Internally expanding and reevaluating the Stockholm City Library

Project book

28th of June 2024

Jan Yke van den Bogert

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- Perimeter halls and rotunda

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- What is poché
- Climate
- Servant spaces

The Stockholm City Library

The Stockholm City Library

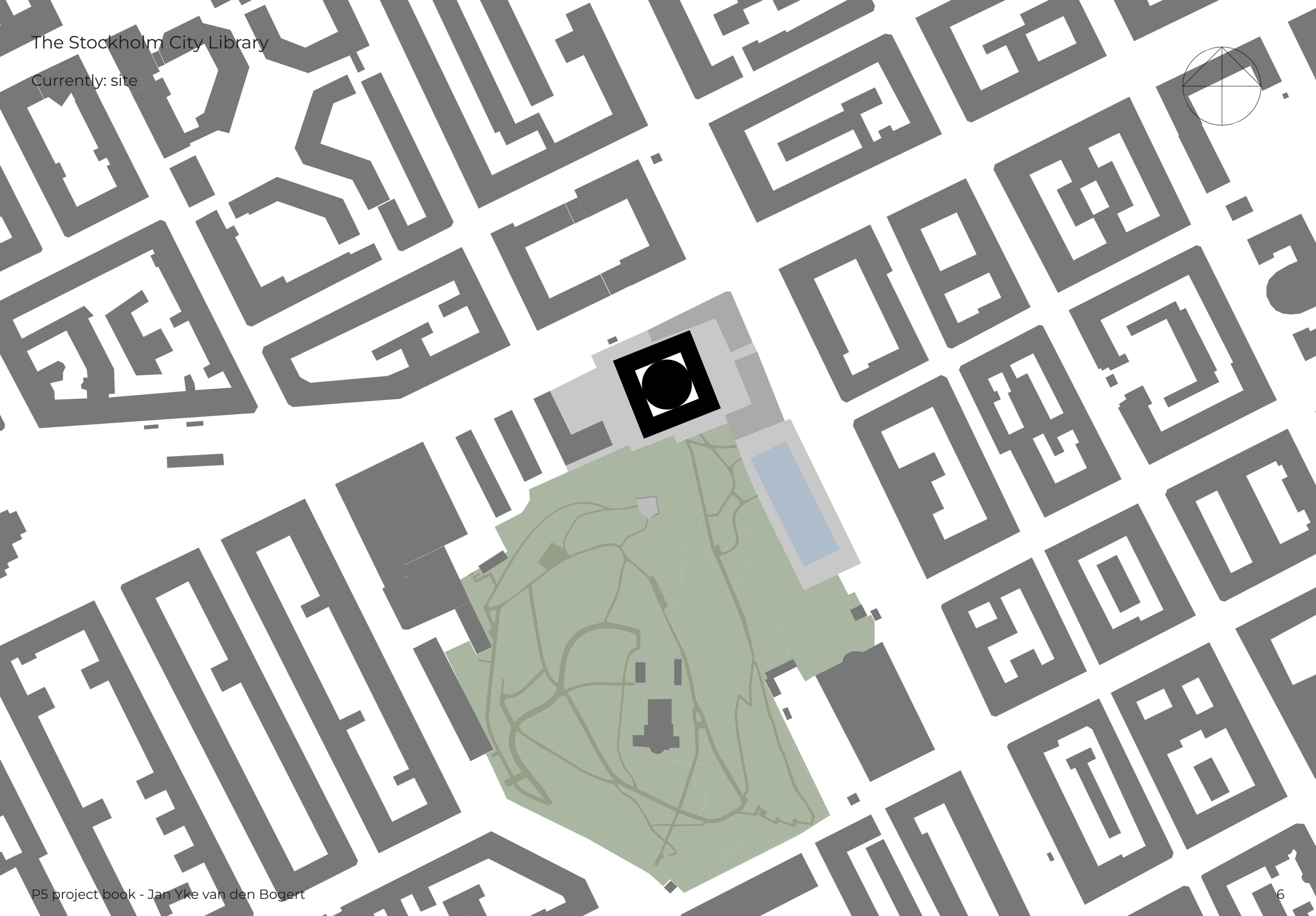
Currently: exterior

The Stockholm City Library

Currently: city

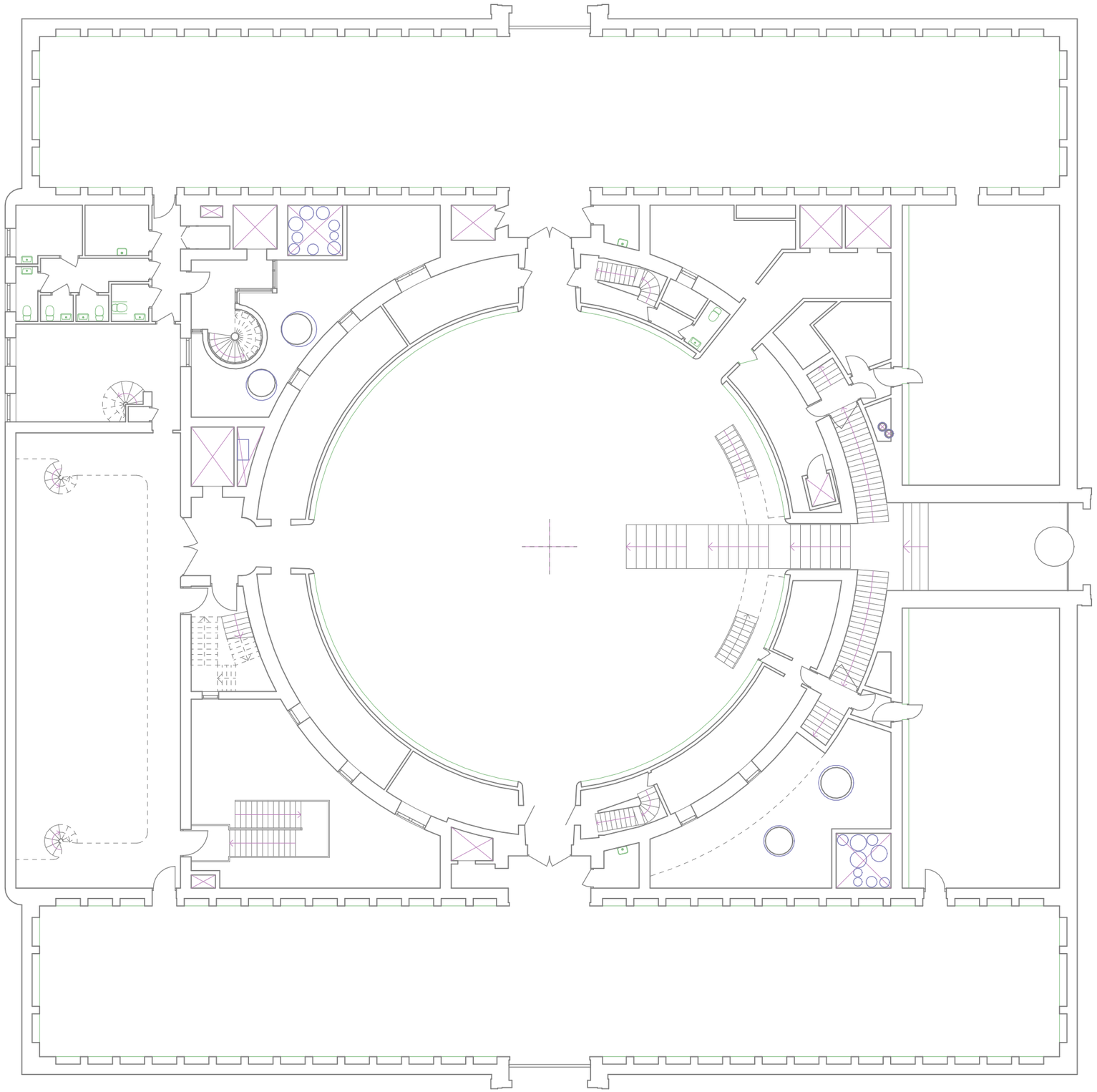
The Stockholm City Library

Currently: site



The Stockholm City Library

Currently: building

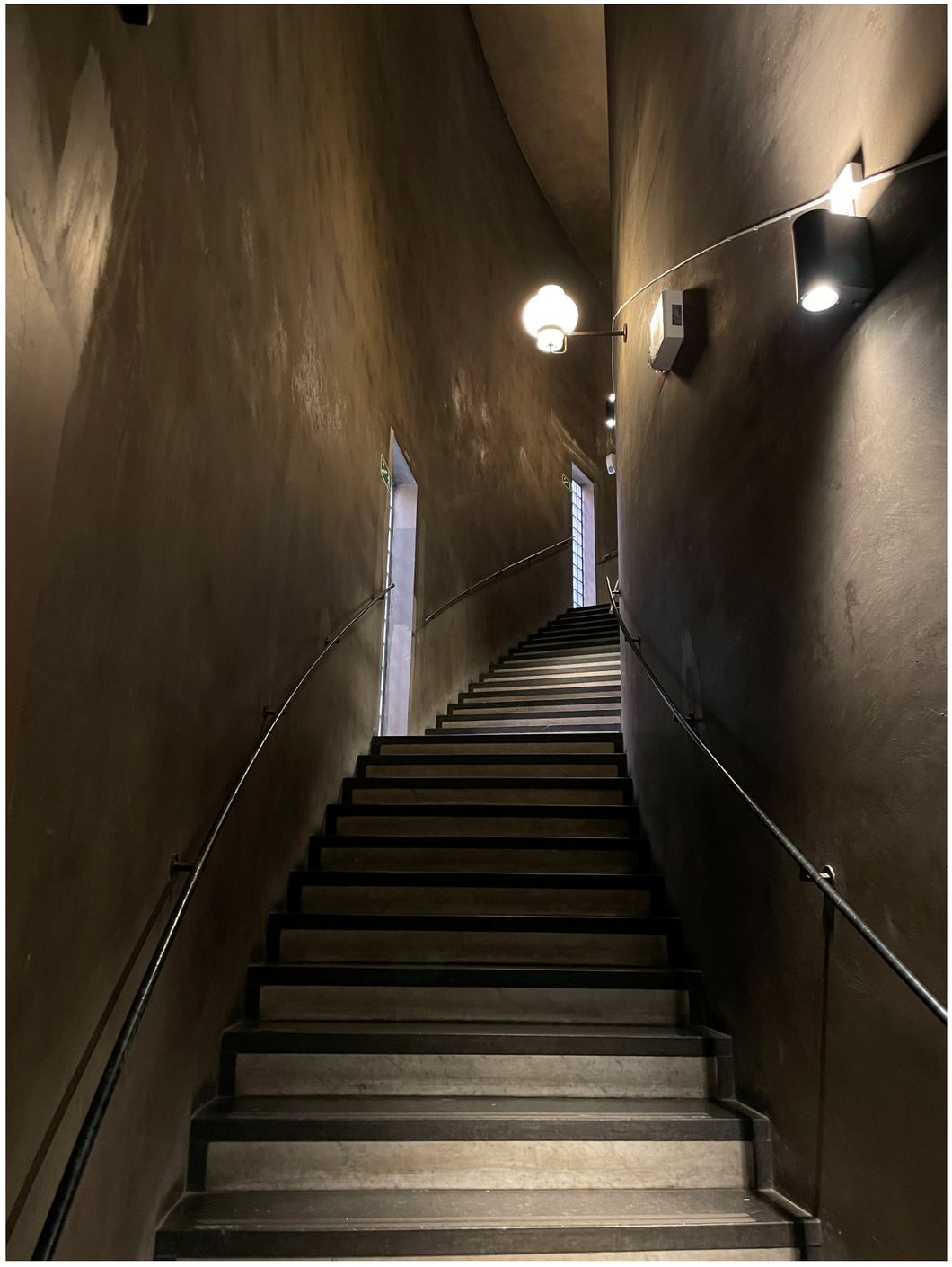


The Stockholm City Library

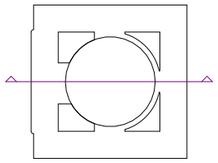
Currently: interior

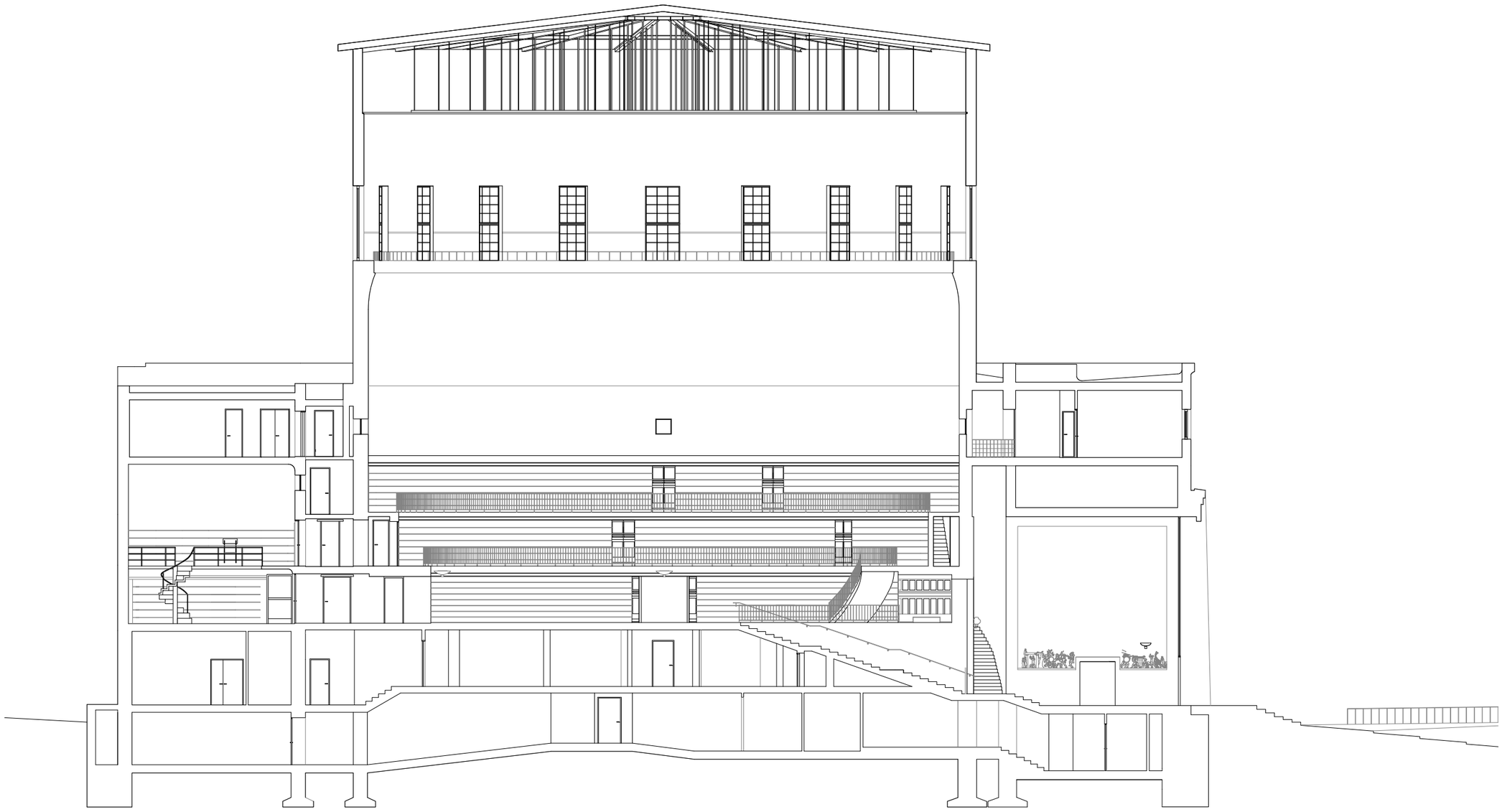
The Stockholm City Library

Currently: interior



Currently: section



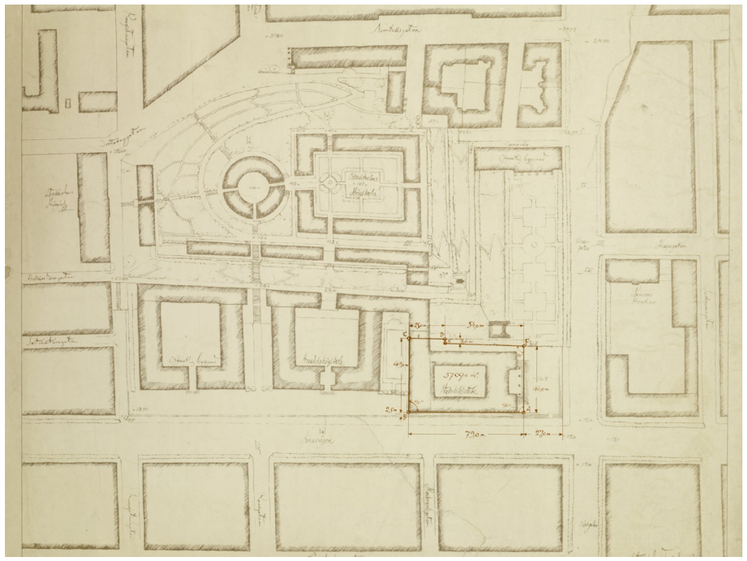


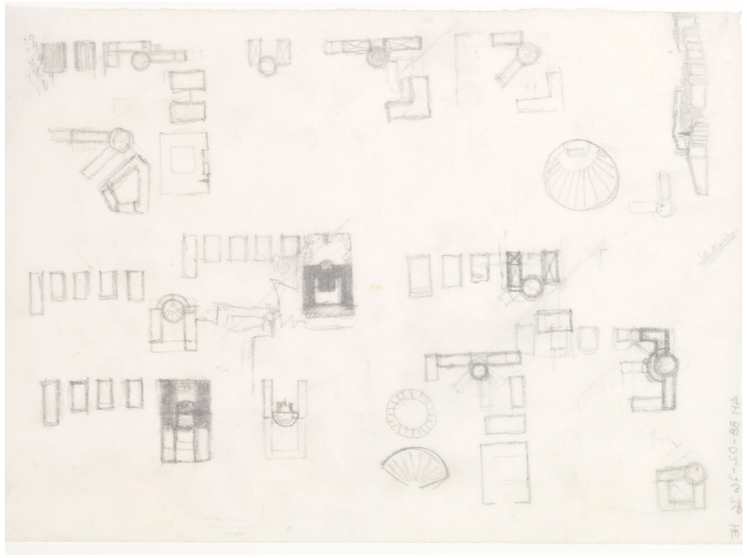
History of the library

History of the library

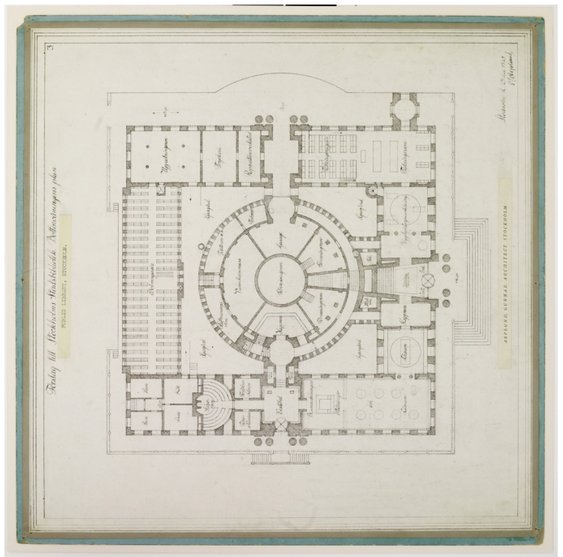
Design process (1920 - 1923)

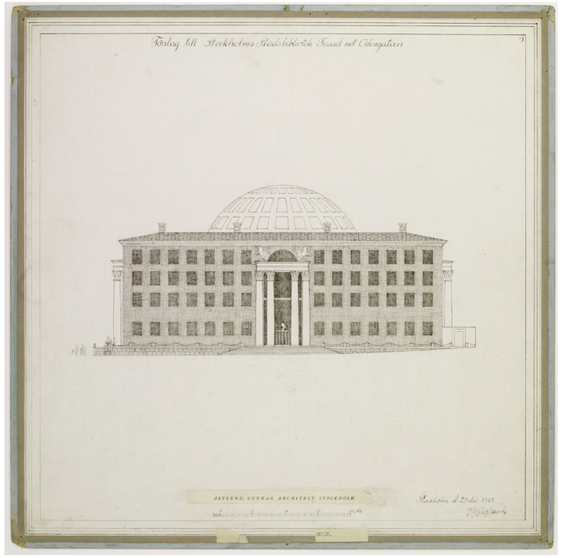
1920



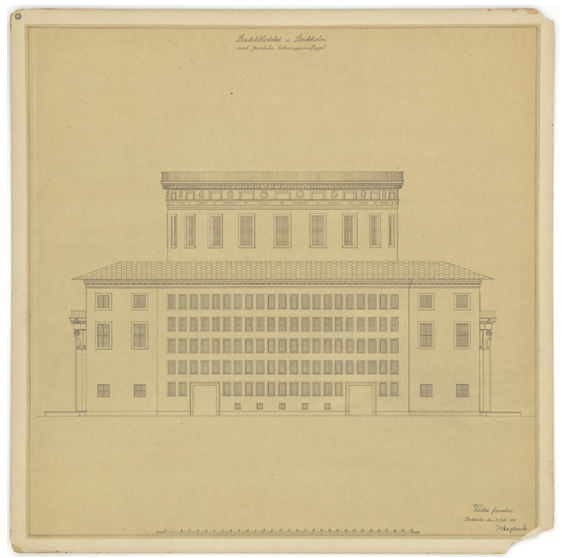


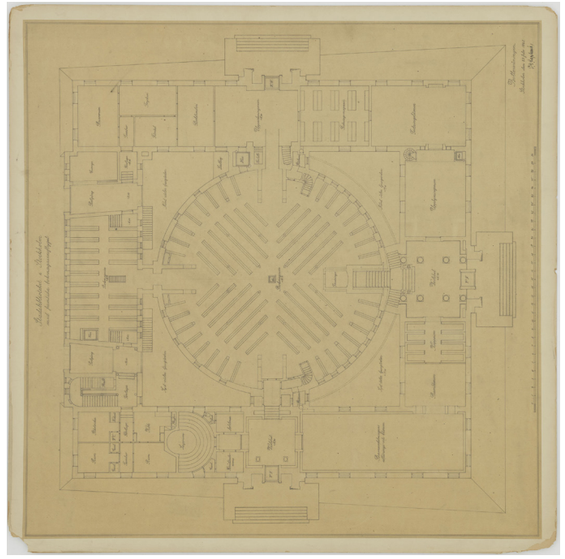
1921



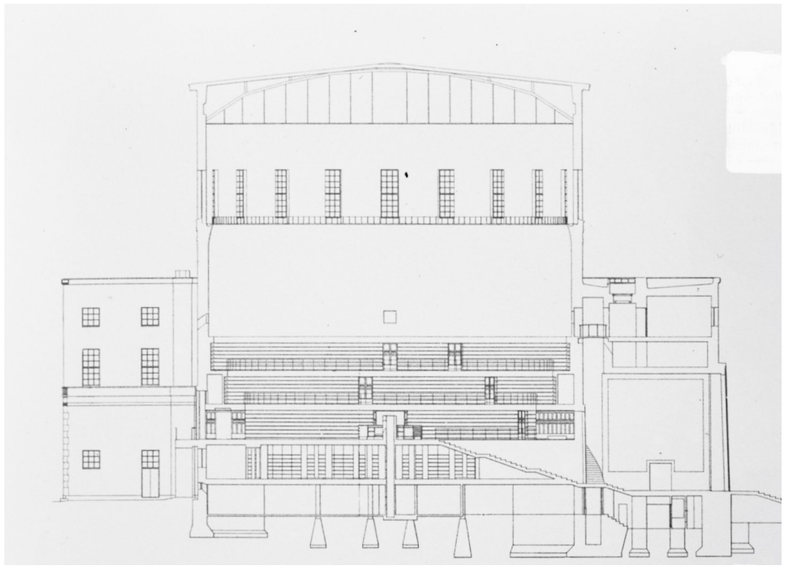


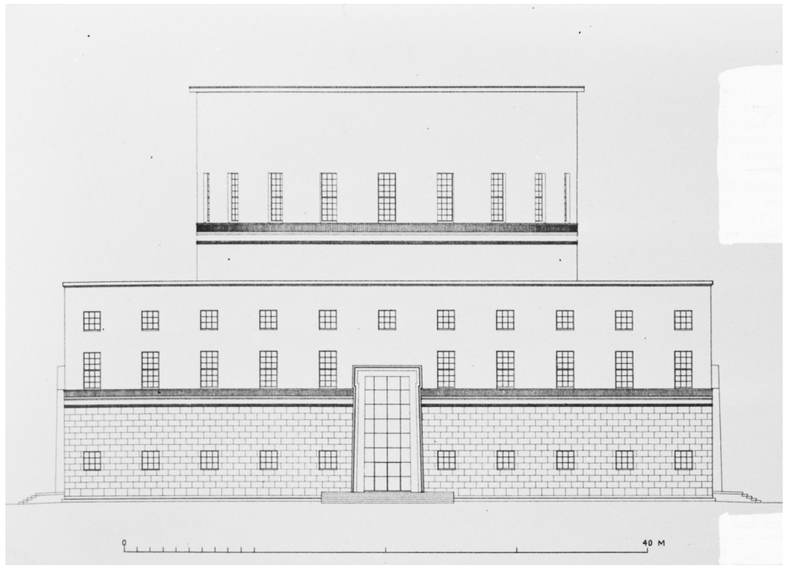
1923





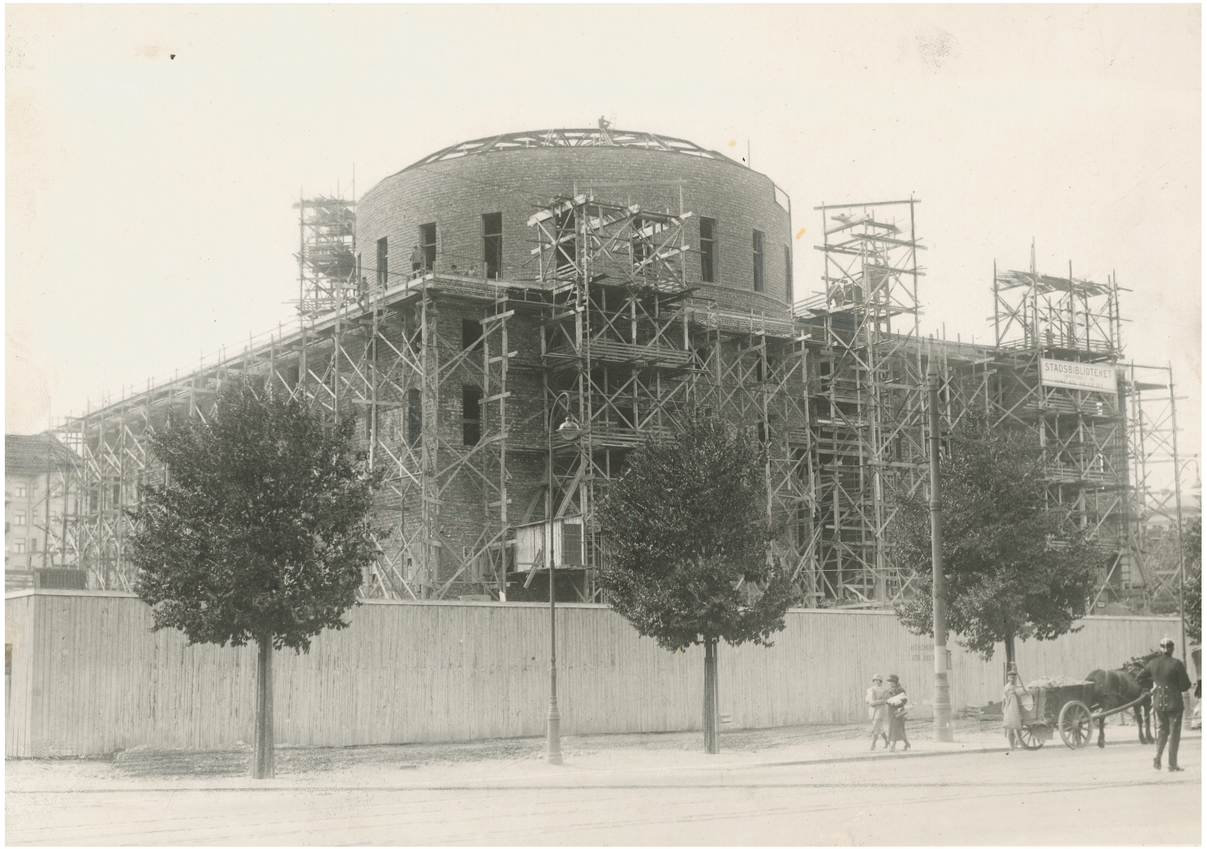
Final plan (1924)





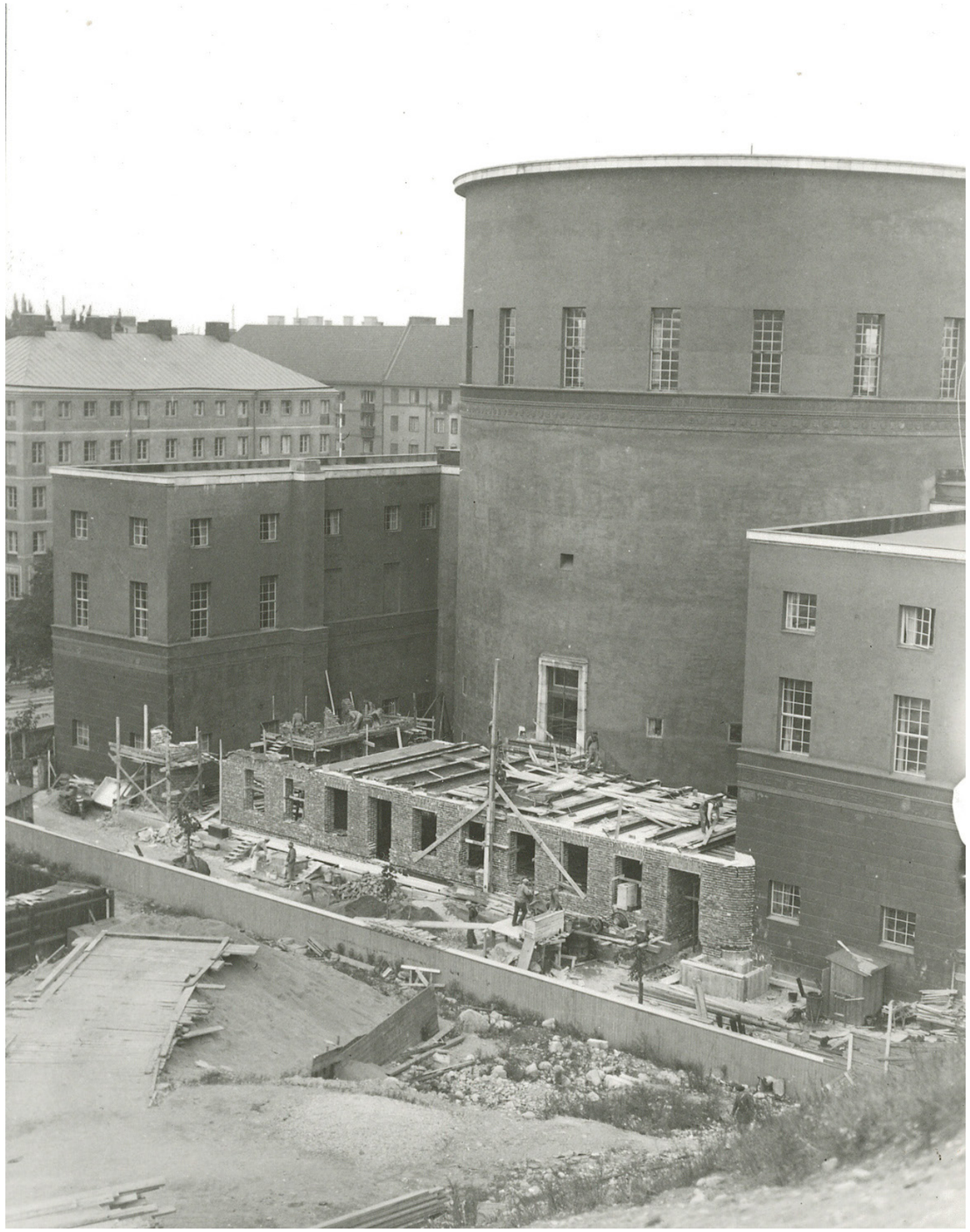
History of the library

Construction library (1924 - 1928)

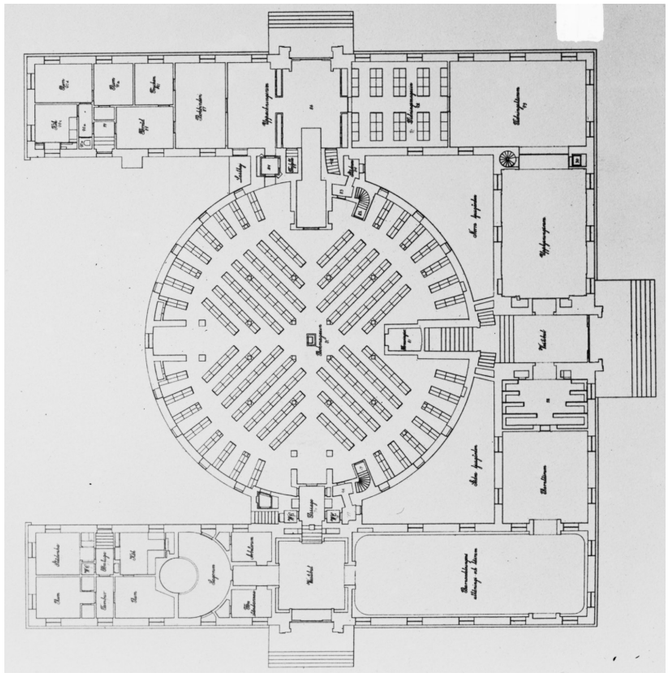


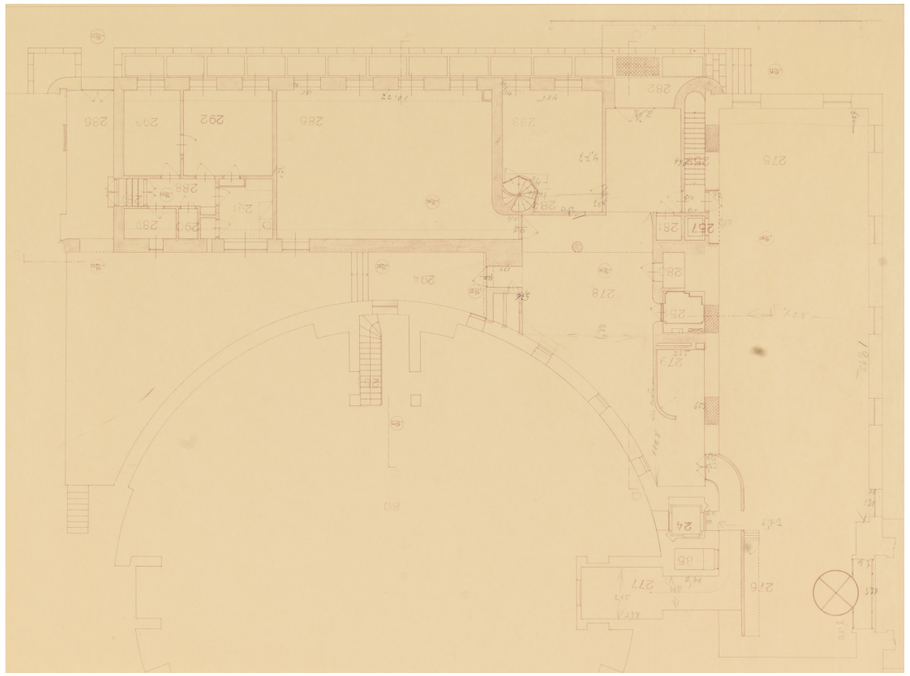
History of the library

Construction west wing (1932)



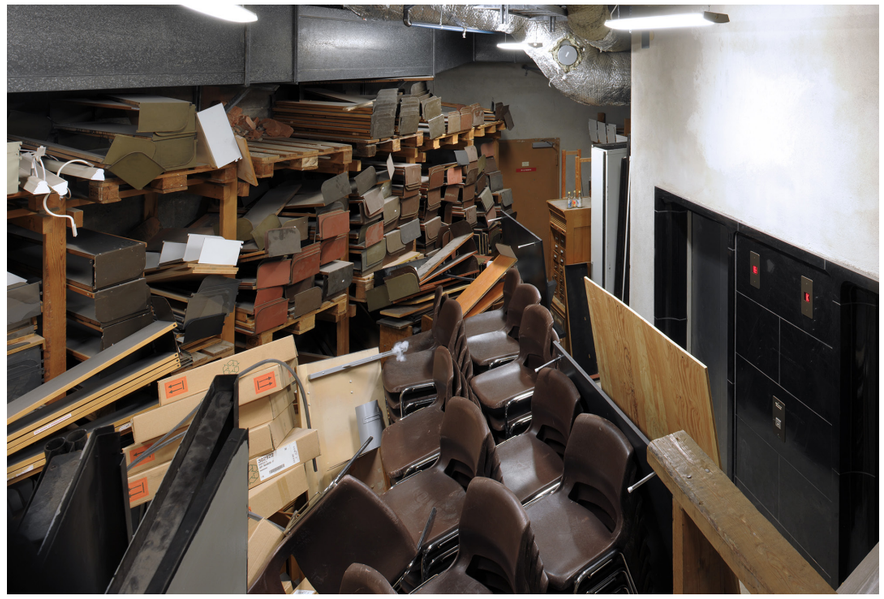
Changes newspaper rooms (1932)





History of the library

Changes by Hans Asplund: elevators (1973-1974) and stairs in rotunda (1979-1981)

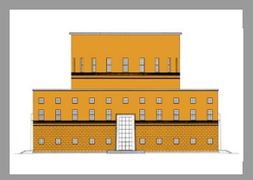


The briefs

/Asplund

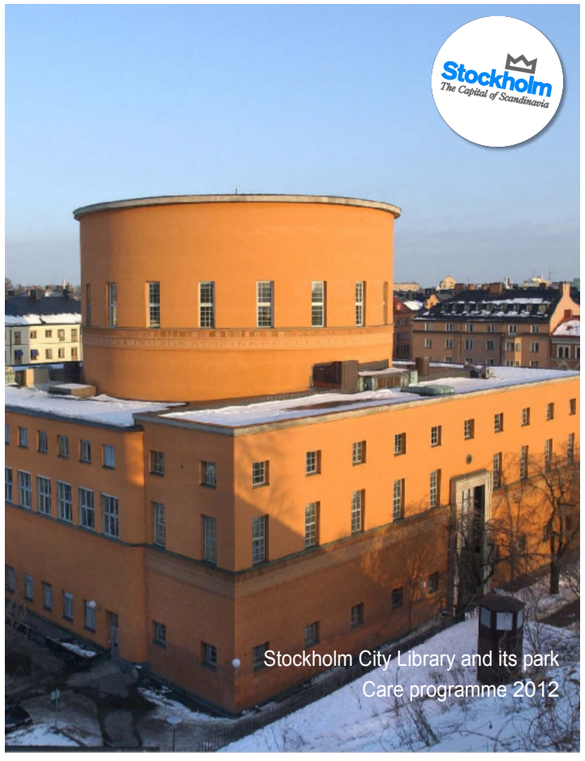
Architectural Competition
The Stockholm City Library

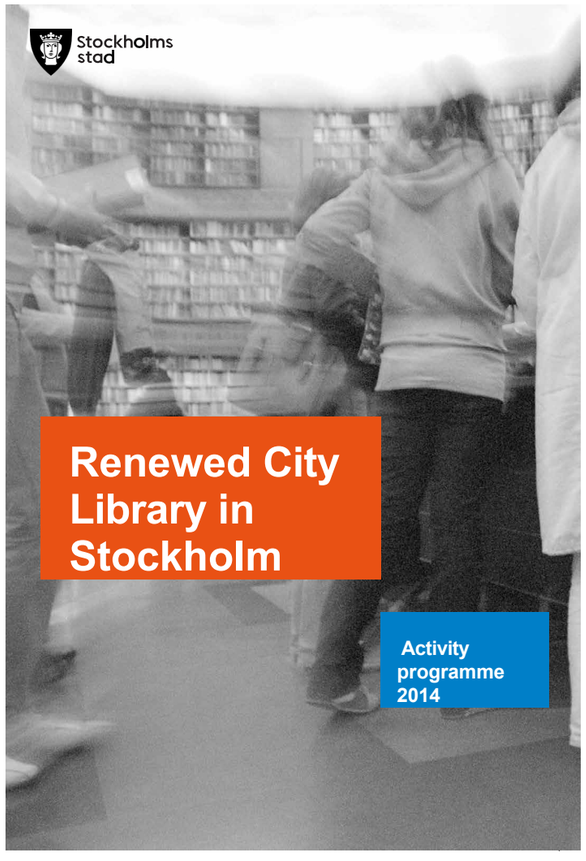
Competition Brief



The briefs

2012 & 2014



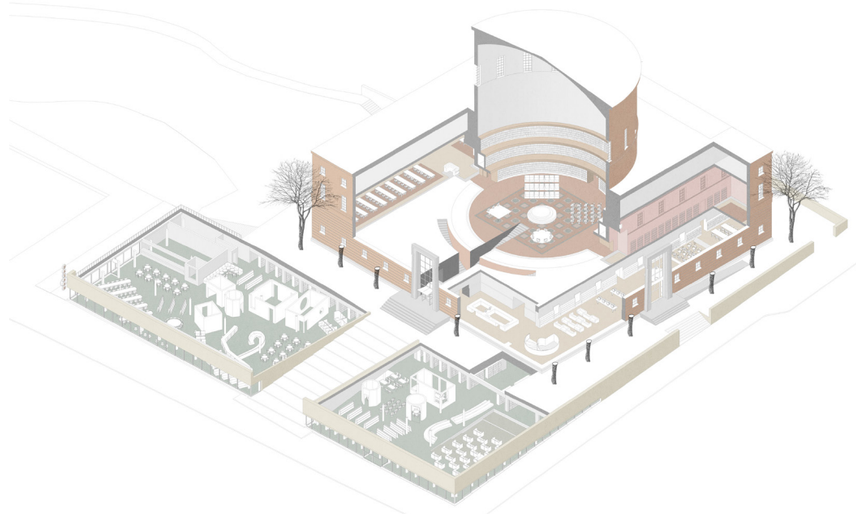


Stockholm City Library Feasibility Study

Stockholms stadsbibliotek, Programhandling (26.09.2016)

Appendix/ *Bilagor*

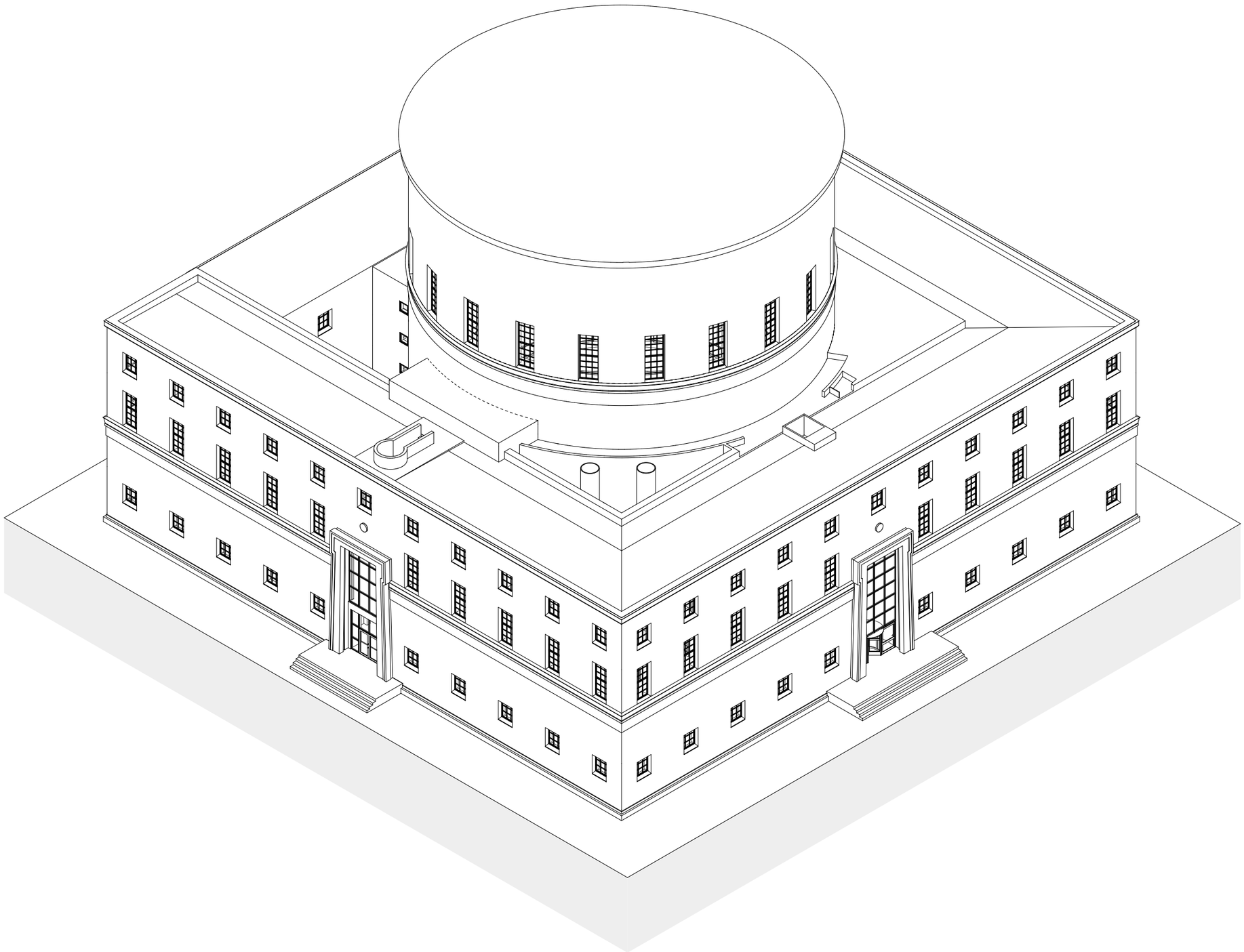
Stockholms stad



Positioning based on the briefs

Positioning based on the briefs

Focus of the project

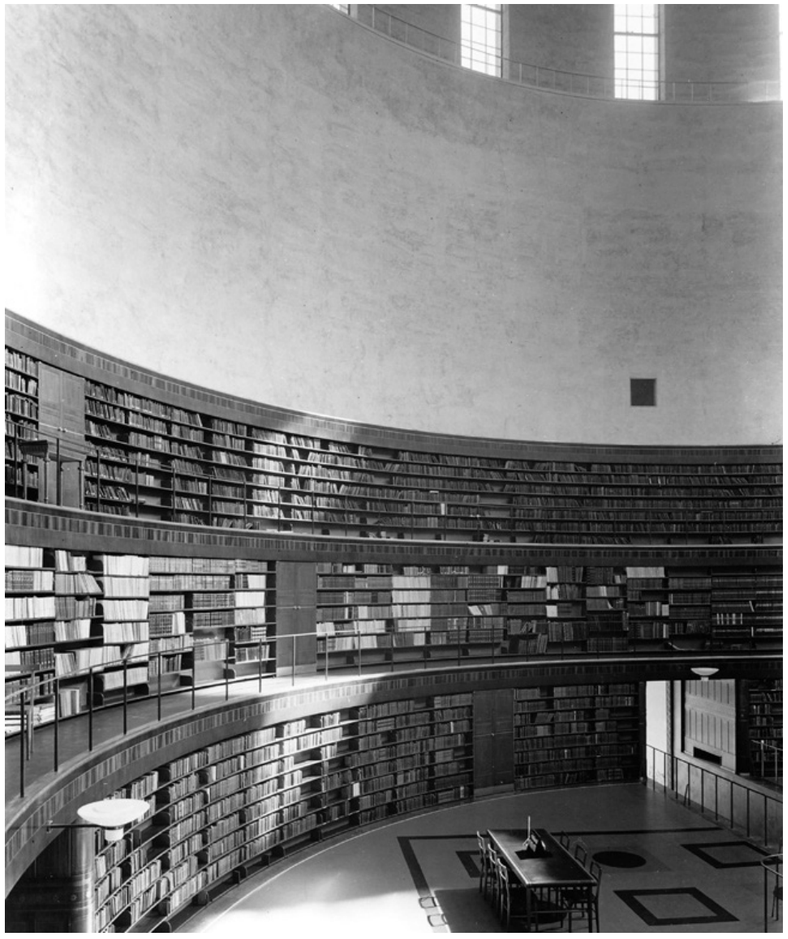


Positioning based on the briefs

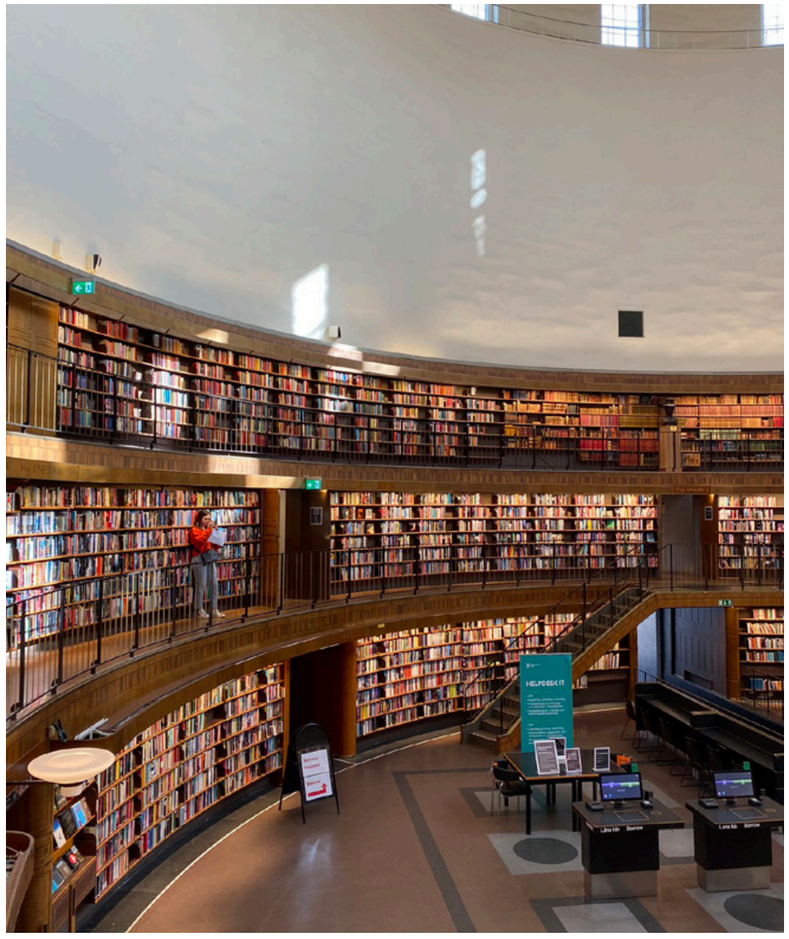
Collective research: 1:25 model of the library

Positioning based on the briefs

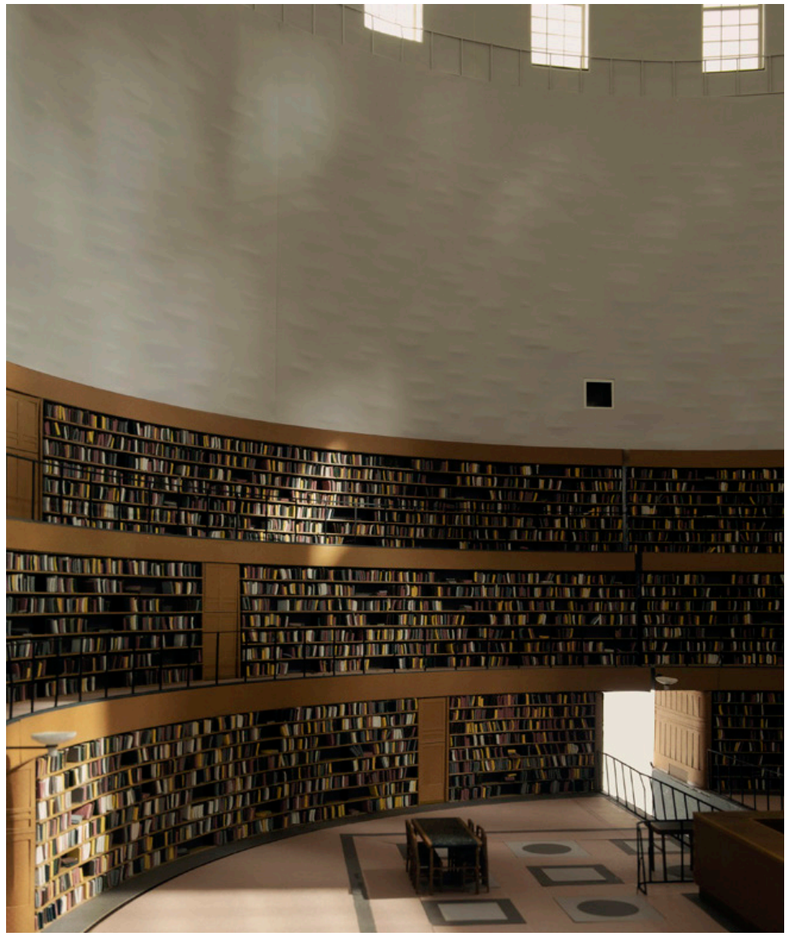
Collective research: 1:25 model of the library



Archival photograph (1928)



Current situation (2023)



Model recreation of archival photograph

Positioning based on the briefs

Collective research: 1:25 model of the library

Archival photograph (1928)

Current situation (2023)

Model recreation of archival photograph

Positioning based on the briefs

Innovative programme in 1928

Children’s library

Open stacks

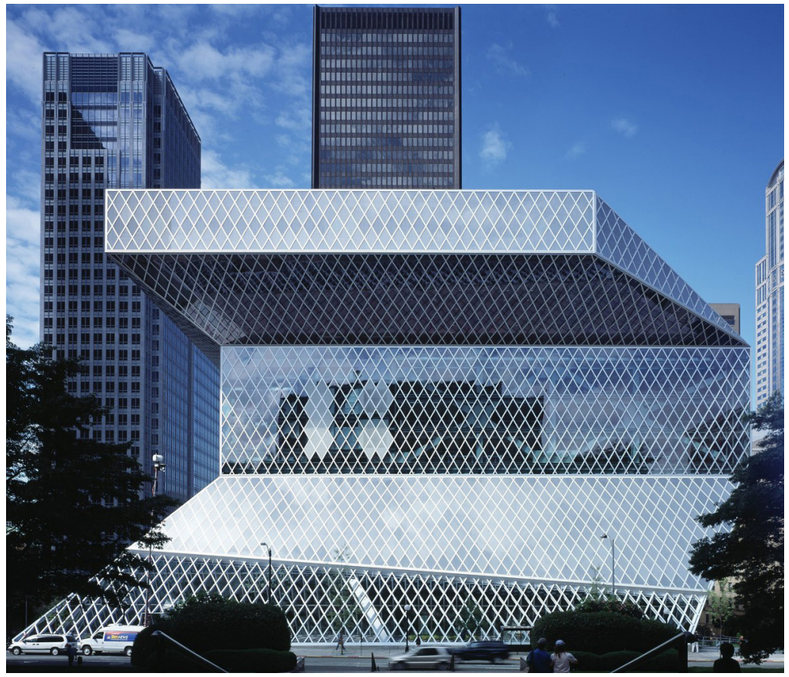
Group working rooms

Positioning based on the briefs

Collective research: the contemporary library

Bibliothèque nationale de France, Salle Labrouste (1868)

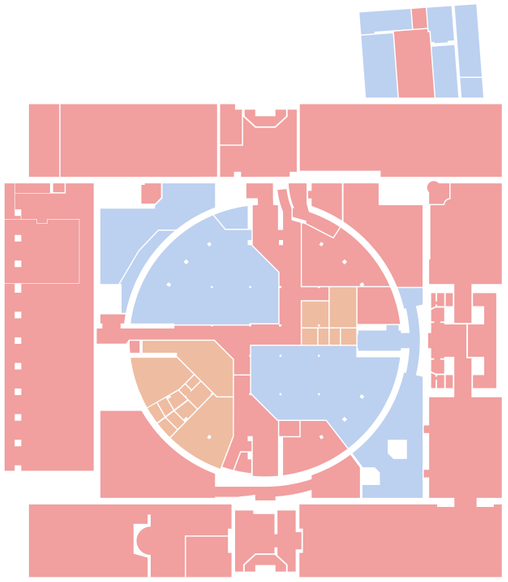
Viipuri library (1935)



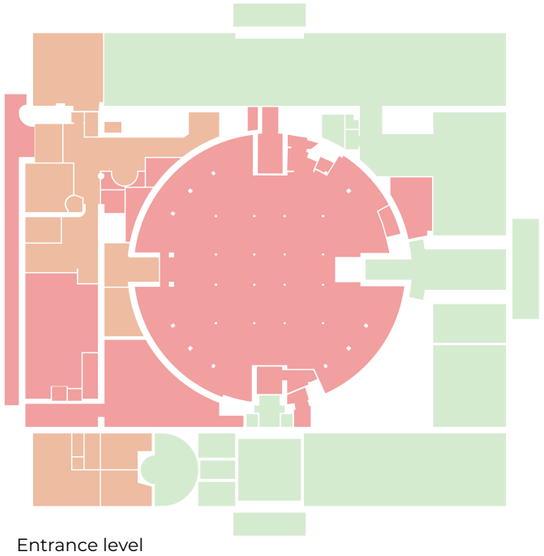
Seattle Central Library (2004)

Positioning based on the briefs

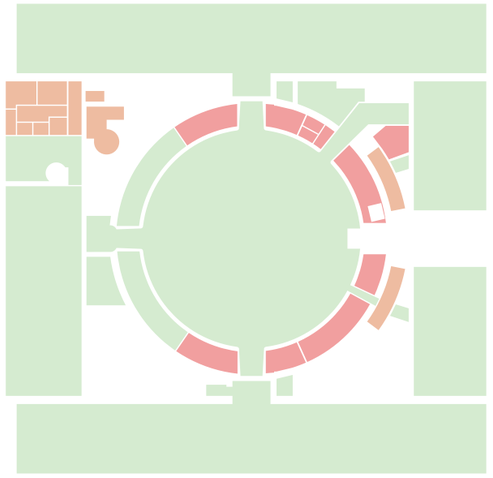
A skew division of program



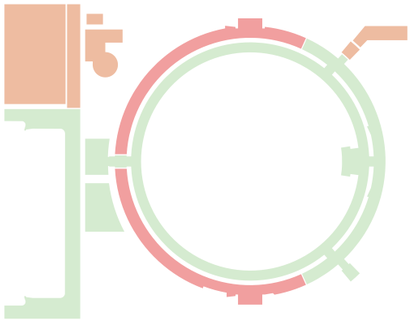
Basement



Entrance level

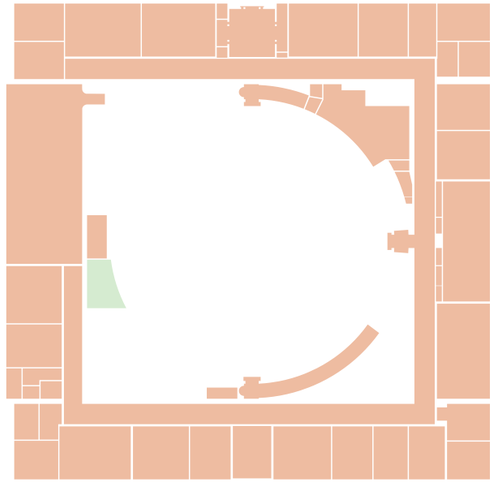


Rotunda level



First gallery

Second gallery



Office floor

Depository Media Managment

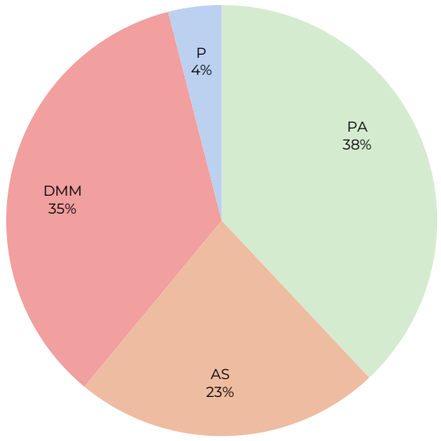
Administration and Staff

Public Areas

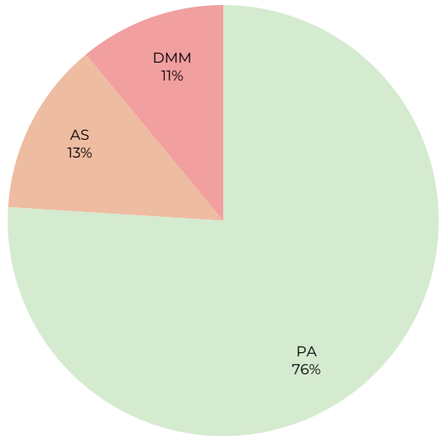
Plant

Positioning based on the briefs

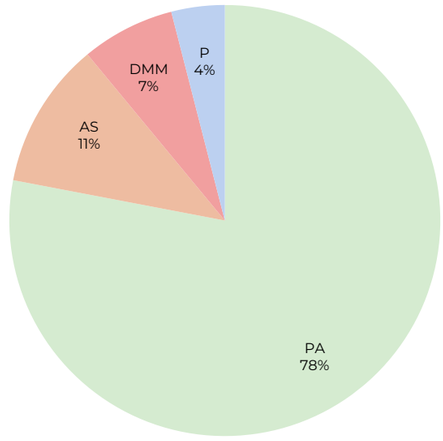
A skew division of program



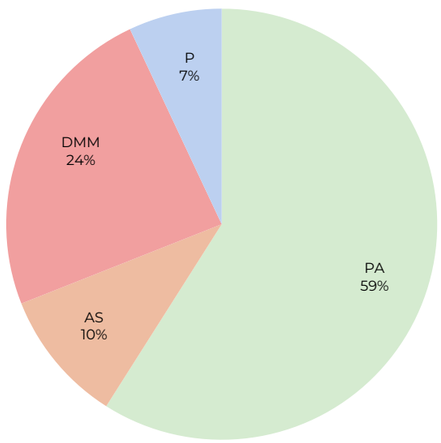
Current situation



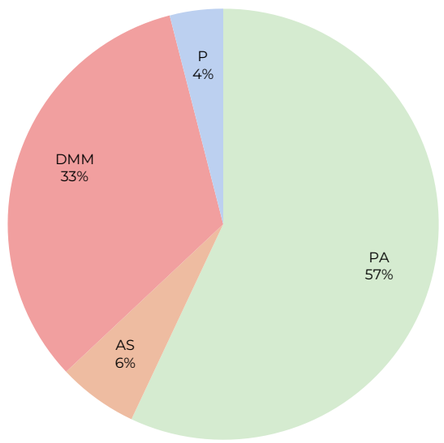
2006 brief



Predikheren Mechelen



CSTJ proposal

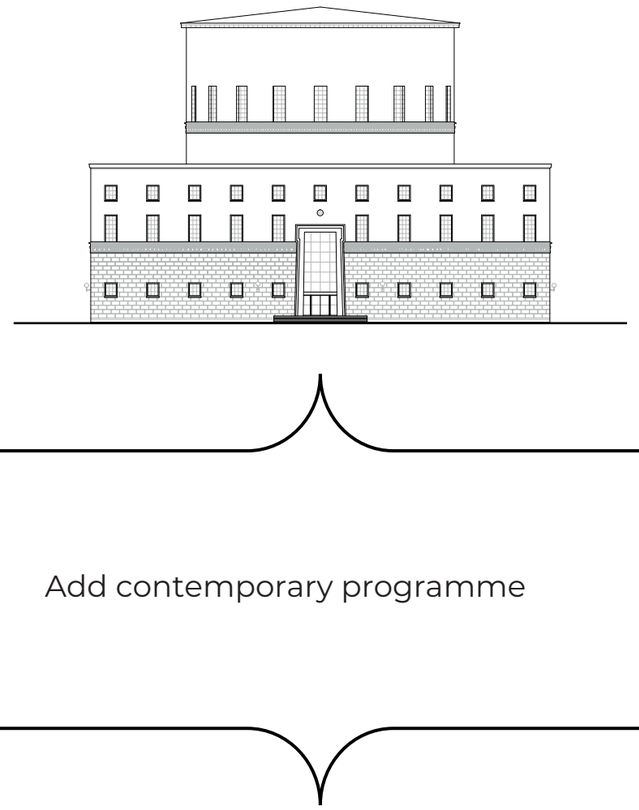


International library

Depository Media Managment
Administration and Staff
Public Areas
Plant

Positioning based on the briefs

What to work on



Restore & conserve

Add contemporary programme

Improve usage of building

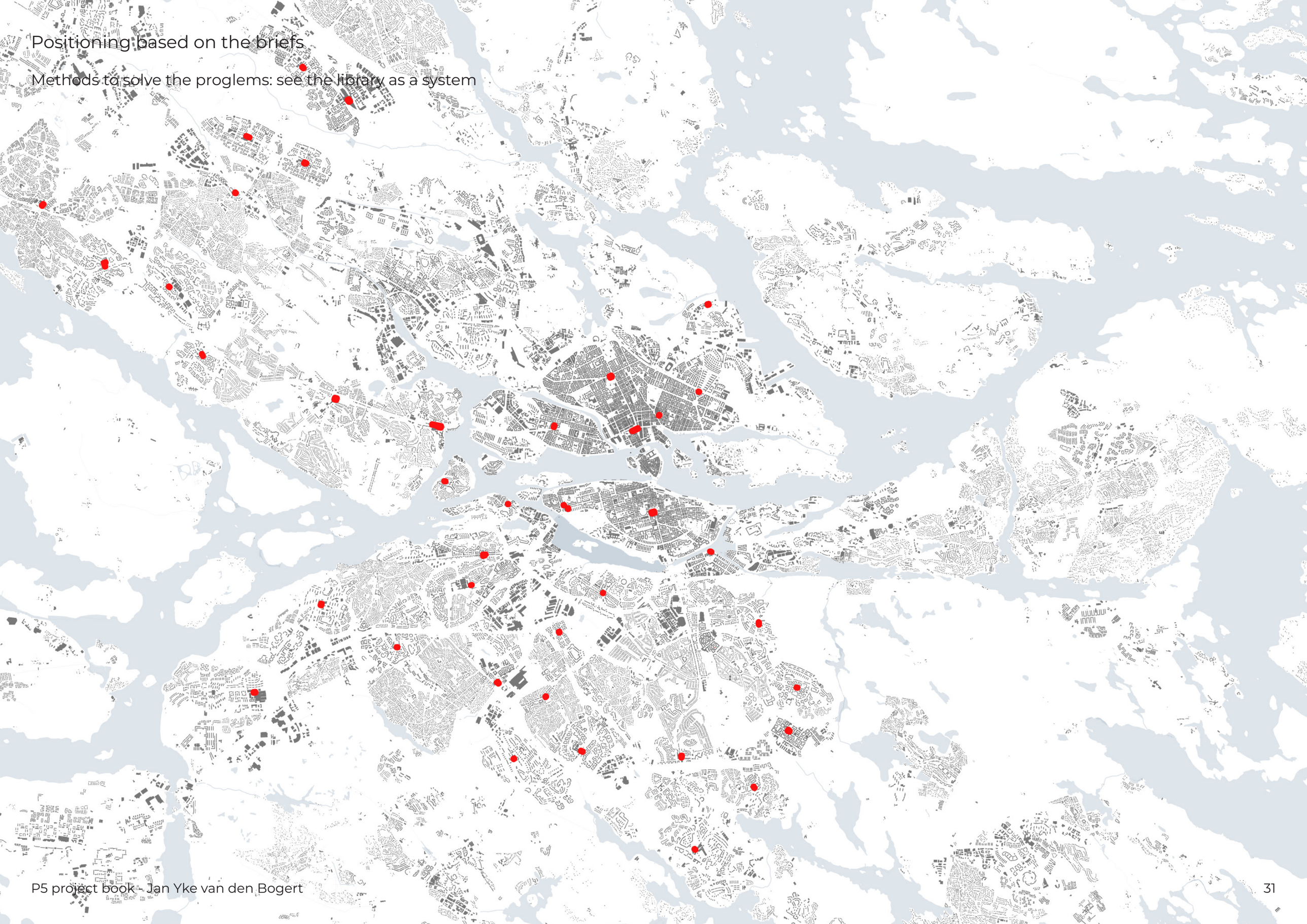
Relieve of programme

Shuffle programme

Find and use opportunities

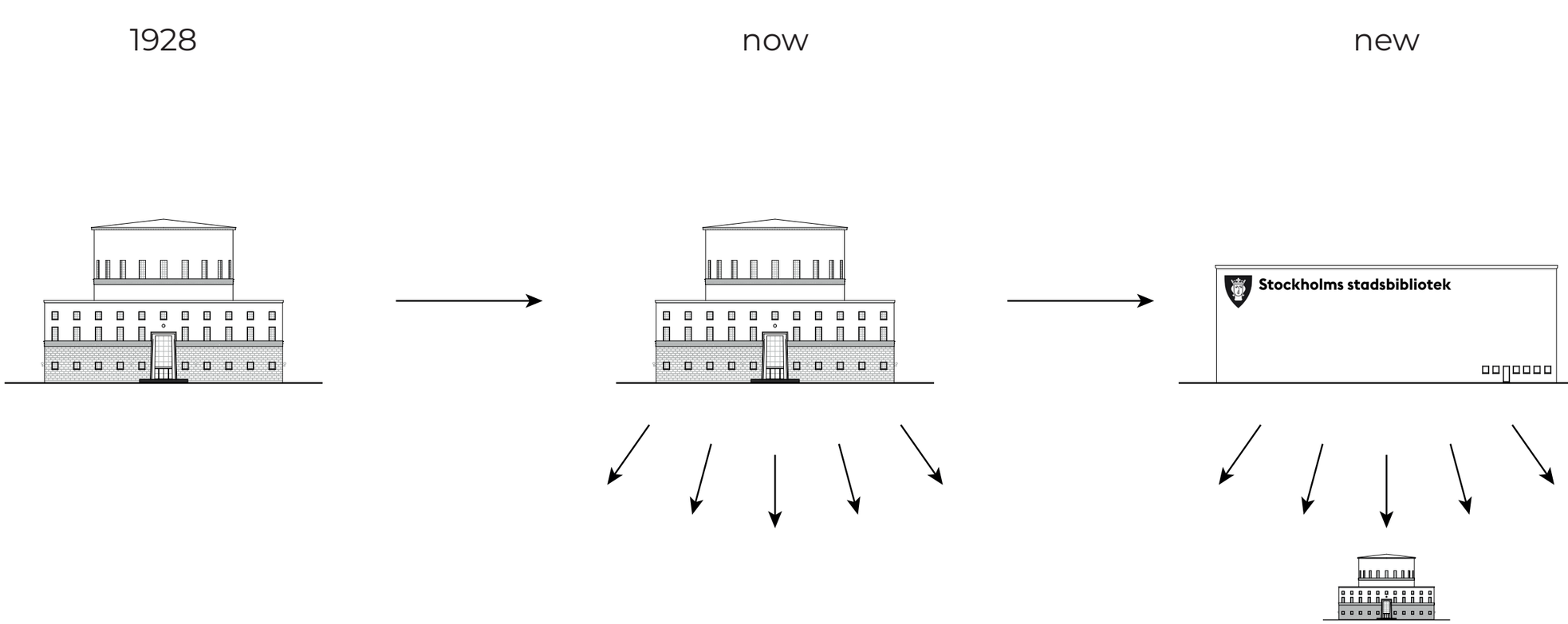
Positioning based on the briefs

Methods to solve the proglems: see the library as a system



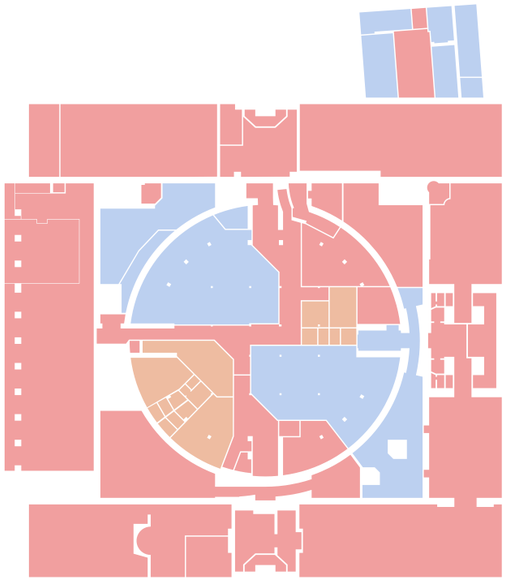
Positioning based on the briefs

Methods to solve the proglems: see the library as a system

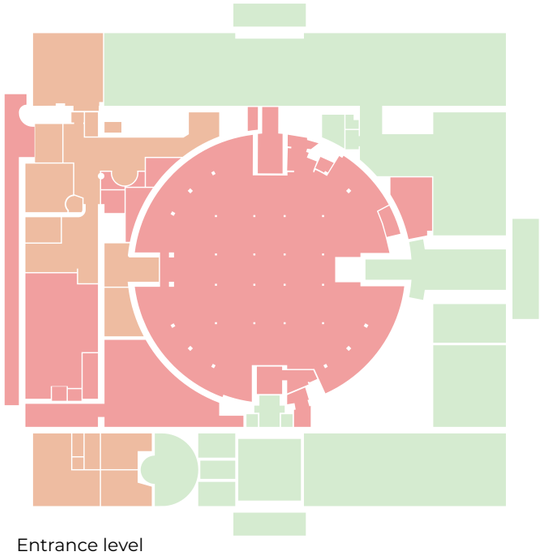


Positioning based on the briefs

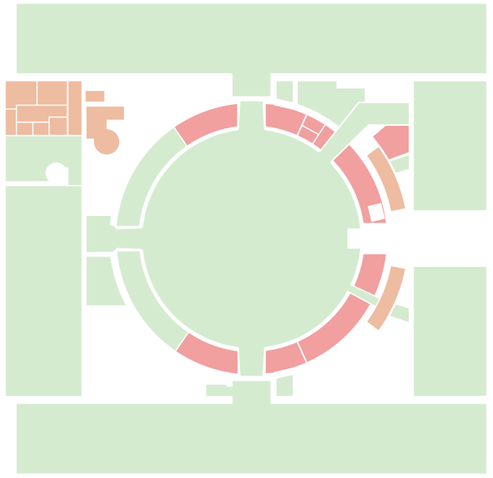
Methods to solve the proglems: shuffle programme



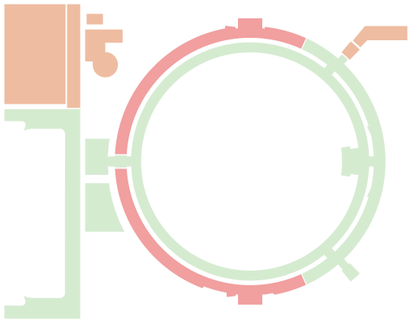
Basement



Entrance level



Rotunda level



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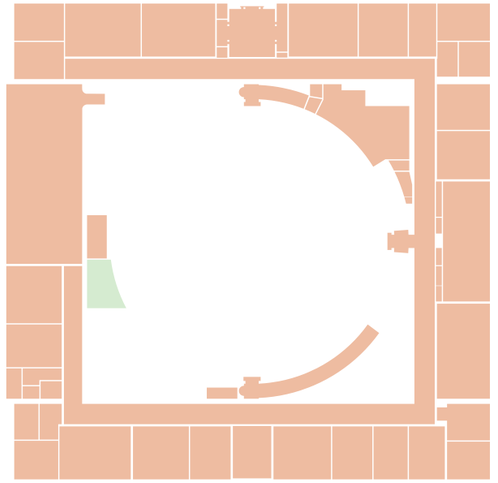

Office floor

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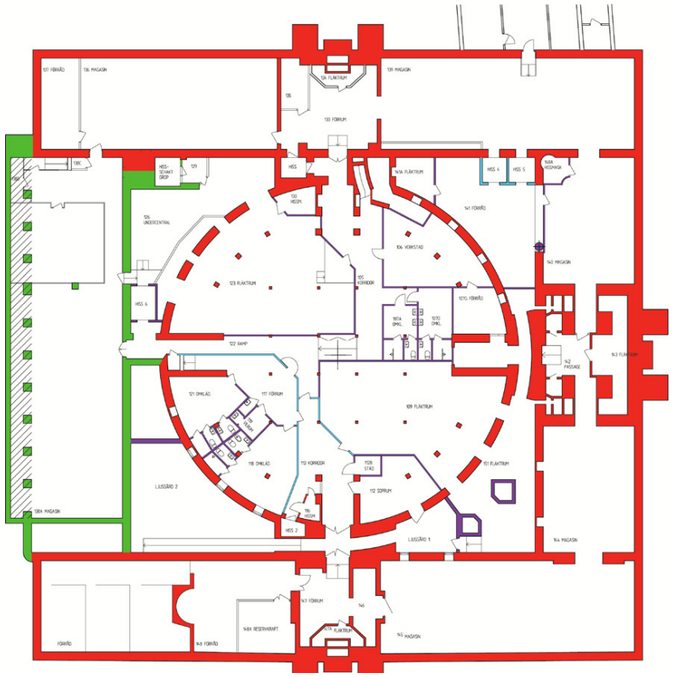
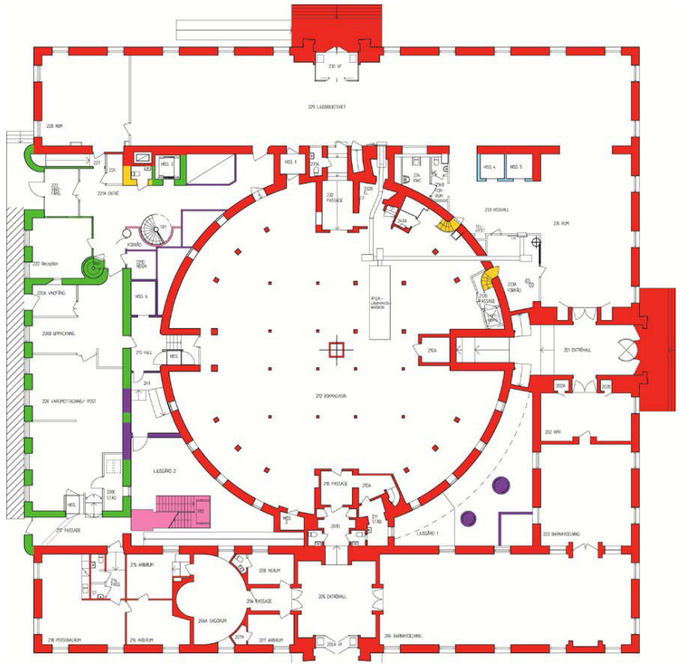
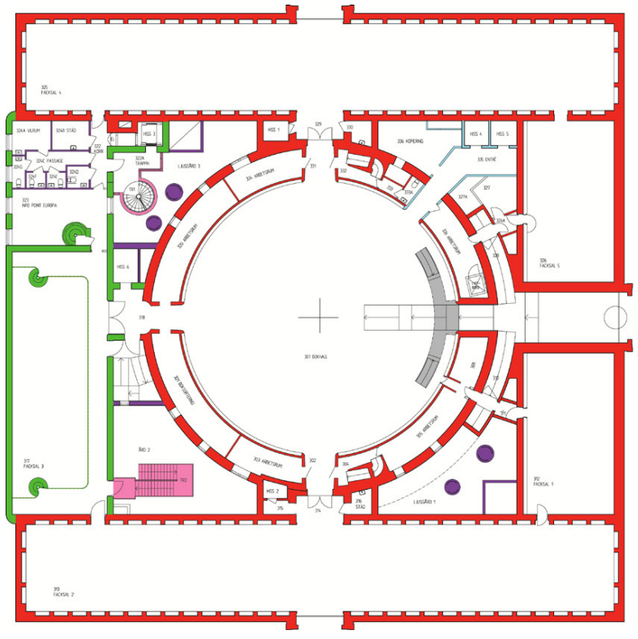
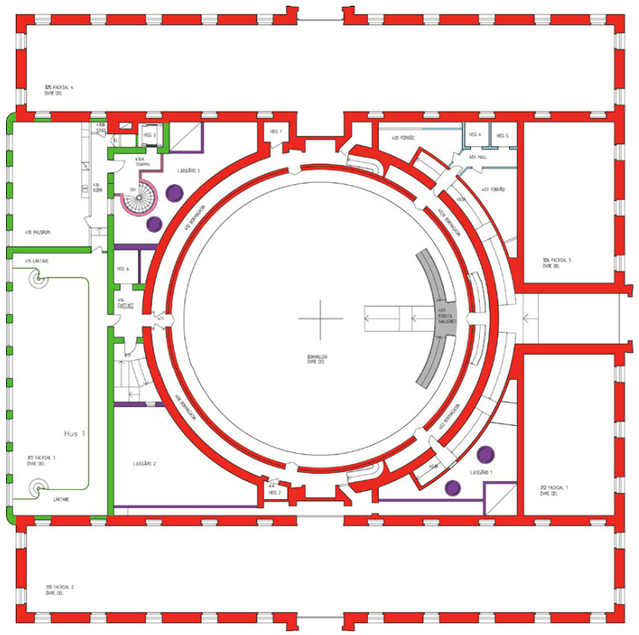
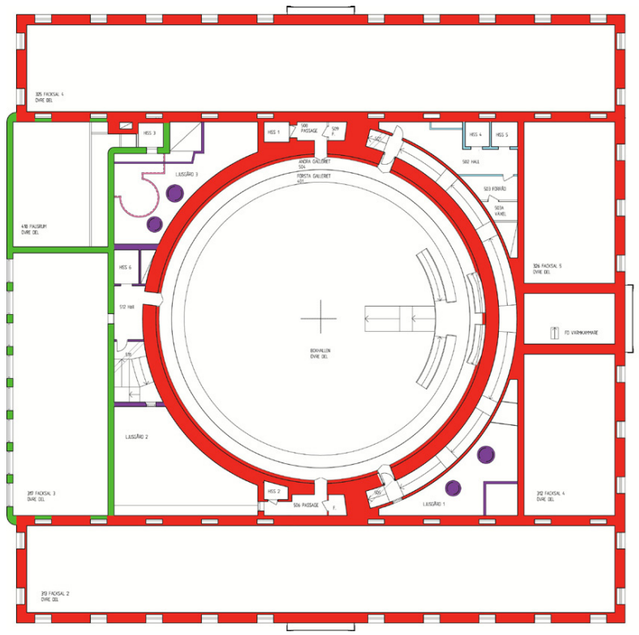
Methods to solve the proglems: find and use opportunities

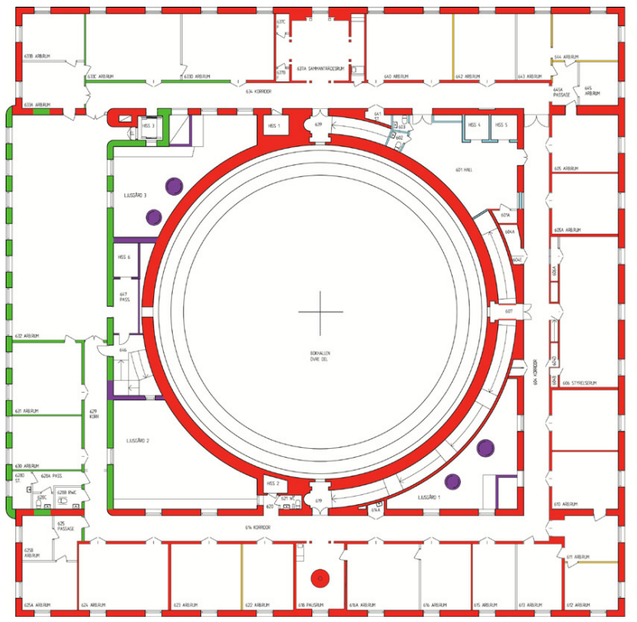










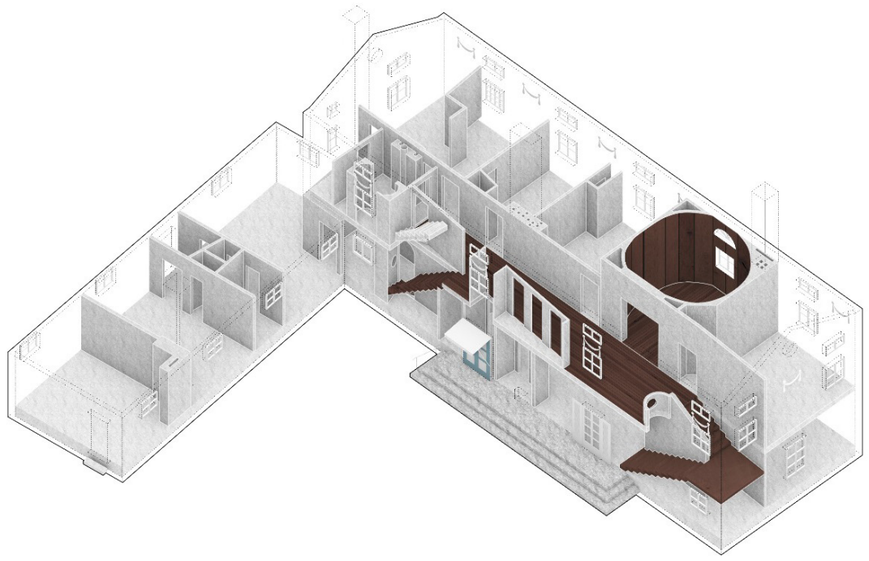


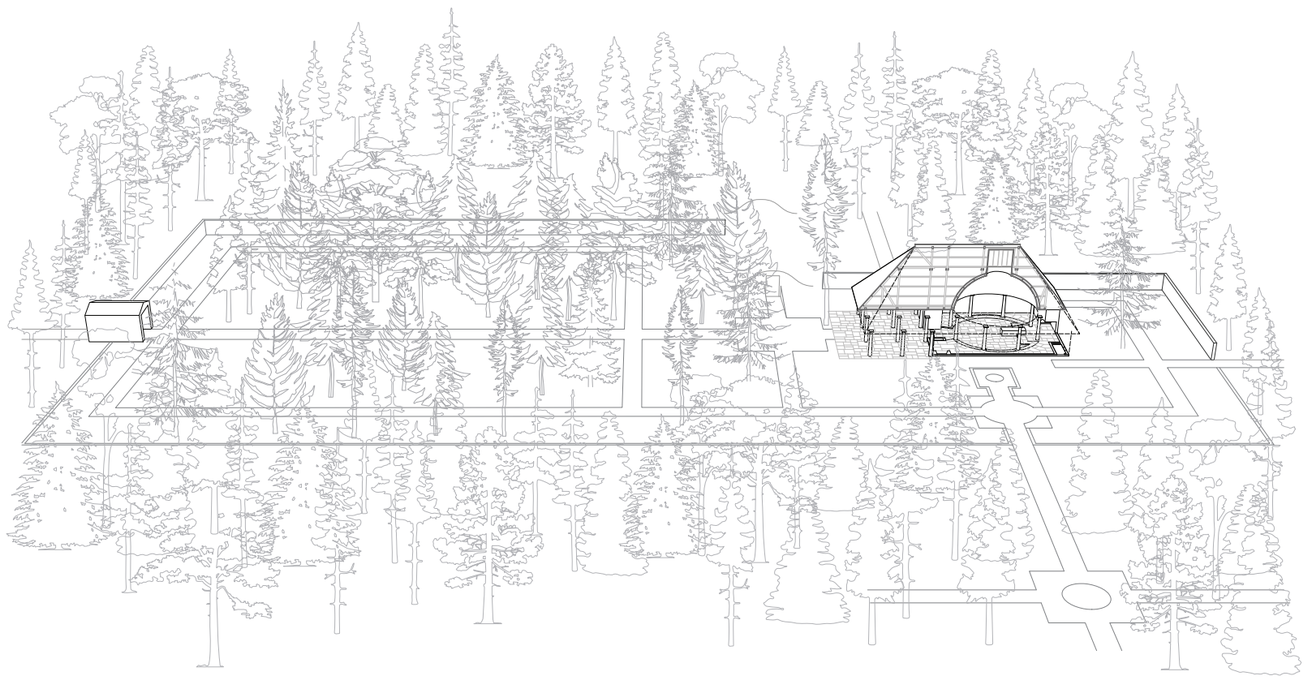
Interventions

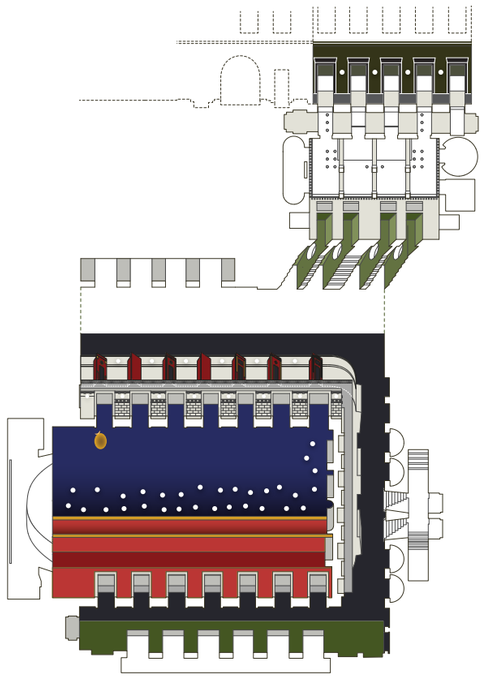
Restoring and conserving Asplund’s library

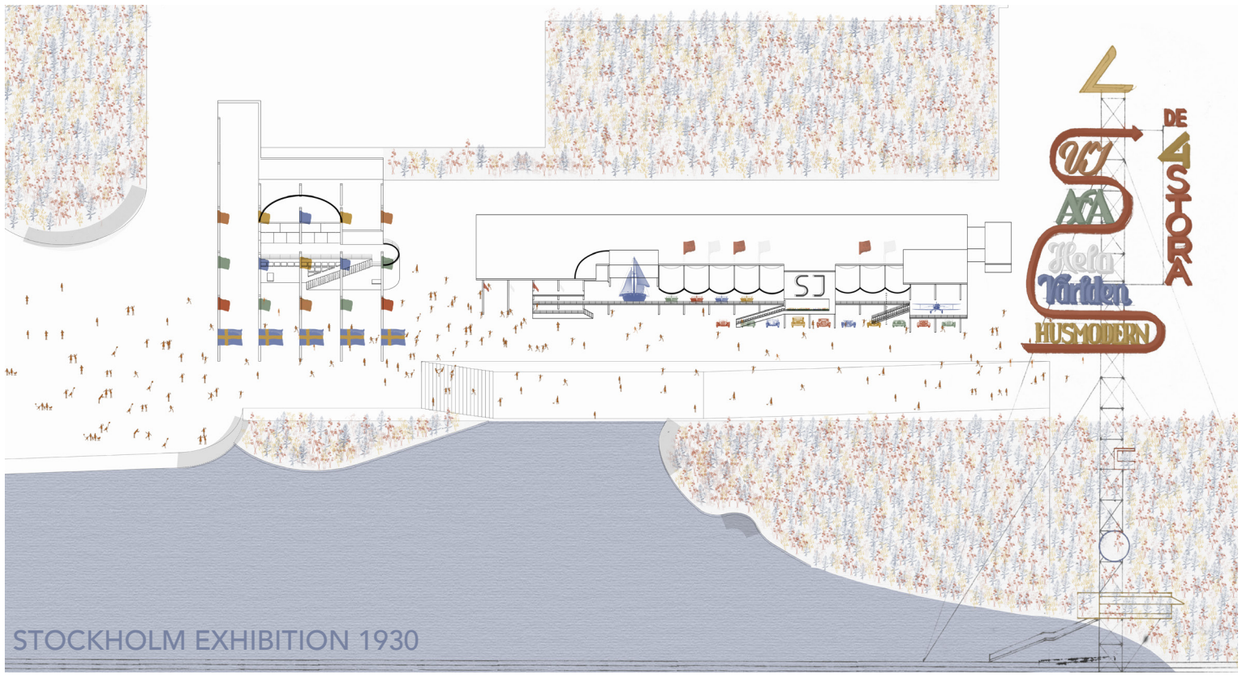
The architecture of Asplund

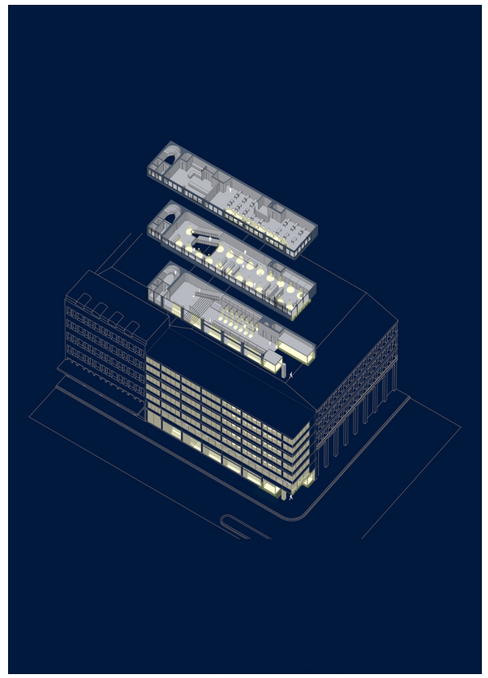
Collective research: Asplund’s precedents











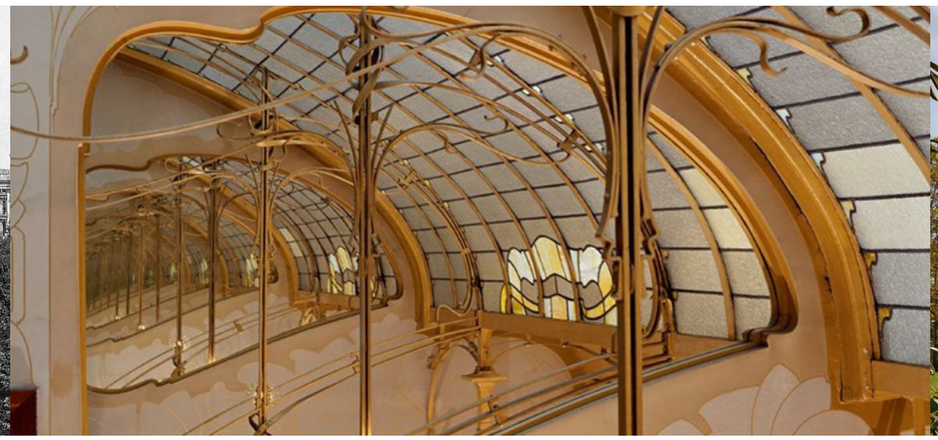
The architecture of Asplund

Asplund’s background

Europe/western Europe

Gothic revival
Classical revival

Art Nouveau
Arts and Crafts
Jugendstil



Modernism

1890 1910 1930

Gothic revival
Classical revival

National Romanticism

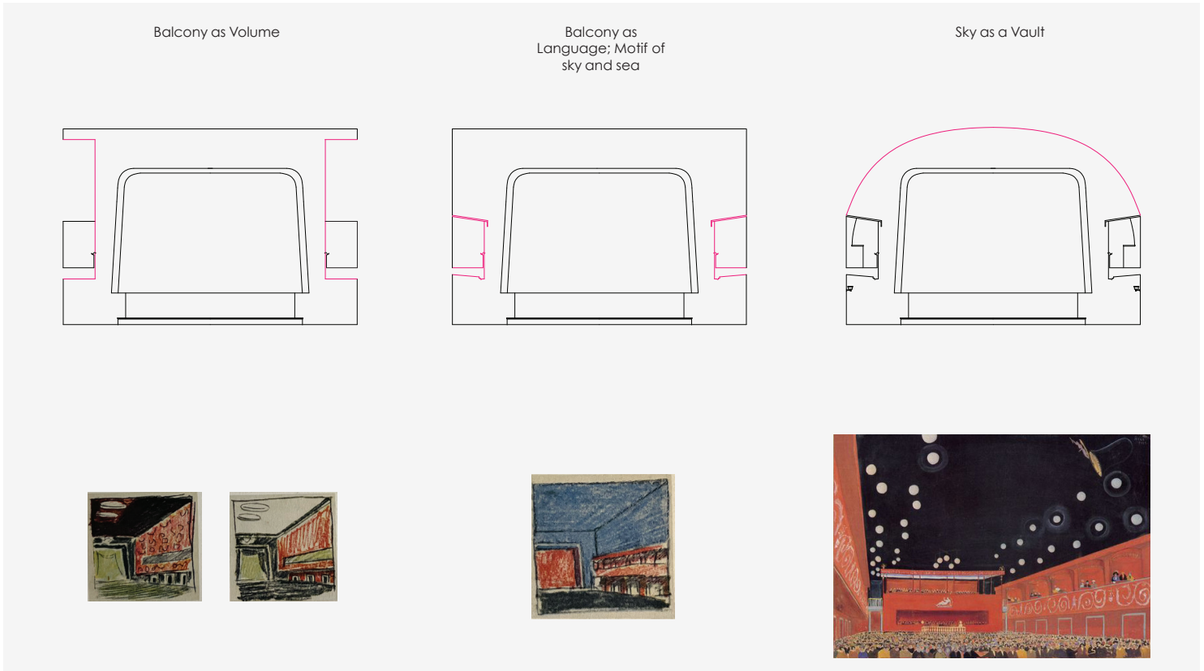
Nordic Classicism

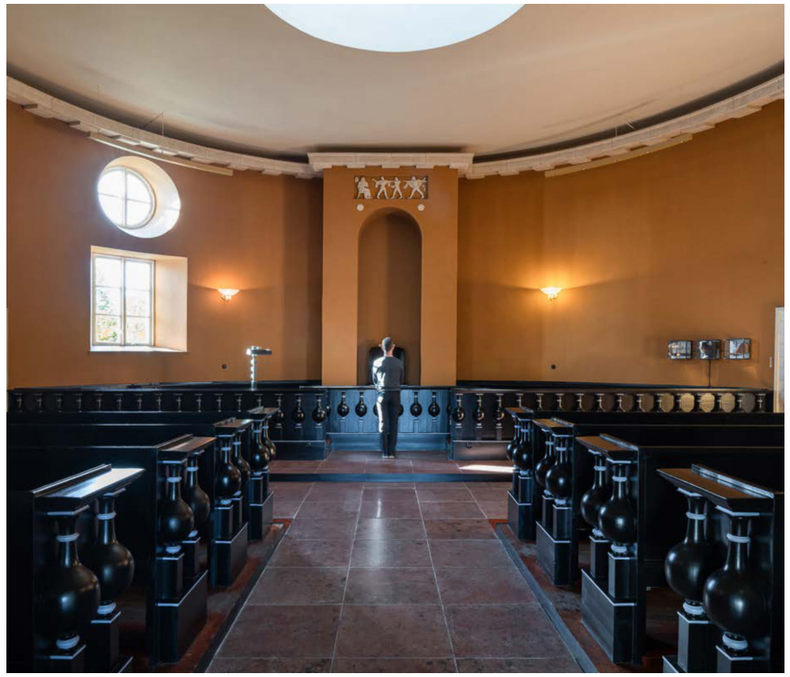
Modernism

Scandinavia

The architecture of Asplund

Asplund’s intentions with the sky



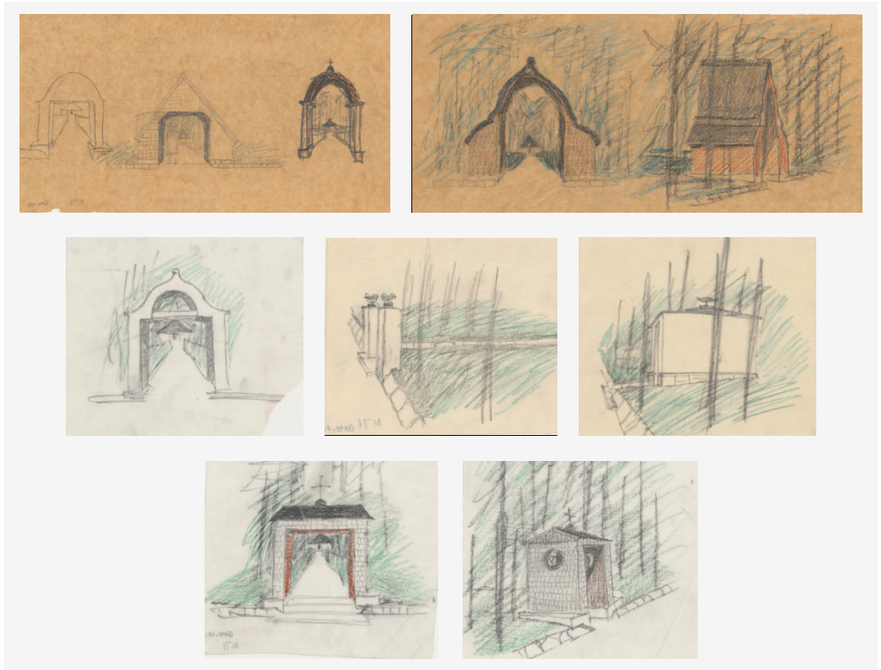


The architecture of Asplund

Asplund’s intentions with the earth

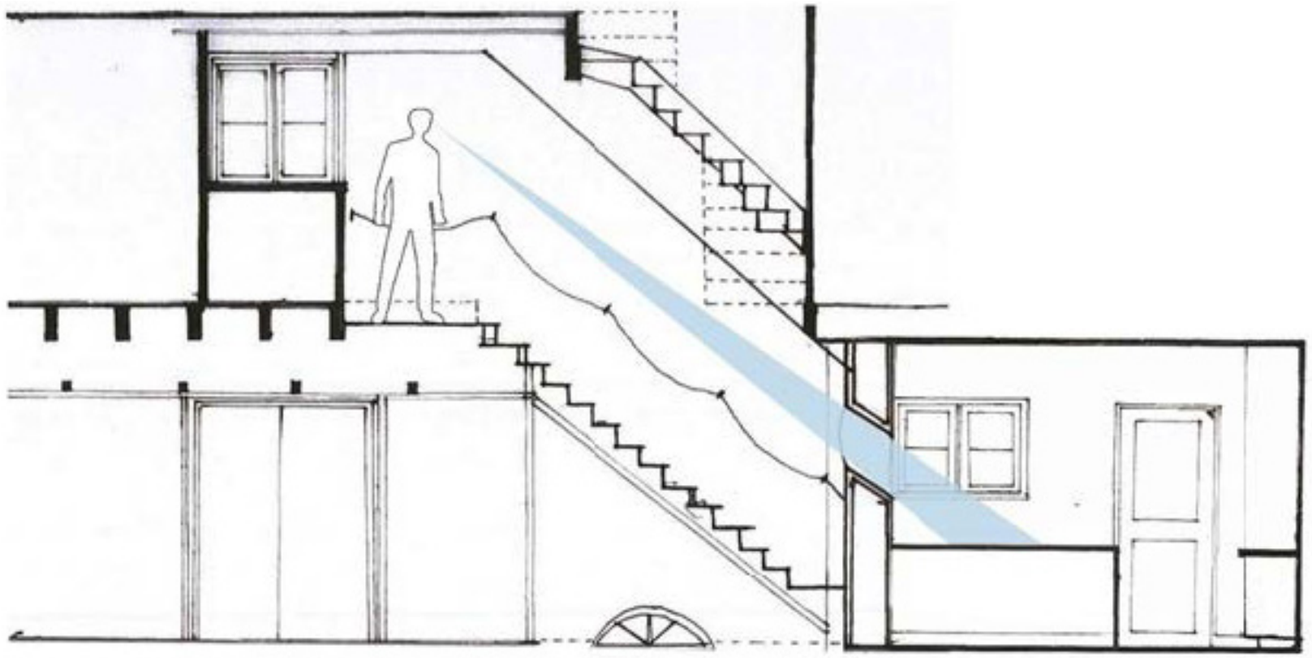
The architecture of Asplund

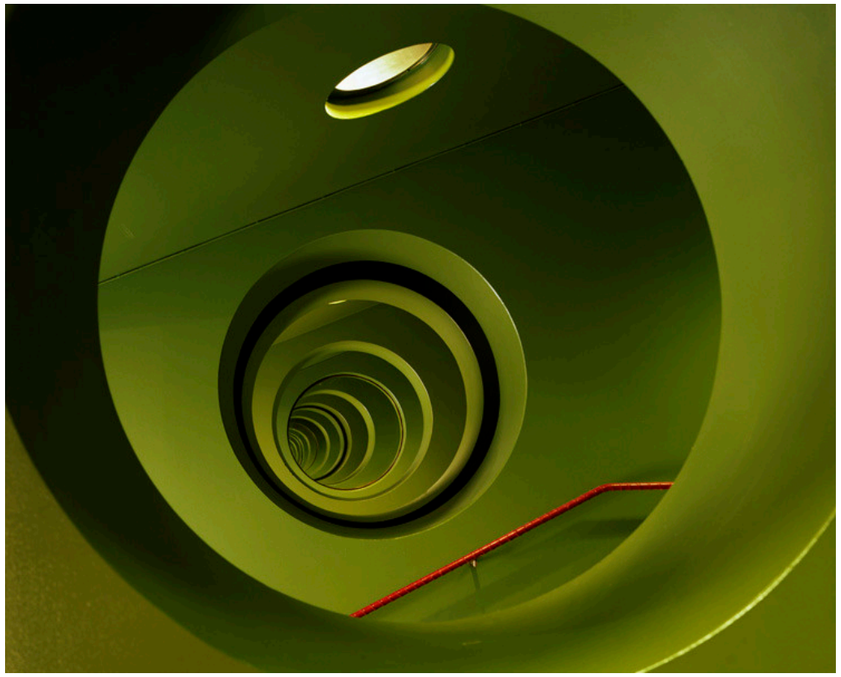
Asplund’s intentions with thresholds

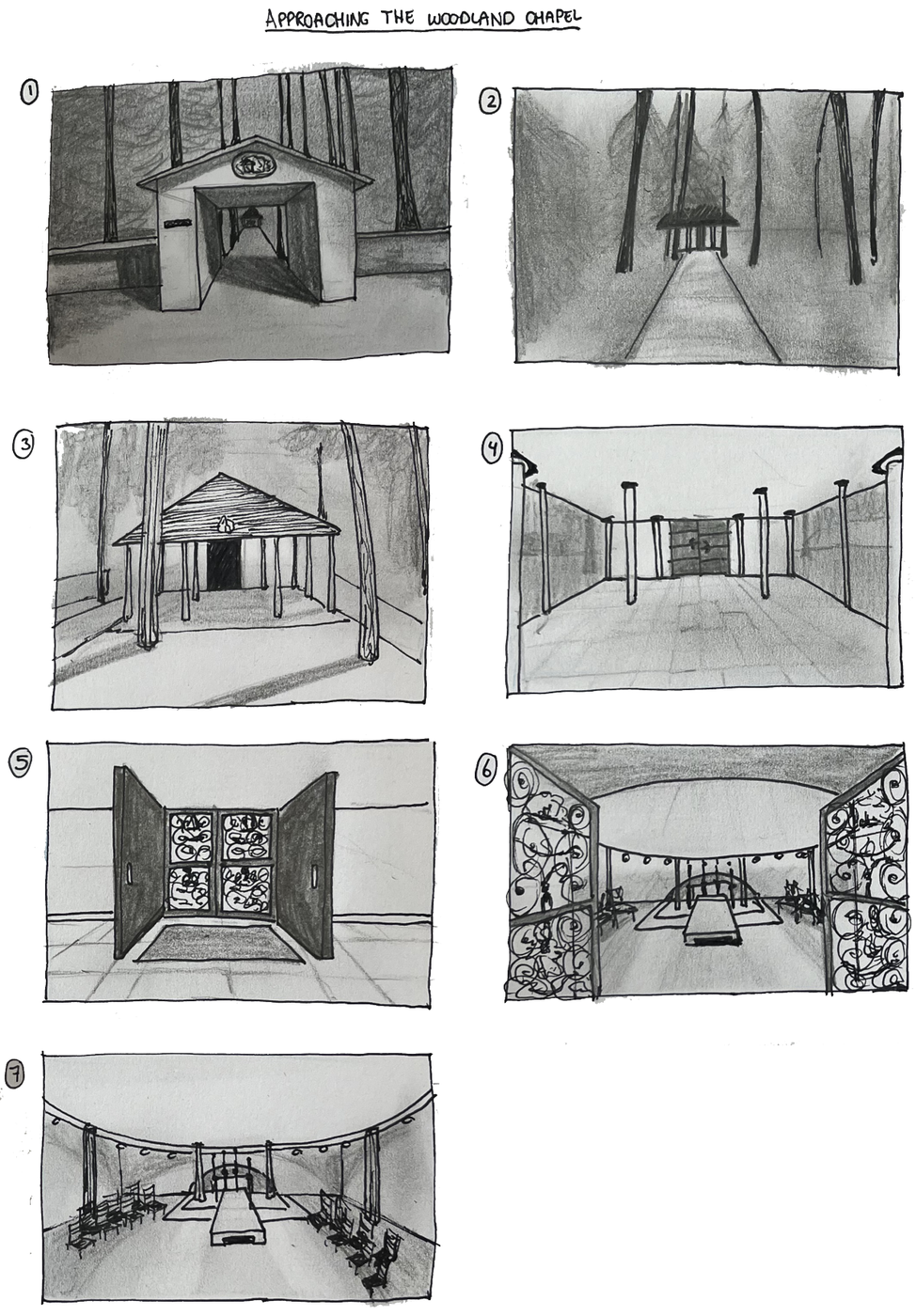


The architecture of Asplund

Asplund’s intentions with sight

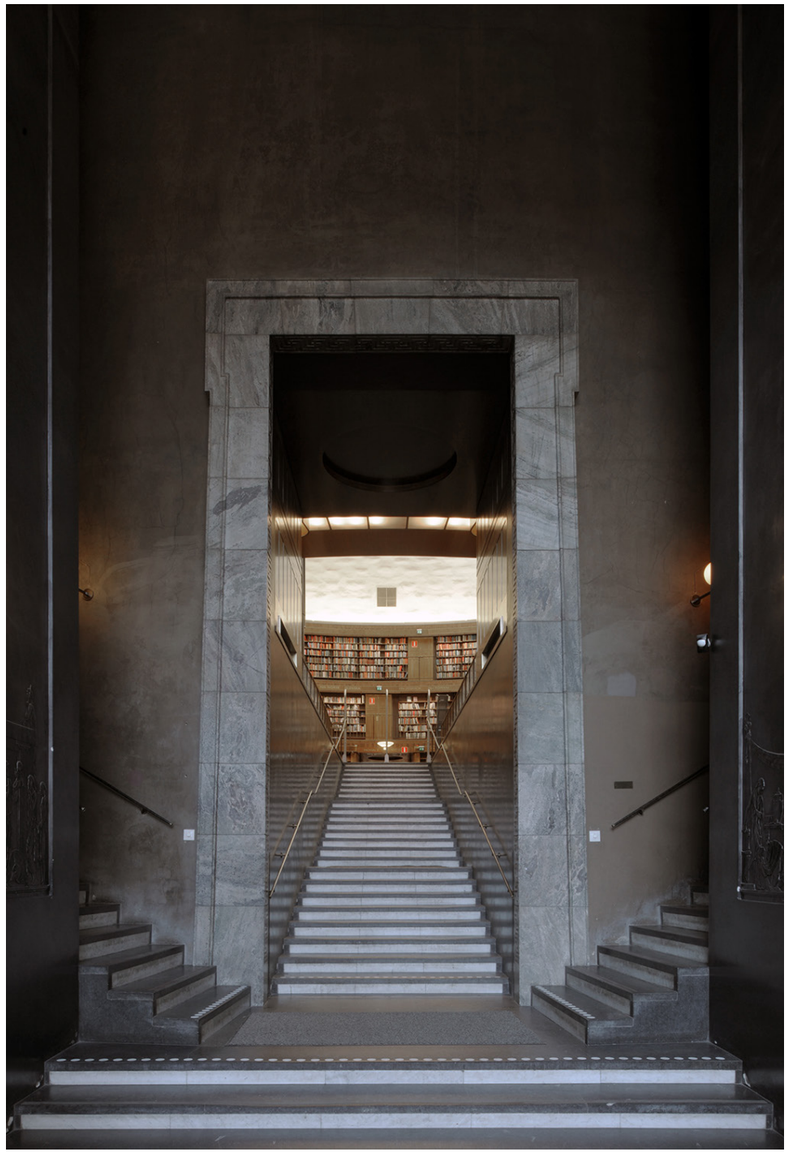


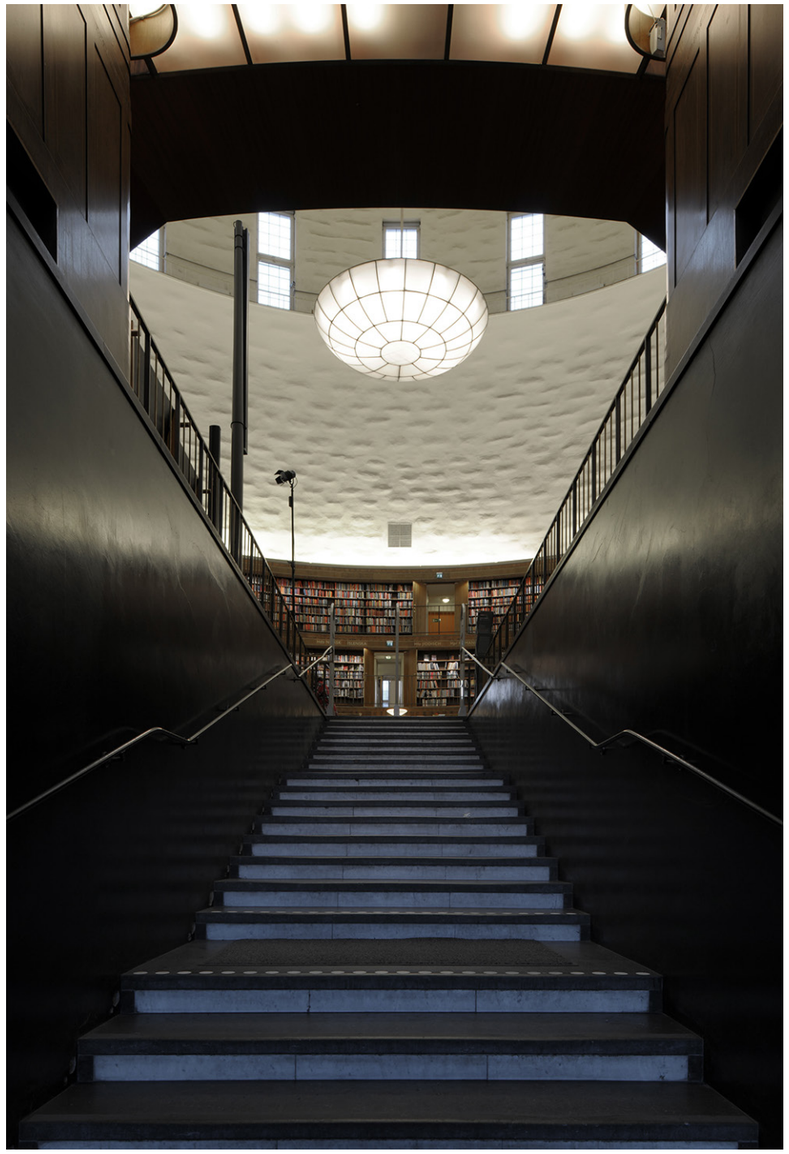




The architecture of Asplund

Main entrance sequence of the library



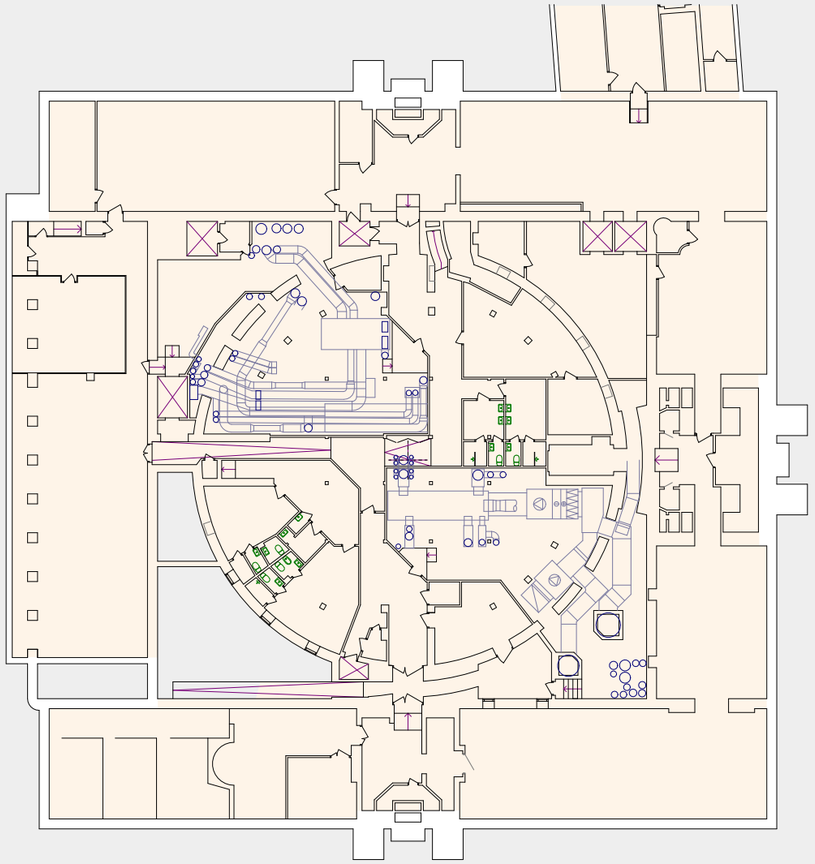


Interventions

Perimeter halls and rotunda

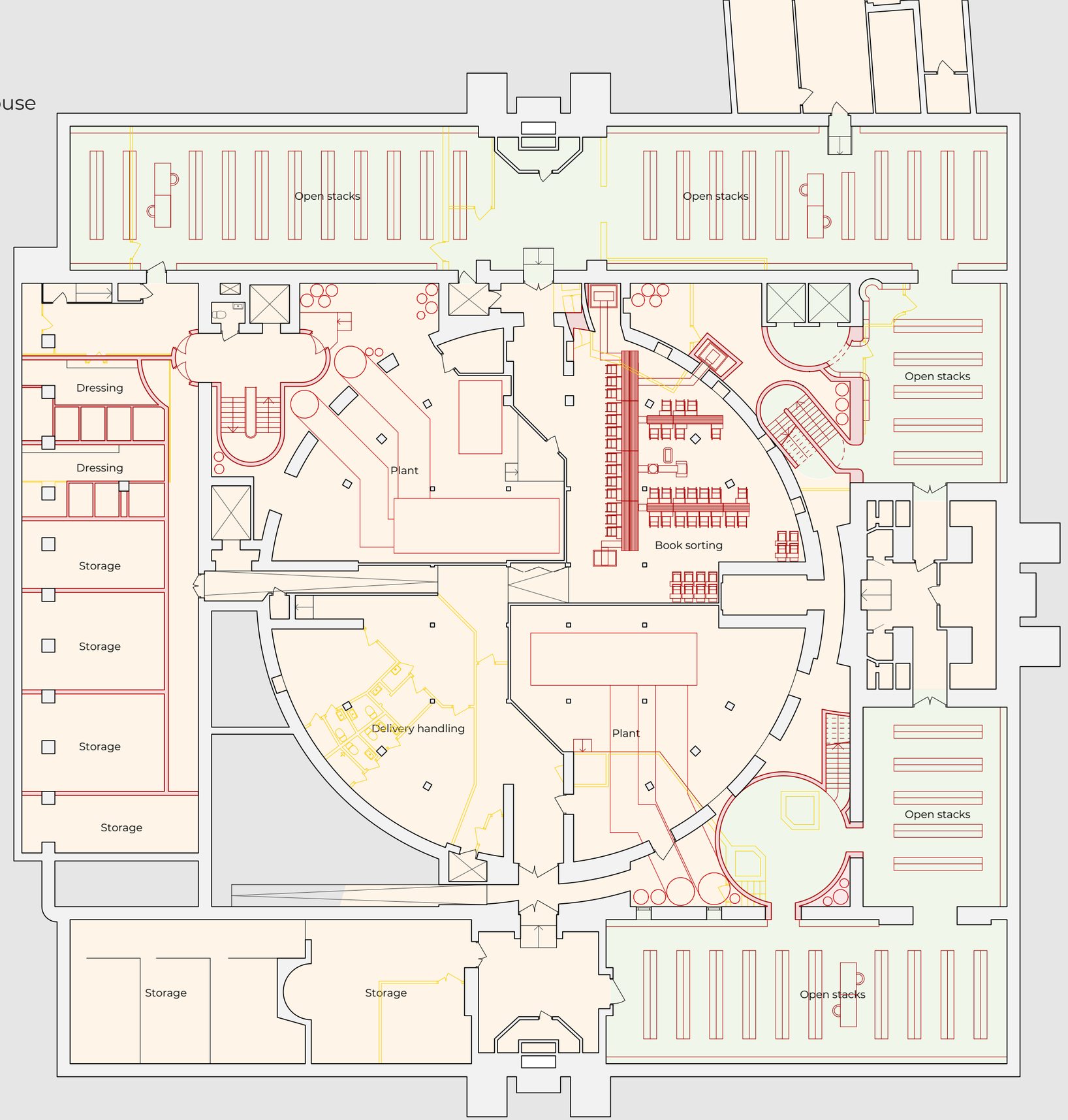
Interventions

Basement: existing

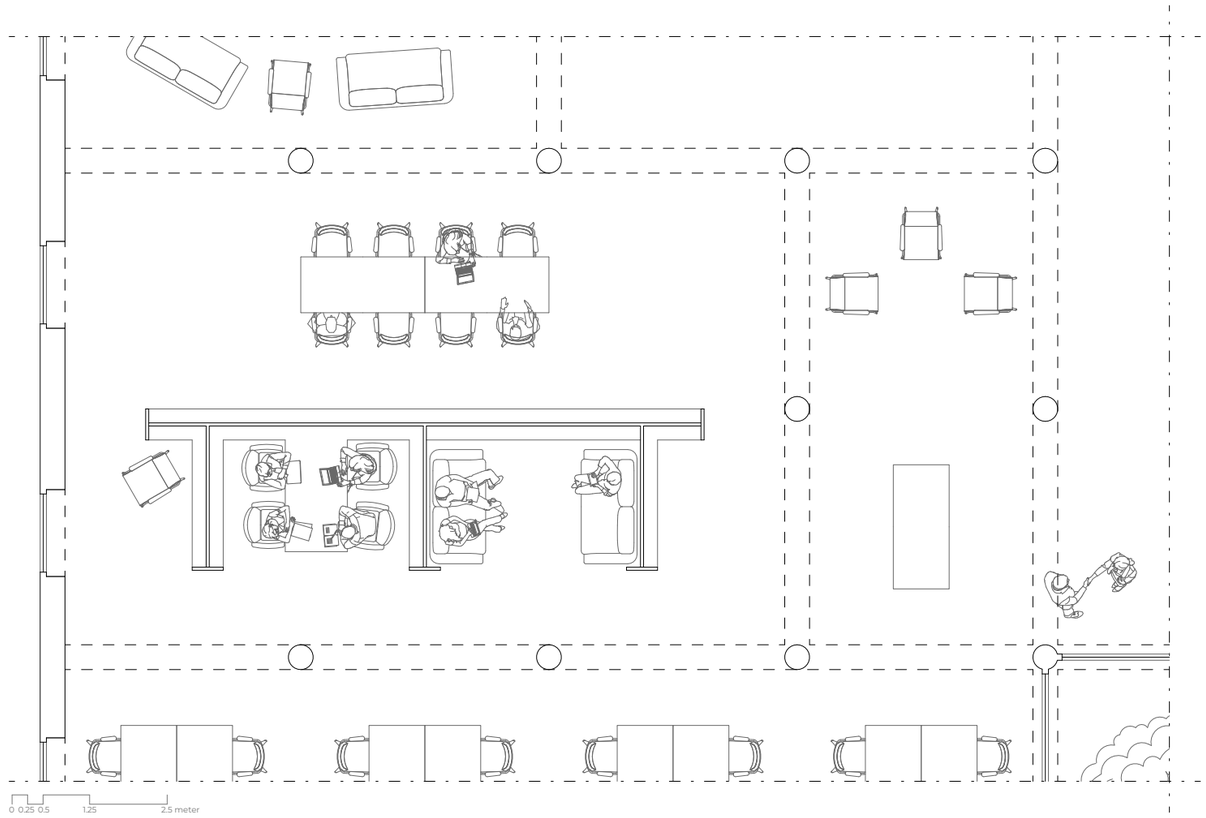


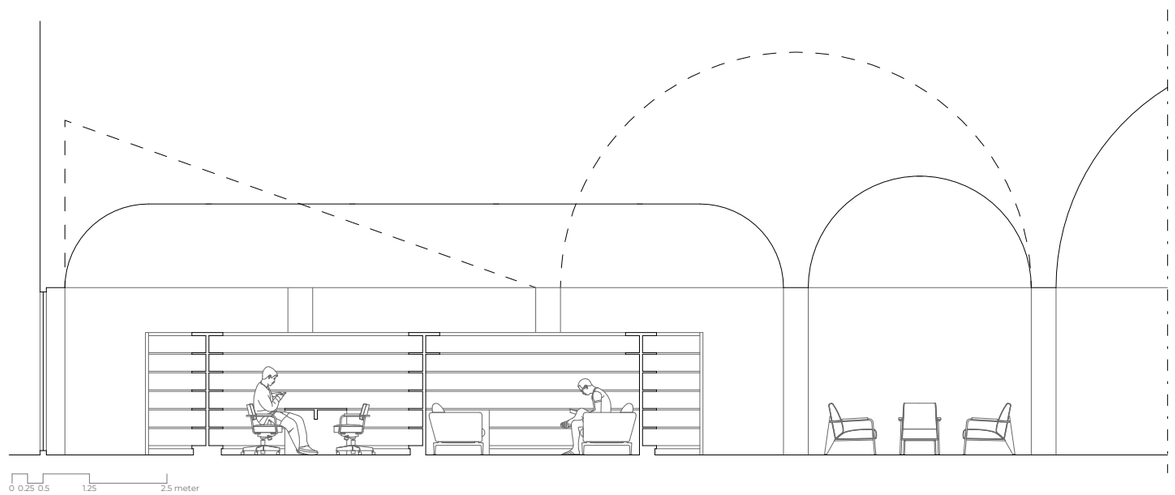
Interventions

New basement: back of house



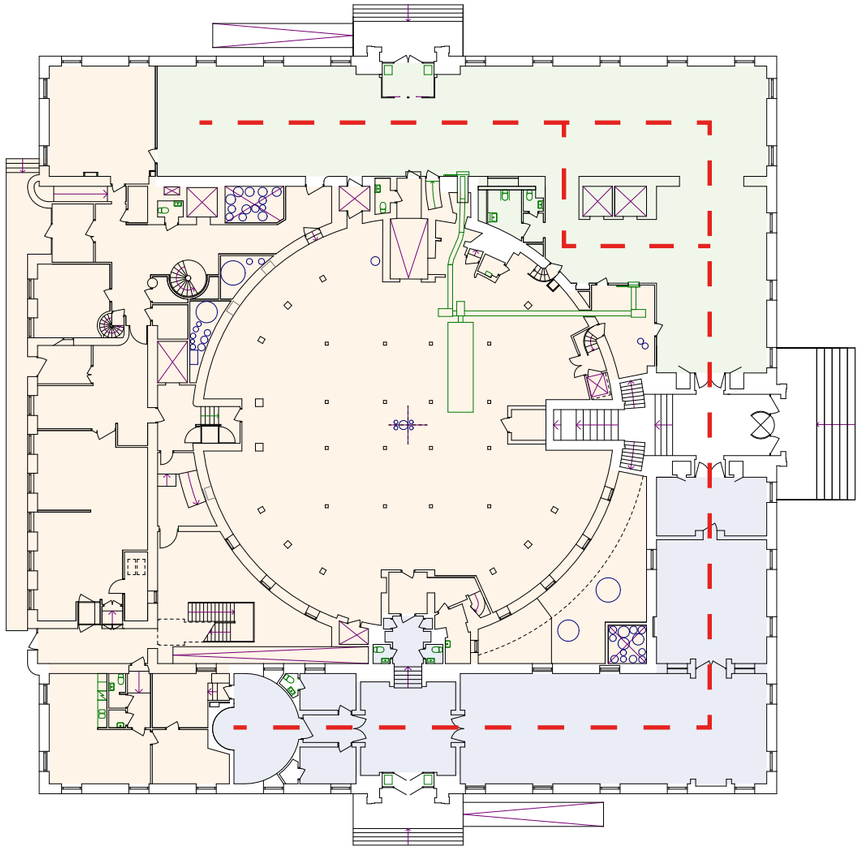
P1 model: A room for a library





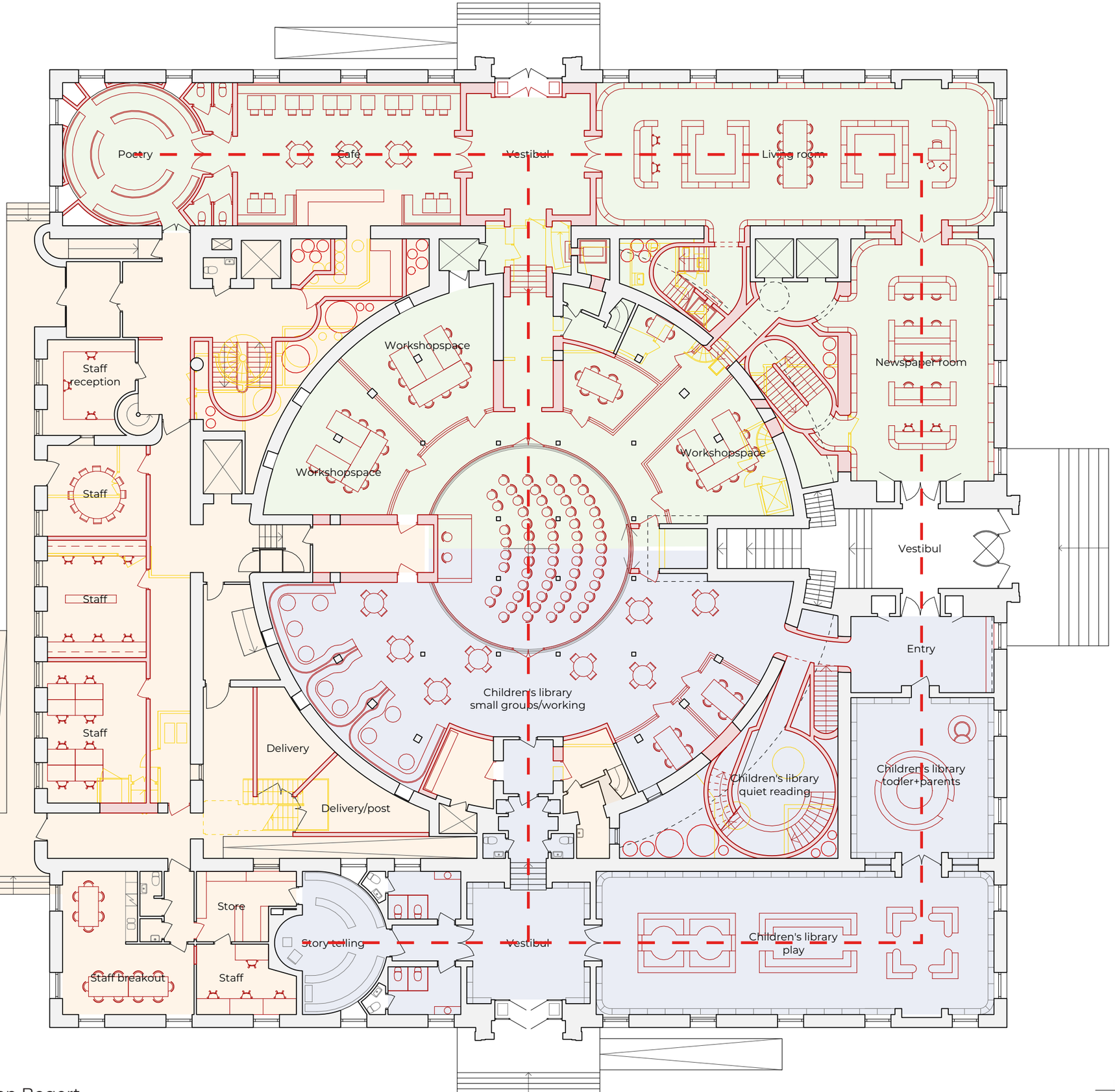
Interventions

Entrance level: existing



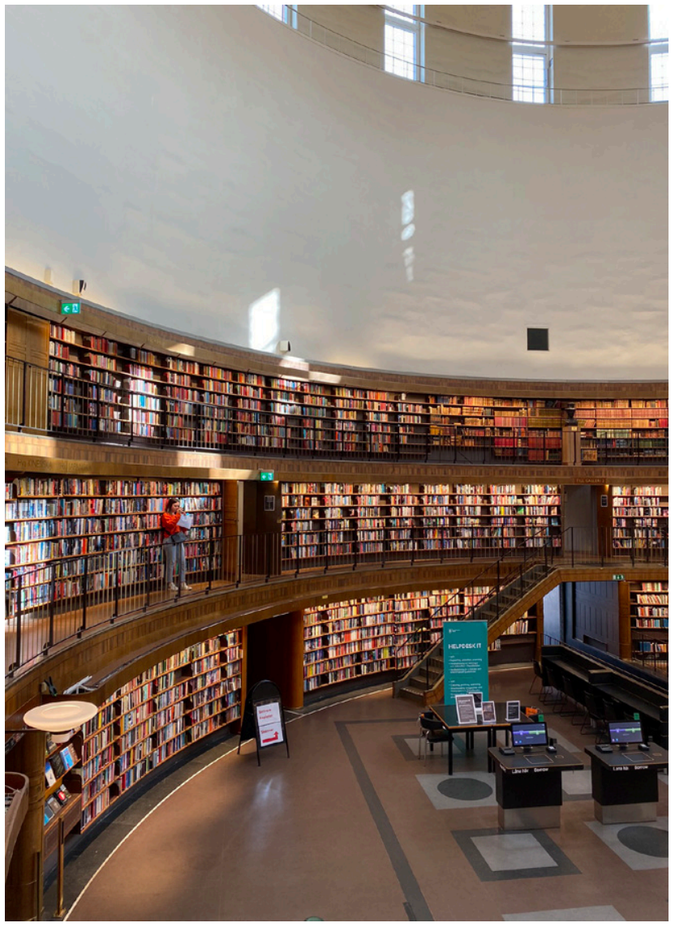
Interventions

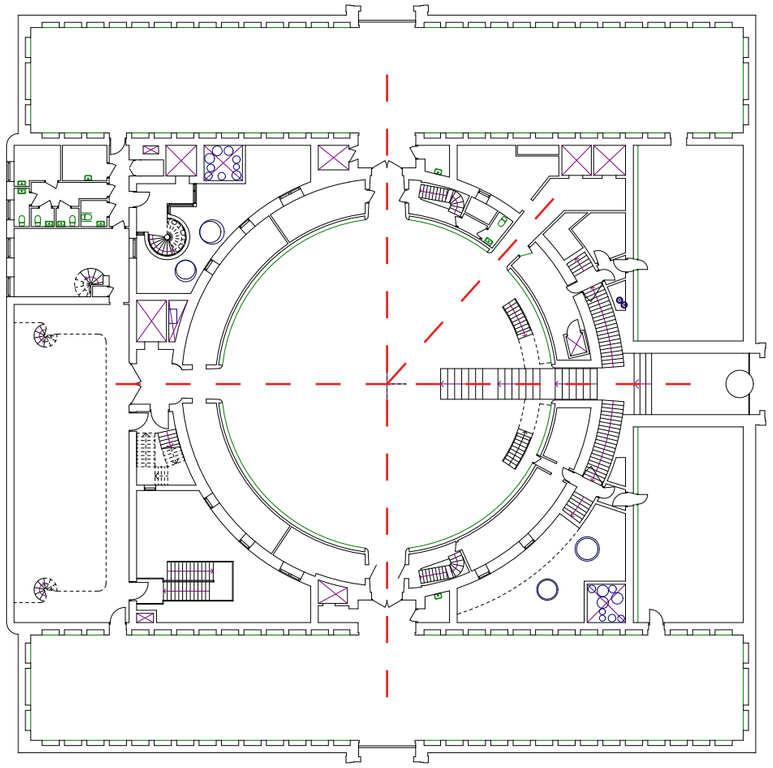
Entrance level: new plan



Interventions

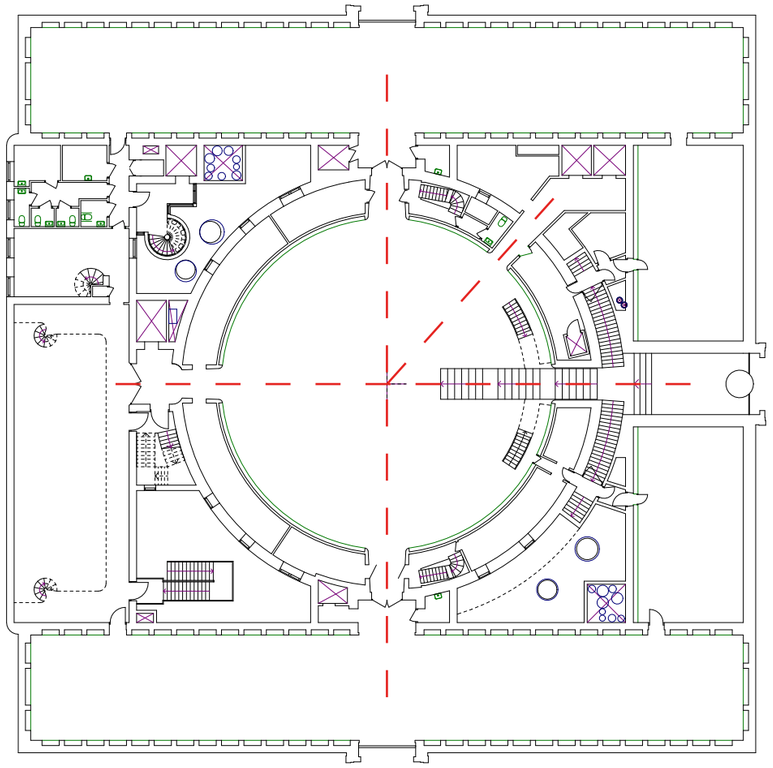
Rotunda level: existing





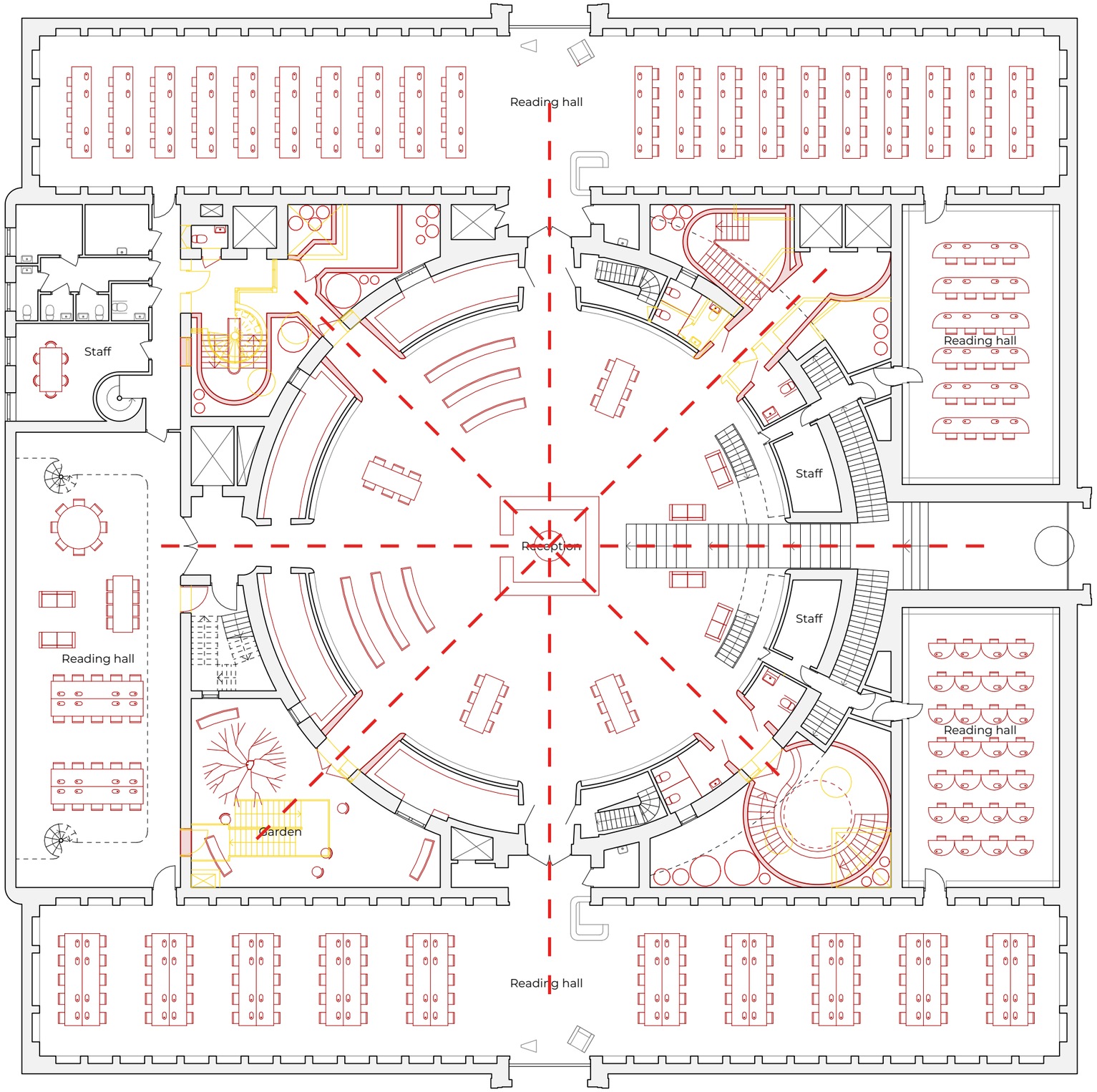
Interventions

Rotunda level: existing



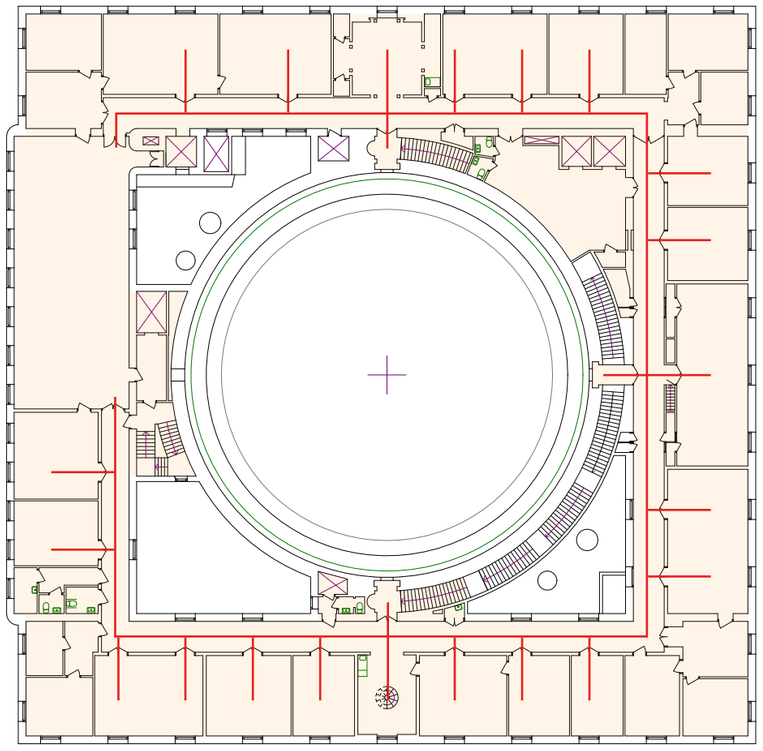
Interventions

New rotunda level: axis



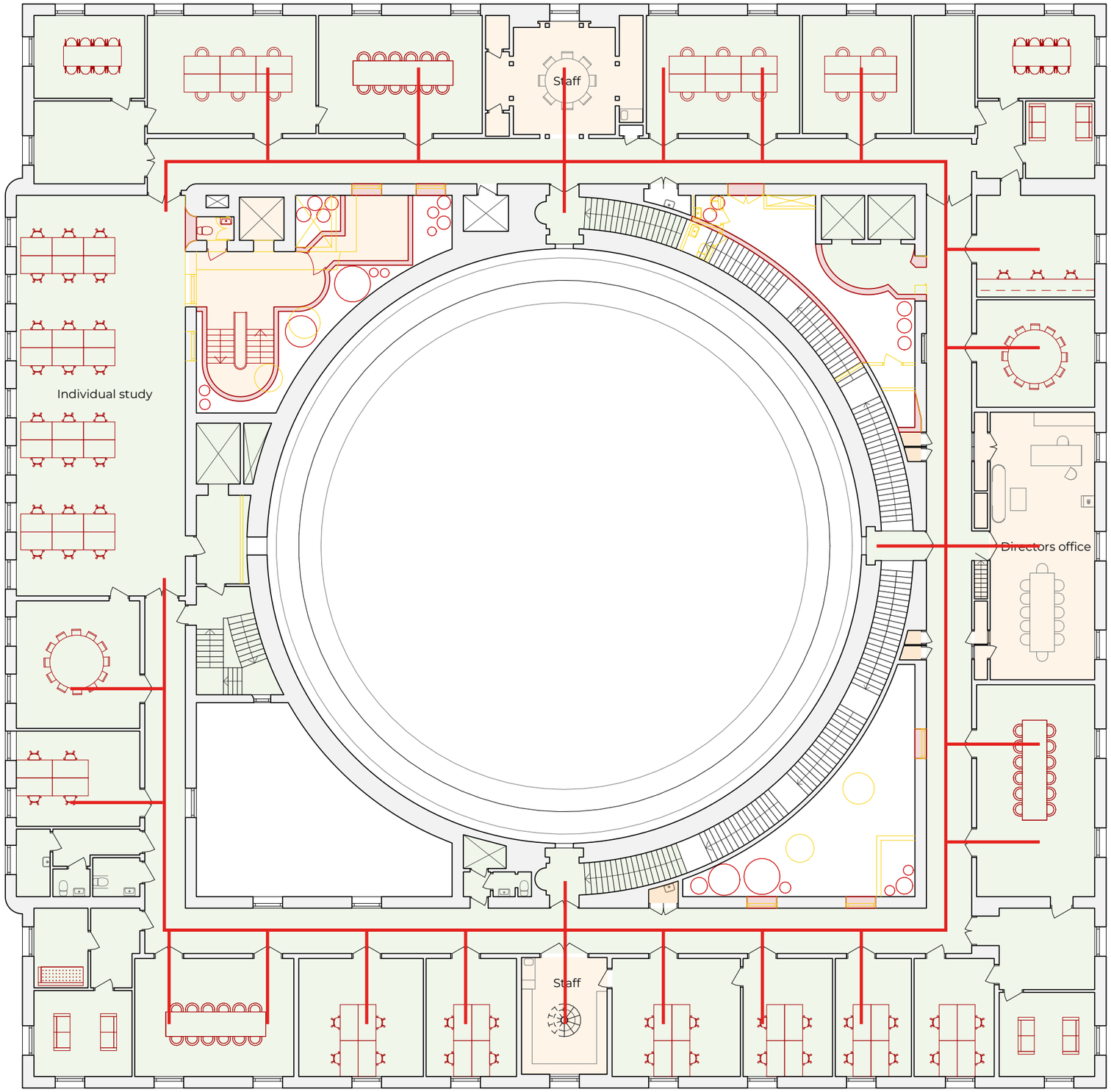
Interventions

Office floor: existing



Interventions

New office floor: programme

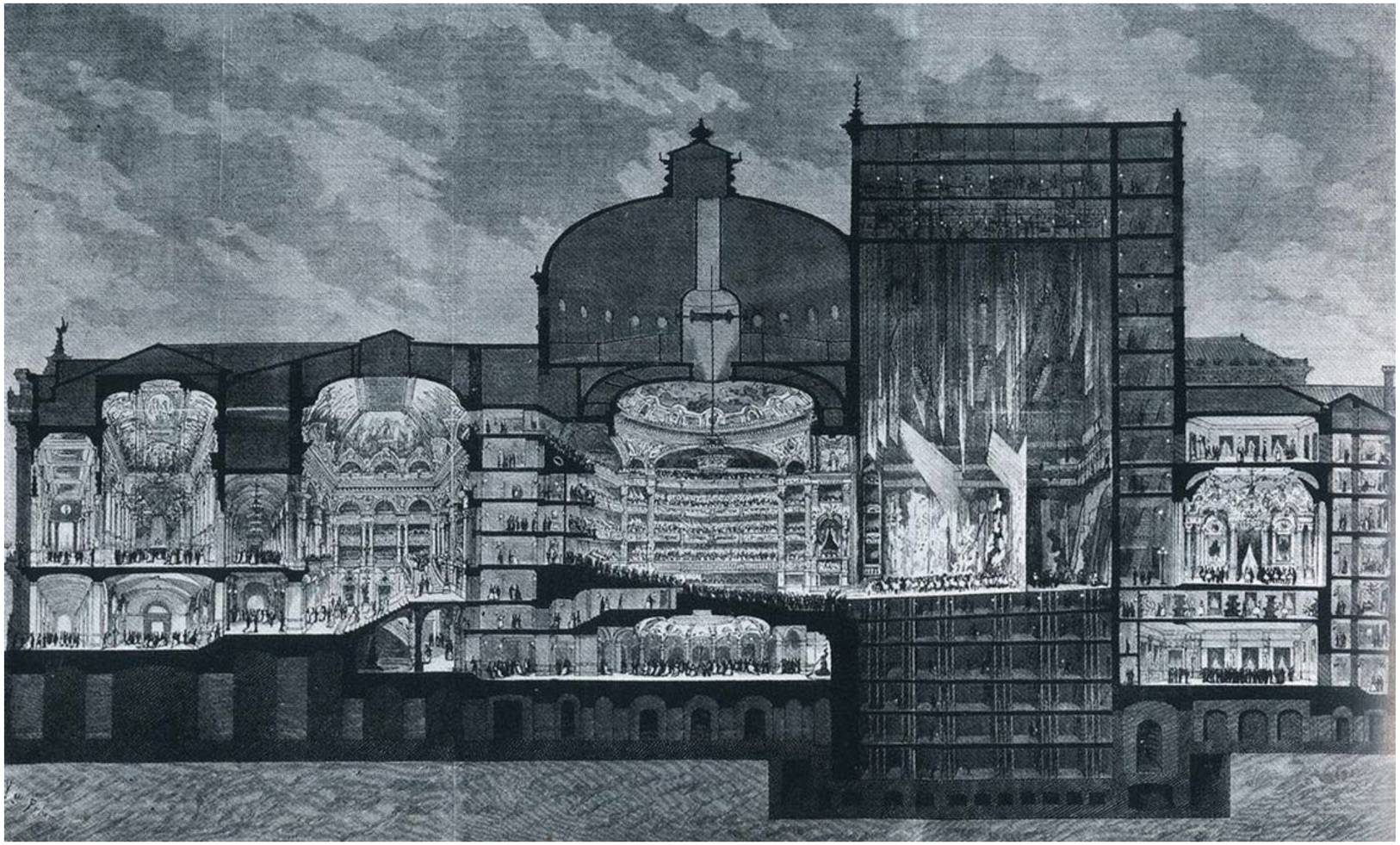


Filling the poché

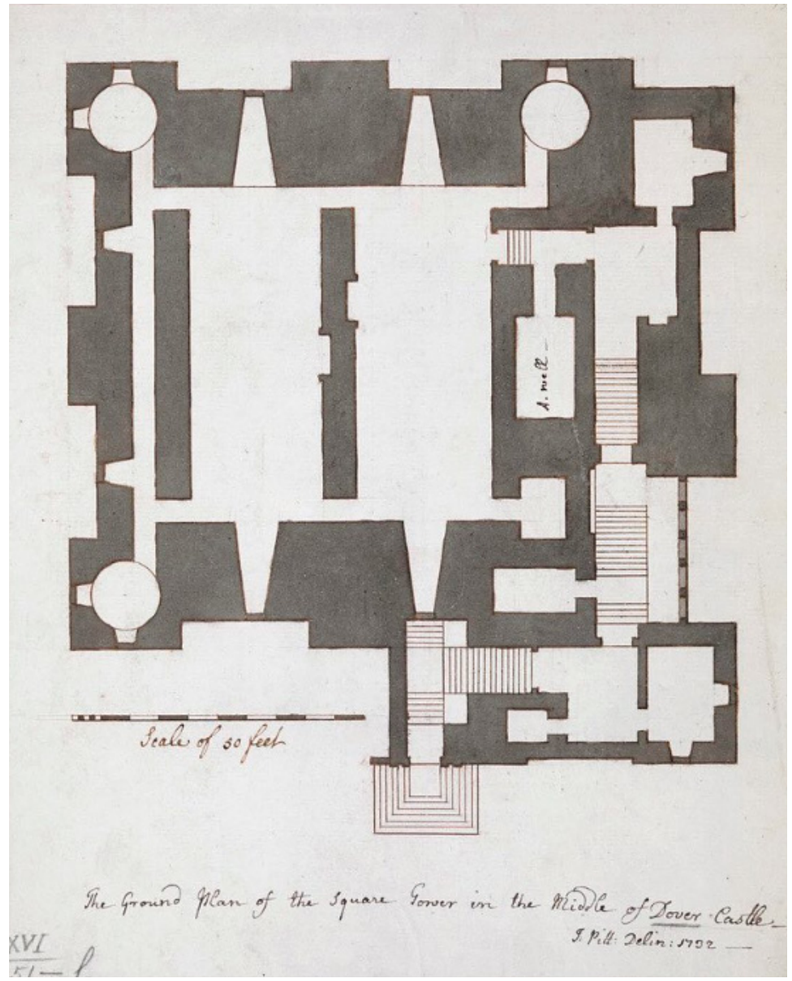
What is poché

Filling the poché

What is poché: conceptually



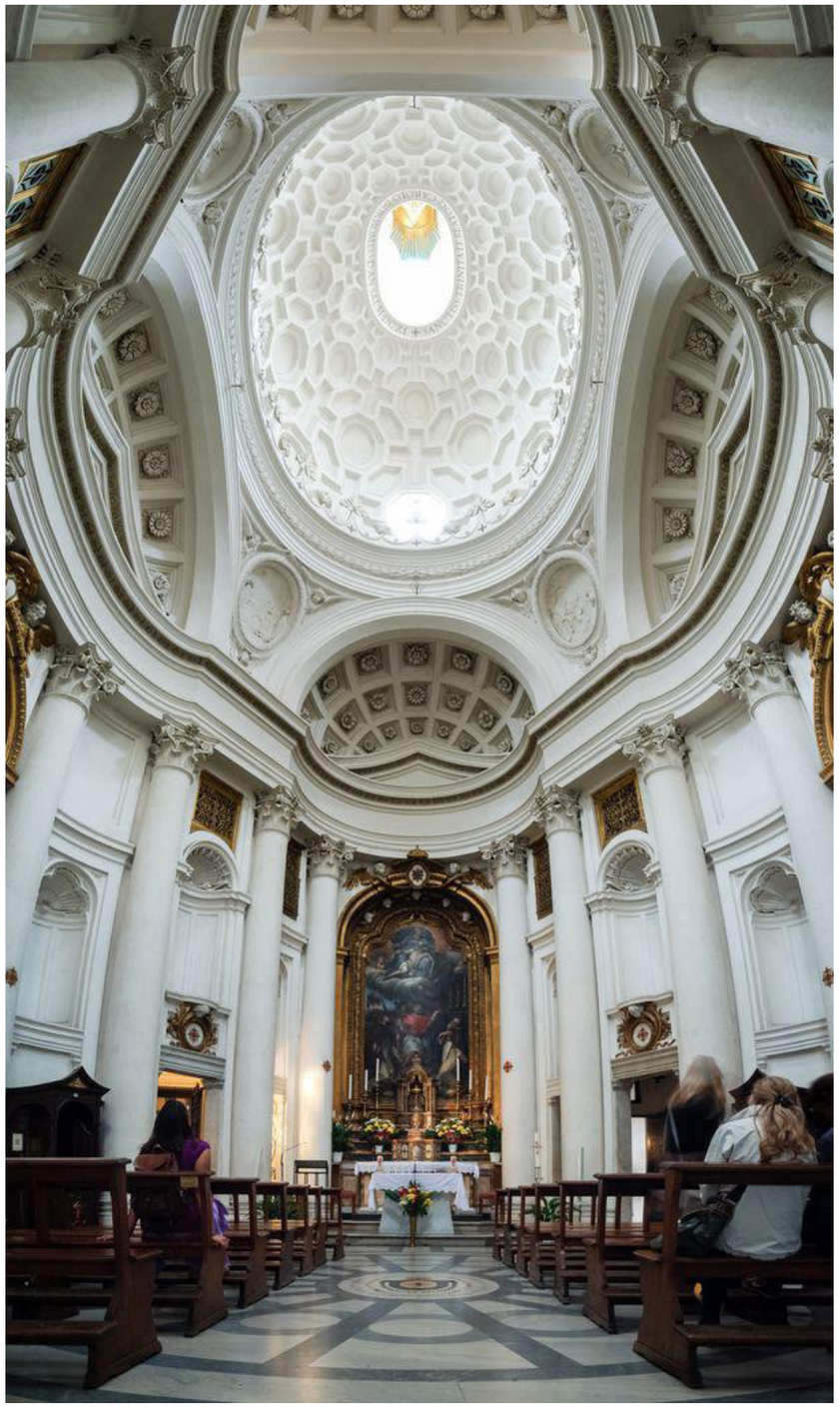
Opéra Garnier
(1875) by Charles Garnier



Square tower Dover Castle
(1732)

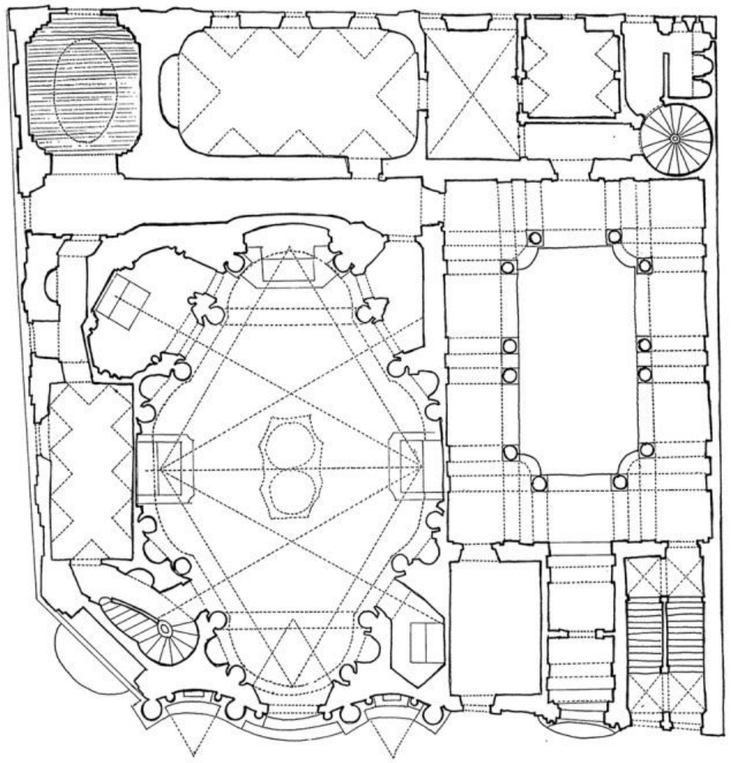
Filling the poché

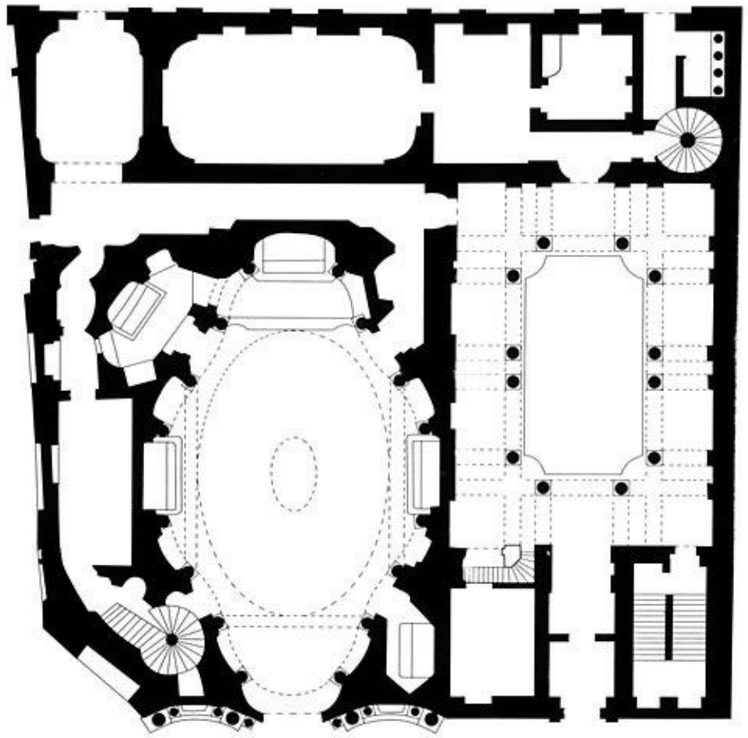
What is poché: San Carlo alle Quattro Fontane (1638-1641) by Borominni

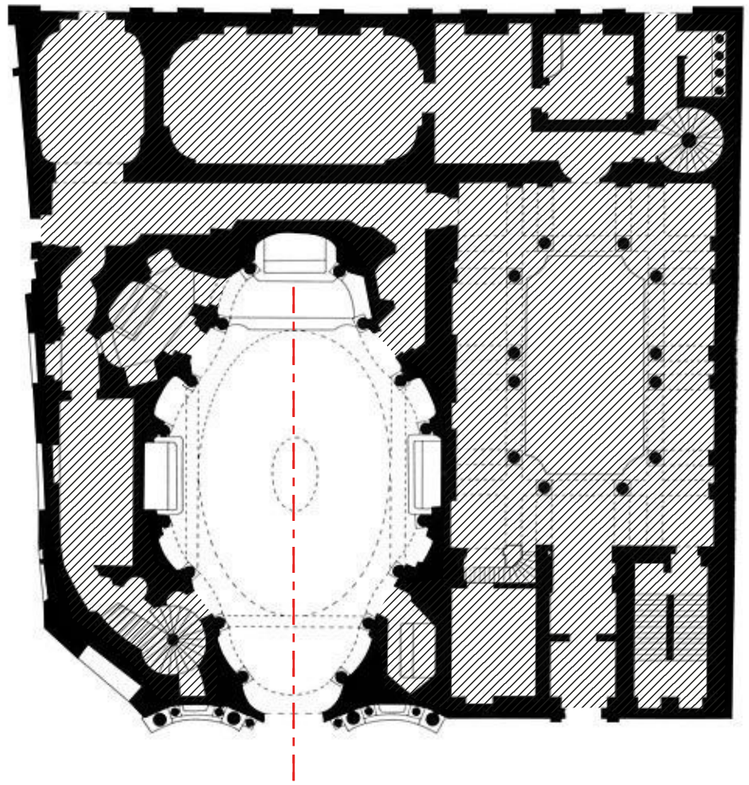


Filling the poché

What is poché: analysis of San Carlo alle Quattro Fontane







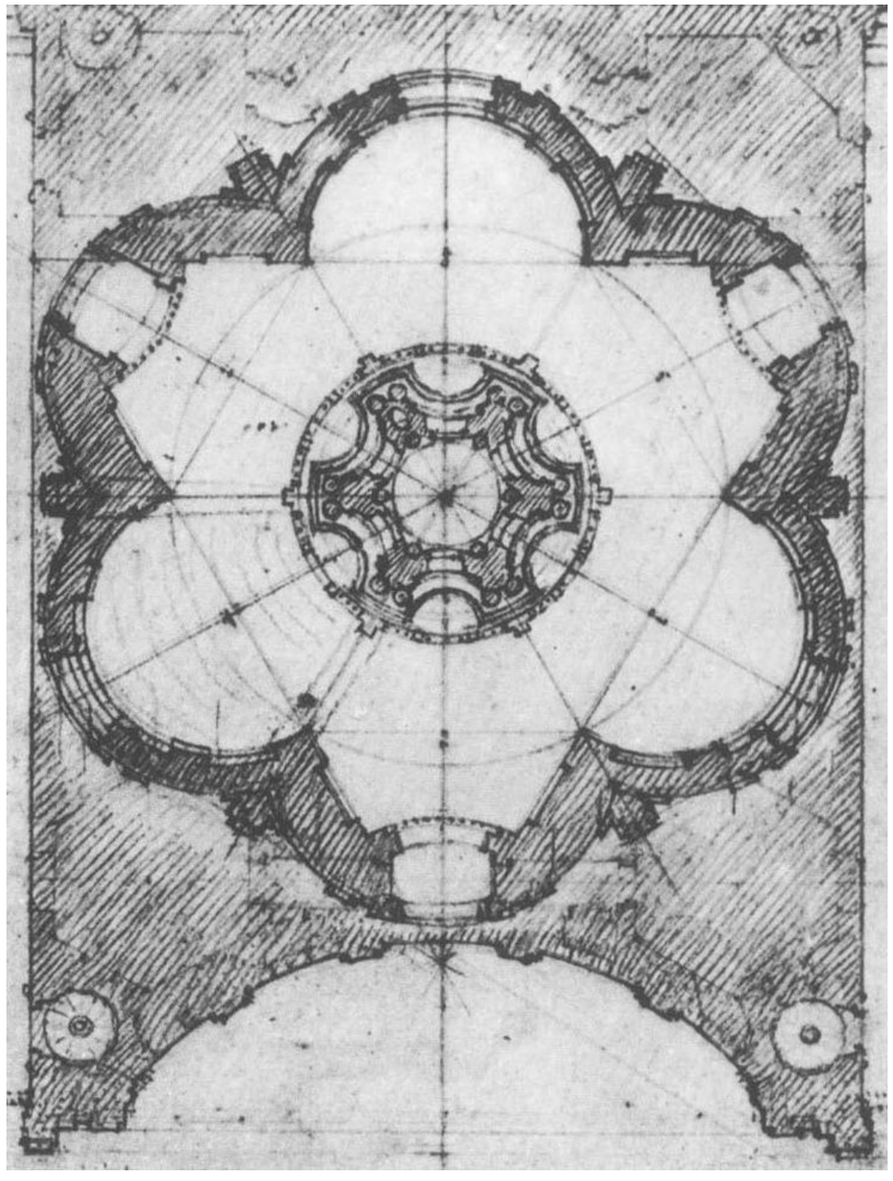
Poché

Symmetry

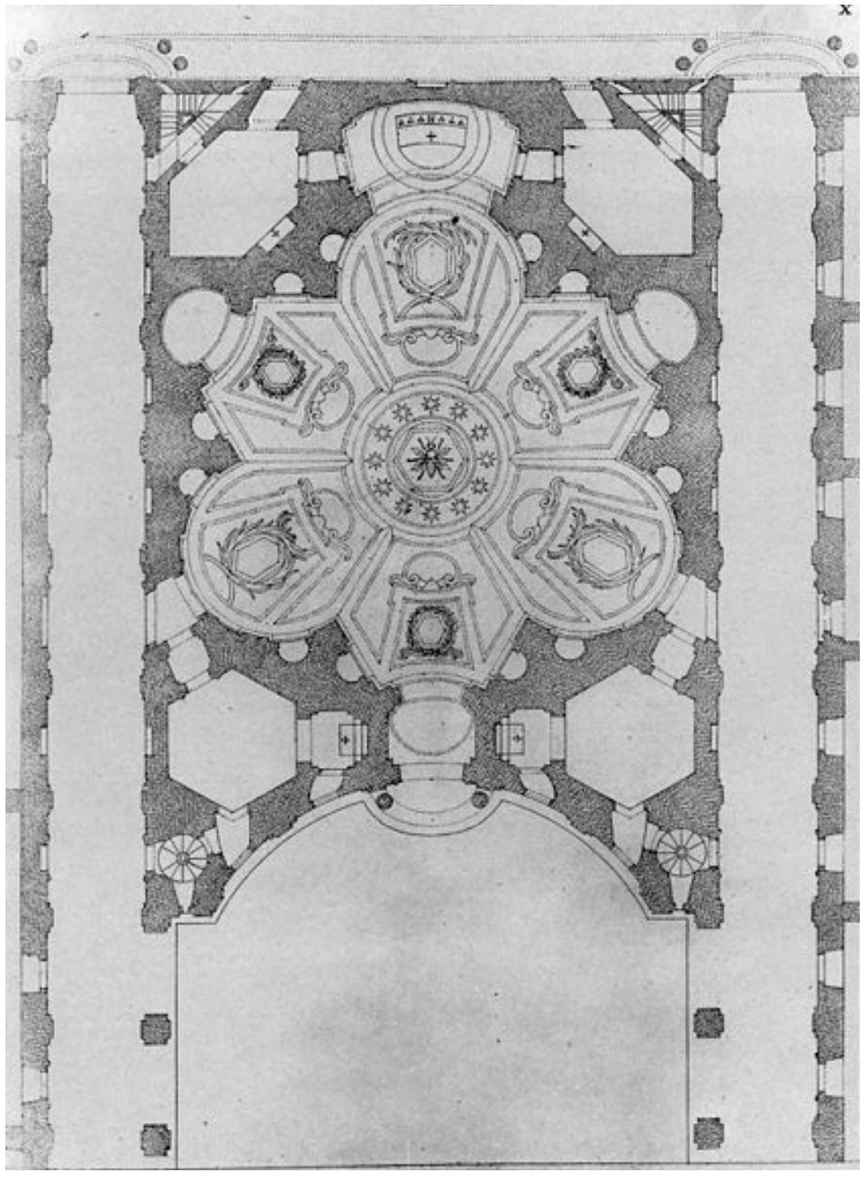
Enfilade

Filling the poché

What is poché: Sant’Ivo alla Sapienza (Borromini)



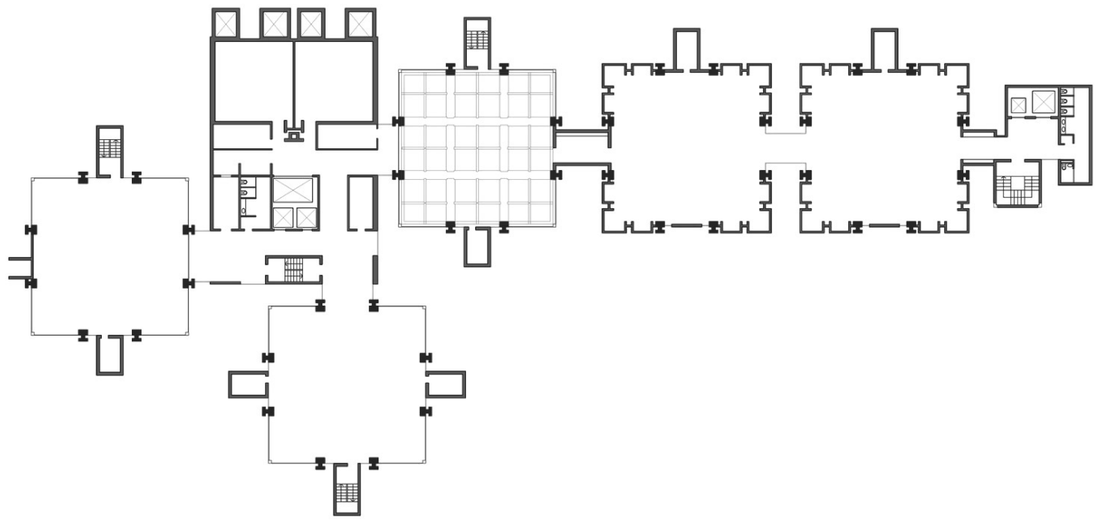
Design plan with poché pure
and poché dilué



Final plan

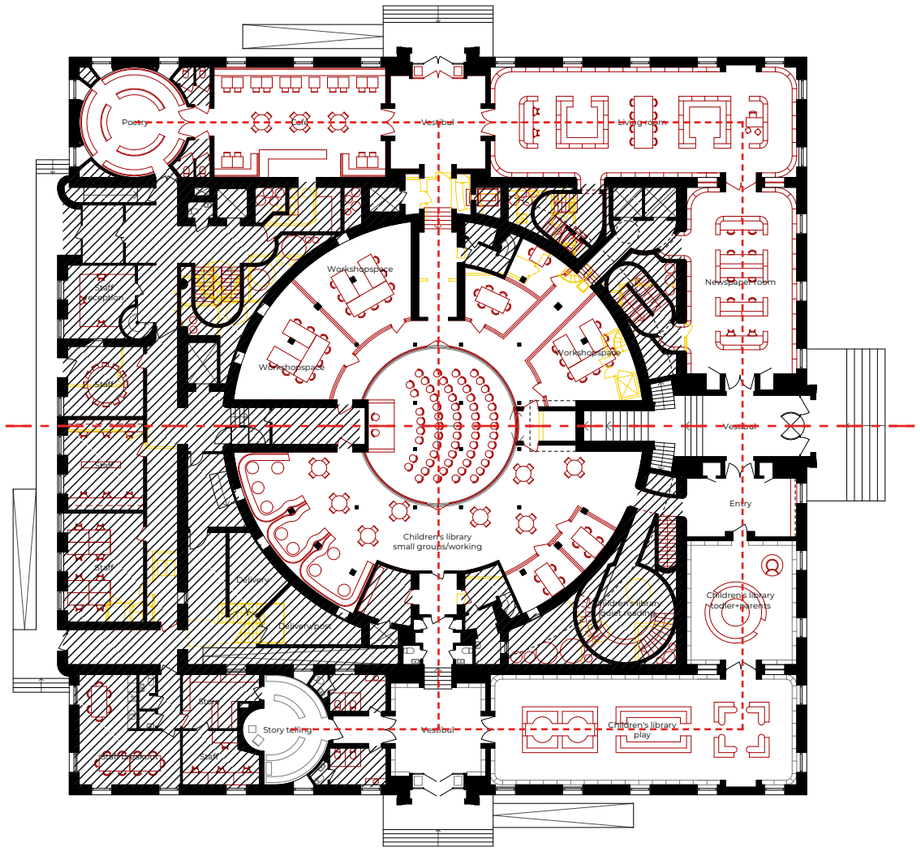
Filling the poché

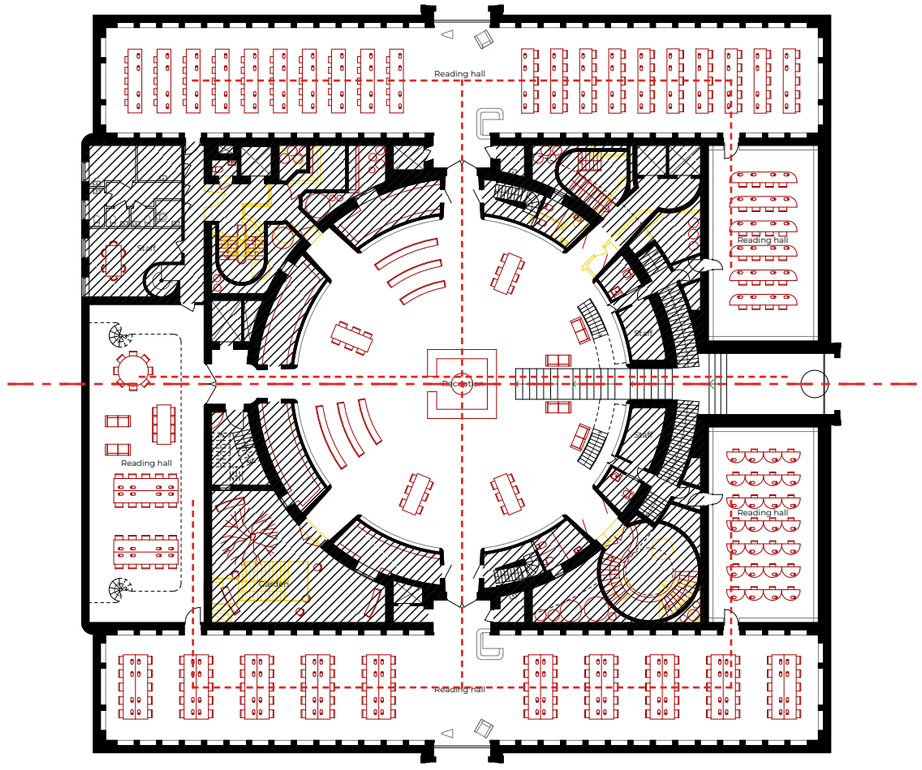
What is poché: Richards Medical Research Laboratories (Louis Kahn)



Filling the poché

What is poché: analysis





Poché

Symmetry

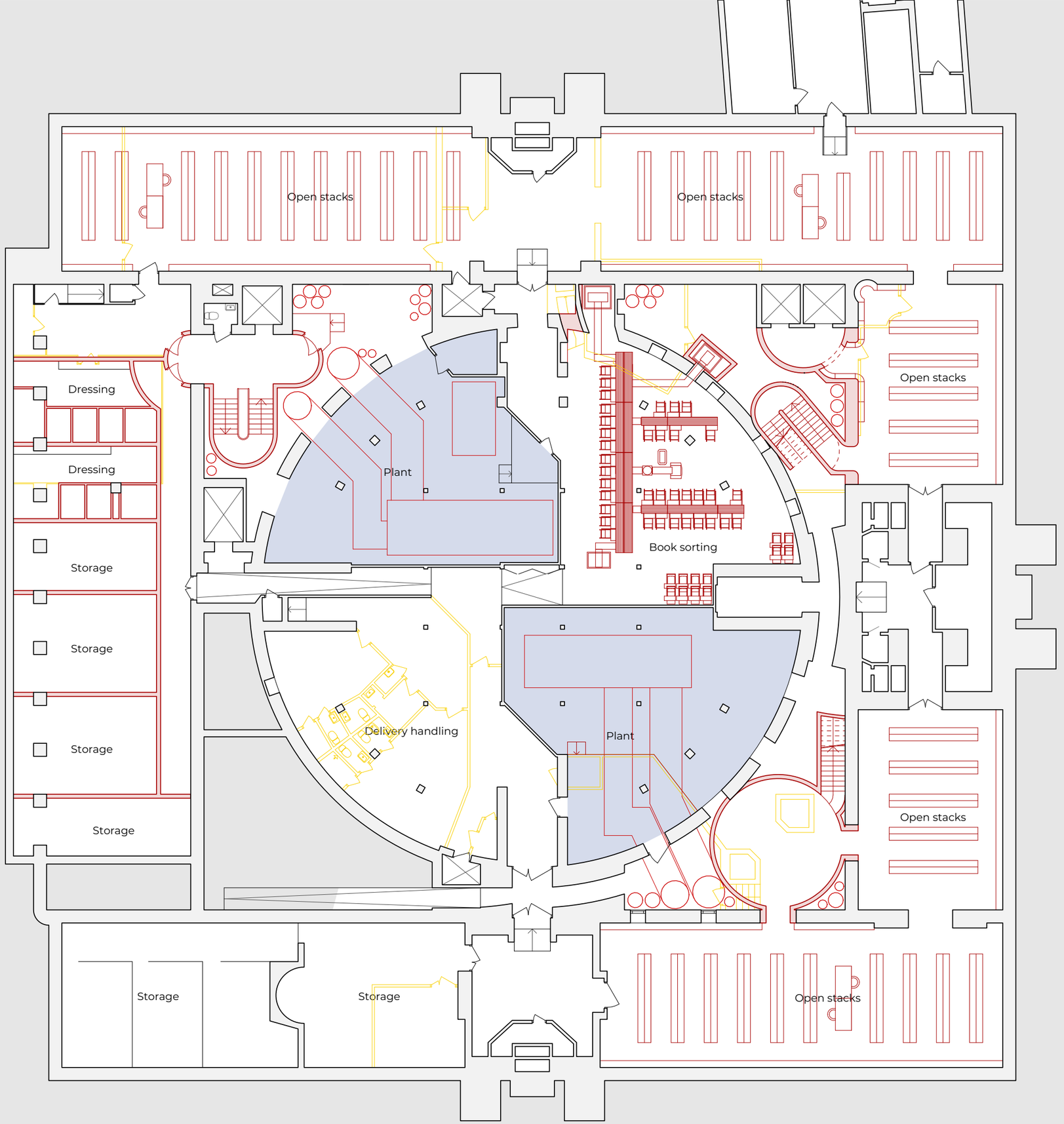
Enfilade

Filling the poché

Hollow mass filled with climate

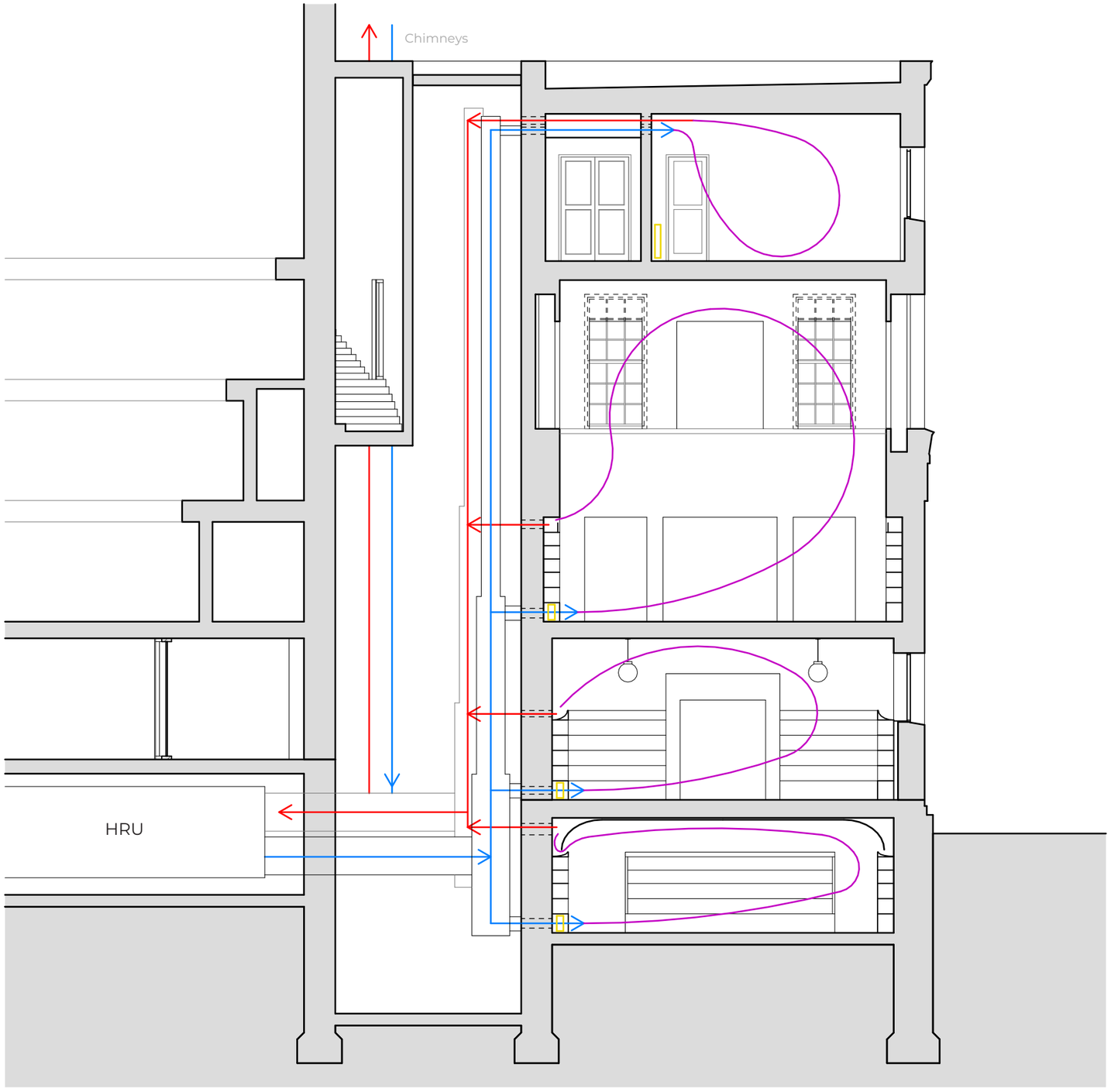
Filling the poché

Climate: plant in plan



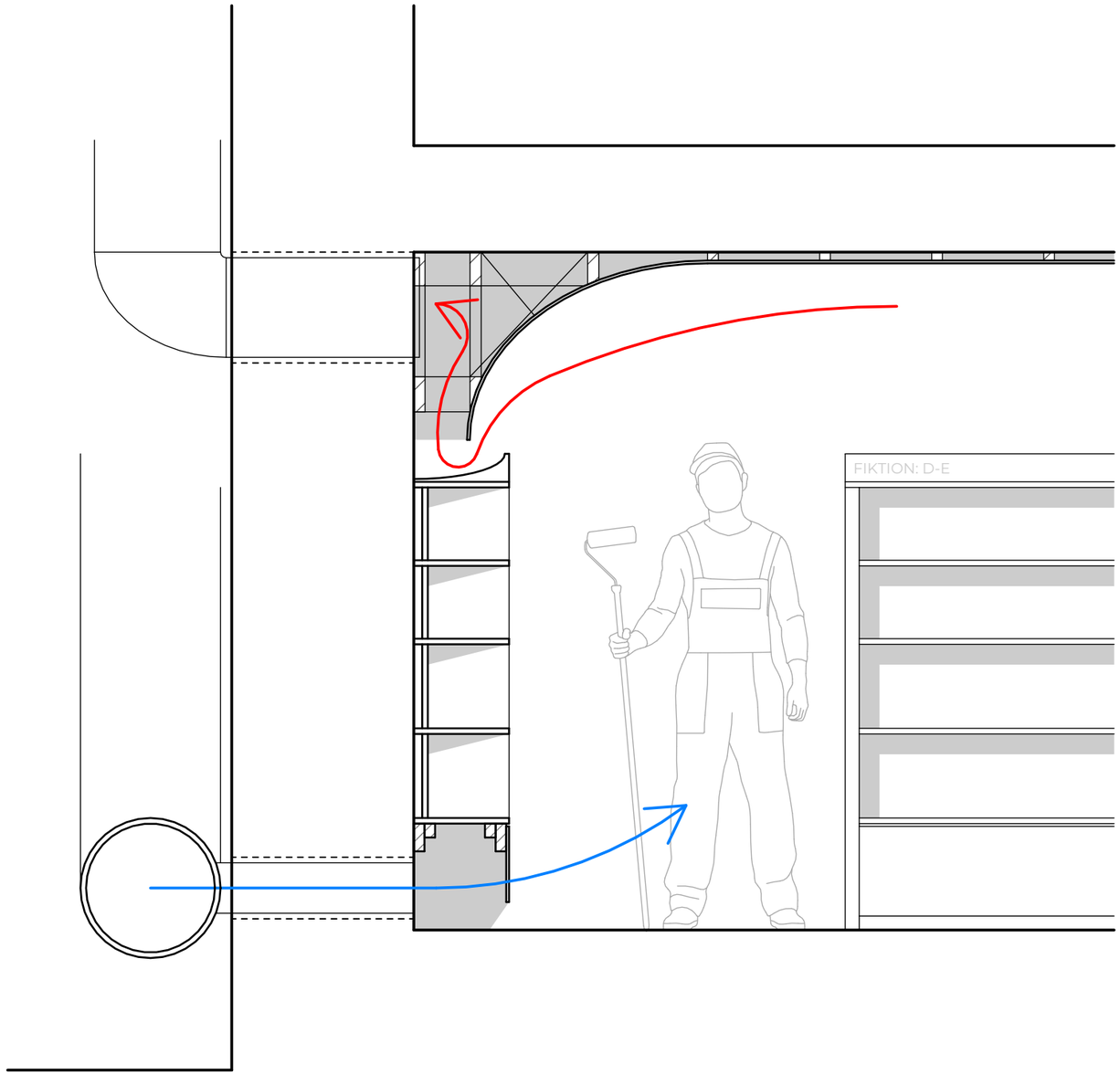
Filling the poché

Climate: generic section



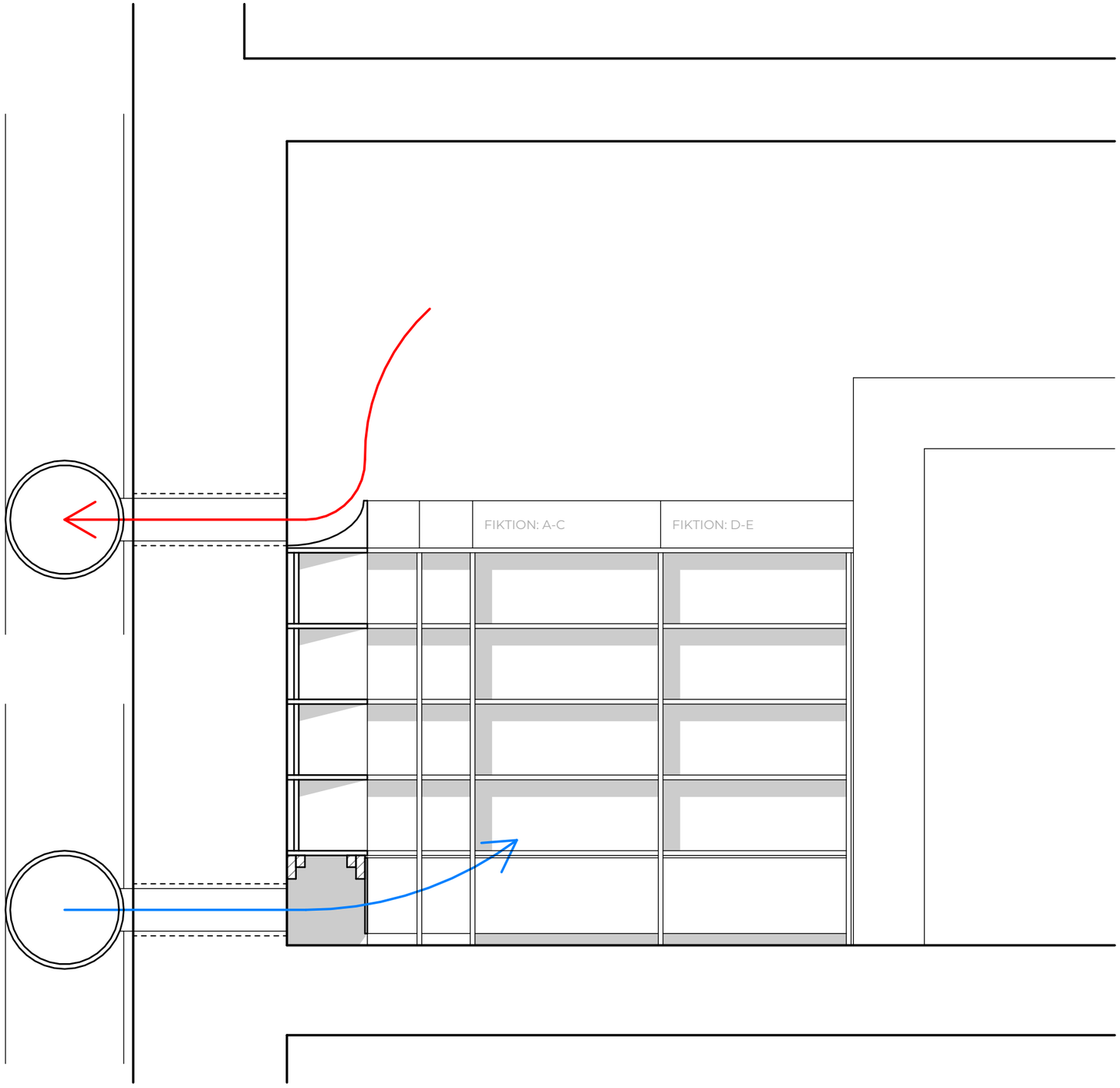
Filling the poché

Climate: inlet and exhaust basement



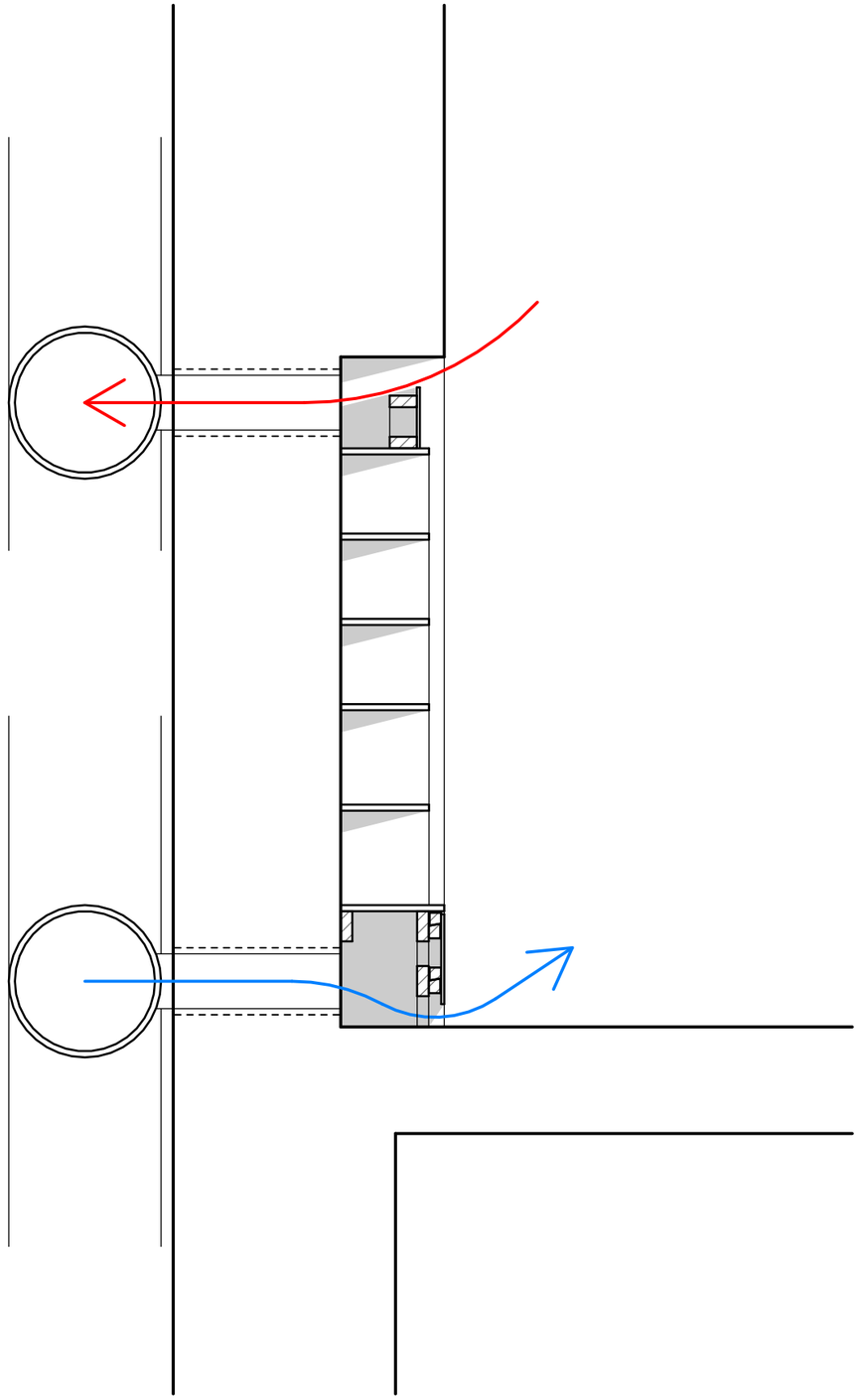
Filling the poché

Climate: inlet and exhaust entrance level



Filling the poché

Climate: inlet and exhaust reading halls

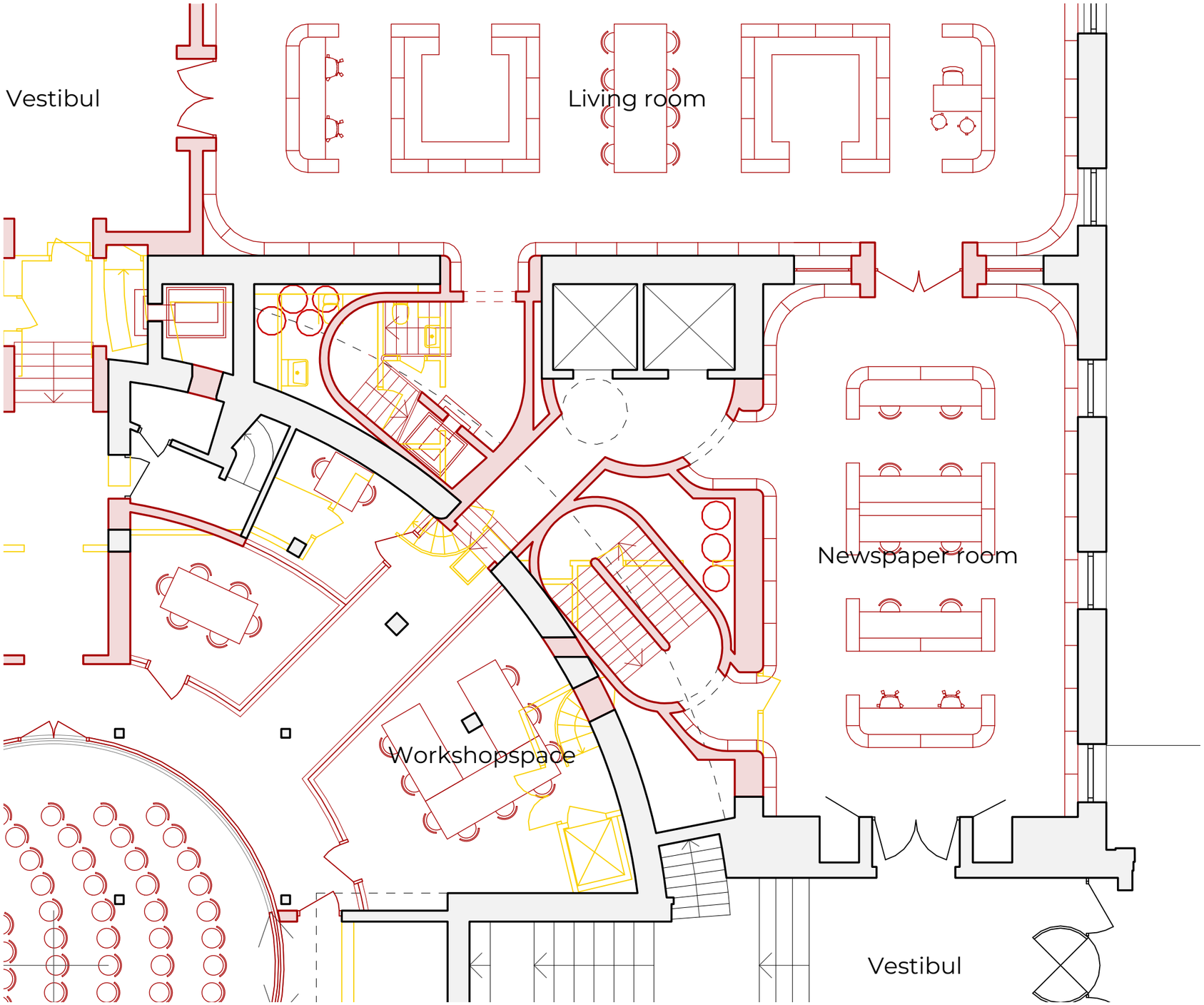


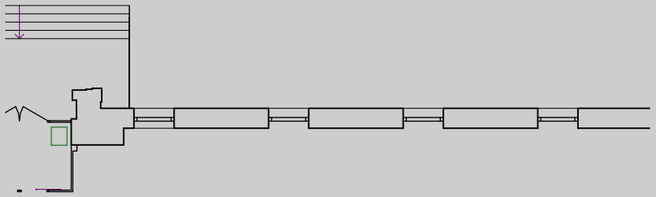
Filling the poché

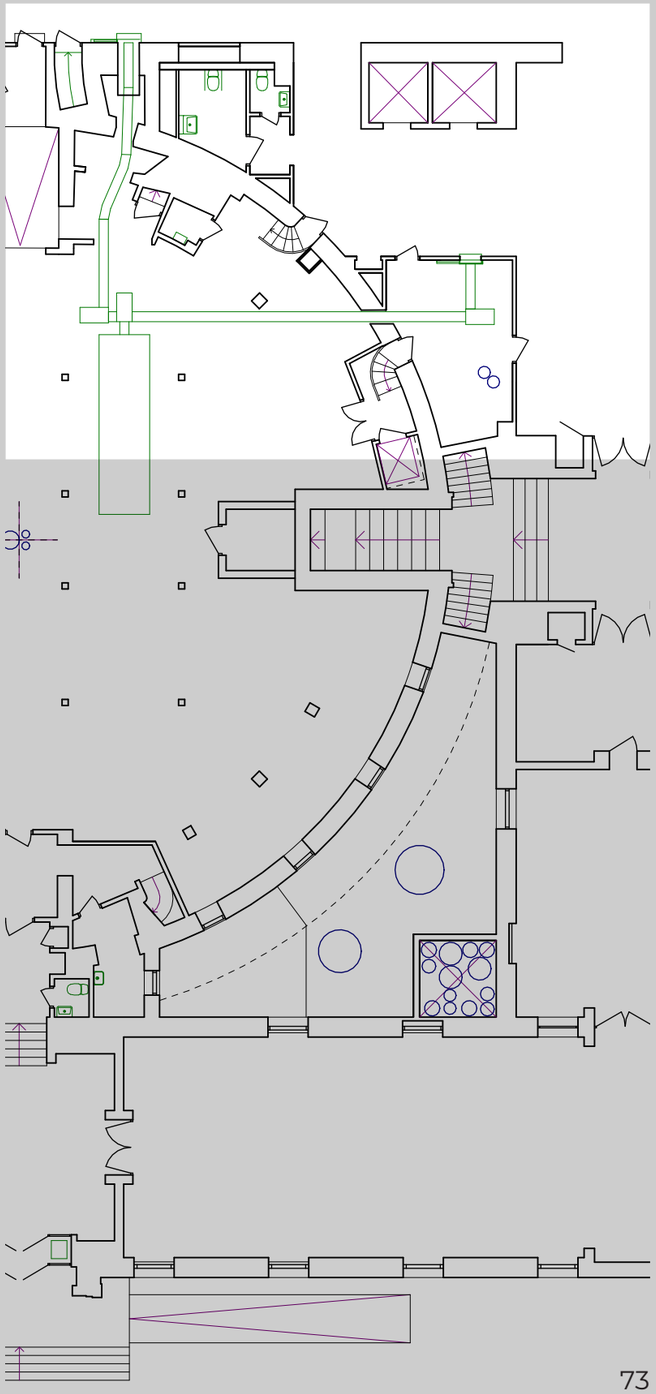
Servant spaces

Filling the poché

NE poché: new entrance level

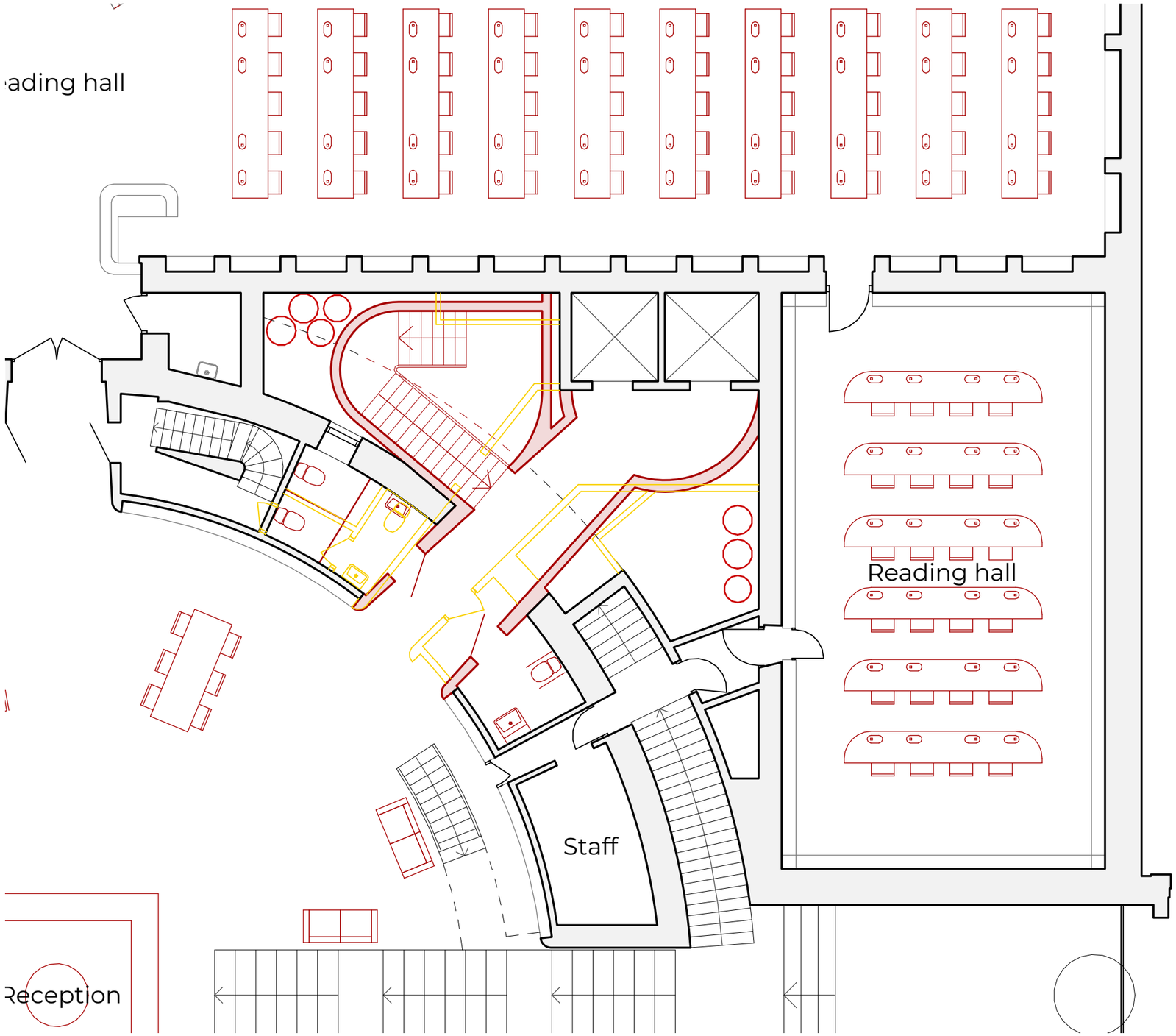


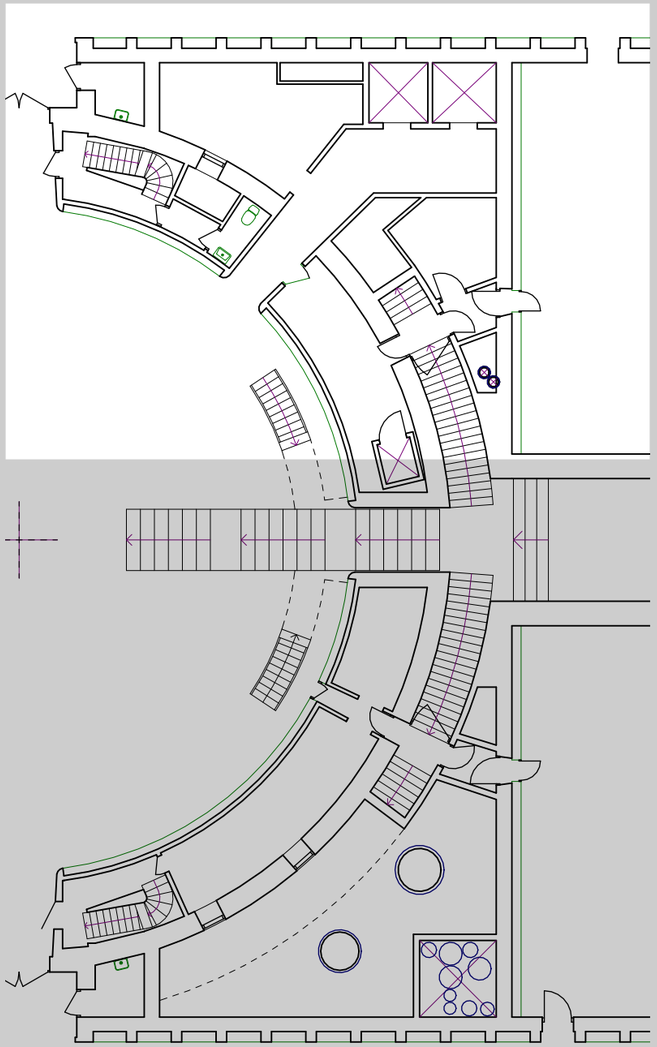




Filling the poché

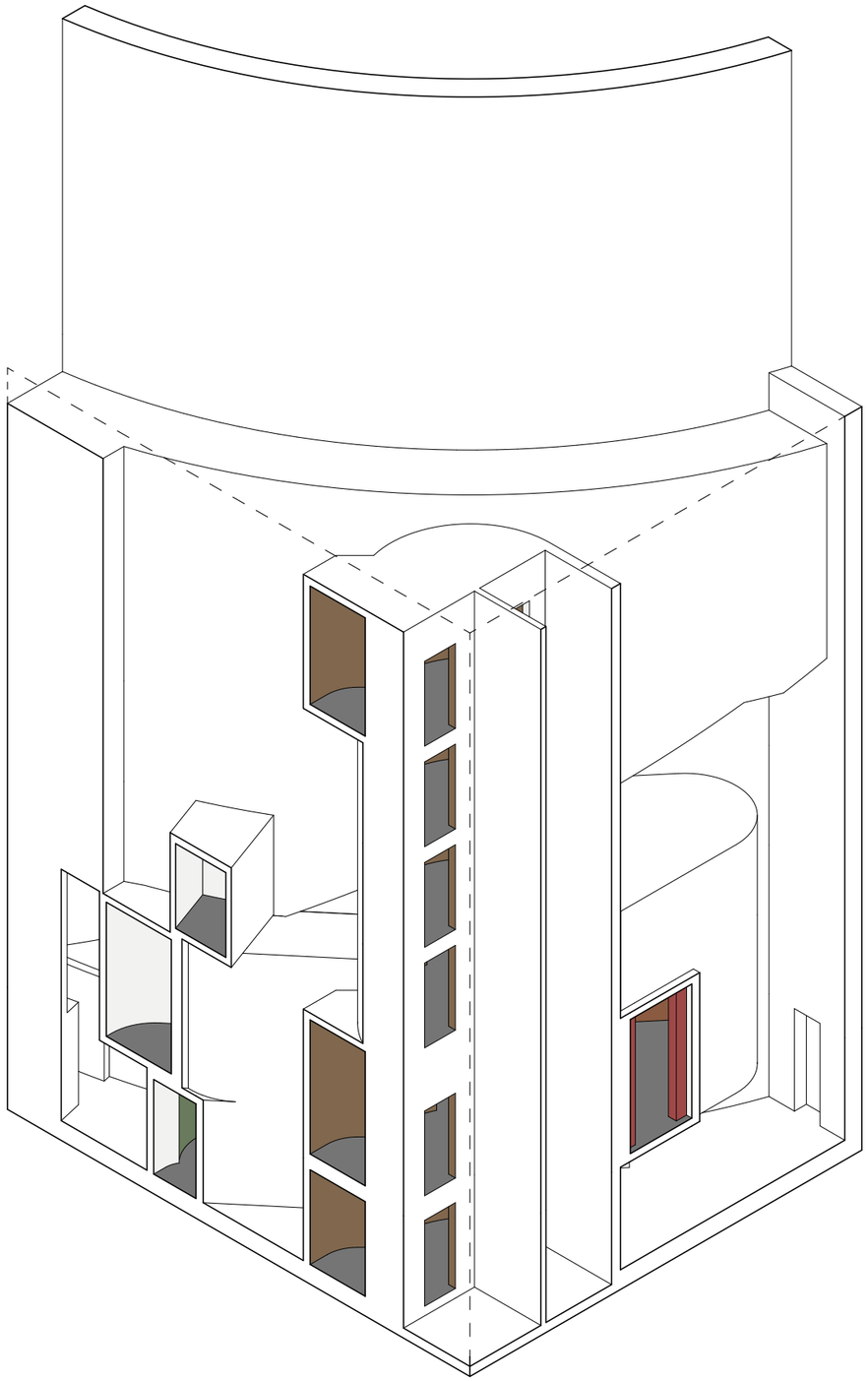
NE poché: new rotunda level

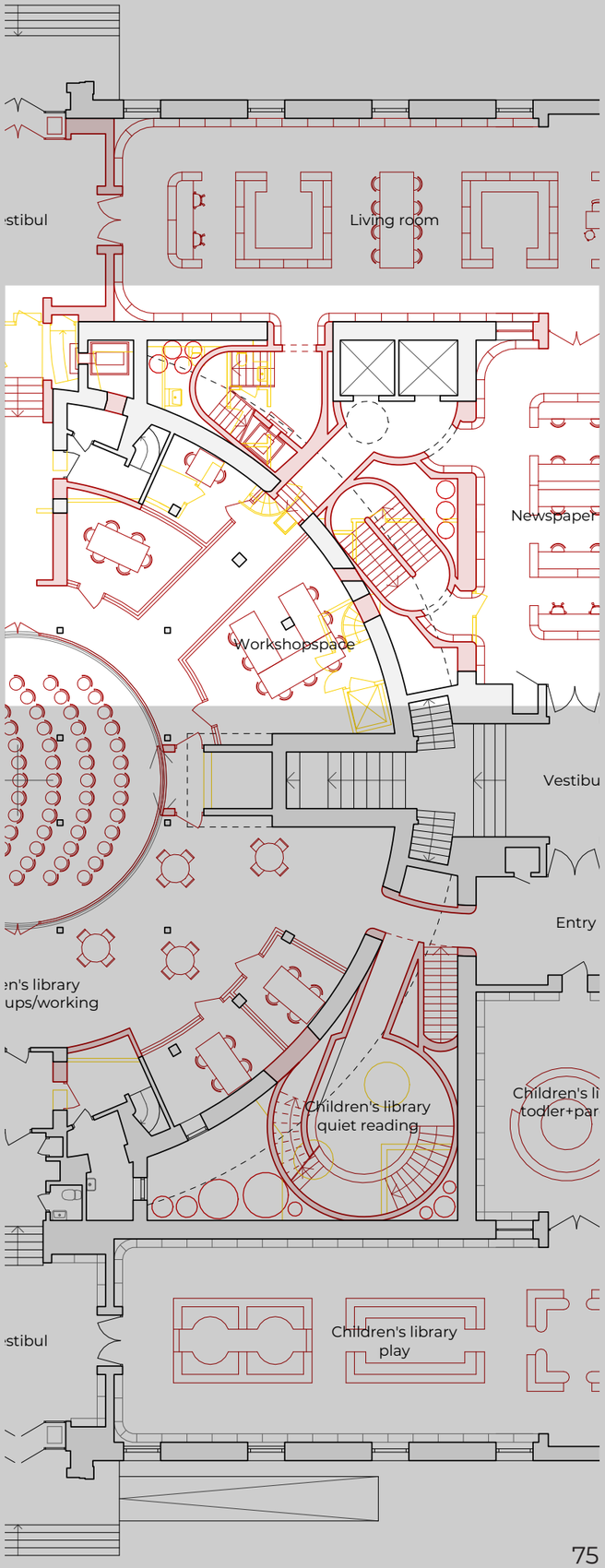




Filling the poché

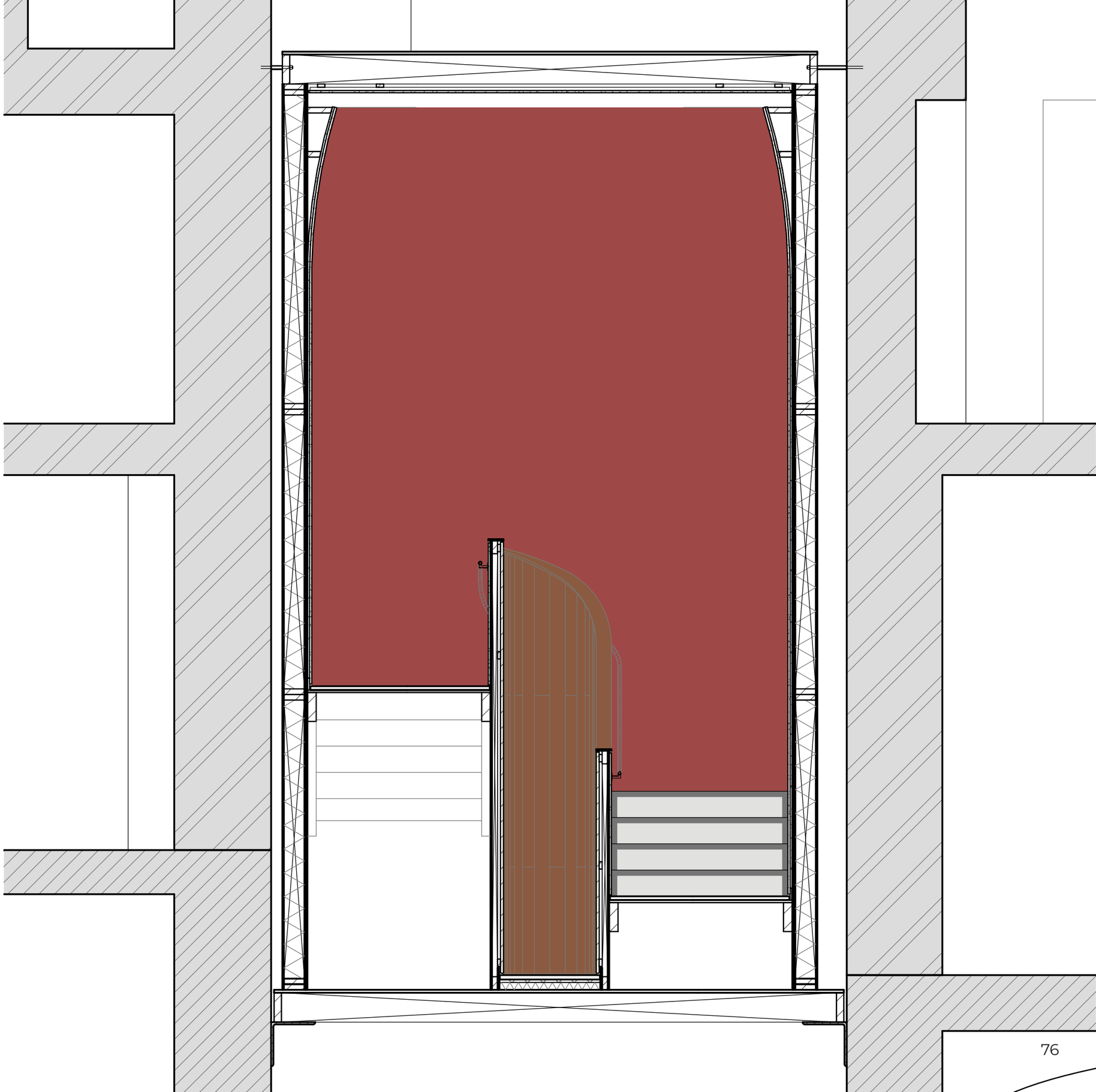
NE poché: axonometric





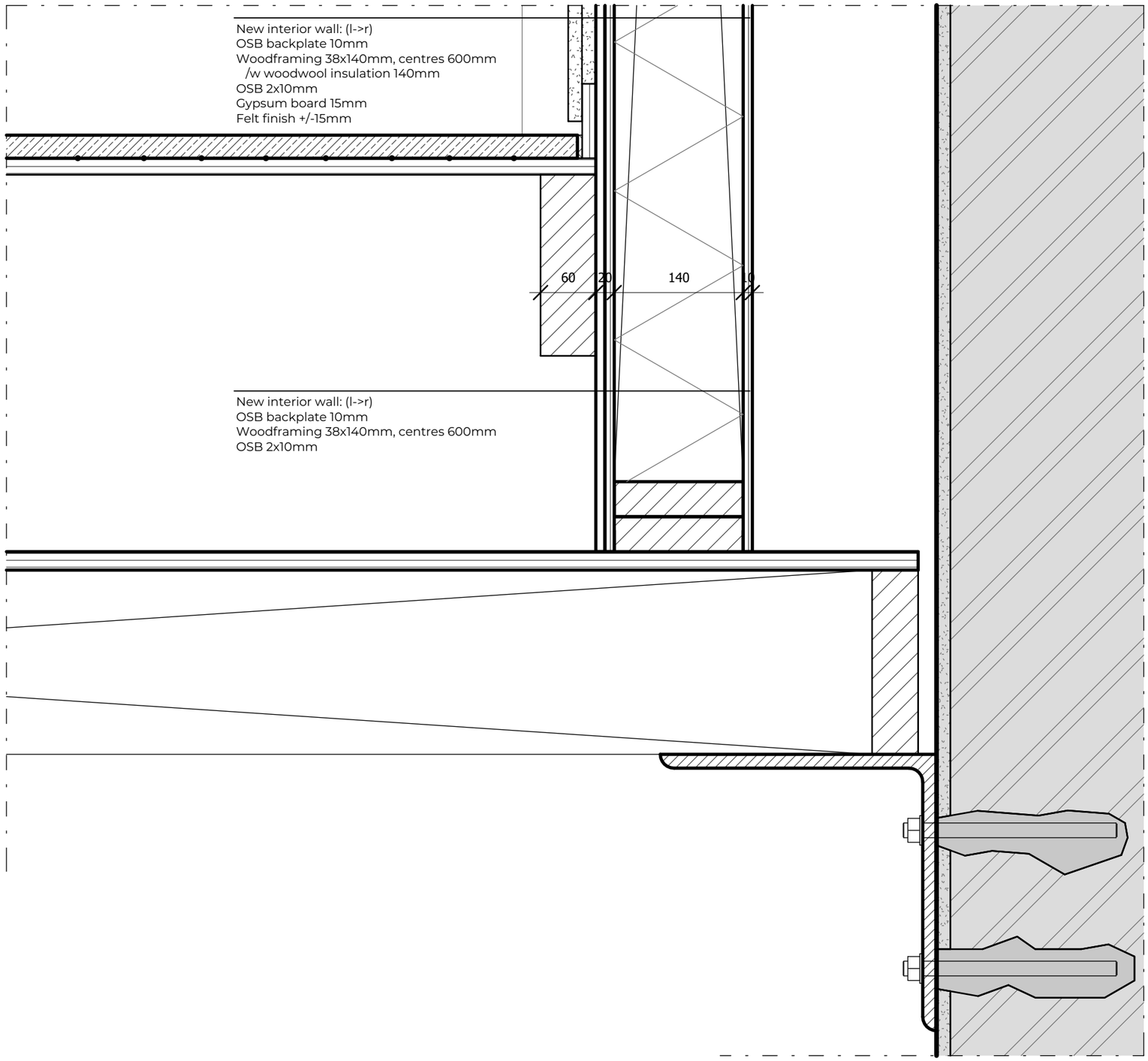
Filling the poché

NE poché: section



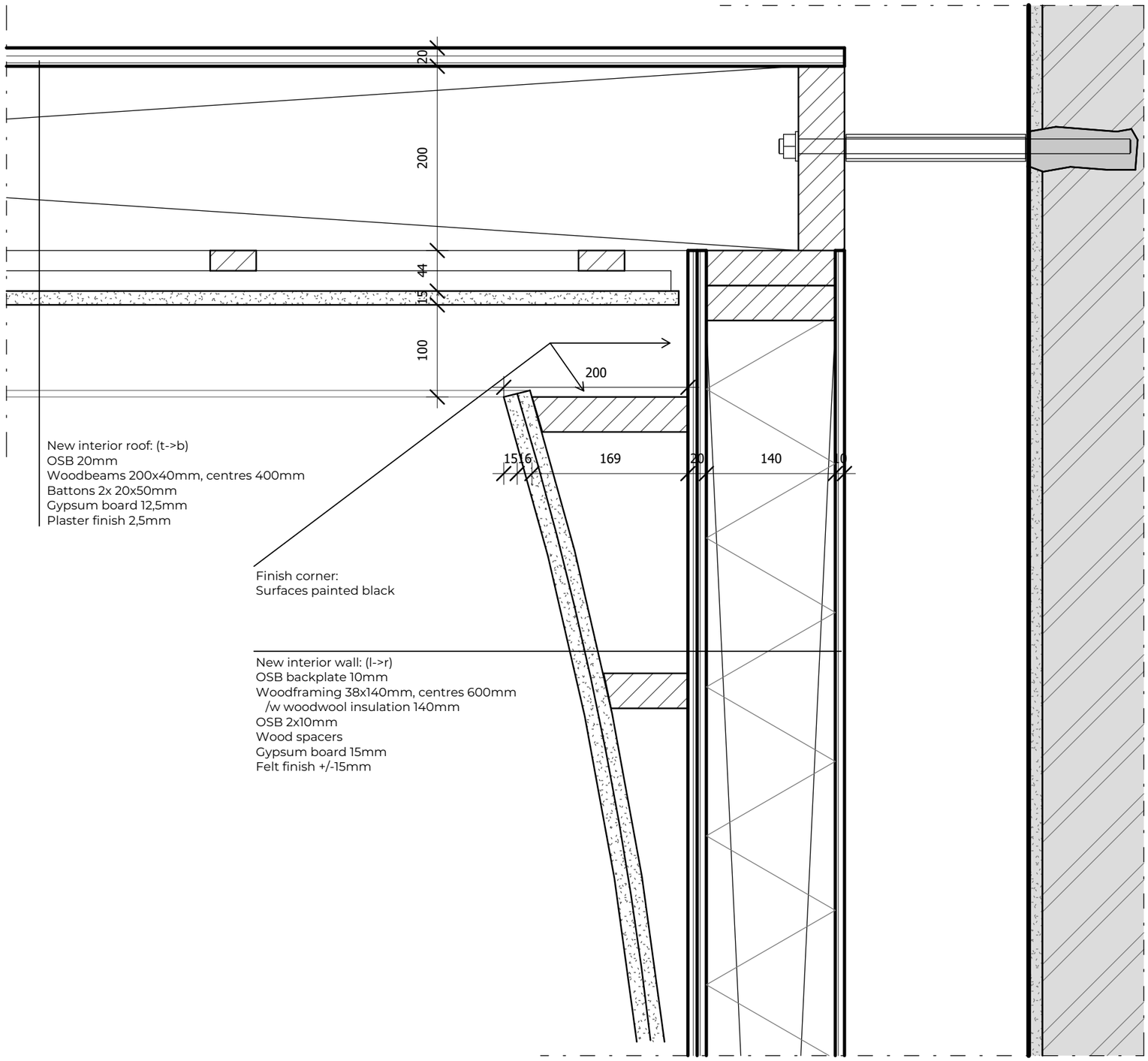
Filling the poché

NE poché: floor detail



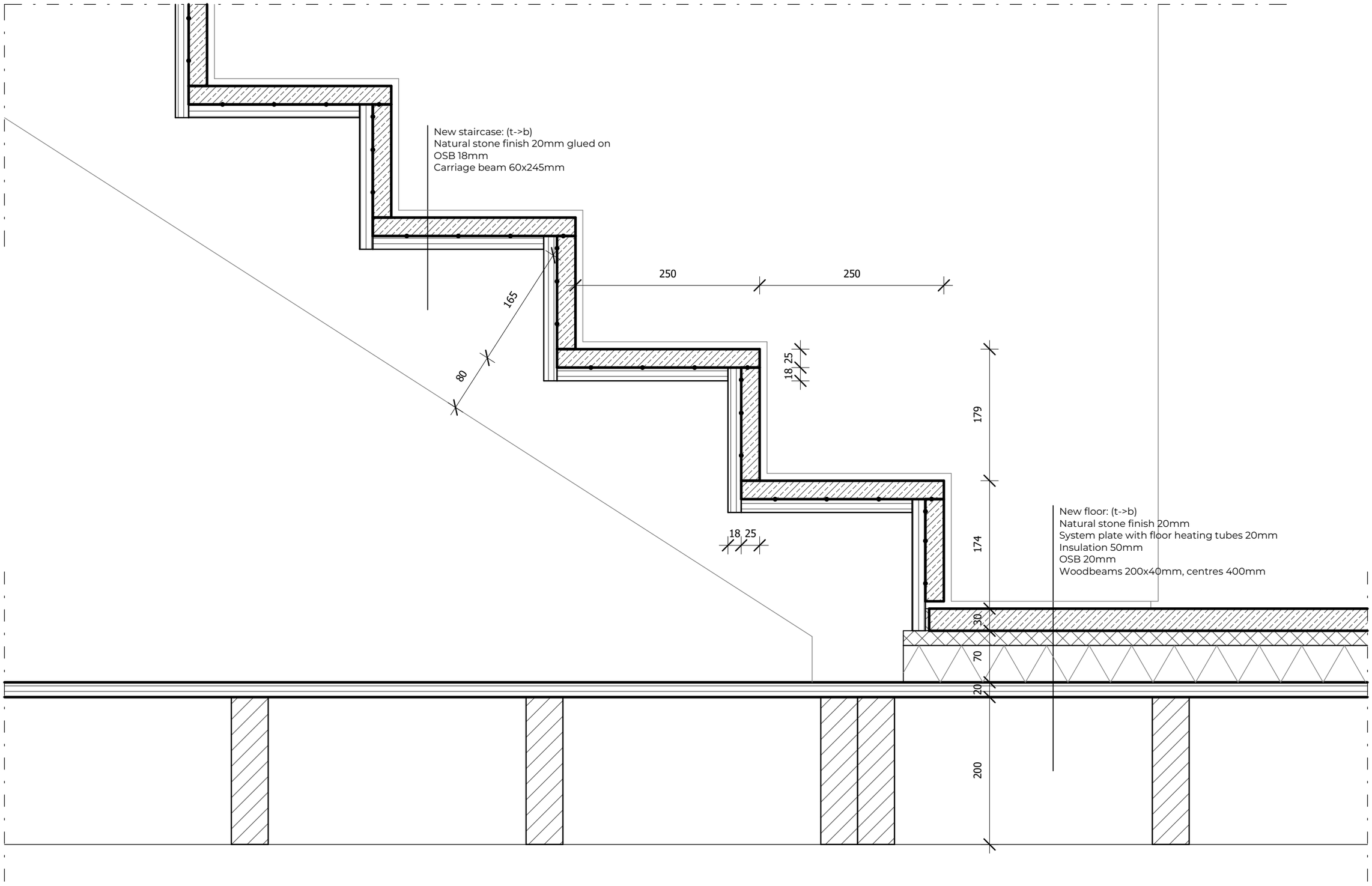
Filling the poché

NE poché: ceiling detail



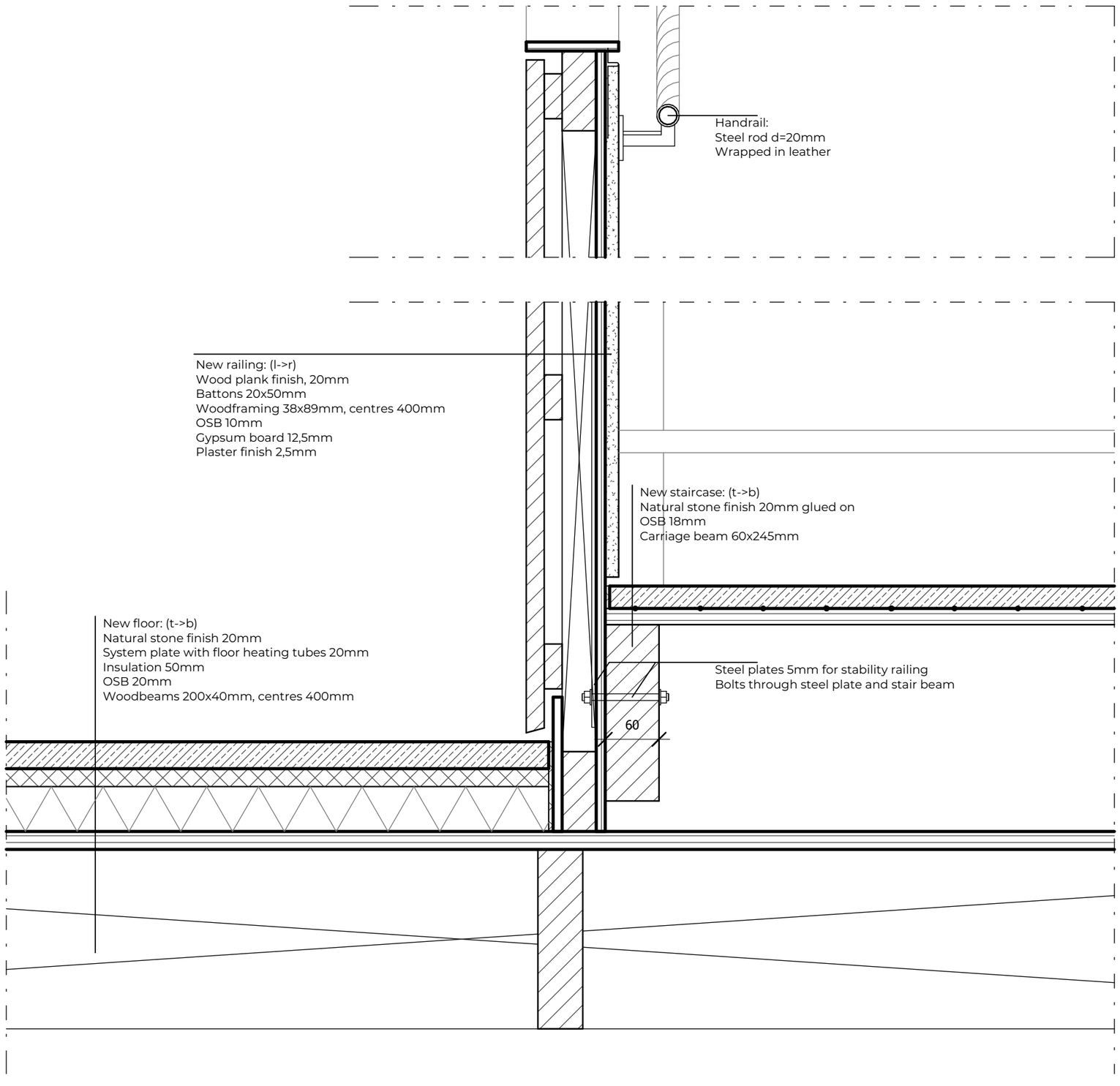
Filling the poché

NE poché: stair detail



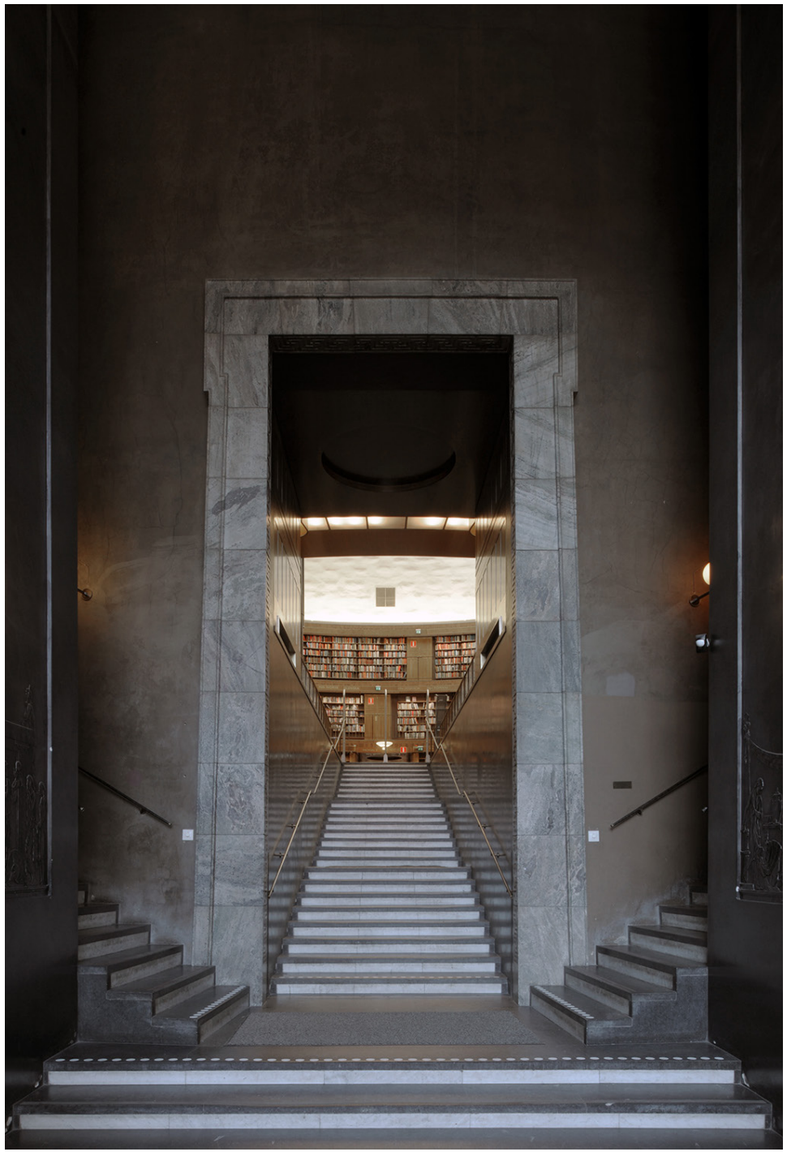
Filling the poché

NE poché: railing detail



Filling the poché

NE poché: portals in the library

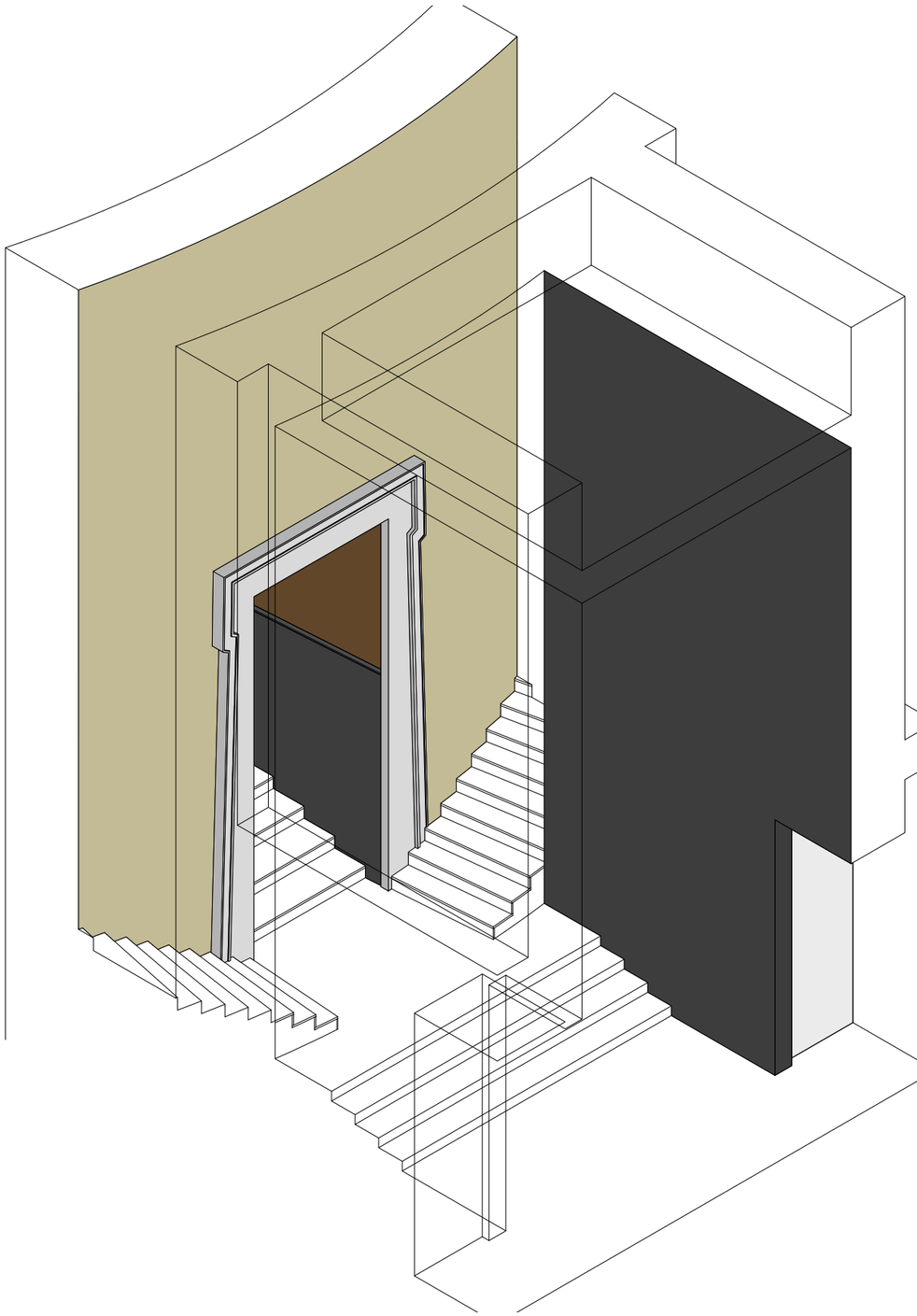


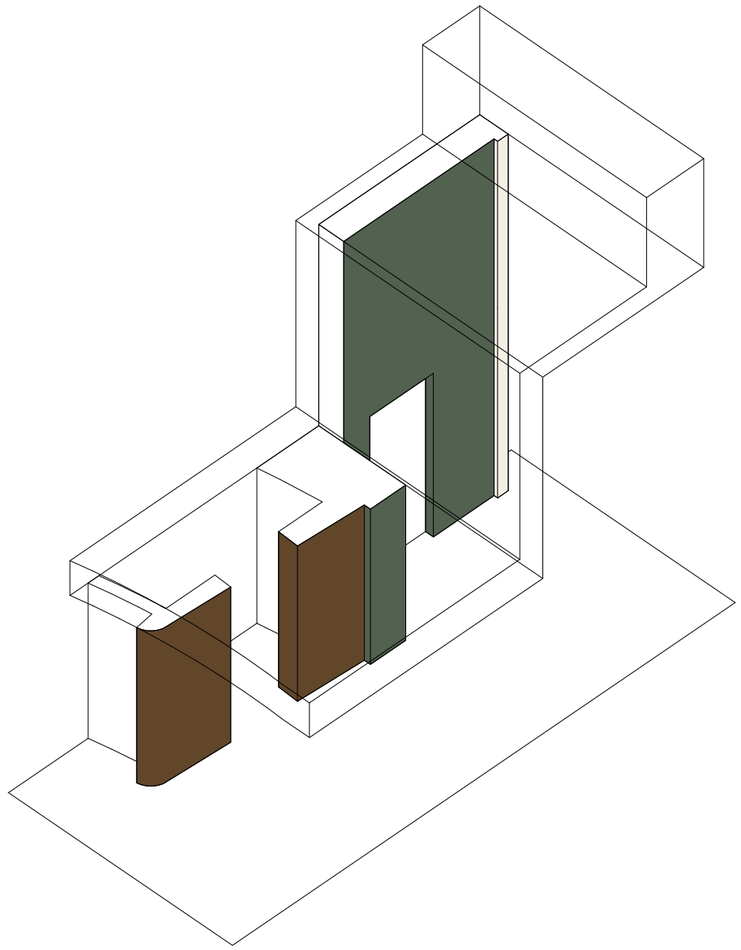
Filling the poché

NE poché: cuts in the library

Filling the poché

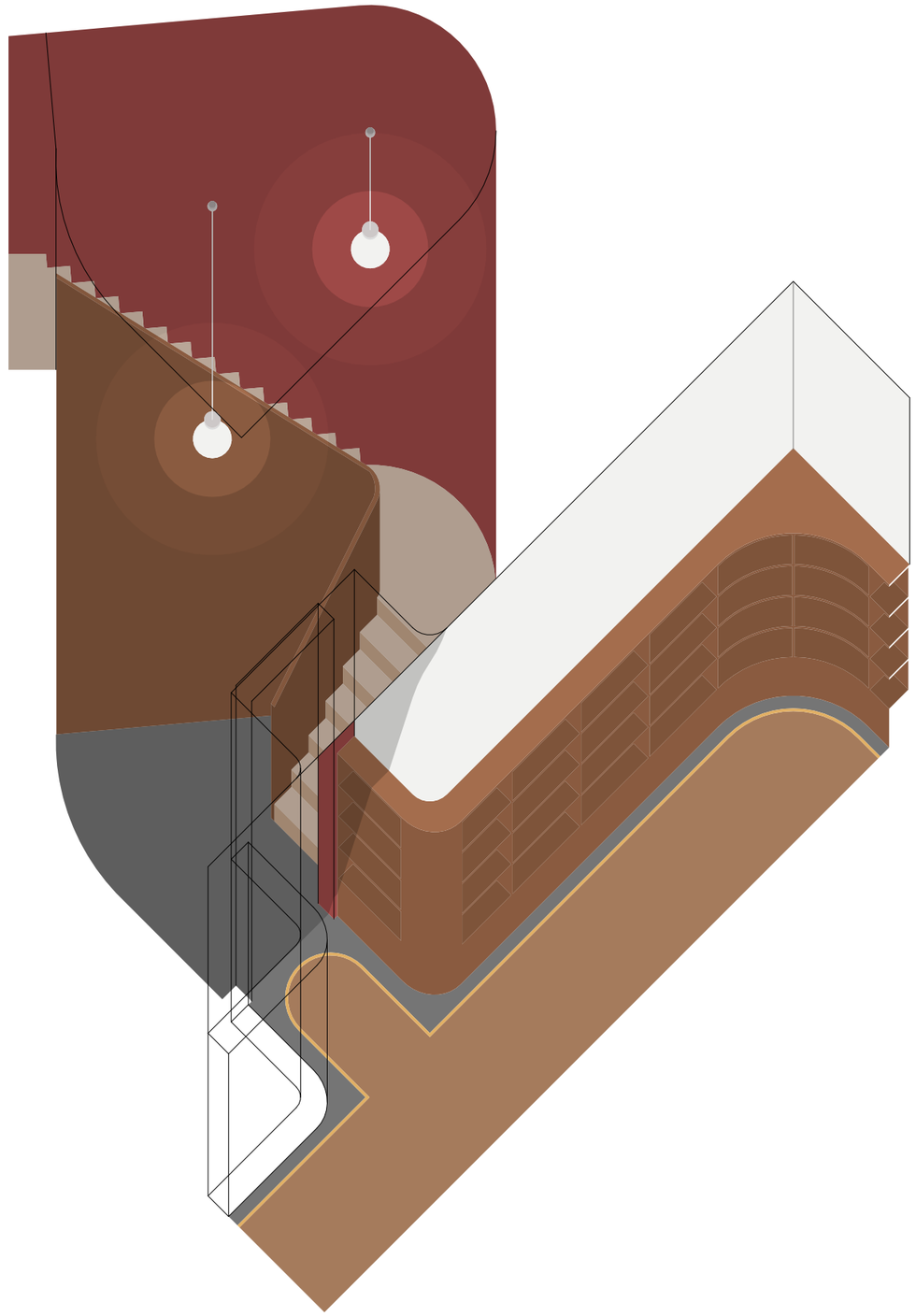
NE poché: summarizing axo's





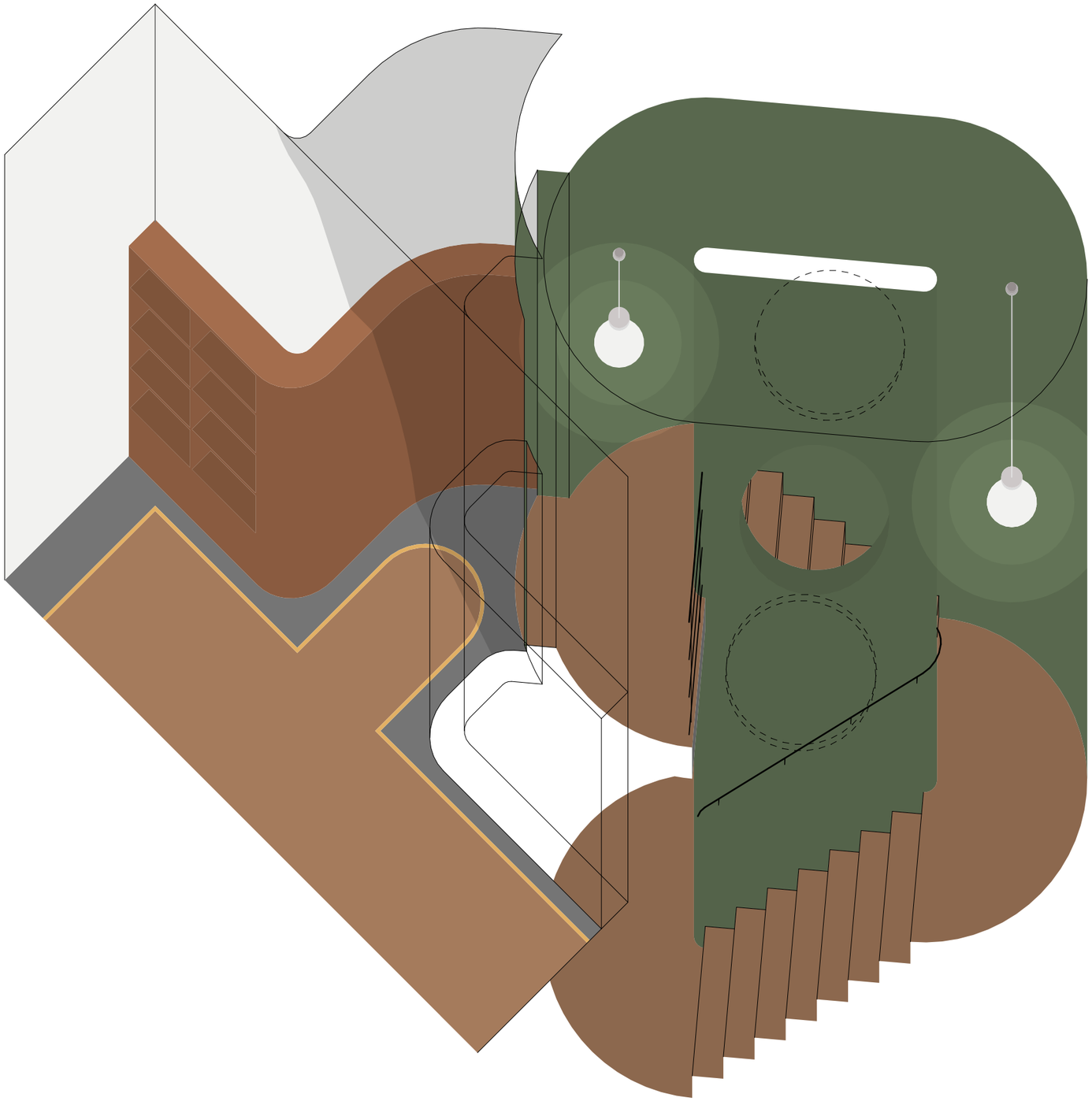
Filling the poché

NE poché: from room to poché



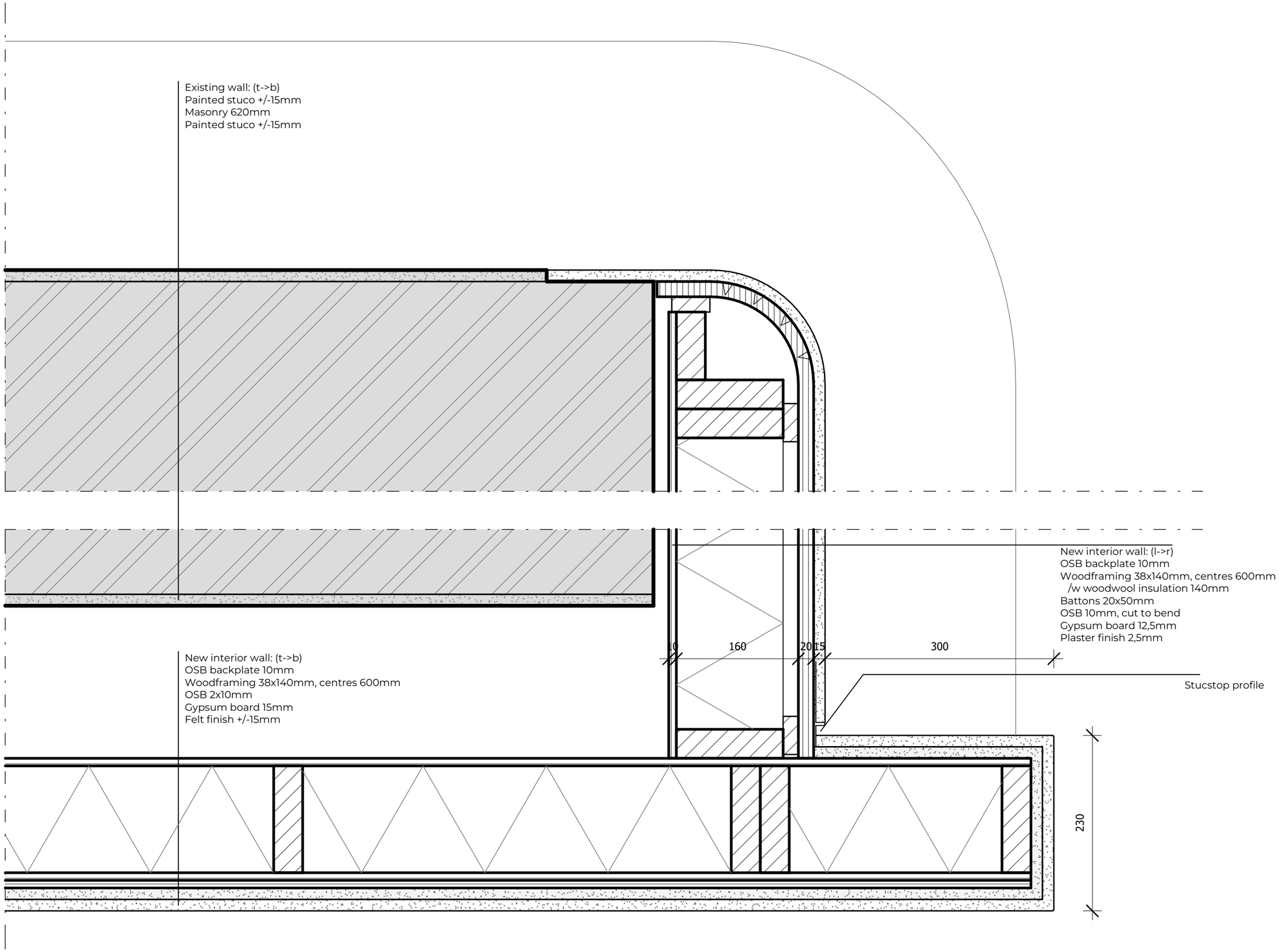
Filling the poché

NE poché: from room to poché



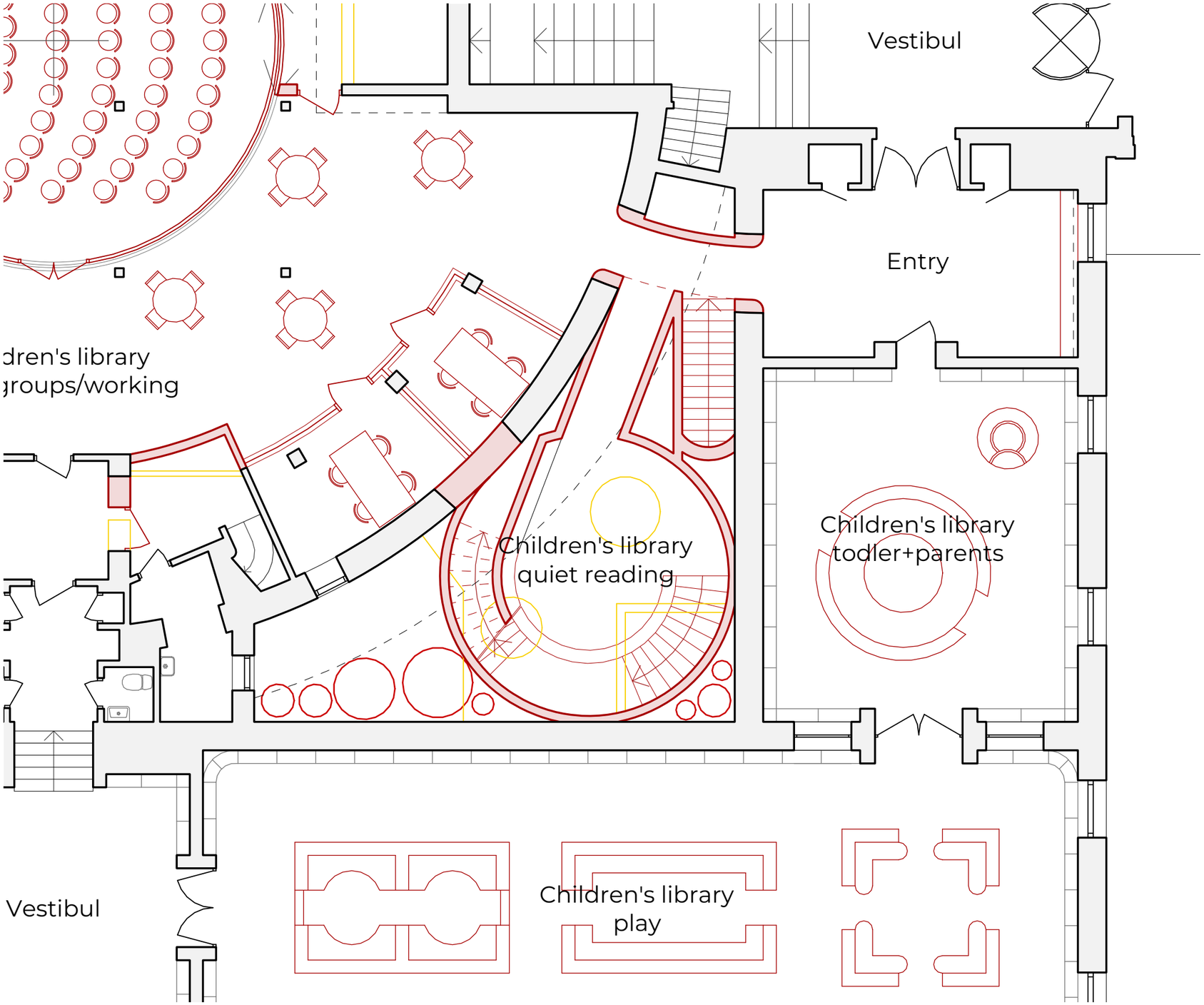
Filling the poché

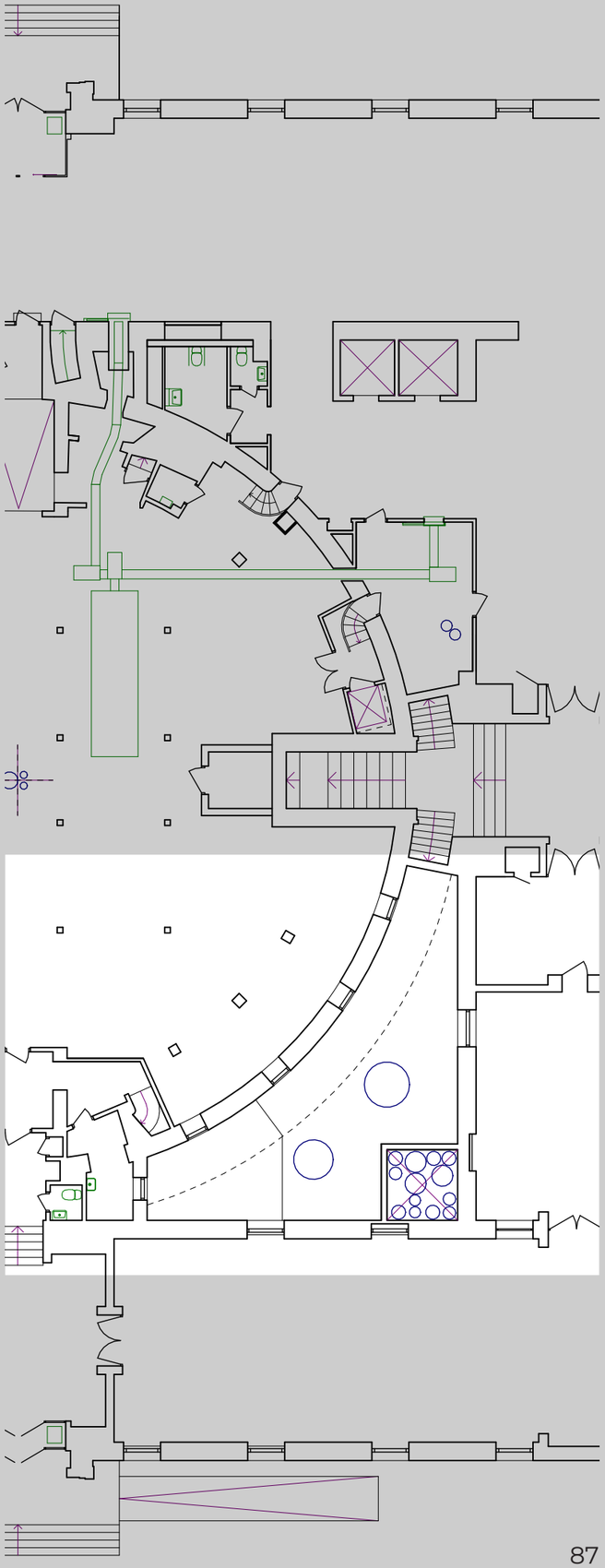
NE poché: threshold detail



Filling the poché

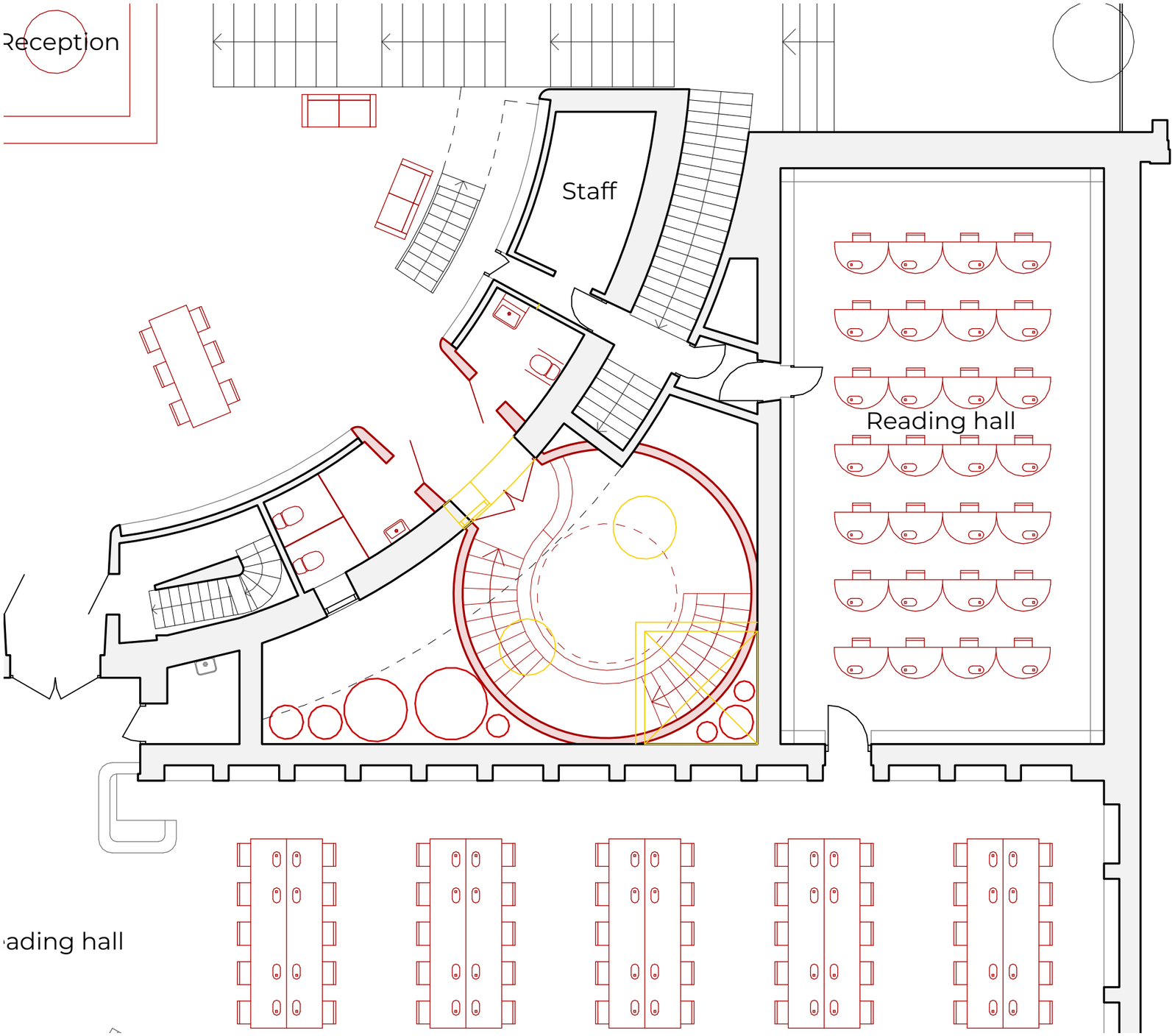
SE poché: entrance level plan

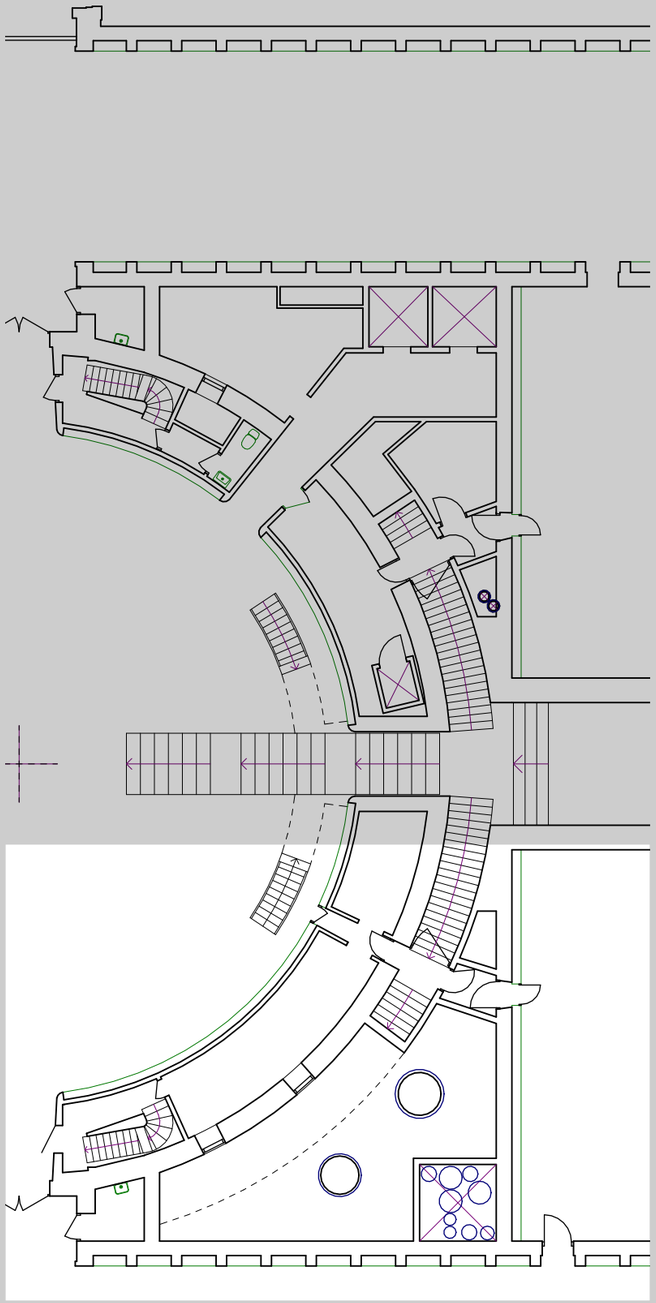




Filling the poché

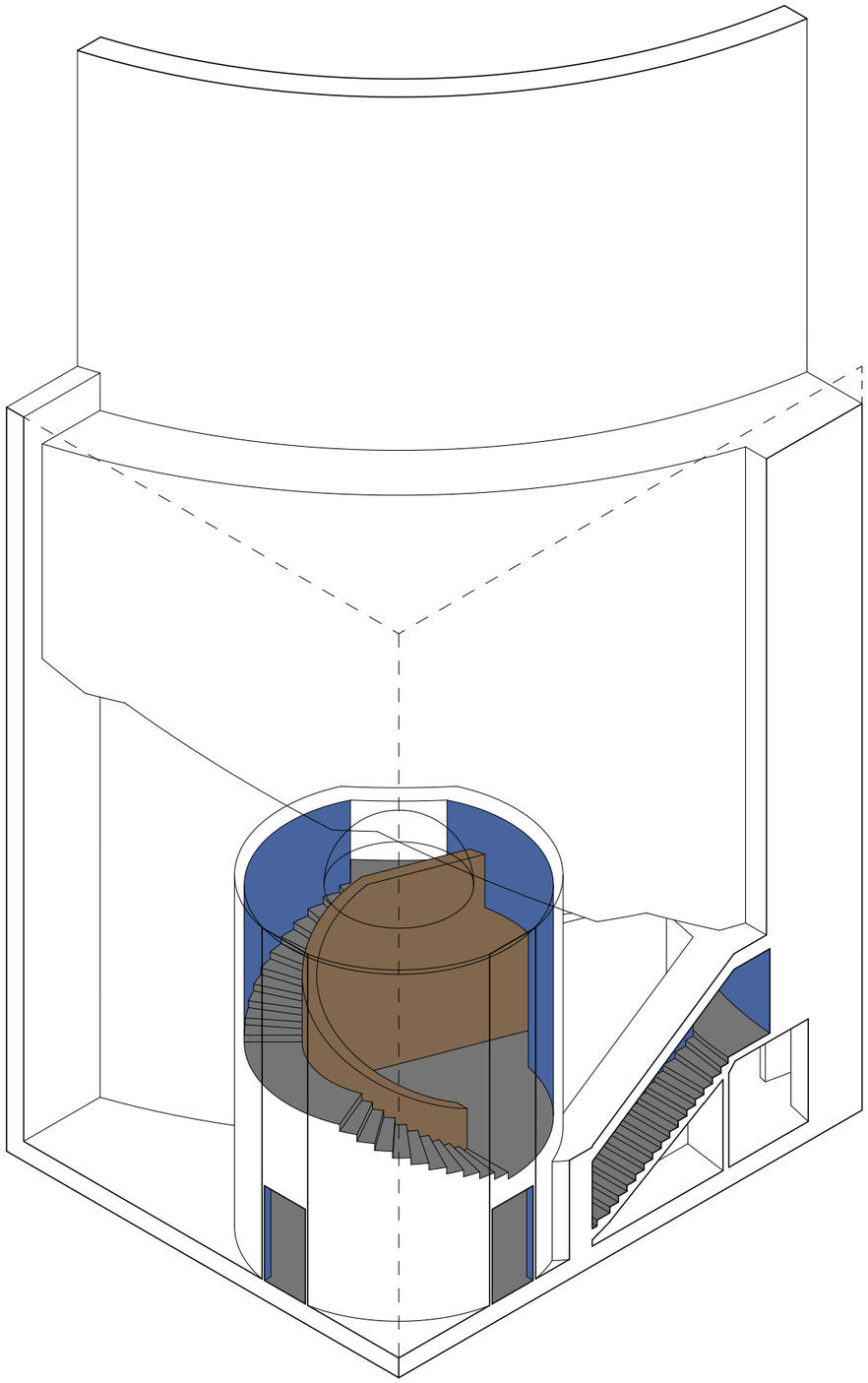
SE poché: rotunda level plan

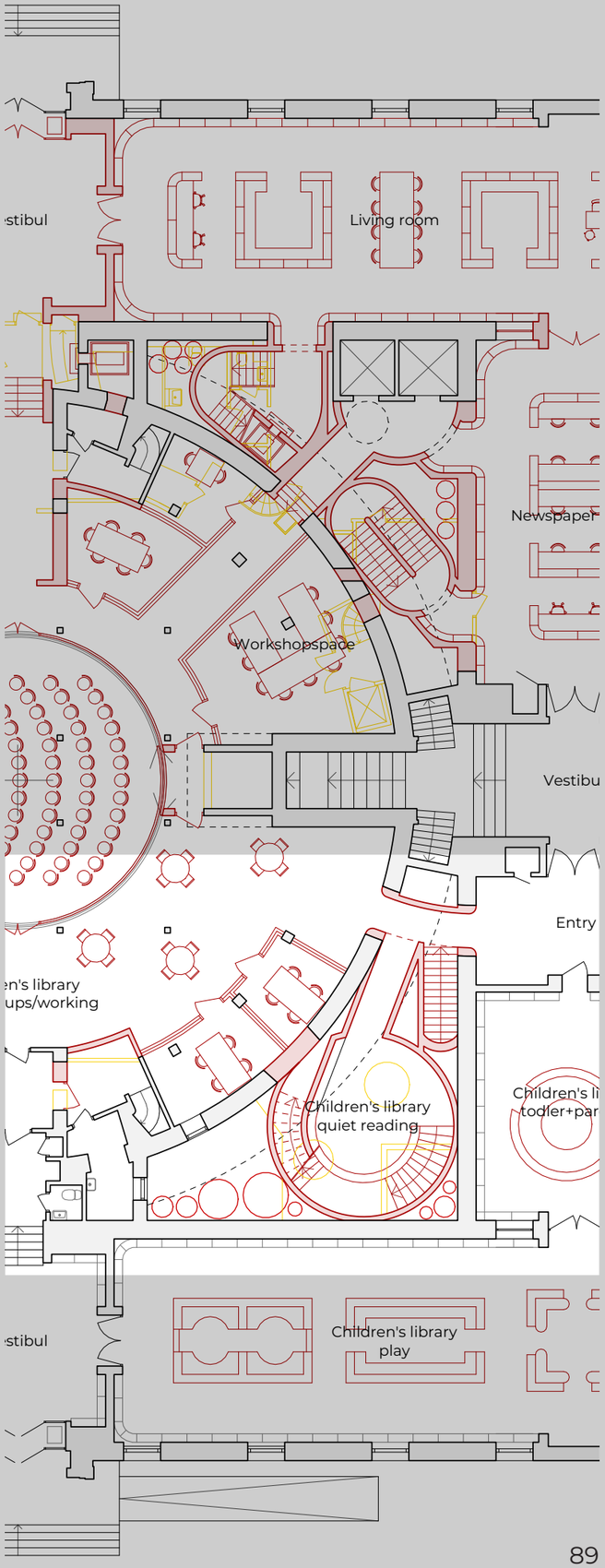




Filling the poché

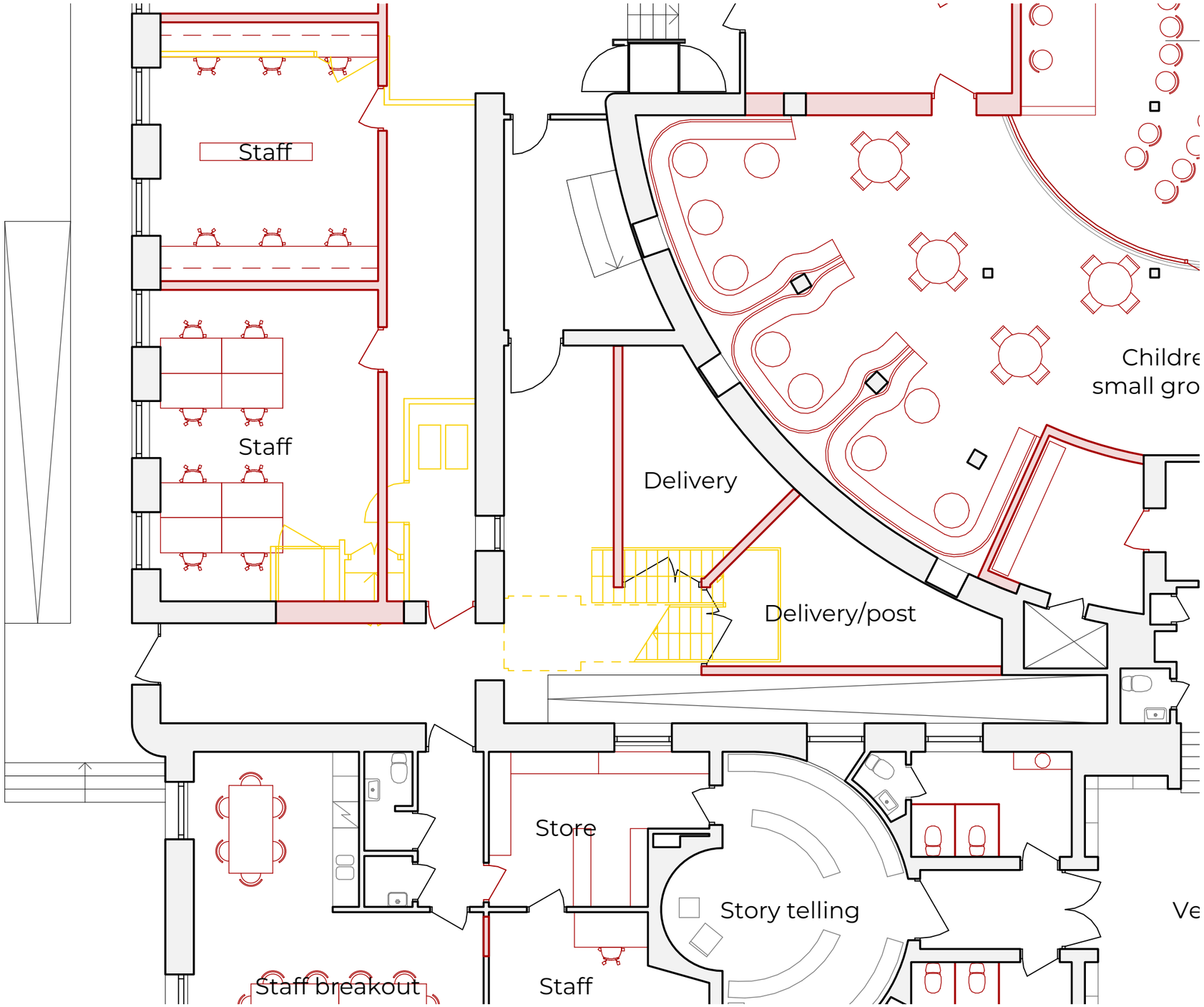
SE poché: axonometric

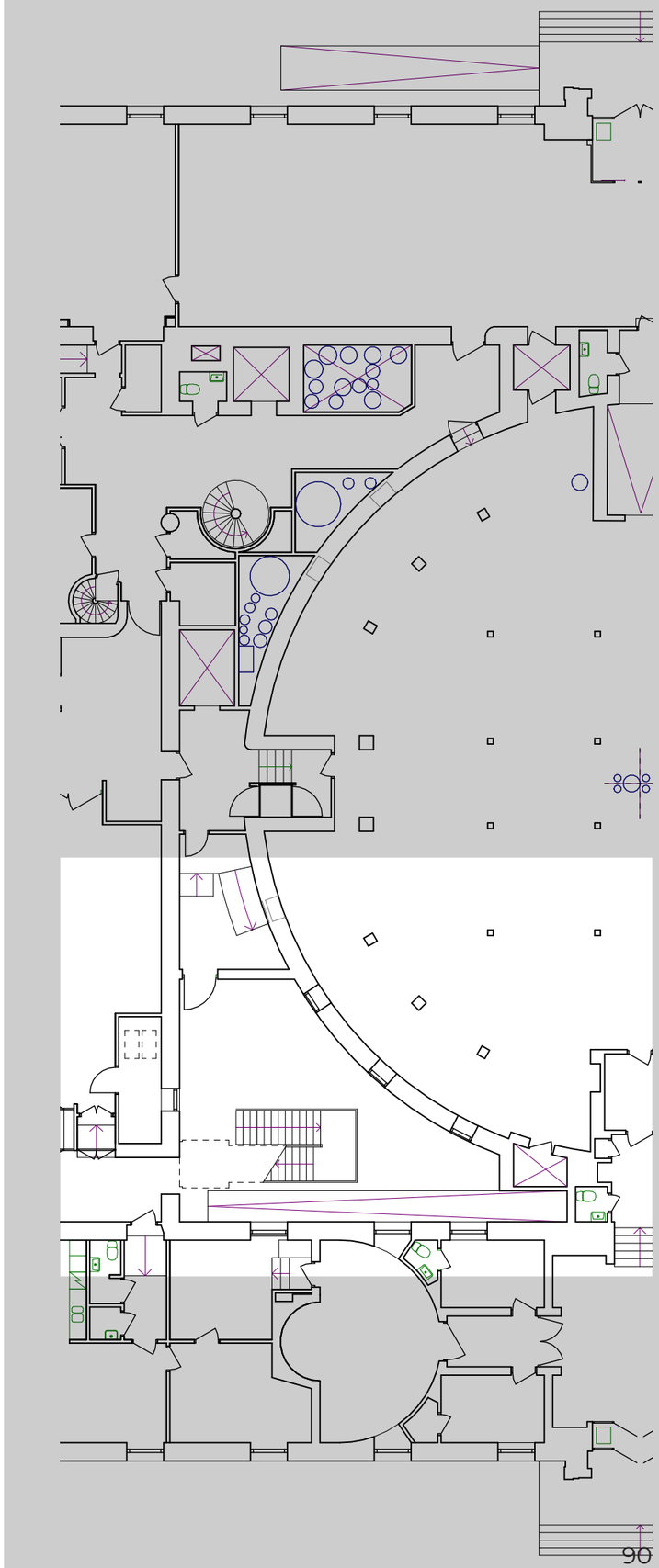




Filling the poché

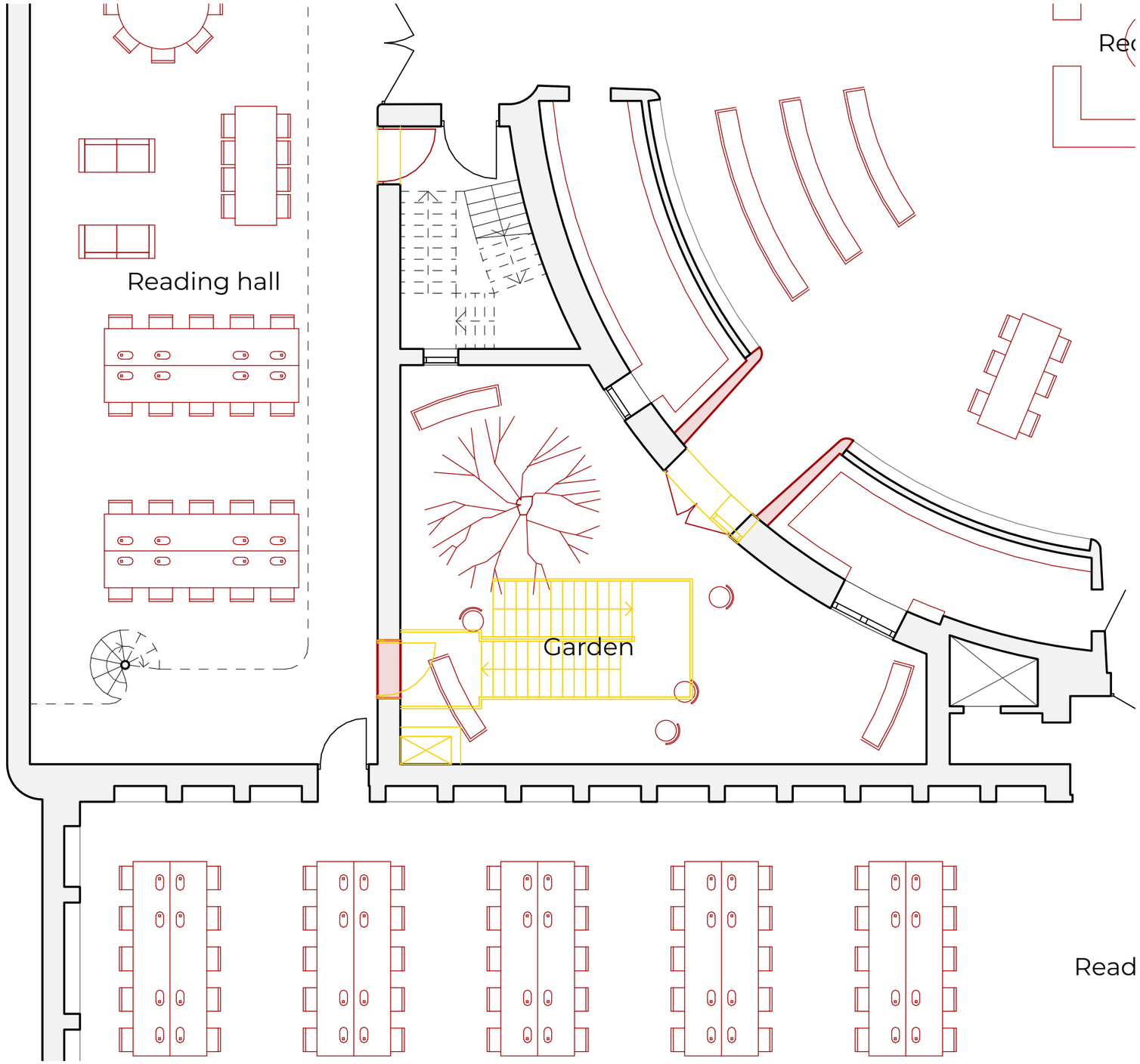
SW poché: entrance level

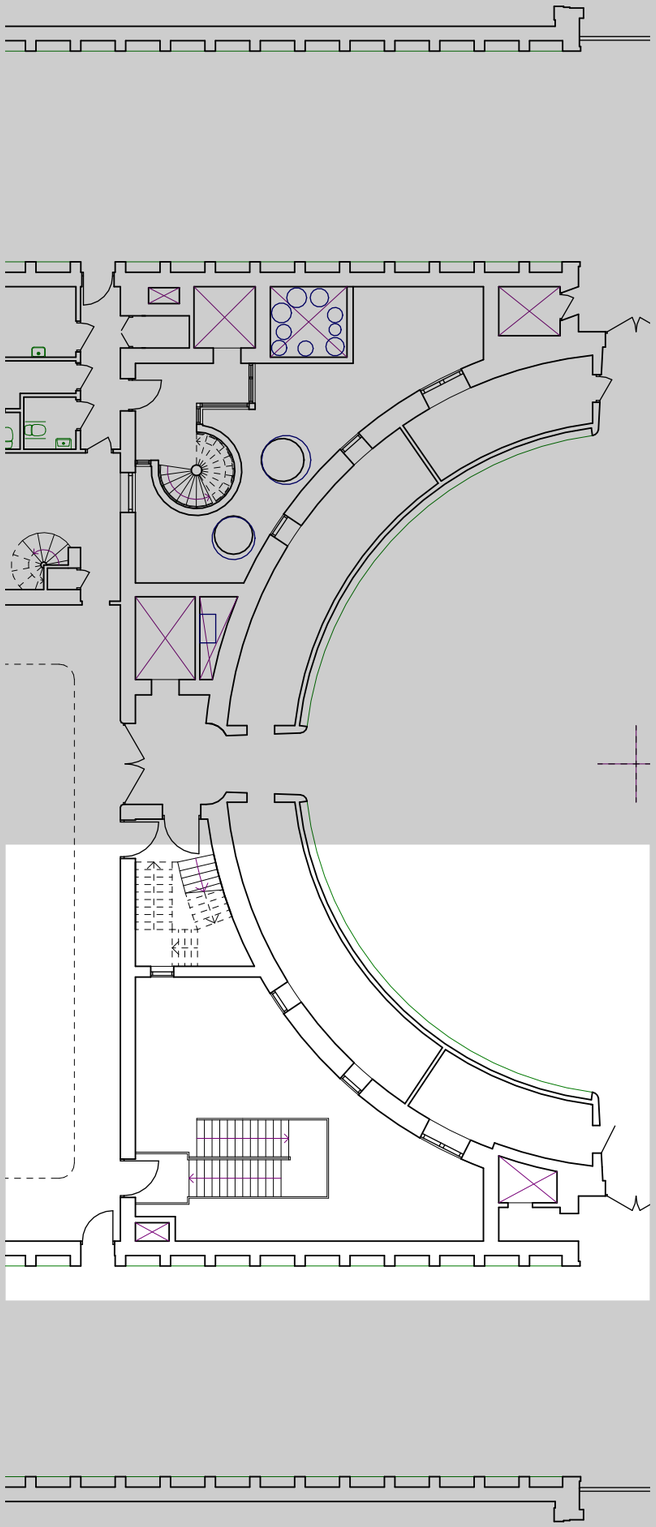




Filling the poché

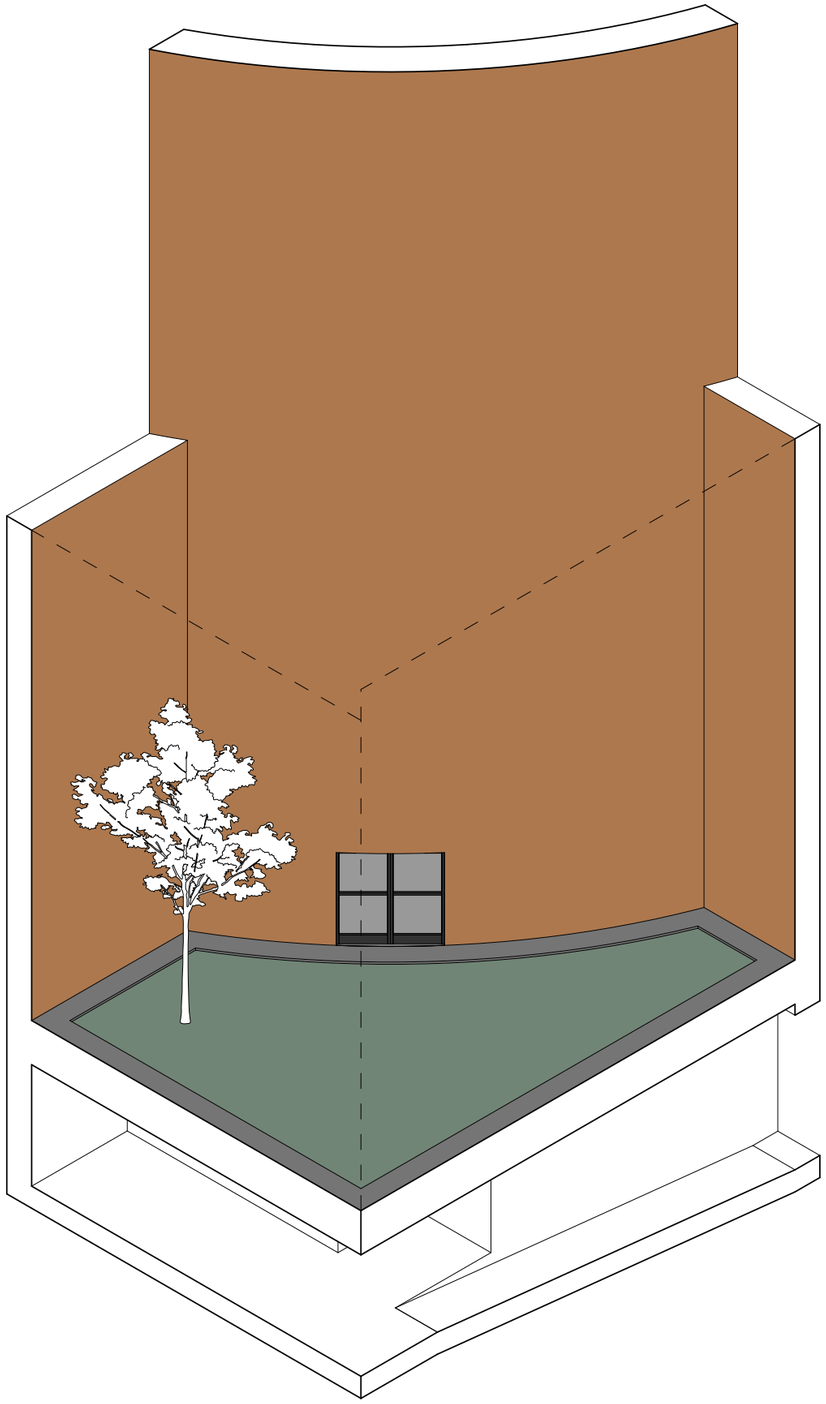
SW poché: rotunda level

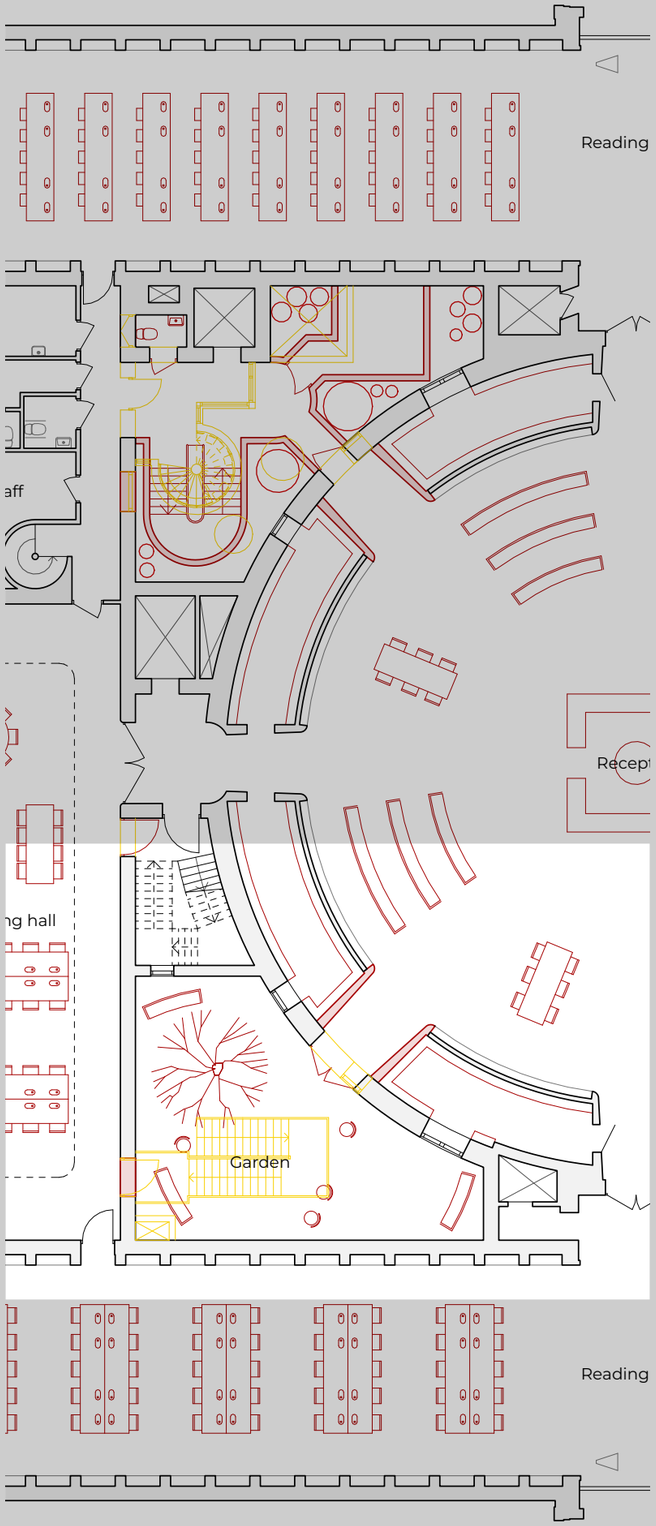




Filling the poché

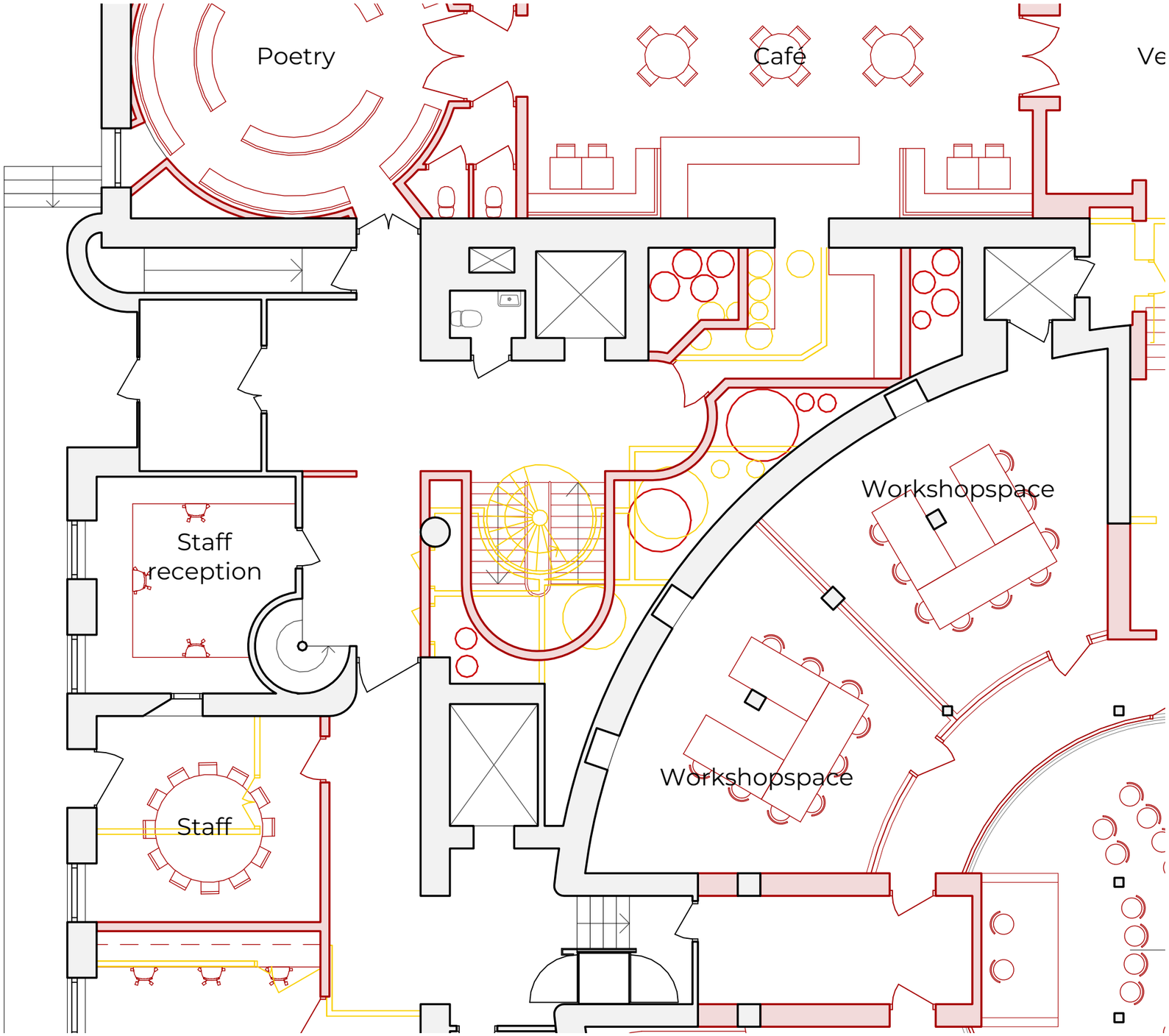
SW poché: rotunda level

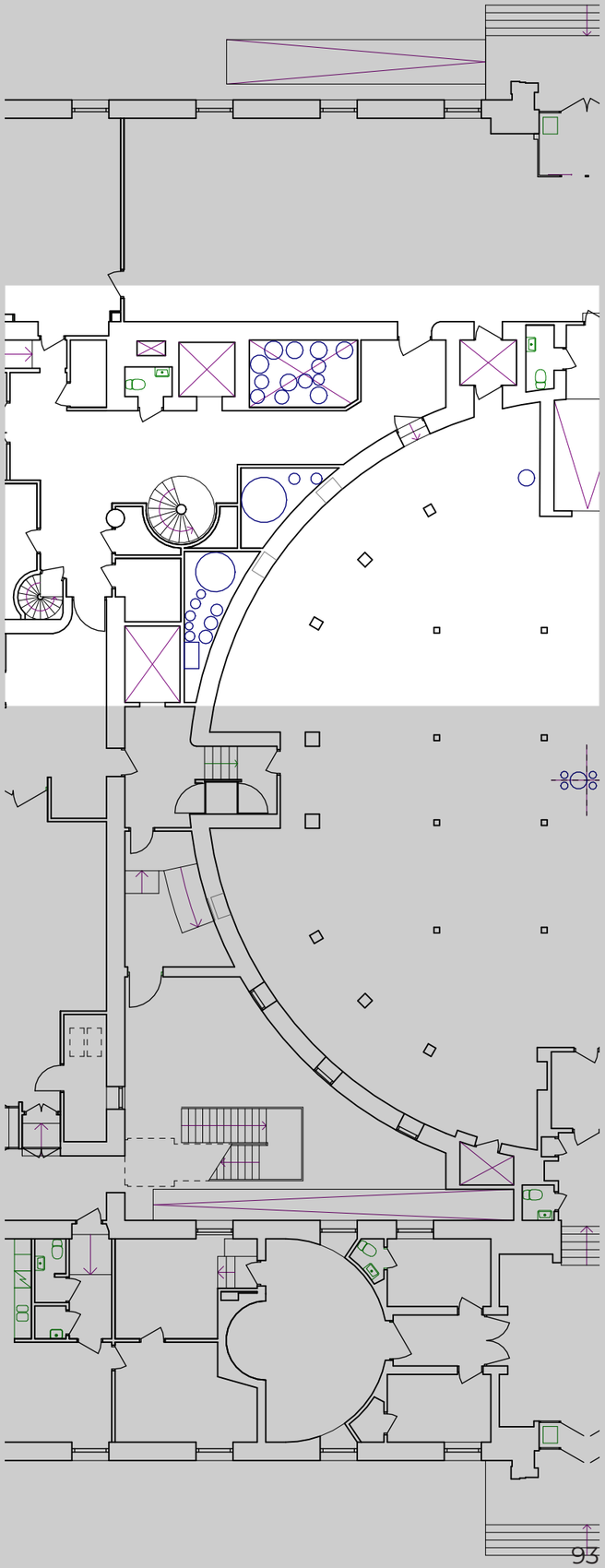




Filling the poché

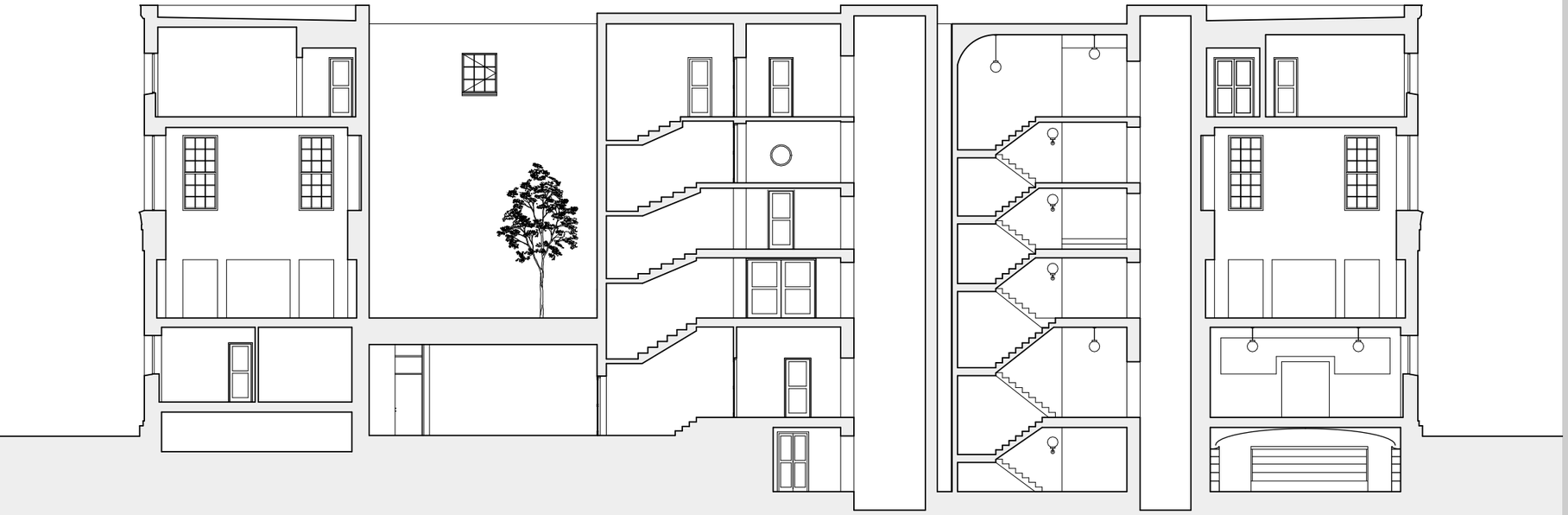
NW poché: new entrance level

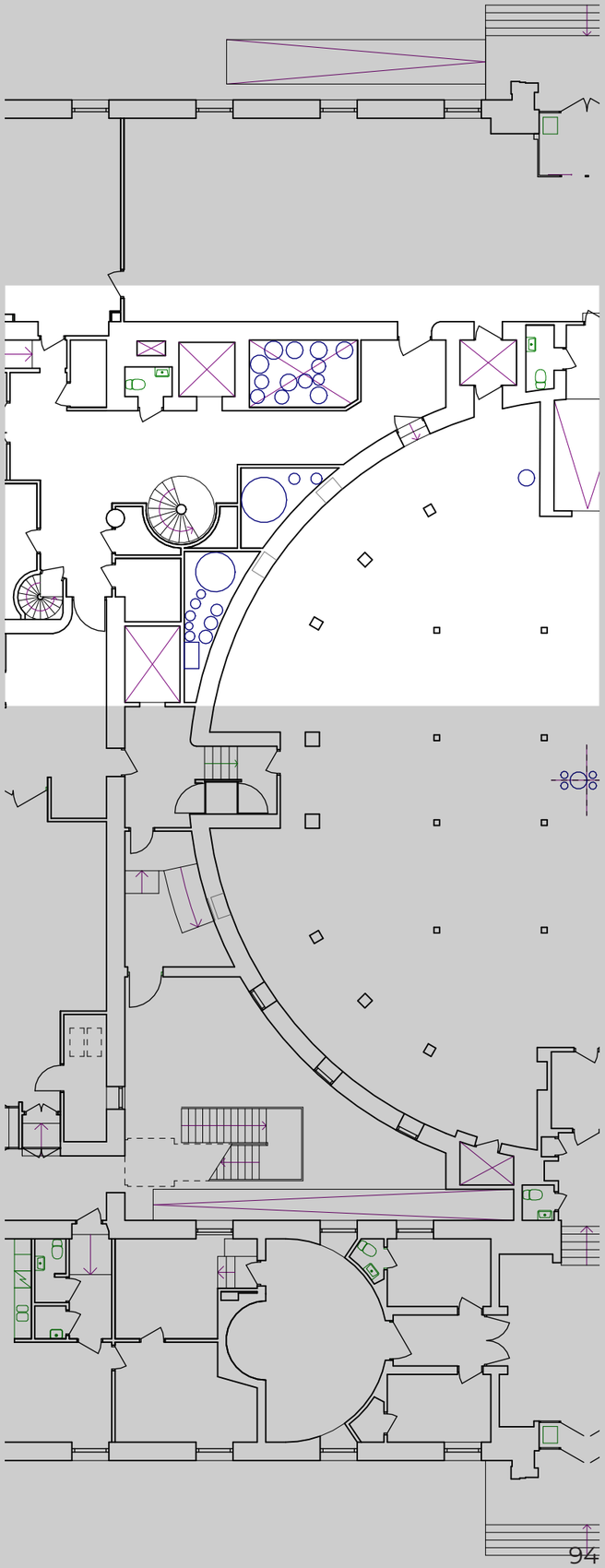




Filling the poché

NW poché: section





Thank you