The House of Fairy Tales

A History as a fairy tale for European Dream

2011.11.11

Public Realm_Brussels
Delft University of Technology

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- 02. Situation (Change Heirarchy, Change Scale)
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'European Dream'

'American Dream' from 'The New World' to be declined as an 'Old Vision' 'European Dream' from 'The Old World' to be emerged as an 'New vision'

As defined by Jeremy Rifkin, European Union as the first postmodern government body with economical superpower rivialing a potential to be a world leading political power

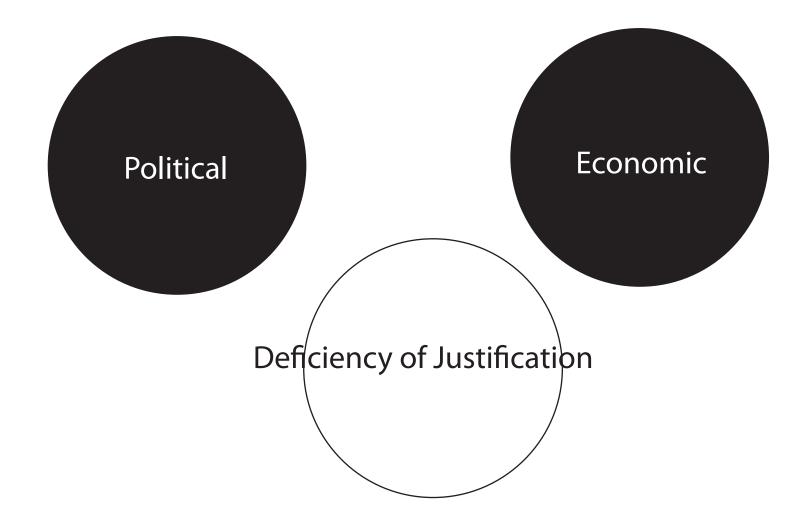
Deep play;

Connectivity;- Dutch people's quest for gezelligheid (meaning a cozy, inclusive environment) Sustainable Development;

Respect for Human Right etc.

The New Vision, 'European Dream' being drived from 'The Old World's Various Historical Background'

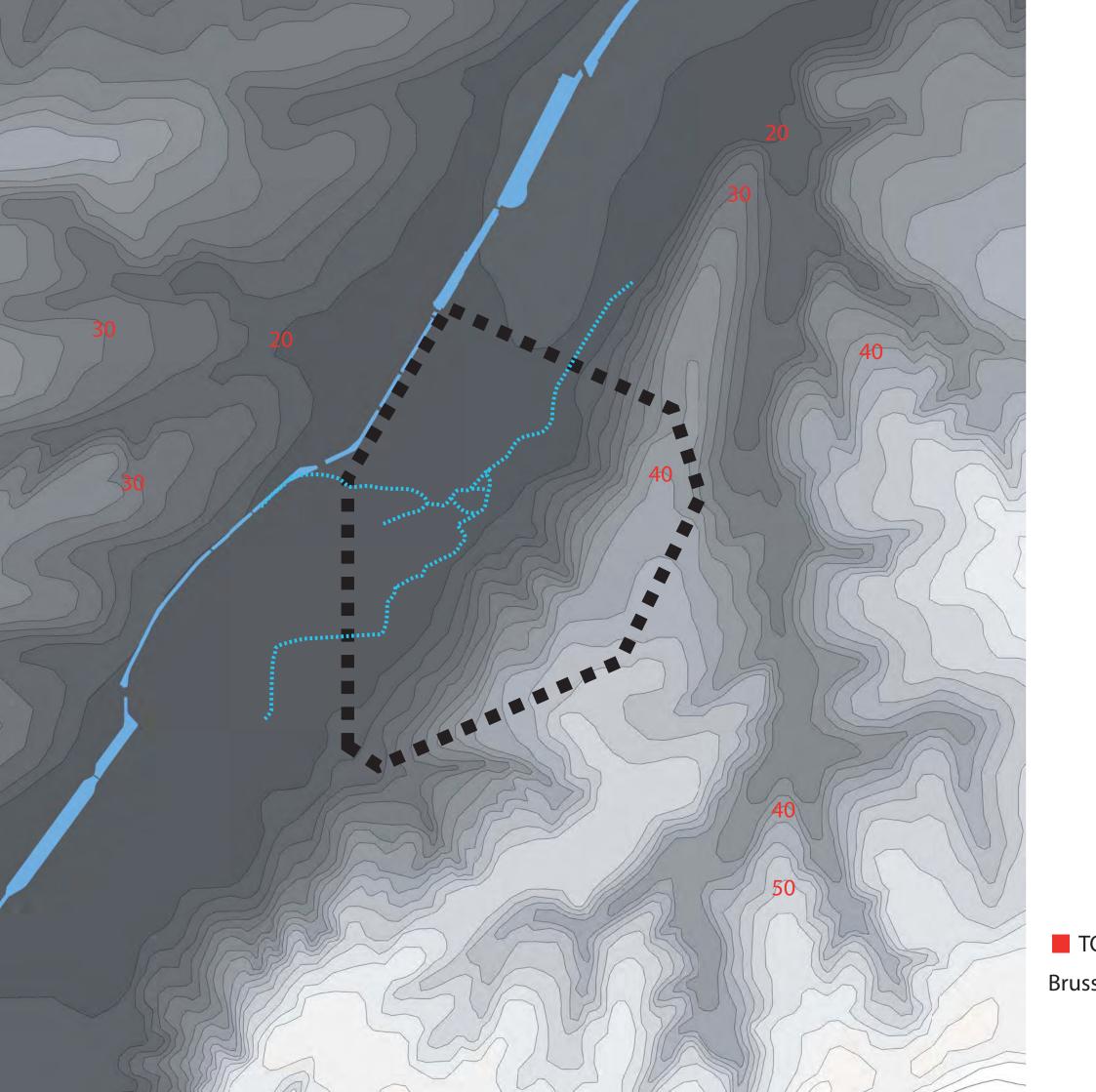
'Brussels' as a symbol of European Dream,



'Brussels' bacame a transnational capital which was built on two pillars, Political, and Economic. As the tales of King Auther's Sword made them great kingdom.

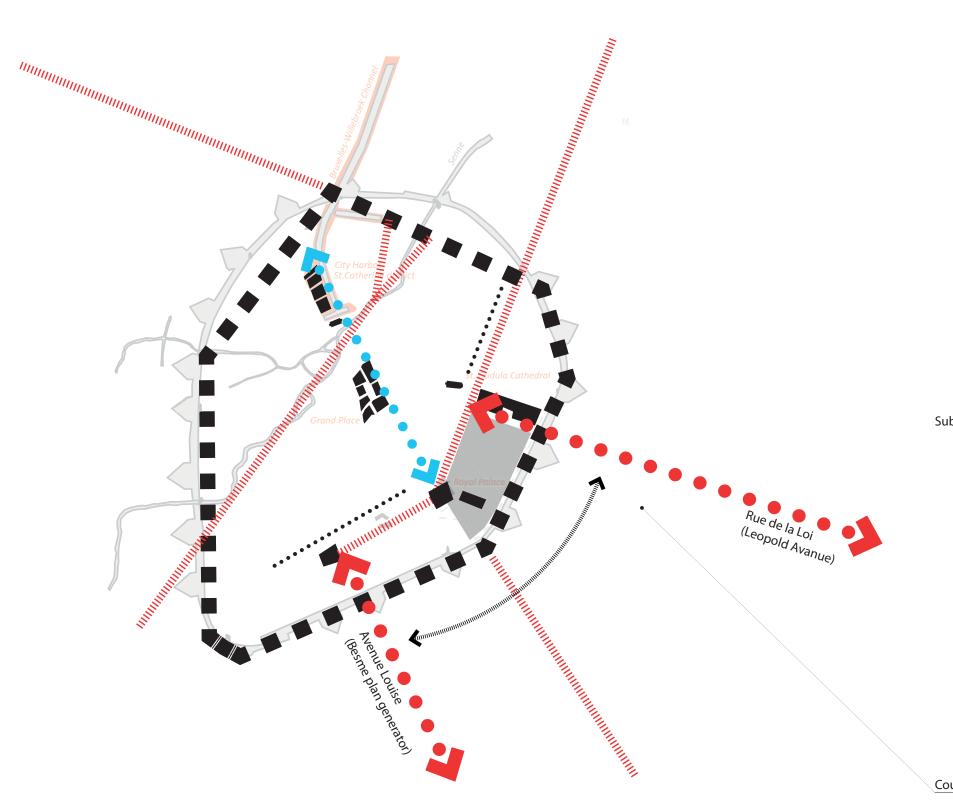
Brussels has European Union without European Dream, thus, Impatus achievement caused deficiency of connectivity and sustainable devalopment, which considered as a essential element for the new vision.

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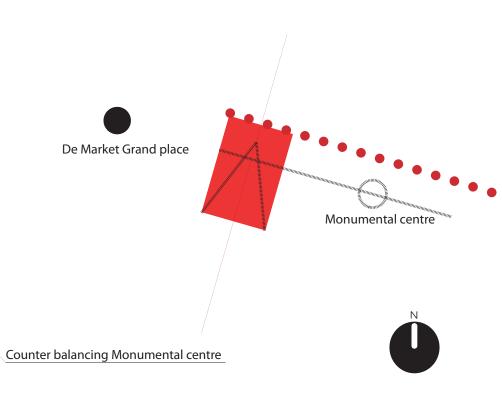
■ TOPOGRAPHIC DIFFERENCE

Brussles grows on the right side of the zenne river





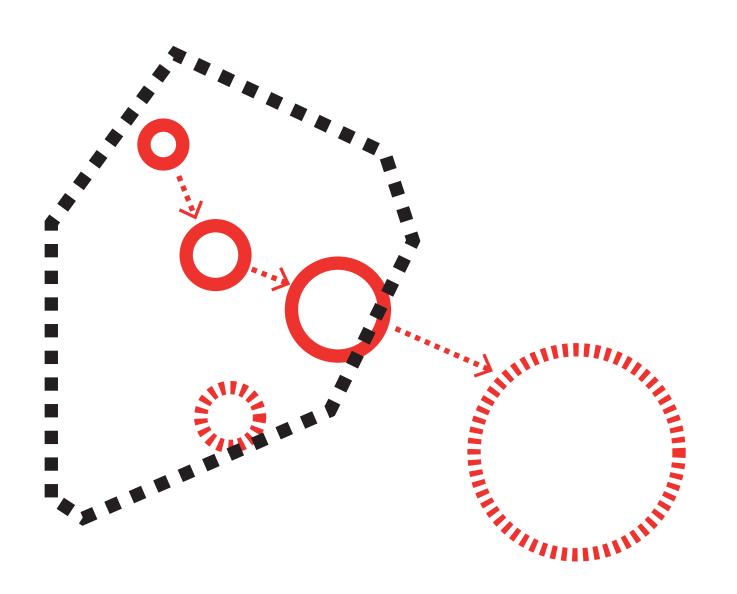
Suburban expention project for Quartier Leopold by Tilman-Francois Suys in 1838



+ In the nineteen century

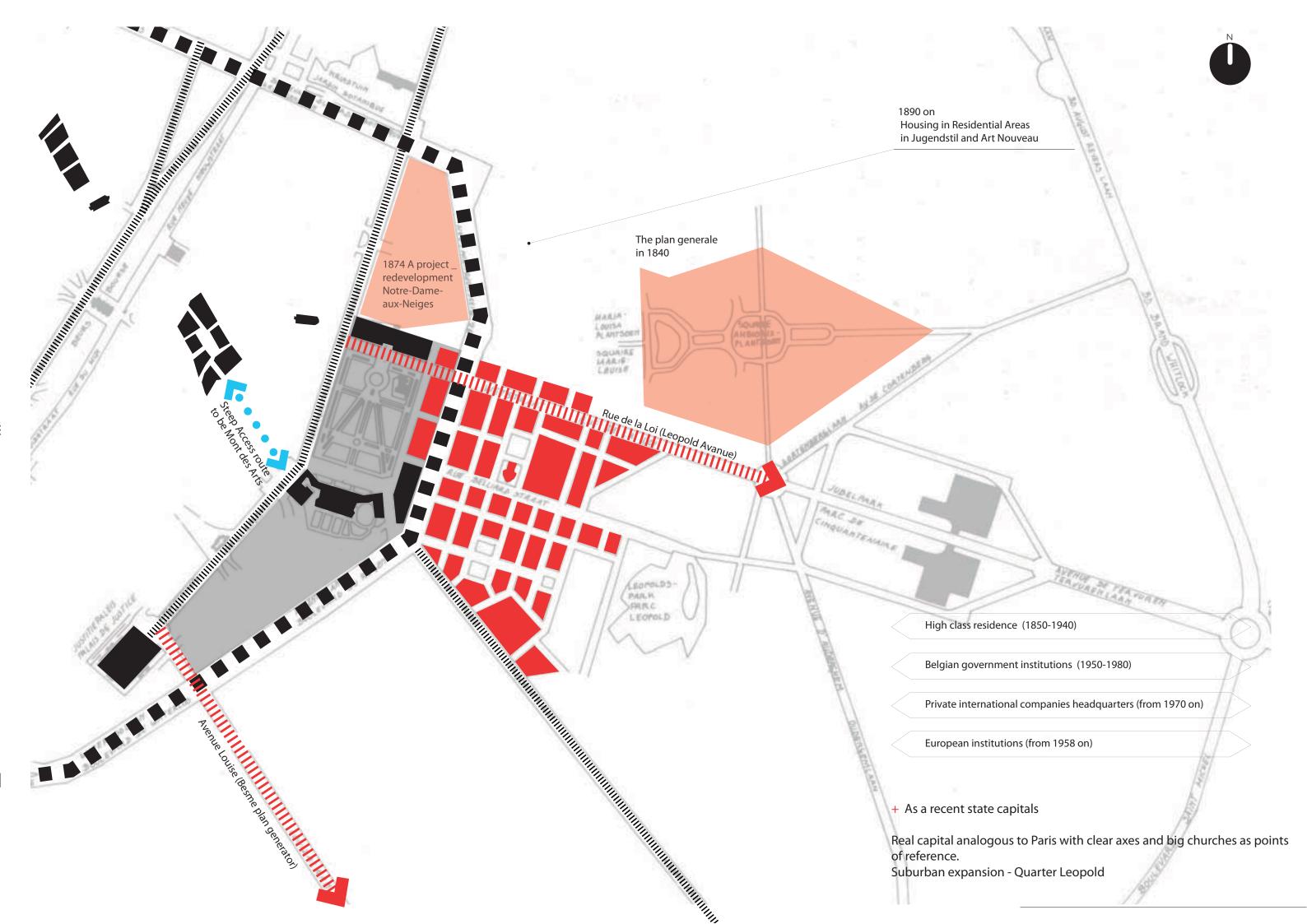
Real capital analogous to Paris with clear axes and big churches as points of reference.

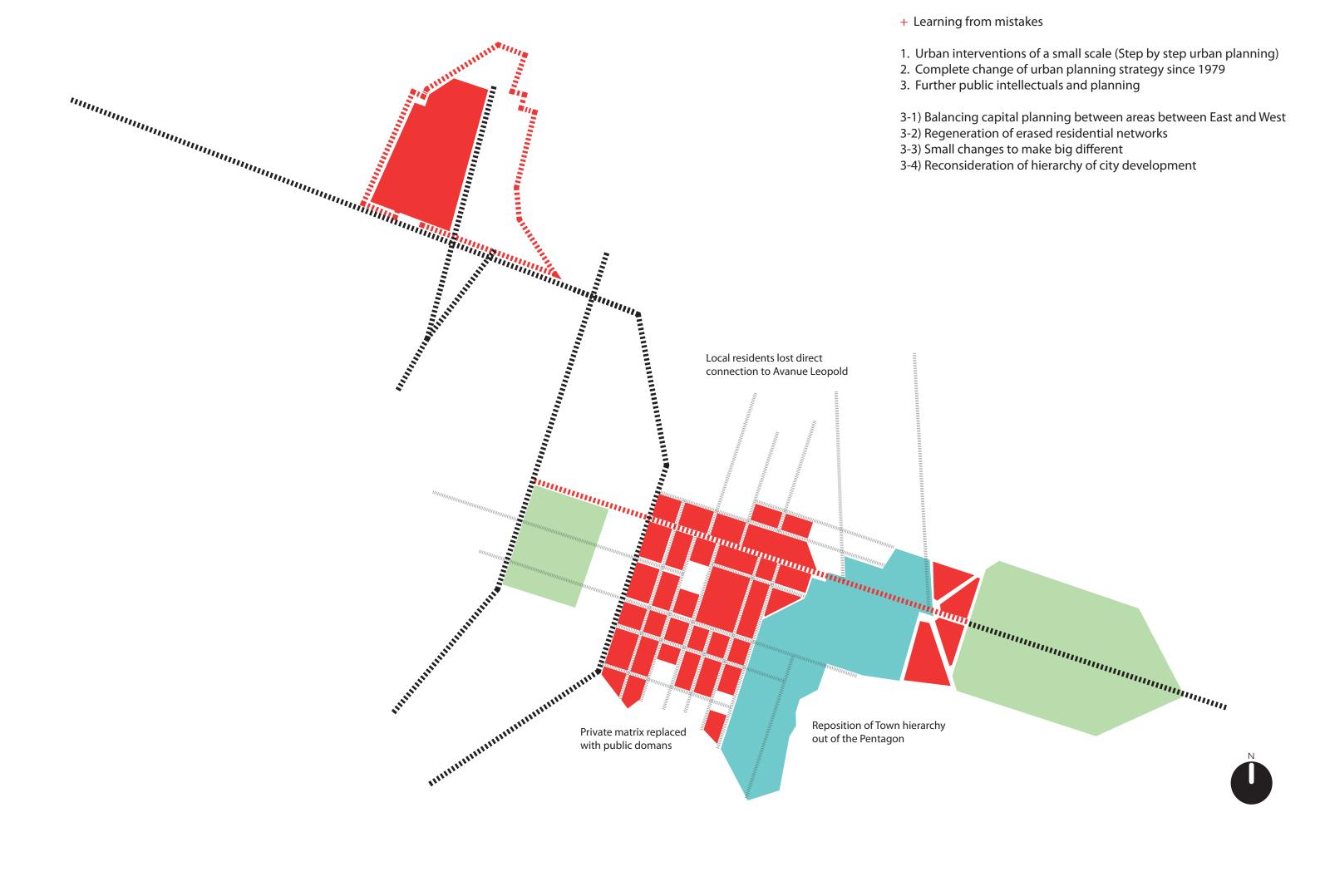
Suburban expansion - Quarter Leopold

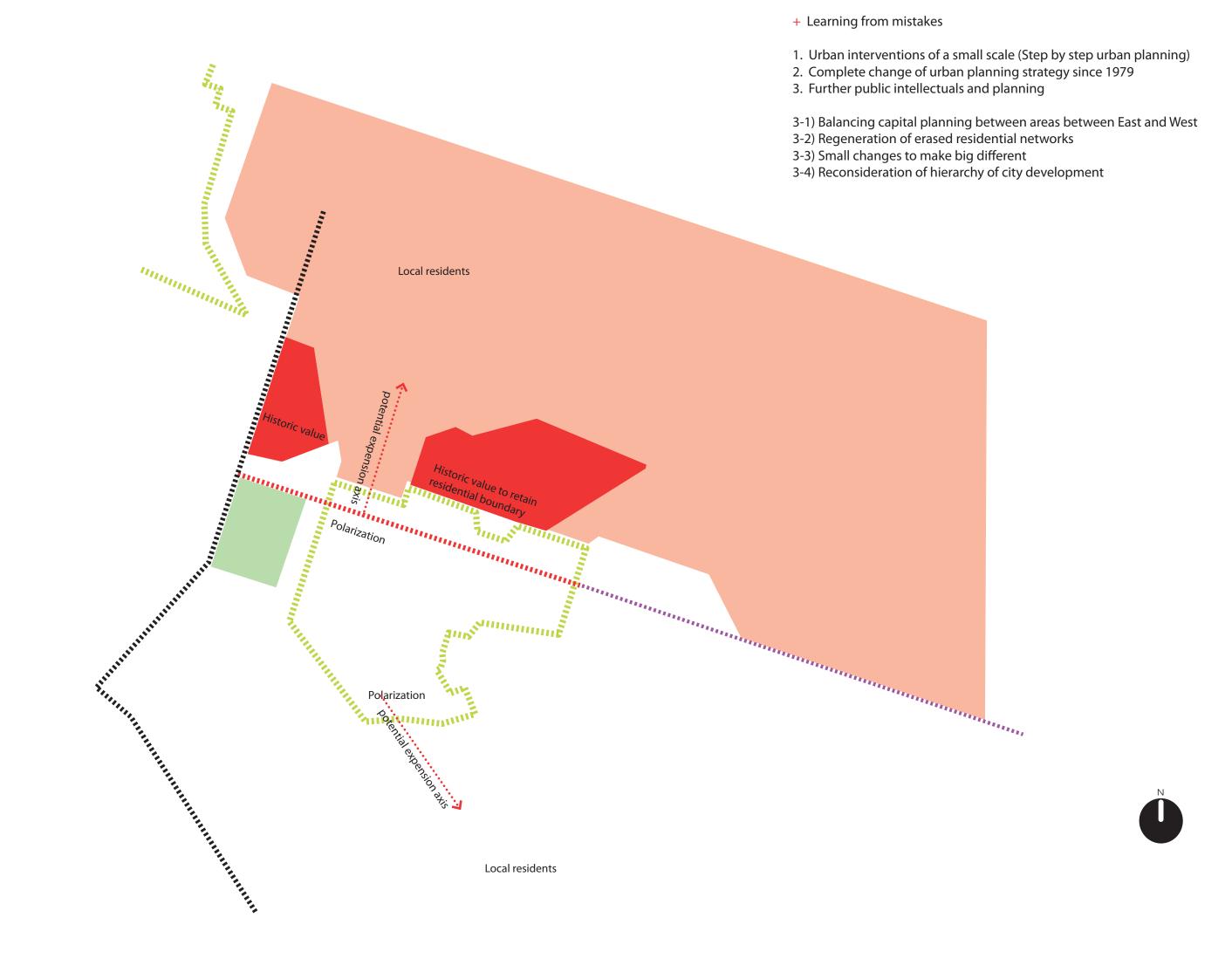


■ HIERARCHY AND SCALE CHANGES

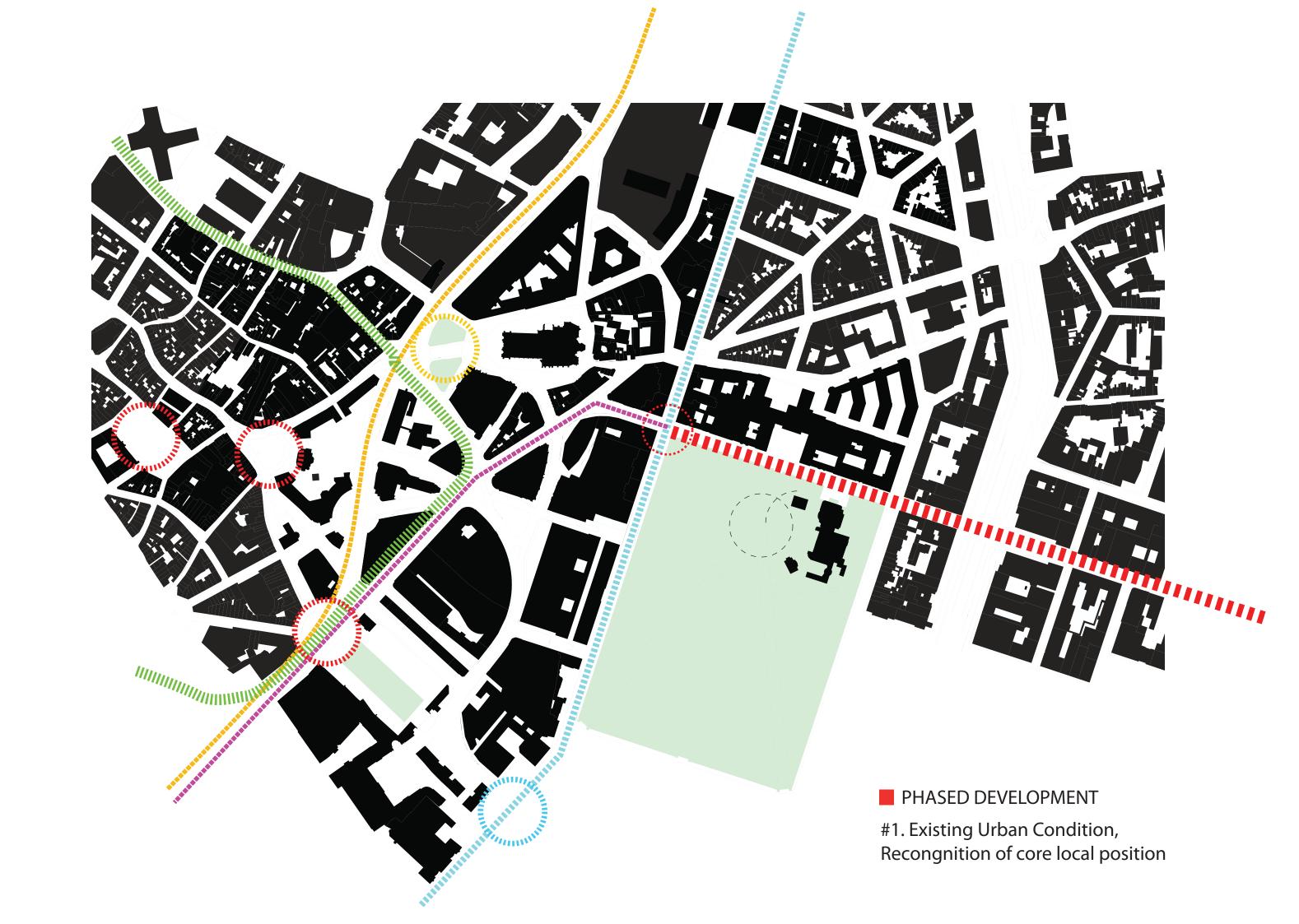
Local Hierarchy has been moved from East to West.

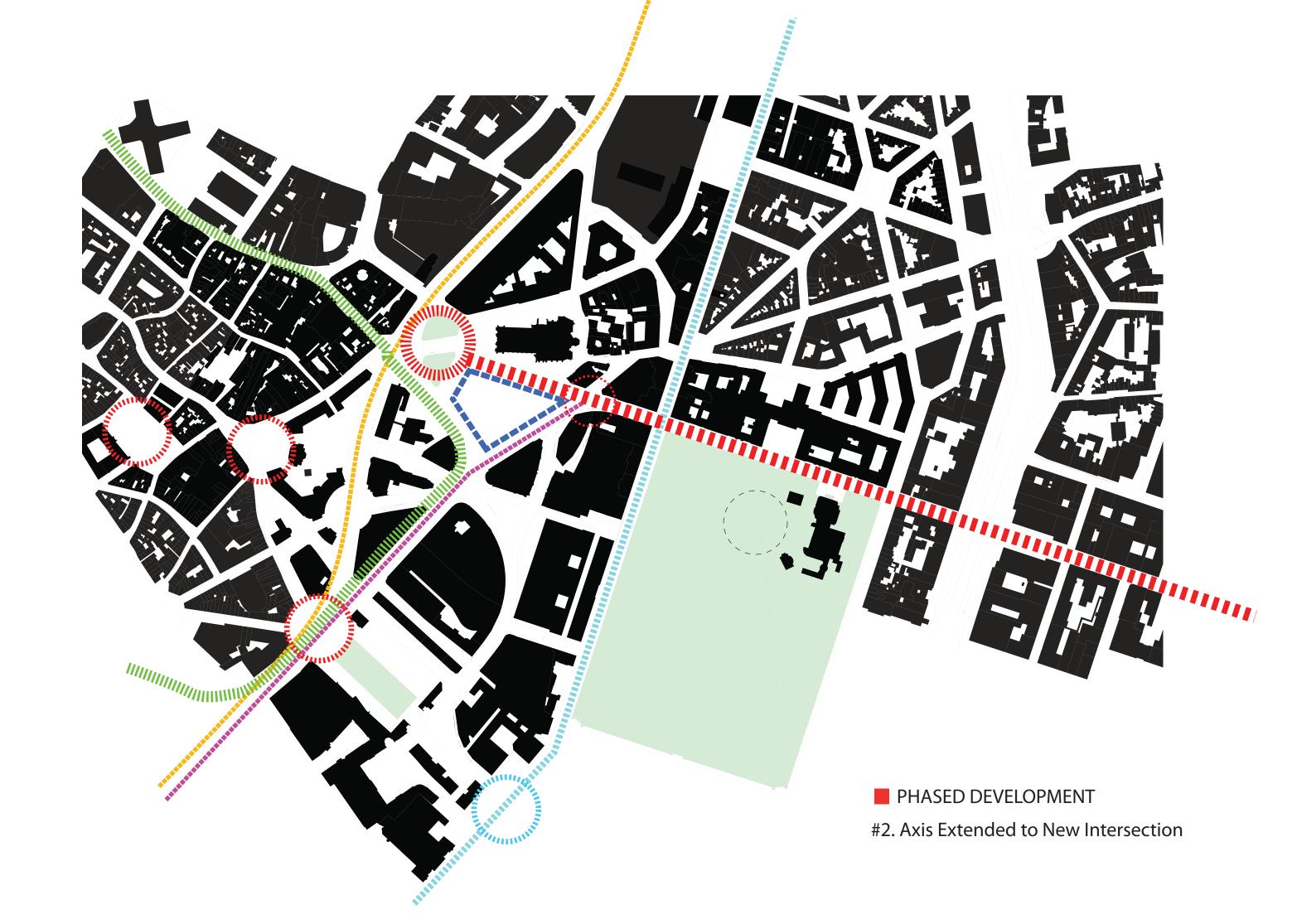


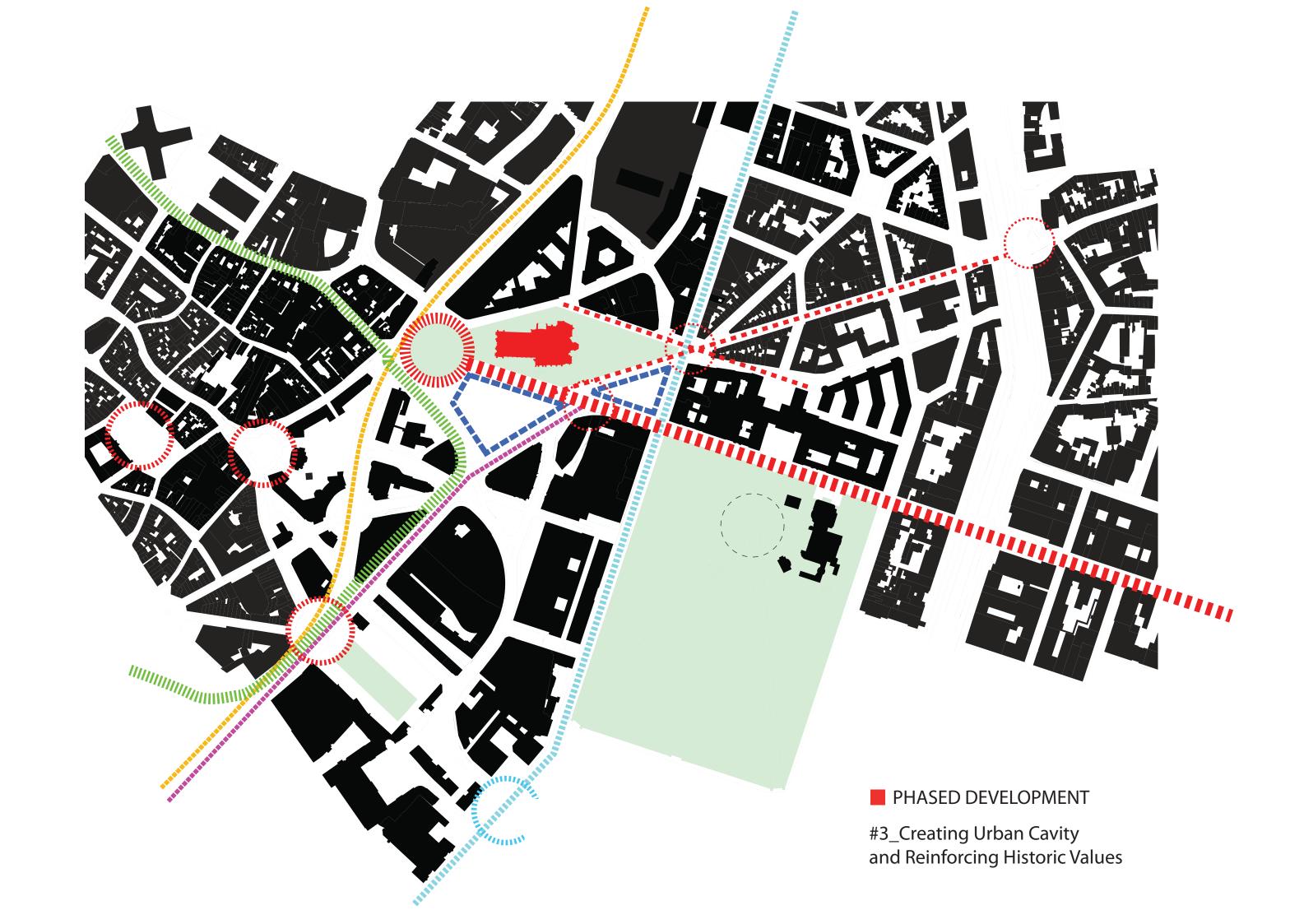


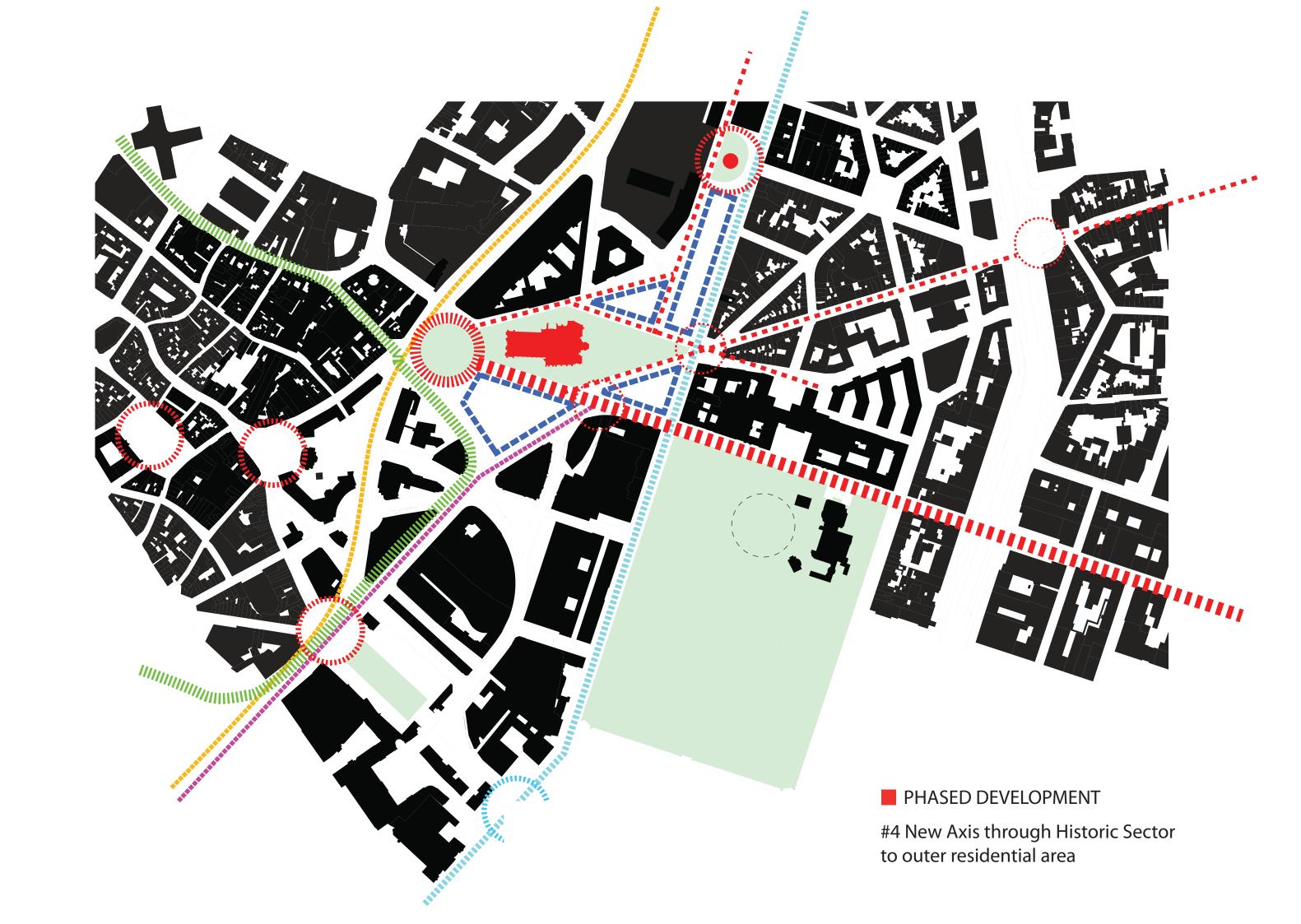


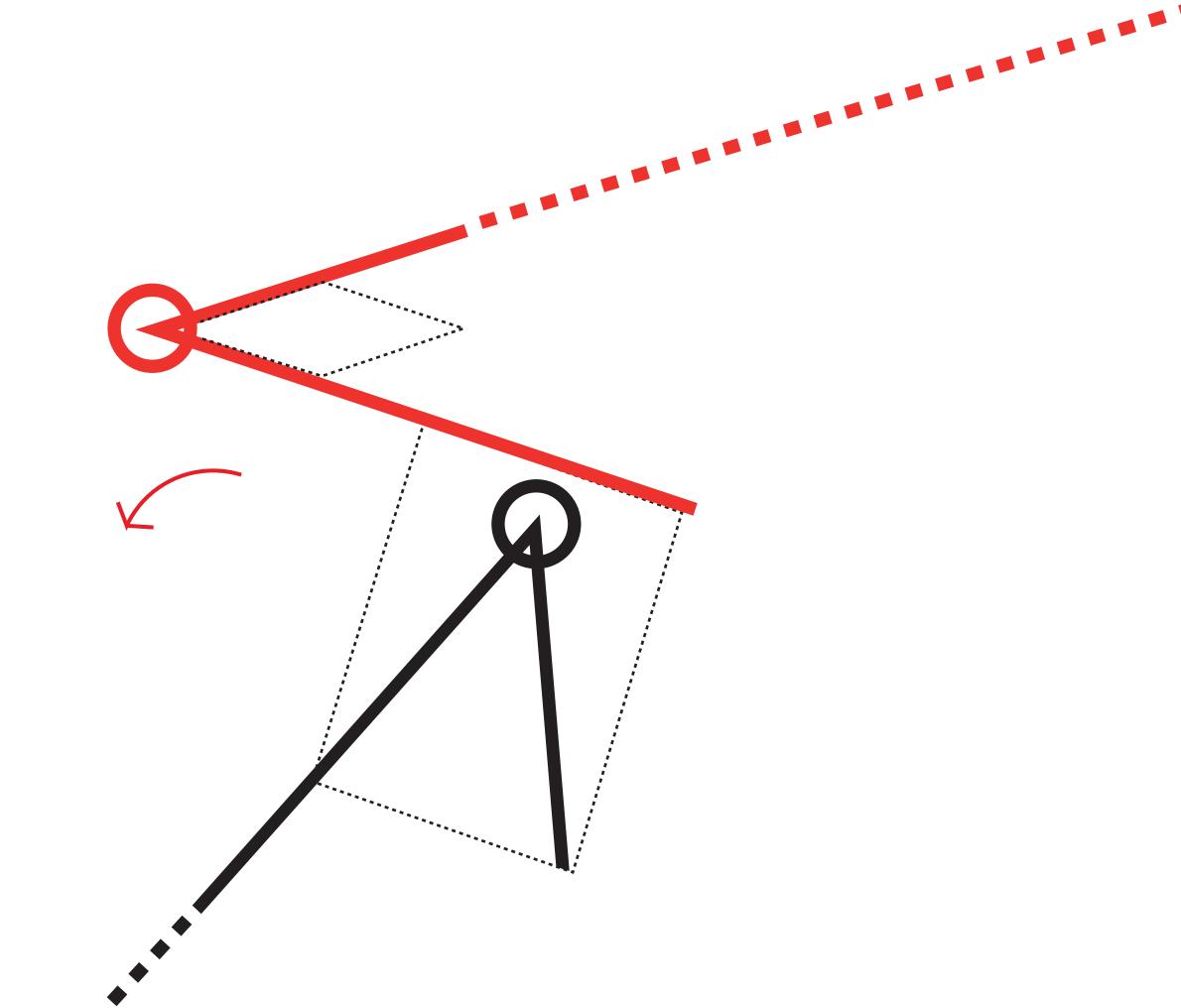
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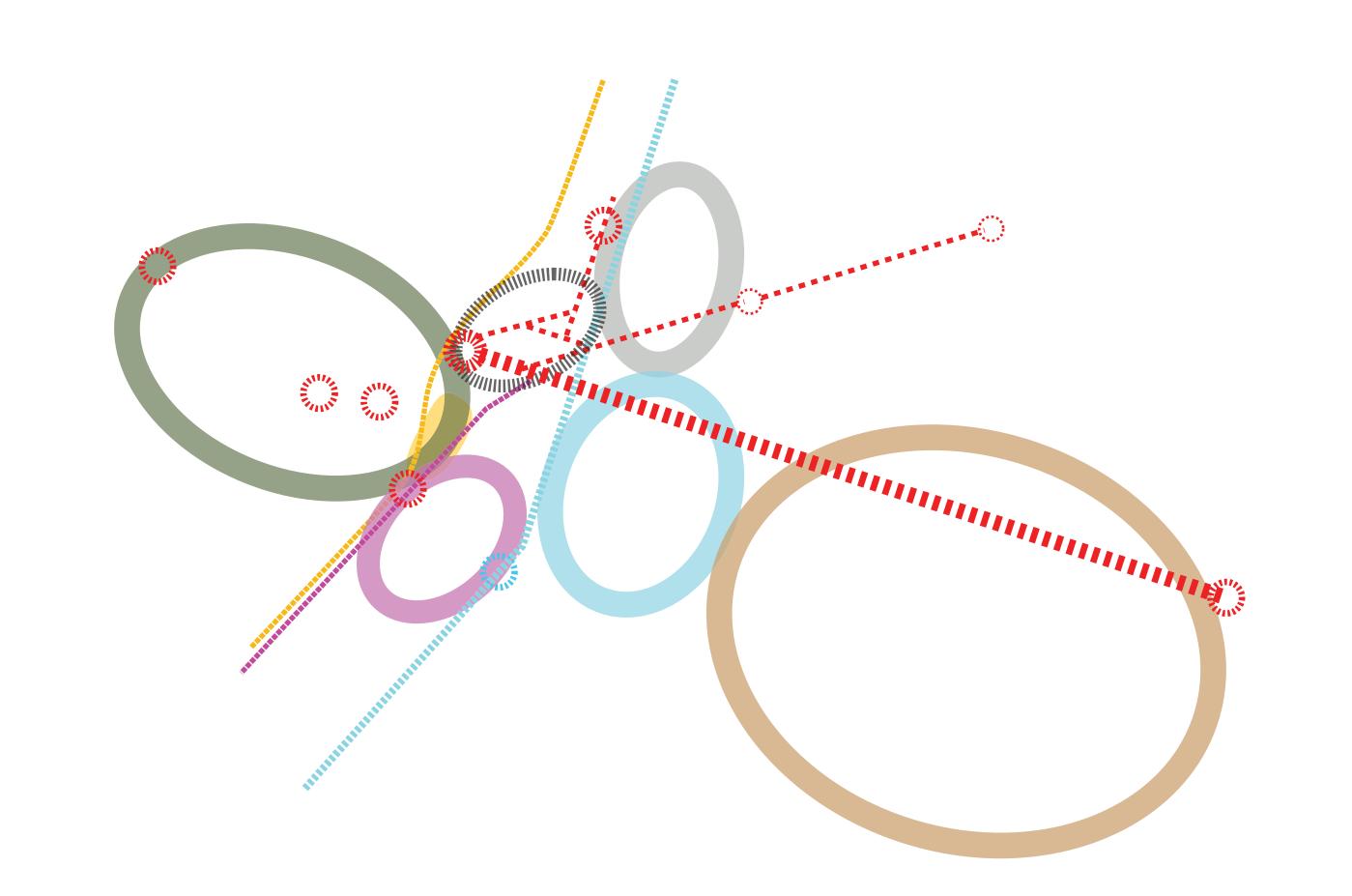


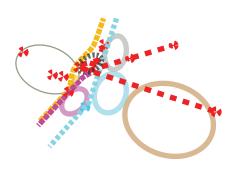




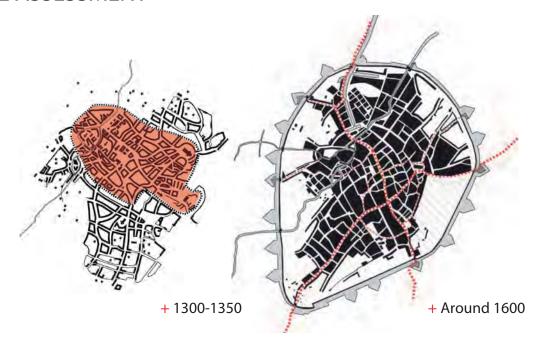








VALUE ASSESSMENT







+ Town hall and Grandplace 1401



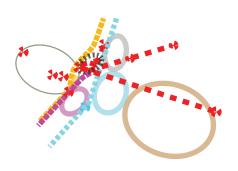




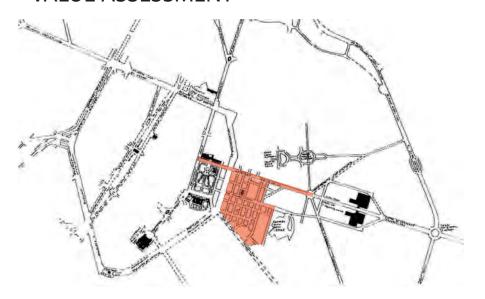
+ Historic main west-east route + Statue du bourgmestre Charles + St. Michiel & St.Gudula cathedral + 1898-1931, Mont des Arts Buls de Bruxelles de 1881-1899 11 century



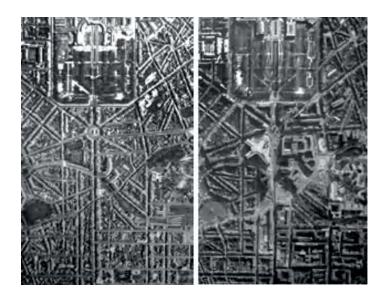
+ 1773 to 1780 Park de Park de Bruxelles.



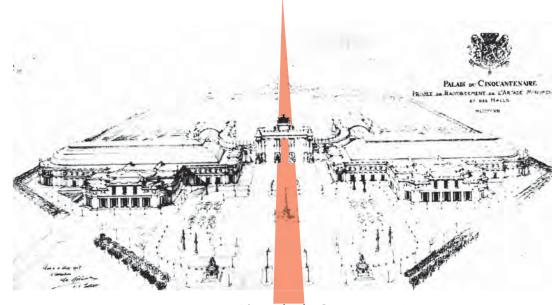
VALUE ASSESSMENT



+ 1838 Leopold Quarter and Plan Generale



+ 1957-1986 Eurioean Capital Zone and European Quarter



+ 1888-1908 L'arcade du Cinquantenaire.



+ European Quarter Bussiness district.



+ European Commission



+ European Paliment



+ Cinquantenaire from Rui de la loi



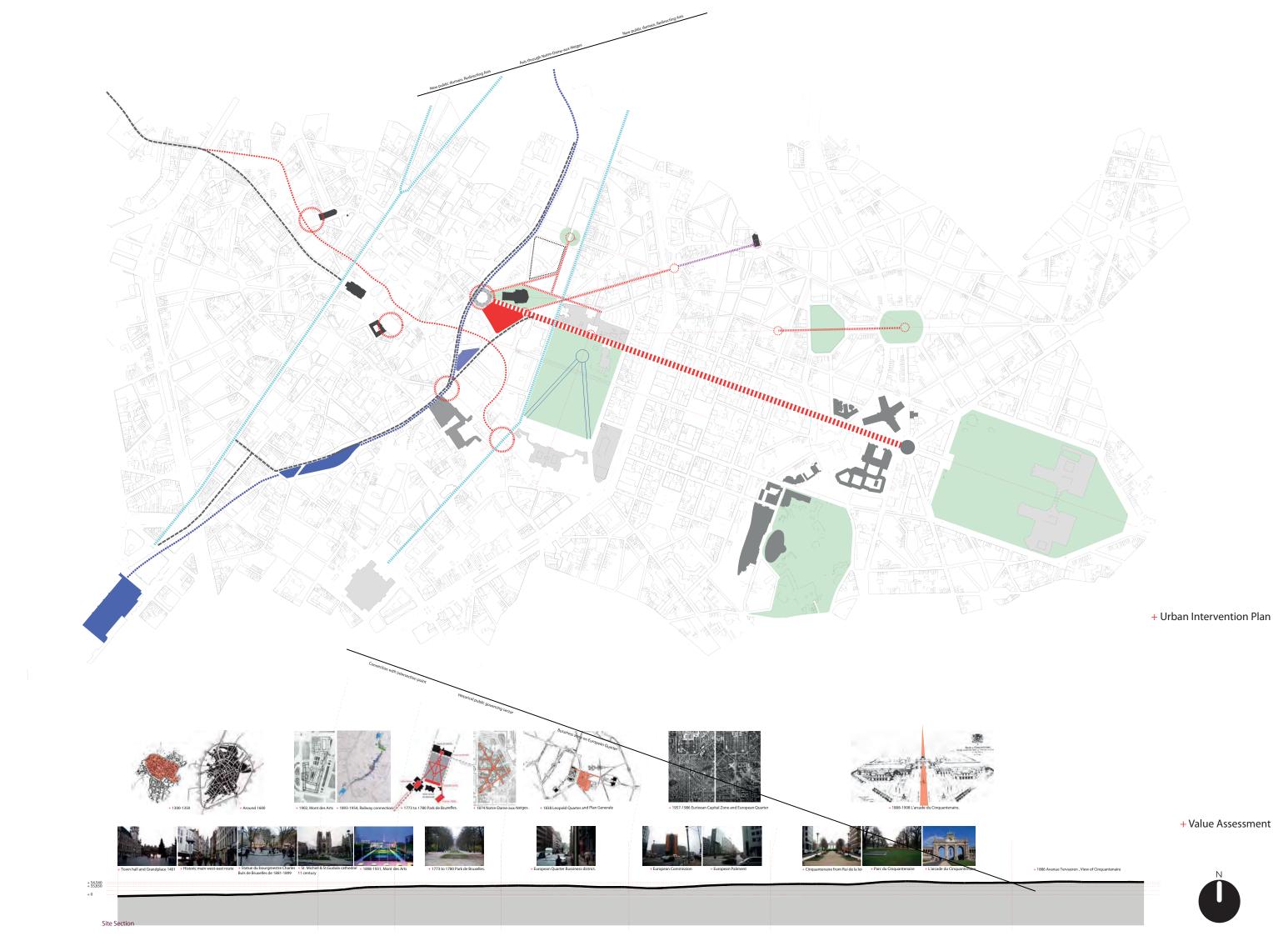
+ Parc du Cinquantenaire



+ L'arcade du Cinquan

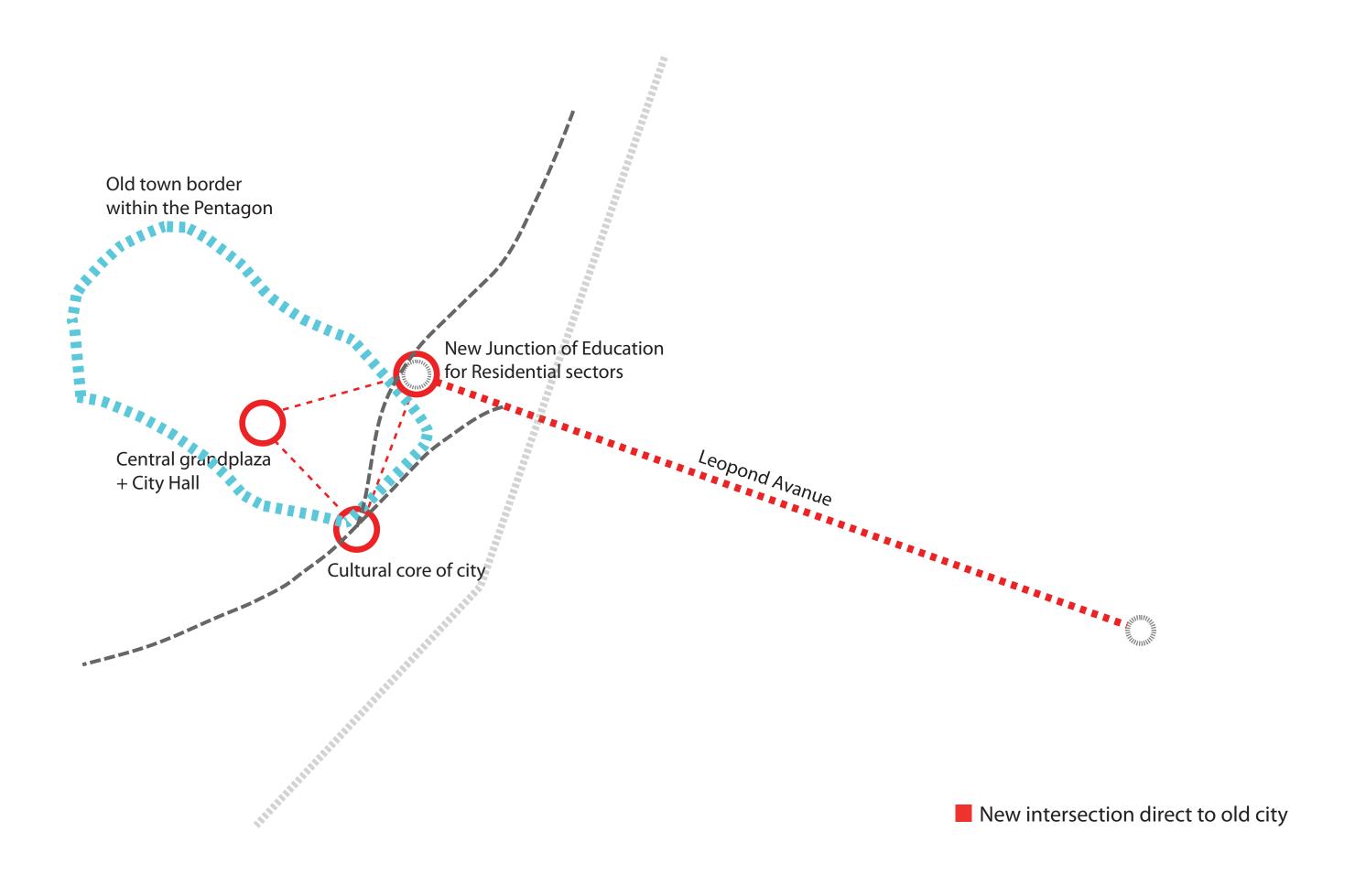
+ 54,540

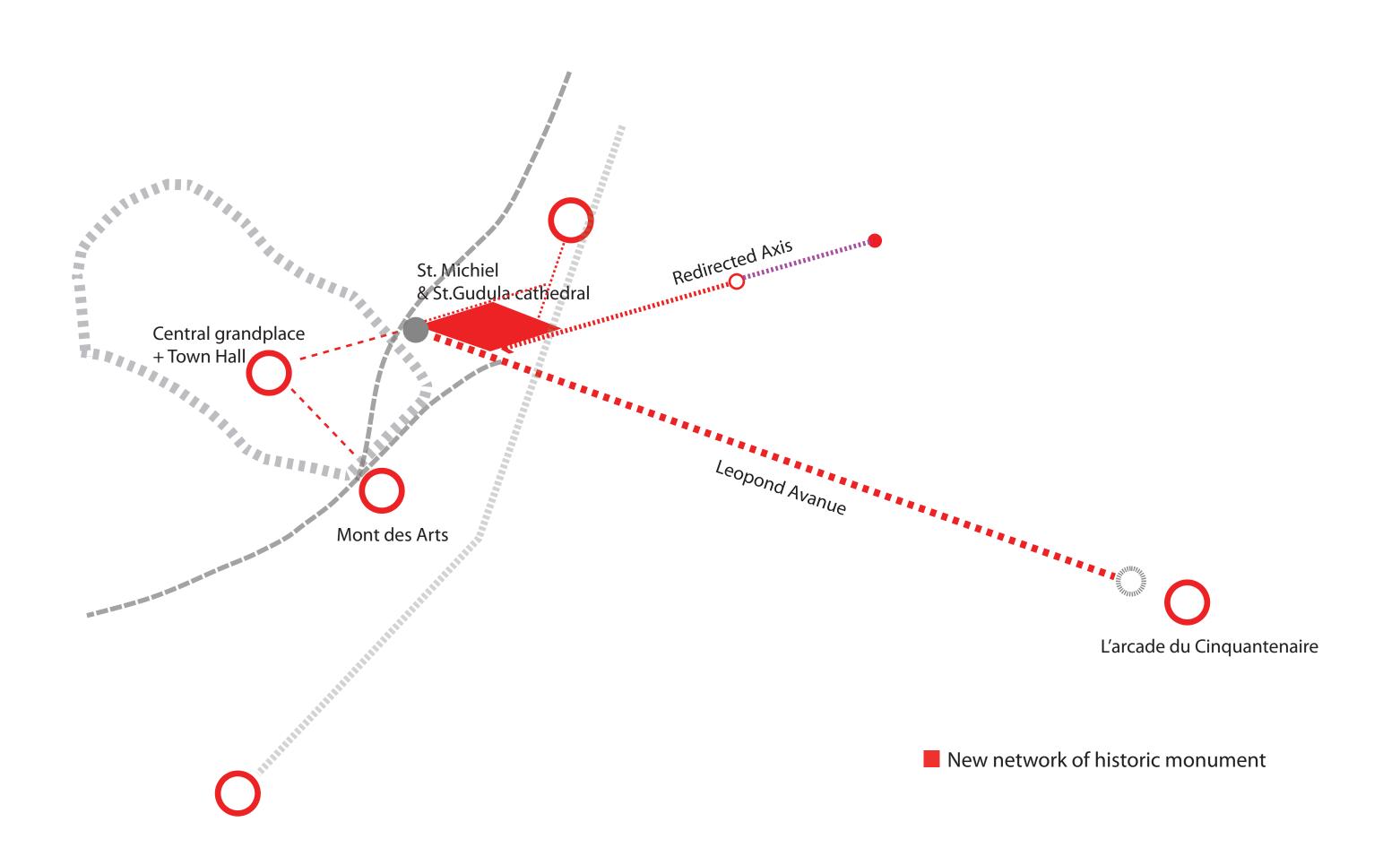
+0

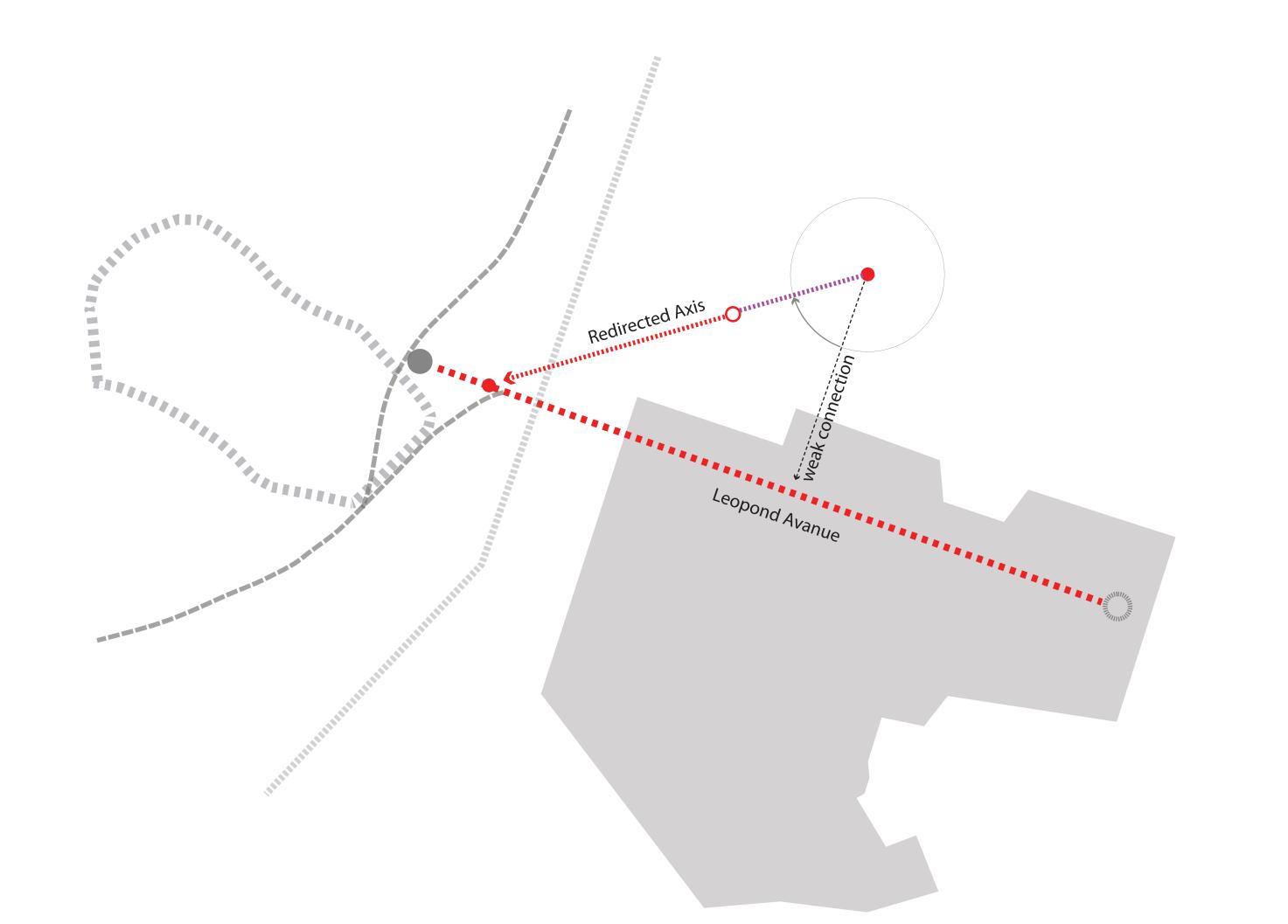


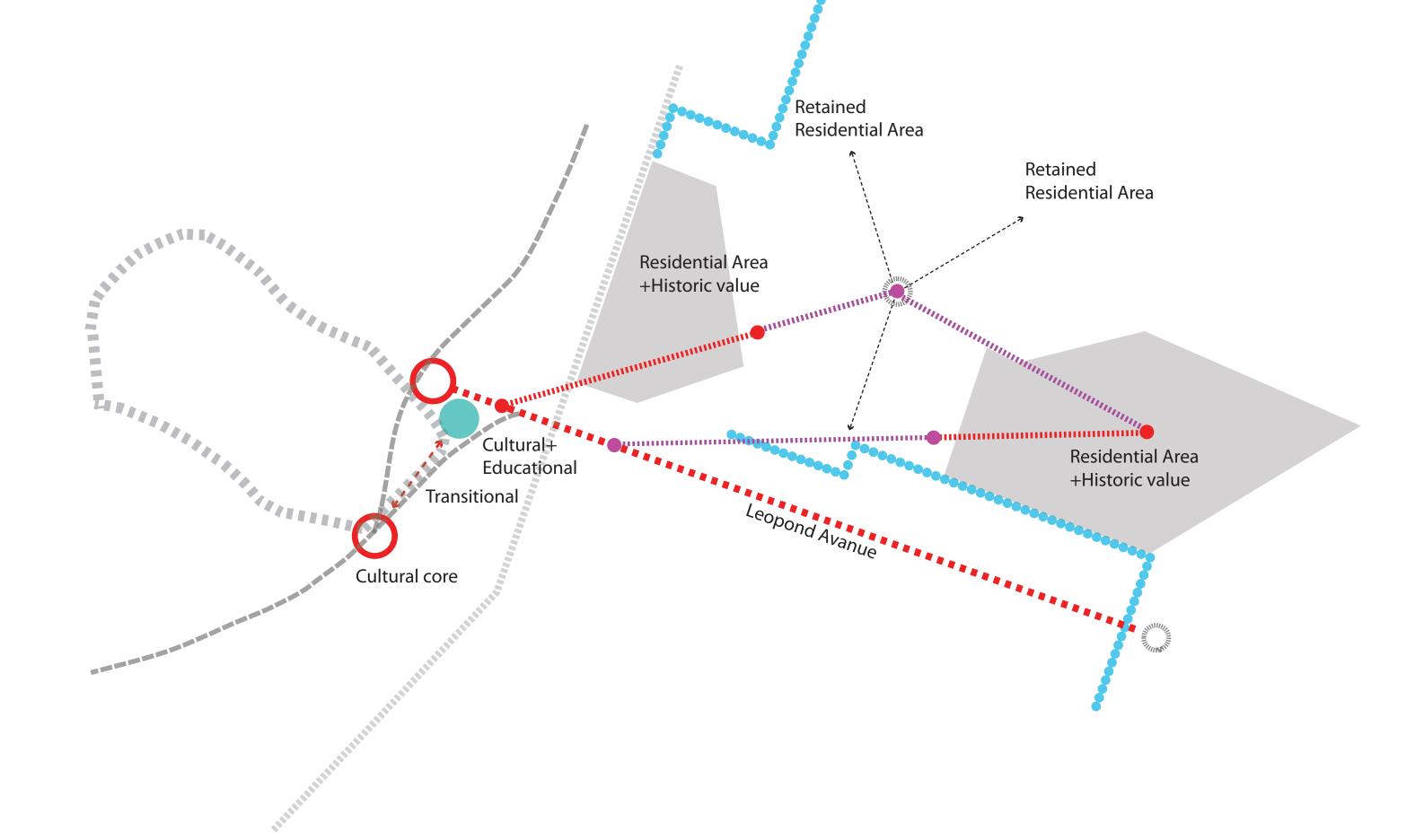
Urban Composition



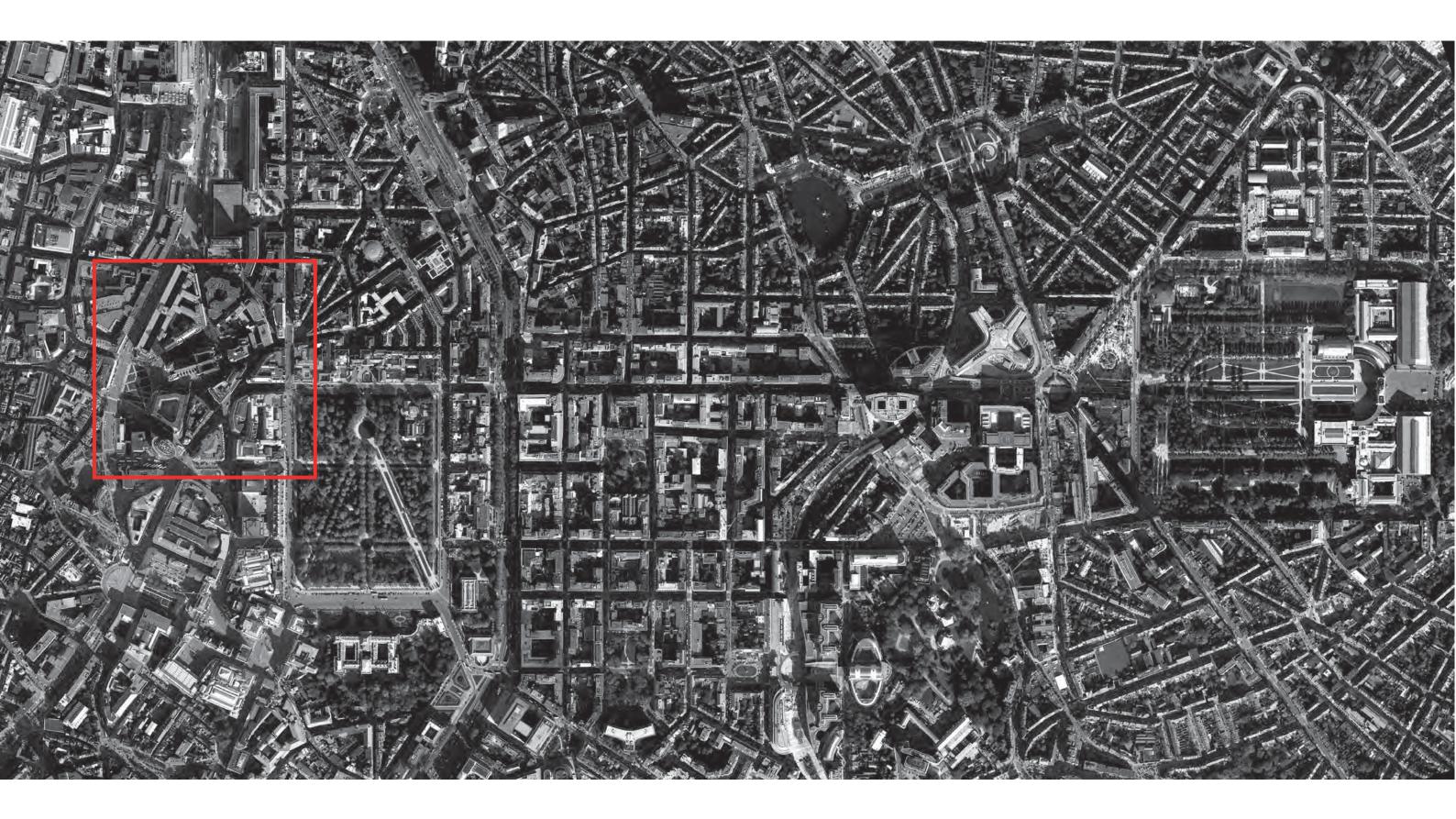






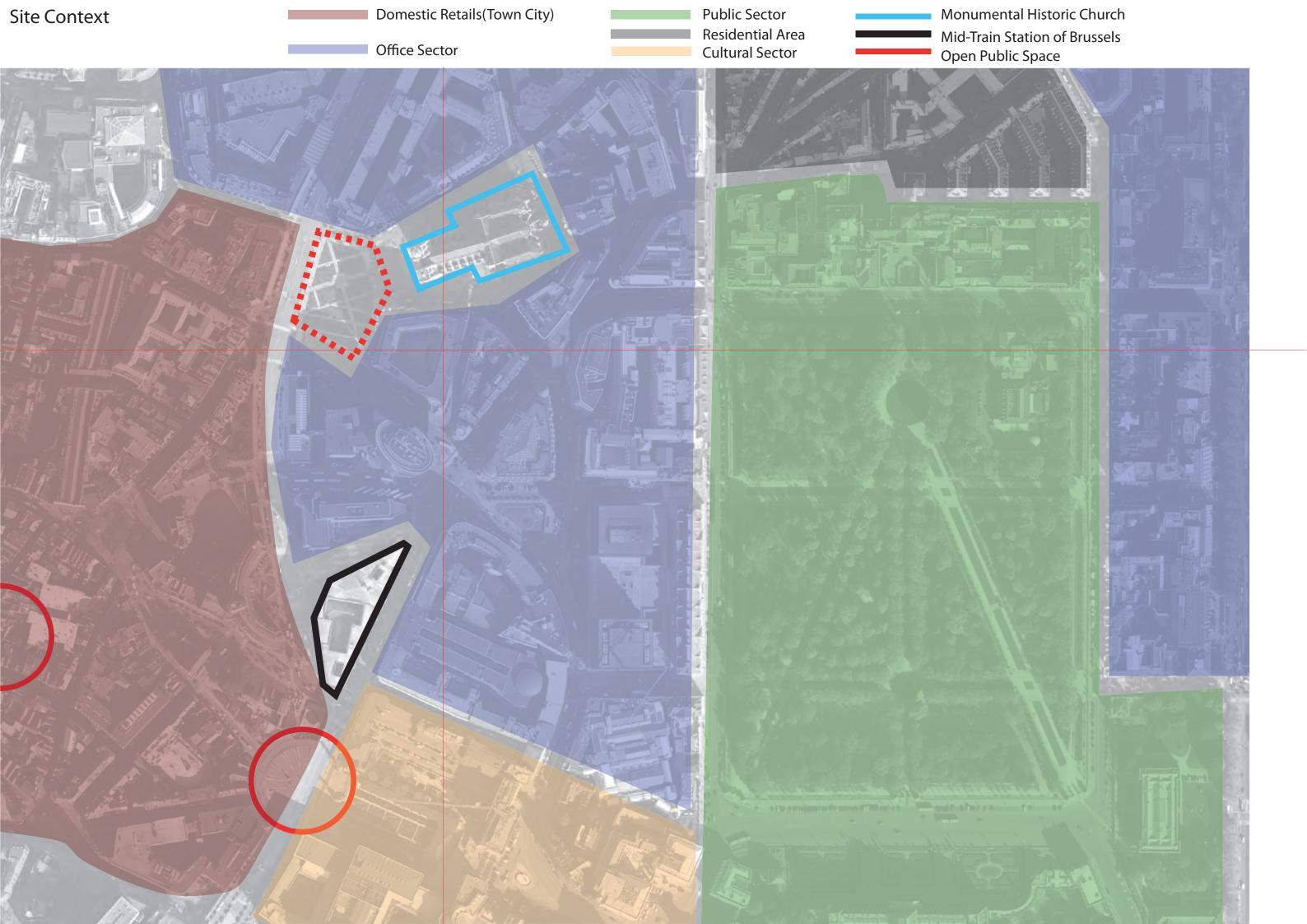


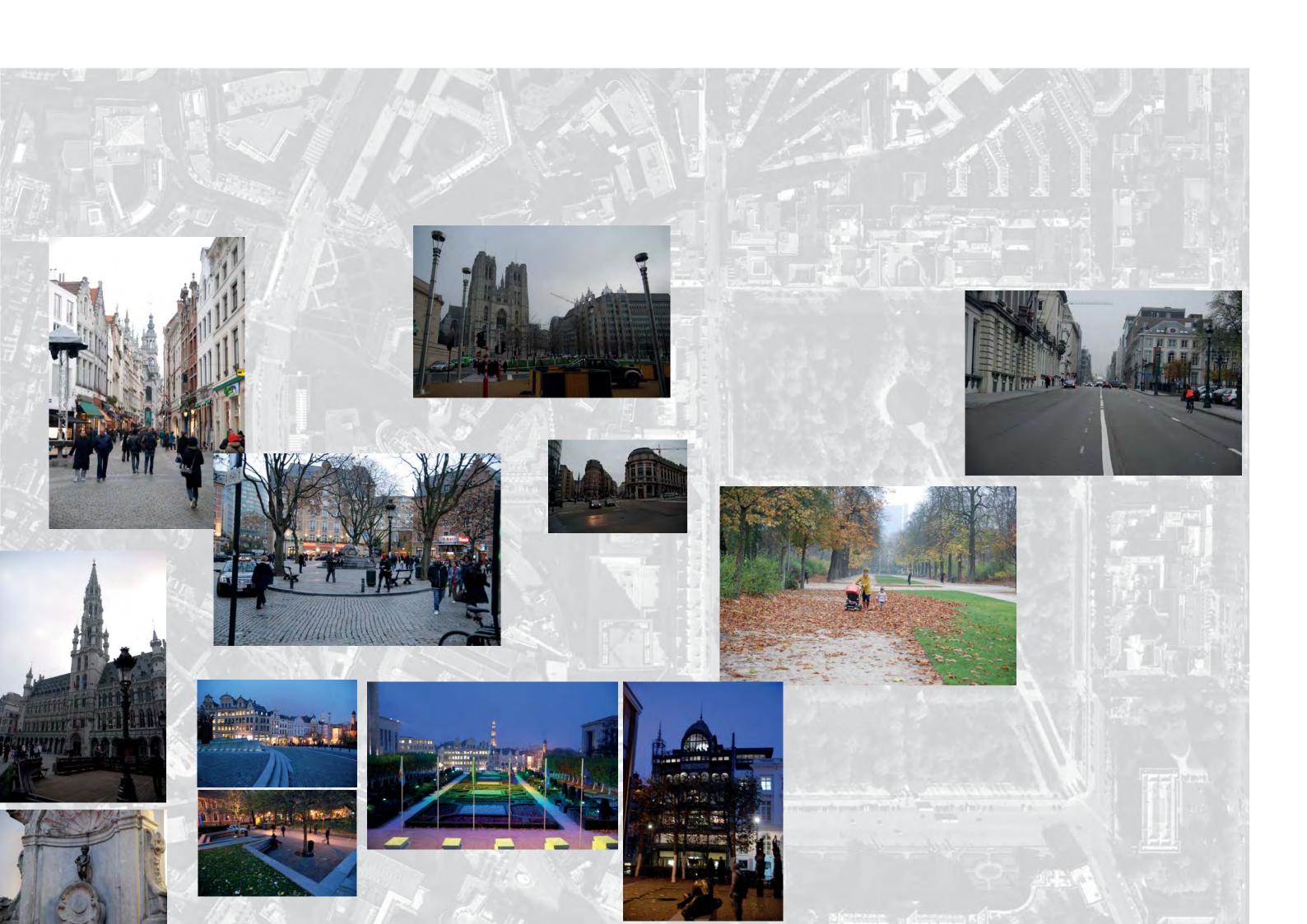
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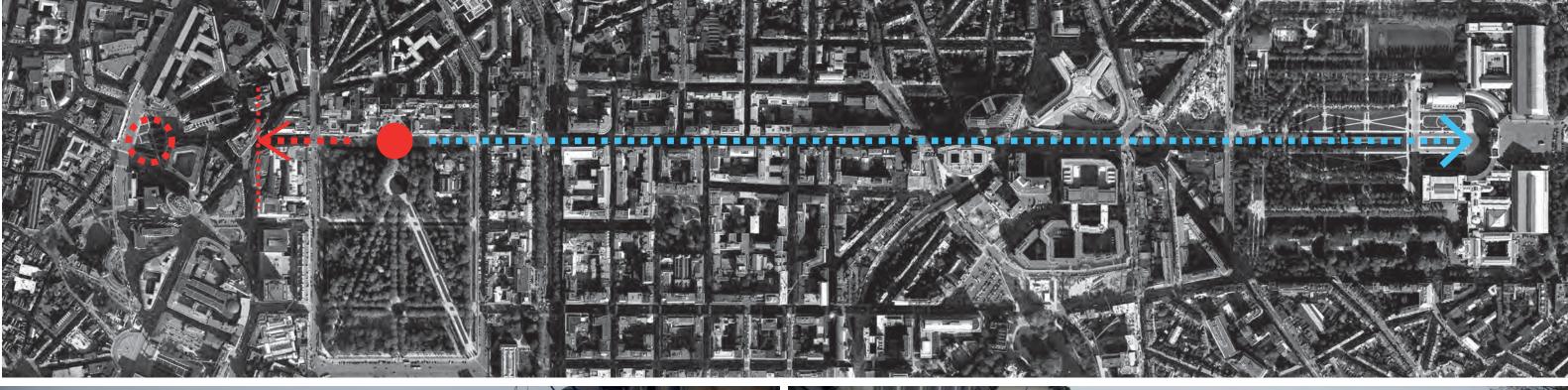


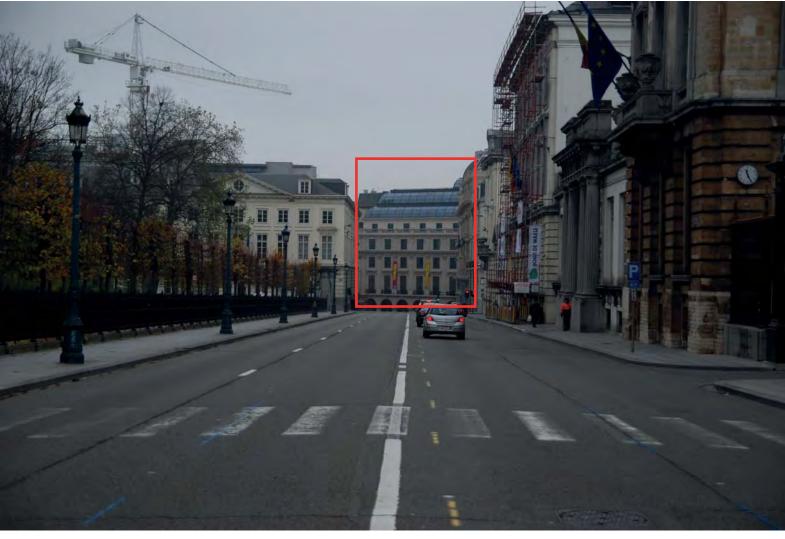


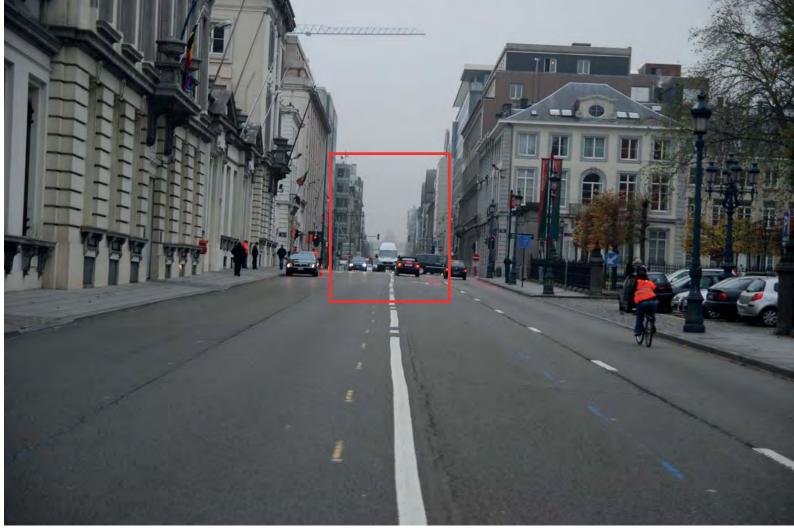


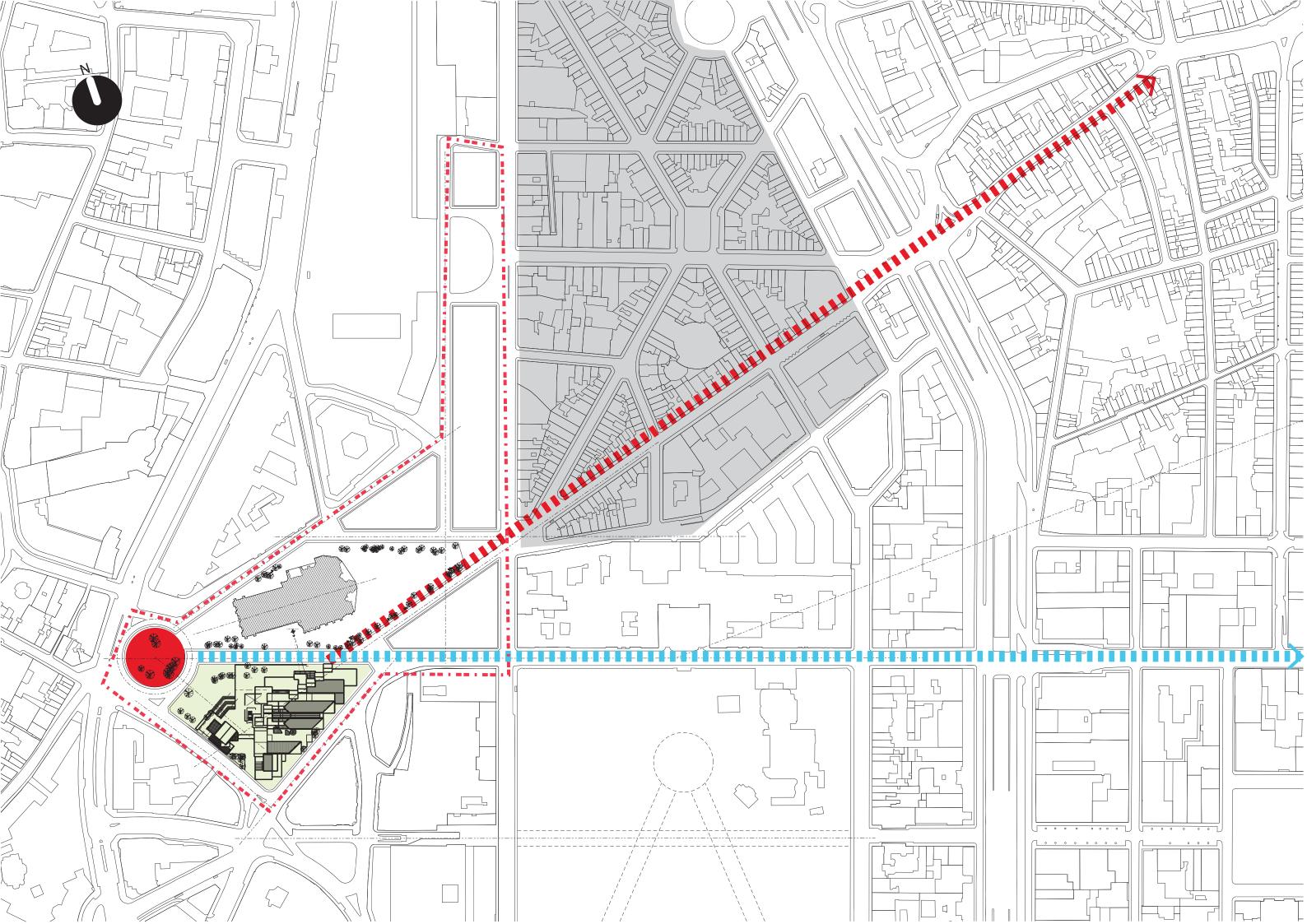


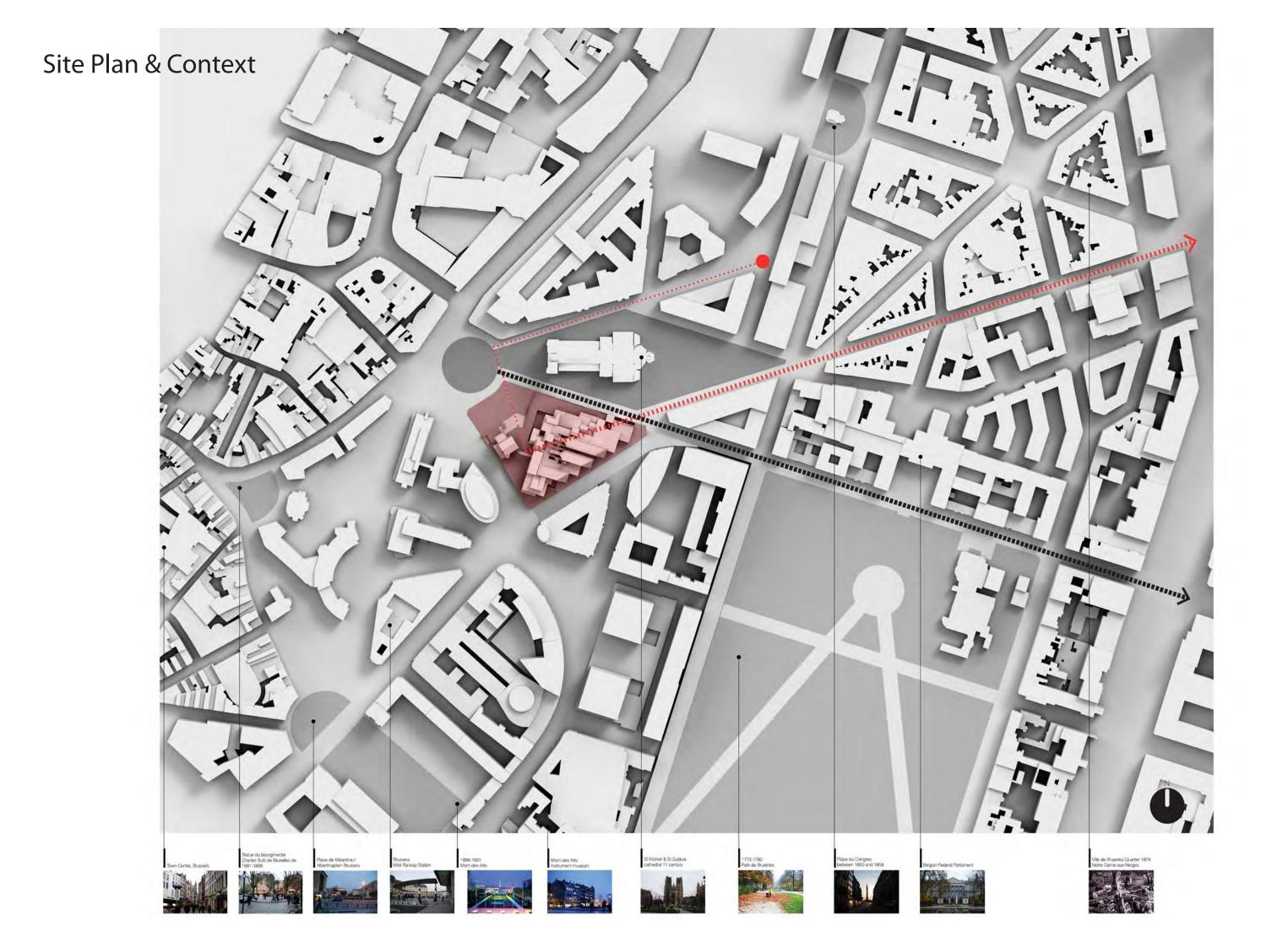


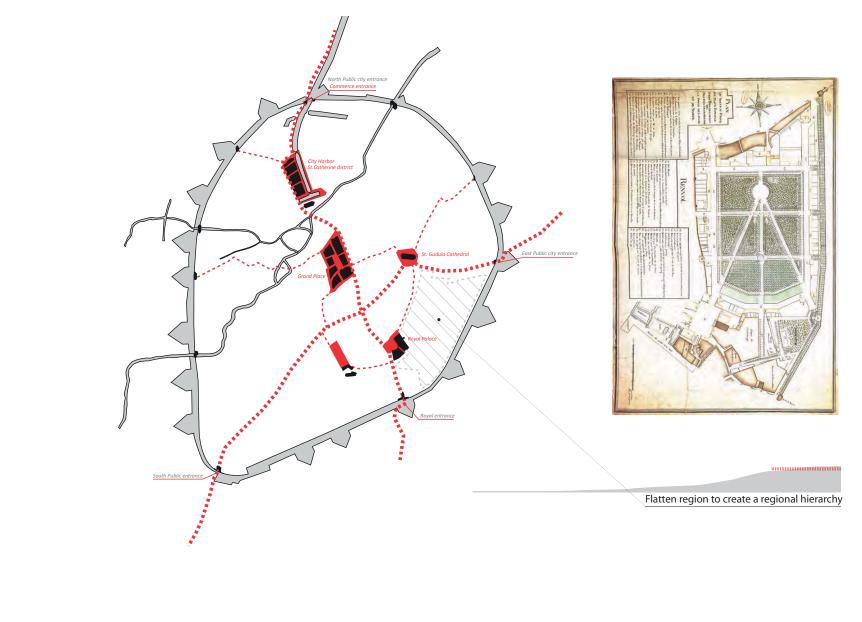


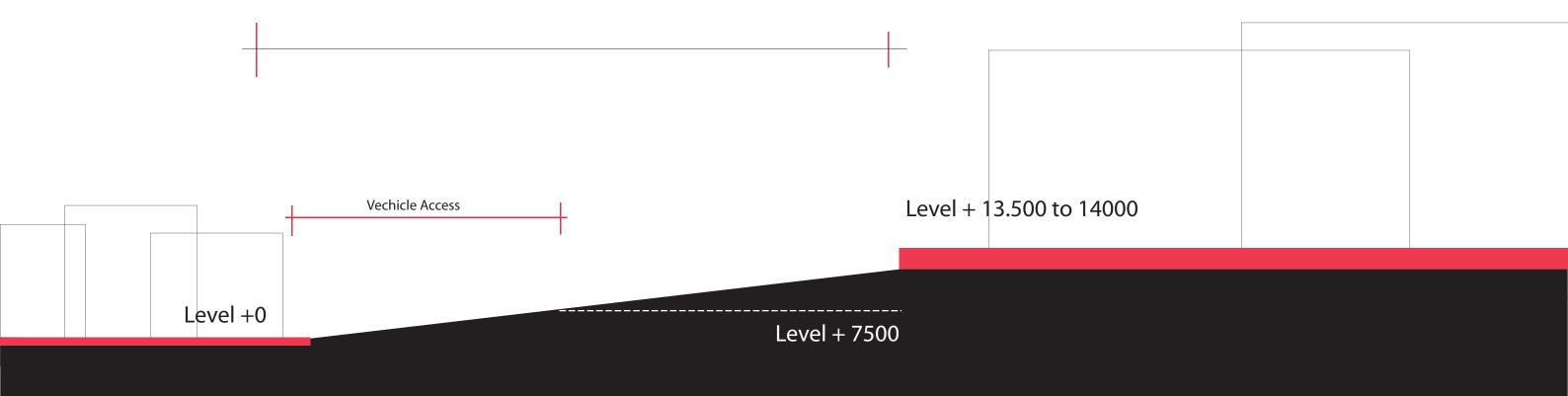








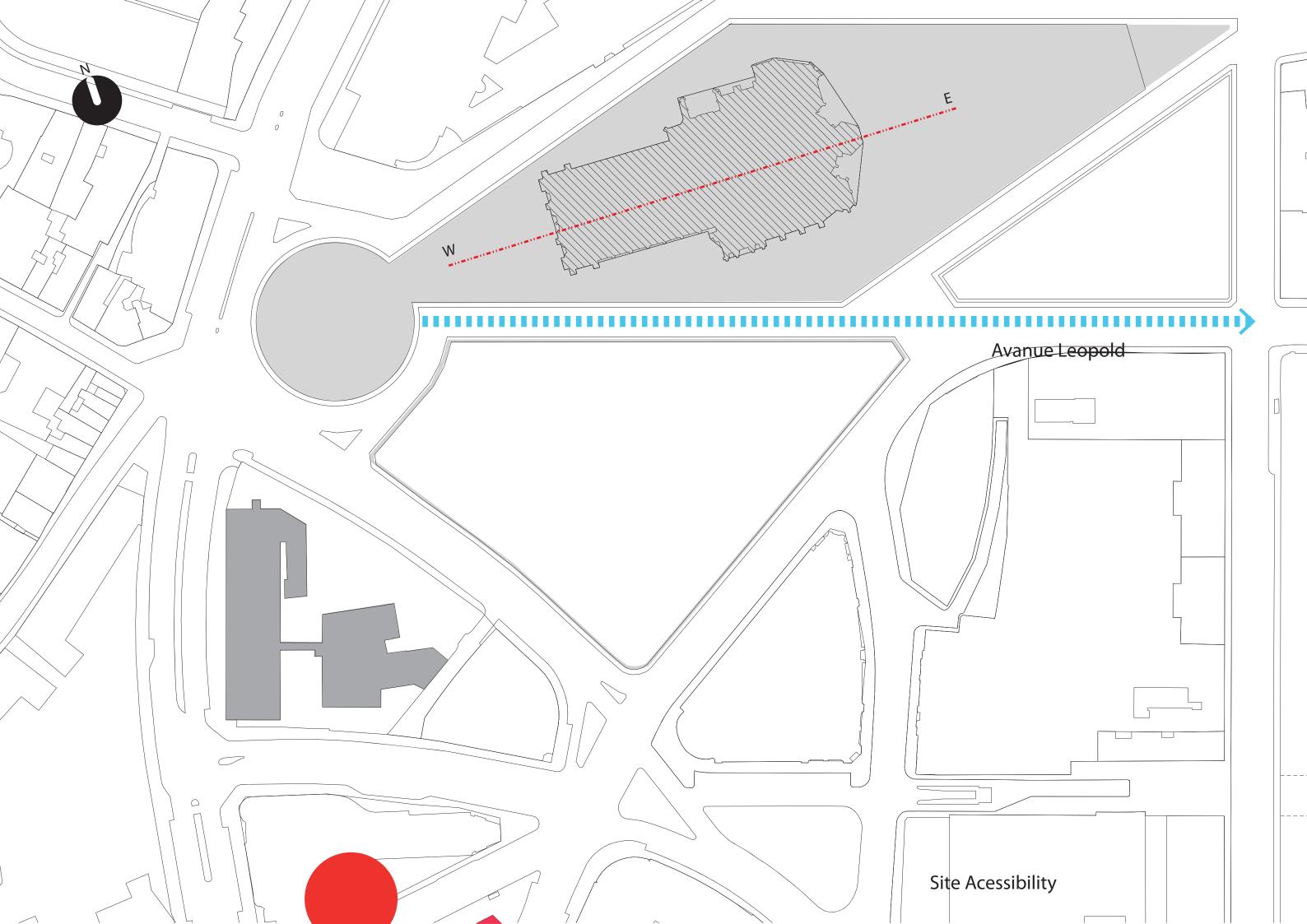


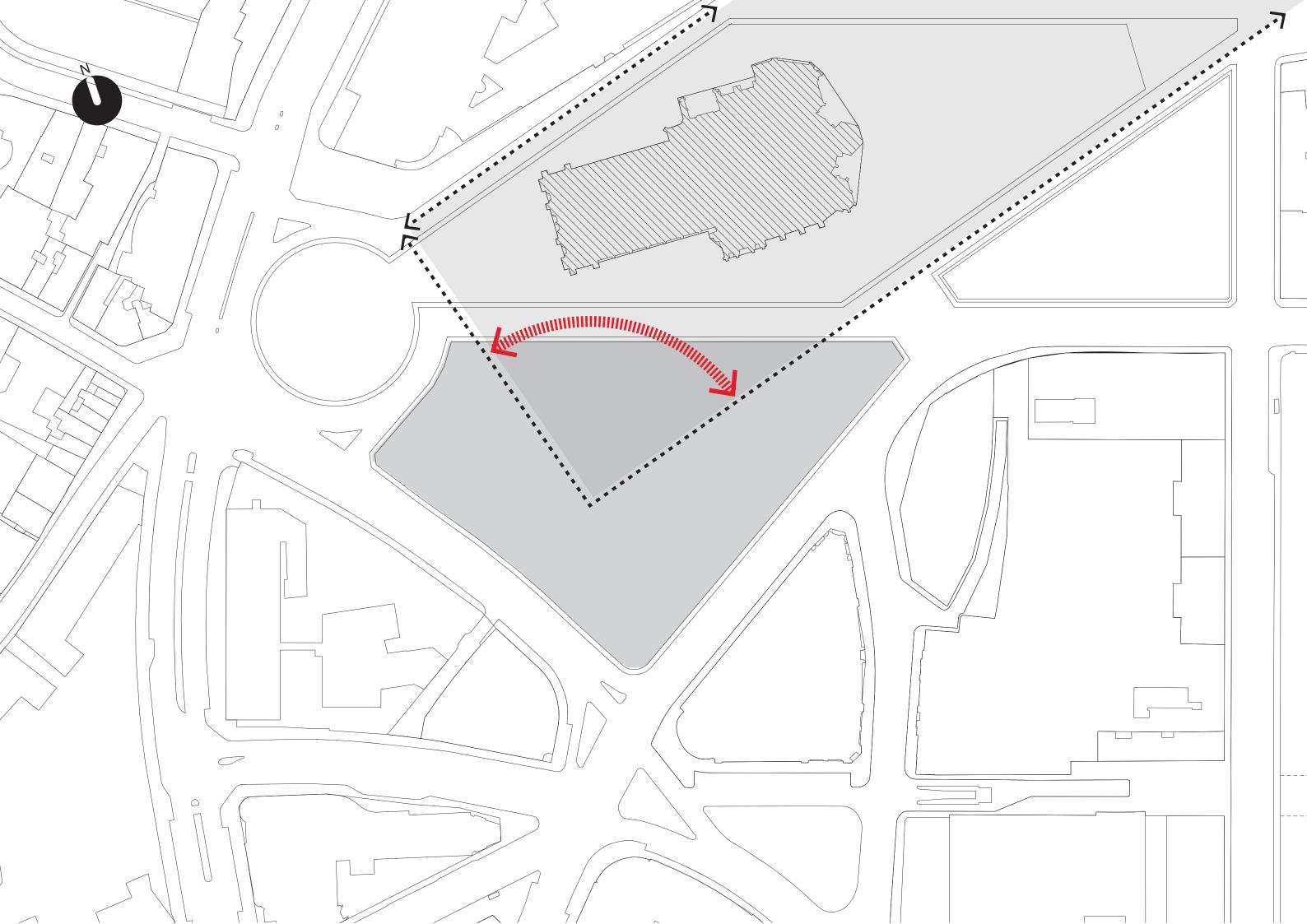


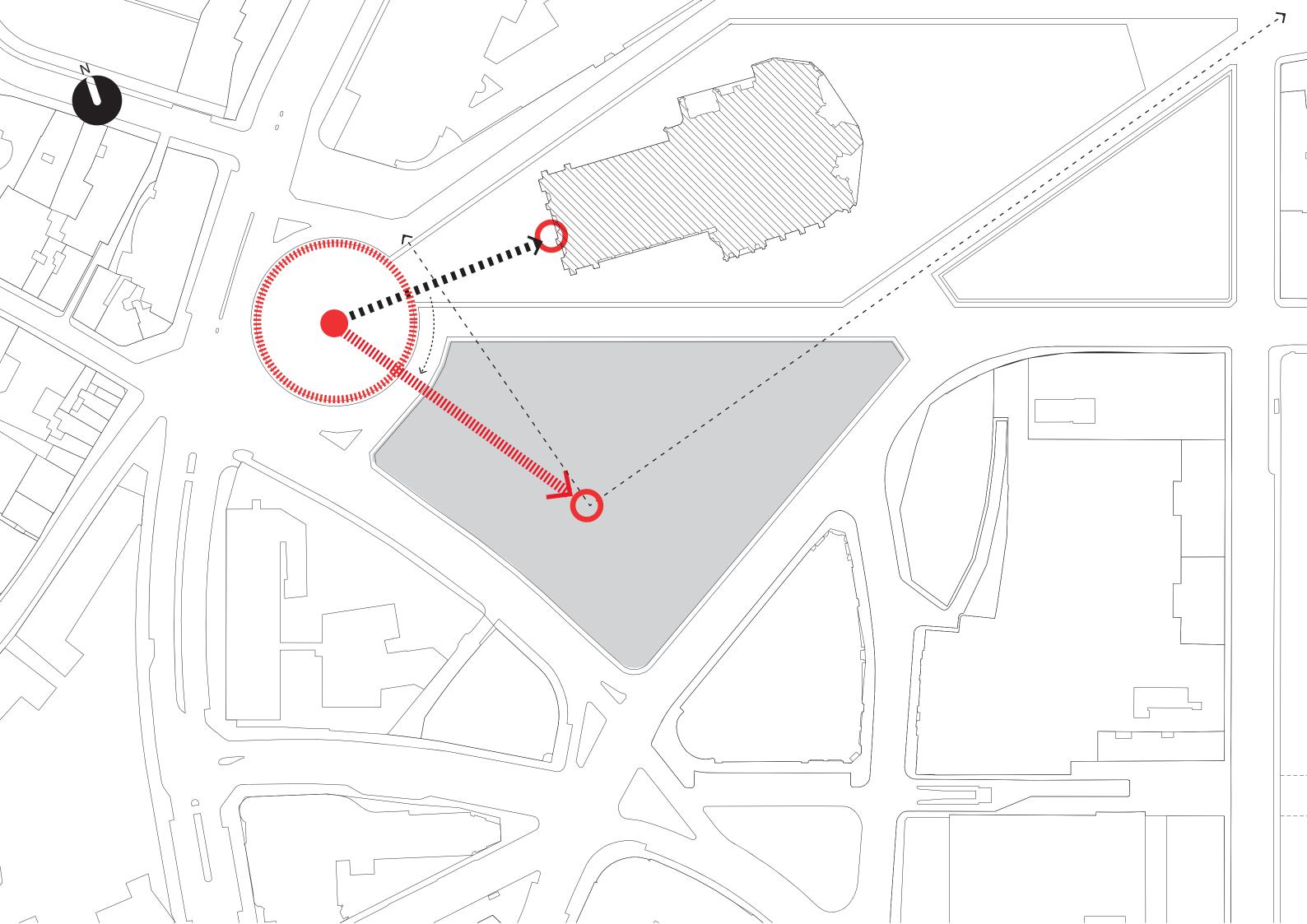
Level + 13.500 to 14000 Vechicle Access

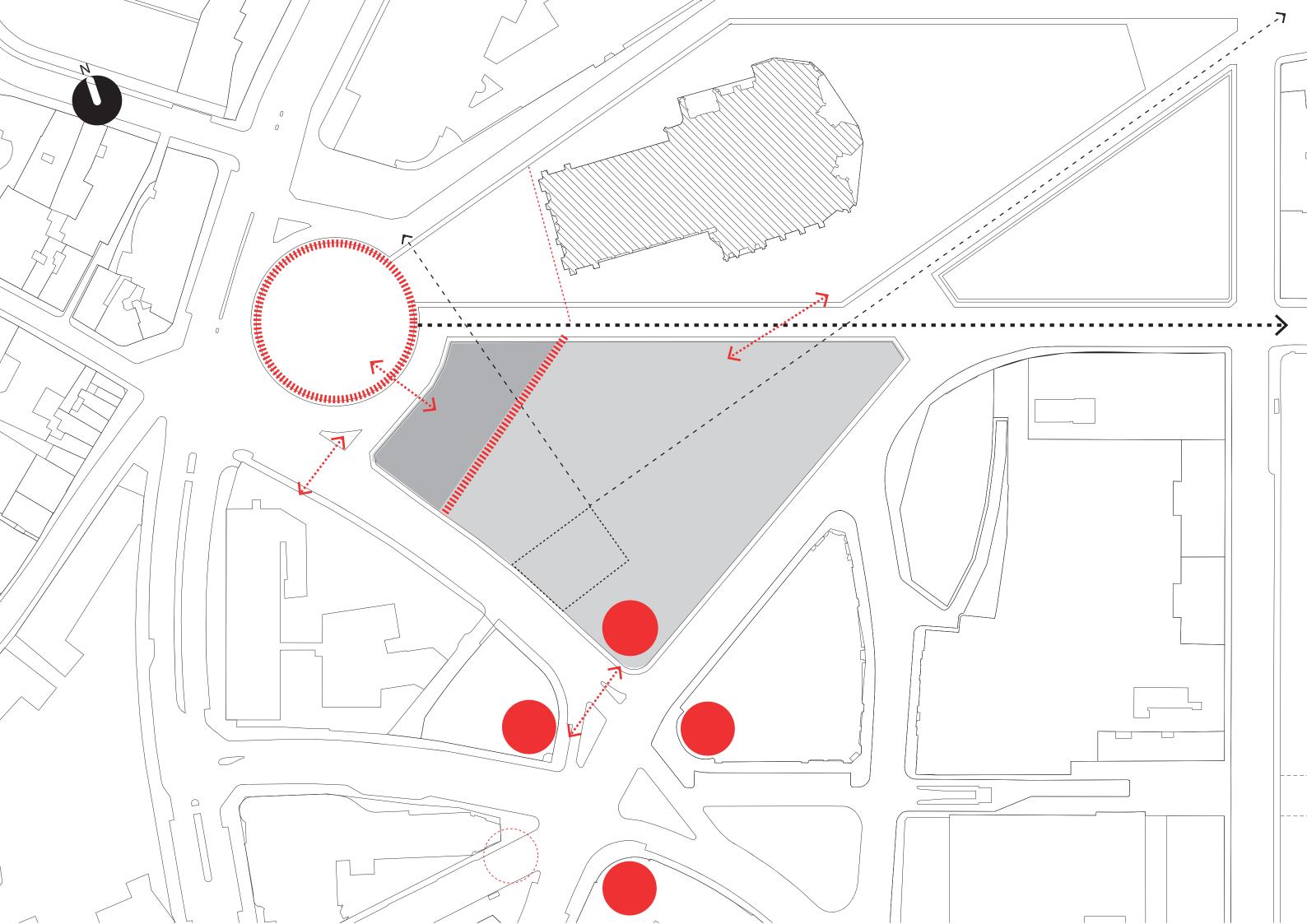
Level + 7500

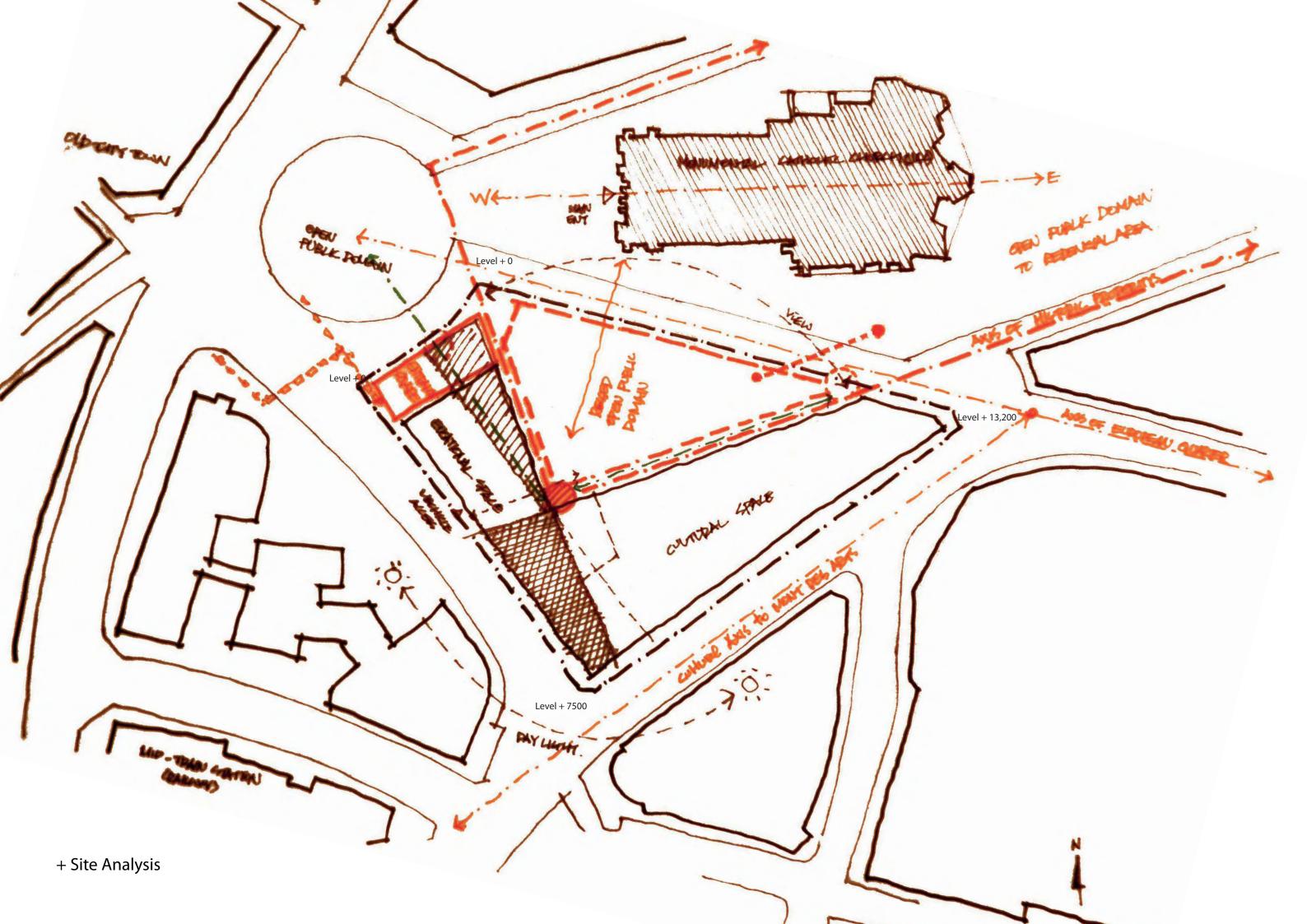
Level + 1200



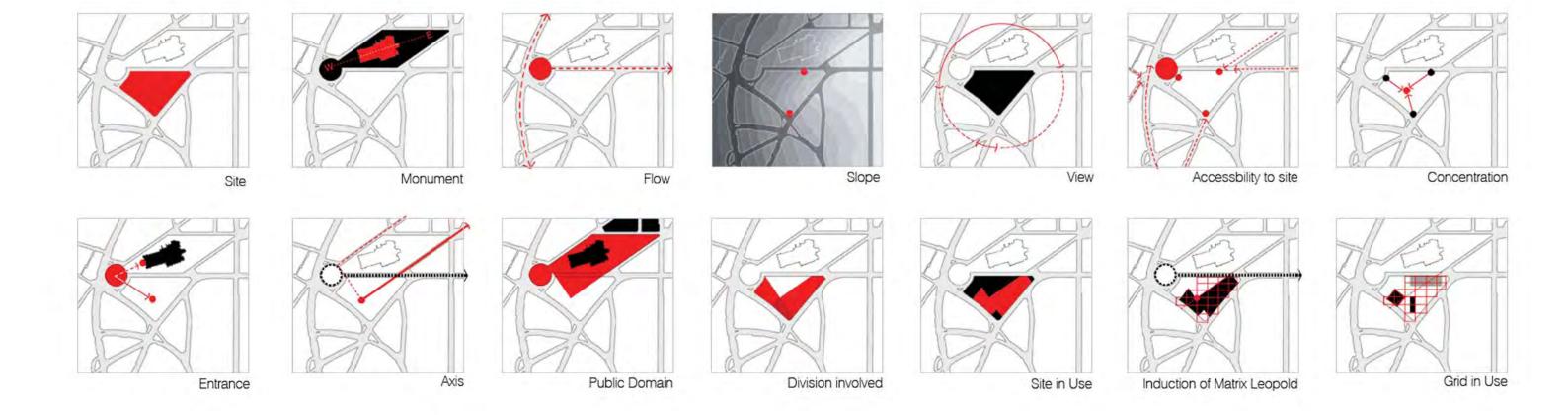






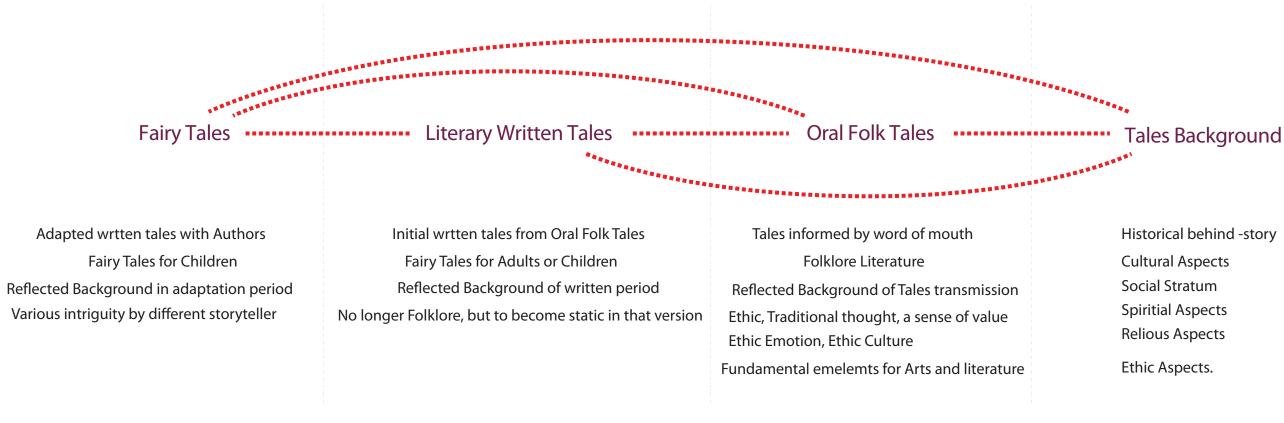


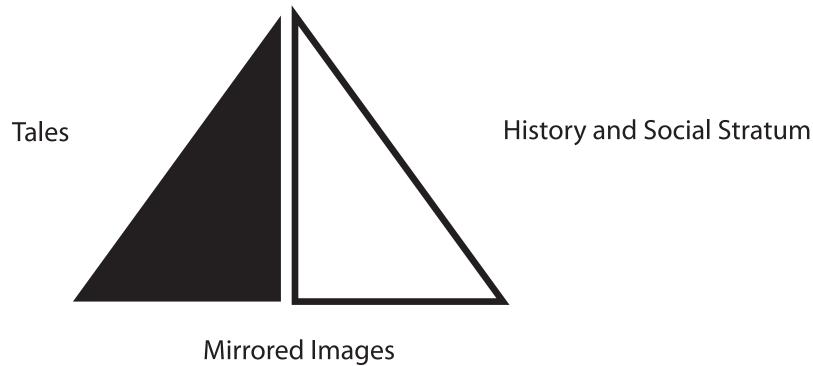
Site Analysis



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Images of Reflection





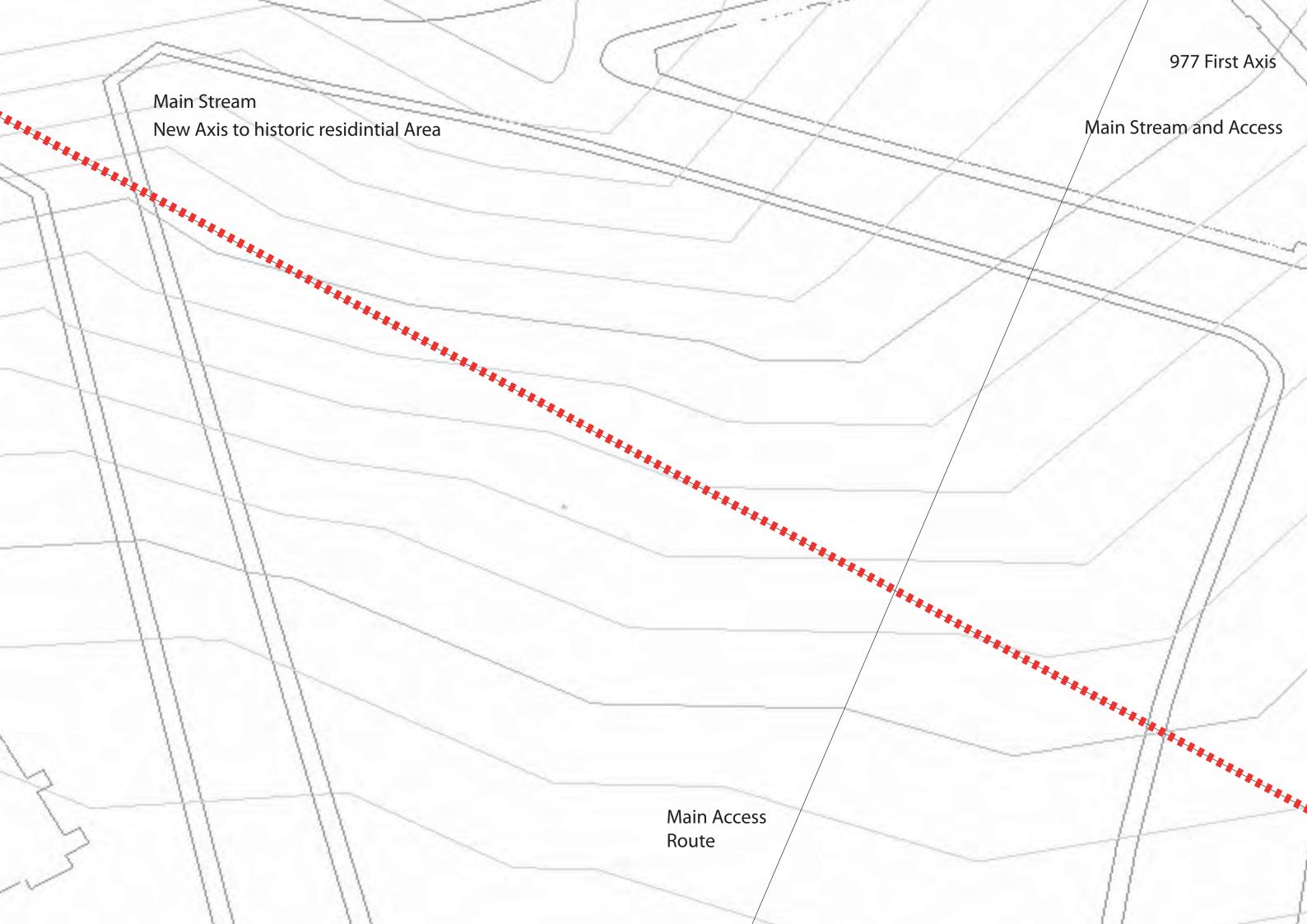
Design by Narratives

01. SCENERIOS

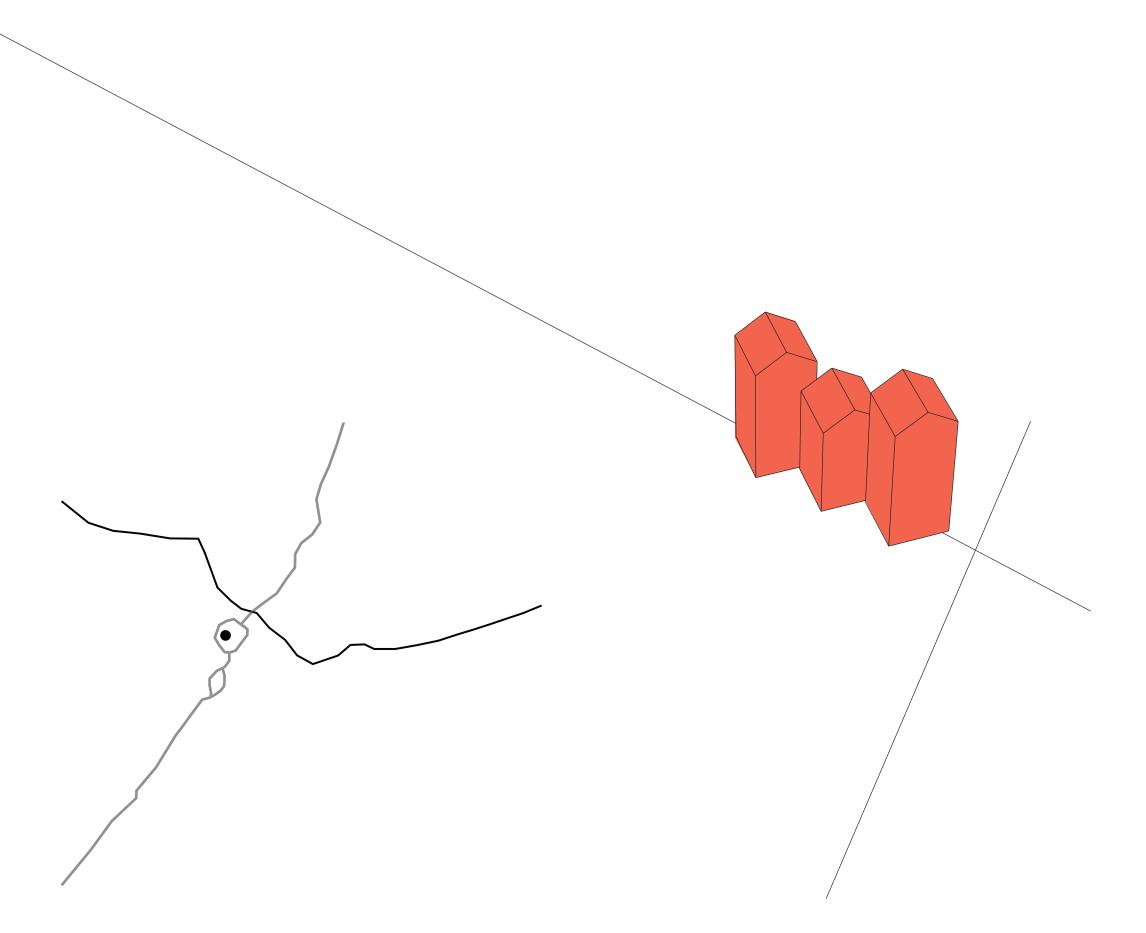
'History to be constructed as a fairy tales through Journey'

02. Setting Journey through history of Brussels

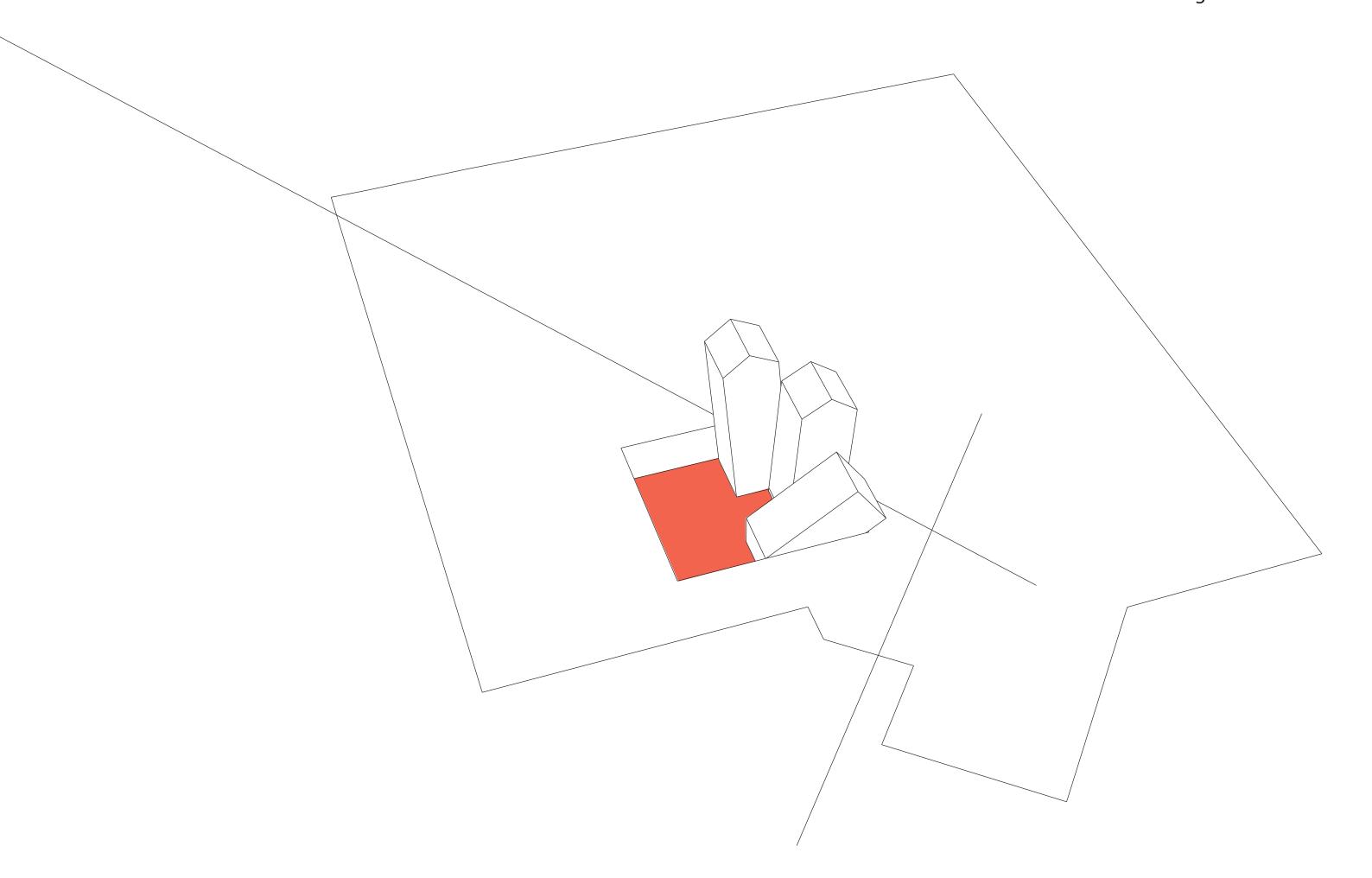
03 (F)Actors
Reflection of urban images of Local development
Increase layers to get into far deep spatial defference in Complexity
Scales (Local to Giant)
Return to Human scales



Beginning at Intersection

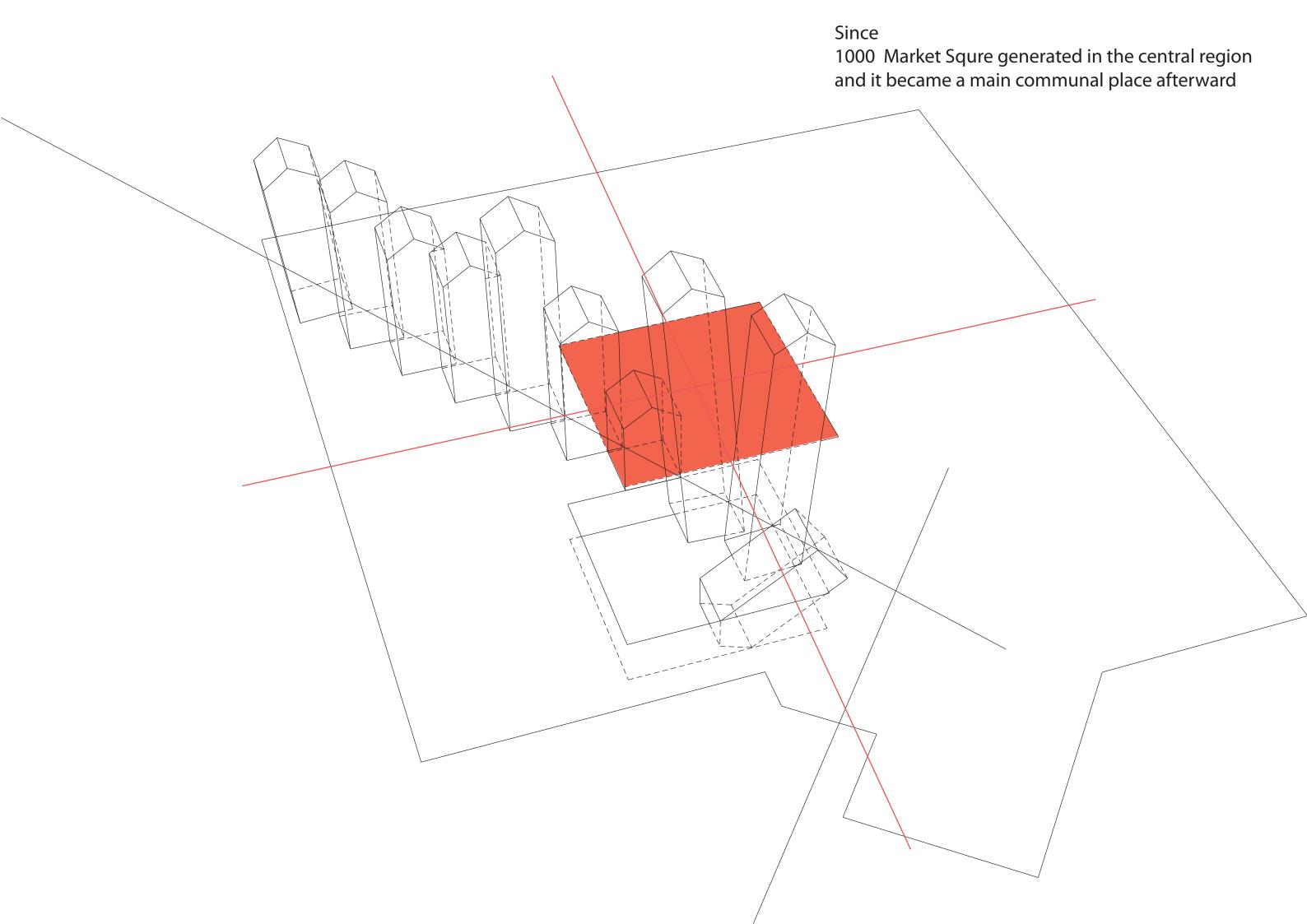


977 "Brussels" drived from a word 'Broekzele' which mean First Village on a Marsh

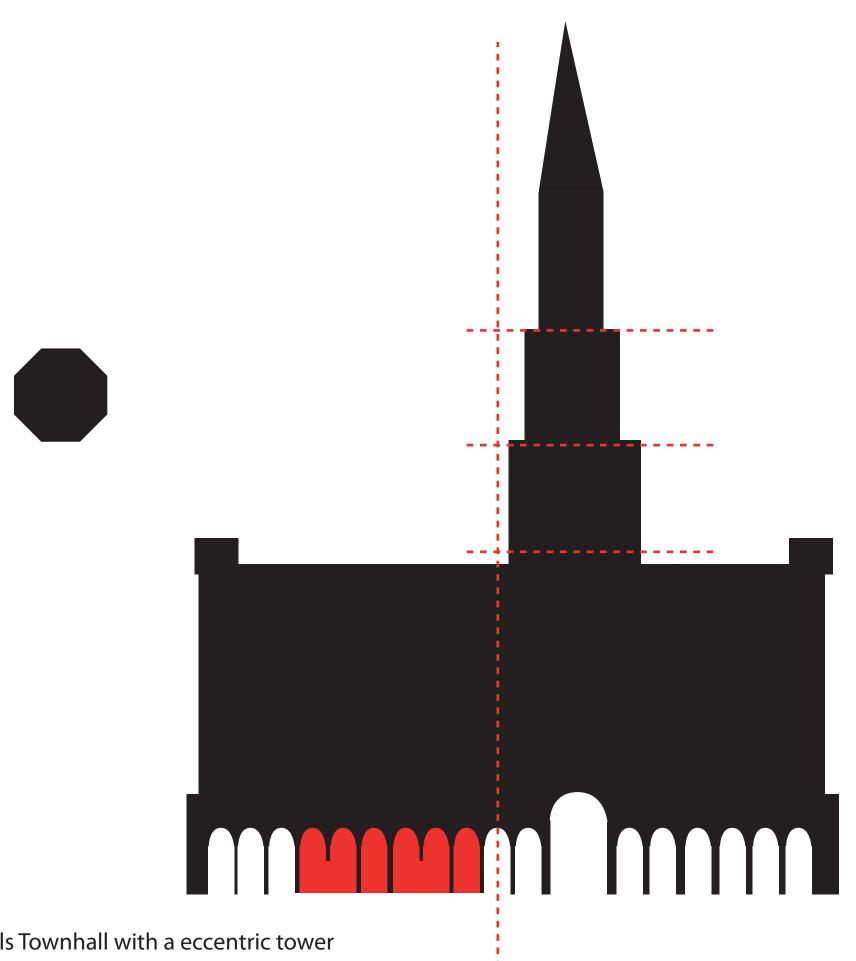


1000 Town growed along main stream toward East

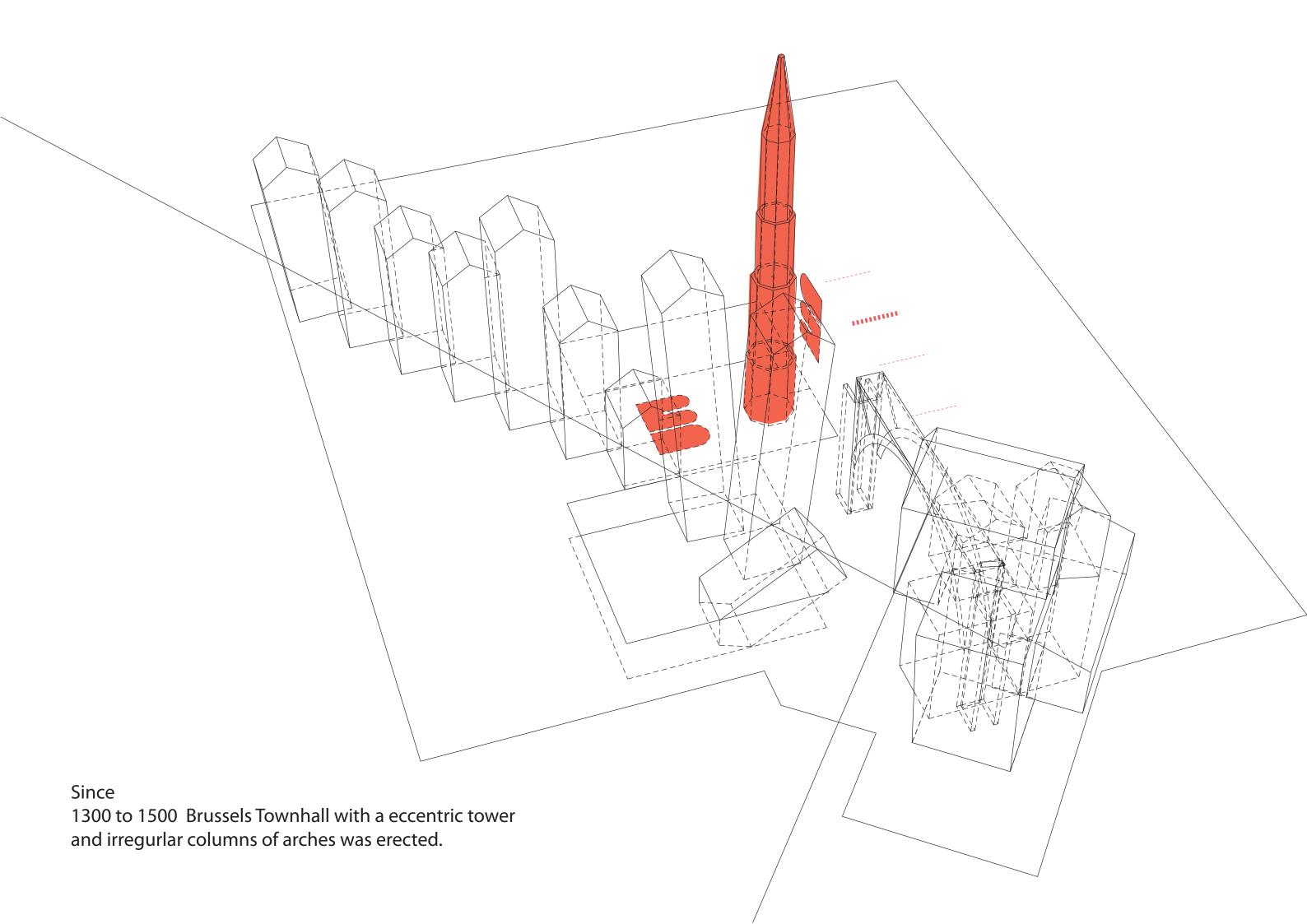
Since

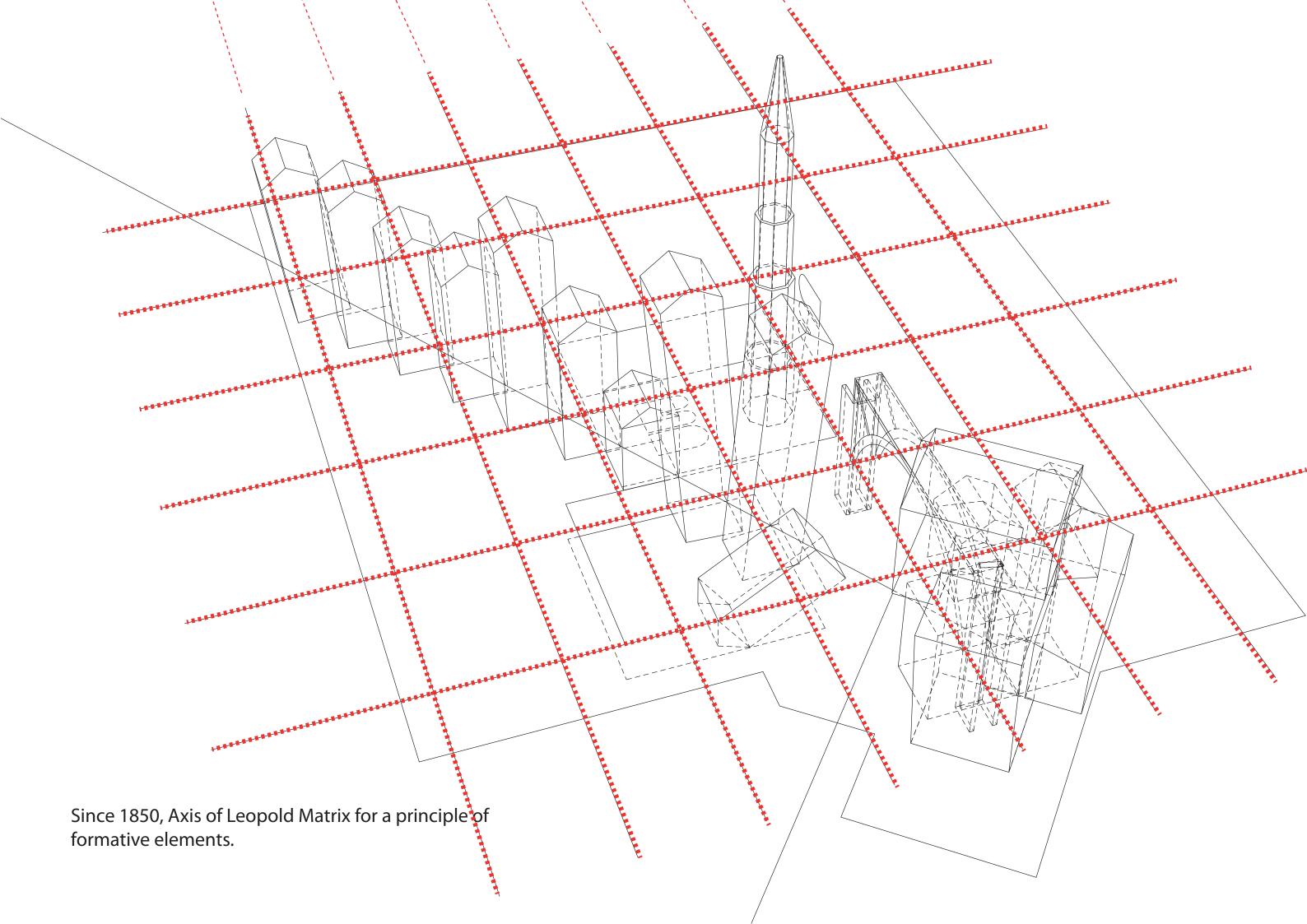


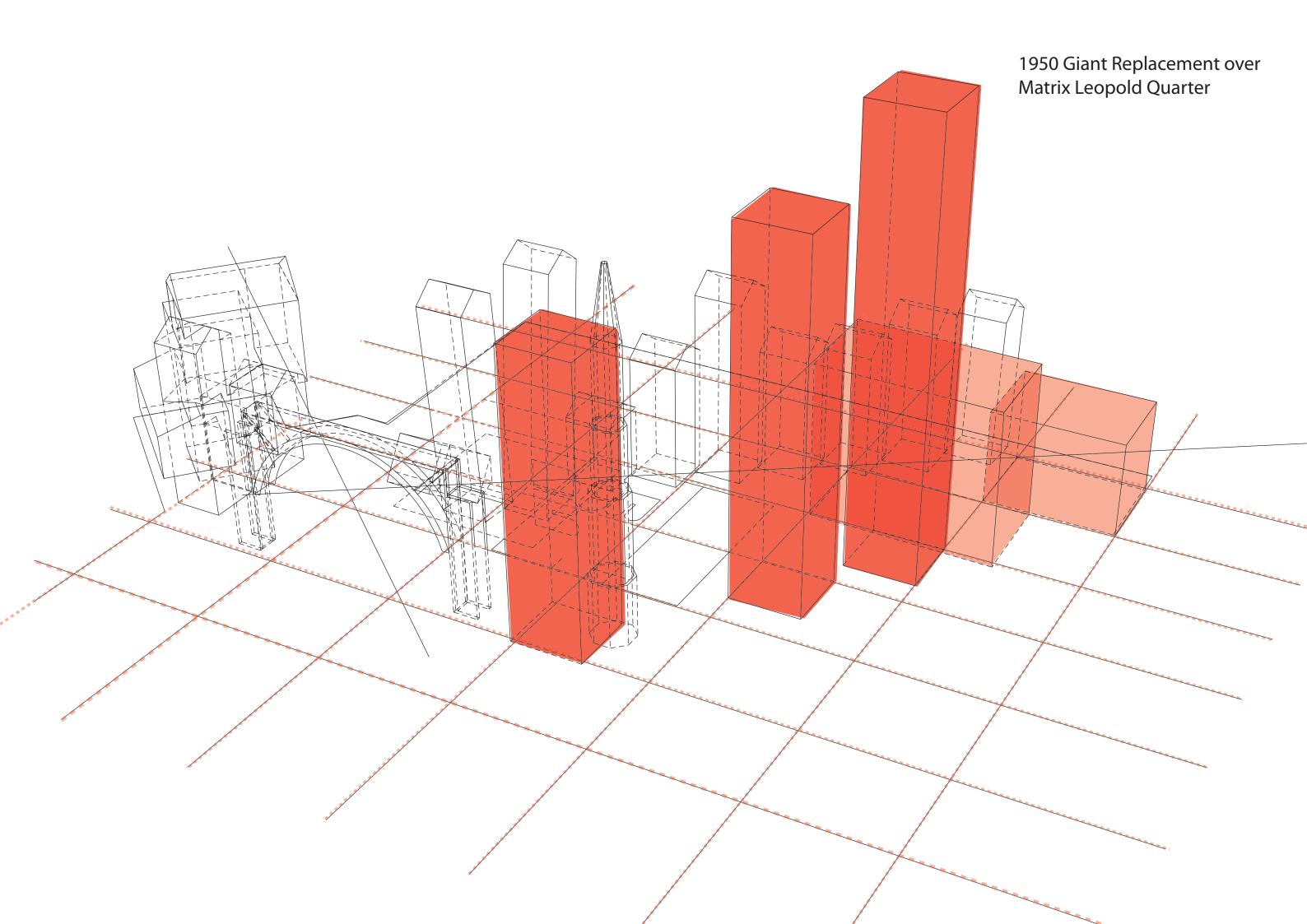
Since 1000 Market Squre generated in the central region and it became a main communal place afterward

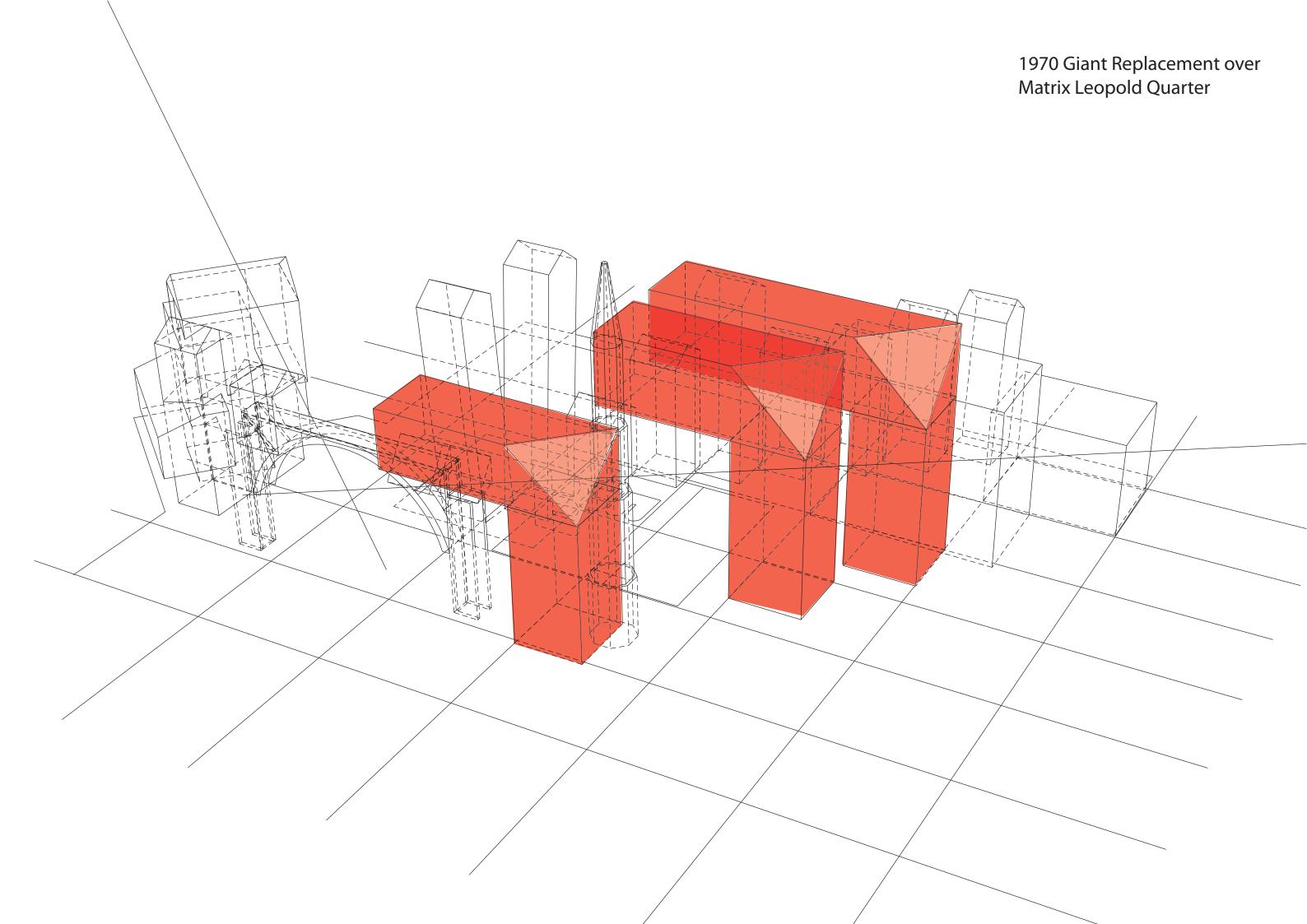


Since 1300 to 1500 Brussels Townhall with a eccentric tower and irregurlar columns of arches was erected.







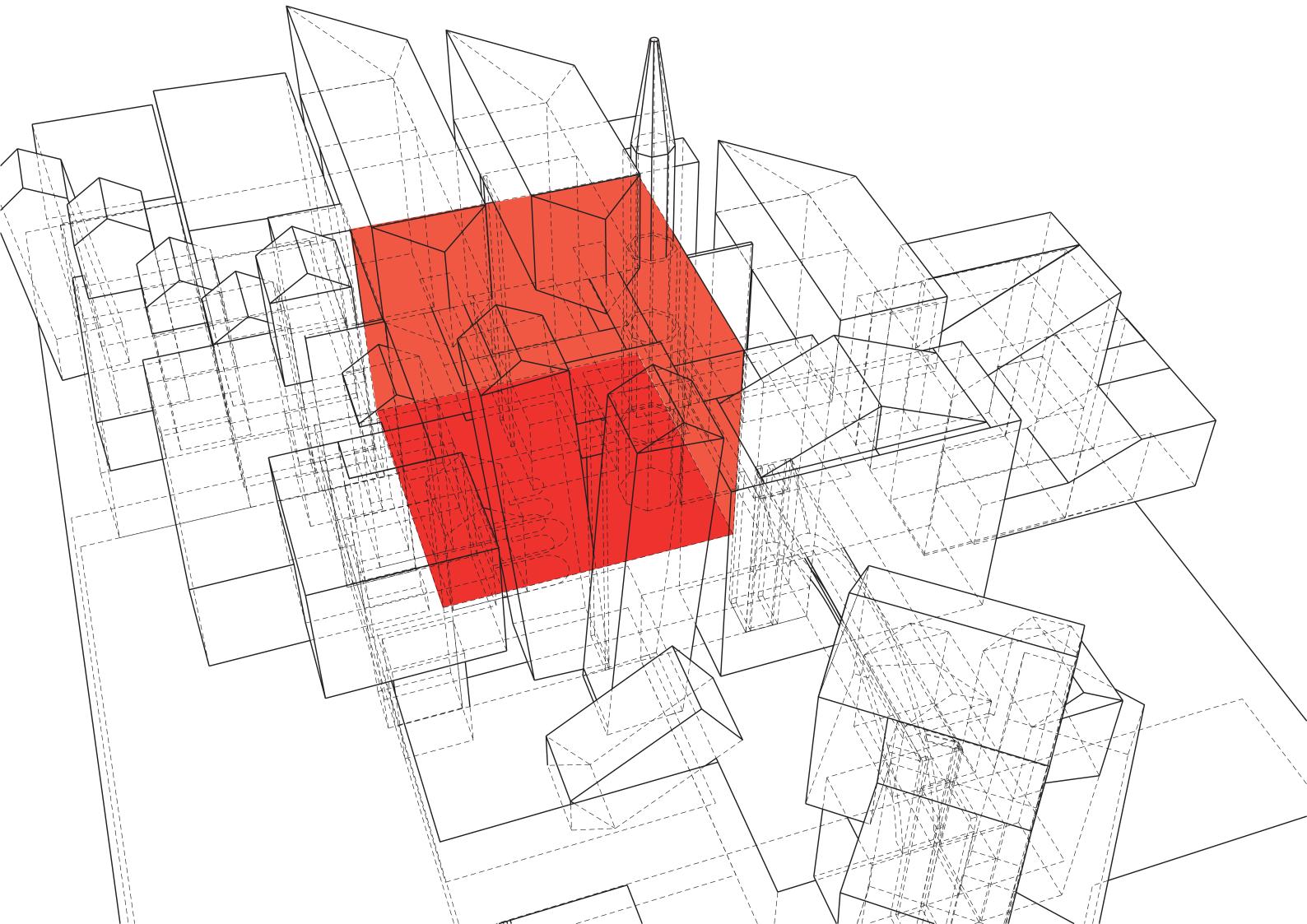


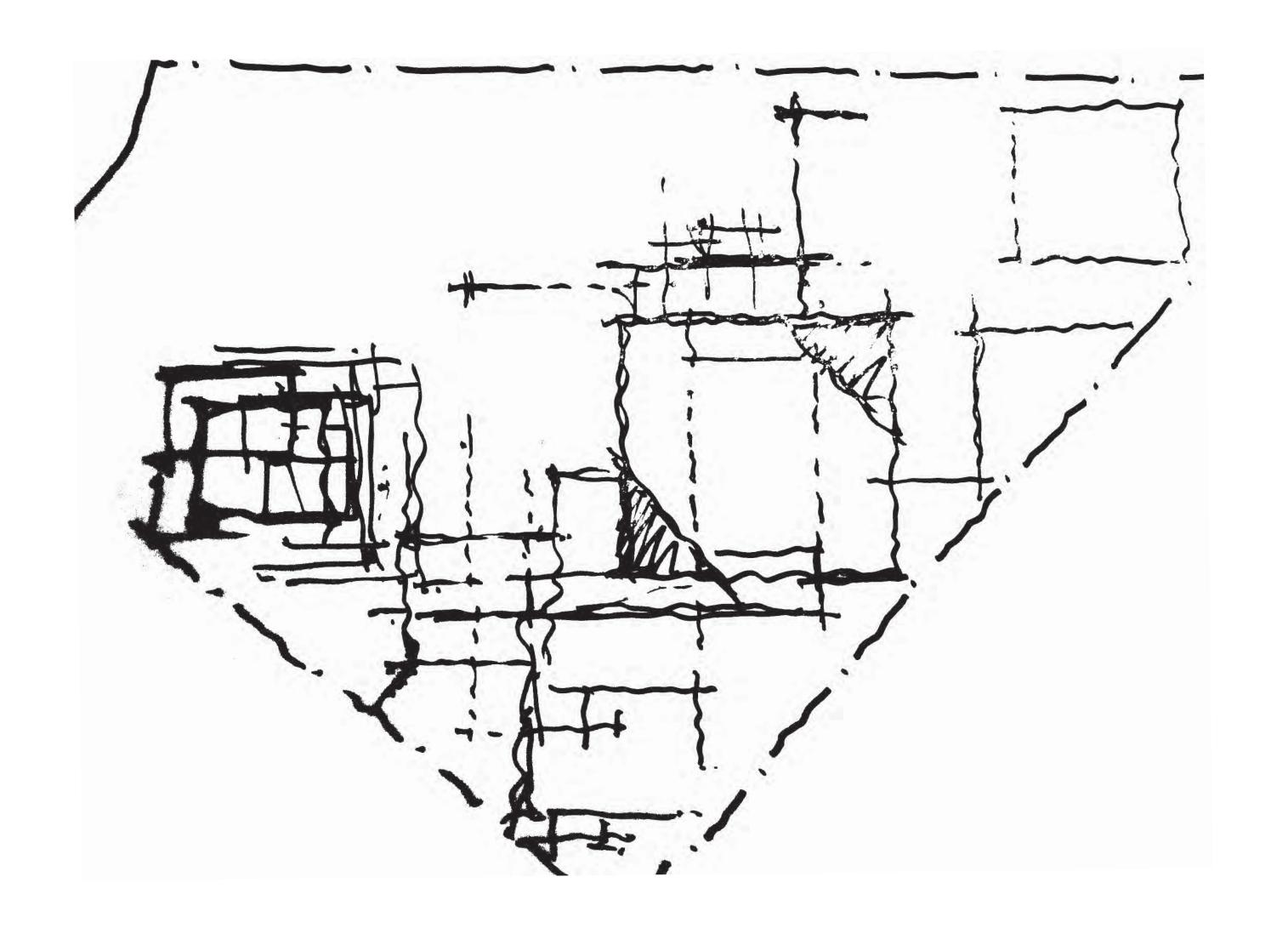
Connectivity inbetween Human scale of residential with overgrown Giant scale

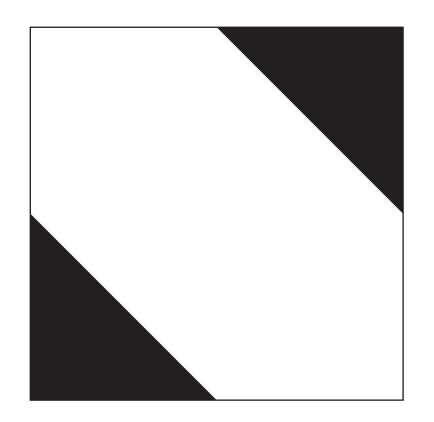


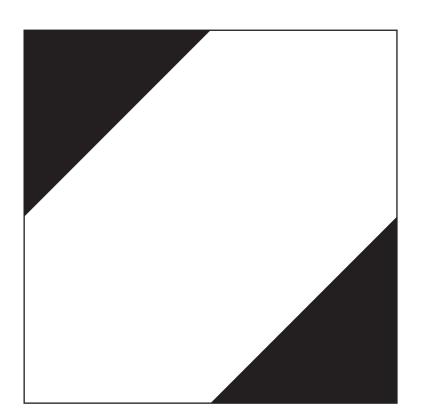


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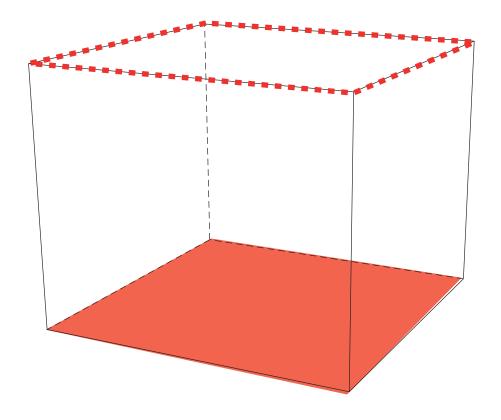


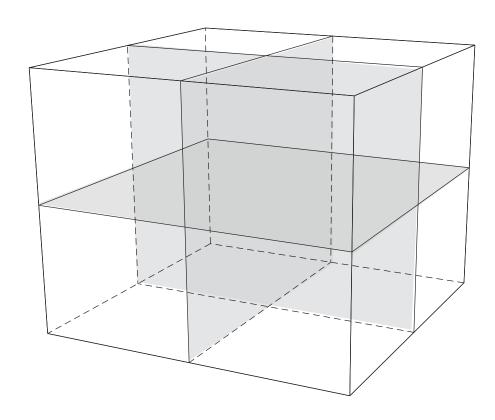






Parti_Plan Parti_Section

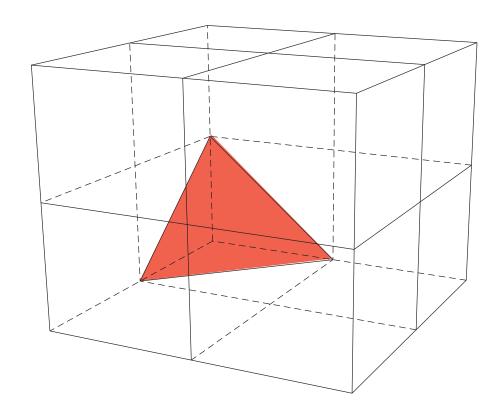


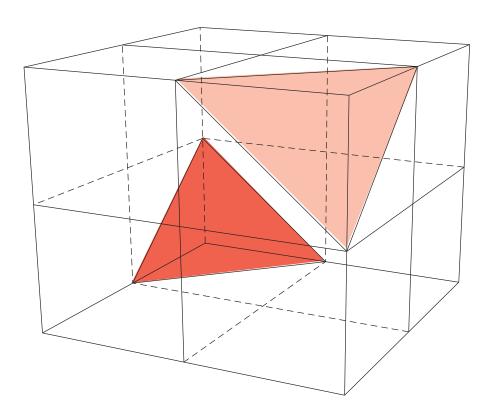


Creation of Fundamental

Fundamental Sub divisions in X,Y,Z axises

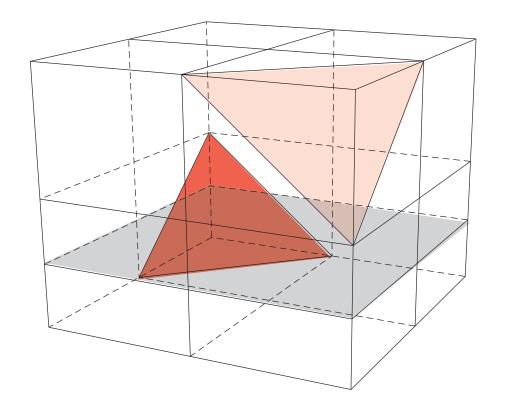
Layers are used as a fundamental spatial design element in complexity.

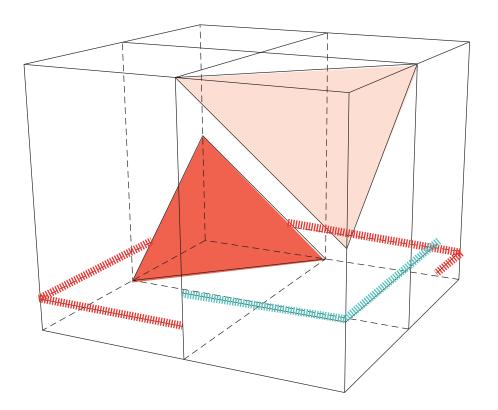




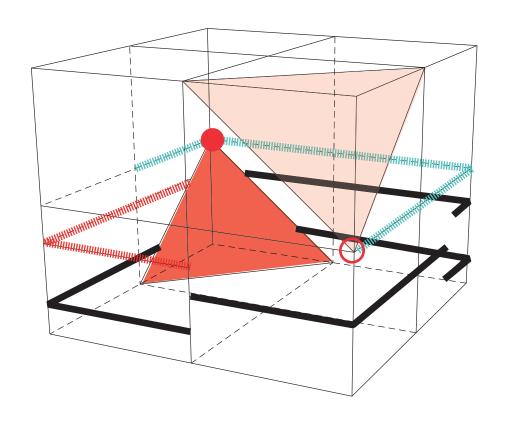
Main Access Bottom Part

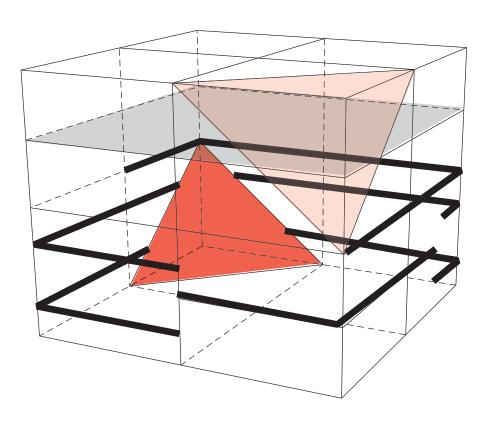
Fliped stiar connection is designed at a bottem conner area

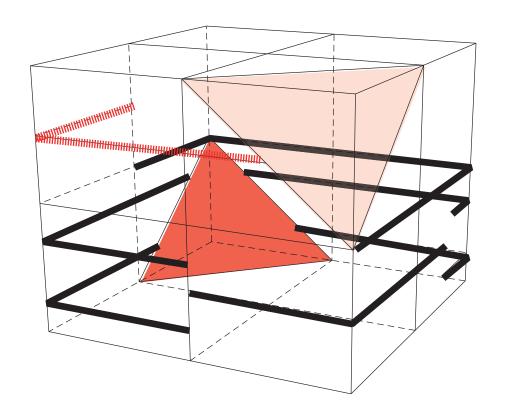


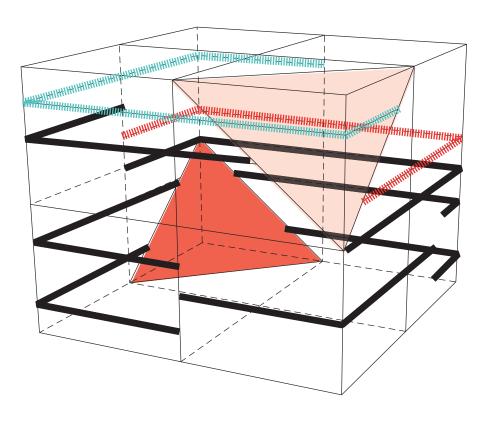


Horizontal Layers

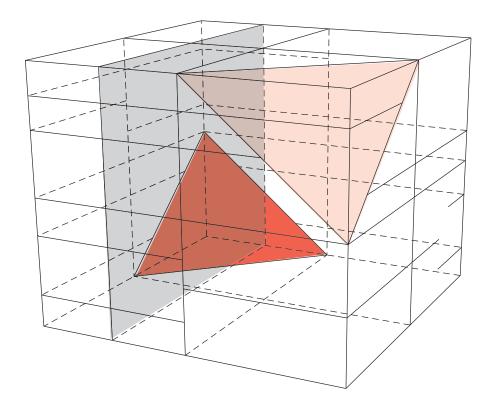






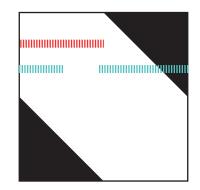


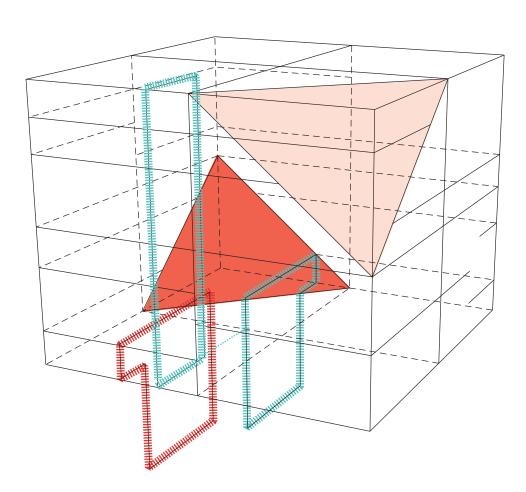




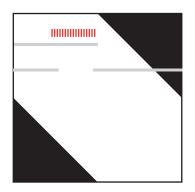
Vertical Layers arranged on one side

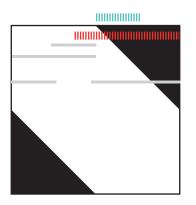
Vertical Layers along Y Axis

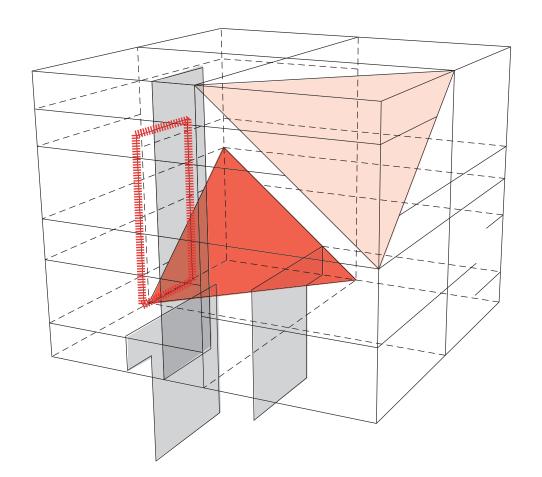


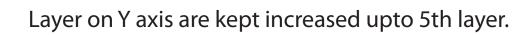


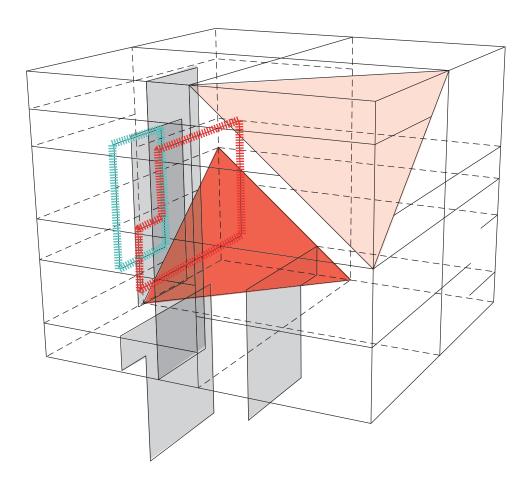
Layers spilited up into two in order to provide it with spatial depth



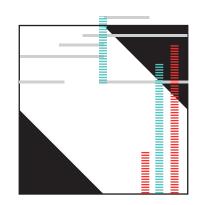


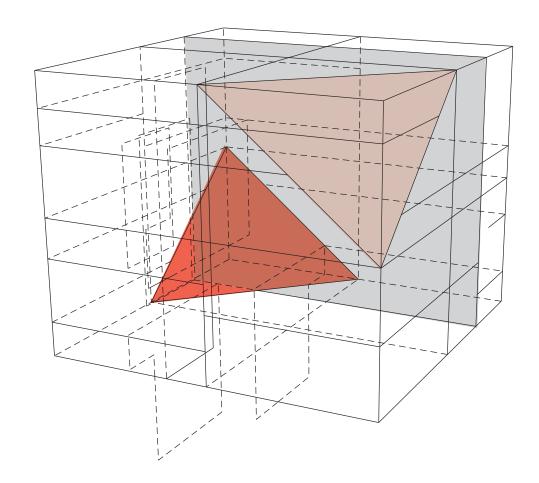




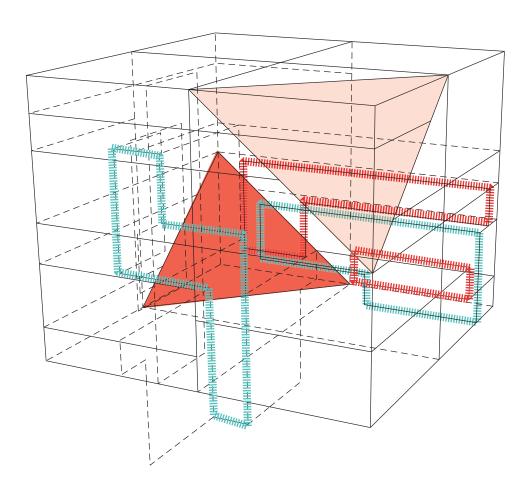


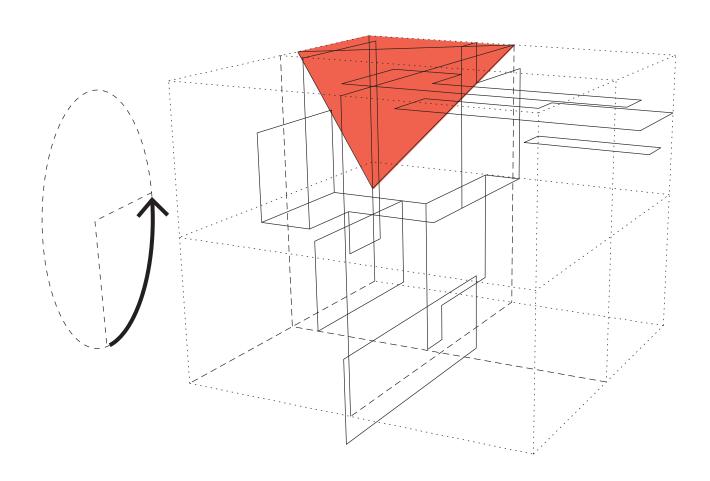


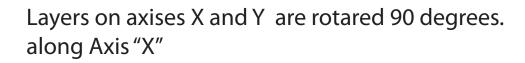


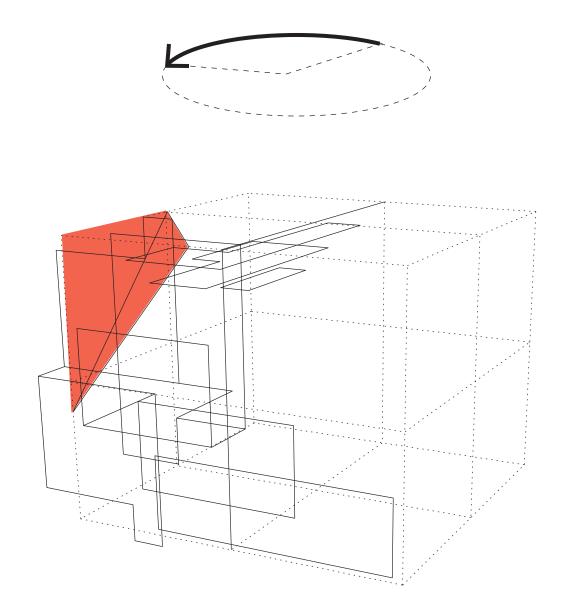


Layer on X axis are kept increased

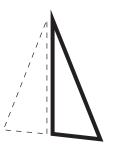


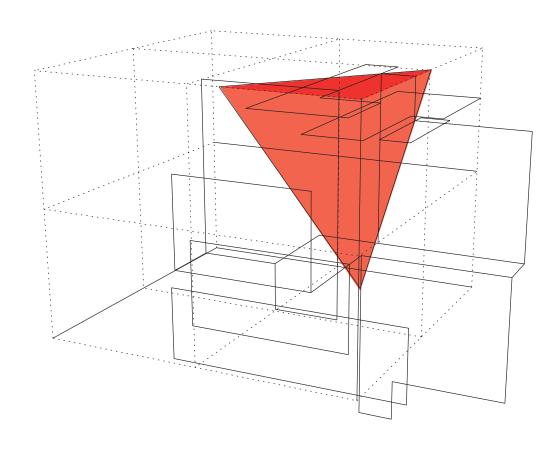




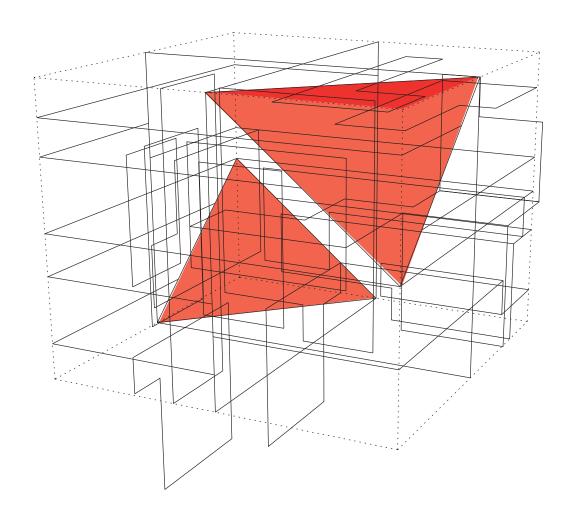


Rotated Layers are rotated 90 degrees along Axis "Z"



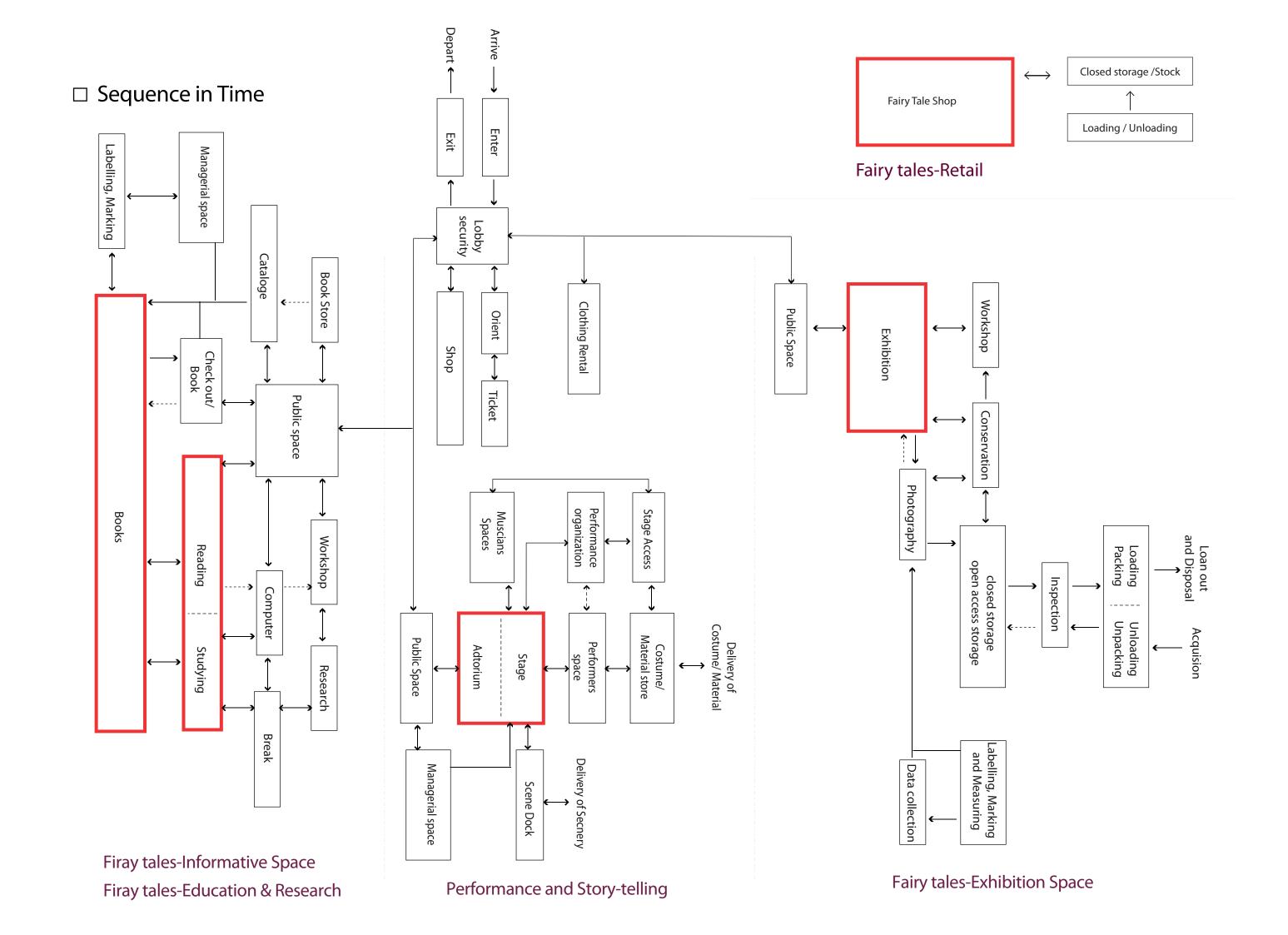


Layers which rotated along X and Z Axis flipped along axis Y.

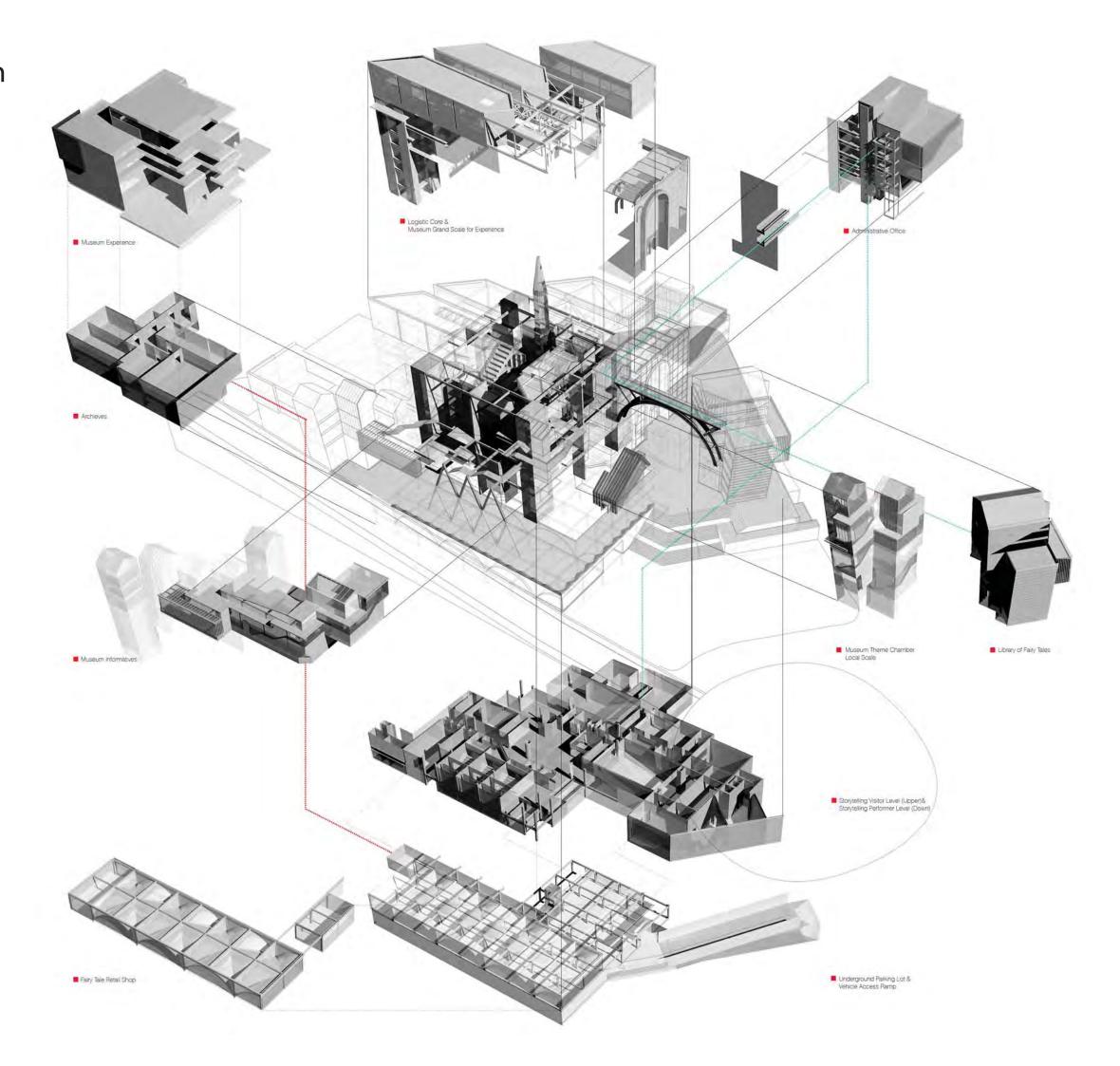


Two main access cores are organised. which provide space with spatially mirrored plans.
Section become plan, wihch becamed mirrored plan

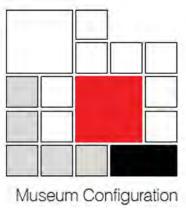
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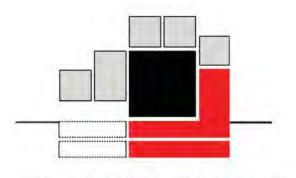


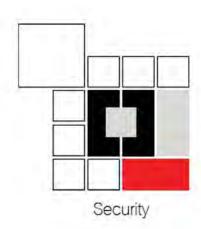
Composition



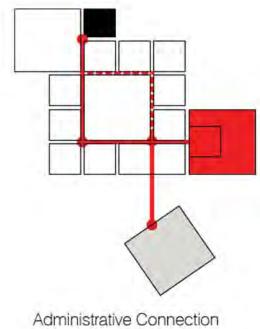
Composition

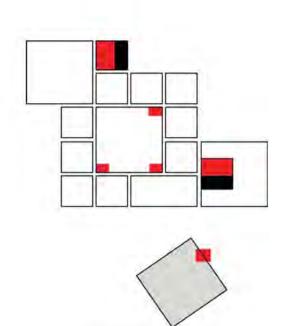


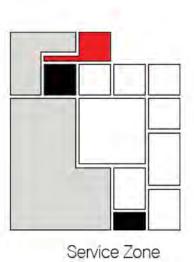




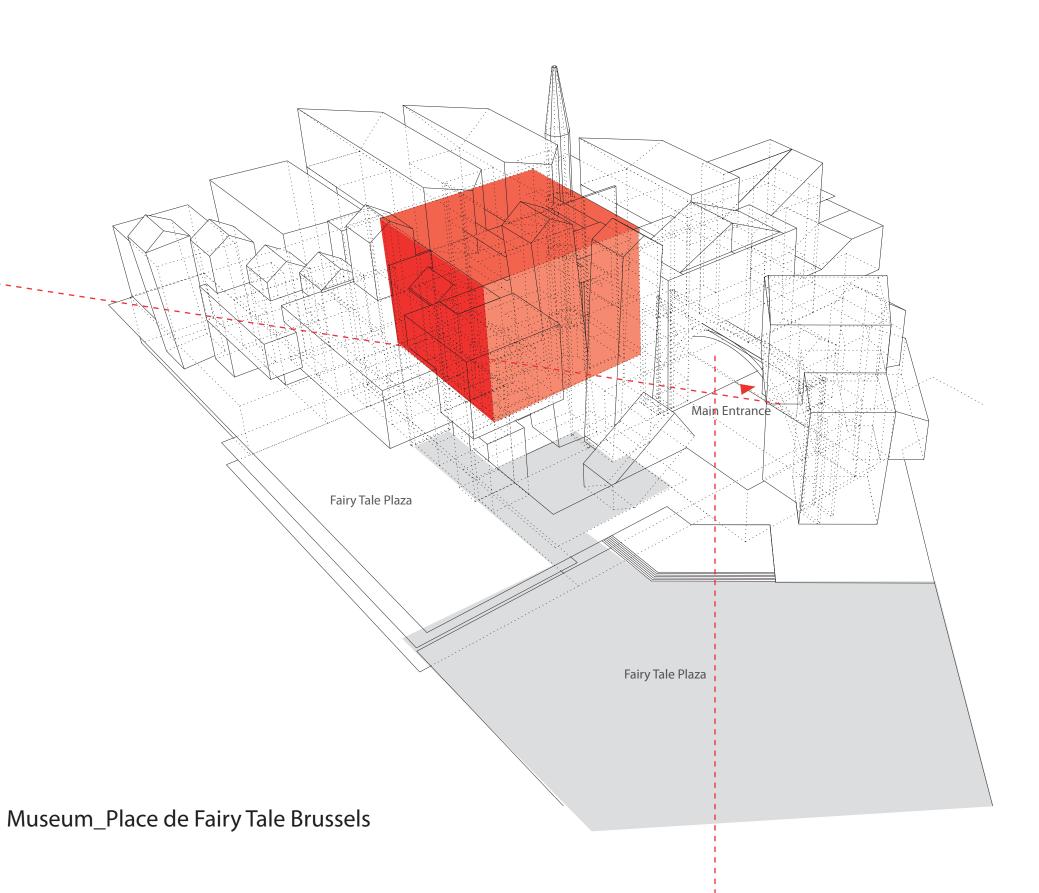
Story Telling Sectional Configuration

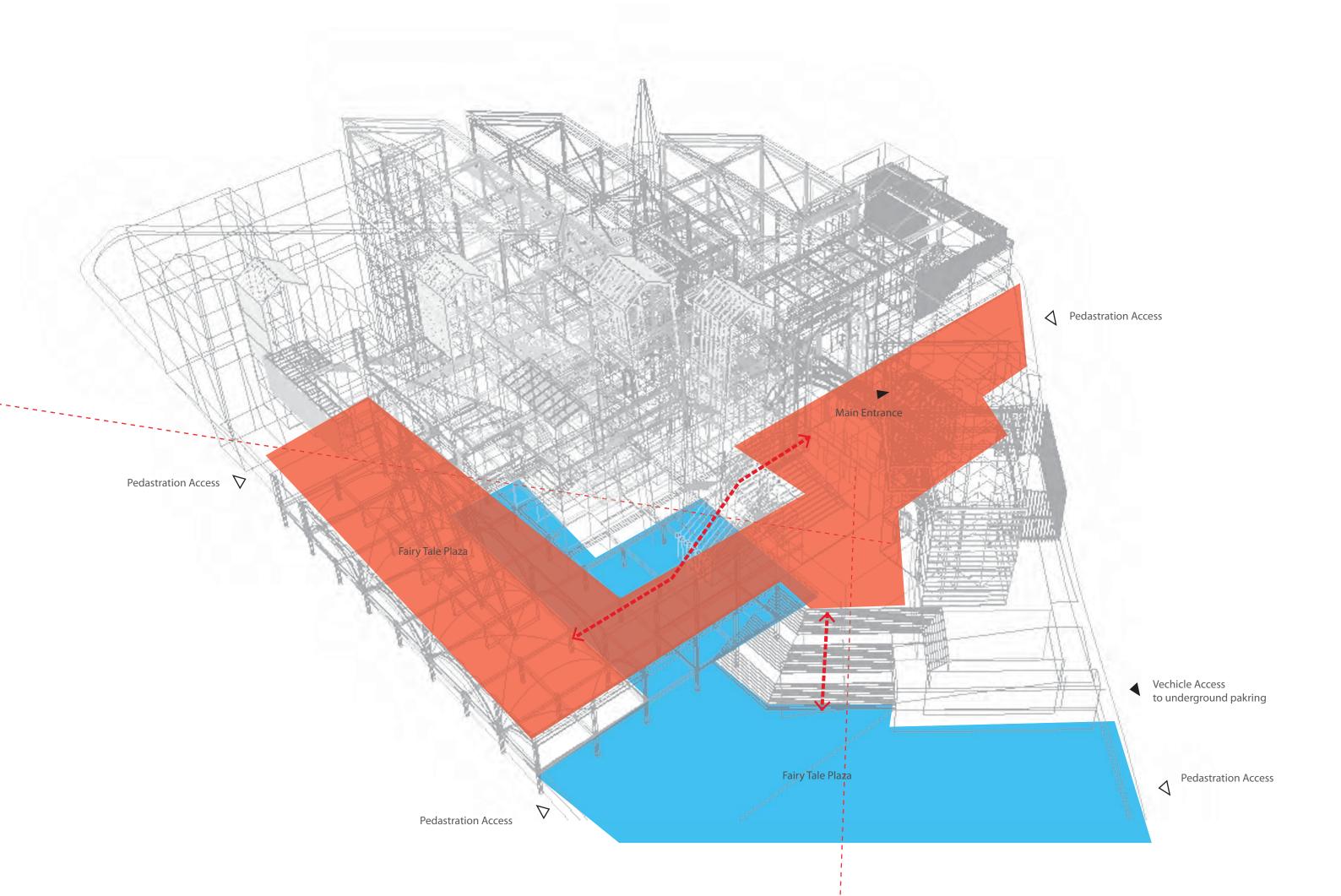


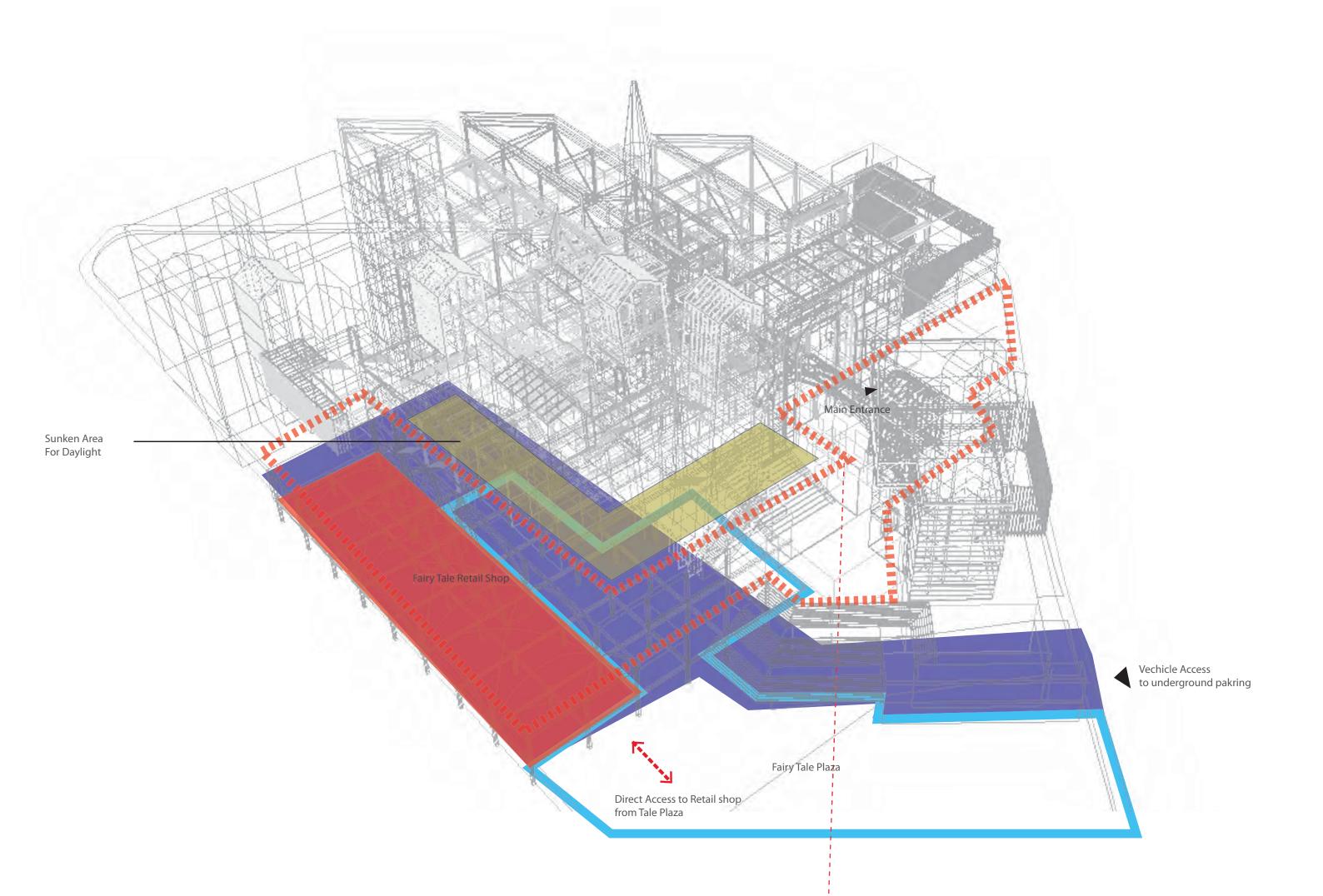


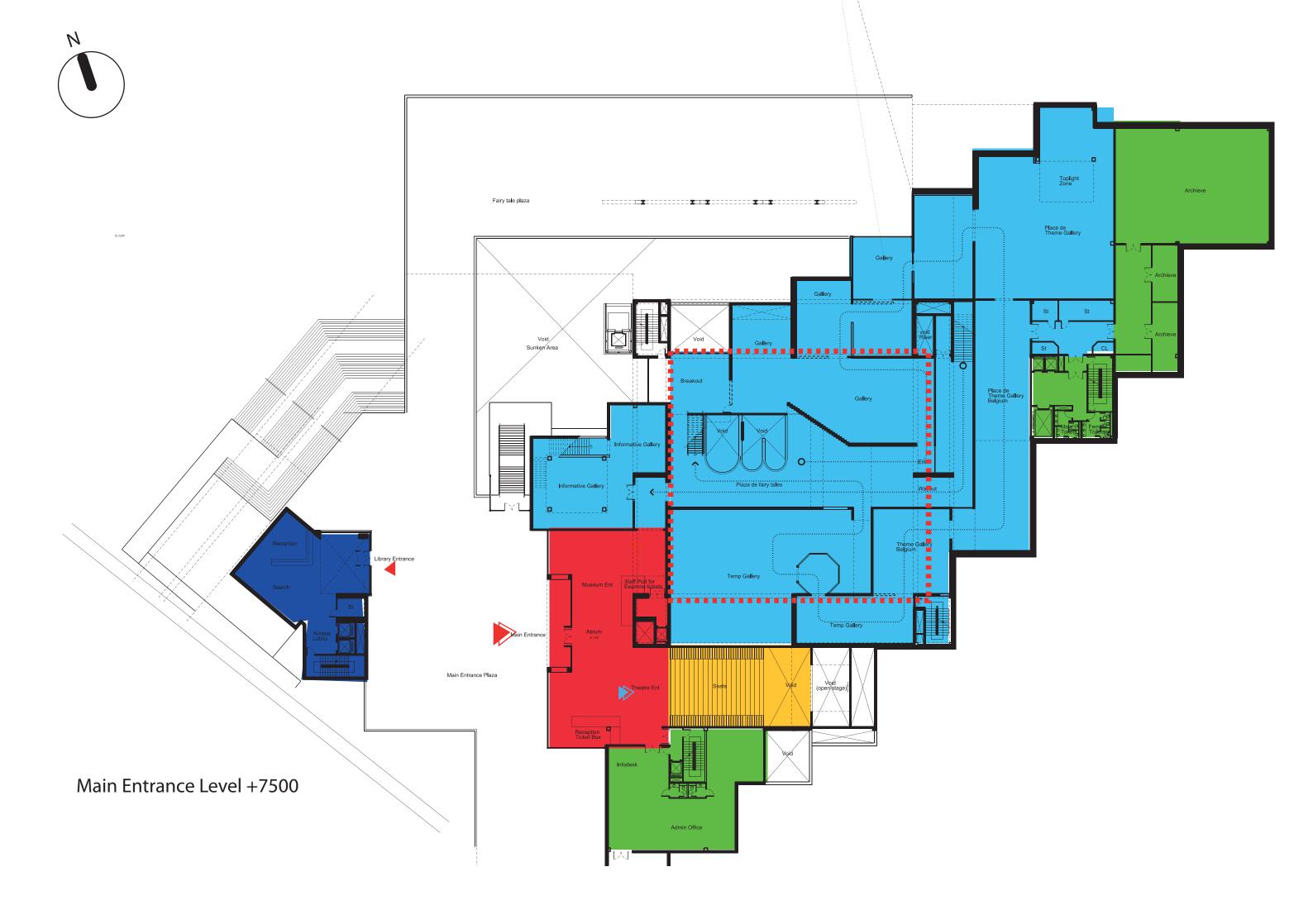


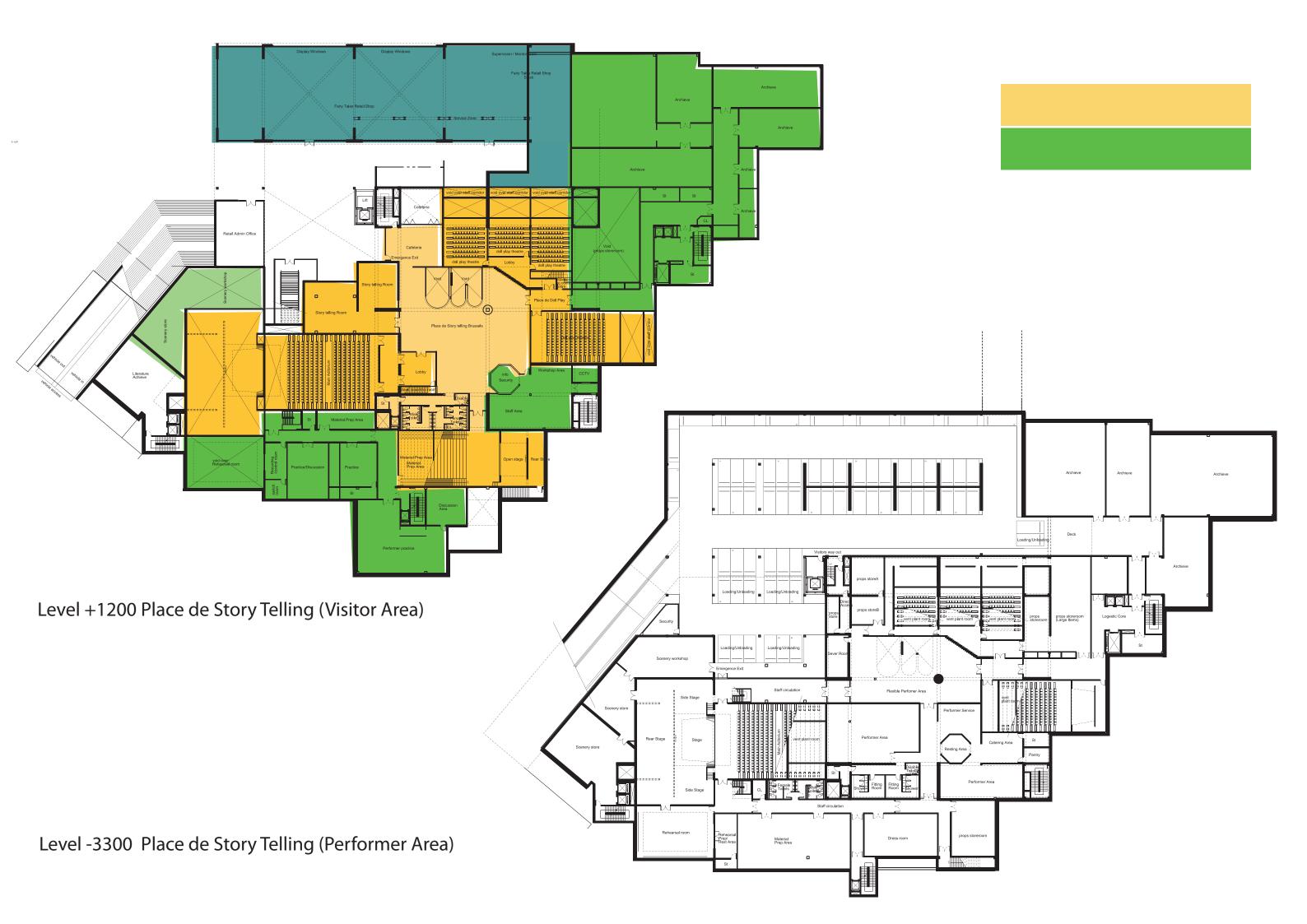
Vertical Circulation

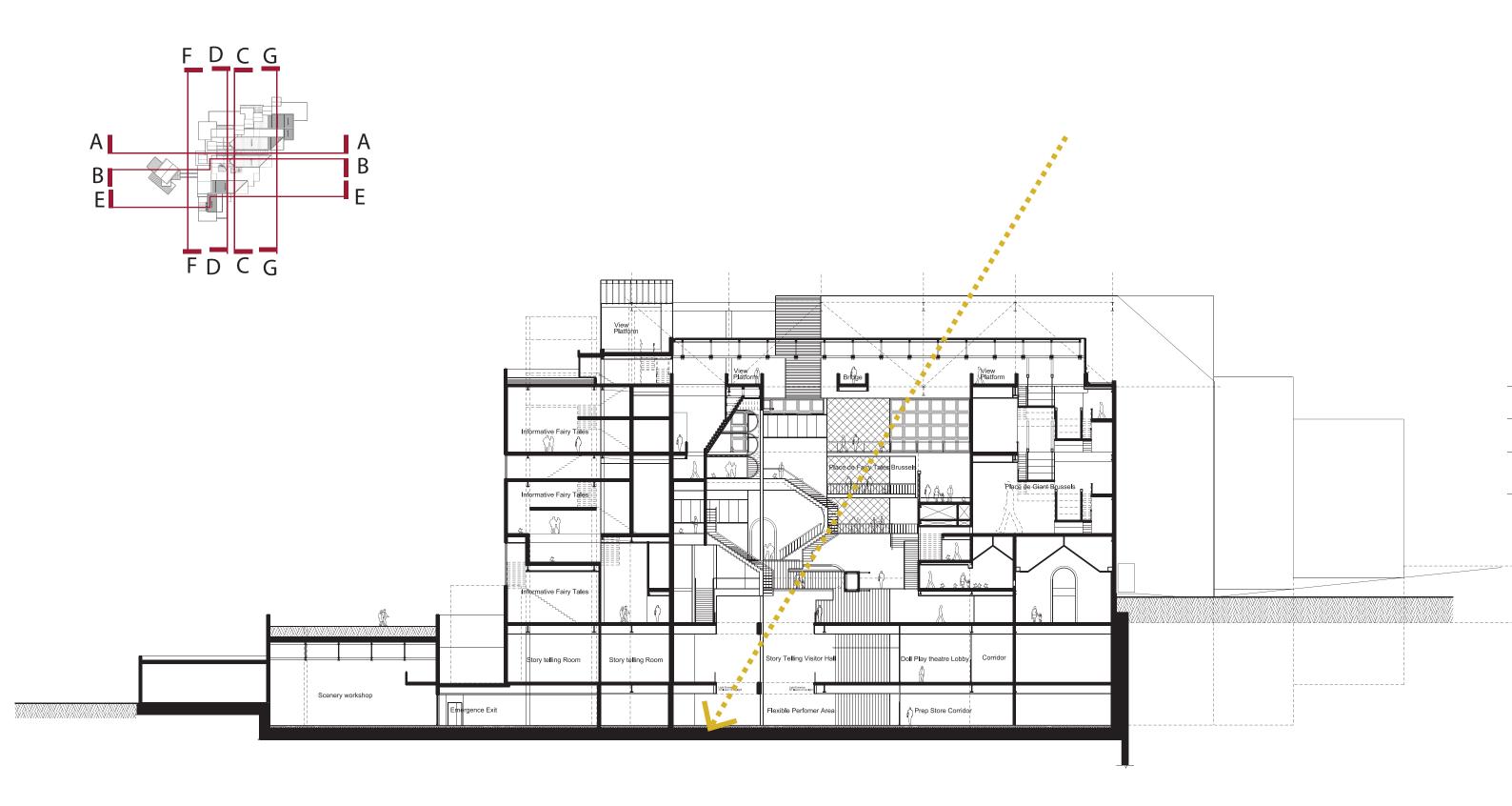


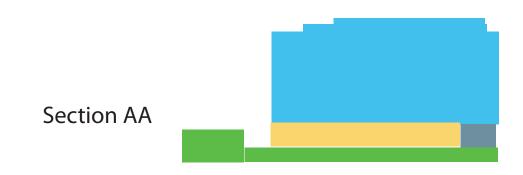




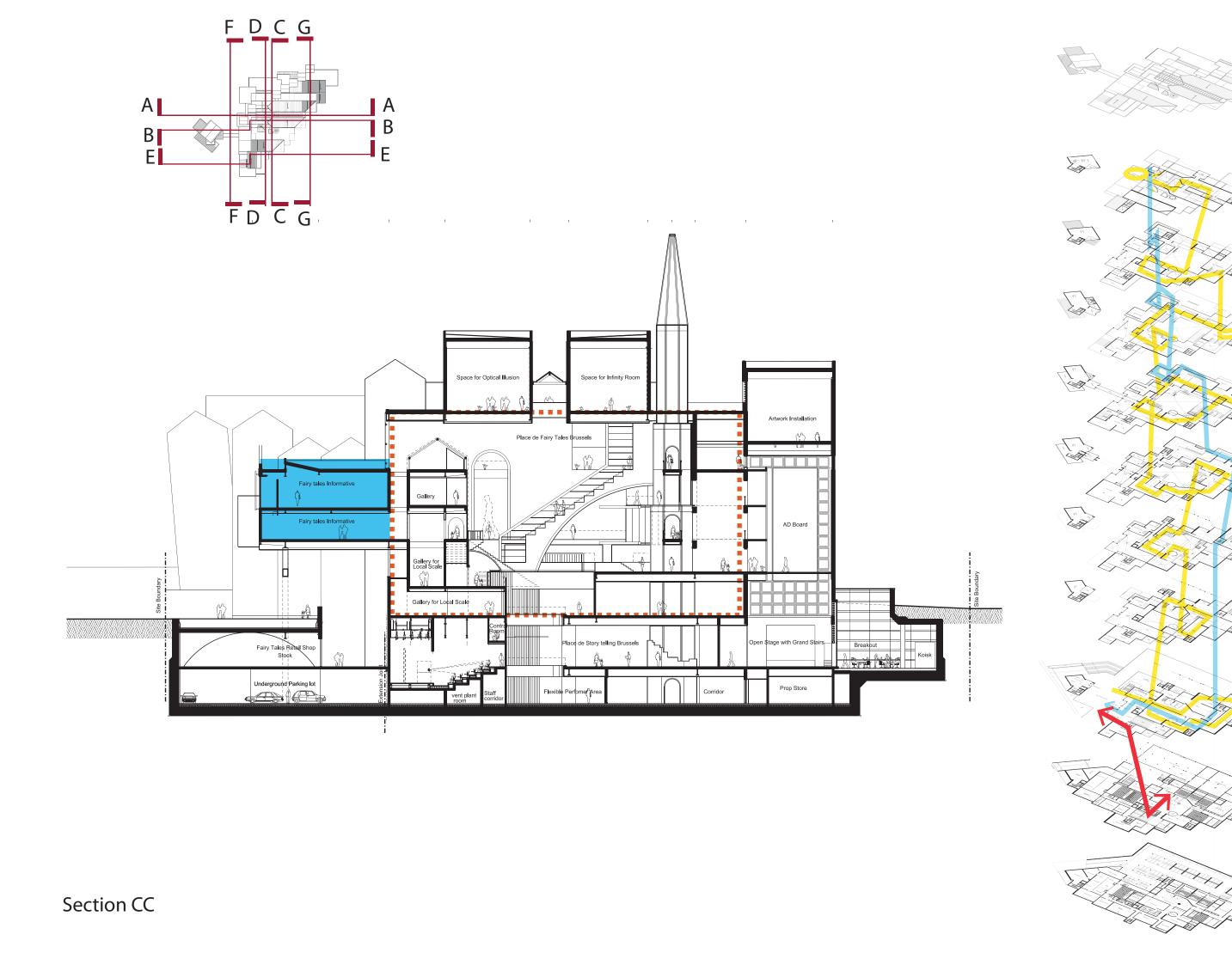


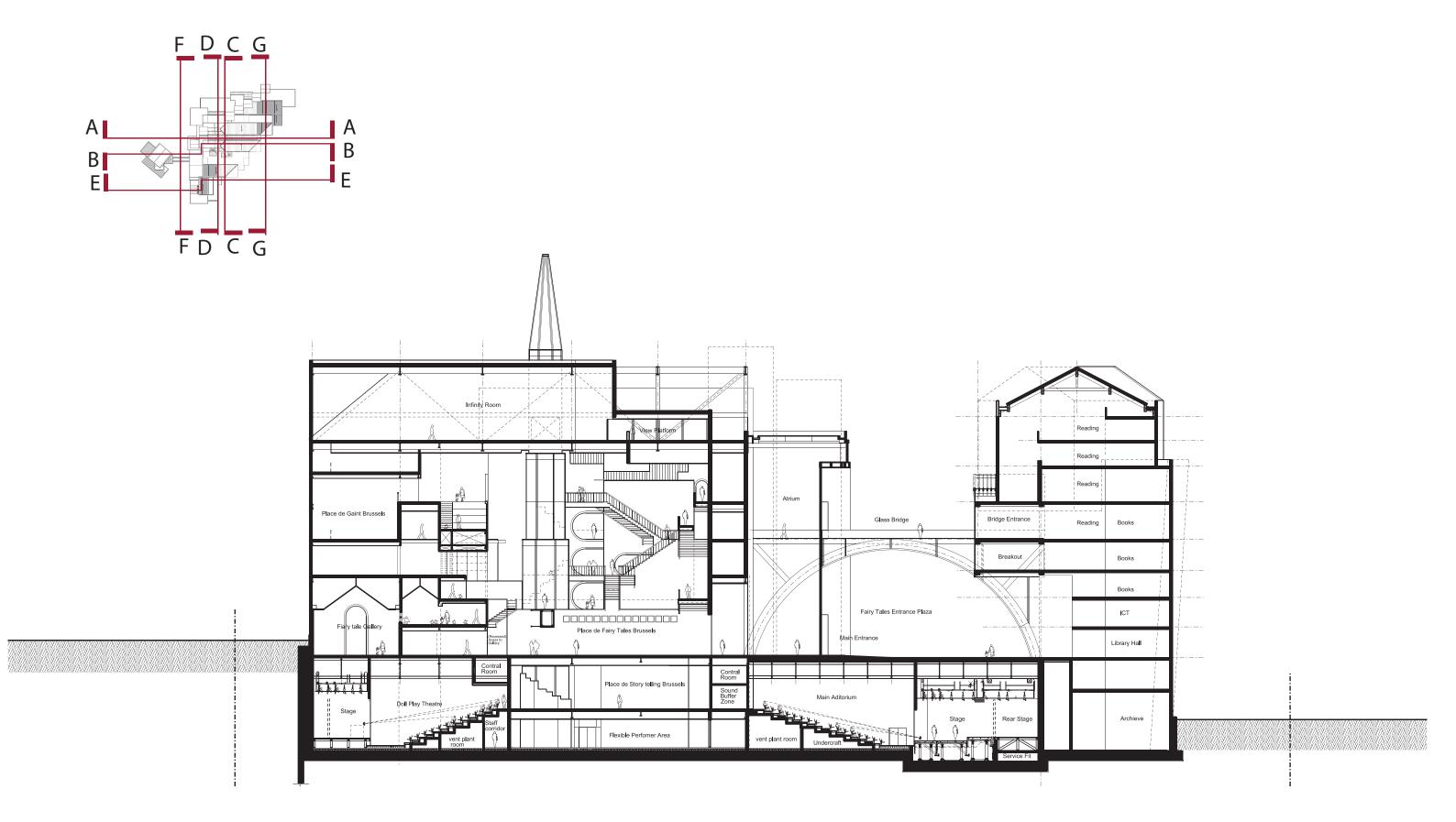


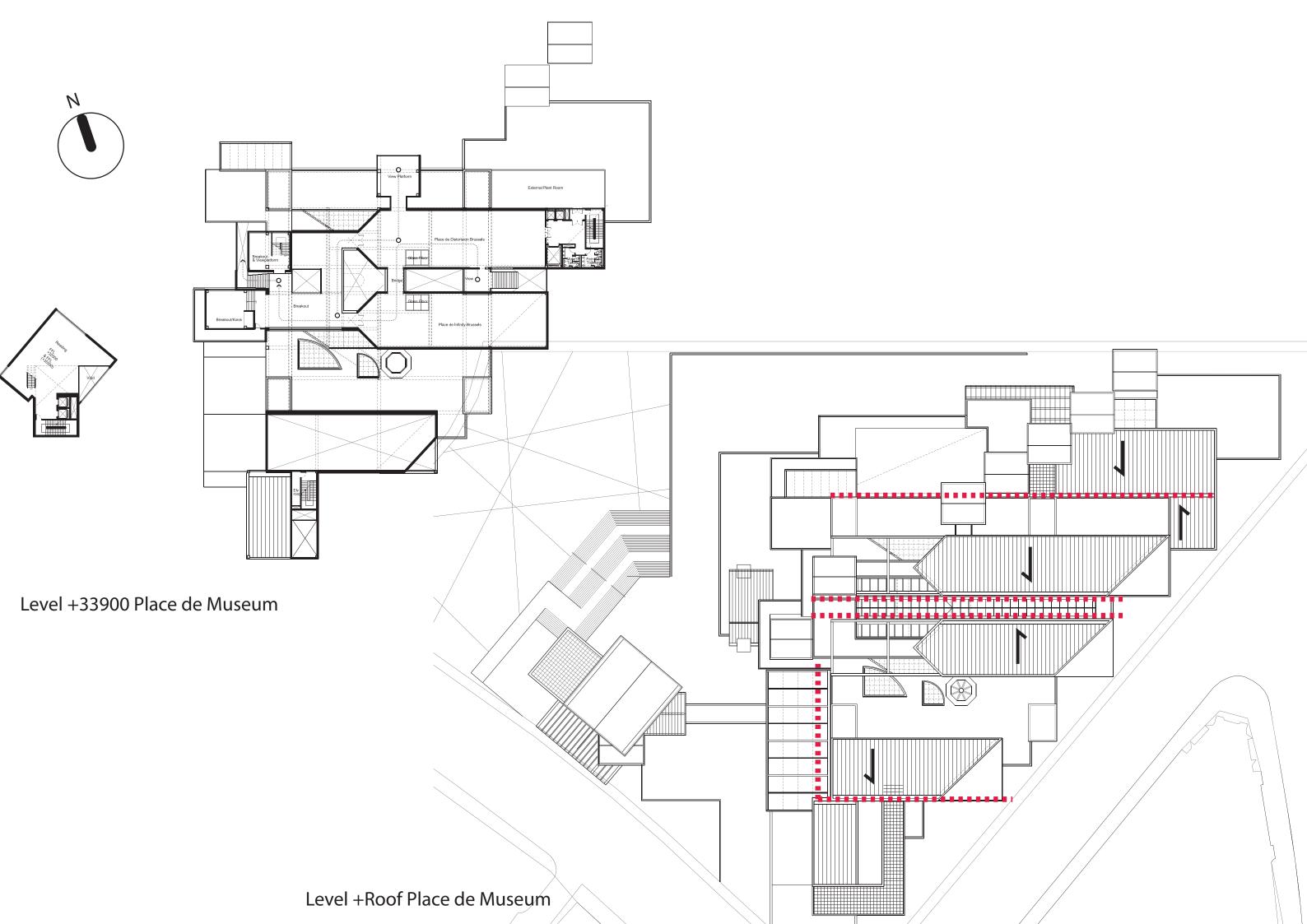


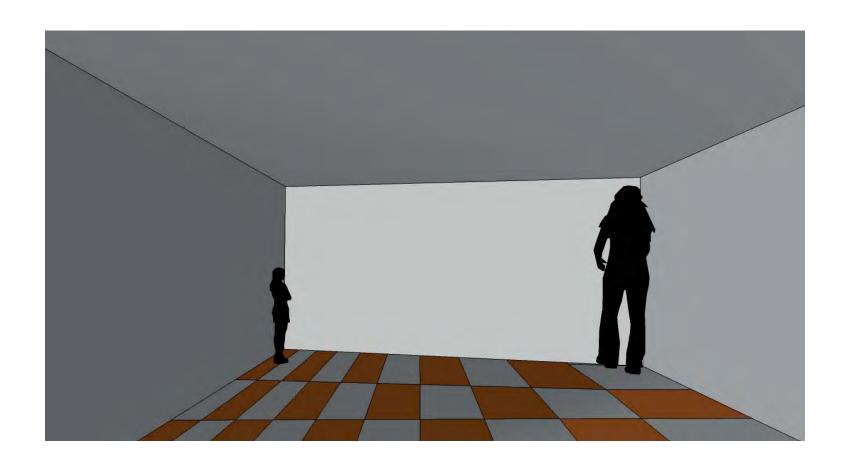


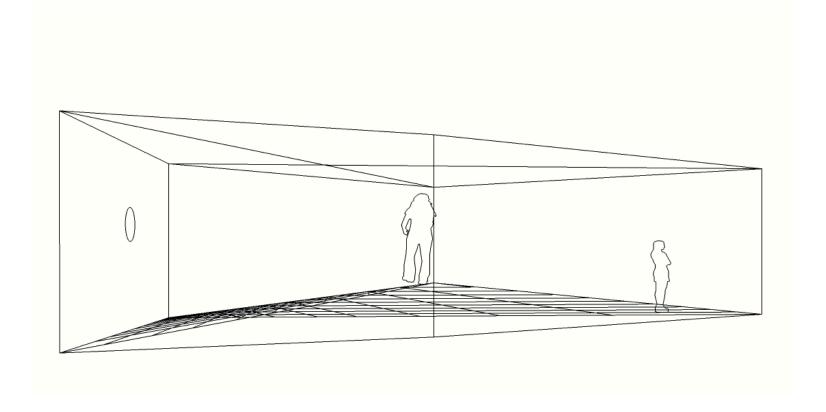


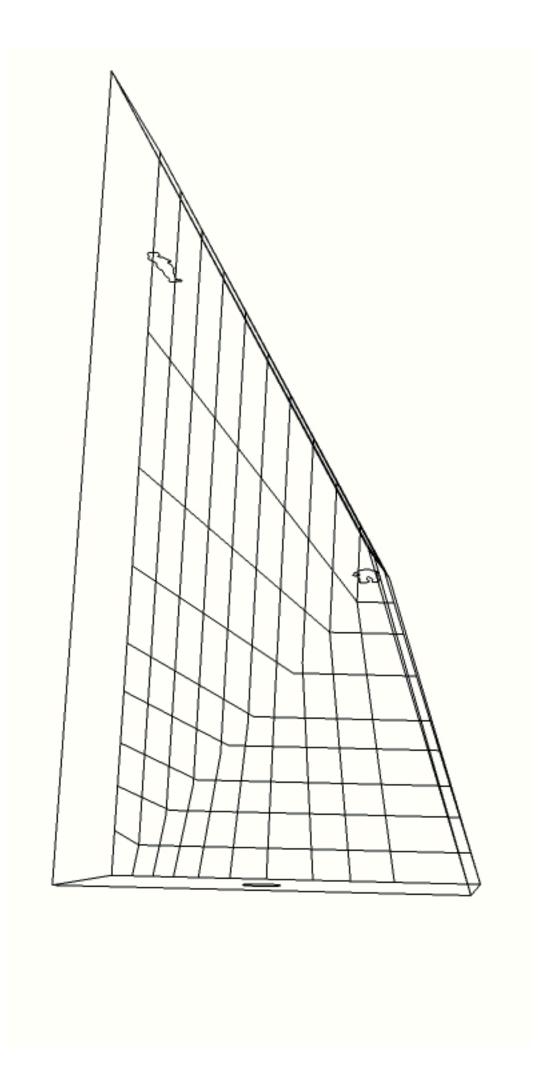




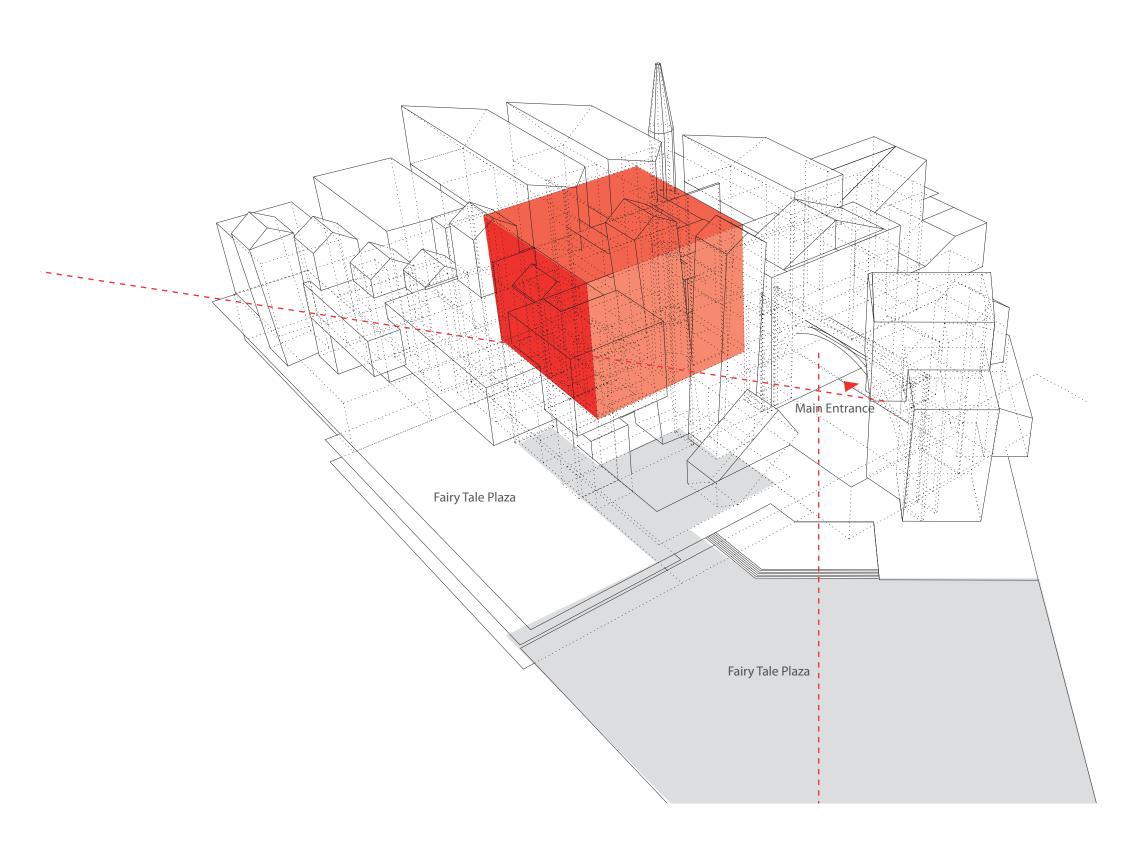




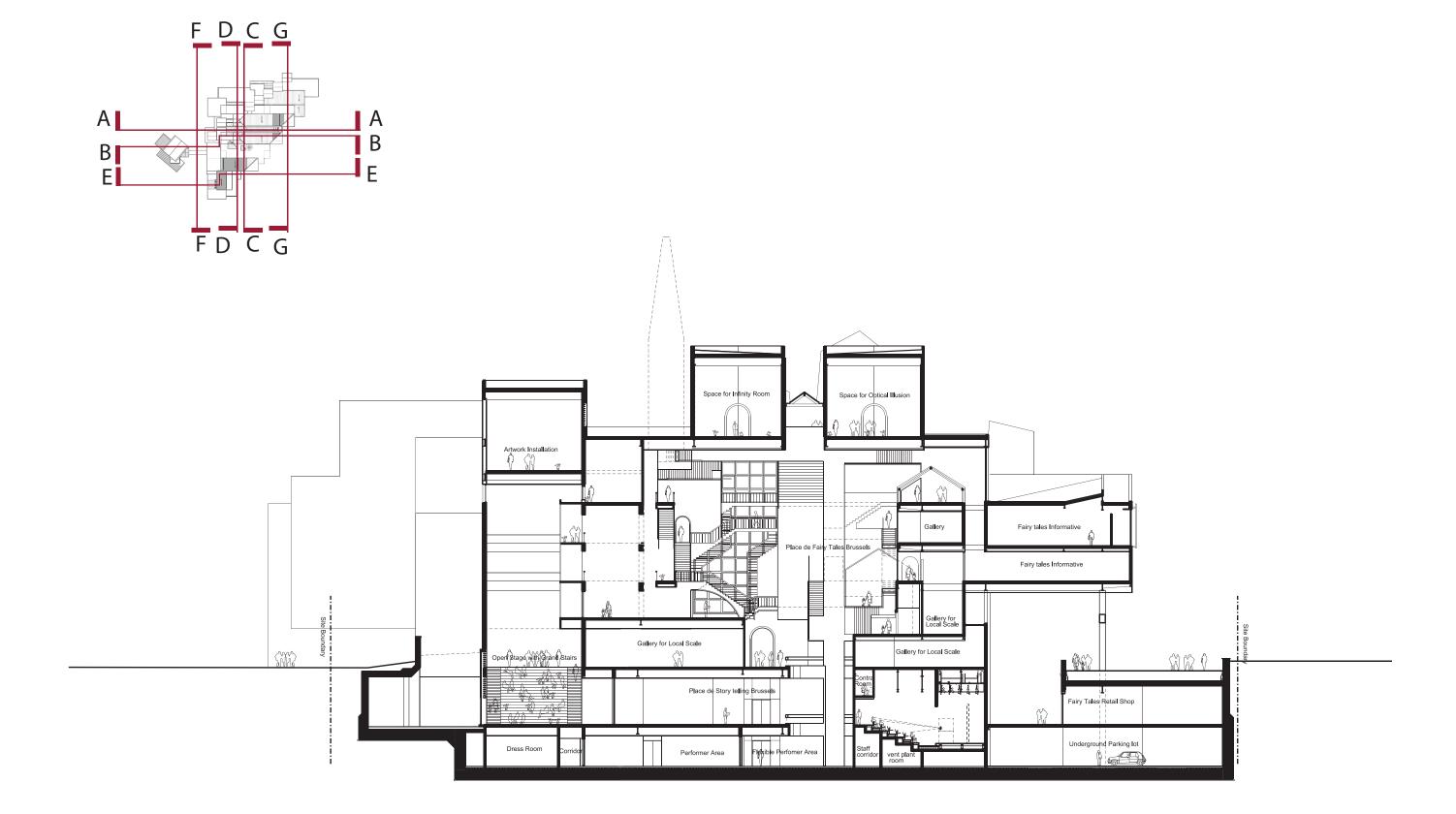




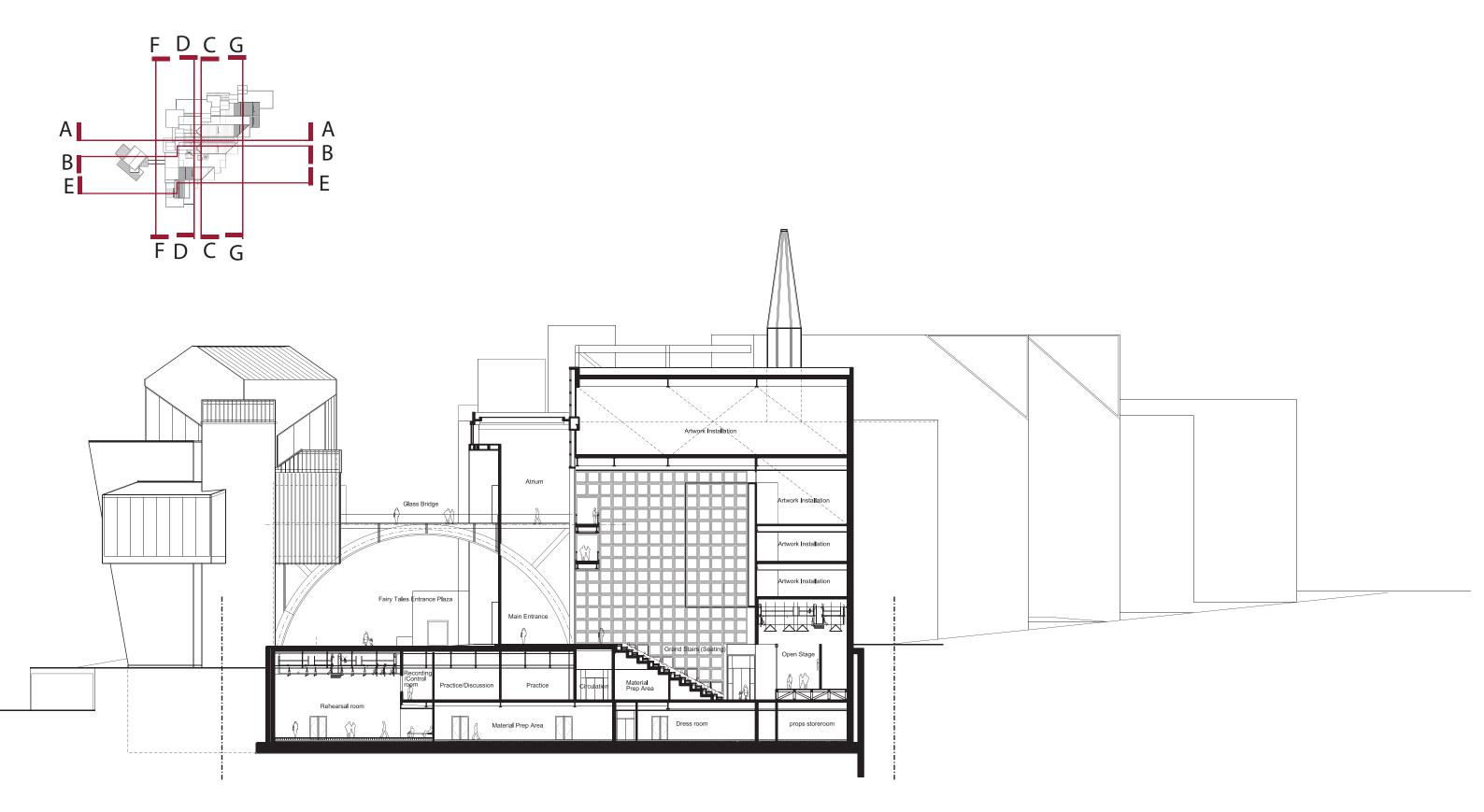
Ames Room Unit Plan Study



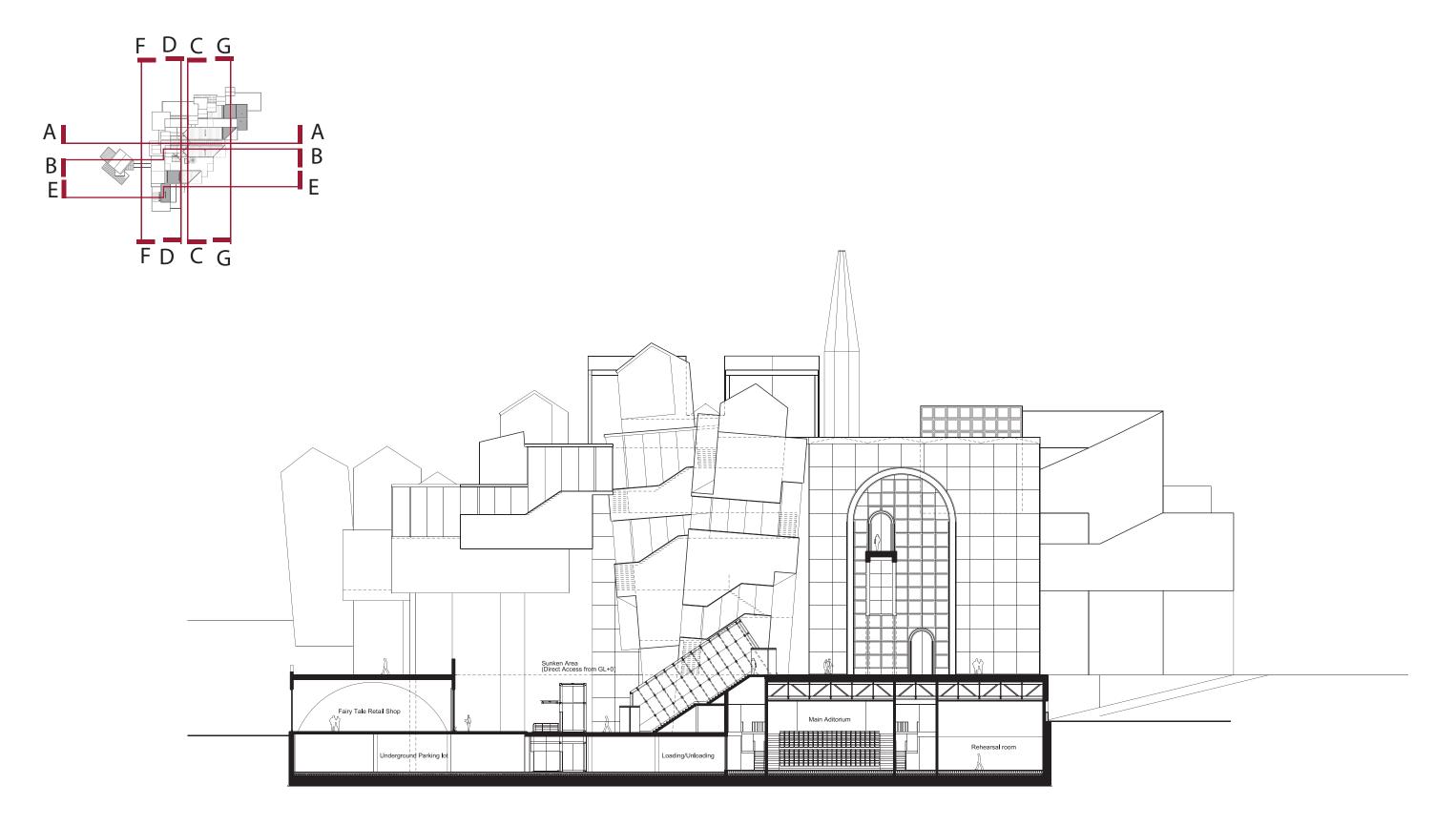
Internal Elevations Triangular Access Core A



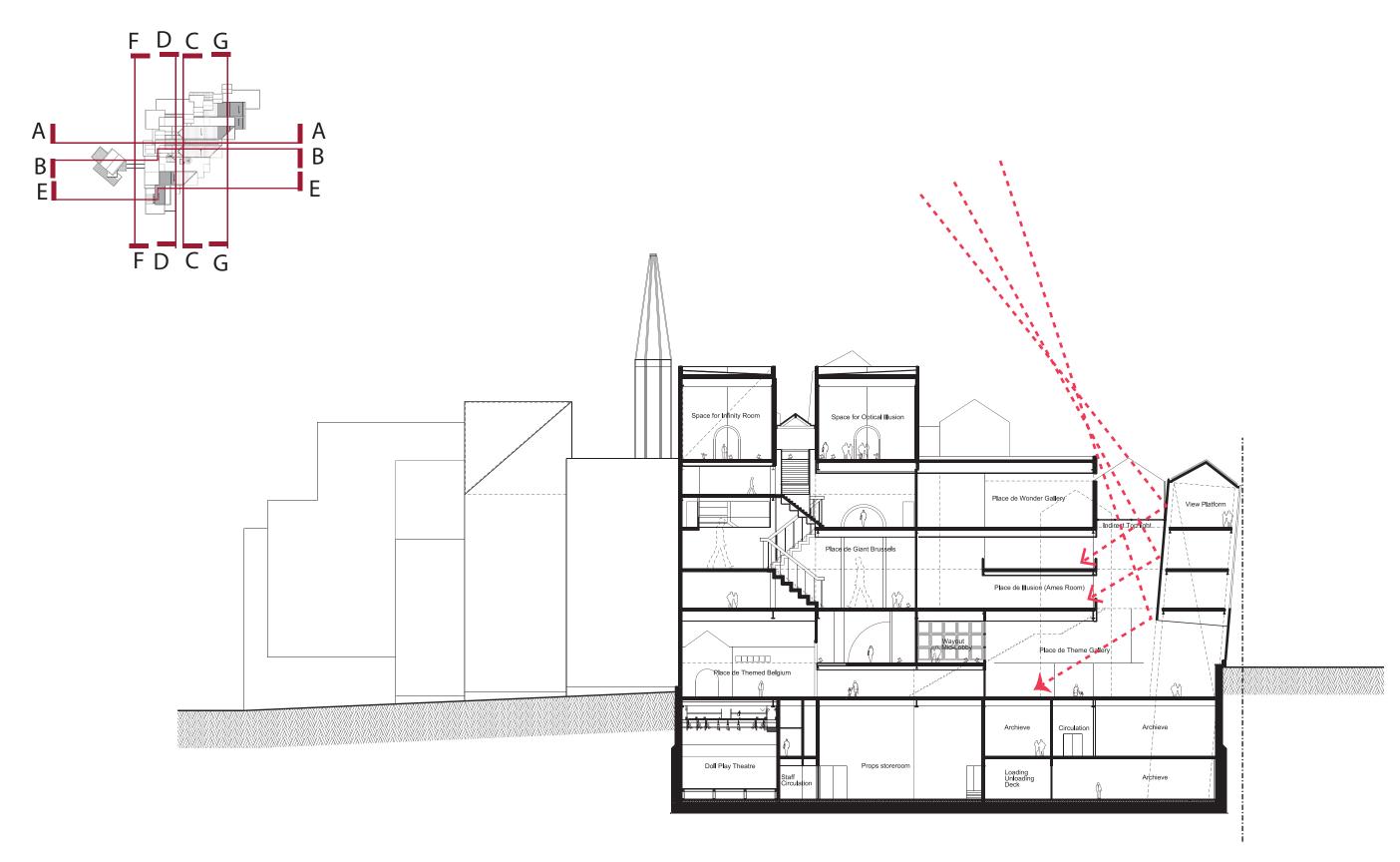
Section CC



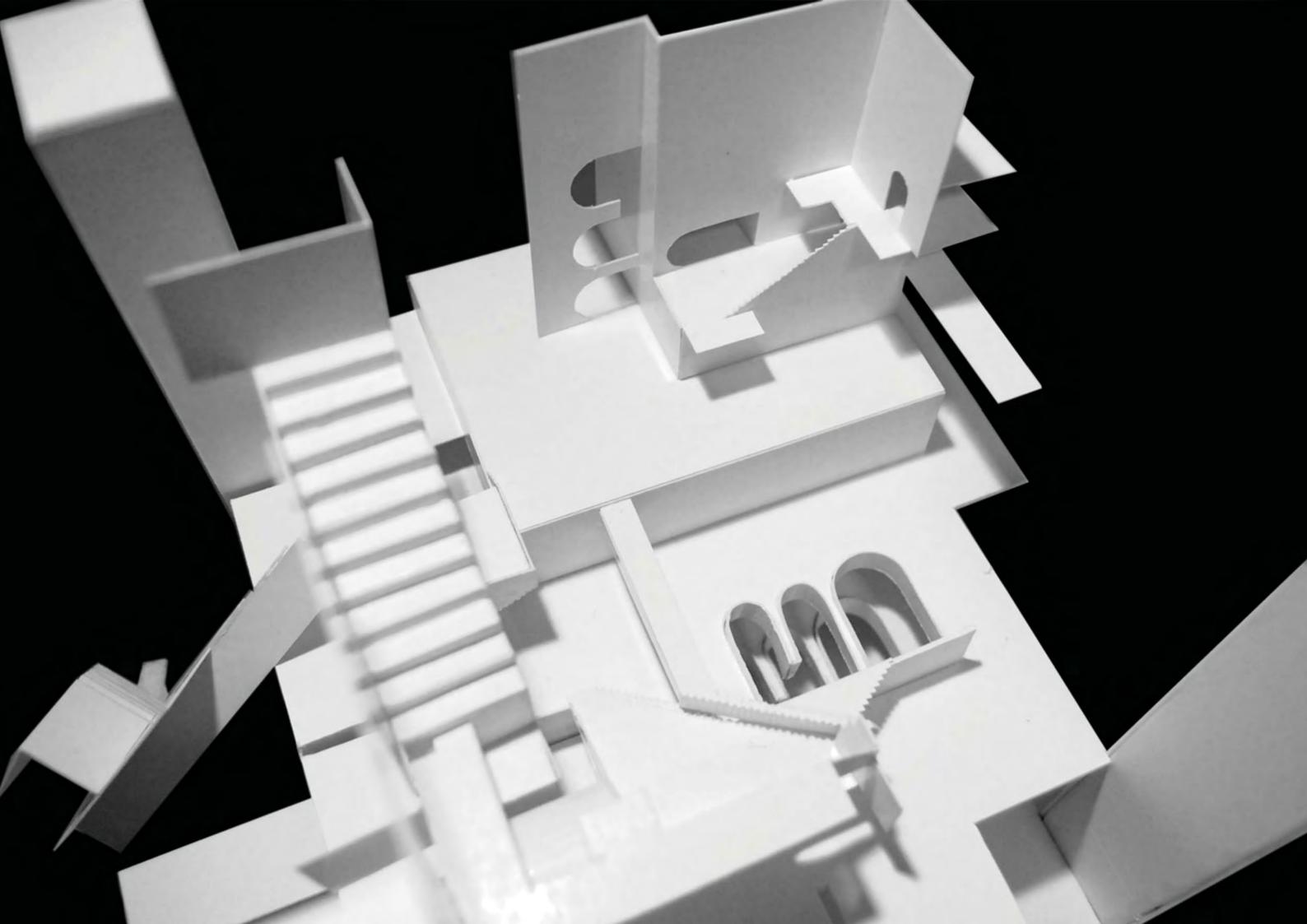
Section EE

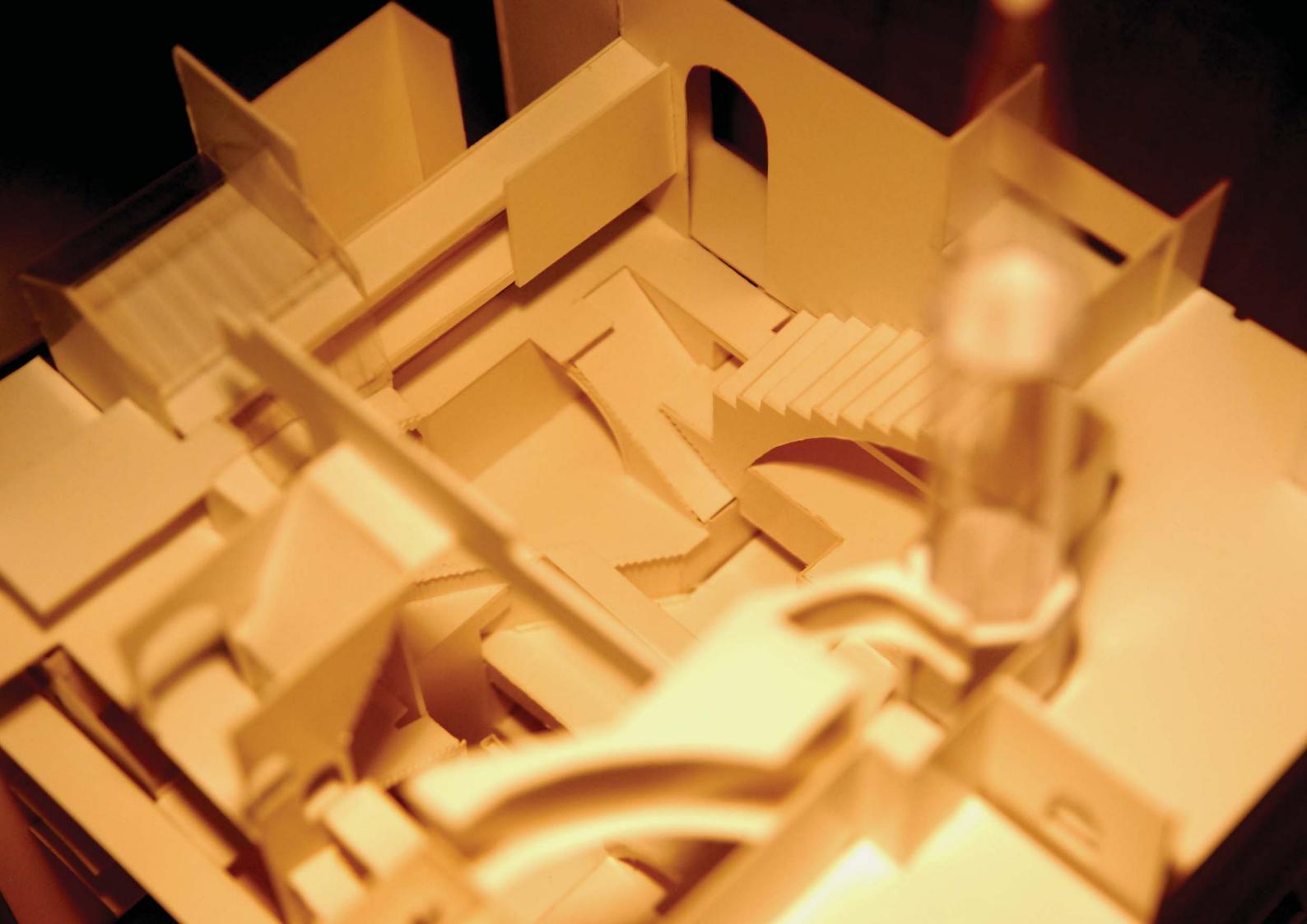


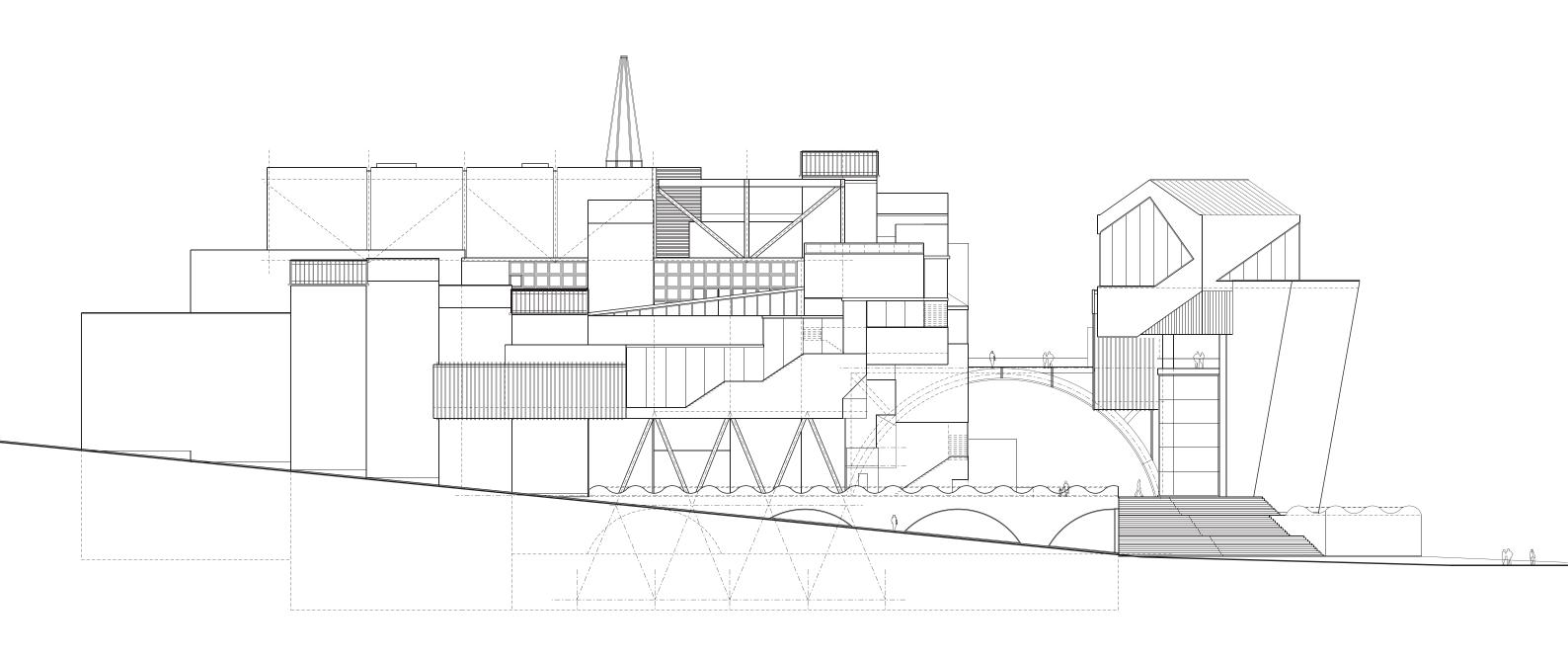
Section FF

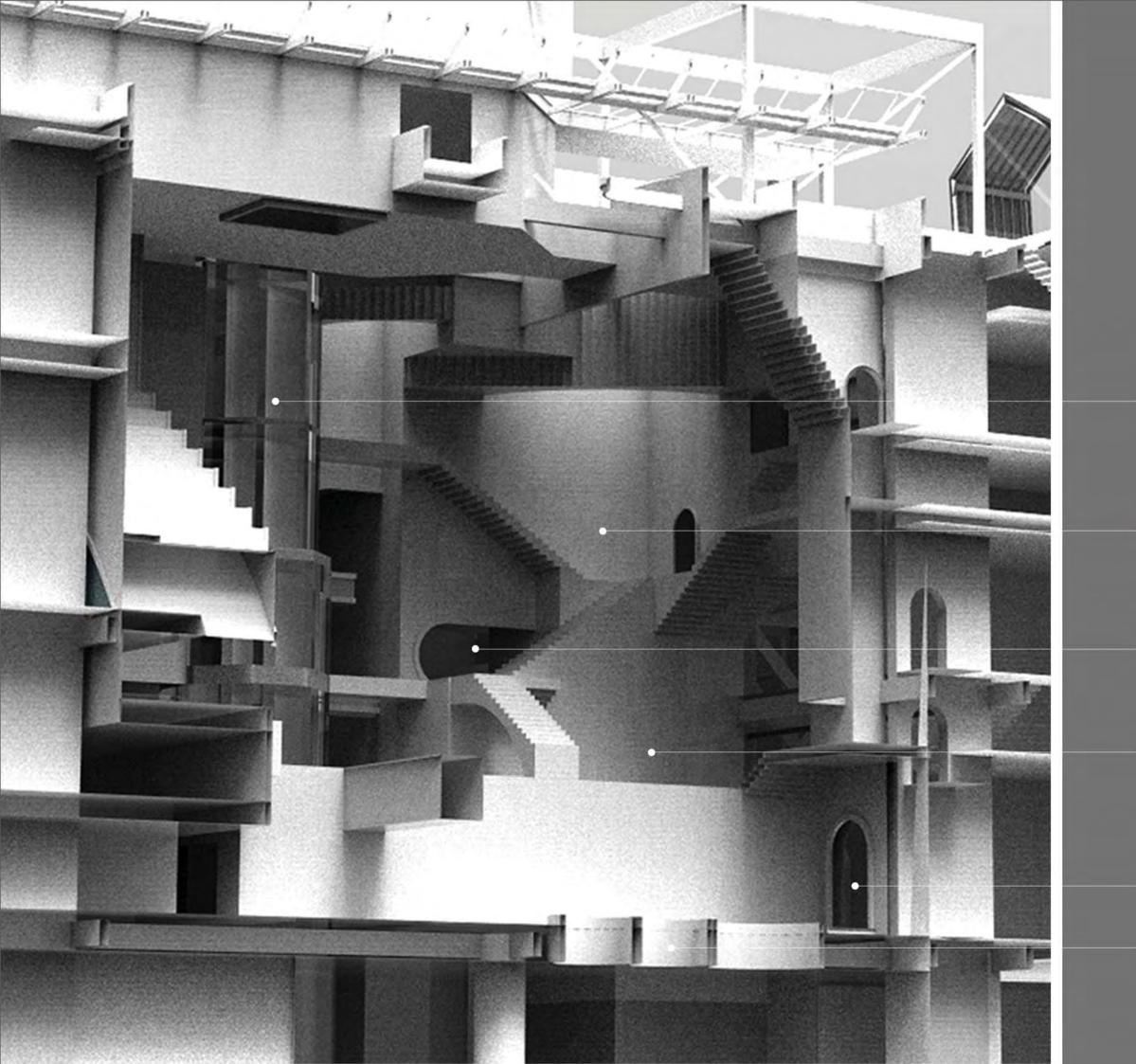


Section GG









Glass Tower (View Platform)

Intersection of Triangular Platforn

Entrance to Gallery

Temporary Exhibition

Main Entrance to Fairy Tale Cube

Void over Story Telling Space to introduce Dayligh

Bridge to Infinite Space Gallery (View Platform)

Access to Spatial Distortiaon Gallery

Experience Gallery for Giant Scales

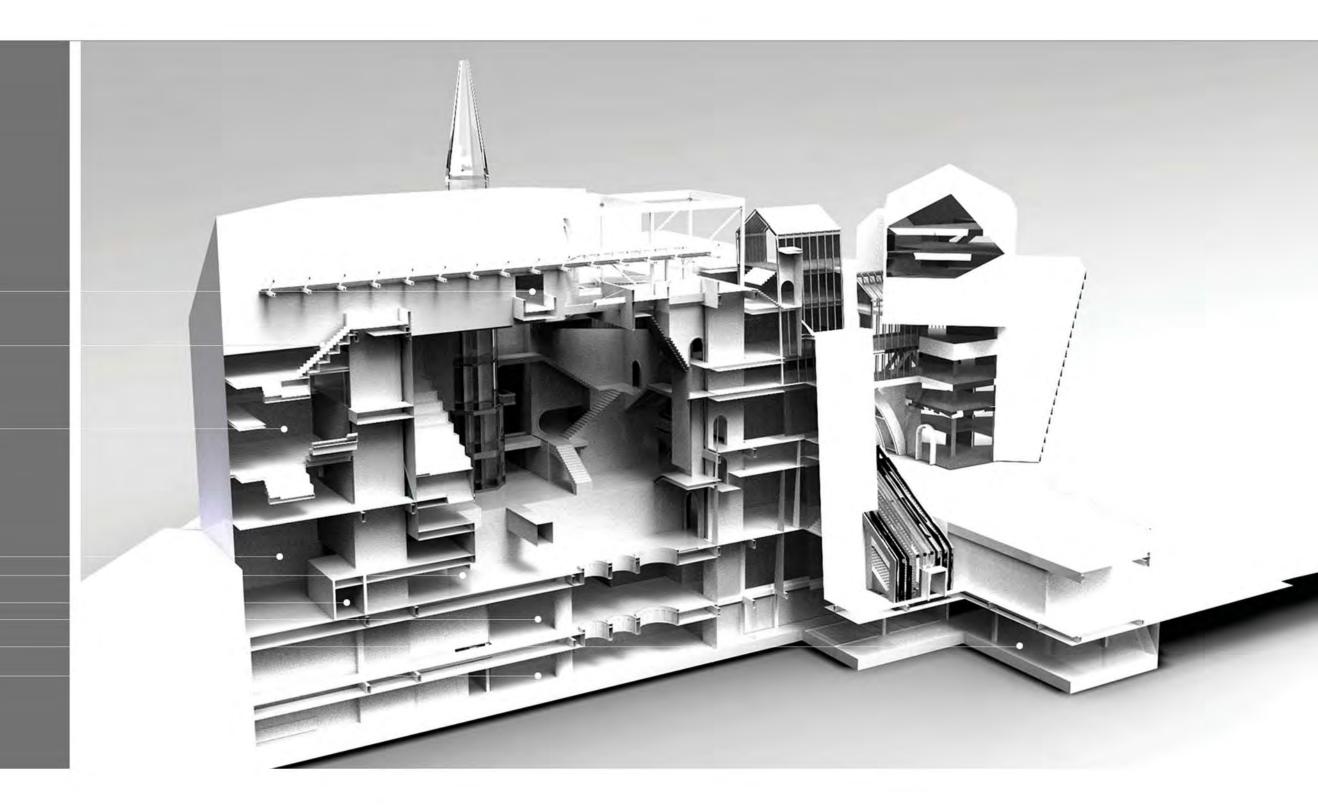
Gallery for Fairy Tales of Belgiun

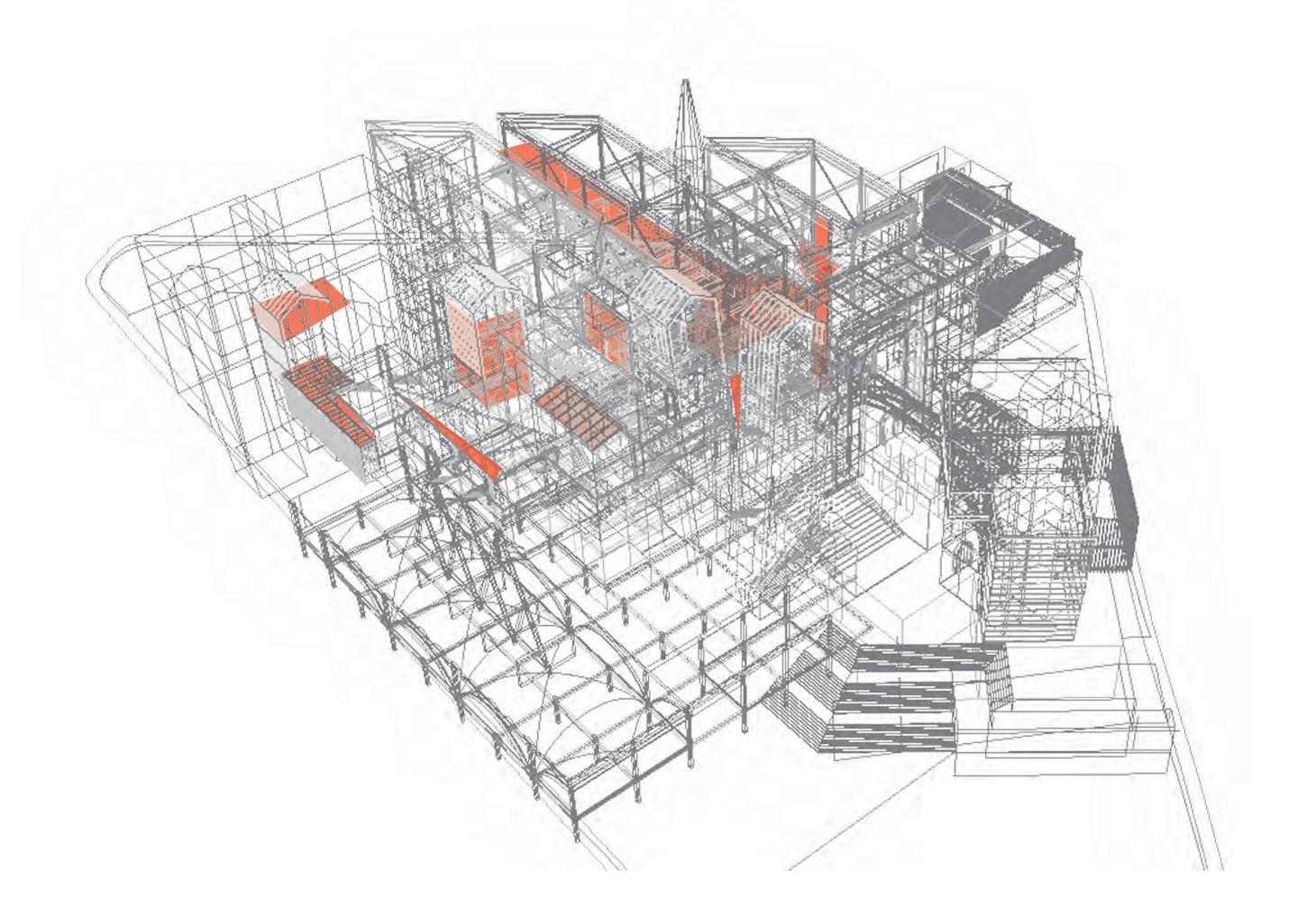
Gallery Entrance from Fairy Tale Cube

Exit to Fairy Tale Cube after finishing Journey Story Telling for Visitors

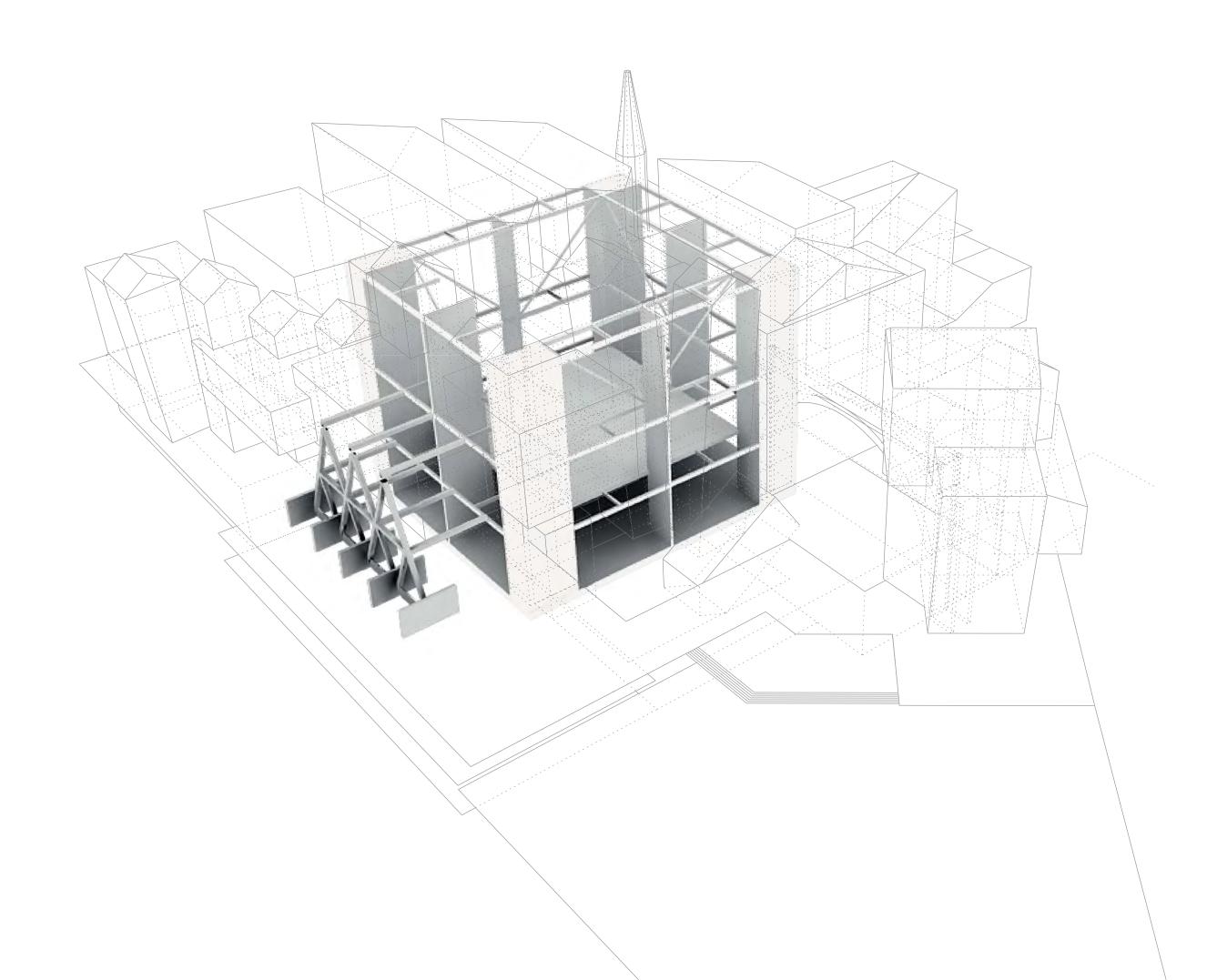
Underground Parking lo

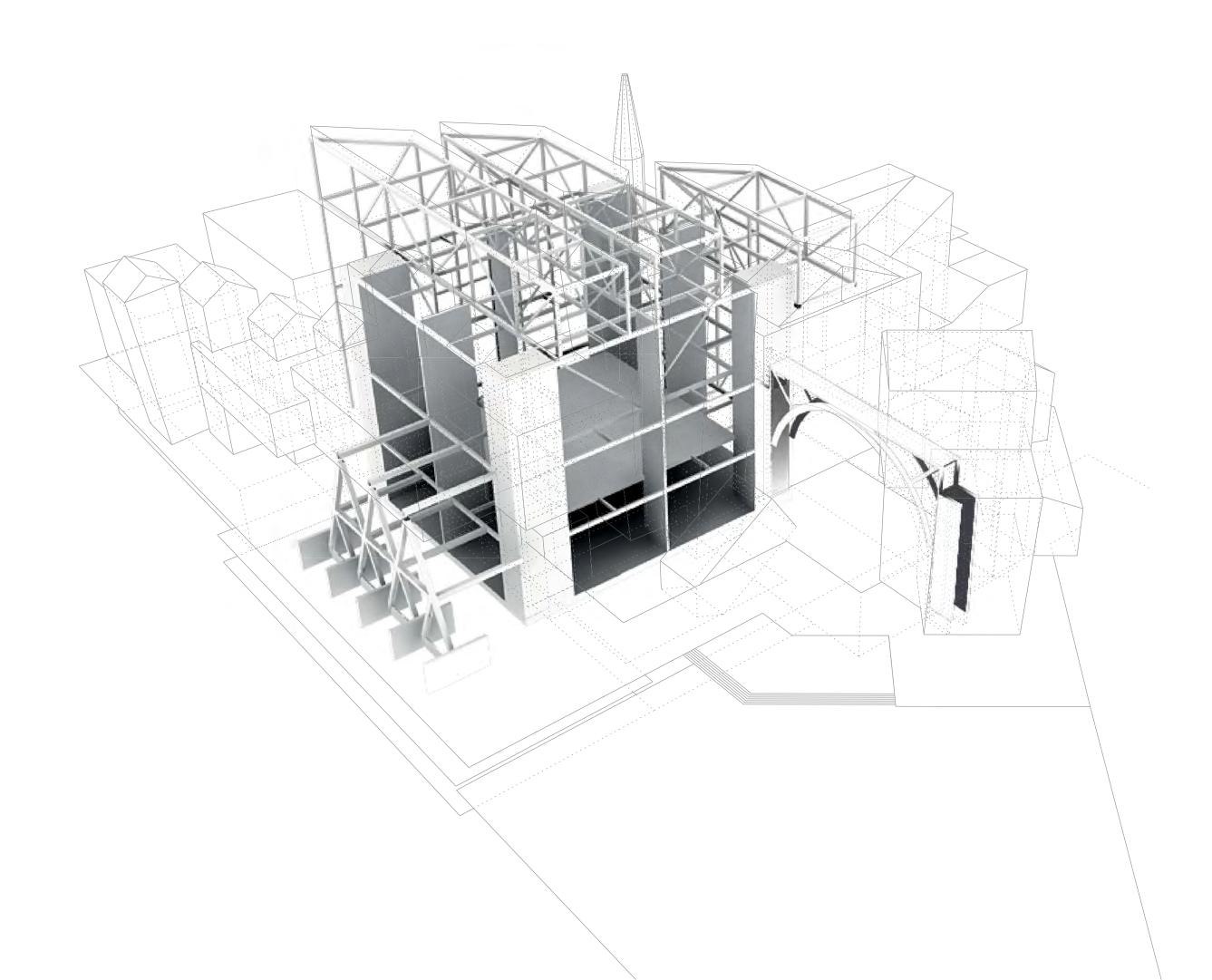
Story Telling for Performer





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Structural Phases



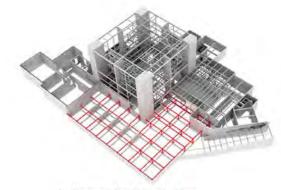
01.Concrete Bases for Compression



02. Structural Double Frames to Support tensions from Additional Strucutres on both sides.



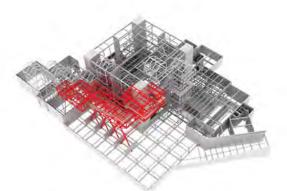
03. Additional Structures inside Structural Double Frames



04. Structural Grid laid on the Base for Underground Parking Lots



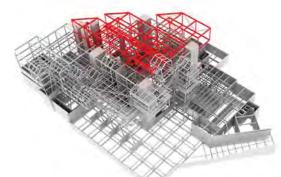
05. Additional Structures and Selfstanding Structures outside Structural Double Frames



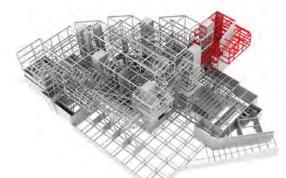
06. Structural Installation between Structural Double Frames and Triangular Truss Support



.07. Self Standing Structure partially attached to Structural Double Frames



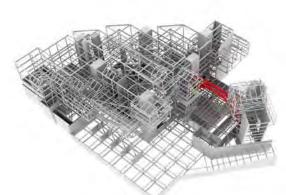
08. Supertruss structured over the top of Structural Double Frames with the Support of Force Flow.



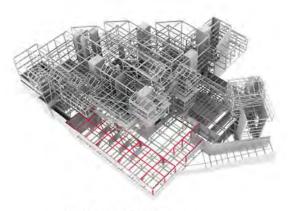
09. Self-Standing Structure with Two Bridge Connections.



 Self-Standing Structure with Concrete Structural Base.



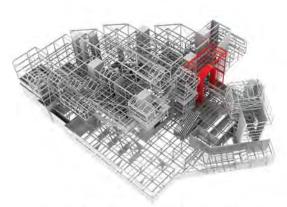
 Arched Bridge Connection between Concrete Cores



12. Structural Grid with Arch Walls Structured over the Base Grids

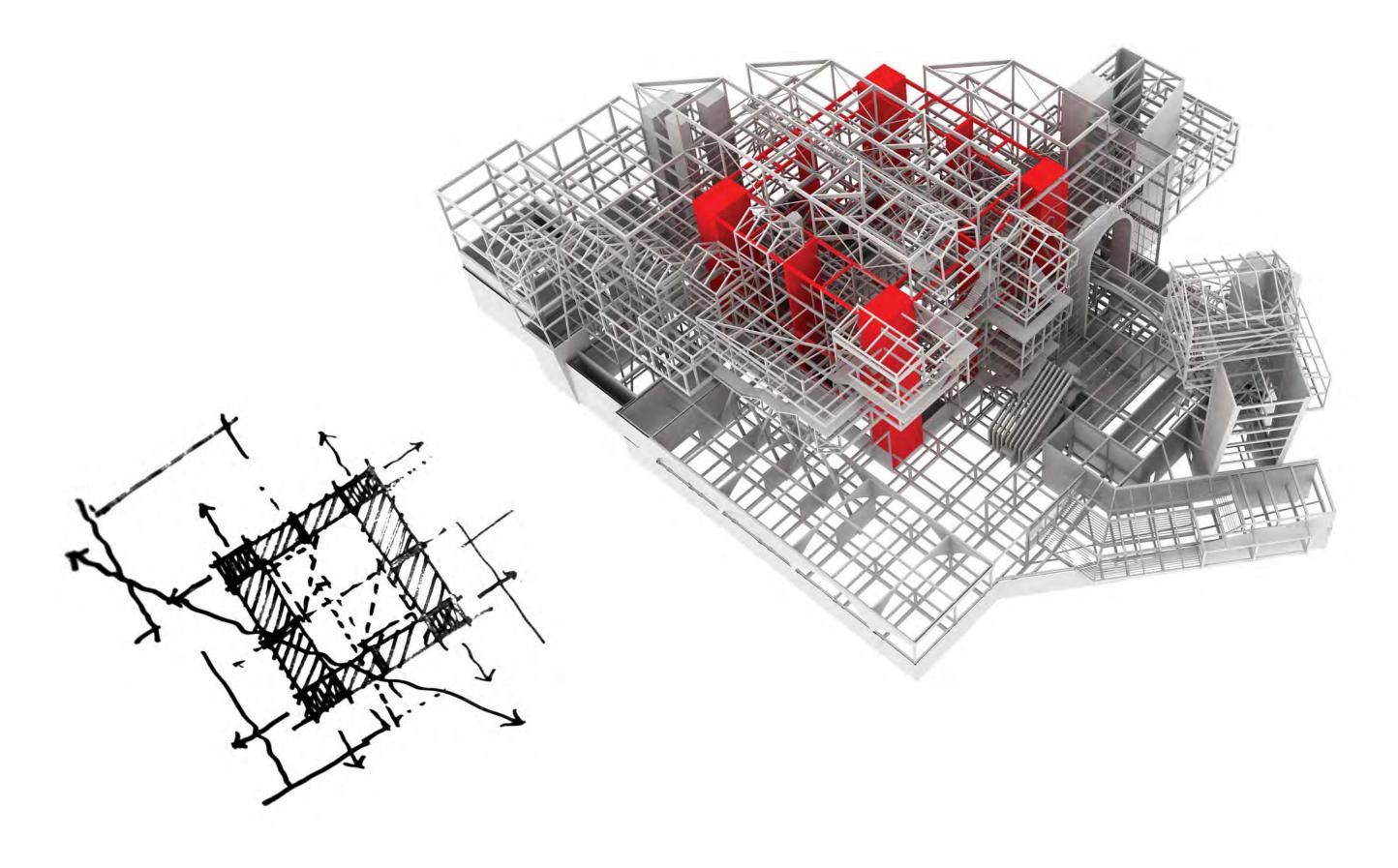


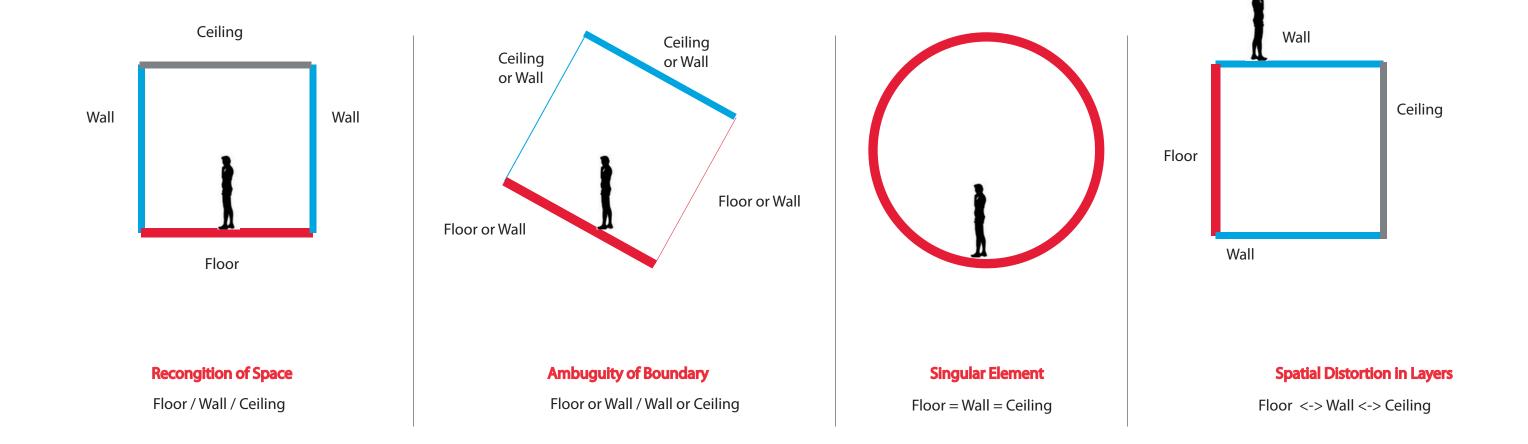
13. Accessbility with Structural Saperation for External Access

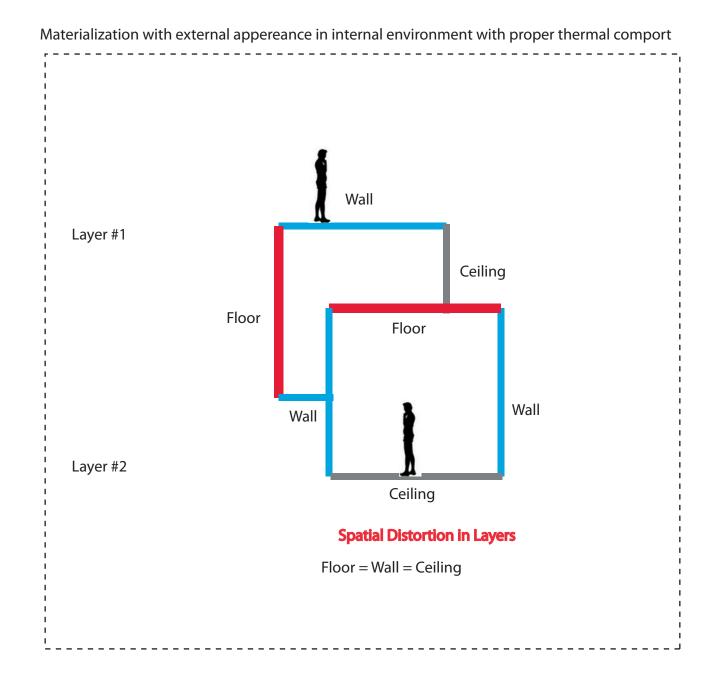


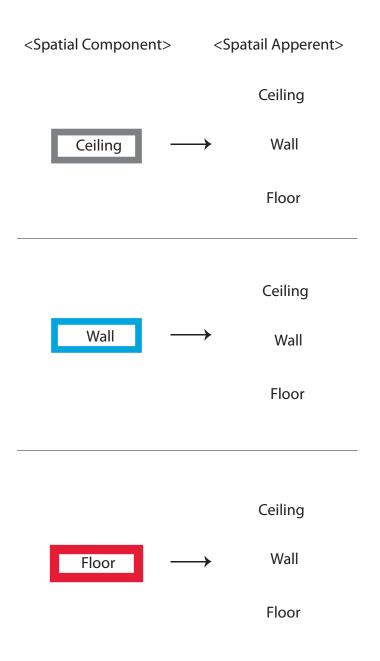
 Large Open Atrium with Clear Glazing and Frames Installed Inbetween Structural Double Frames and Self-Standing Structure

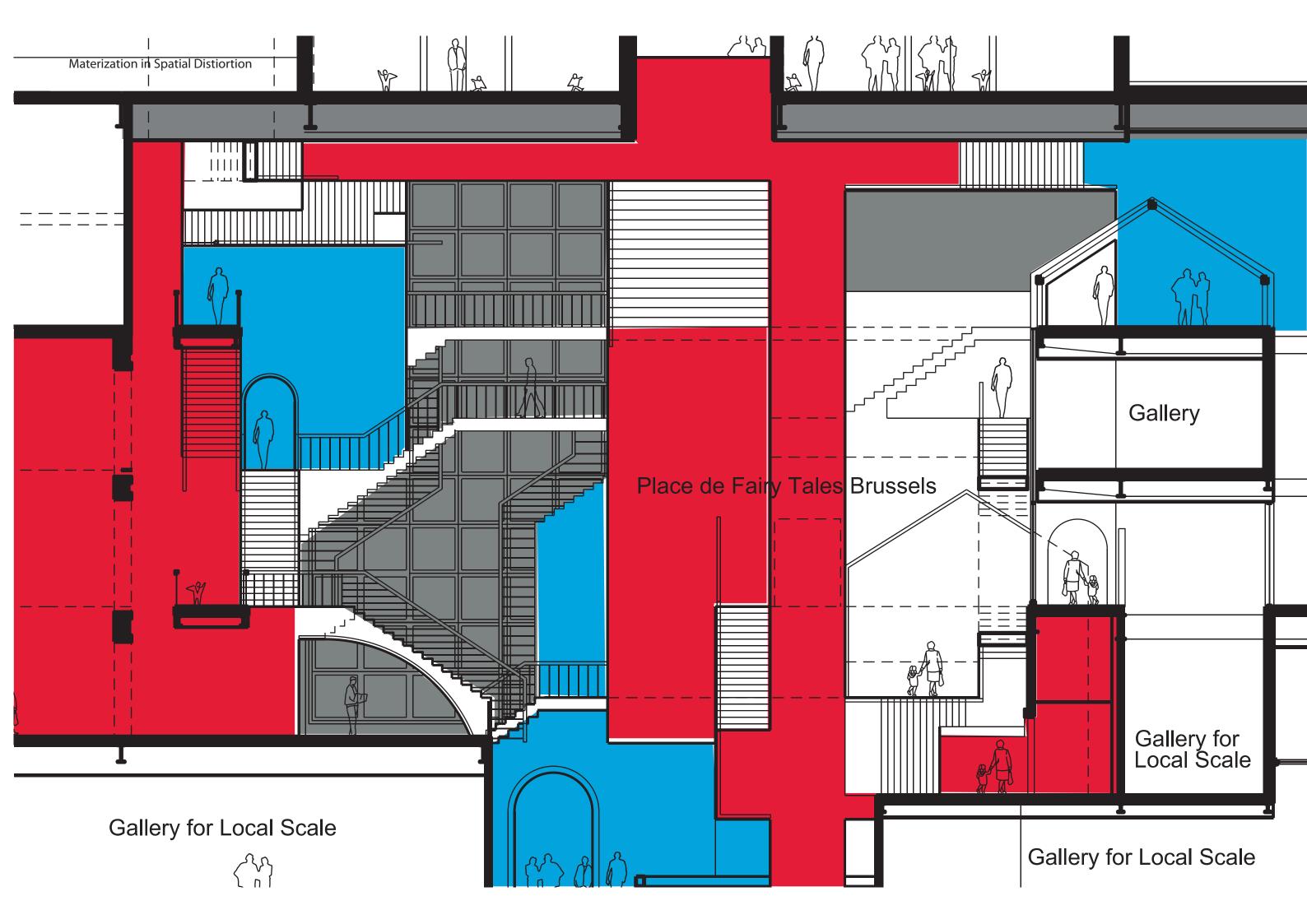
Structural Composition

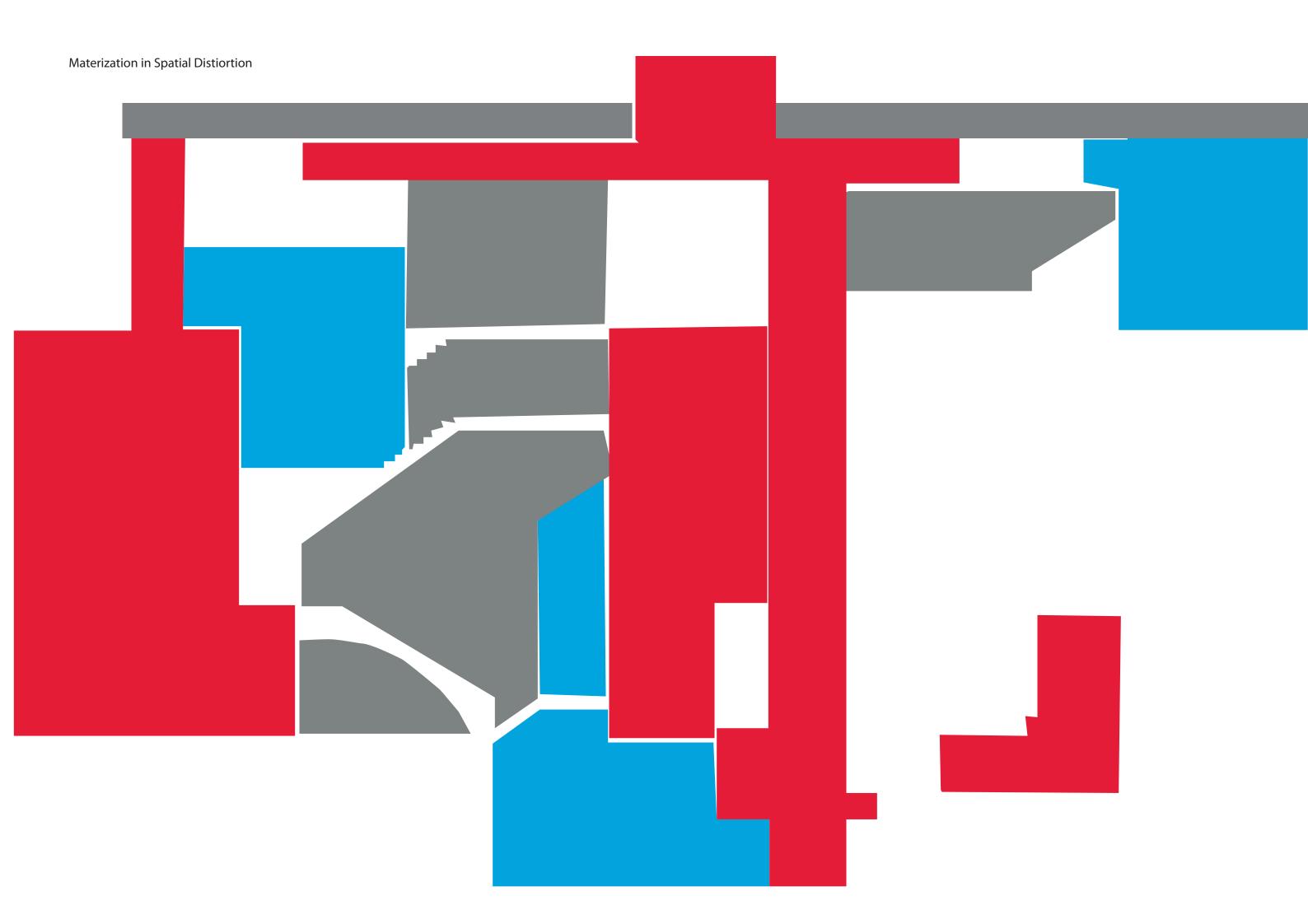


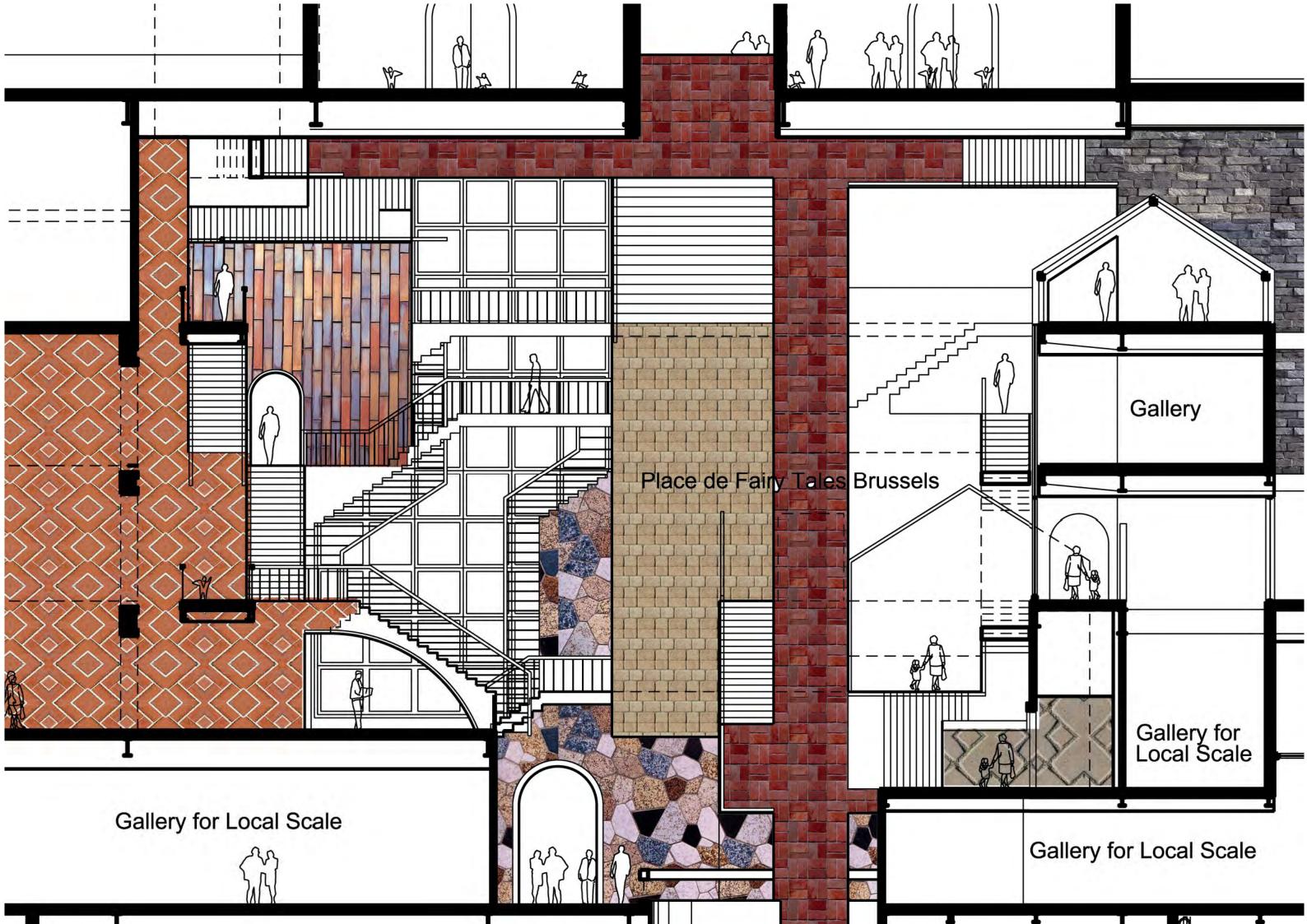


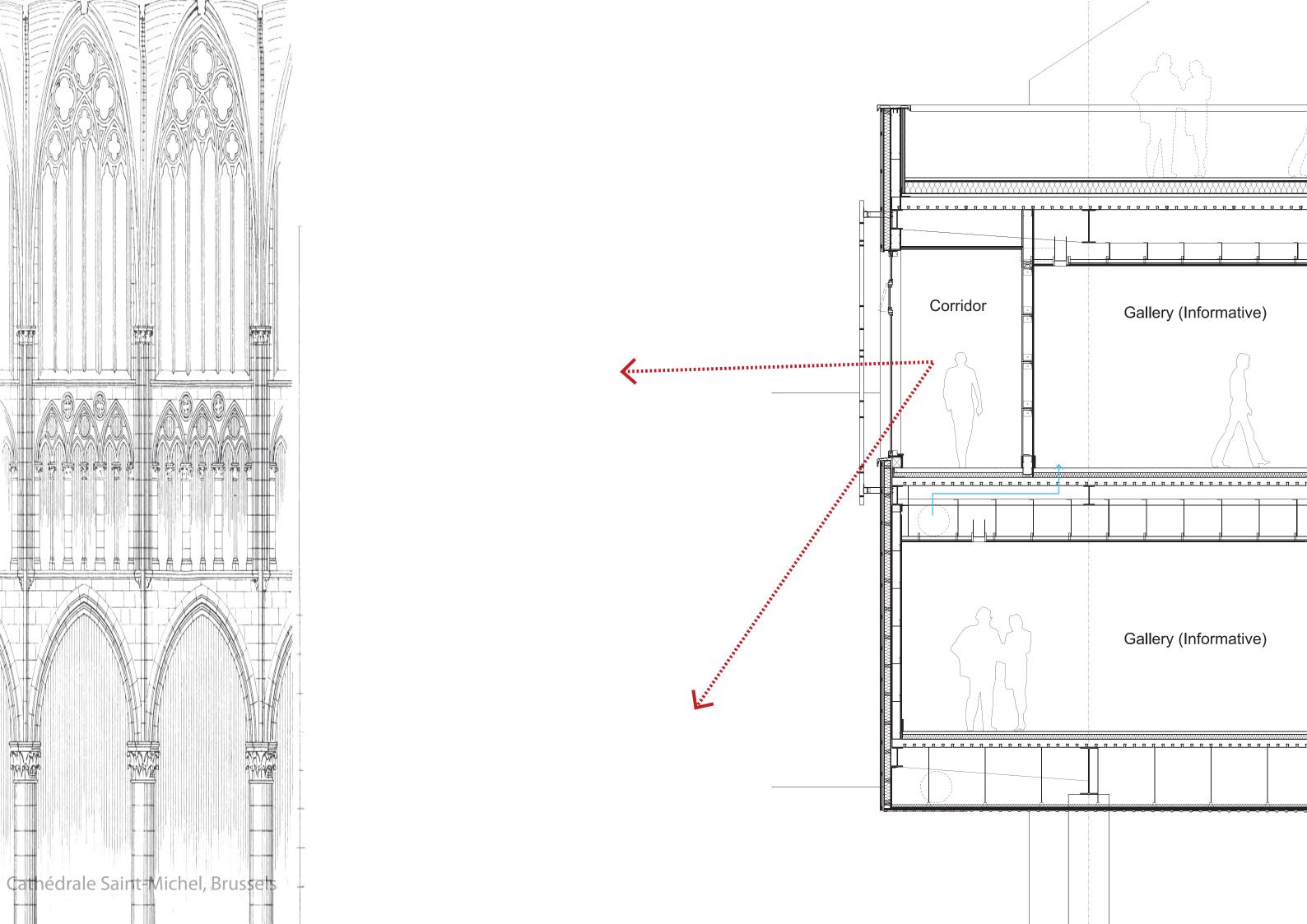


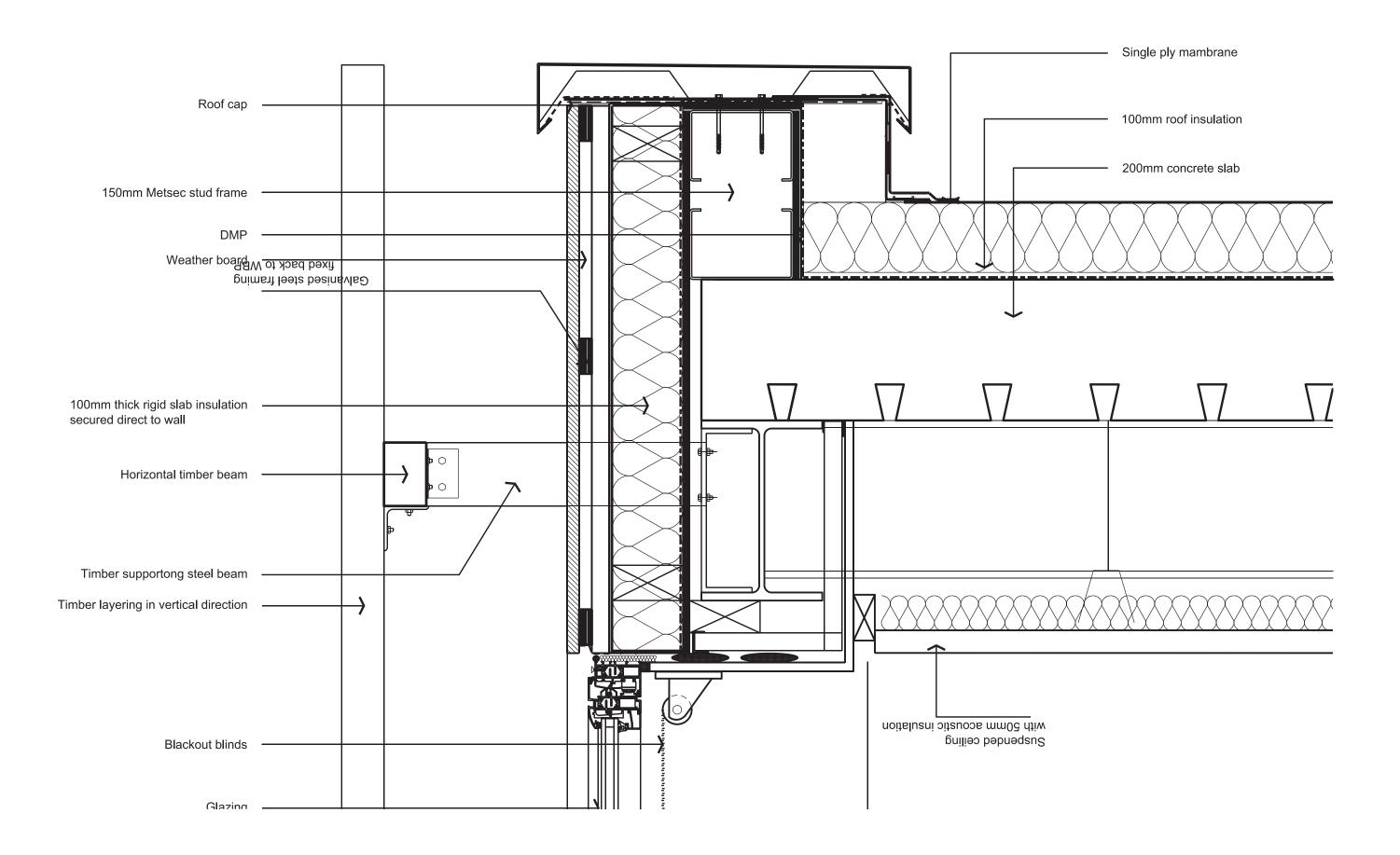


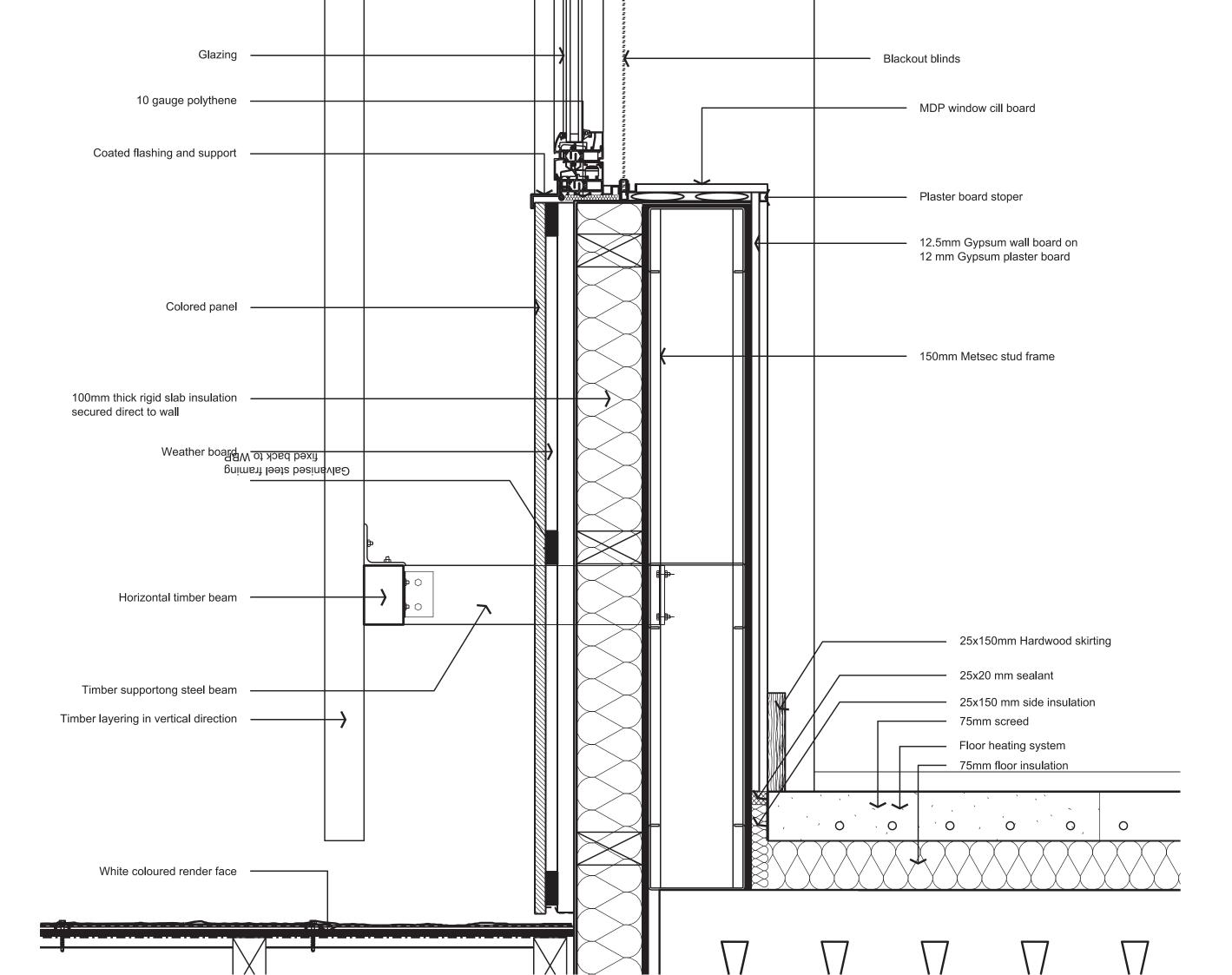


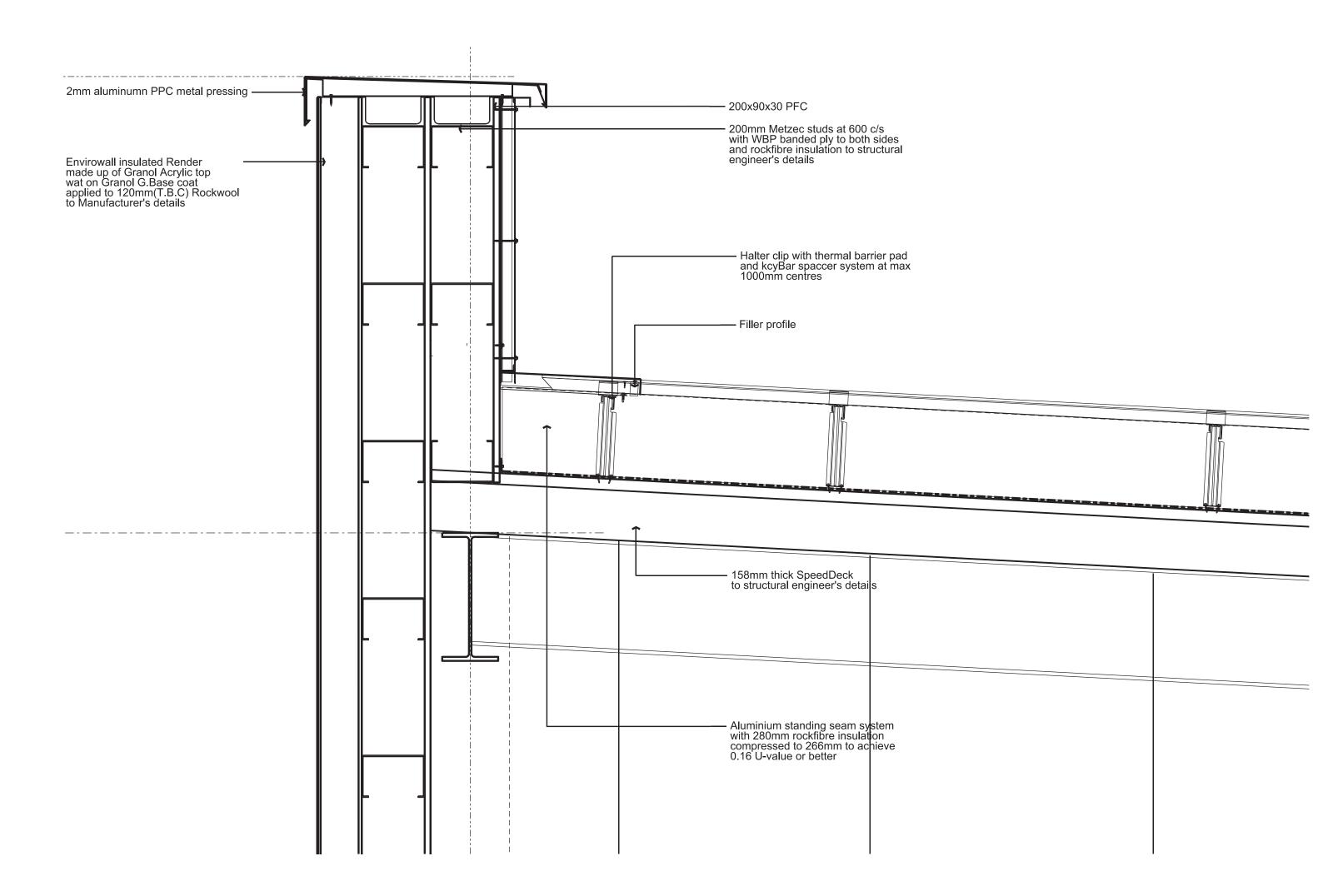


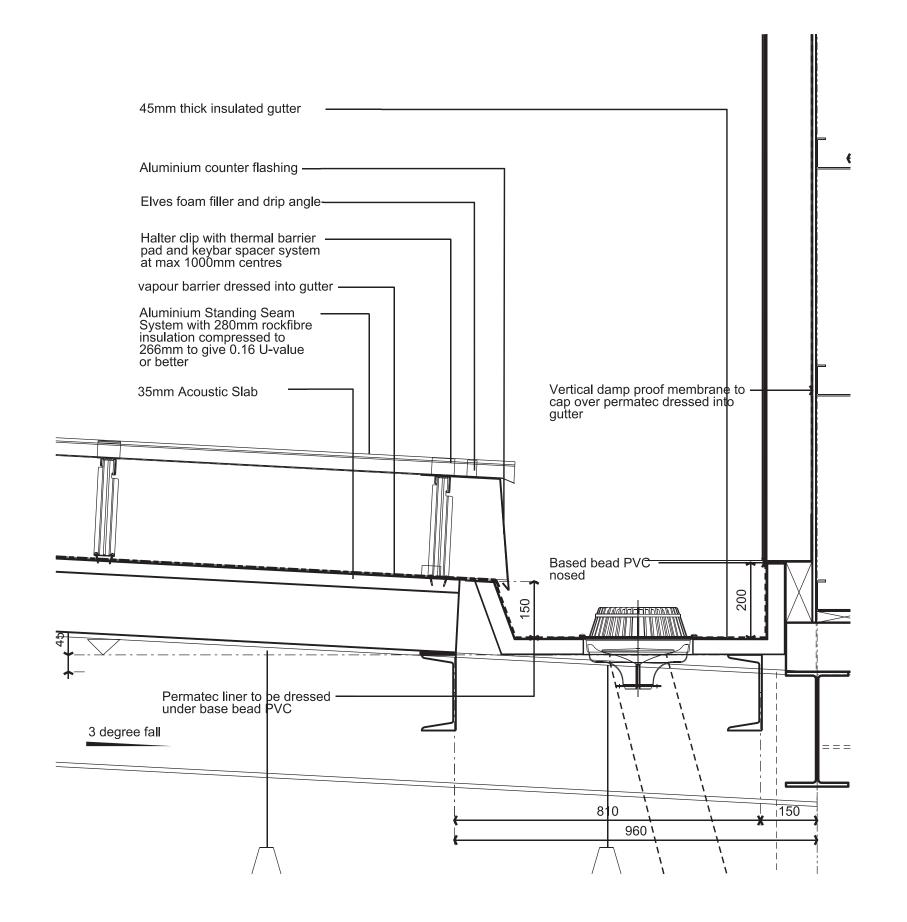




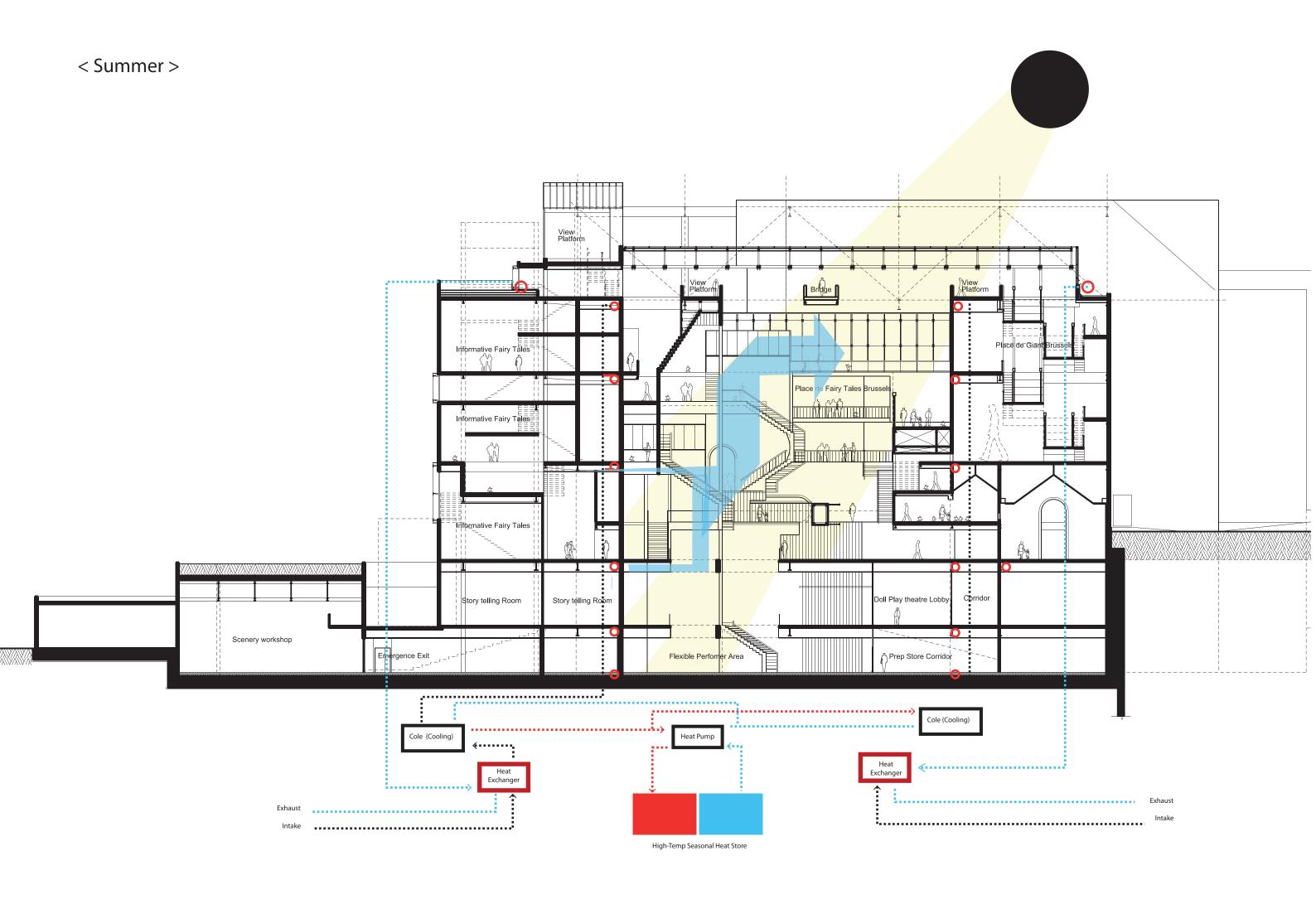


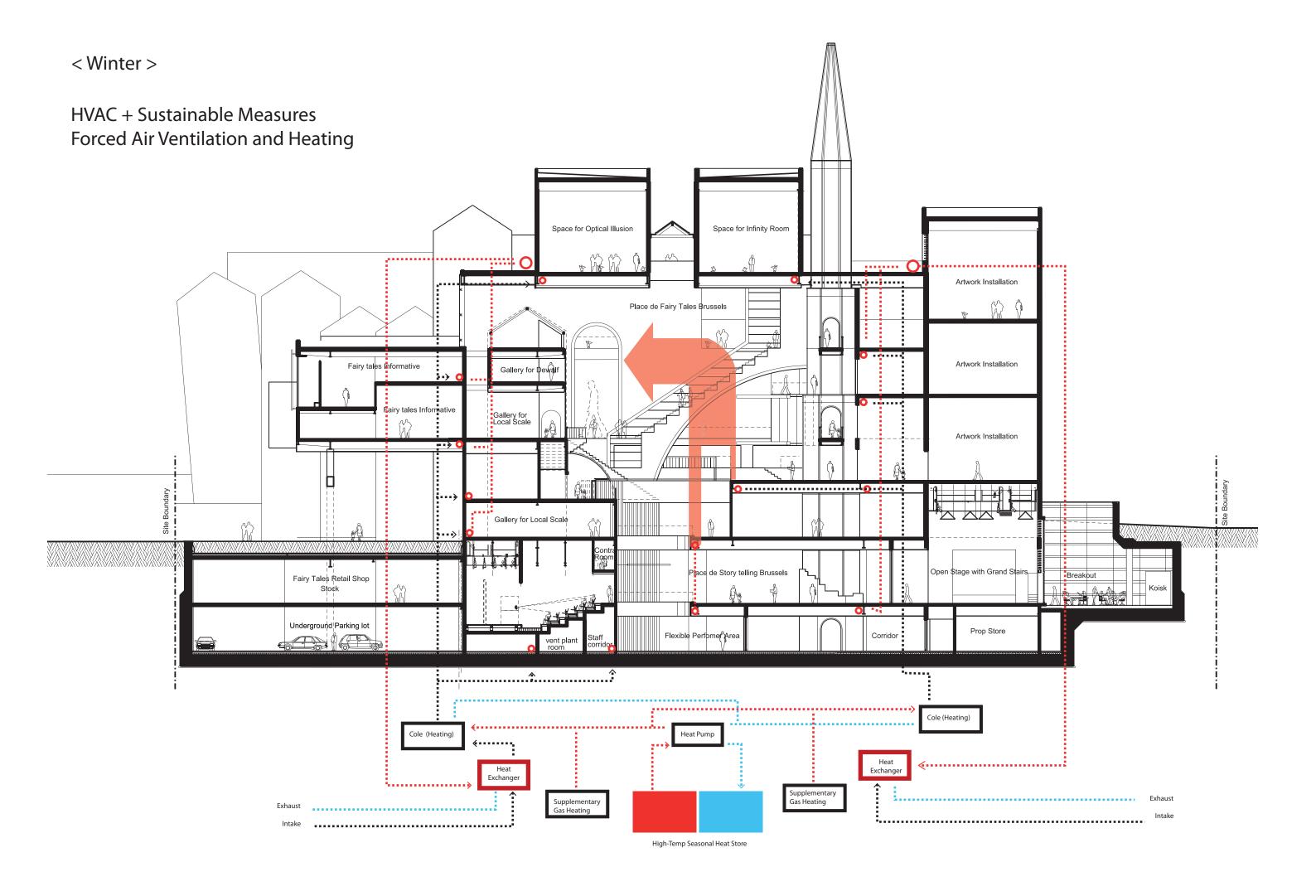






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