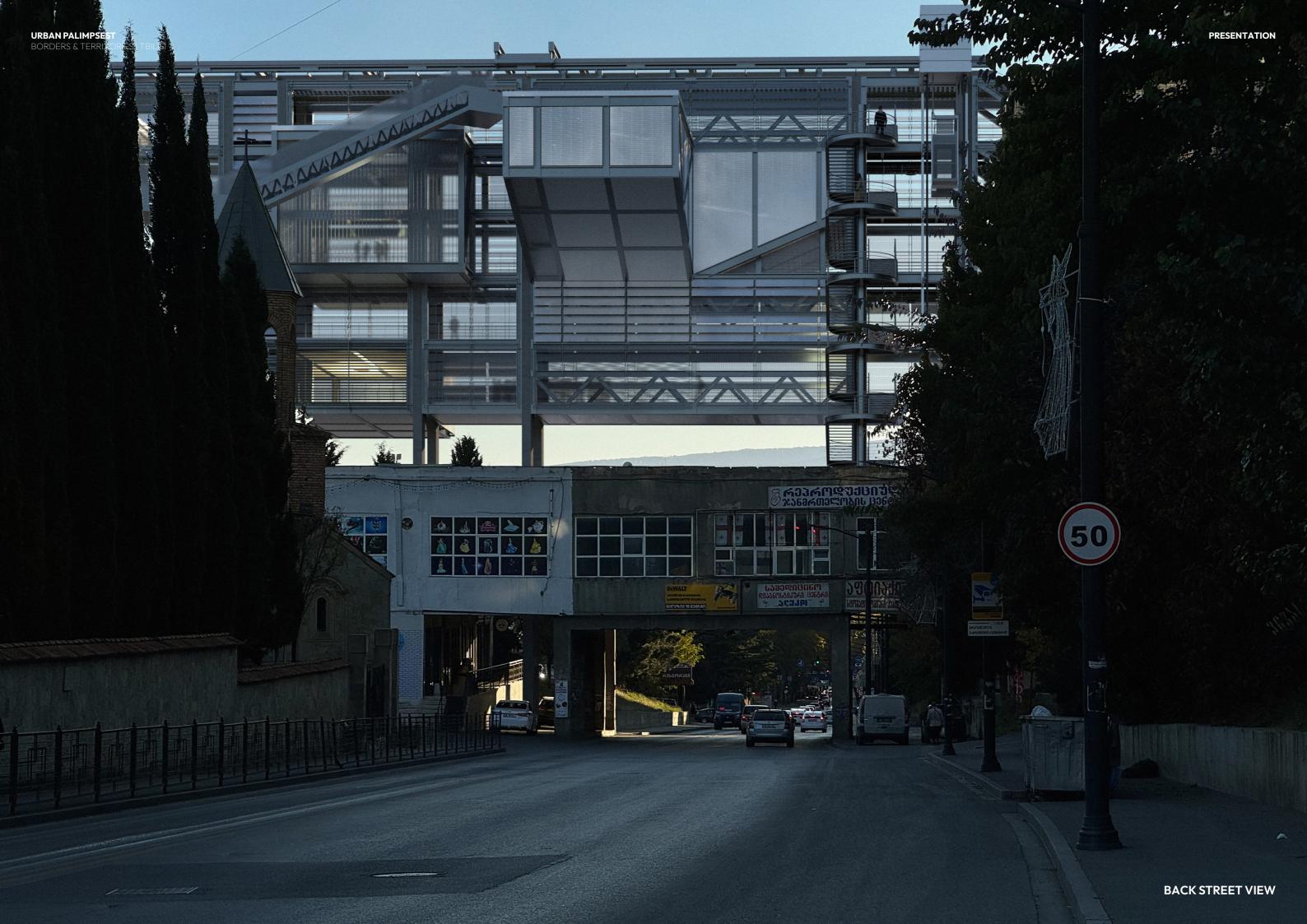


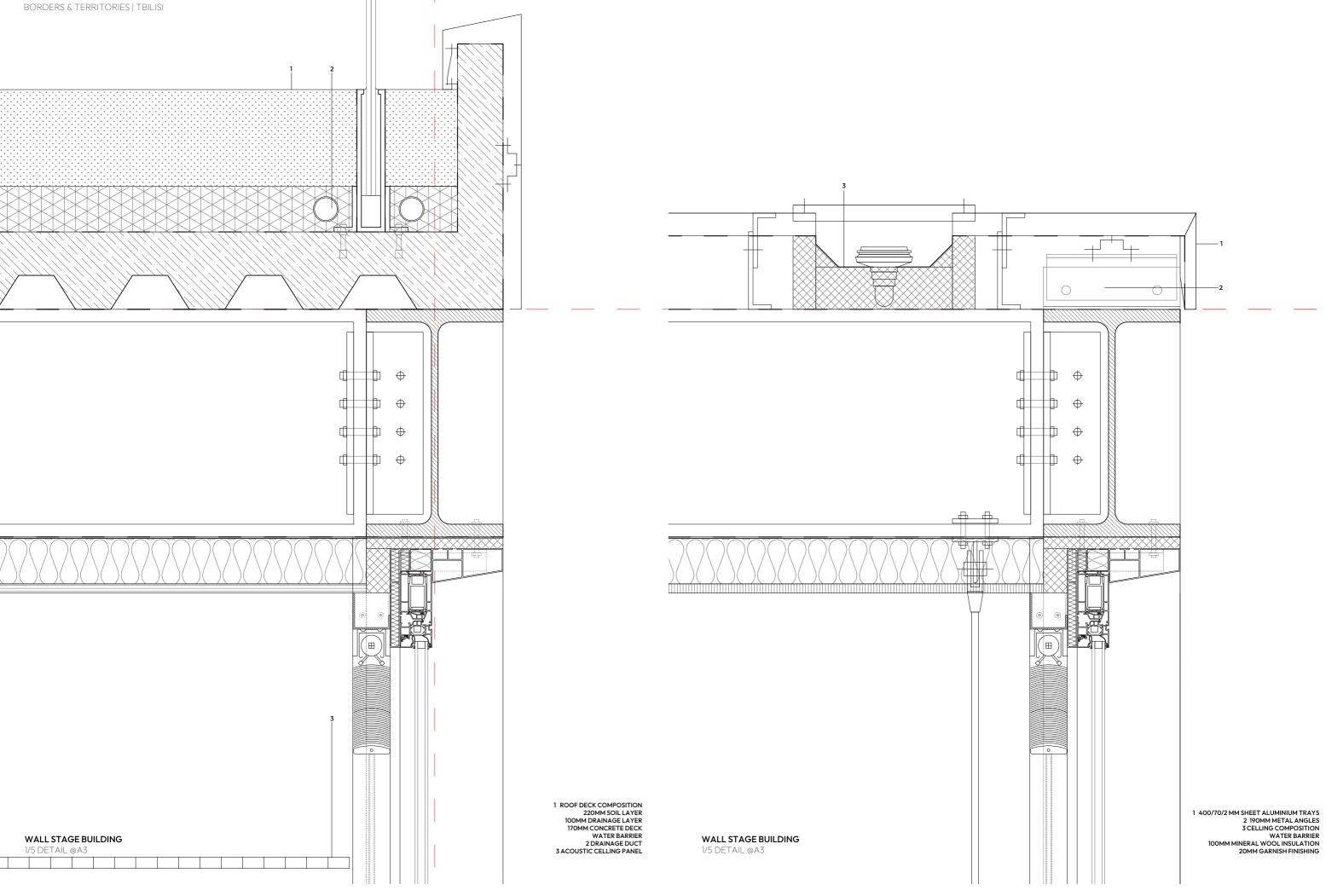
URBAN PALIMPSEST

1M 2M 4M





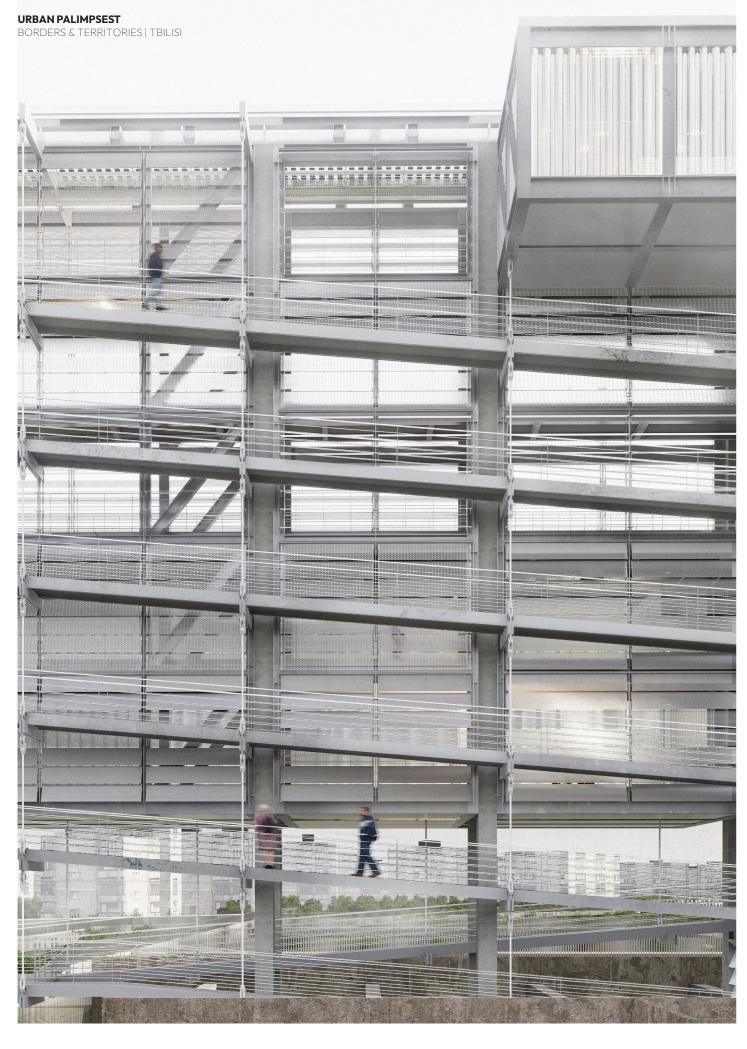


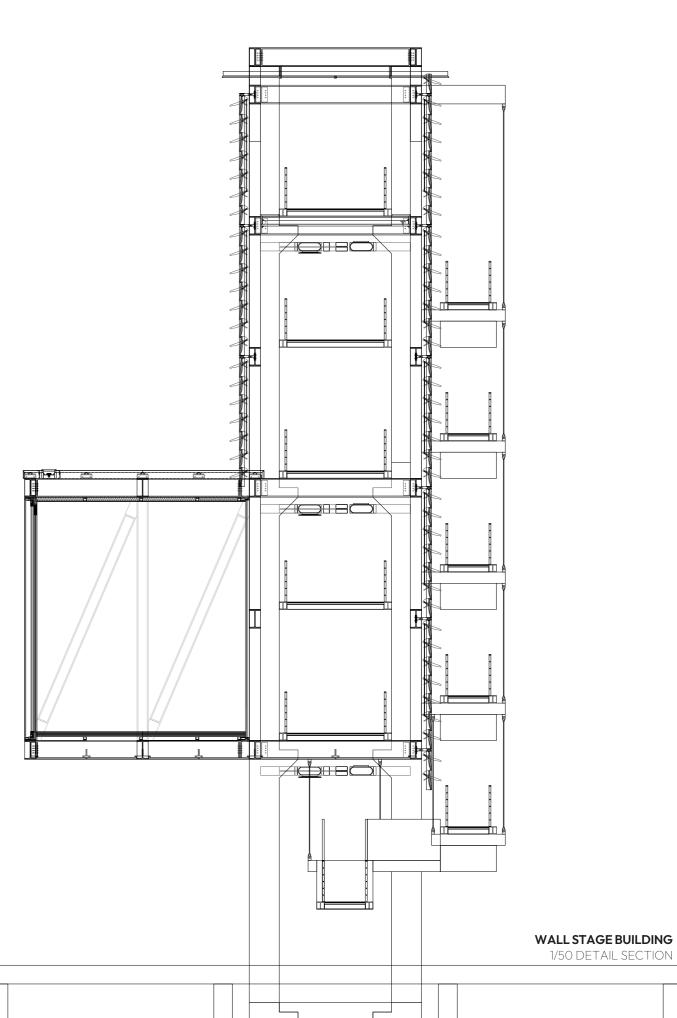


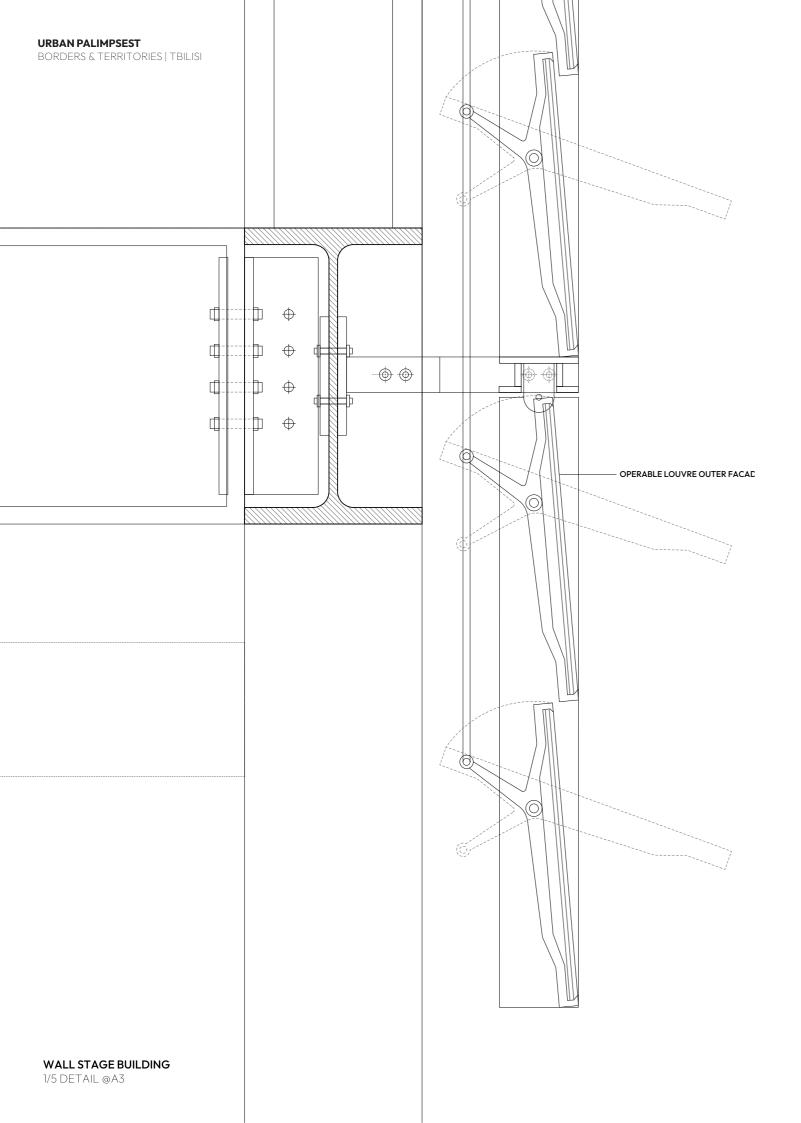
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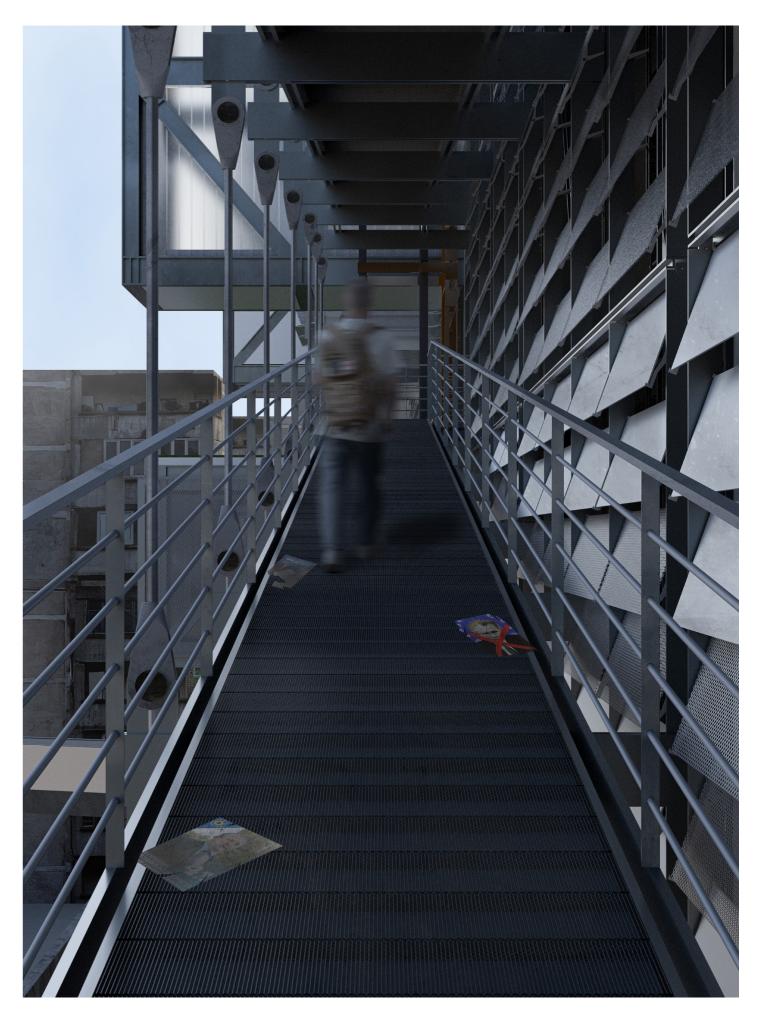


1/50 DETAIL SECTION



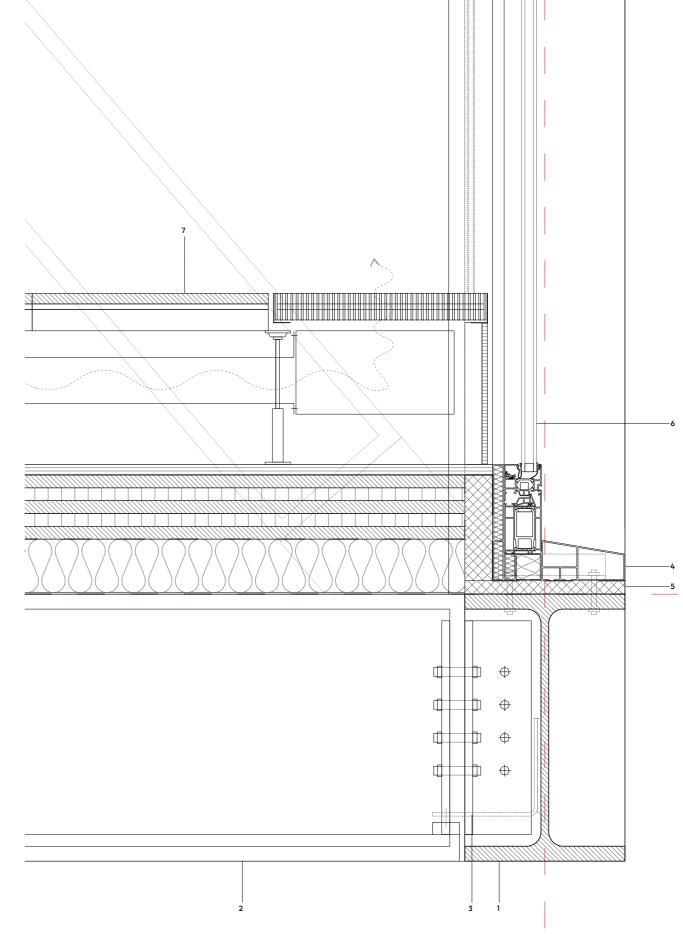






BORDERS & TERRITORIES | TBILISI

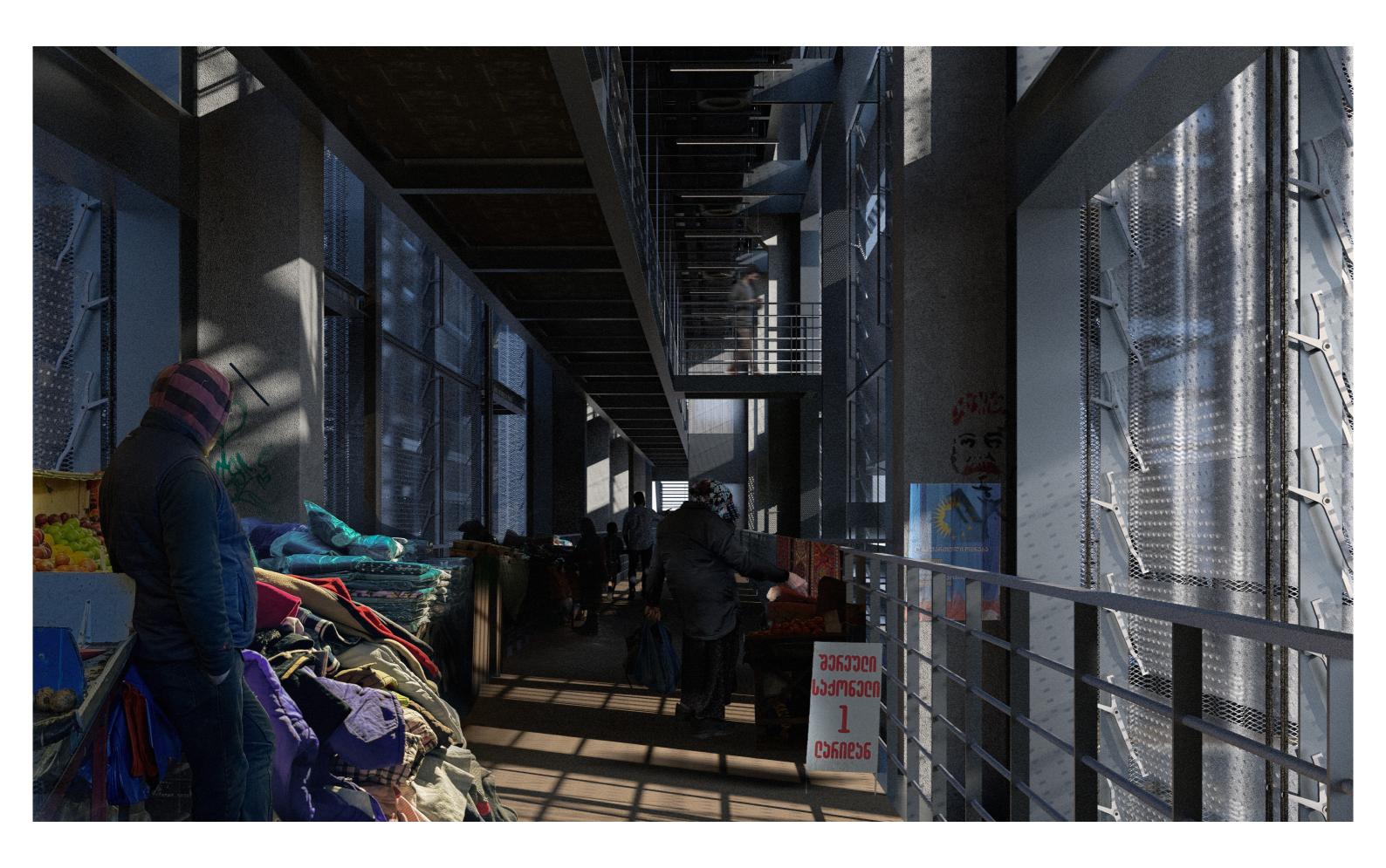




1 HEB 300 STEEL BEAM
2 ANODIZED ALUMINUM SHEET
3 L PROFILE BRACKET 200*200*6MM
4 WINDOW FRAME WITH THERMAL BREAK
5 FOAMGLAS* THERMAL PAD
6 GLAZING:
6MM+14MM CAVITY+8MM LAMINATED SAFETY GLASS
7 FLOOR COMPOSITION:
20MM GARNISH FLOORING
120MM CLT PANEL
100MM INSULATION
ADAPTIVE TAKEFALL SHEET

PRESENTATION

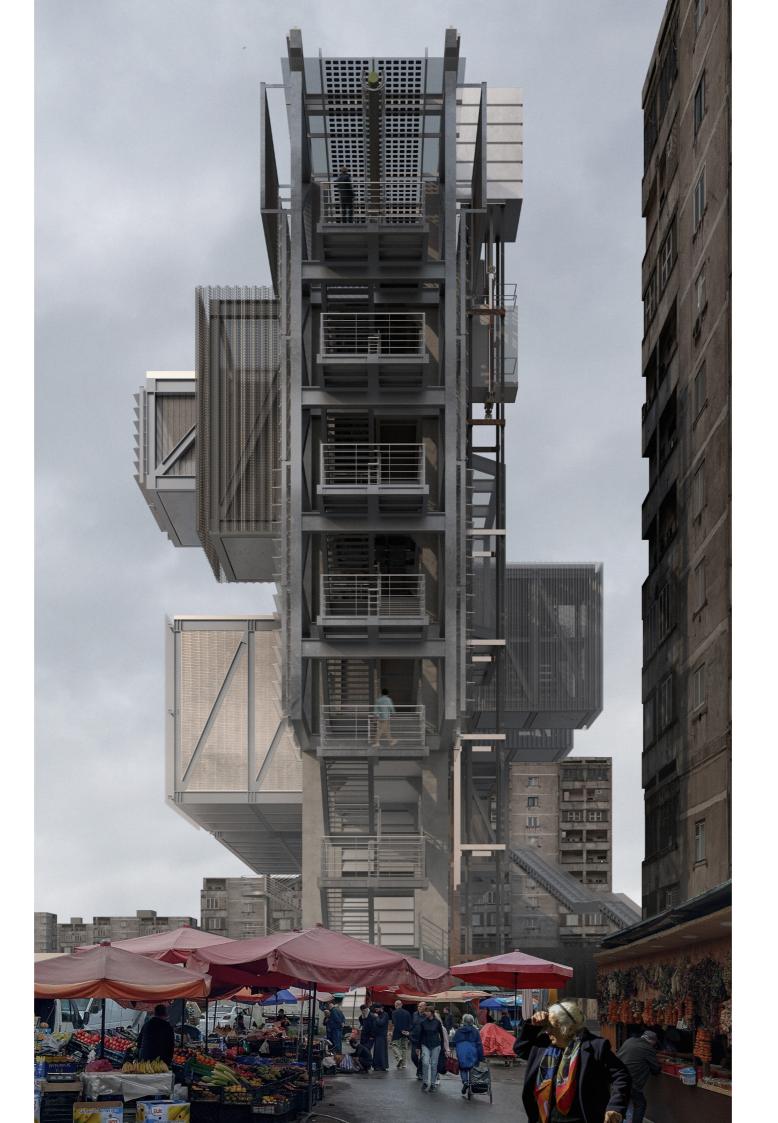
WALL STAGE BUILDING 1/5 DETAIL @A3































URBAN PALIMPSEST REFLECTION

REFLECTION CALL BACKS?...

FROM GLDANI TO FUTIAN





REFERENCE

PROLOGUE

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THANK YOU