

Frahm, K. (1986)

Intro Asplund library Stockholm



Intro The current Asplund library



Grandorge, D. (~2006-2010)

History

CAP. LXV.

An Act for enabling Town Councils to establish Public Libraries and Museums.

[14th *August* 1850.]

'WHEREAS it is expedient to promote the Establishment and Extension of Public 'Libraries, and to give greater Facilities than now exist for establishing and extend- 'ing Public Museums of Art and Science, in Municipal Boroughs, for the Instruction and 'Recreation of the People:' Be it enacted by the Queen's most Excellent Majesty, by and with the Advice and Consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the Authority of the same, That an Act passed in a Session of Parliament held in the Eighth and Ninth Years of the Reign of Her present Majesty, intituled *An Act for encouraging the Establishment of Museums in large Towns*, shall from and after the passing of this Act be repealed; and that it shall be lawful for the Mayor, upon the Request of the Town Council of any Municipal Borough (the Population

English original library act.
(1850)

History

The library as a social hub

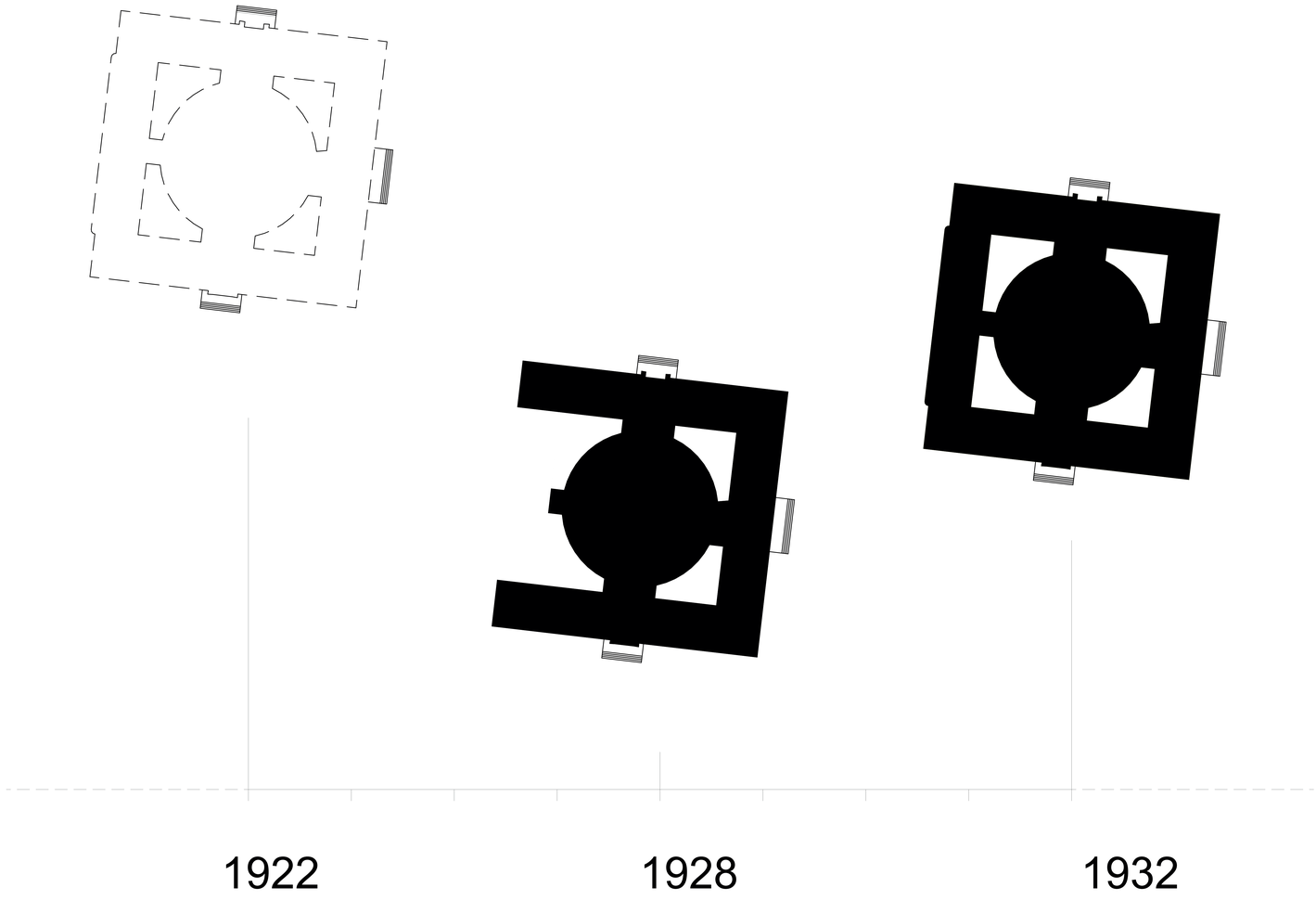


N.D. (~1800-1900)



N.D. (1910)

Original structure 1924-1932



1928-1932

1:1

Site The hill



Sit annex

1:1000

Site The hill and the park



N.d.

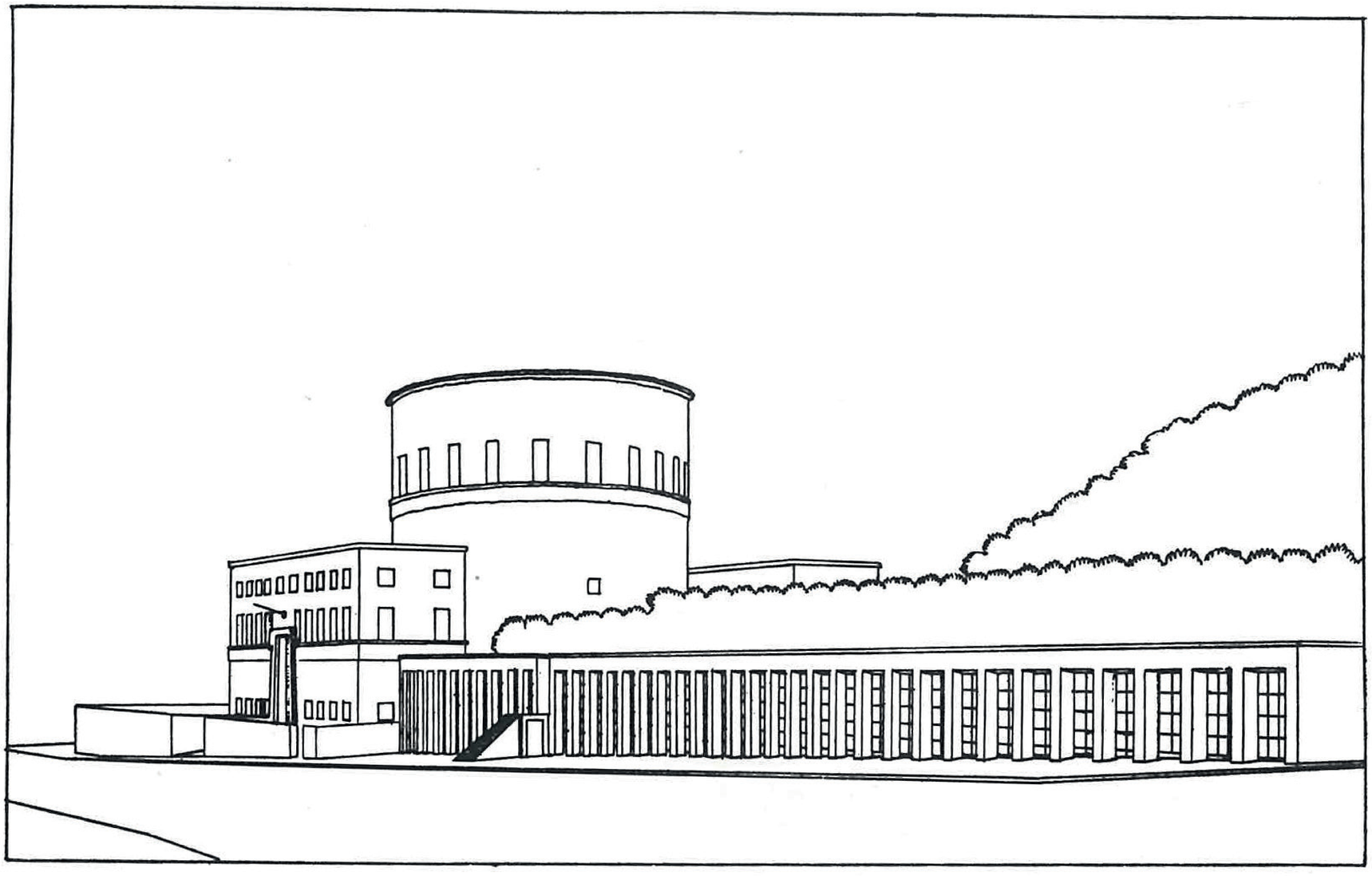
Site Annex/Market hall



Sit park 2

1:1000

Site Proposed market hall



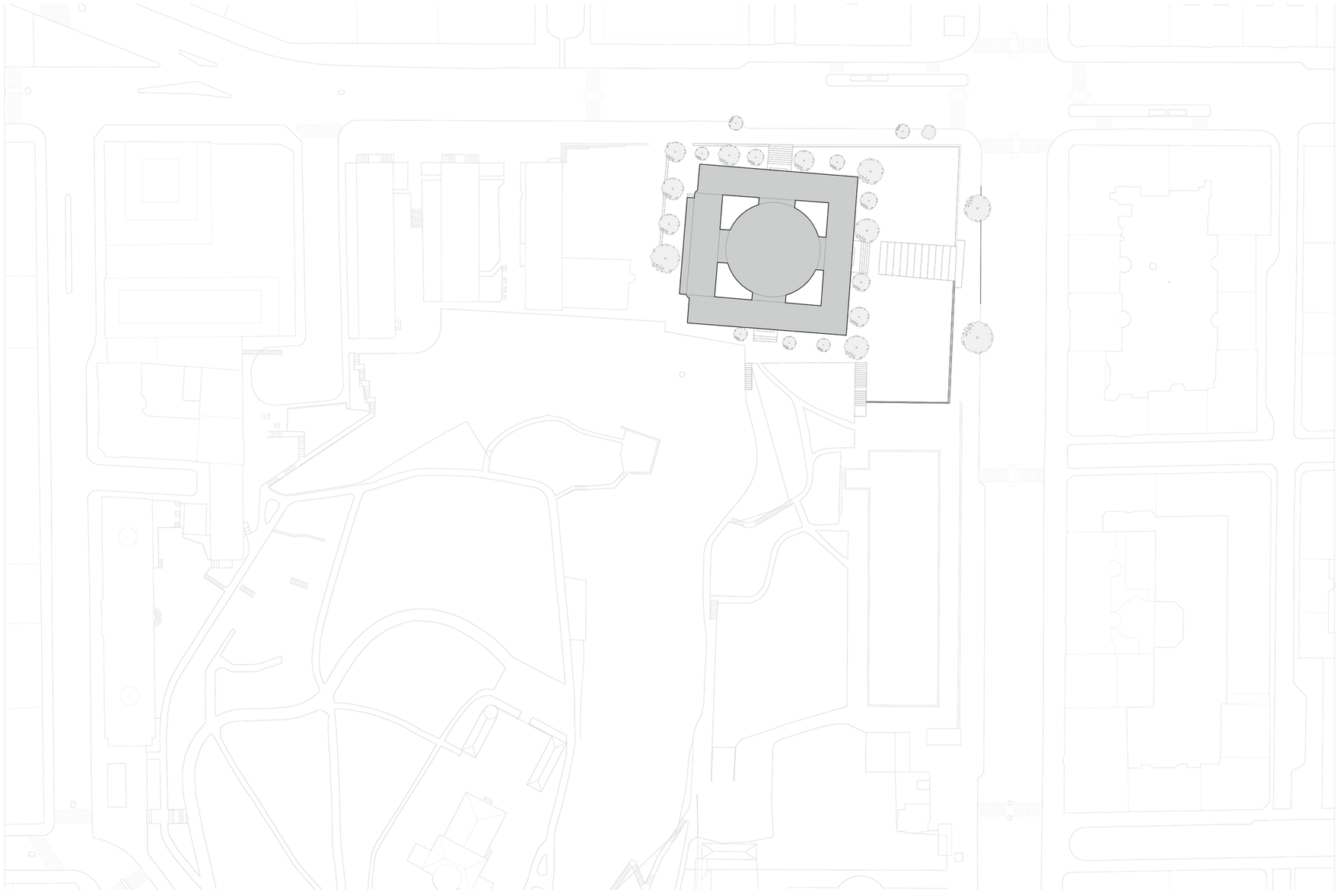
E. Asplund

Site The annexes



Petersens, L . (1948)

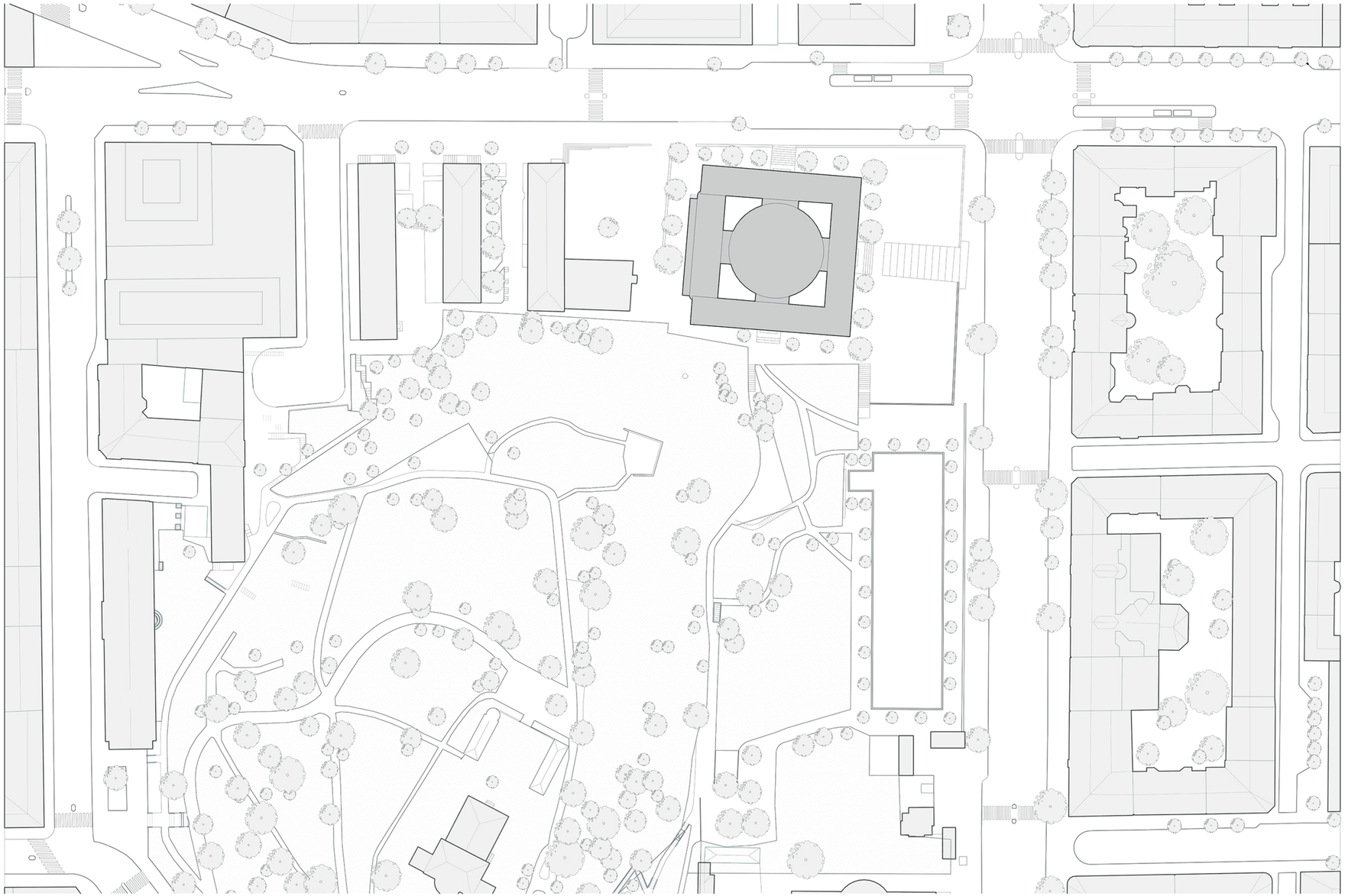
Site The library



Sit library

1:1000

Site The library crowning the park

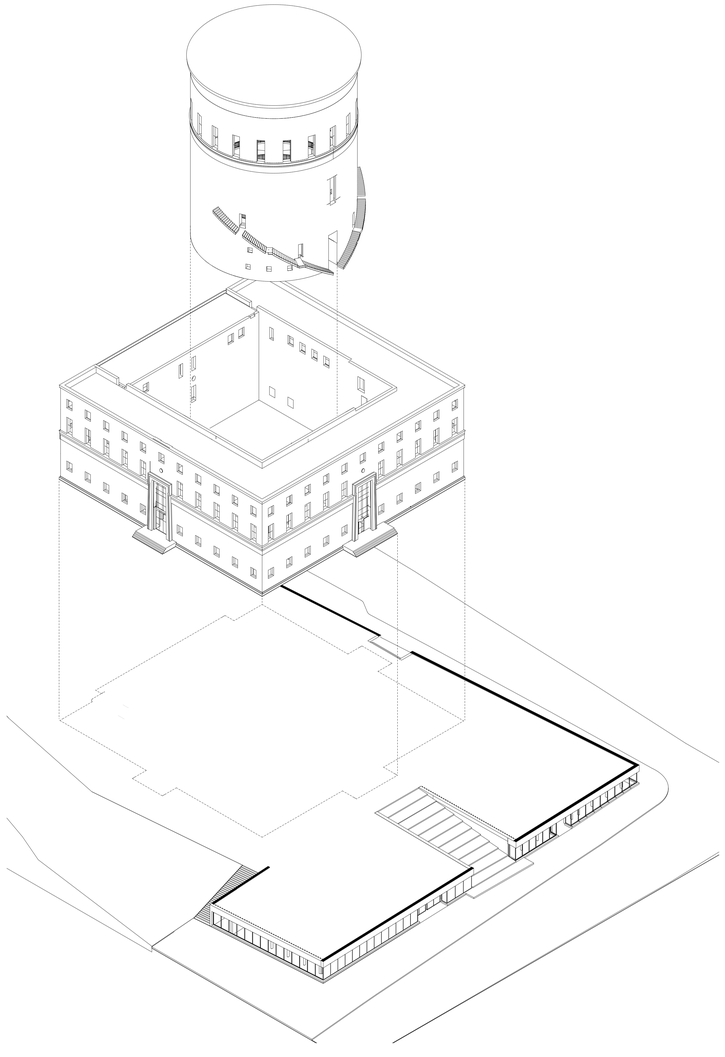


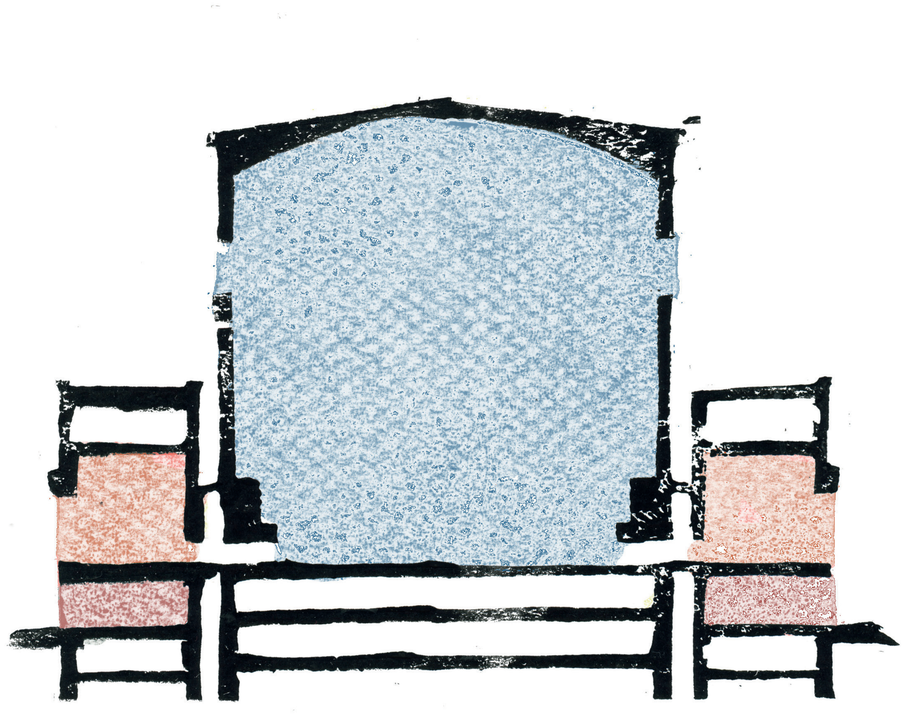
Sit OVERALL

1:1000

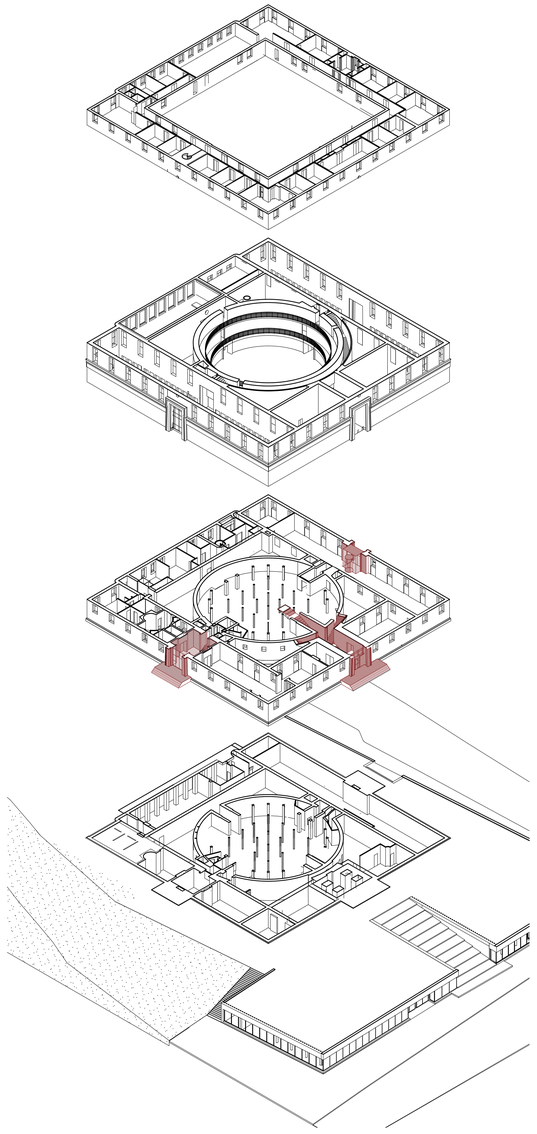
Library structure

Original structure Two geometries





Original structure Three entrances



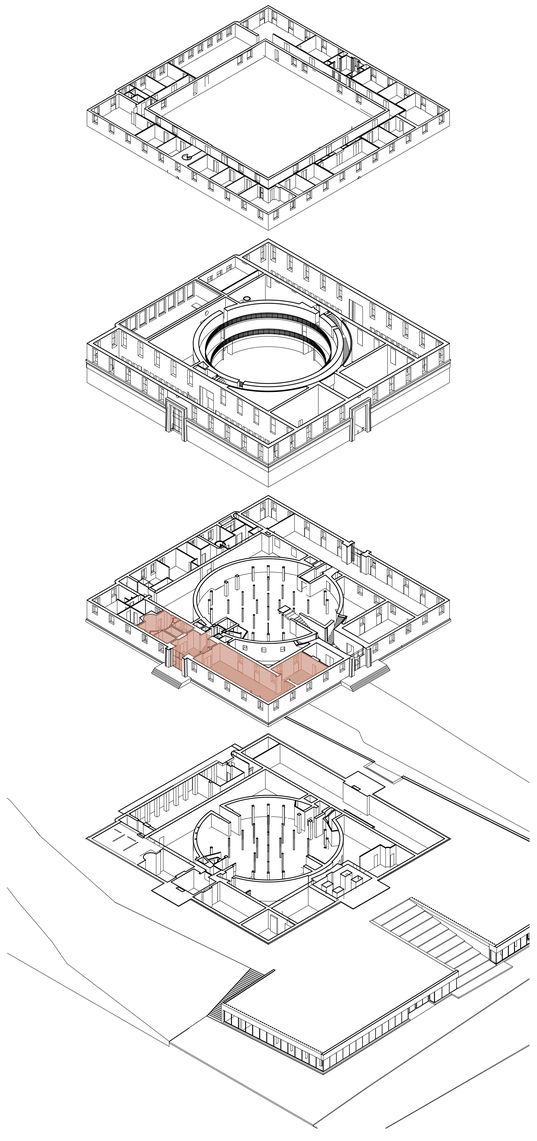


Eliassons, A. (1928)

ORIGINAL ENTRANCE

1:1000

Original structure Children library



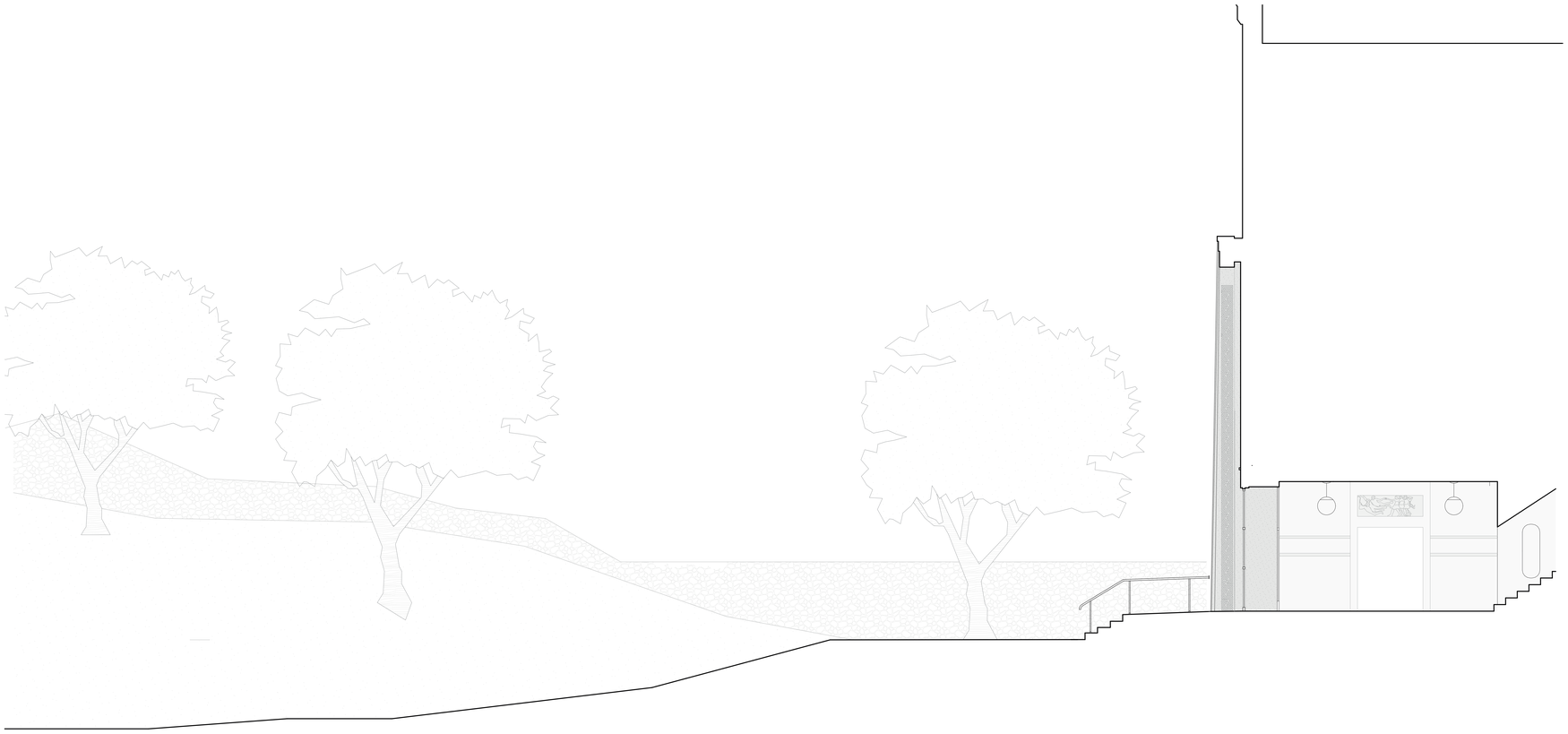


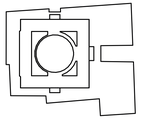
Rosenberg, C.G. (1928)

CHILDREN LIBRARY

1:1000

Original structure From the park to the children's library

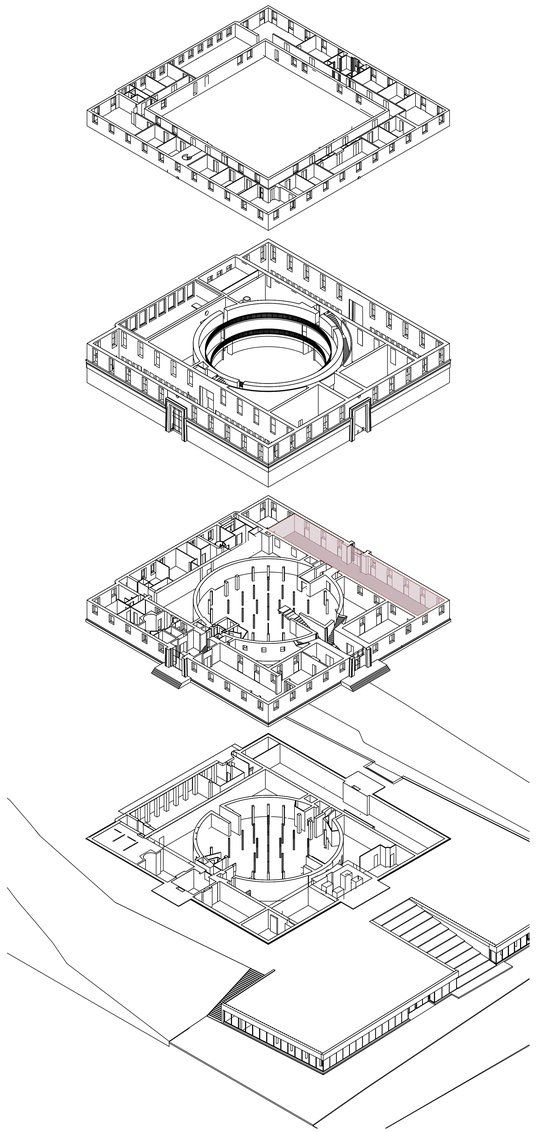




section children library

1:100

Original structure Newspaper room



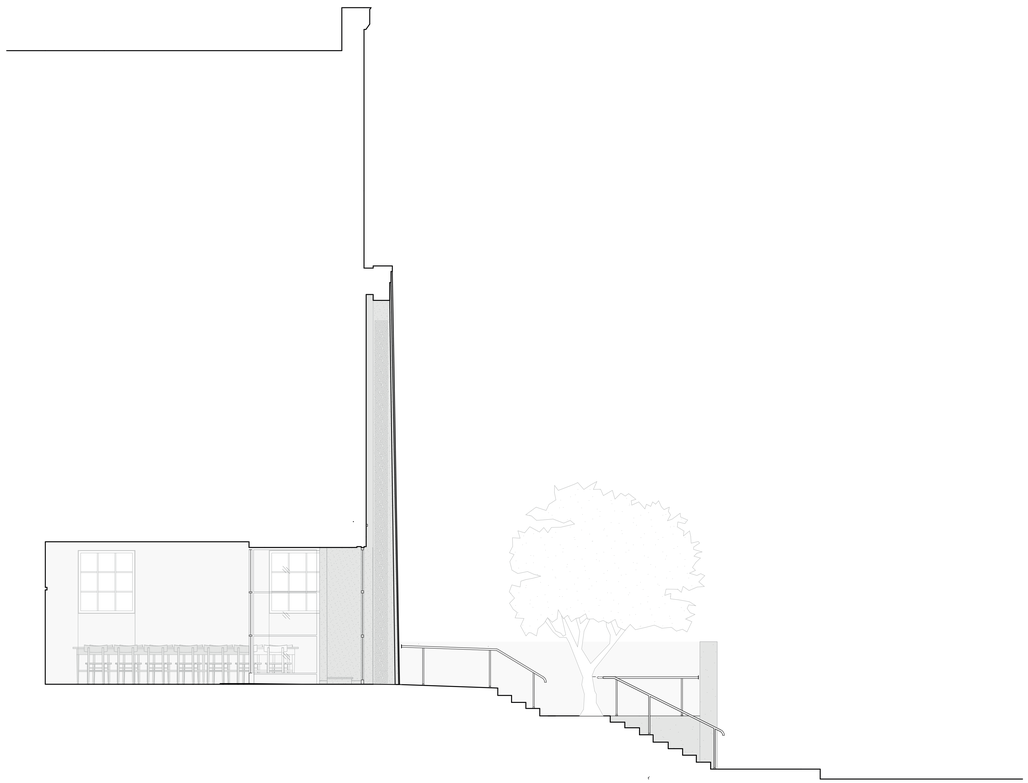


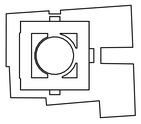
Norberg, B. (1928)

NEWSPAPER

1:1000

Original structure from the street to the Newspaper Room

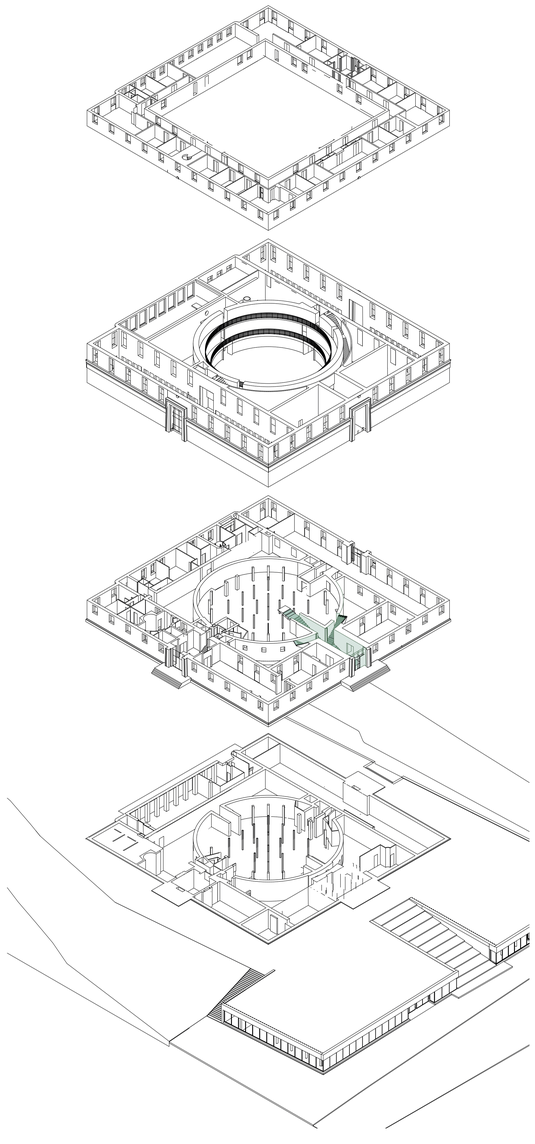




section newspaper
entry

1:100

Original structure The book temple entrance



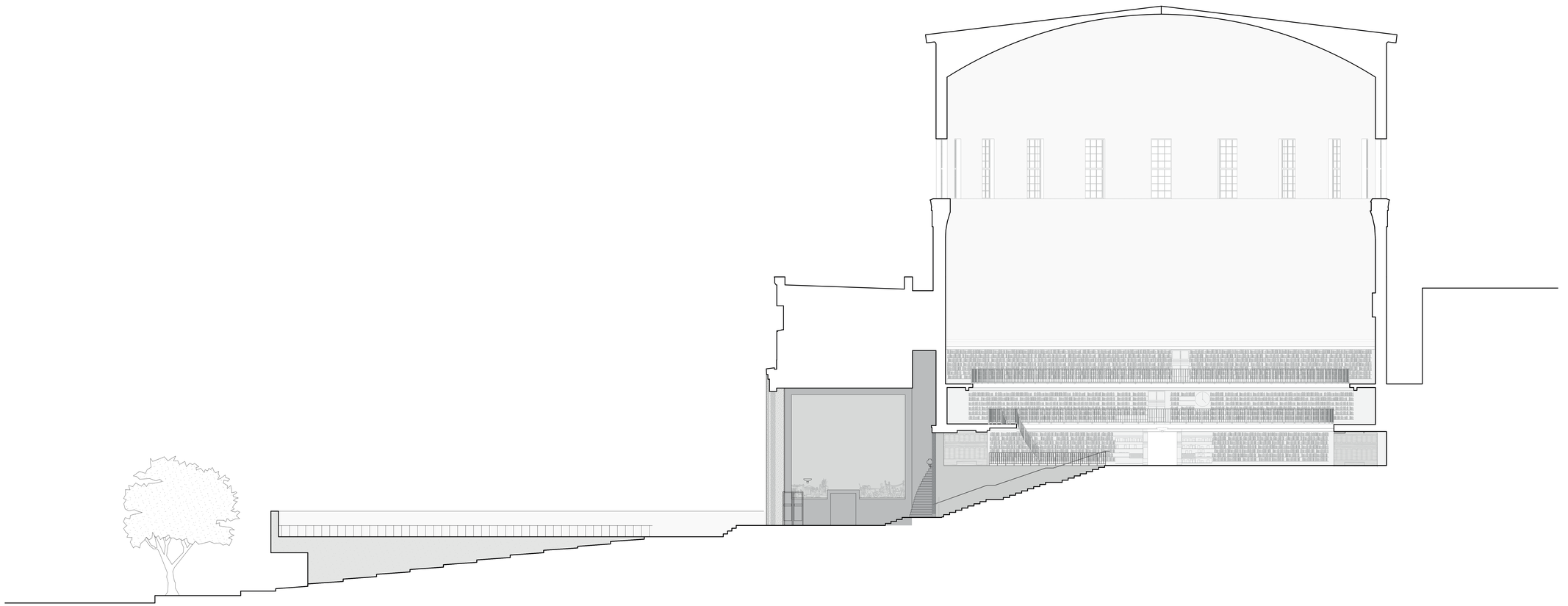


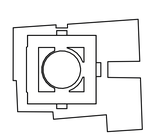
Frahm, K. (1986)

ROTUNDA ENTRANCE

1:1000

Original structure up the stairs to the book counter



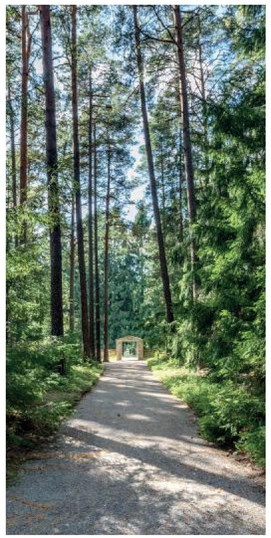


section asplund entry

1:200

Precedents Woodland chapel



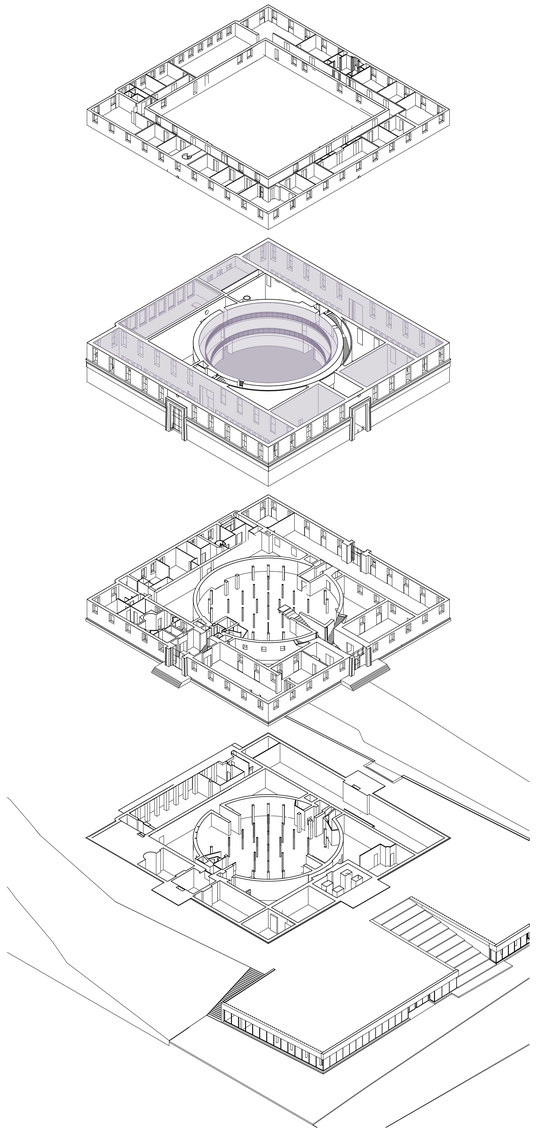






Covre, f. (2010)

Original structure Central rotunda



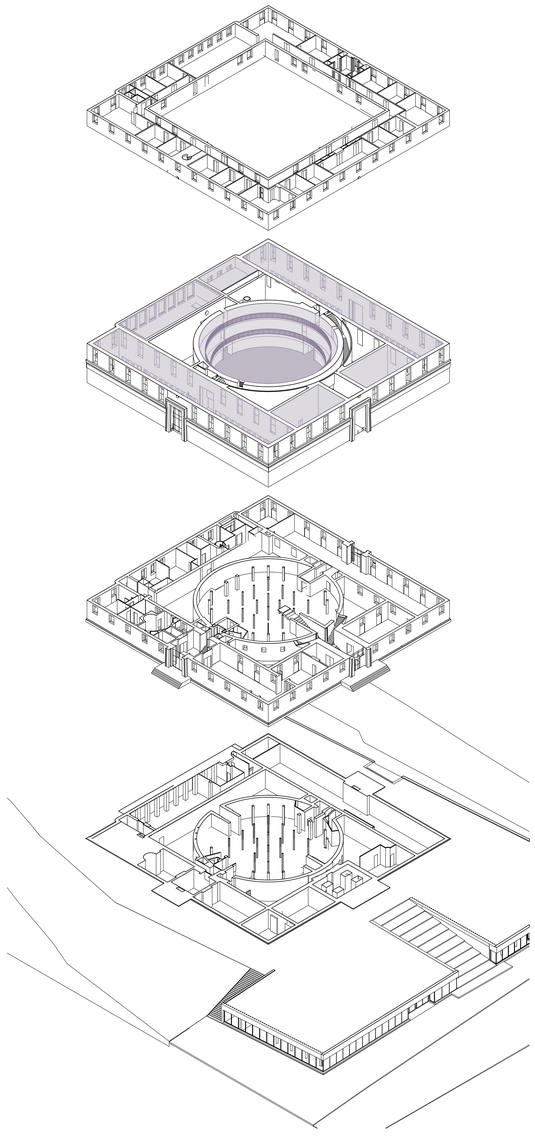


Wahlin, H. (1930)

FIRST FLOOR

1:1000

Original structure Reading rooms around the rotunda



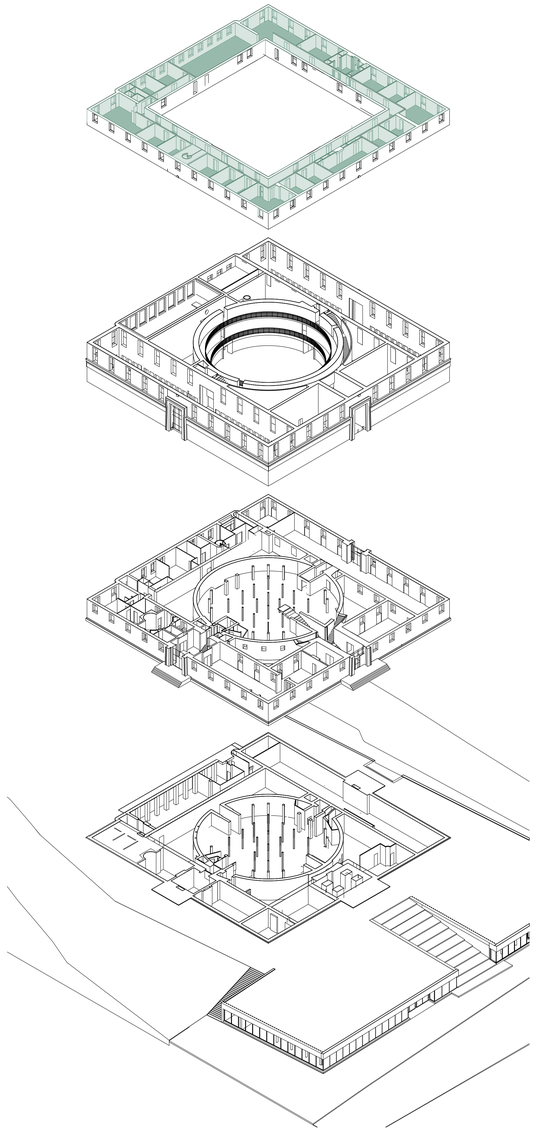


N.D. (1928)

FIRST FLOOR

1:1000

Original structure Reaching the top floor



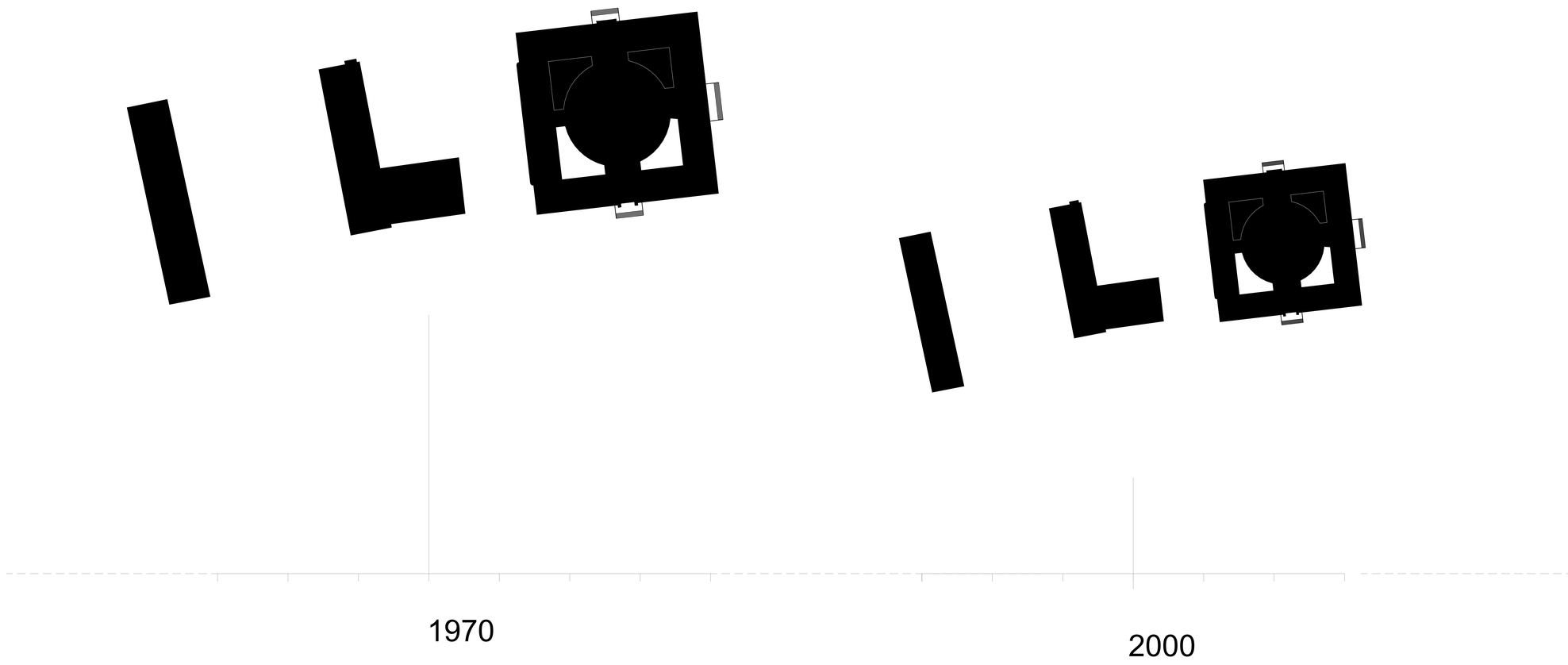


Frahm, K. (1986)

OFFICE

1:1000

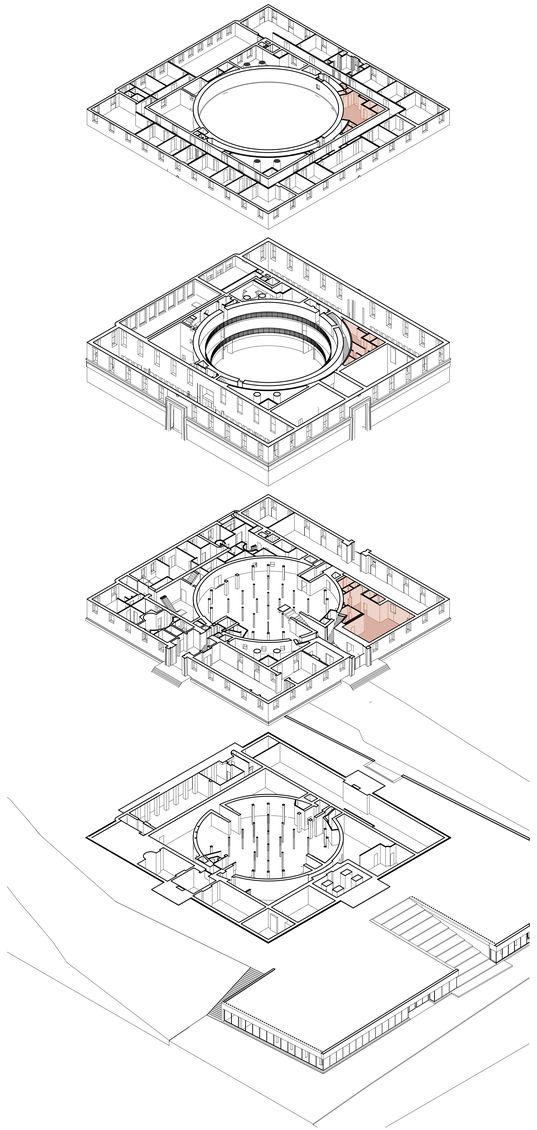
Changes 1970-2000



1970-2000

1:1,25

Changes From three to one entrance



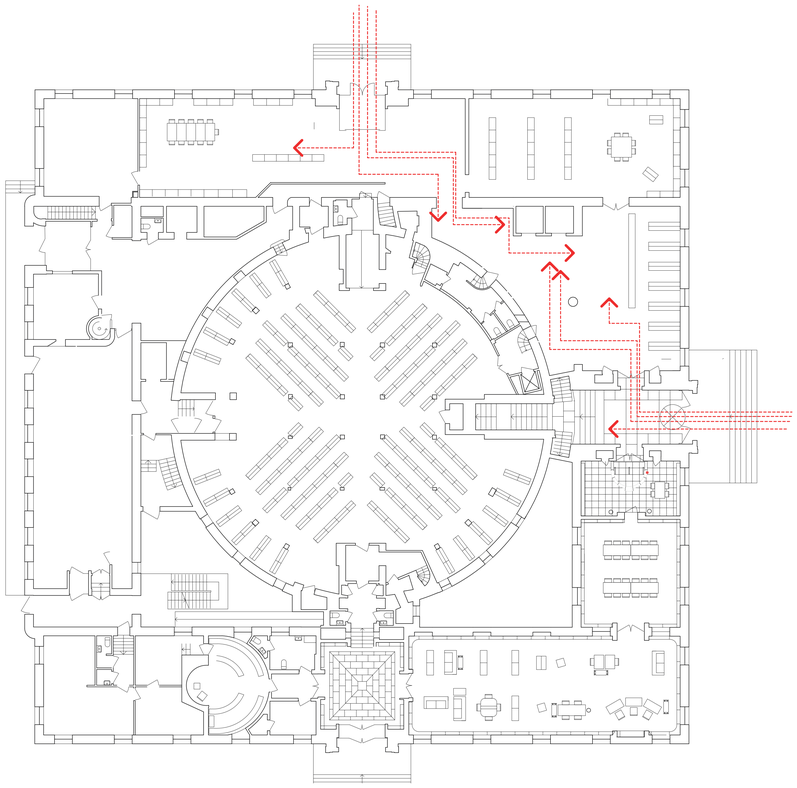


Johansson, I. (2003)

CHANGE LIFTS

1:1000

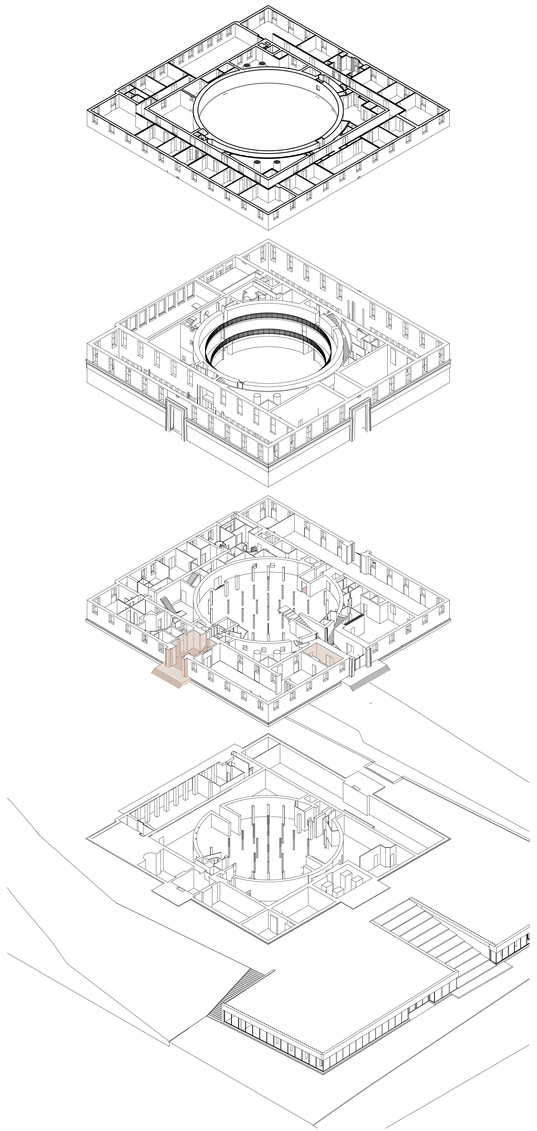
Changes Diluting the importance of the entrances





Johansson, I. (2003)

Changes Closing off the children library



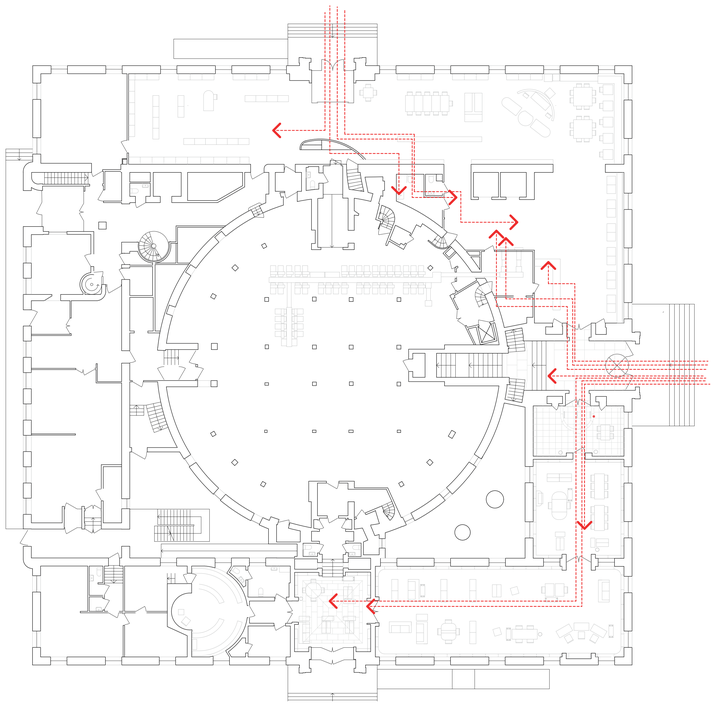


Grandorge, D. (~2006-2010)

CLOSING CHILDRENS ENTRANCE

1:1000

Changes From three to one entrance





Grandorge, D. (~2006-2010)

CLOSING CHILDRENS ENTRANCE

1:1000

ninate this library over a period of just
evident in research libraries, with their

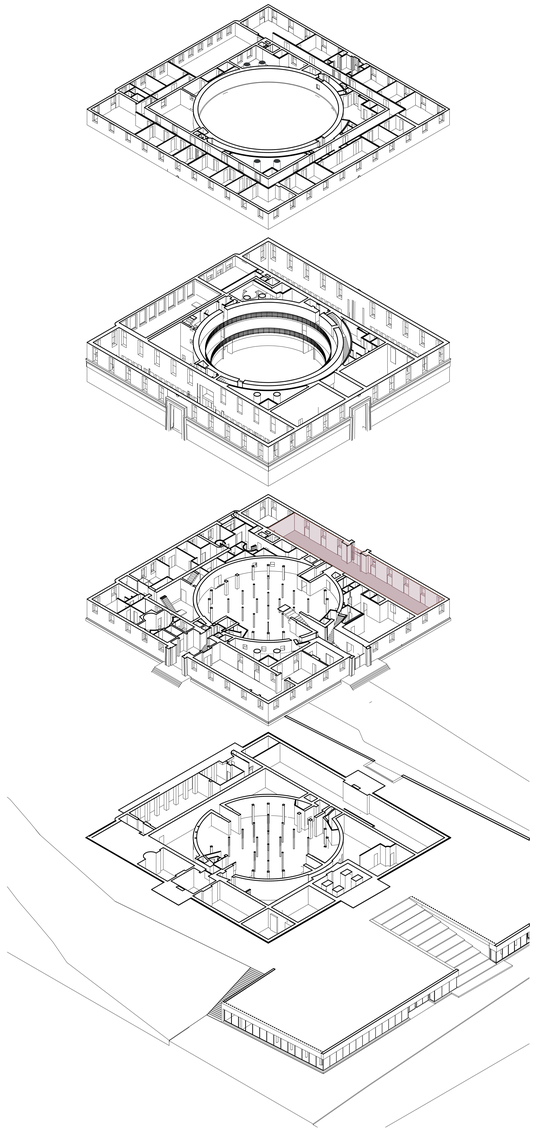
Book space, not reader space, came to dominate this library over a period of just 50 years.

be written in terms of the rate at which

abstract: The transformation of information from a scarce to a superabundant commodity has driven three paradigms in the design of library space. These are the reader-centered, book-centered, and learning-centered paradigms. The first two competed inconclusively with one another throughout most of the twentieth century. Revolutionary changes in information technology have only recently made a third design paradigm possible, one focused on intentional (or autonomous) learning. This paradigm frees us from a schoolwork approach to learning and from mere trafficking of information. The challenge before us is to align library space design with the transformational character of intentional learning.

Bennett, S. (2009). Libraries and Learning: A History of Paradigm change. Portal, 9(2), 181–197

Changes From a reader space to a book space

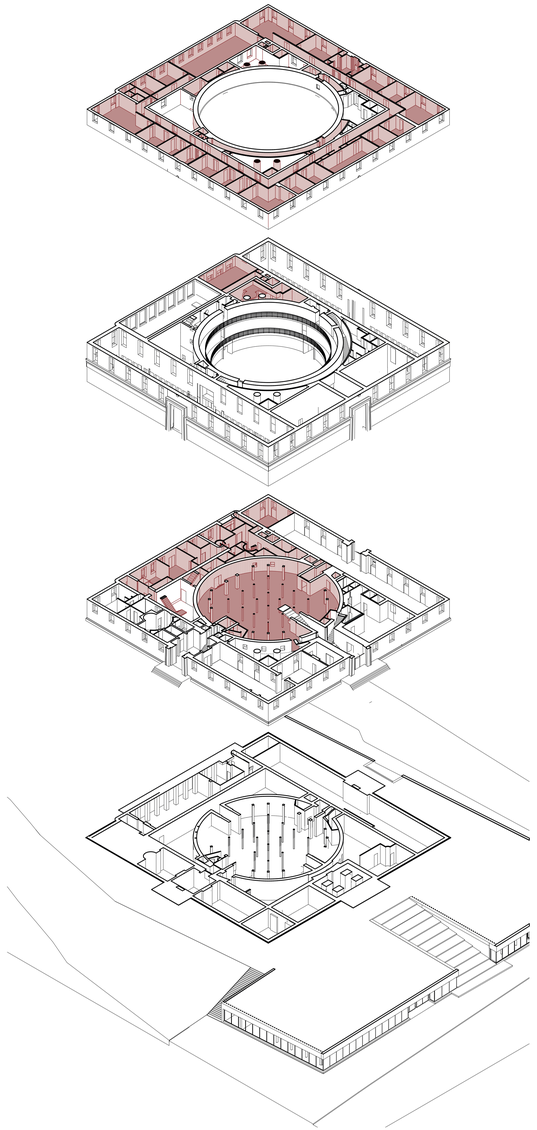




Grandorge, D. (~2006-2010)

1:1000

Changes A library supllying books instead of reader space





Grandorge, D. (~2006-2010)

FOCUS ON
COLLECTIONS

1:1000

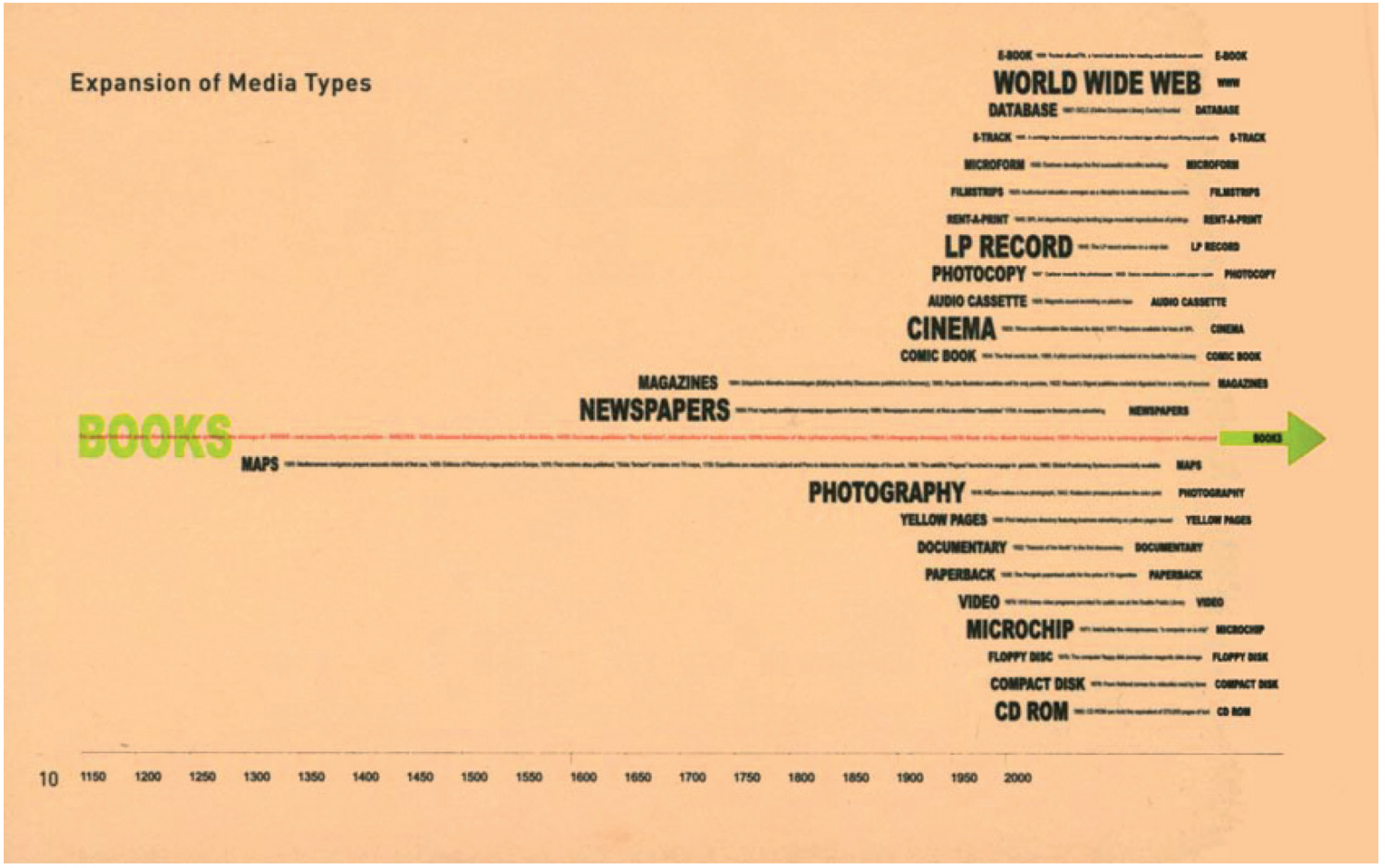
Big Ambitions 2000-2022



2000-2020

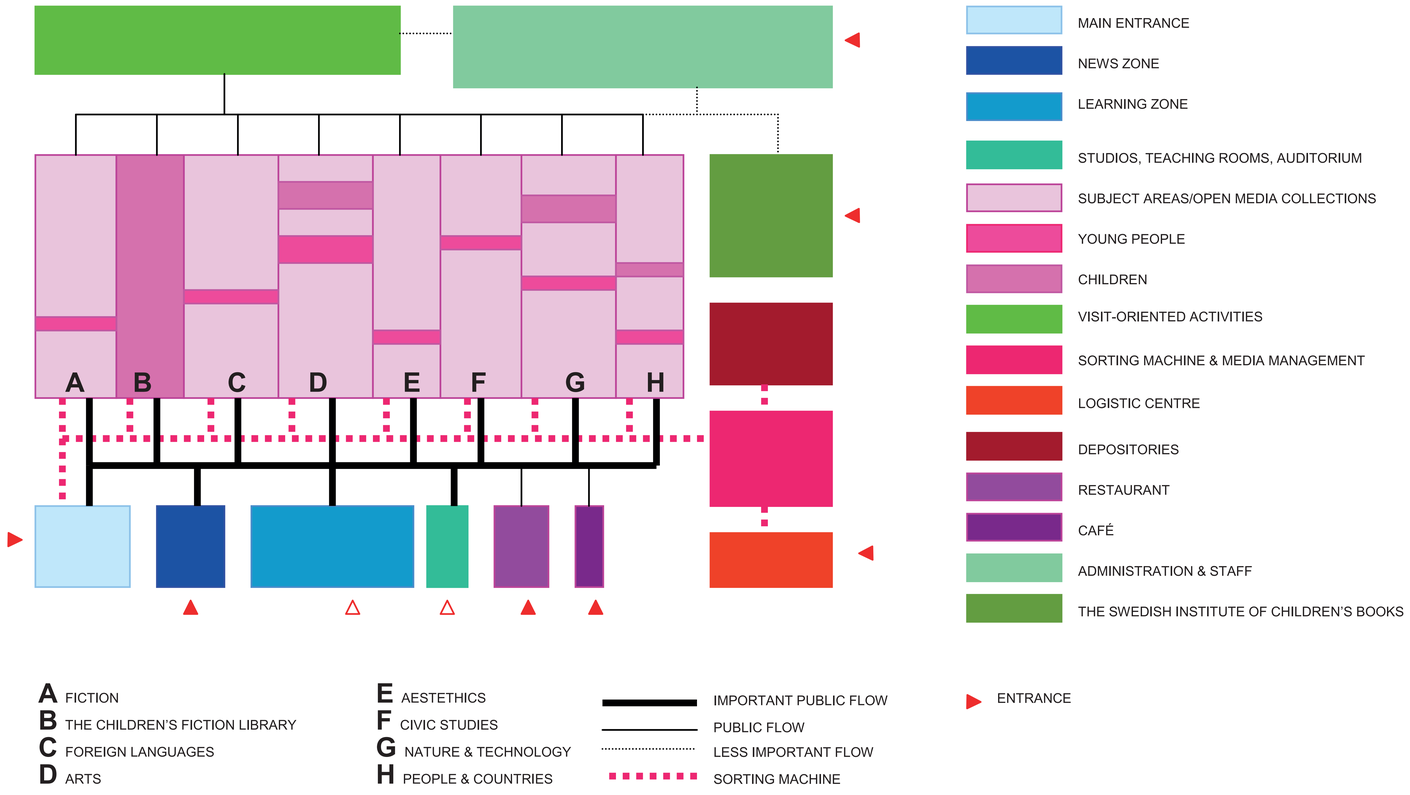
1:1,43

Big Ambitions Continuation of book centered story



OMA. (2004)

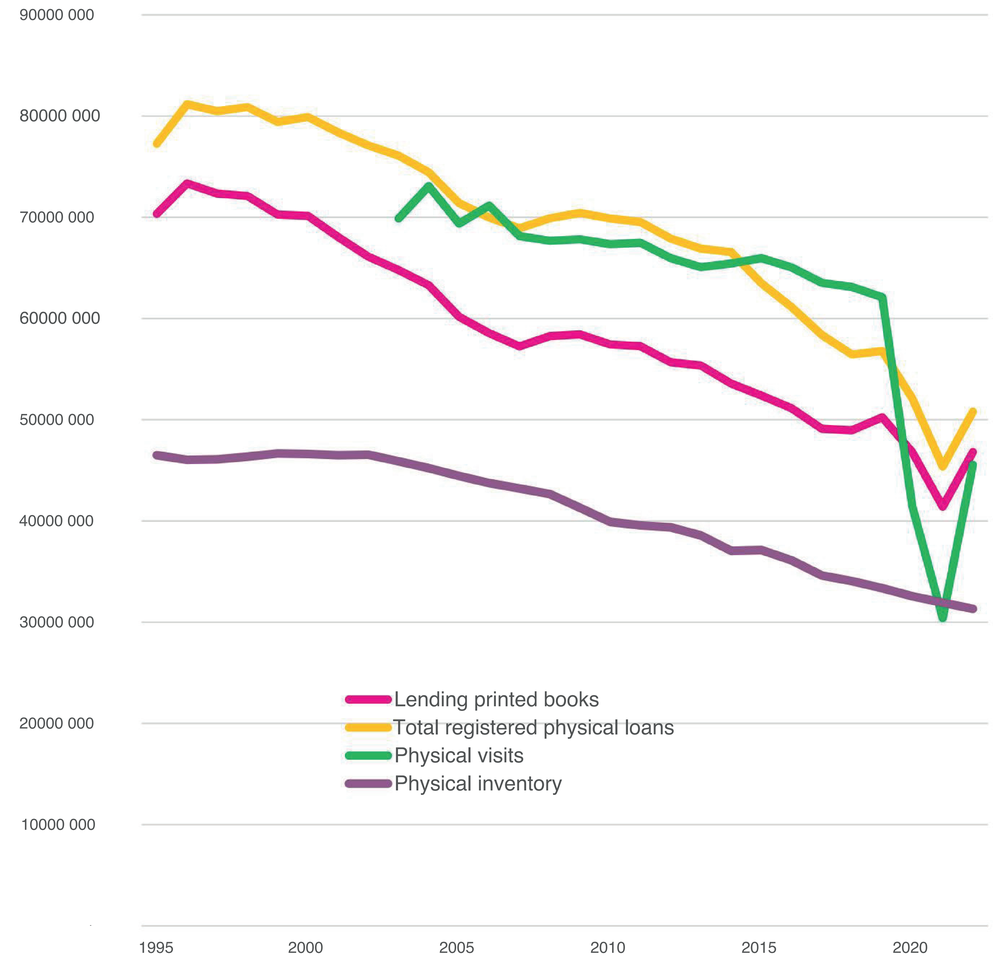
Big Ambitions 2006 brief Diagram centered around collection



Caruso St. John (2006)

Big Ambitions Change in collection size and lending rate Stockholm

Diagram 6: Physical media in public libraries 1995–2022, holdings and lending as well as physical visits to public library premises. Shortened scale.

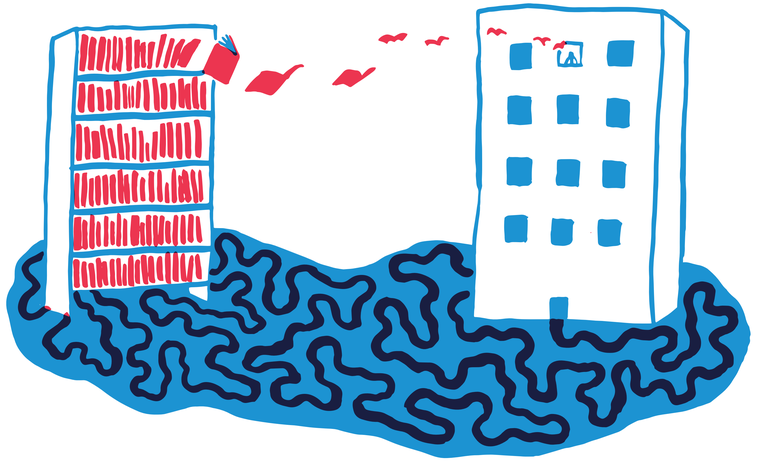


Sveriges officiella statistik, (2022)

Stockholms stad

More relevant than ever before

Library Plan 2022–2025



Bibliotek

Previous research has shown that the public library is used in noticeably different ways by different visitors. In Denmark and Norway, similar studies based on traf fic count —the number oflibrary users to enter a library, and which facilities and services they use —indicate that a majority (55% –60%) of public library users do not borrow or return books, films, or other library materials during a library visit, but use the library for other activities (ABM-utvikling, 2008; Kommunernes Landsforening, 2004). More men and immigrants are among these library users than users who borrow books. The average time of a library visit is approximately 30 min, but a high percentage of these users stay for hours in the library and use it very frequently, four to five days a week. What are they, and other library visitors, actually doing in the library? Acquiring knowledge about that question is important in order to understand more profoundly what type of so-

Svanhild, A. Audunson, R. (2012) Use of library space and the library as place

A new role Embraching a different role

Activities at the libraries are increasing

The number of public activity opportunities at the publicly funded libraries increased 24 percent

Authority, & Swedish Arts Counci. (2010)v

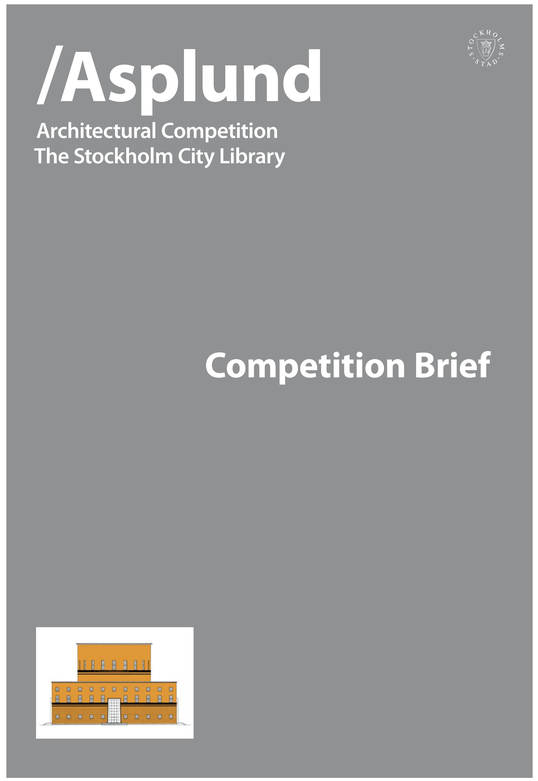
Brief

What are the responsibilities and expectations of a contemporary public library now?

Who is the library for?

What is an appropriate response to the existing building?

Brief Is the proposed strategy and program still relevant?



Brief does the program pose a burden?

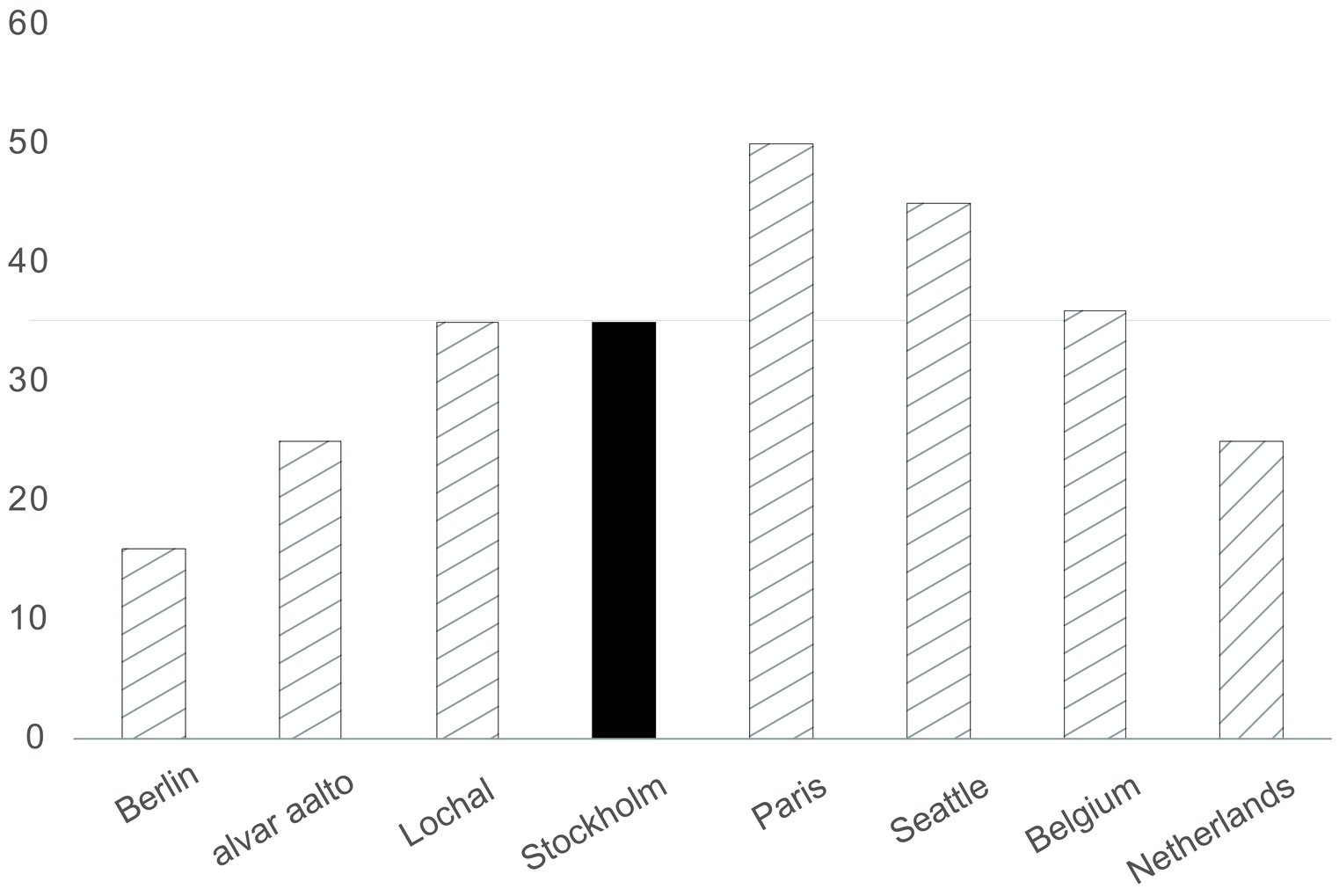


This special position is to be maintained and developed both by giving visitors to the City Library access to a large and varied range, but also by making the City Library a resource for the entire city. In its role as an information and lending centre, the City Library is also an asset for the rest of the county and the country.

Brief different branch libraries Stockholm



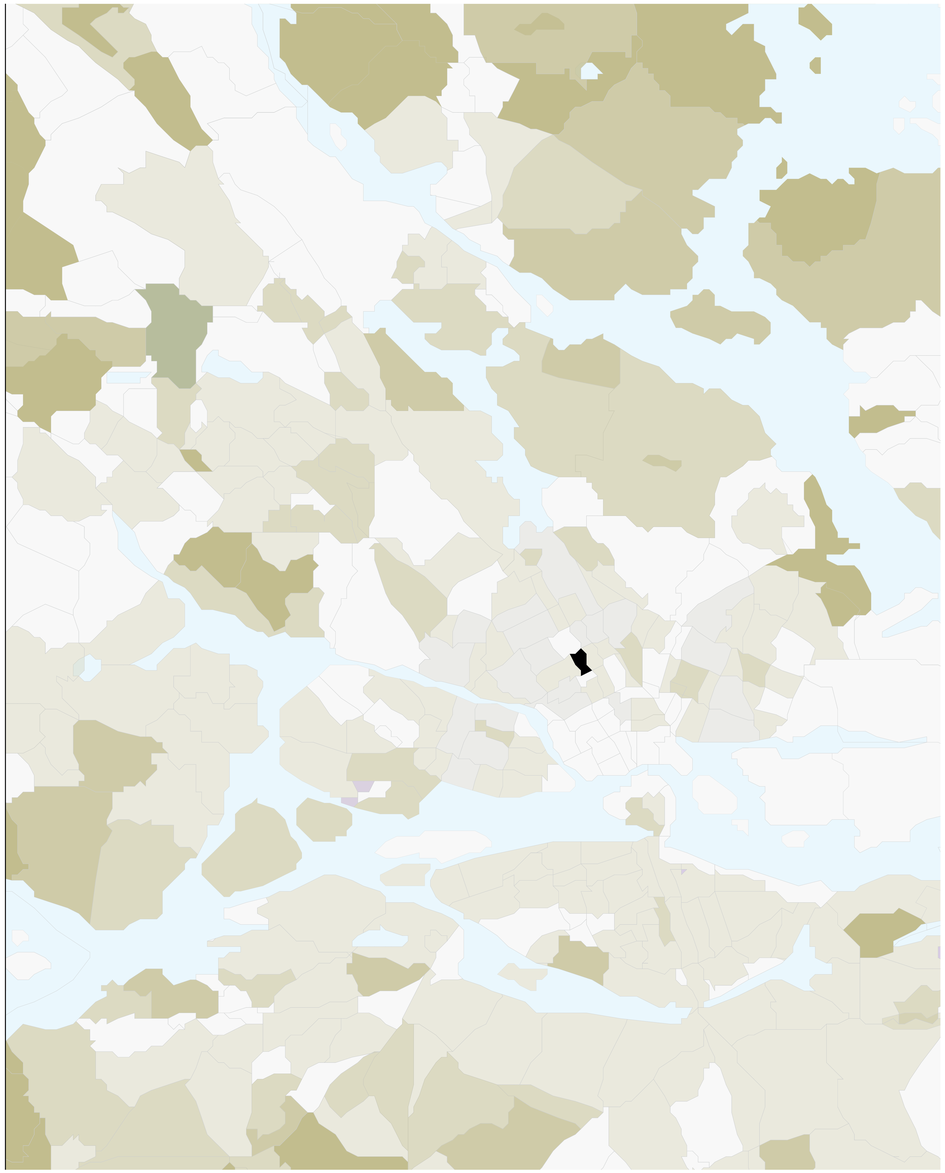
Brief Average Library sqm per city



1.1 Mission statement for the City Library

"Stockholm city library should not only have an international library, it should be one".

Brief Population distribution by background



“The higher goal of our library is to give the people some self-sufficiency by providing information and a a platform. Books are only one of the tools we have to transfer this information.”

Amber Bregman, librarian Rotterdam library

8. Conclusion

The dominating picture that this study has documented as to how the public library is used is complex. A high proportion of the observed uses constitute the library as a place related to work and education, that is, a second place. The library is an extension of the school or work place. Many of those in dif ficult and transitory life situations use the library as an alternative to a second place —a place that structures everyday life in the same way the work place does to the employed.

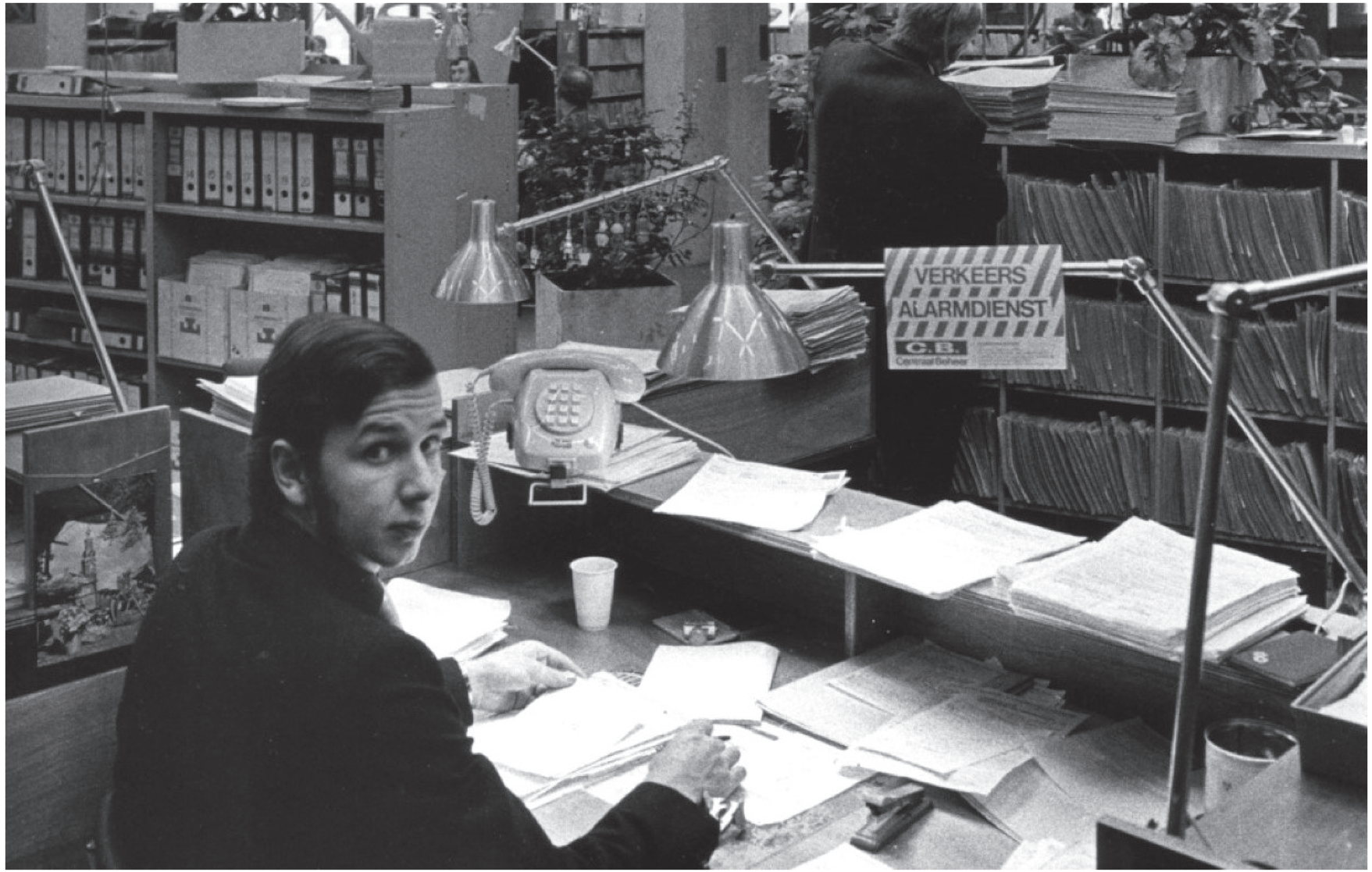
But some of the education-related uses can best be categorized as related to the first place, for example, when big brothers or sisters help their younger siblings with homework, or when a father comes to the library to find information to help his children with math. Then, the library is an extension of the home, or a first place; these people use the library as a part of their role of being a good parent, or a good sister or brother. With regard to families coming to do things together and have a good time in the library, a very frequently-observed activity, the library is an extension of the first place. The parochial character referred to gives the library some of the qualities of a third place. Characteristics of a third place, however, a neutral place where regulars meet and speak, are probably stronger

Brief The home



A place where families can come to do homework together or do family activities

Brief School/office



A place that can provide a structure the same way as the office or school may do

Brief The public square



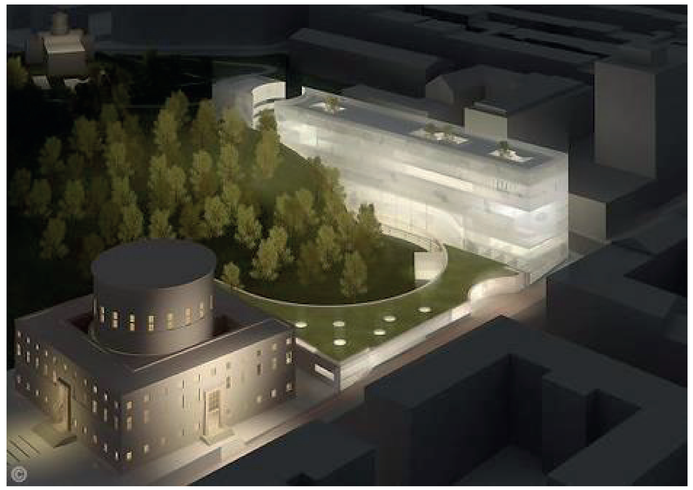
a place that allows people to get in touch or interact with different programs

Brief The public square



a place that allows to let people get in touch or interact with different programs

Brief What is the strategy of past competitions

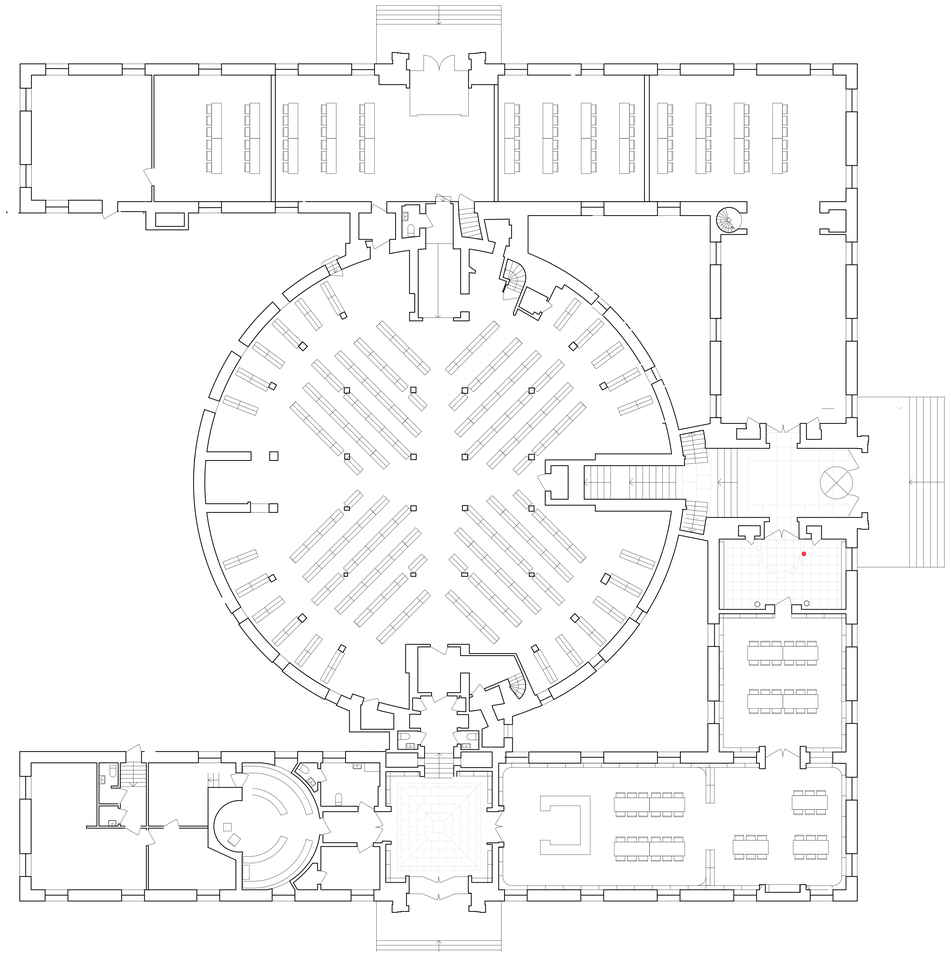


400% size increase



160% size increase

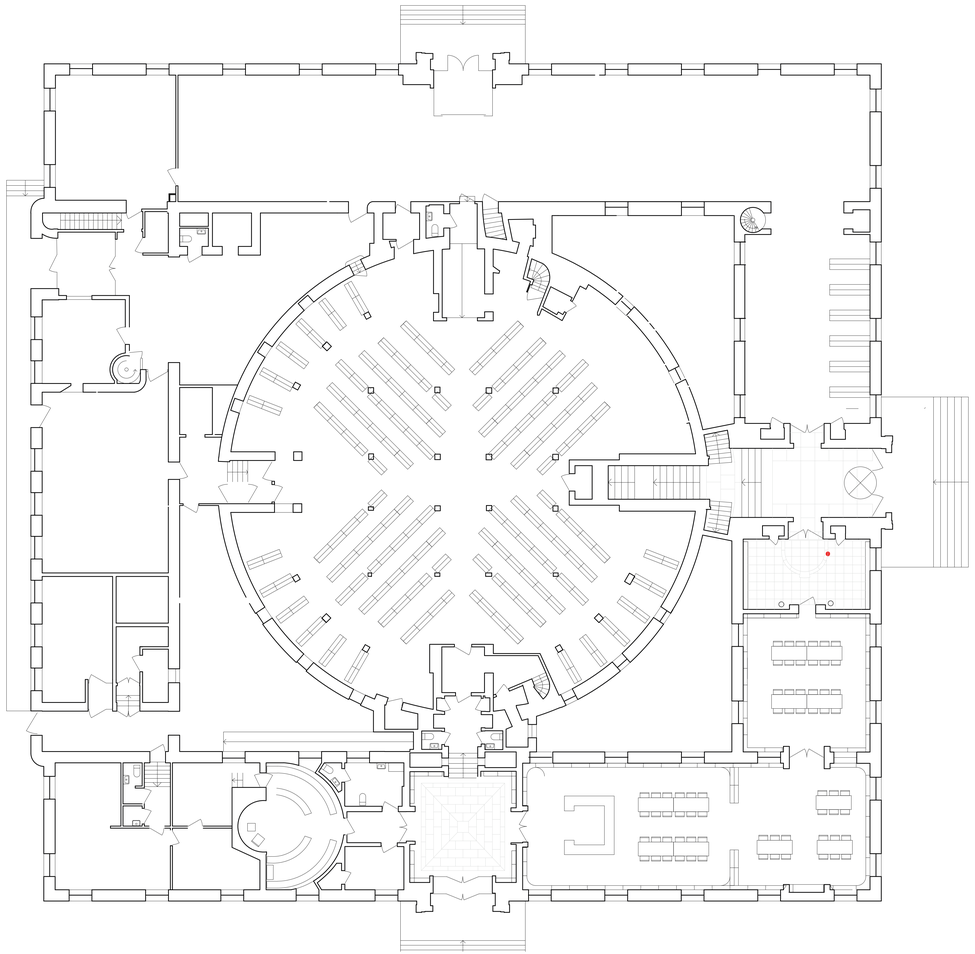
Brief Does adding add quality to the library?



1

1:250

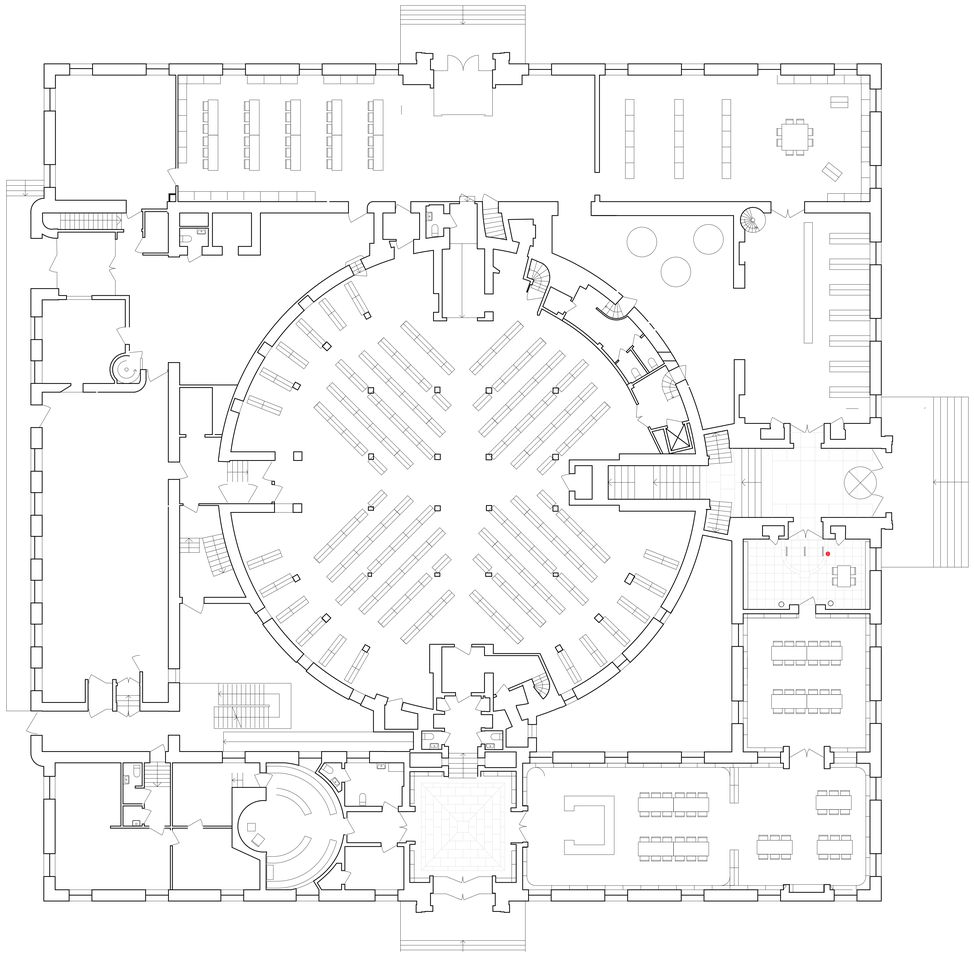
Brief Does adding add quality to the library?



2

1:250

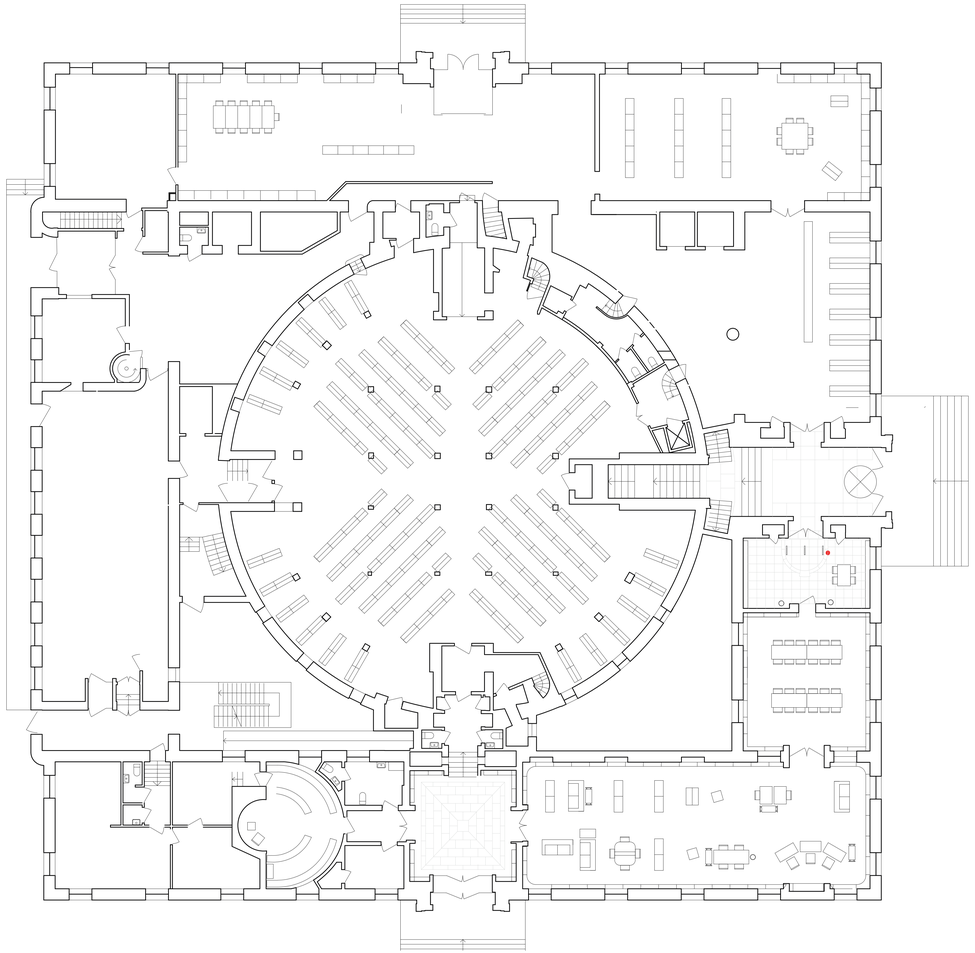
Brief Does adding add quality to the library?



4

1:250

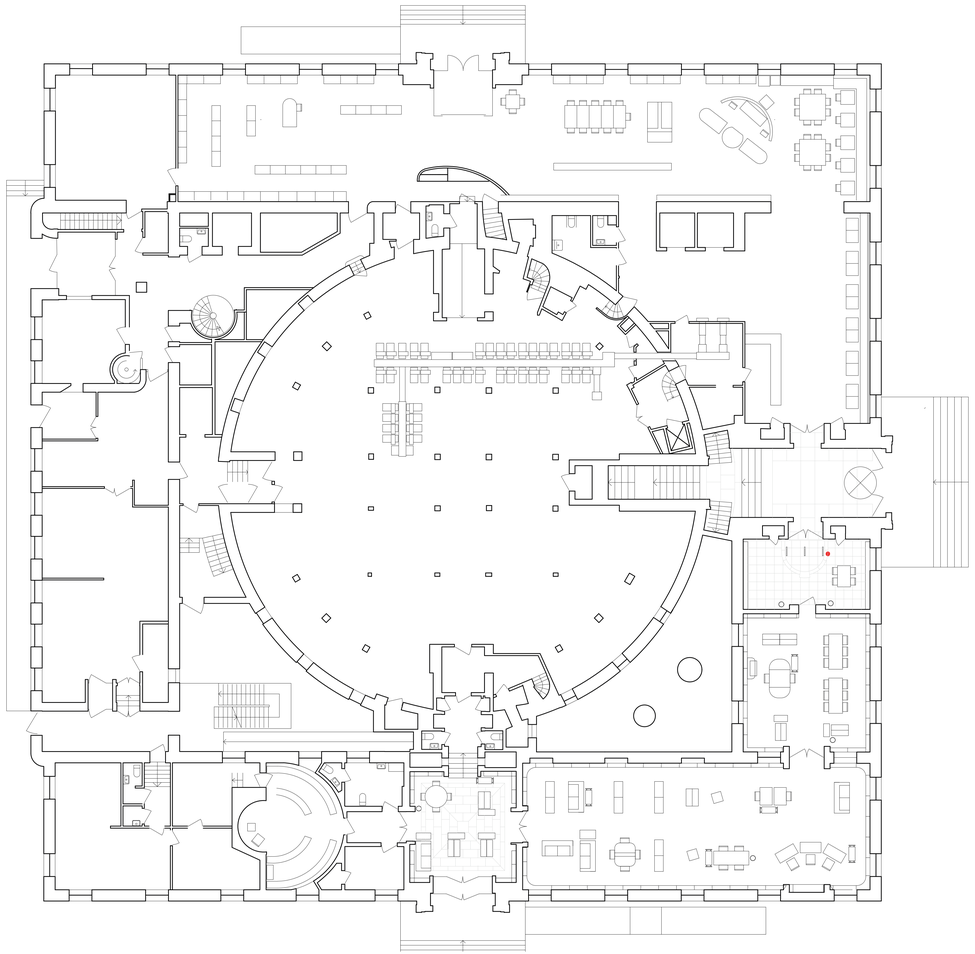
Brief Does adding add quality to the library?



5

1:250

Brief Does adding add quality to the library?



6

1:250

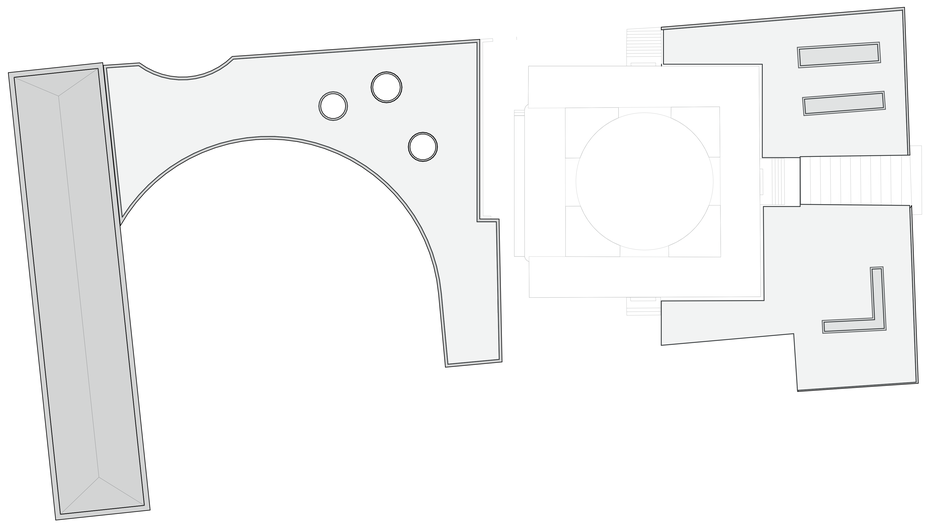
Brief is the solution ever more?



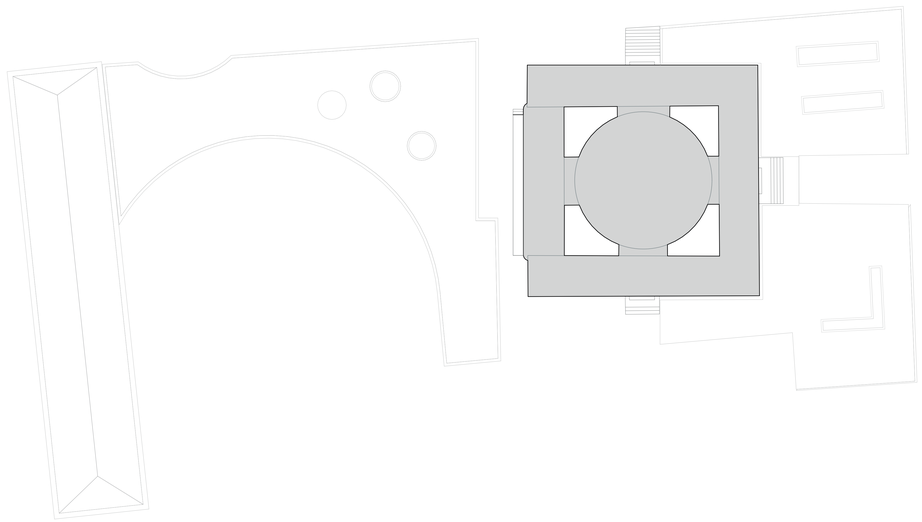
“In an existing building the development of the brief goes hand-in-hand with the spatial opportunities and connections that are possible. And in the case of a listed building this process is even more intimate, where the aspirations for improvement and change must be reconciled with the quality of the existing architecture. “

Caruso st. John Architects In response to the library

Brief current approach



*What can be **added** to the library?*



*what **is** the contemporary library ?*

Brief “The home”





Brief “office/school”





Brief “The public square?”



Brief “The public square?”



Brief A new mission statement

With all the workings and qualities in this library that could still be relevant today, it deserves to be more than just an archaeological object.
If adapted, those workings and qualities could possibly answer all the library needs Stockholm asks for.

Strategy

Strategy Phases of building forth

1. Clear the mess



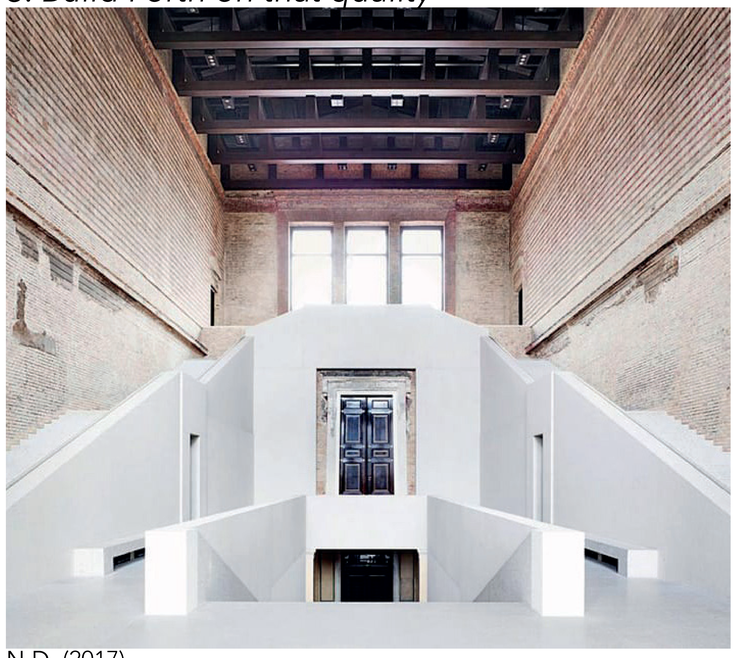
N.D. (>1944)

2. Re-establish Quality



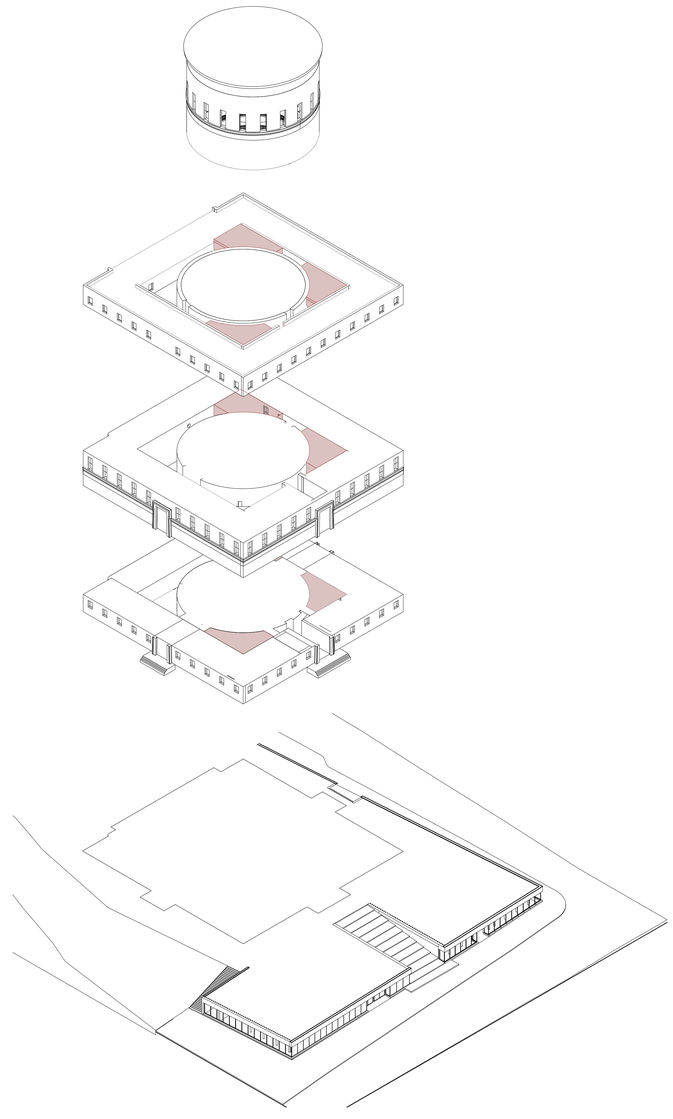
N.D. (1890)

3. Build Forth on that quality



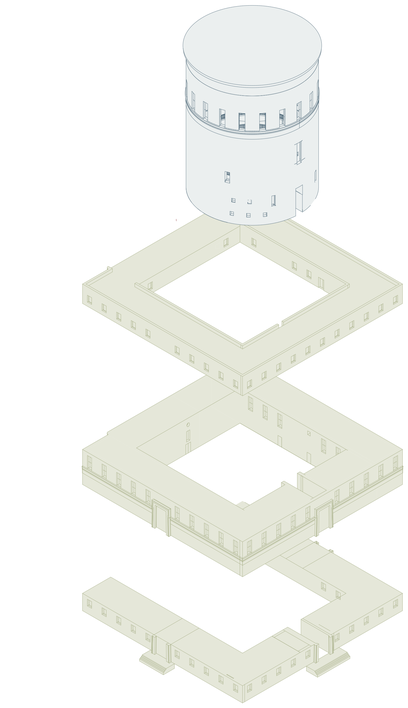
N.D. (2017)

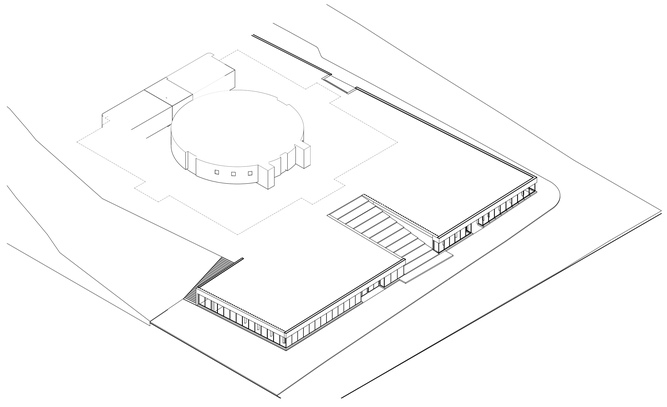
Strategy Clearing the lightwells



CLEARING 1

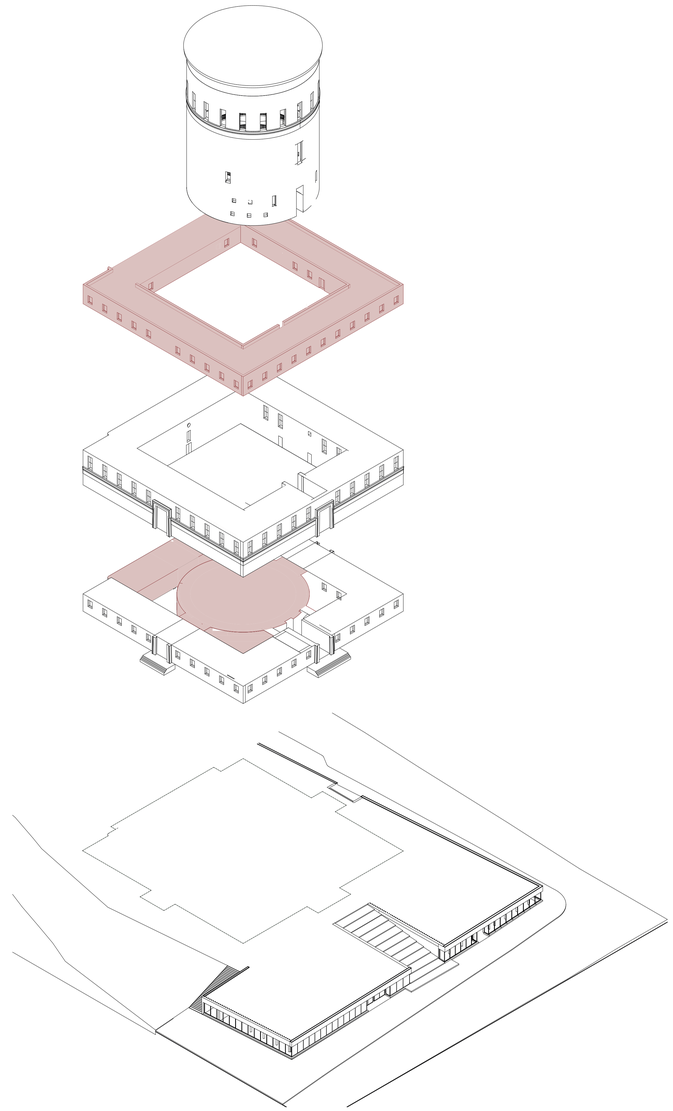
Strategy Regaining two geometries



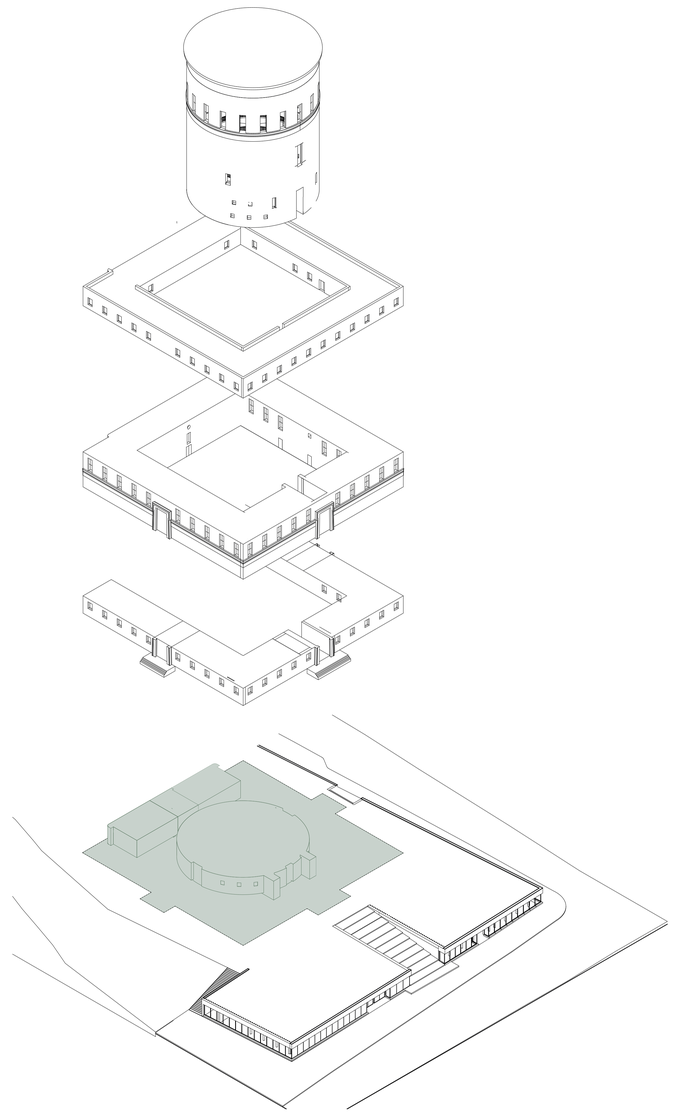


REESTABLISH

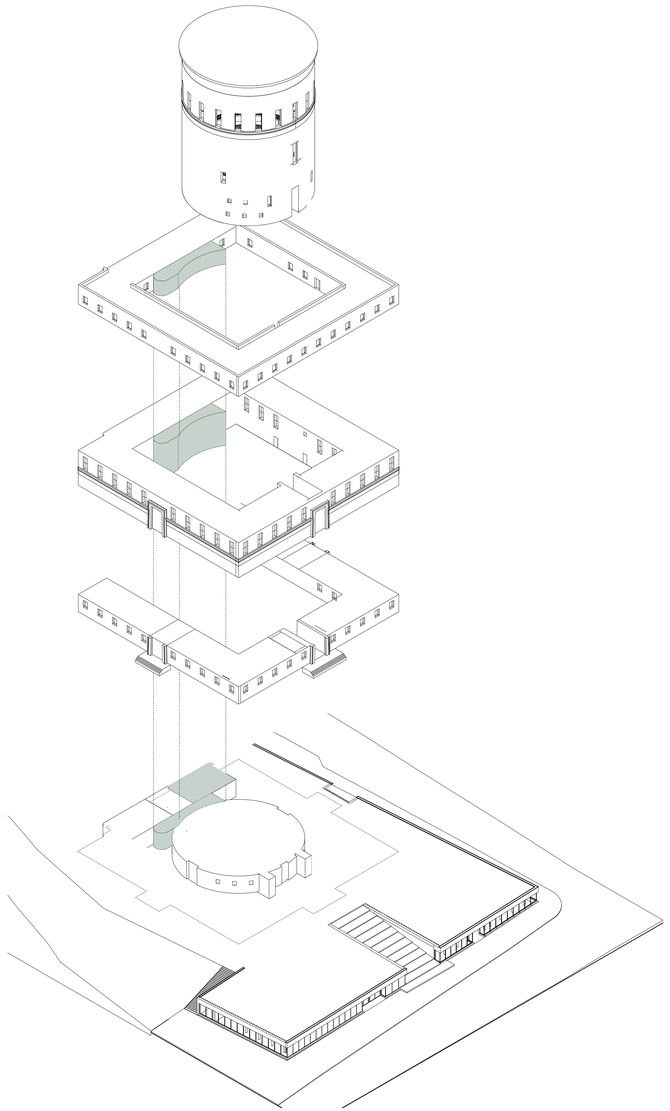
Strategy Question if some program can be removed



Strategy Create the public square

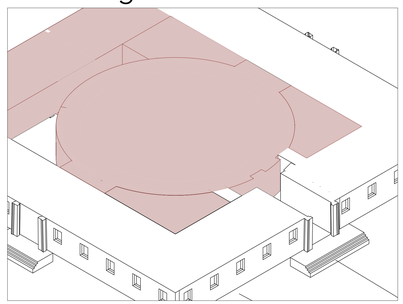


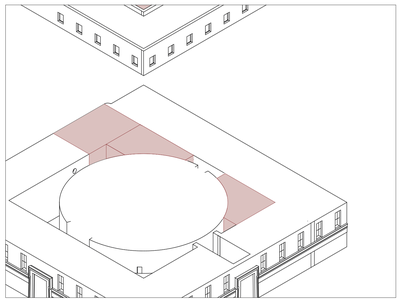
Strategy Connect all the parts of the library



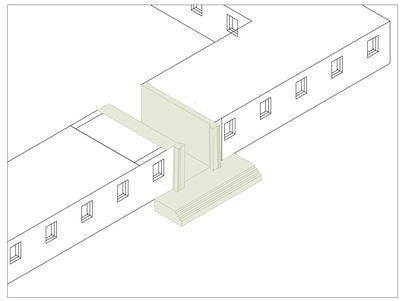
Strategy A set of interventions

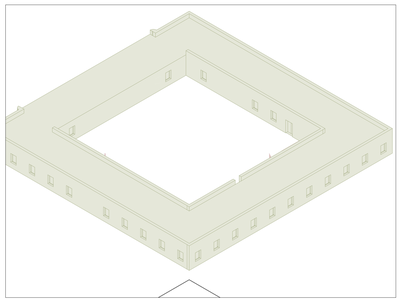
1. clearing

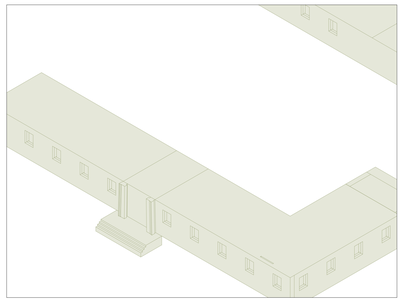


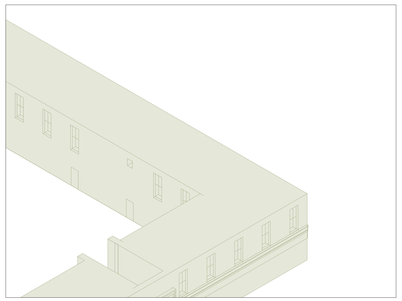


2. re-establish

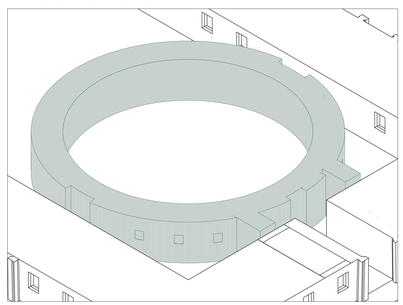


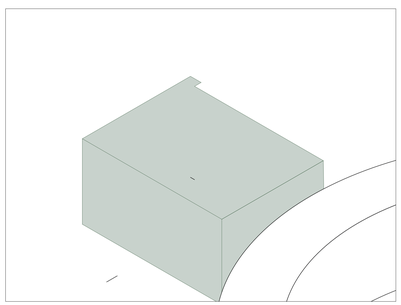


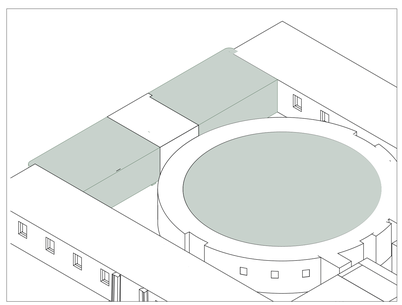


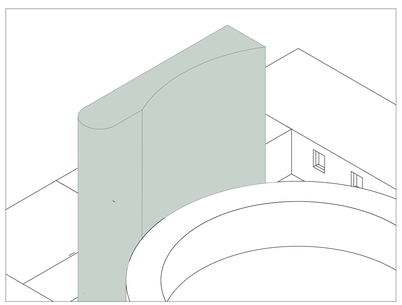


3. Build forth





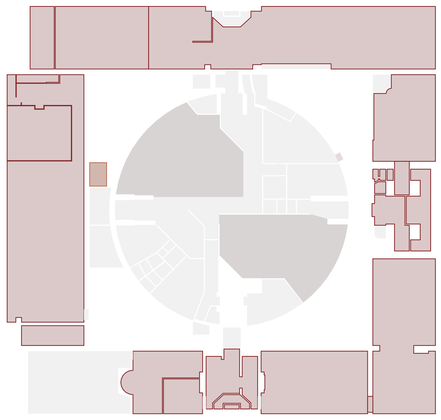




Clearing

Clearing Basement

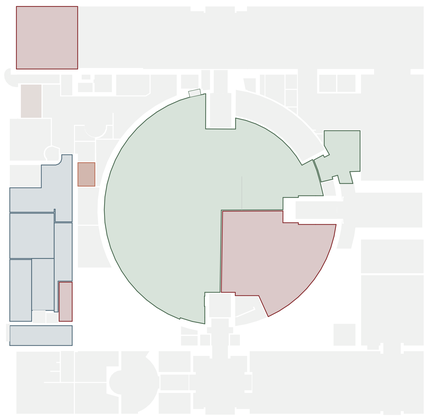
0. Basement



archive

plant room

1. Entry level

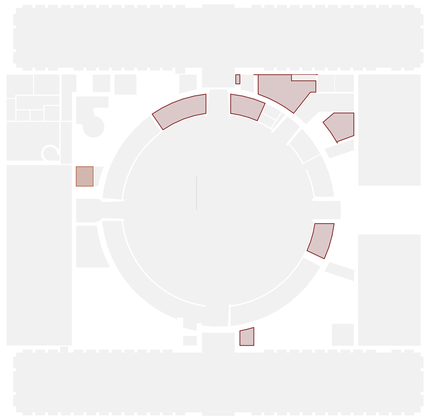


archive

delivery

book sorting

2. Rotunda level



archive

5. Top Floor

Clearing Basement



Grandorge, D. (~2006-2010)

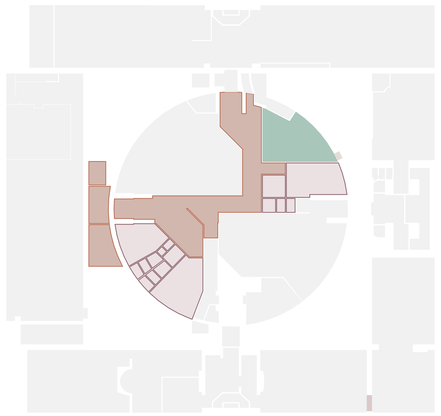
Clearing Basement



Grandorge, D. (~2006-2010)

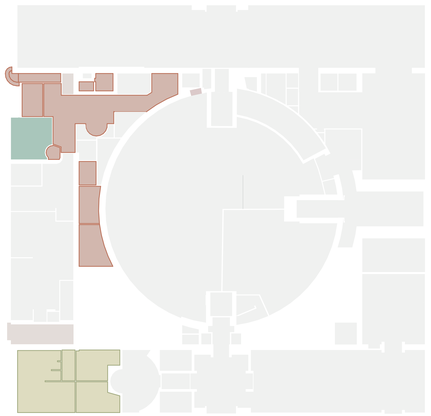
Clearing Employee area

0. Basement *20 employees*



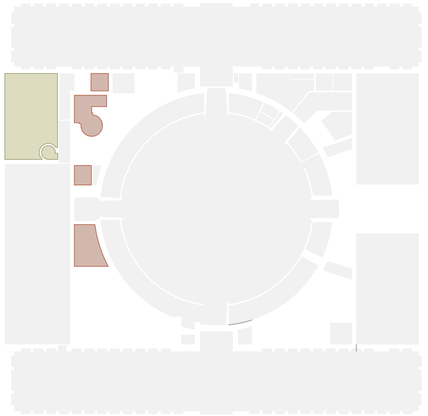
- employee circulation
-
- office

1. Entry level *80 employees*



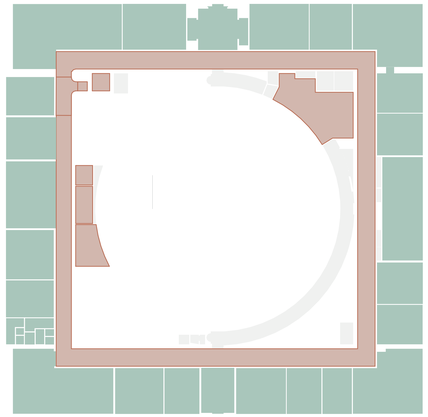
- employee lunch area
- employee circulation
- office

2. Rotunda level *50 employees*



- employee lunch area
- employee circulation

5. Top Floor *200 employees*



- Office
- Employee circulation

Clearing Employee area

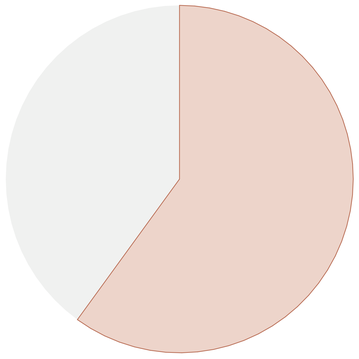


Clearing Employee area

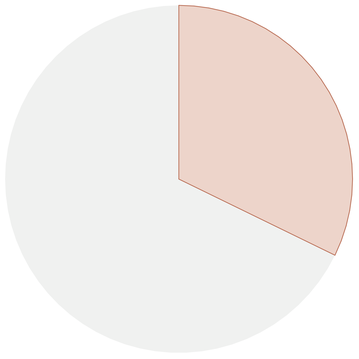


Clearing Division public/non public space

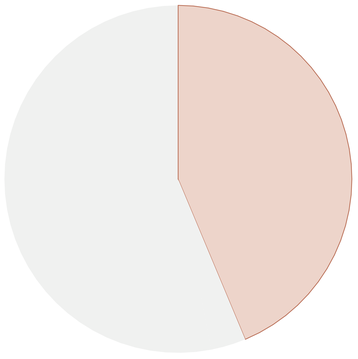
0. Asplund library current
60% non public



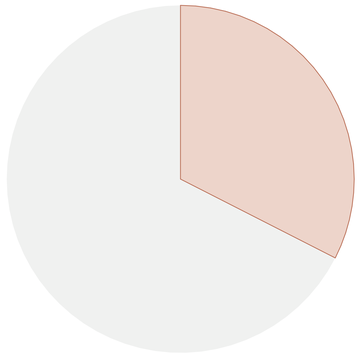
1. 2006 Competition proposal
32% non public



2. 2014 Competition proposal
43% non public



5. Stockholm libraries average
32% non public

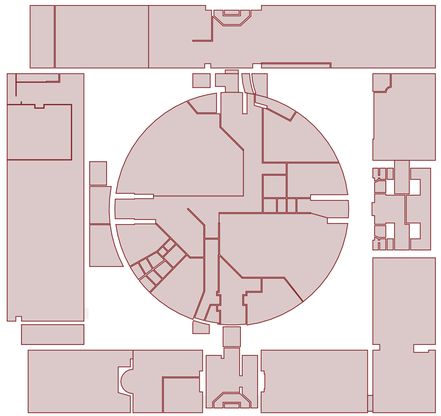


cirkel diagram publiek
niet public

1:1

Clearing Proposed Division public non public space

0. Basement 27%



1. Entry level 27/73%

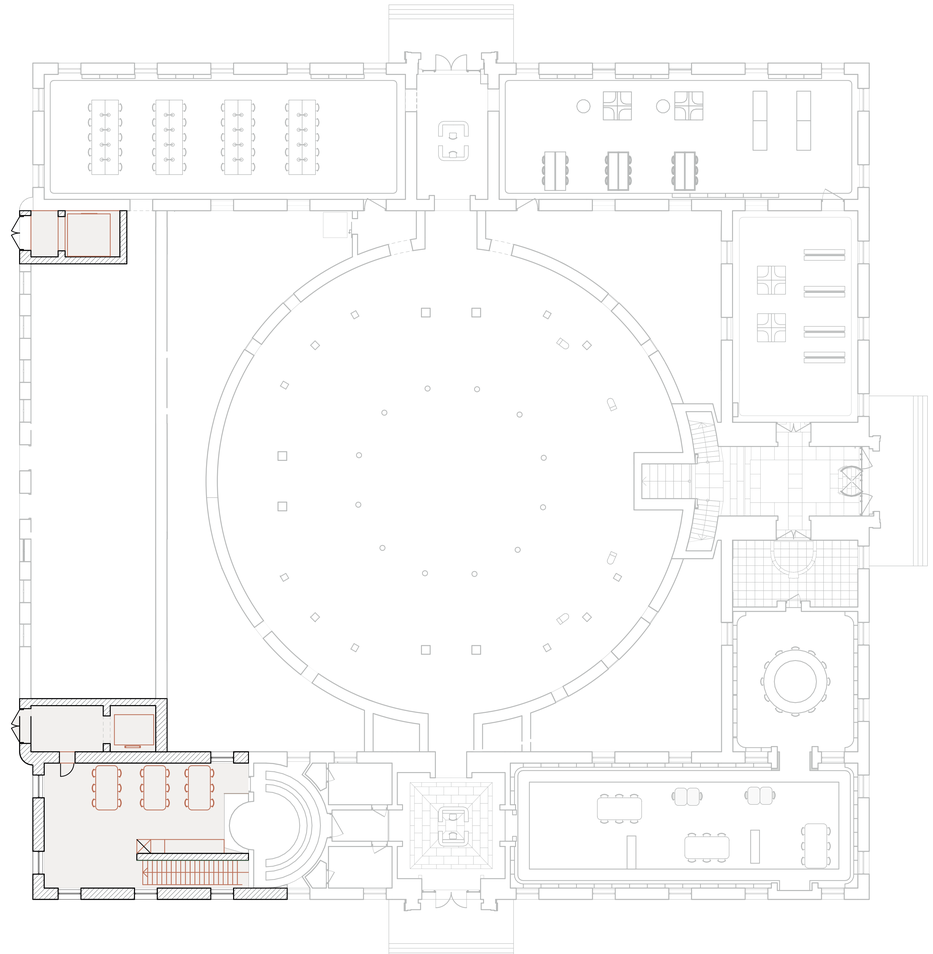
2. Rotunda level

5. Top Floor 19/73%

non public

Clearing

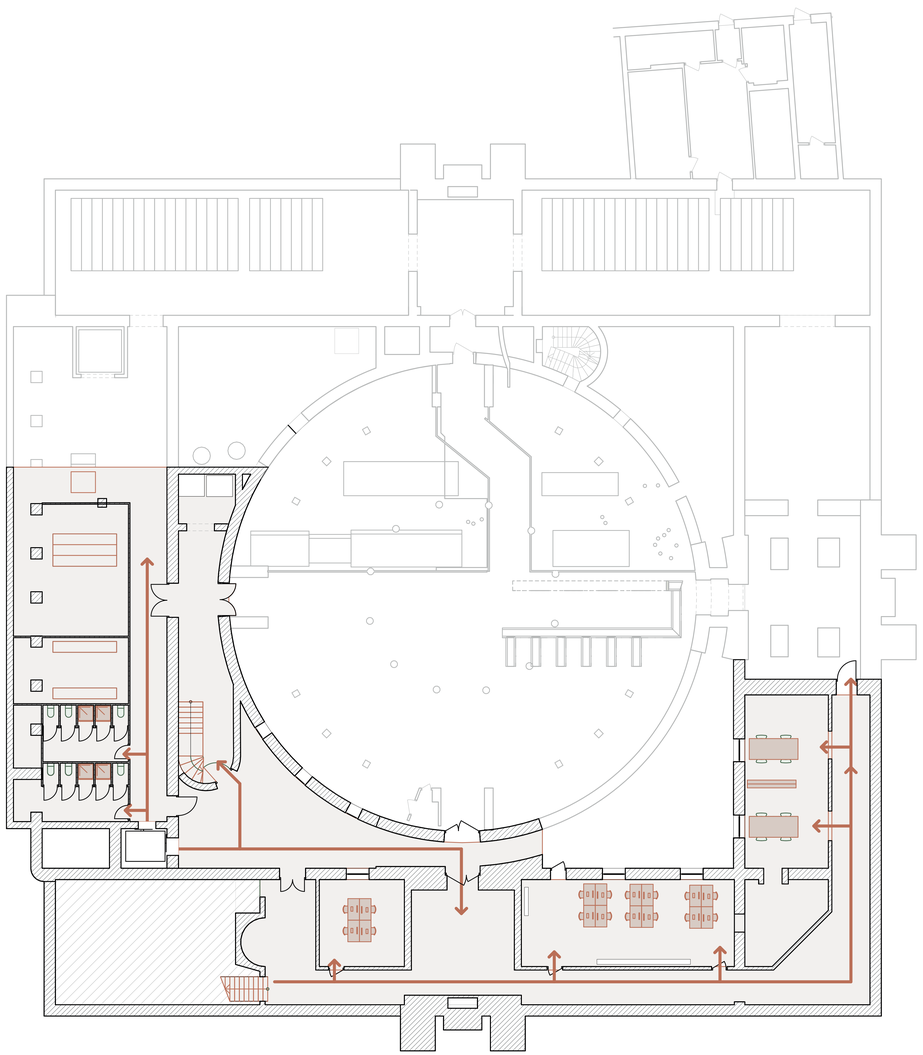
Proposed non public entry



EMPLOYEE,
CIRCULATION (2)

1:250

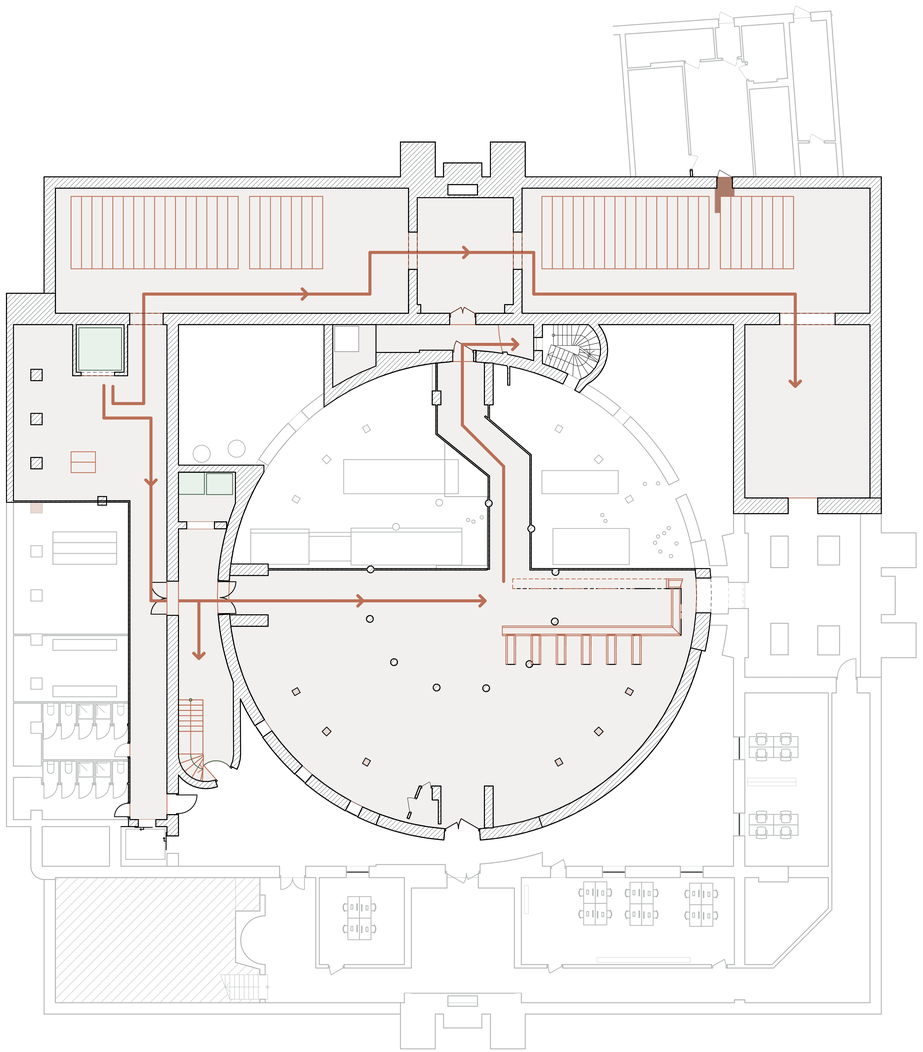
Clear Proposed flow of employees



basement underlayer
new, BASEMENT
UNDERLAYER (1)

1:250

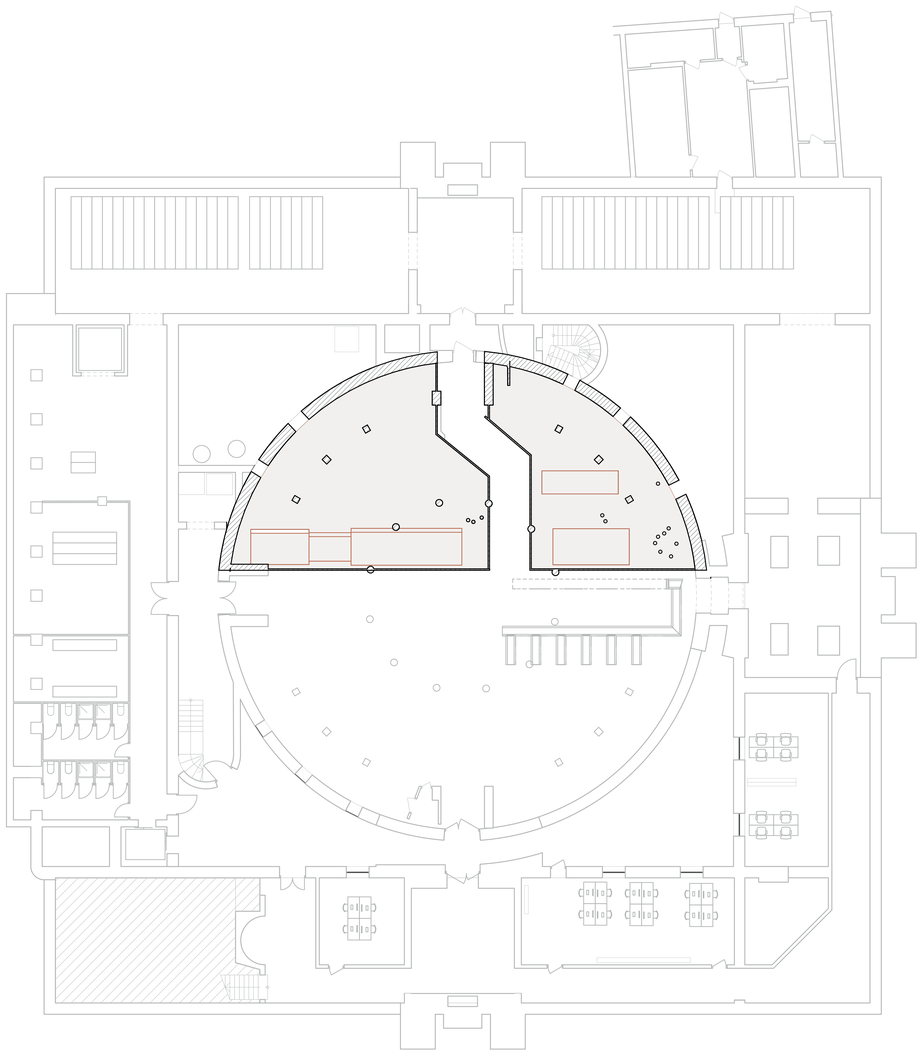
Clear Proposed circulation of goods



BASEMENT BOOKS/
SORTING, BASEMENT
UNDERLAYER (1)

1:250

Clear Proposed plant room

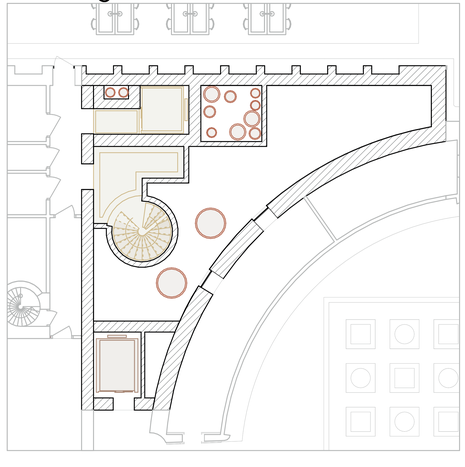


BASEMENTTECHNIQUE
, BASEMENT
UNDERLAYER (1)

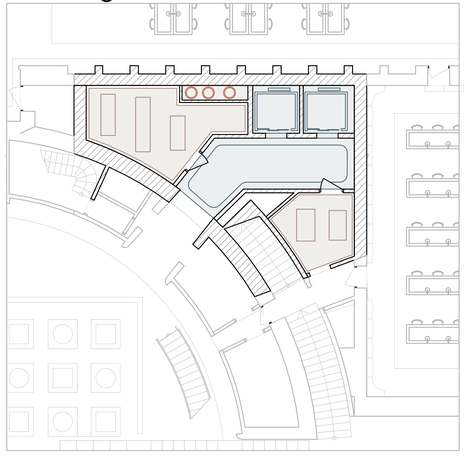
1:250

Clearing Which program is being removed in the lightwells

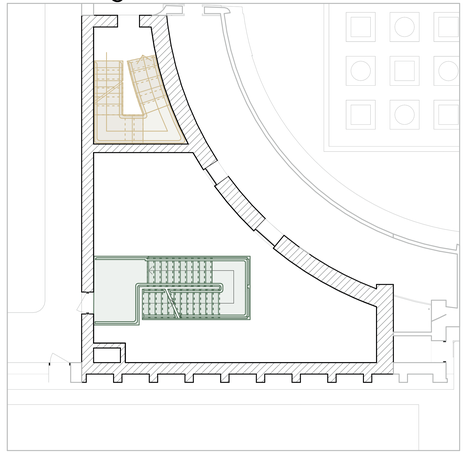
1. NW lightshaft



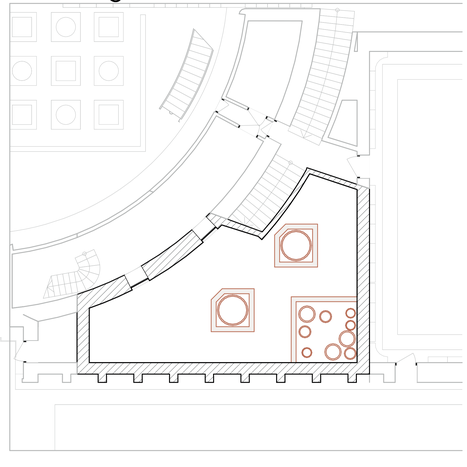
2. NE Lightshaft



3. SW Lightshaft



4. SE lightshaft



- employee circulation
- ventilation shafts
- logistics lift

- ventilation shafts
- Visitor circulation
- Storage space

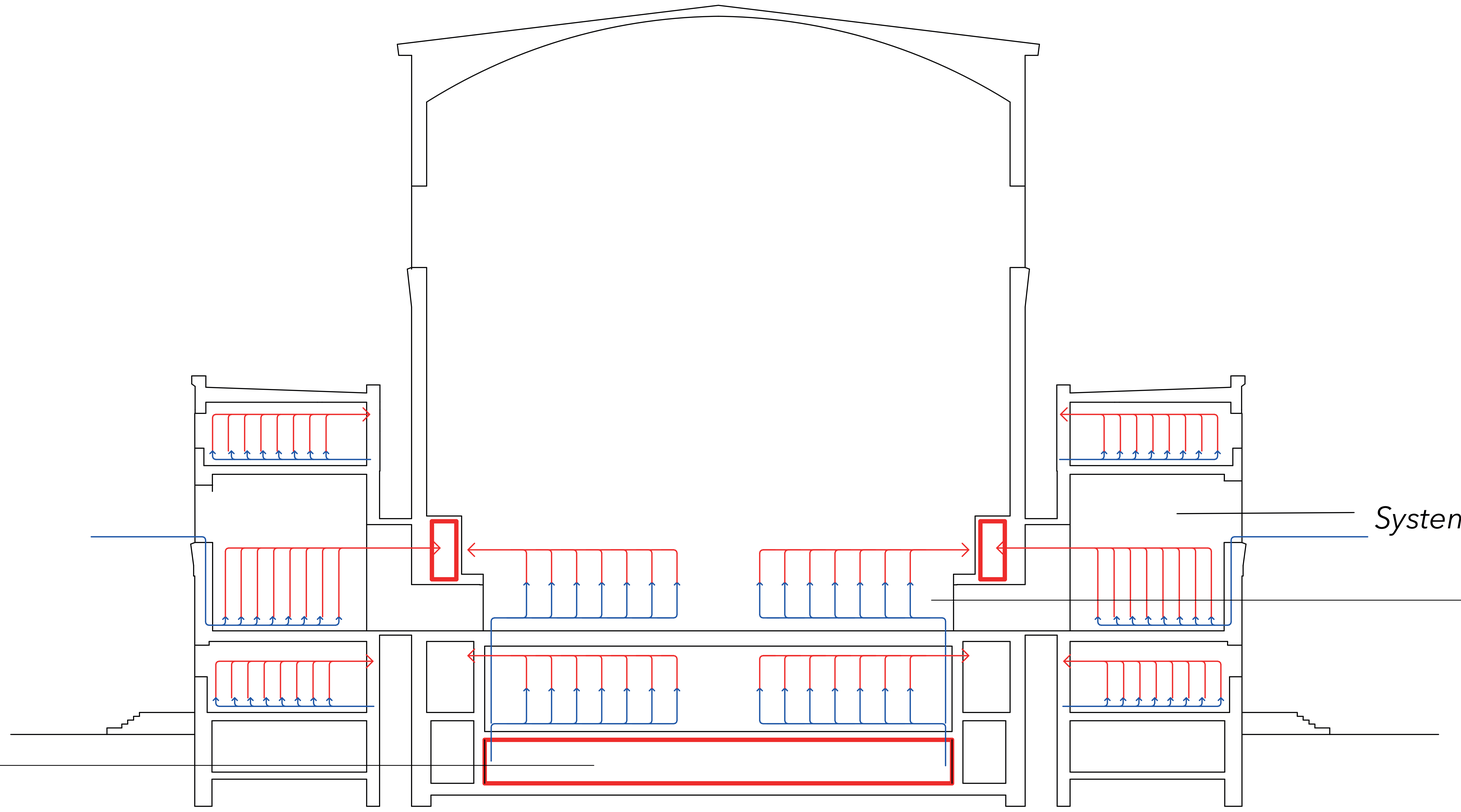
- employee circulation
- Fire escape

- ventilation shafts

DEMOLITION
LIGHTSHAFT

1:178,40

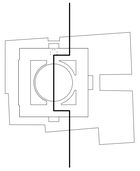
Clearing New ventilation system in winter



System C

rotunda ventilation will be led through thickened wall underneath rotunda

Heat recovery happens through heat pump which in turn reheat the water for the floor heating

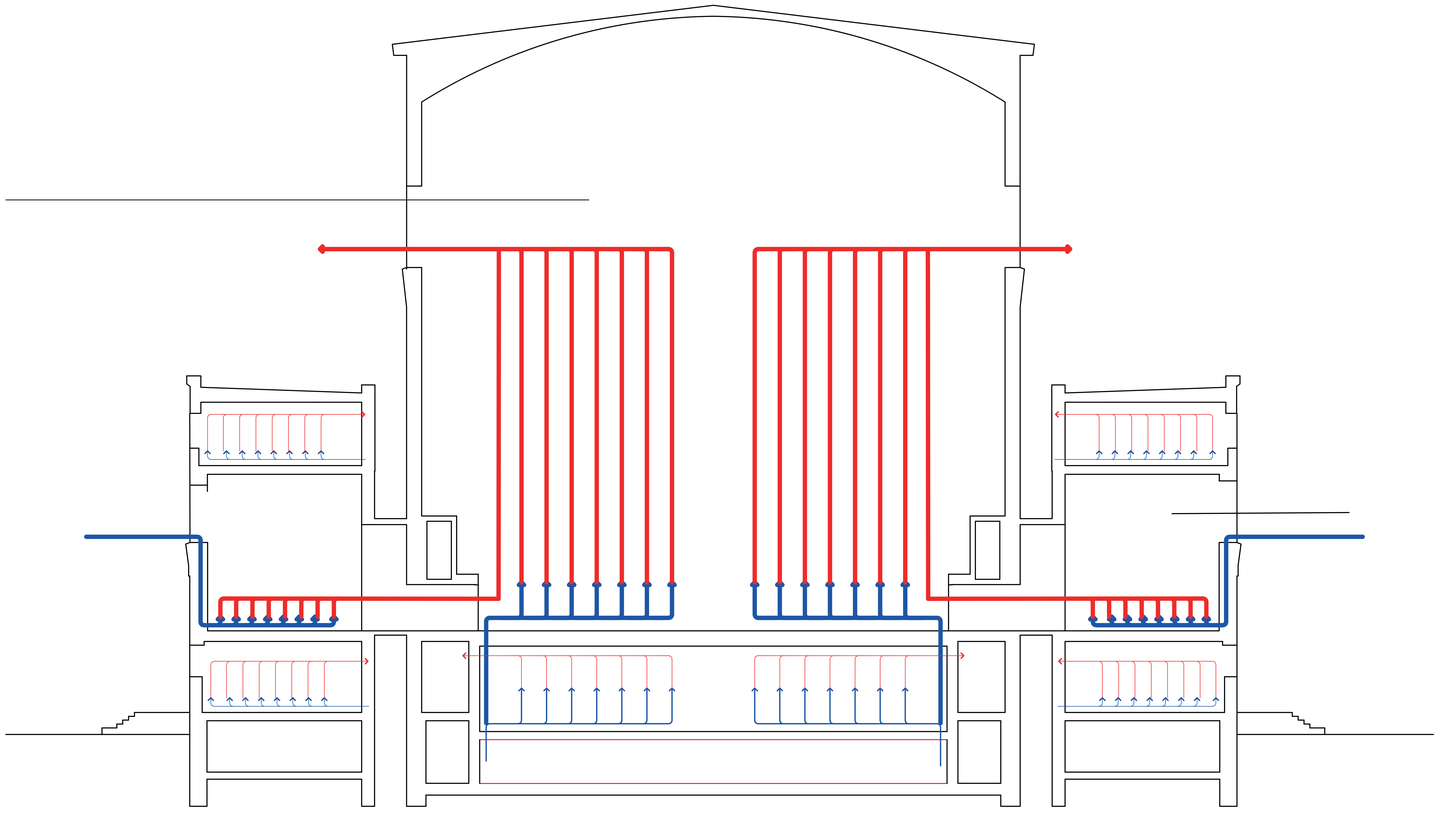


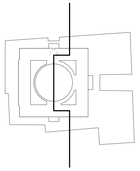
KLIMAAT DOORNSEDE
WINTER

1:200

Clearing New ventilation System in summer

During summer time the building could be insuffienct cooled in the past.
by using the rotunda to create a chimney effect the building can passivly ventilated

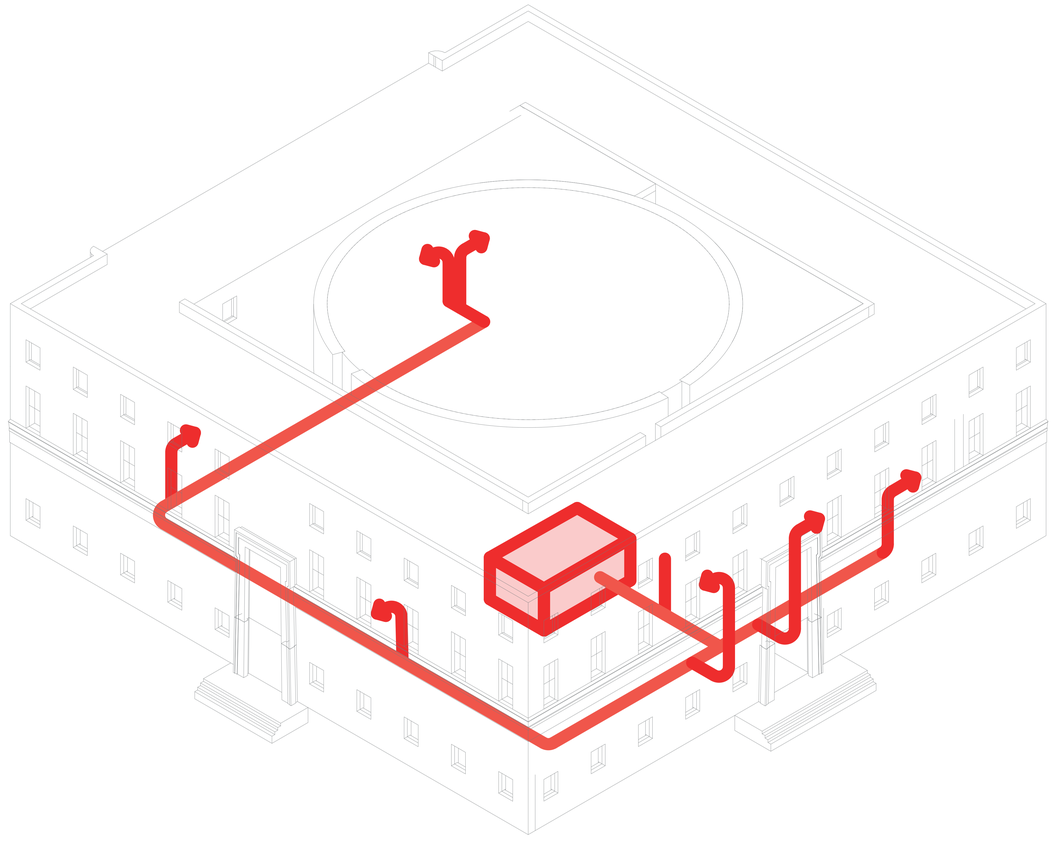




KLIMAAT DOORNSEDE
ZOMER

1:200

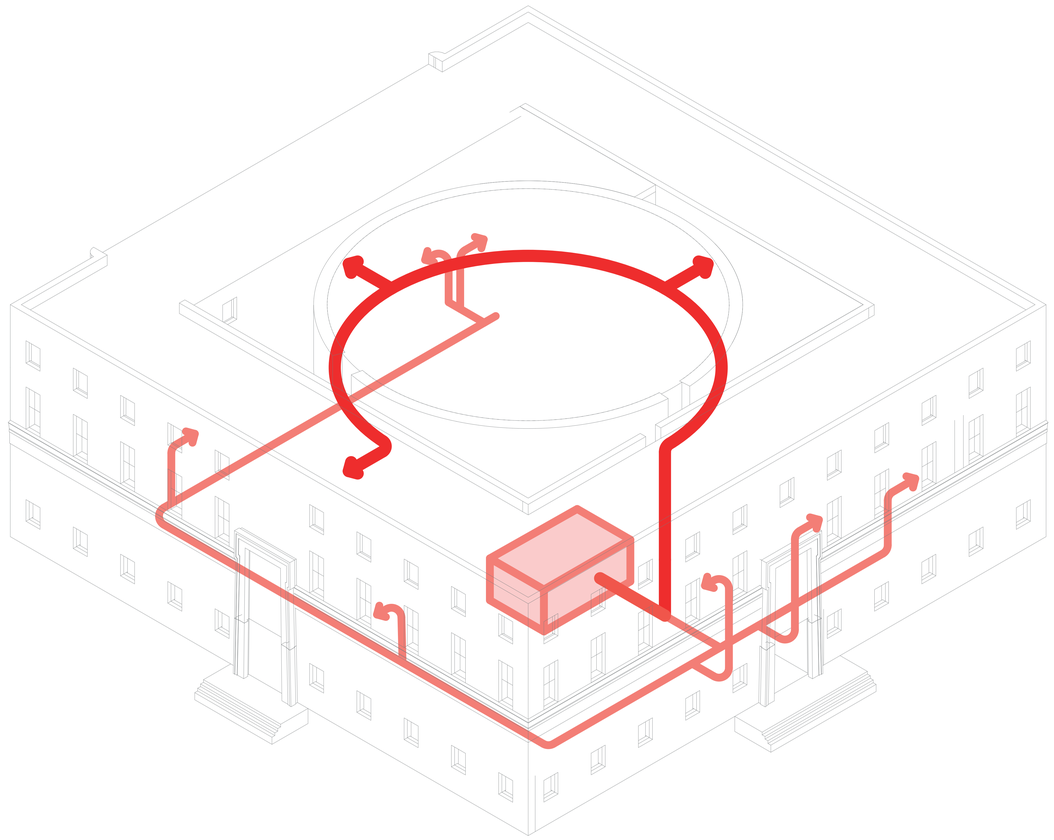
Clearing Ventilation plan



axo basement

1:350

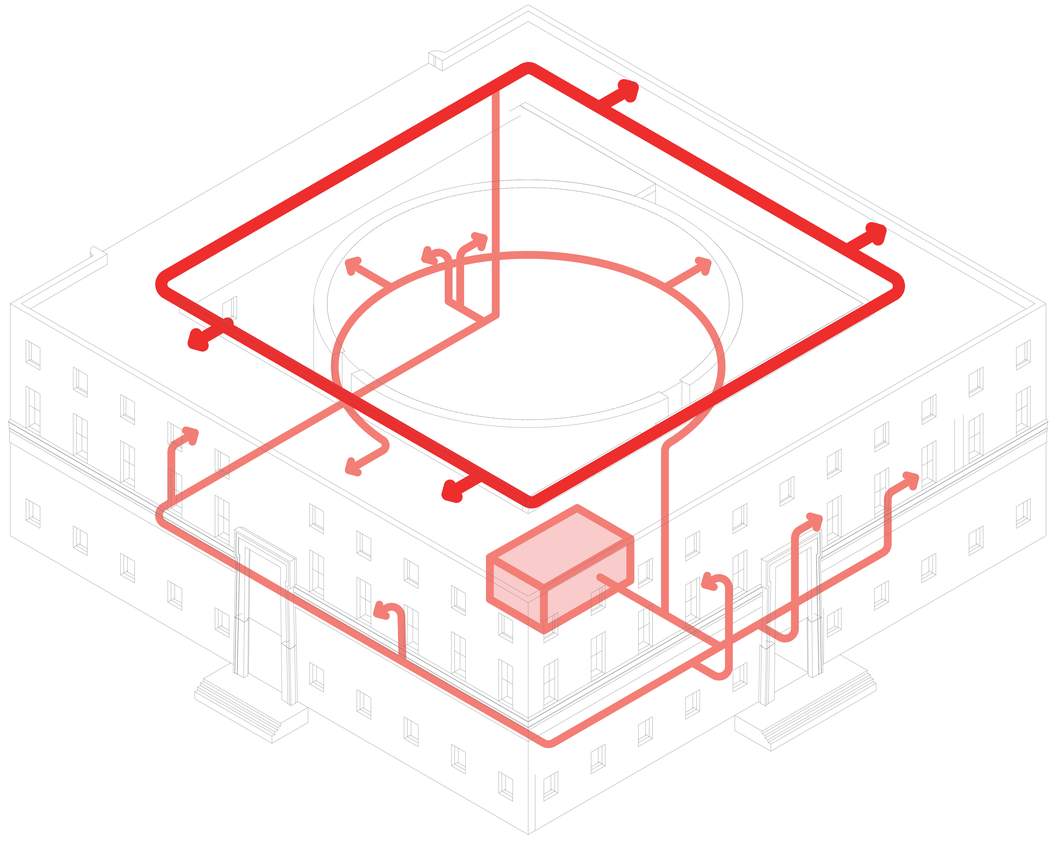
Clearing Ventilation plan



axo rotunda

1:350

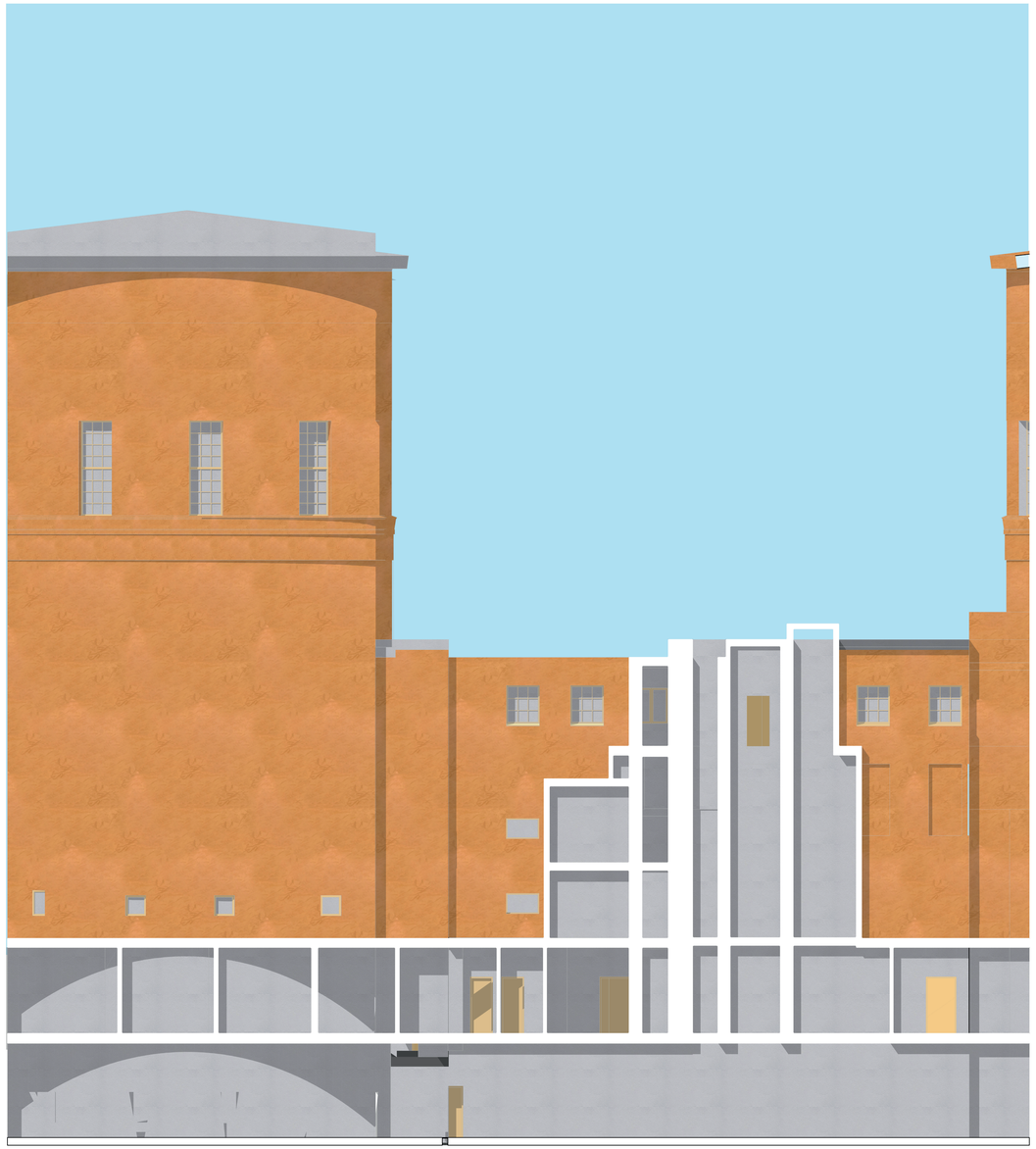
Clearing Ventilation plan



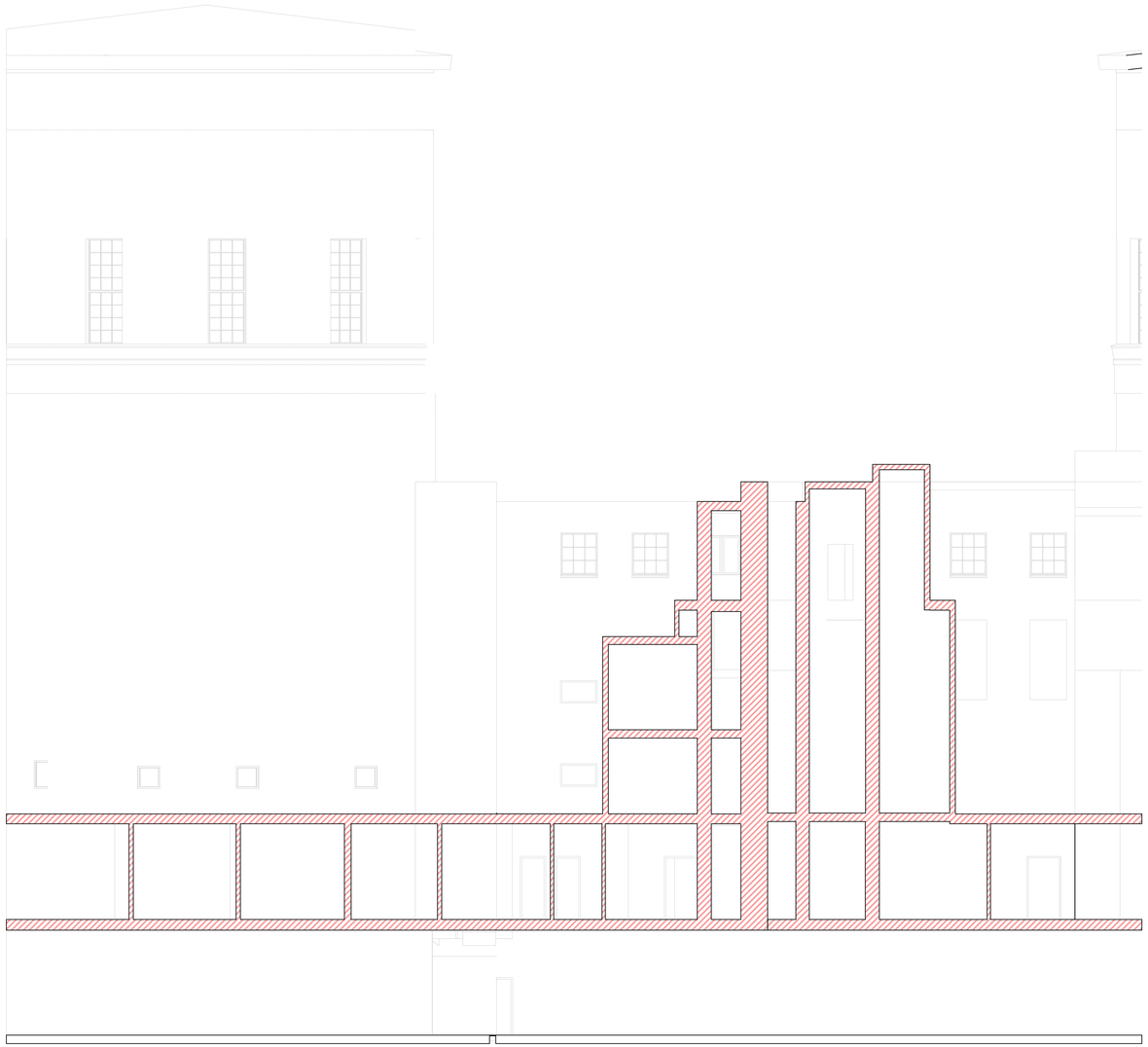
axo Office

1:350

Clearing Solve the consequences of demolition



Clearing Solve the consequences of demolition





Grandorge, D. (~2006-2010)

References Interior Church Westergeest



References Different timelayers plaster inside church



Clearing Plaster as skin that shreds over time

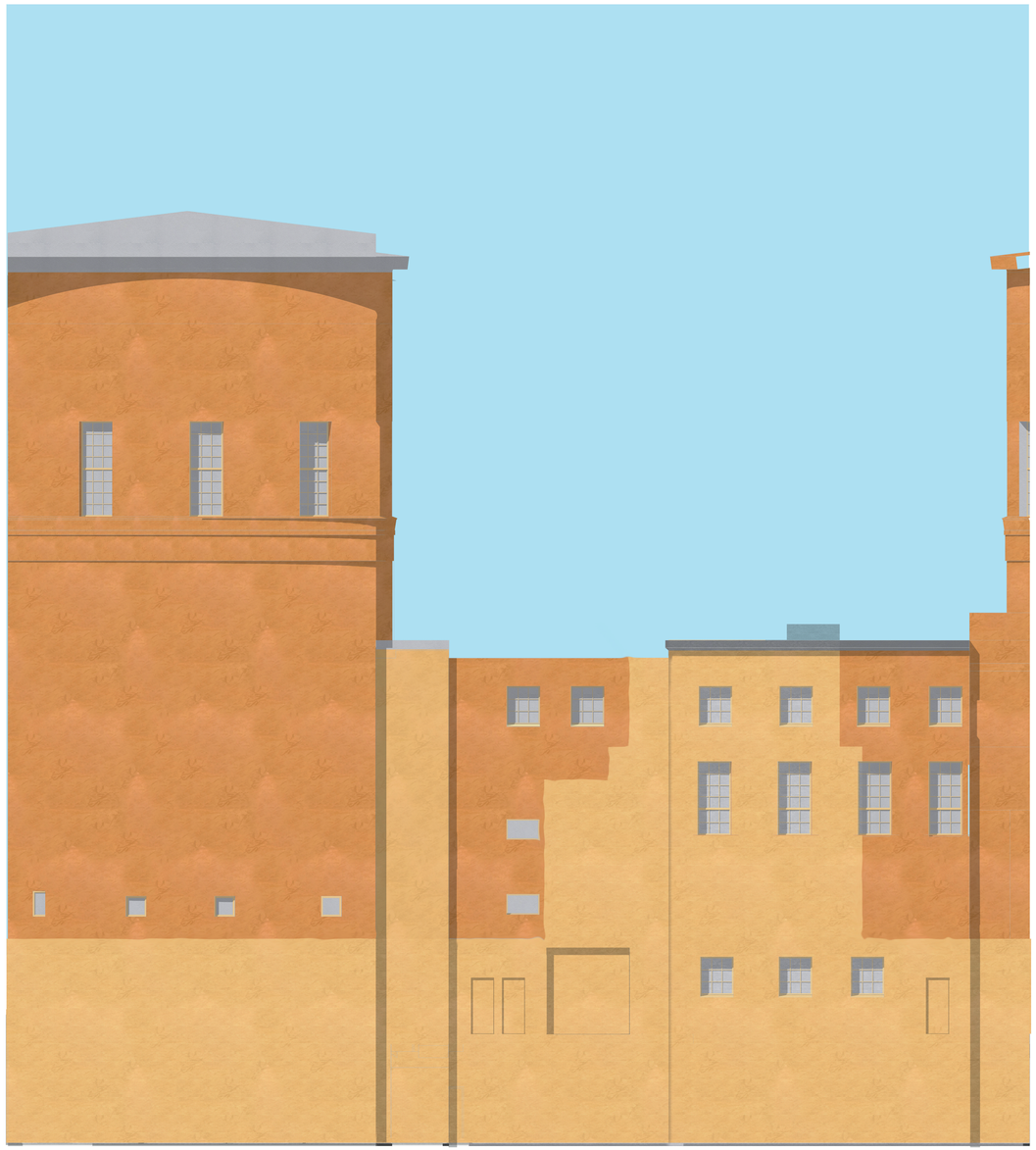


Gram, I. (1963)



Grandorge, D. (~2006-2010)

Clearing Plaster as a slowly healing scar



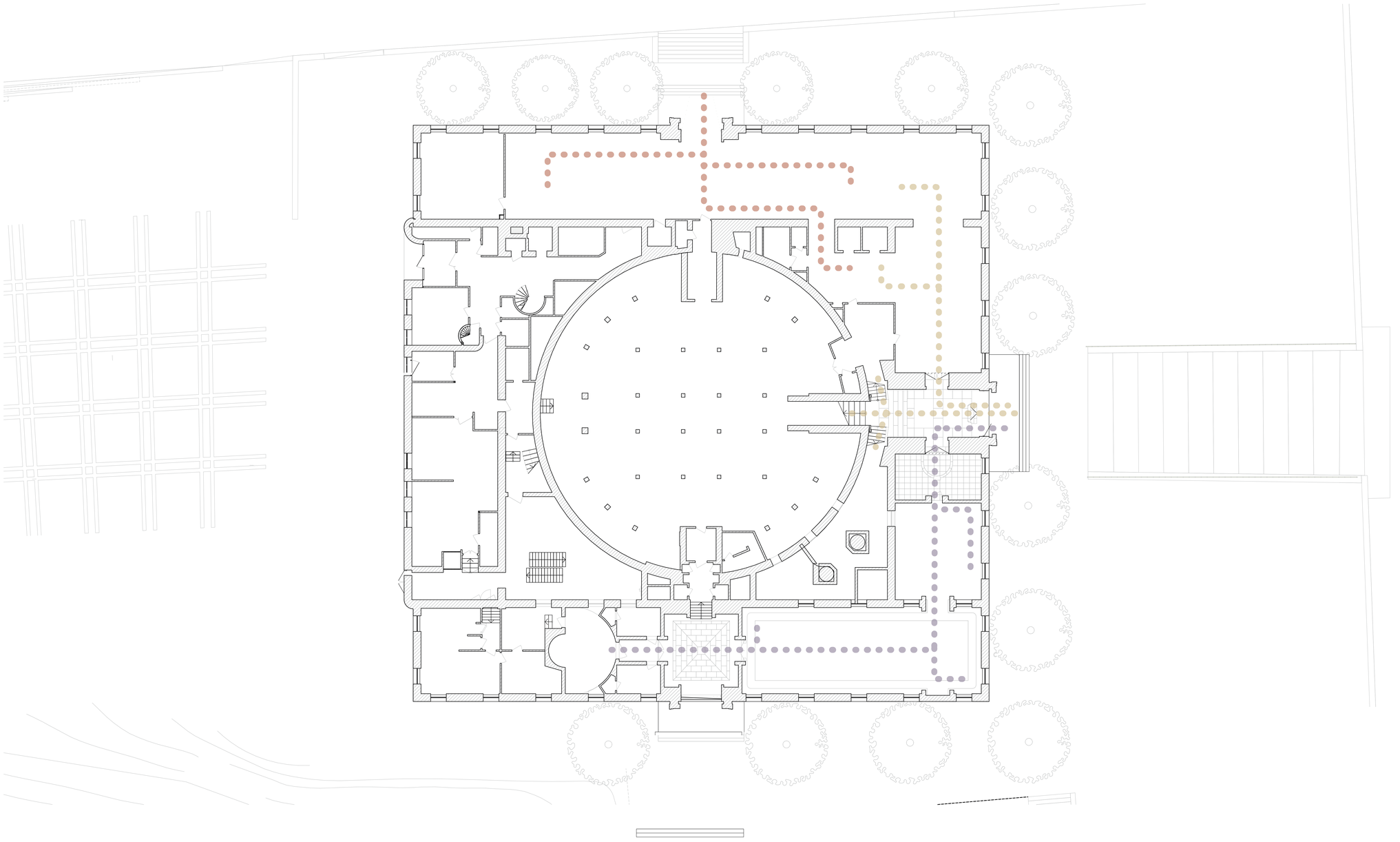
Clearing Solve the consequences of demolition



Van der bogert, Y . (2023)

Re-establish

Re-establish current circulation



Three entrances

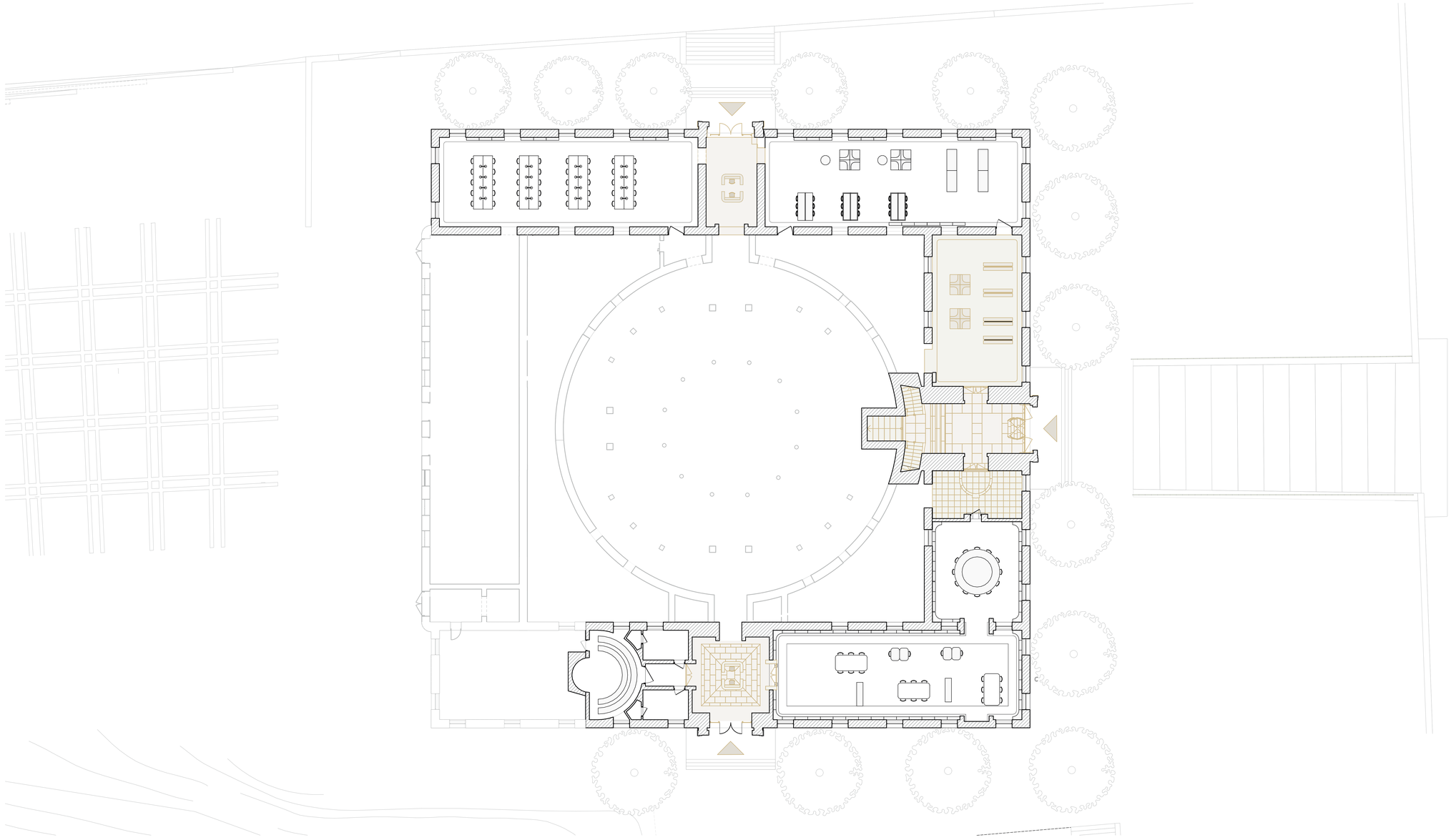
1:250

Re-establish current circulation





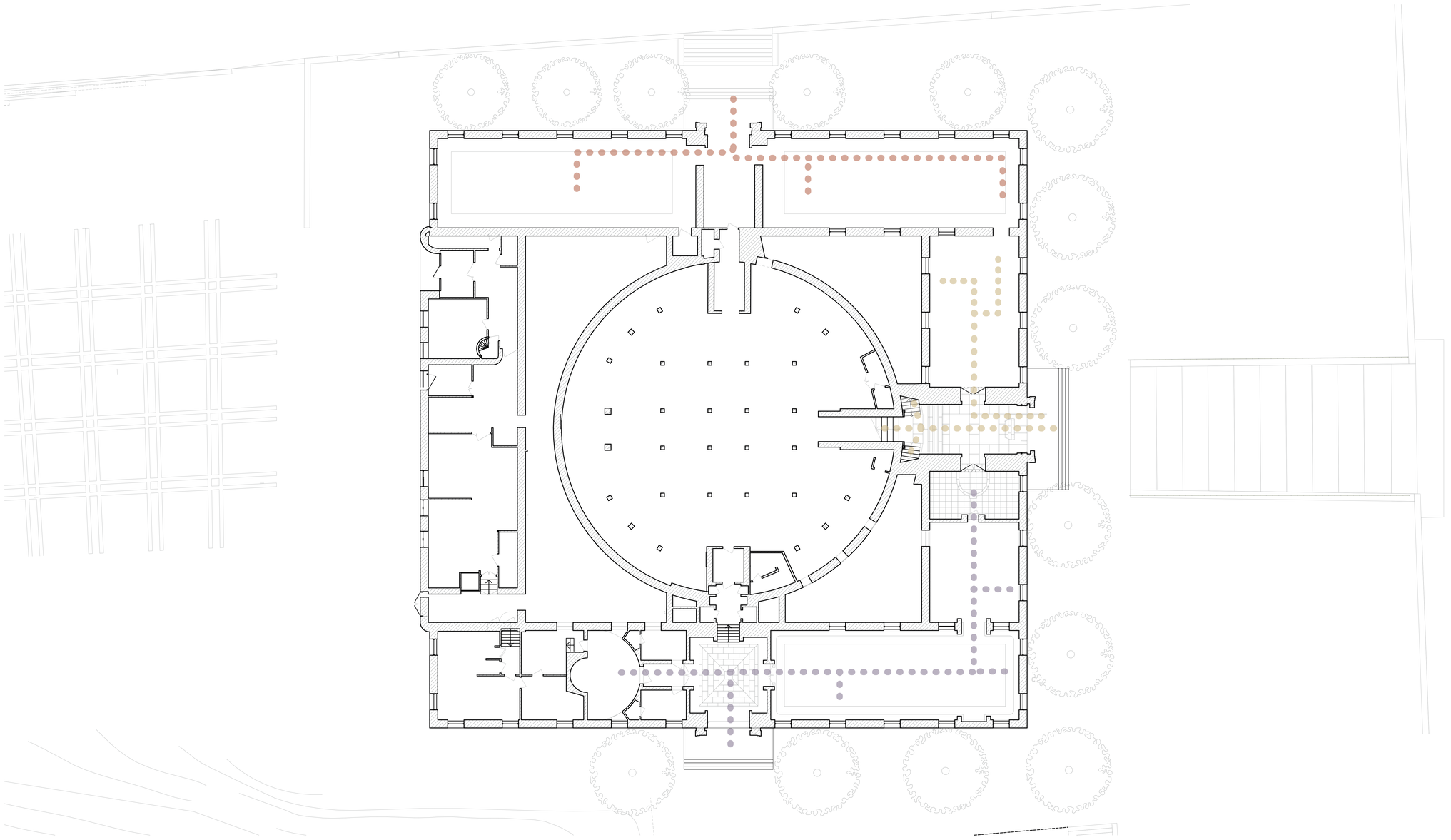
Re-establish restoring the three entrances



Three entrances

1:250

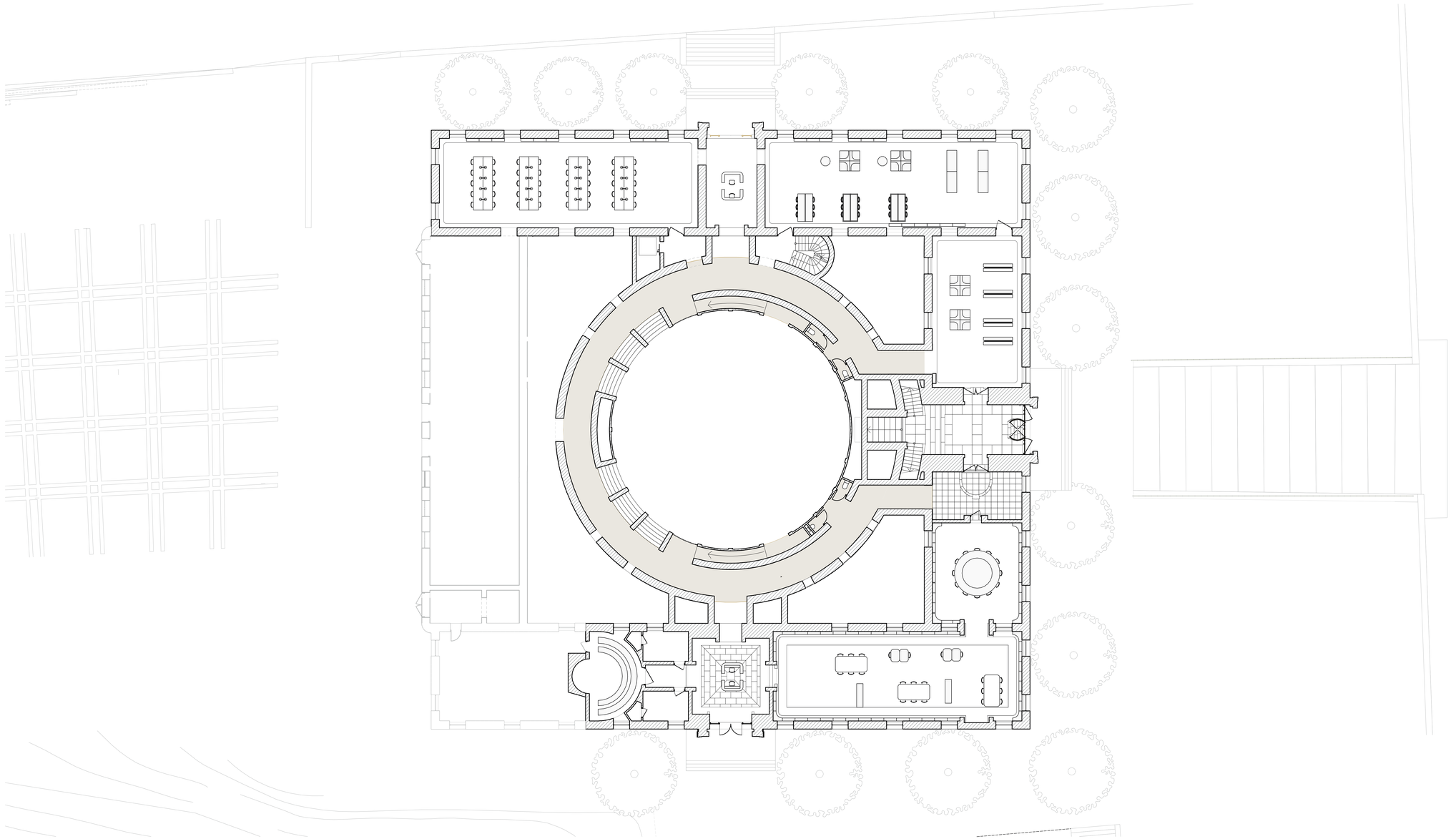
Re-establish new circulation



Three entrances

1:250

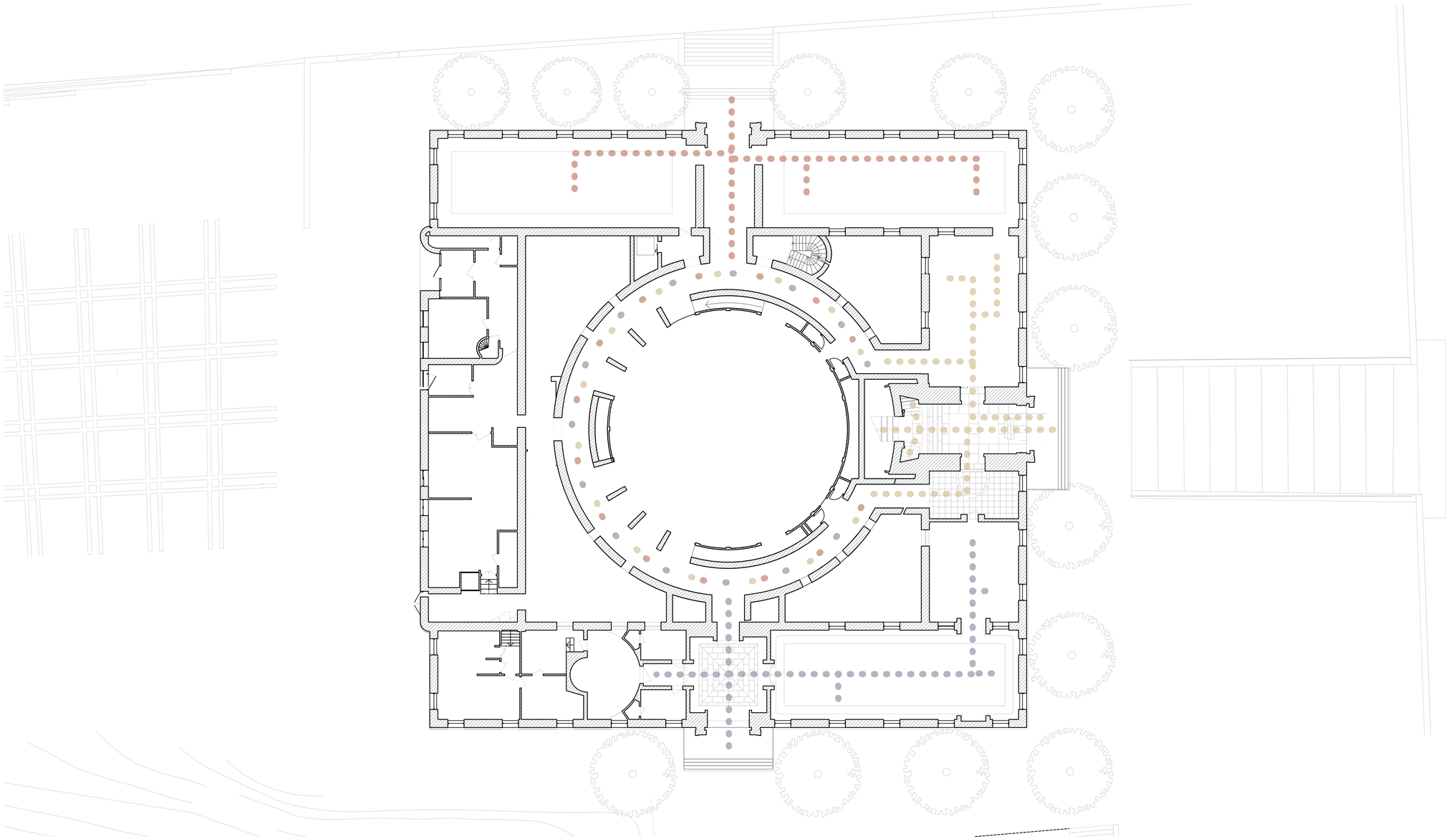
Re-establish New circulation ring



CIRCULATION,
CIRCULATION (1),
CIRCULATION (2)

1:250

Solution Circulation connected library



Three entrances

1:250

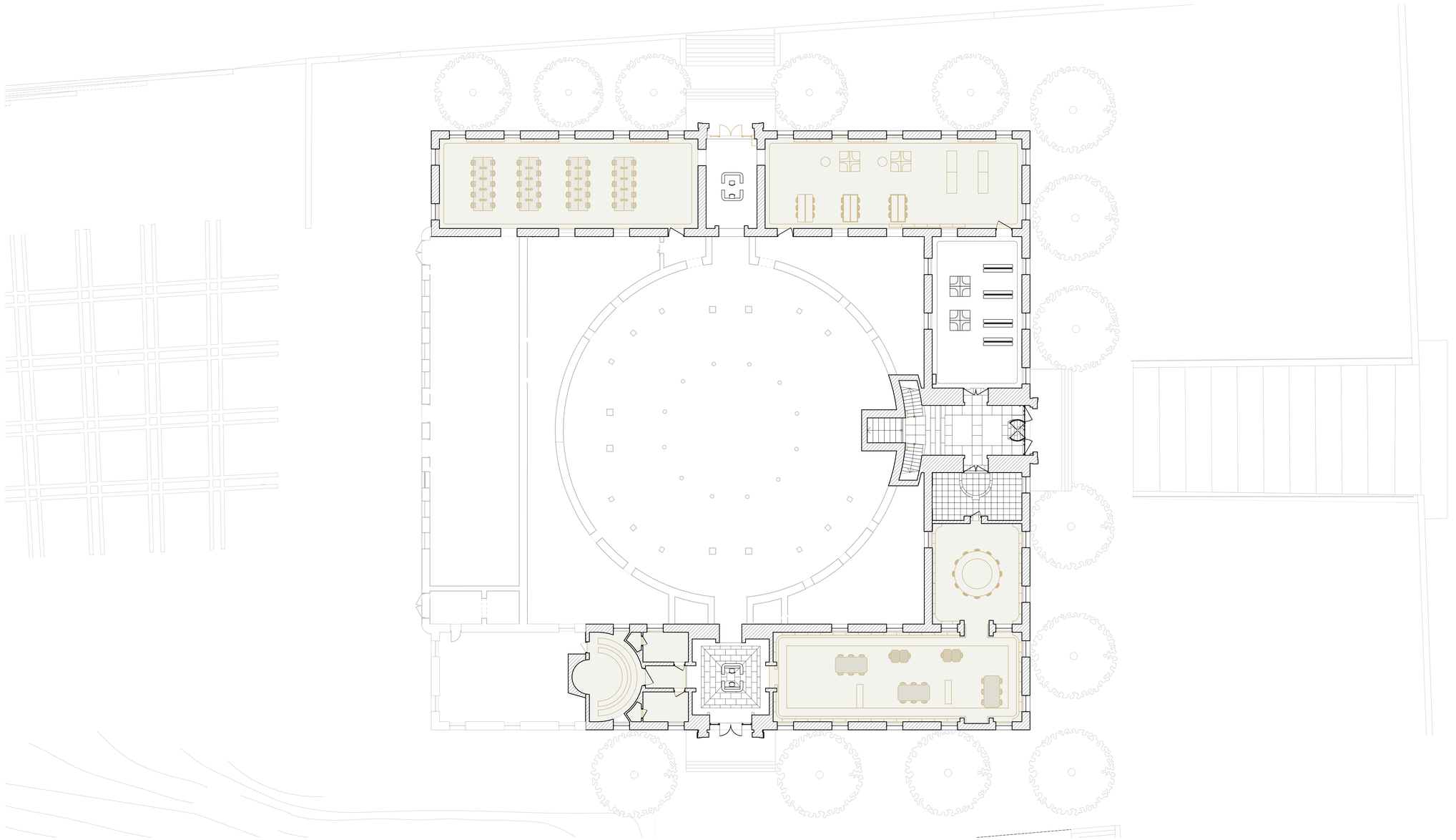
Re-establish Acces to vestibule



Re-establish A circulation in between volumes

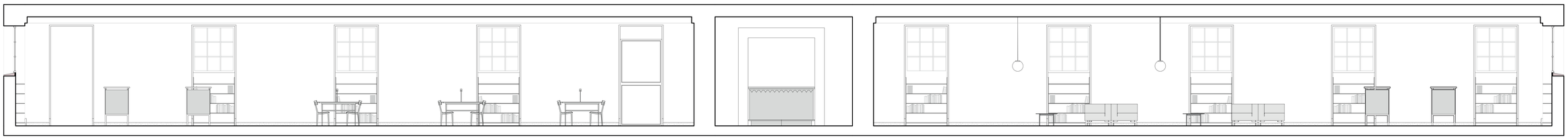


Re-establish Give the outer wings a renewed program



outer ring, outer ring (1)

1:250



section newspaper room

1:100

Re-establish The current “newspaper room”



Re-establish Remove the books



Re-establish After removing the lightshafts



Re-establish A renewed program

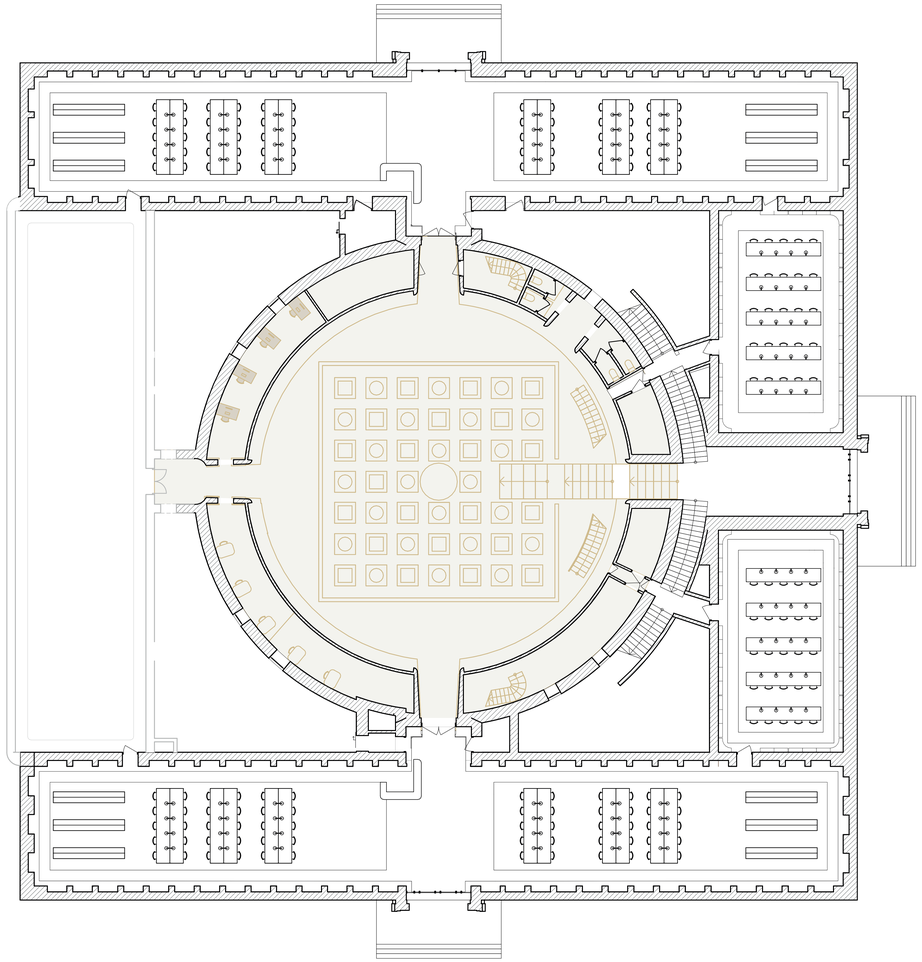


Re-establish The users of the newspaper room





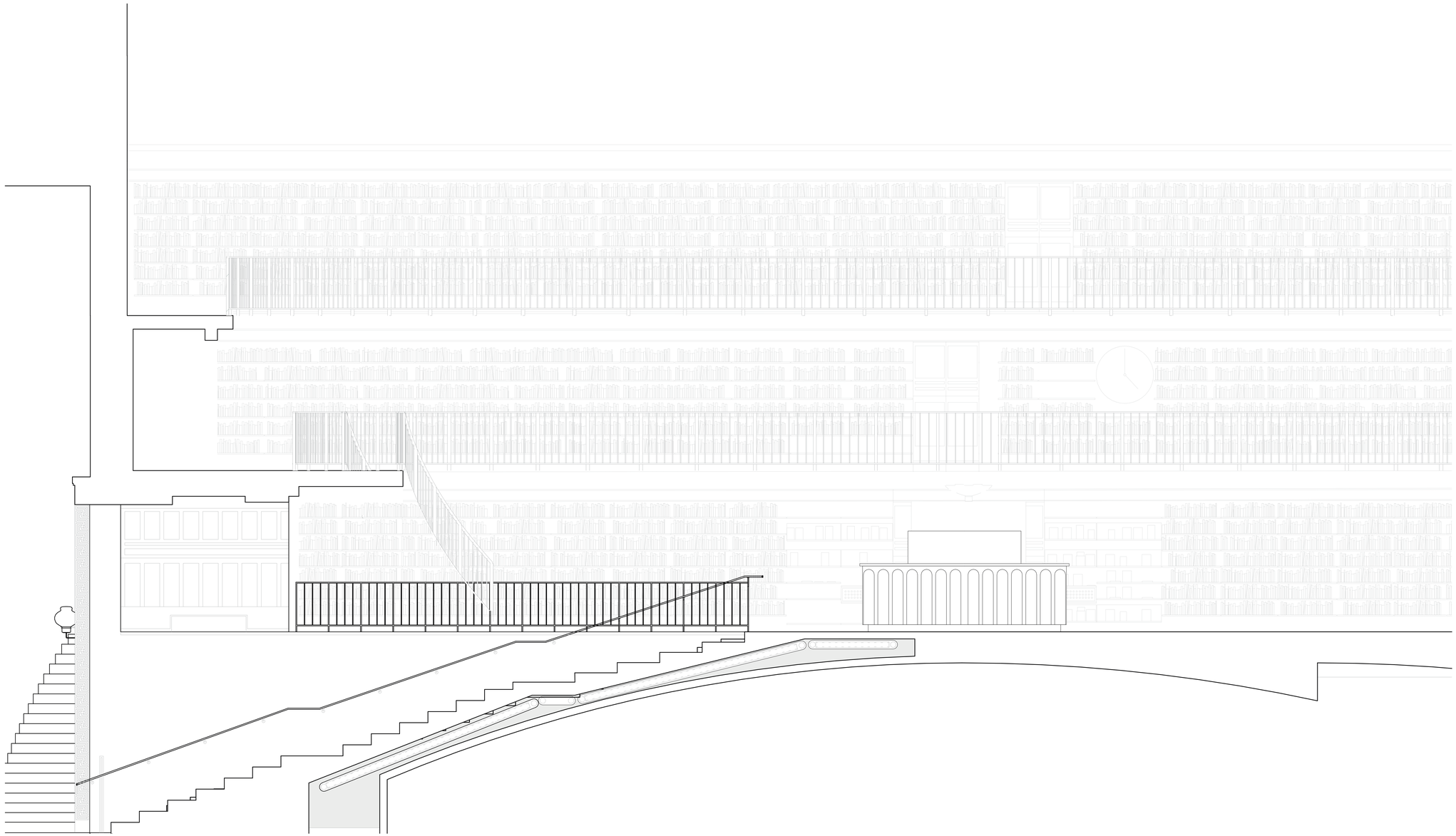
Re-establish Give the rotunda it's gesture back



rotunda

1:250

Re-establish A booklift as a focal point



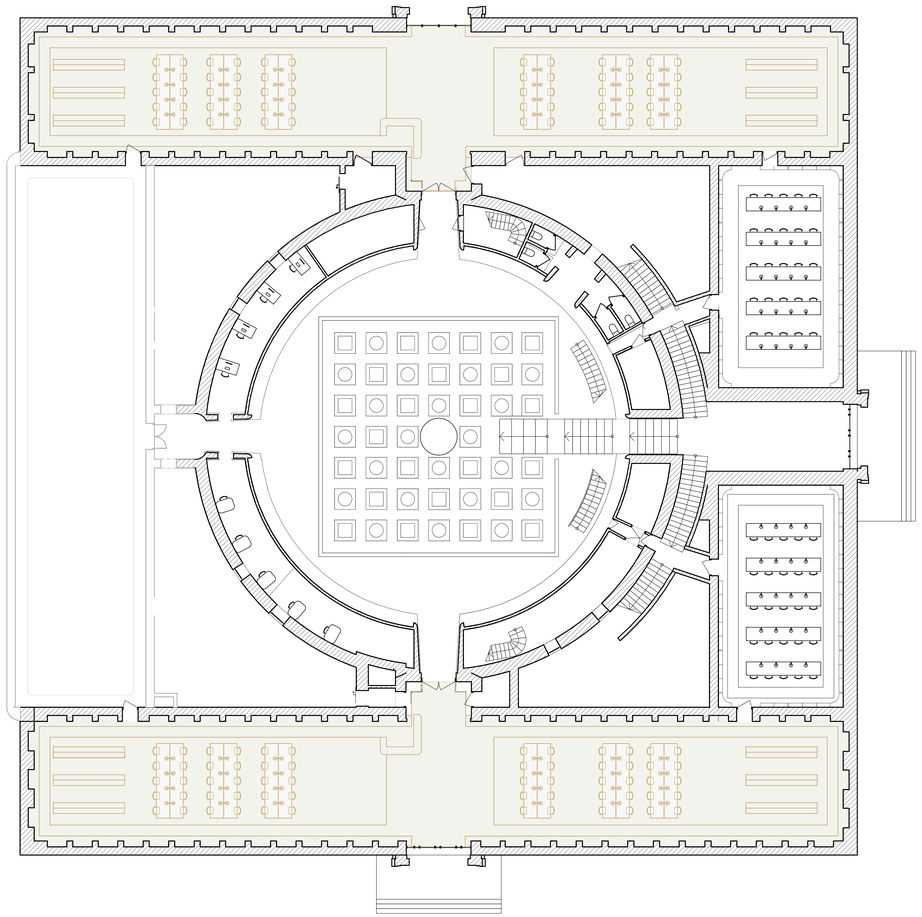
section rotunda 2

1:50

Re-establish What is the library underneath the mess?



Re-establish Restory the quality of the reading room



reading room

1:250

Re-establish A monumental Room



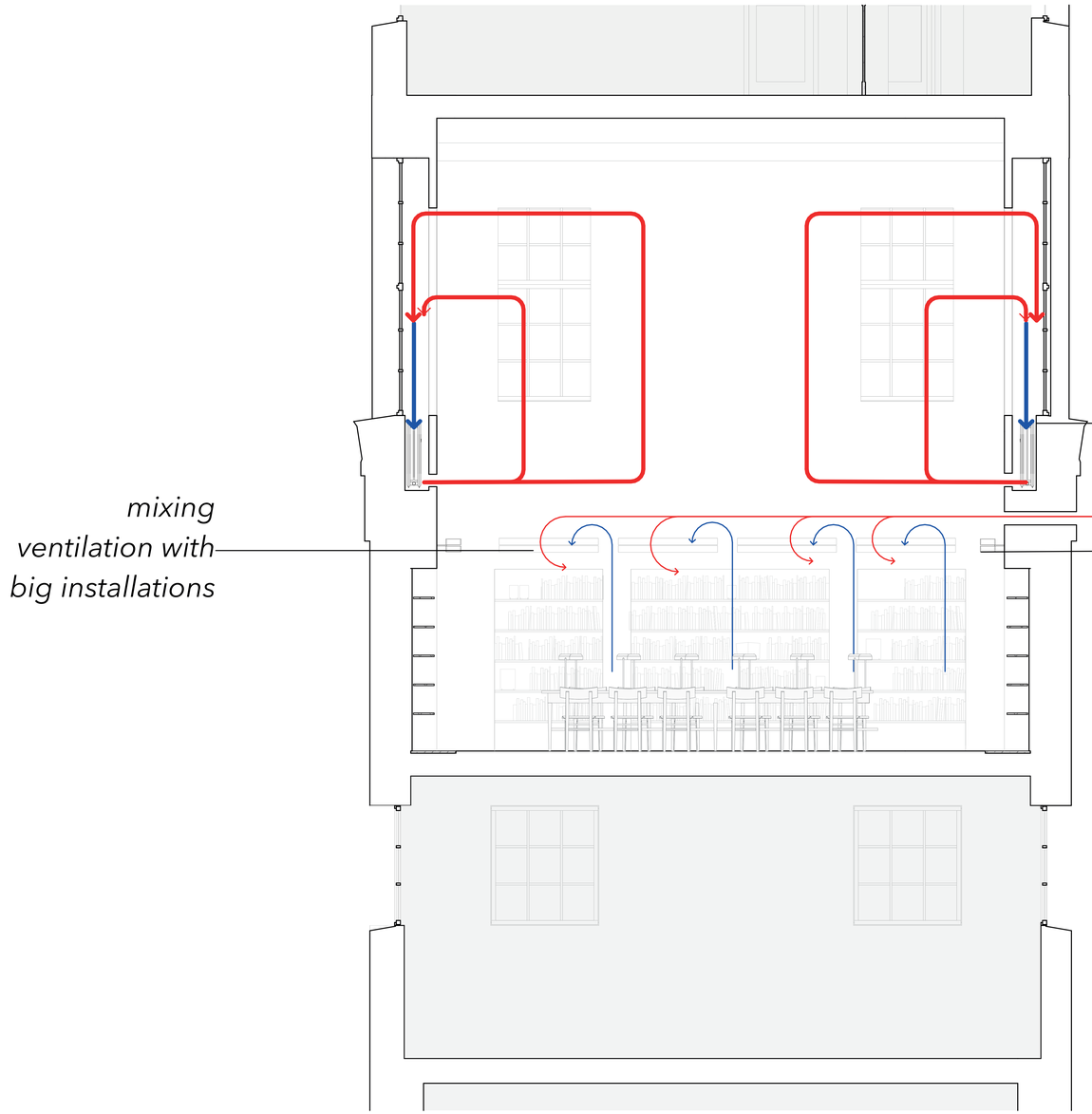
Rosenberg, C.G. (>1936)

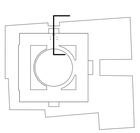
Re-establish A cluttered room



Grandorge, D. (~2006-2010)

Re-establish The effects of years of adding

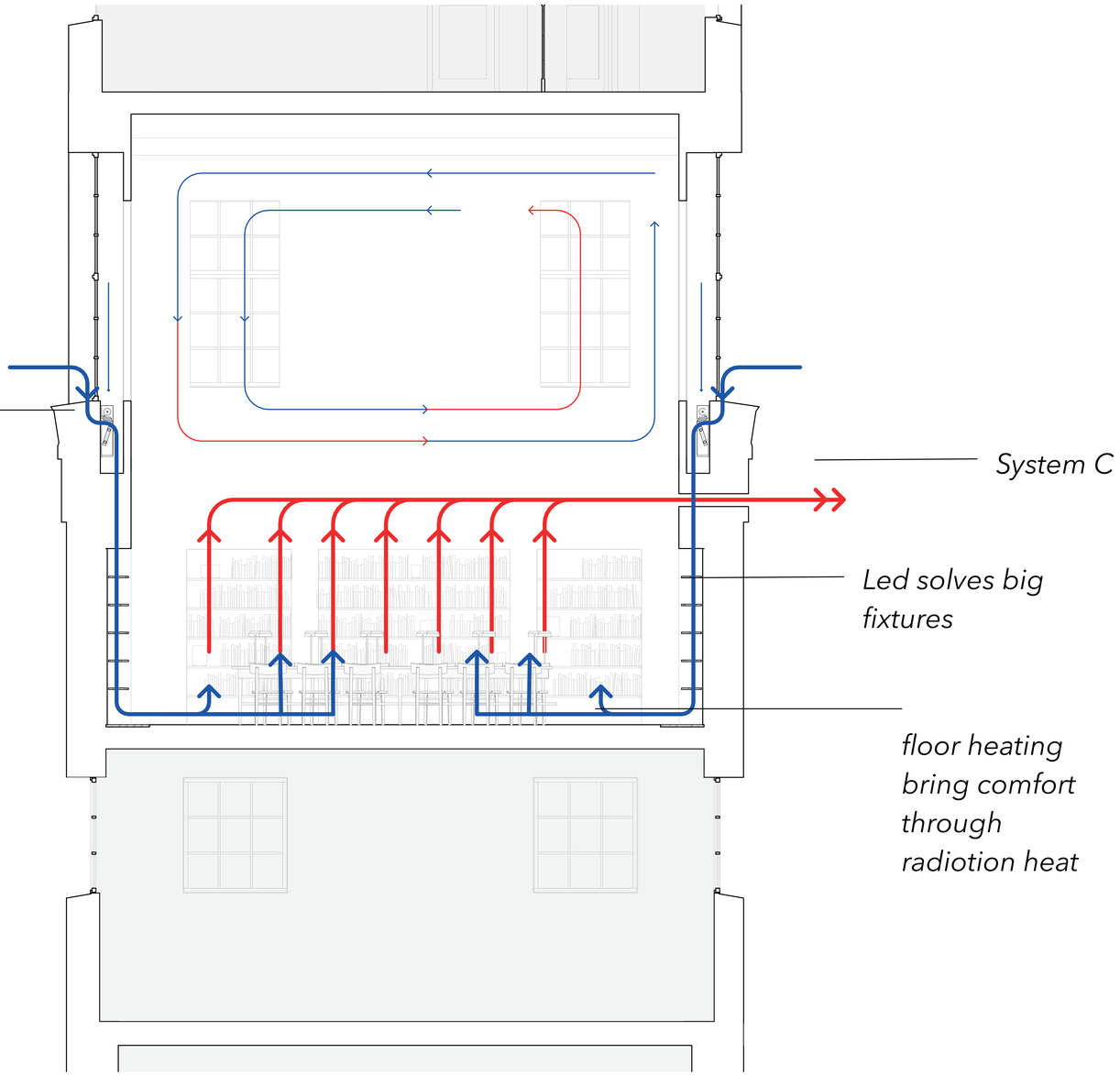


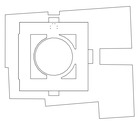


KLIMAAT BESTAAND

1:50

Re-establish A new plan





klimaat nieuw

1:50

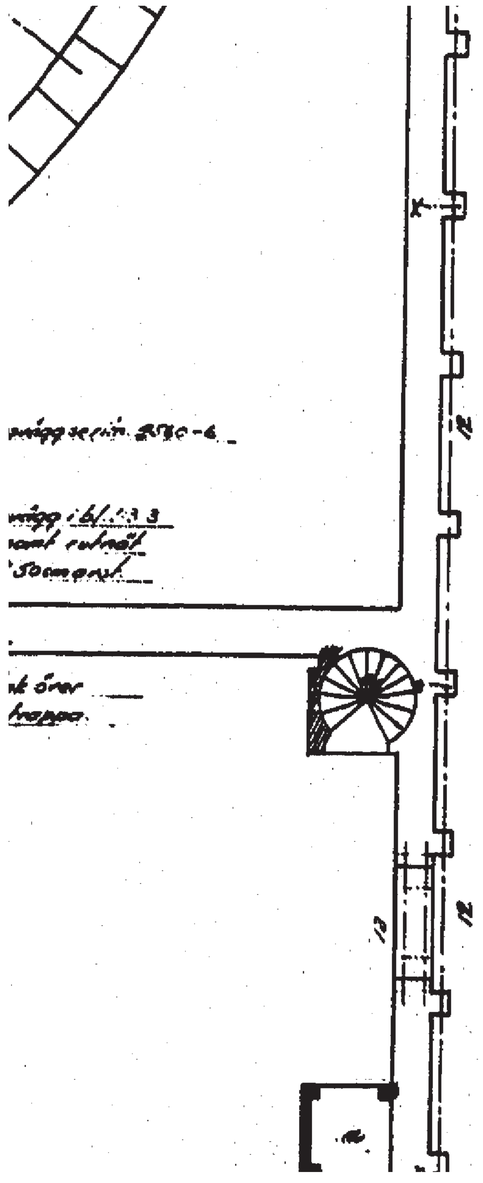
Research into structure

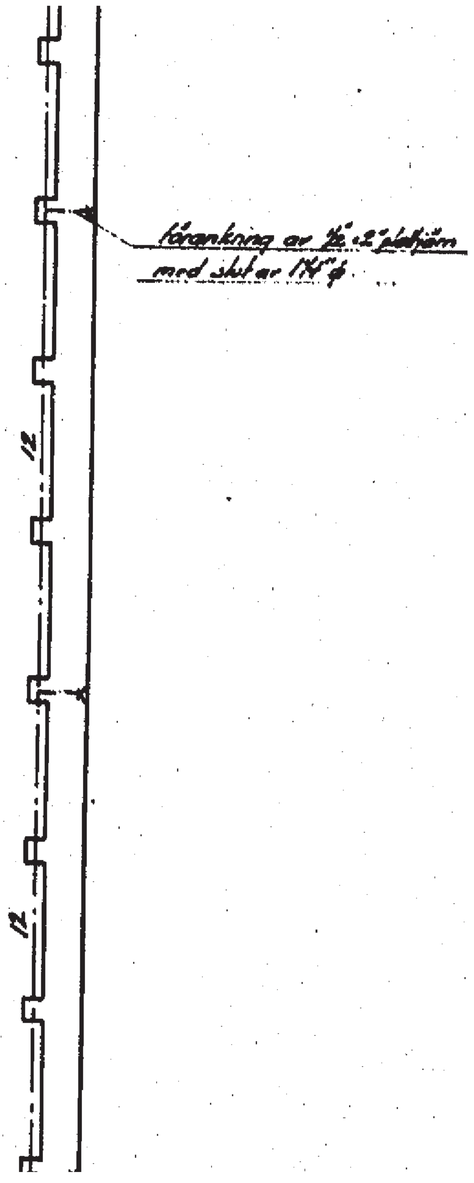
Research

Uneven spaced book shelves

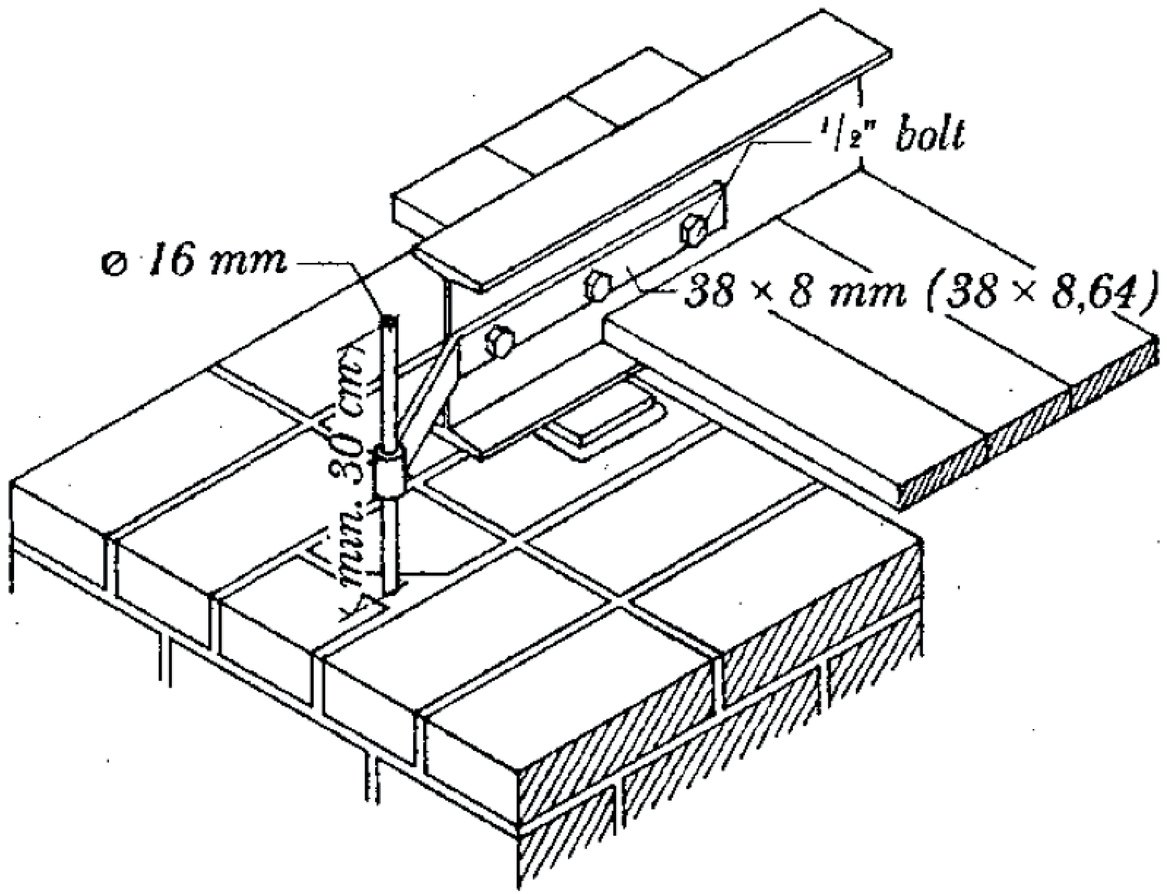


Rosenberg, C.G. (>1936)



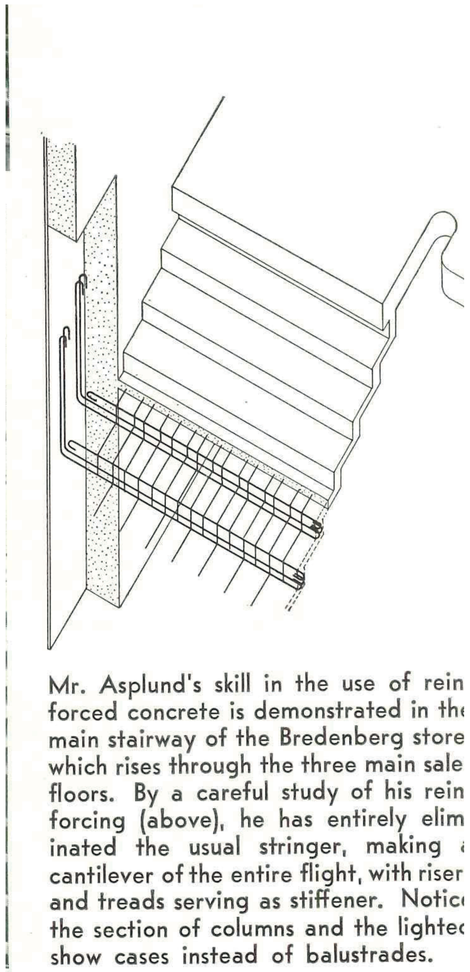

förankring av ½"ø plattjärn
med skruv av 1¼"ø





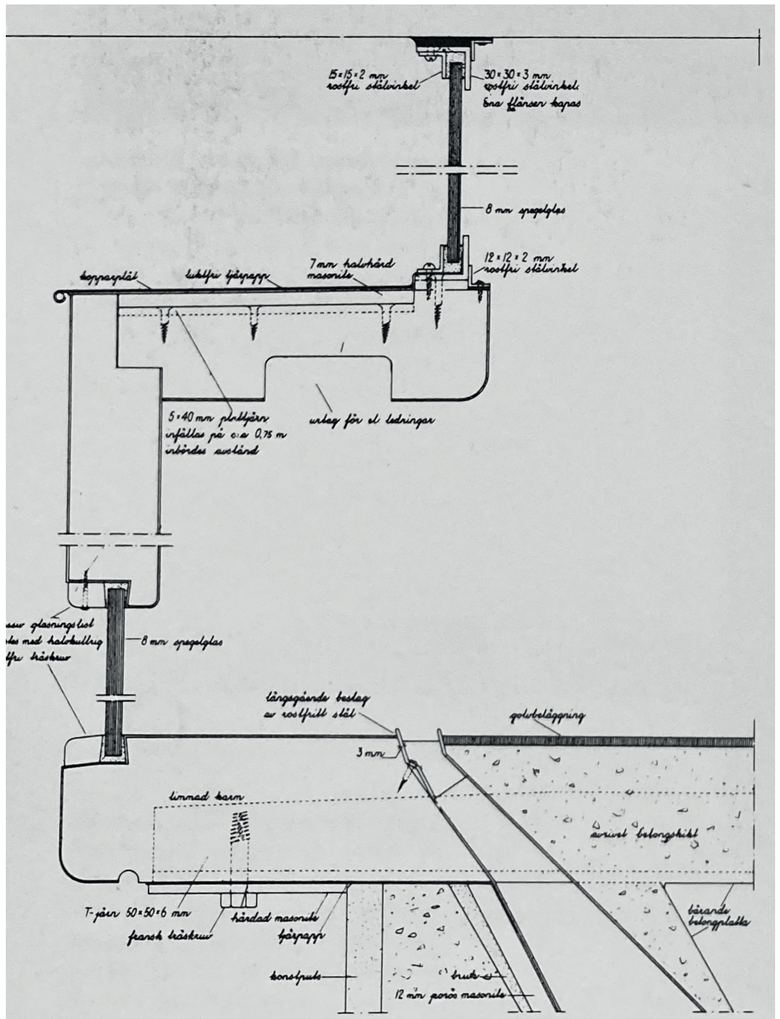
alm. muranker

Kjærgaard, P. (1949), *Nyt Nordisk forlag*



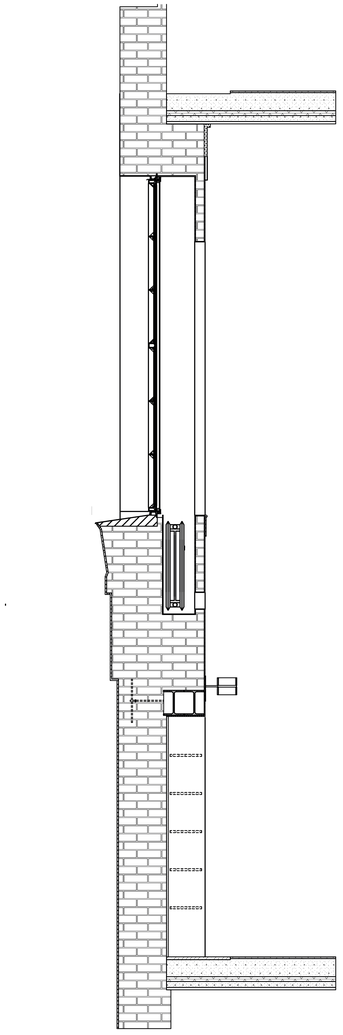
Mr. Asplund's skill in the use of rein
forced concrete is demonstrated in the
main stairway of the Bredenberg store
which rises through the three main sale
floors. By a careful study of his rein
forcing (above), he has entirely elim
inated the usual stringer, making
cantilever of the entire flight, with riser
and treads serving as stiffener. Notic
the section of columns and the lighte
show cases instead of balustrades.

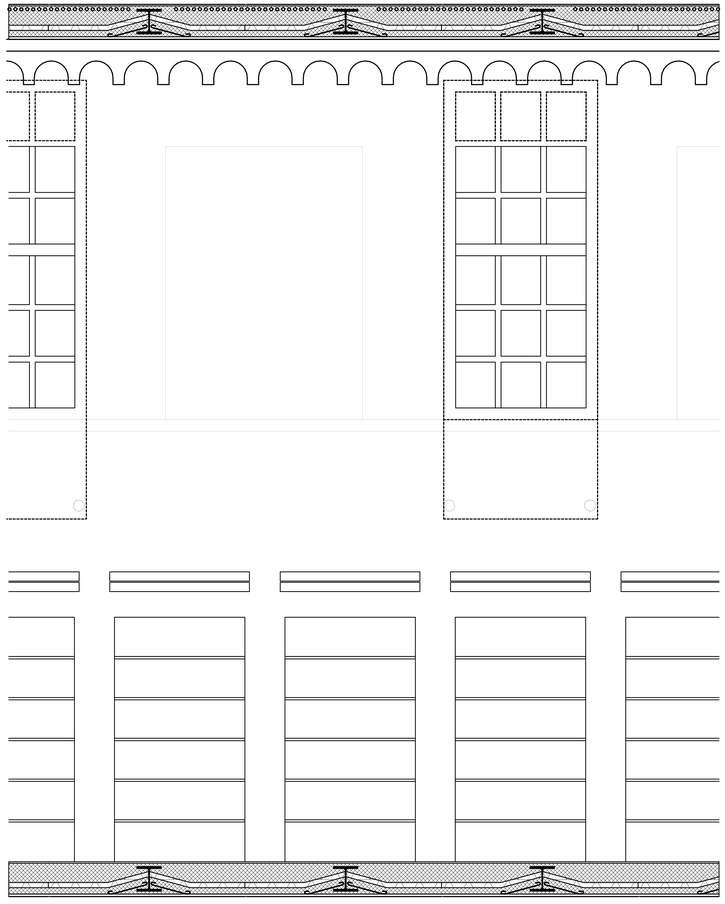
Architectural Record, 1938



N.D.

Re-establish No places to support the wall

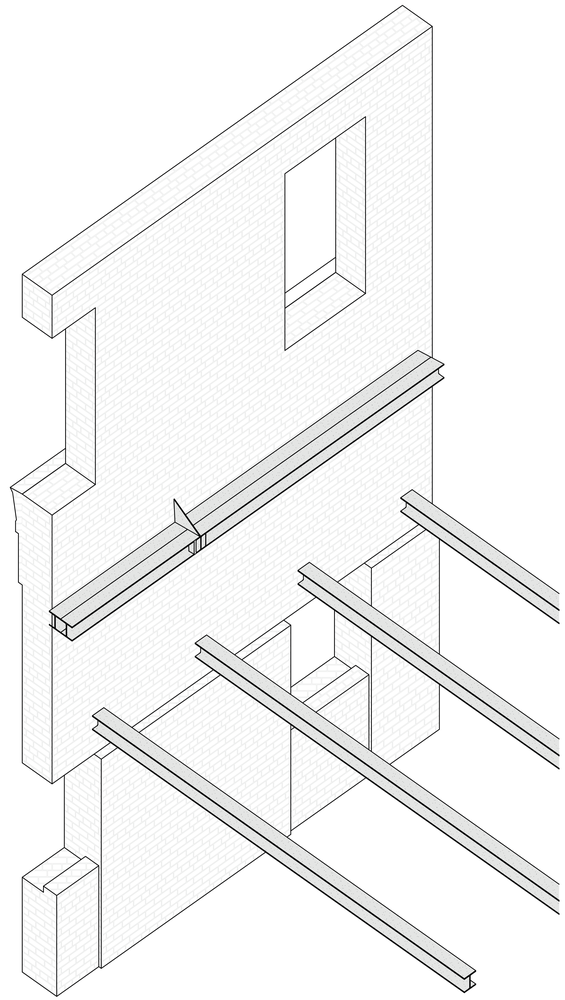




READING HALL 1:20

1:40

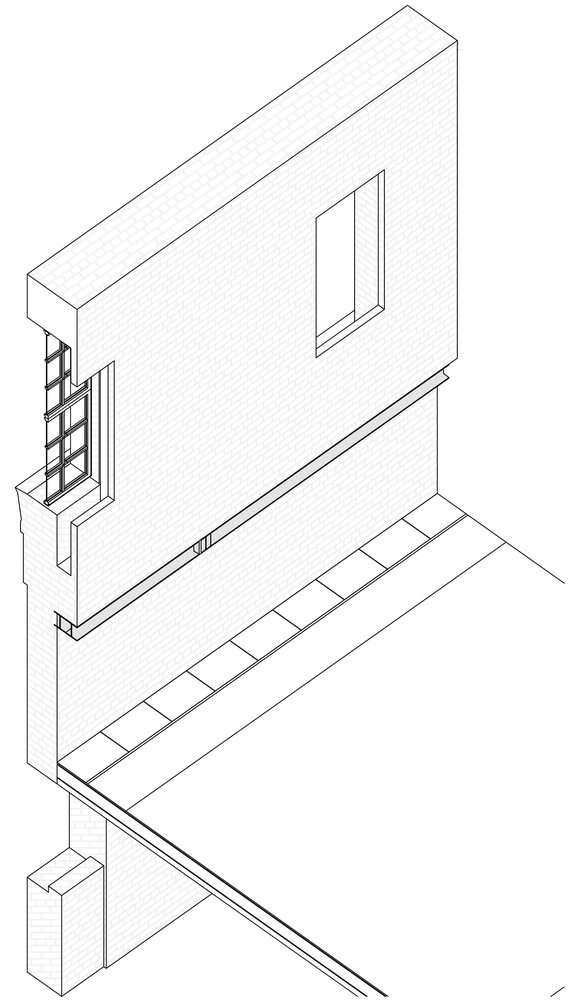
Re-establish Conclusion of wall build up



02

1:50

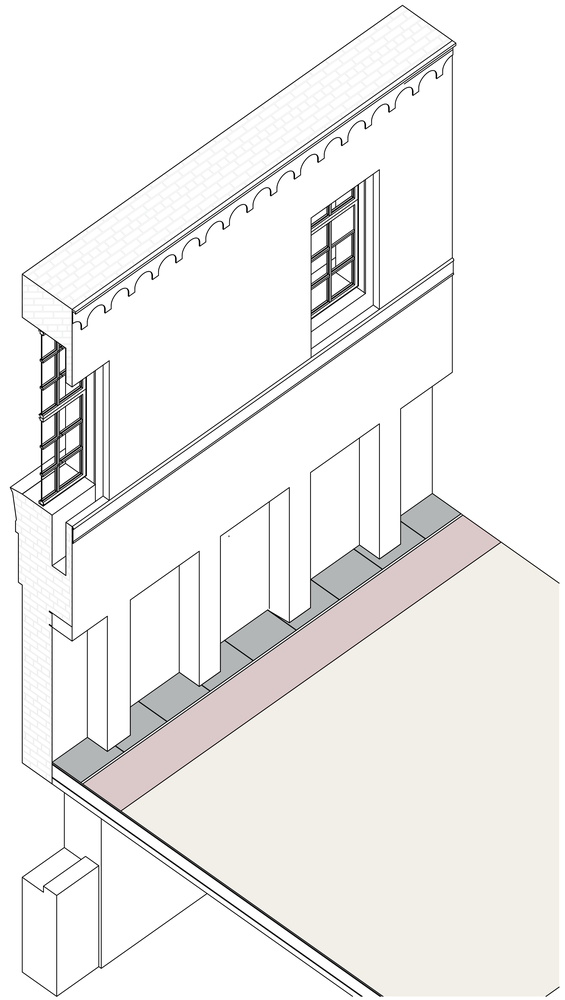
Re-establish A corbelling structure



03

1:50

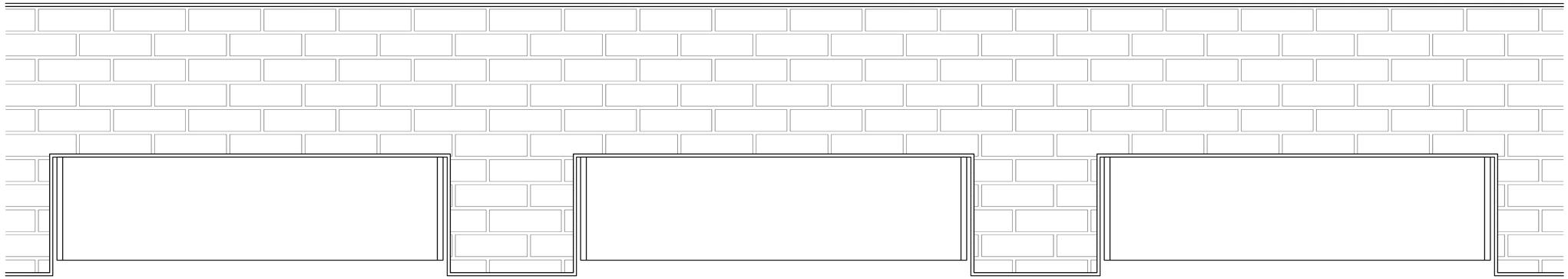
Re-establish Conclusion of wall build up



04

1:50

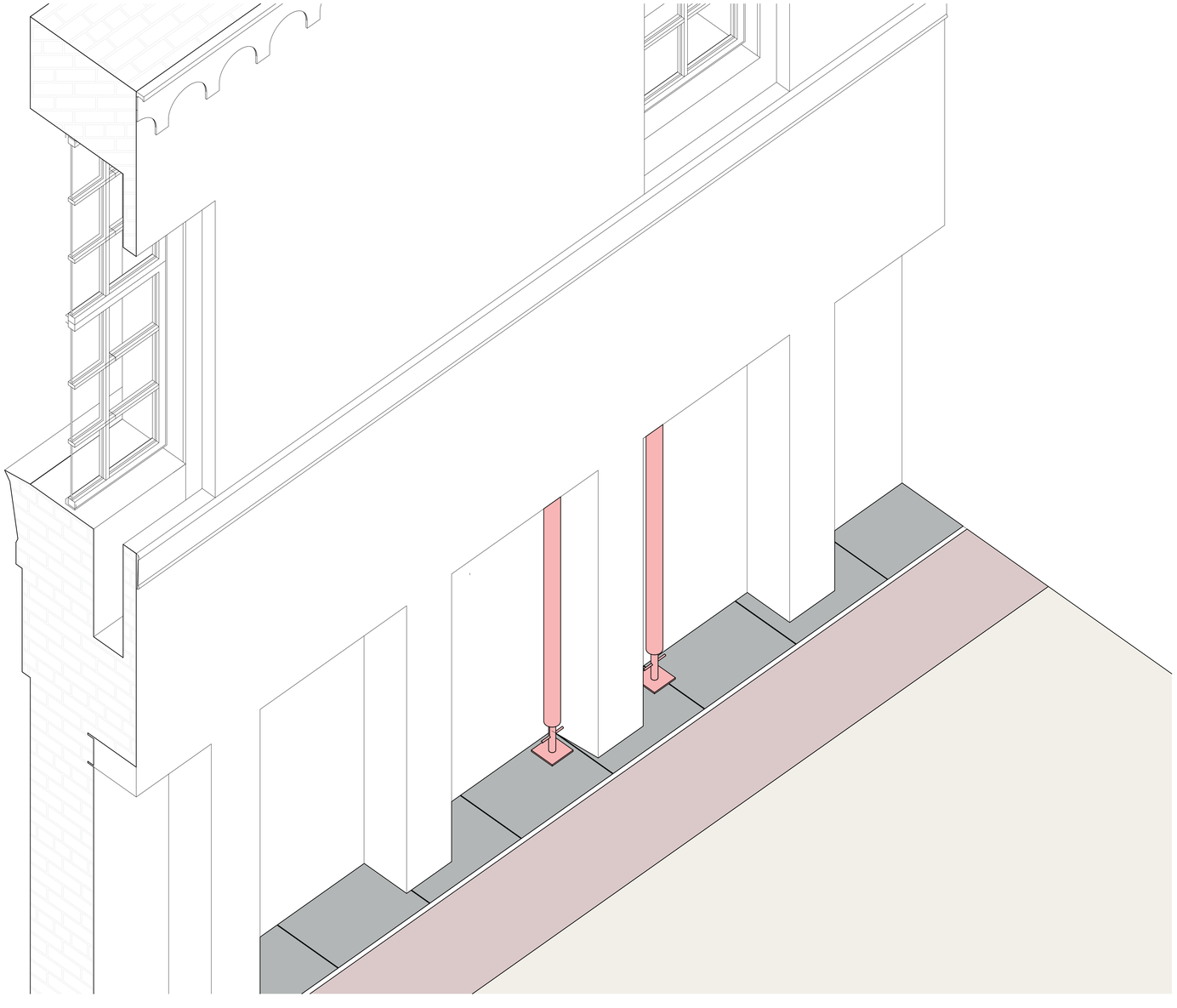
Re-establish Space for improvement



READING HALL 1:20

1:10

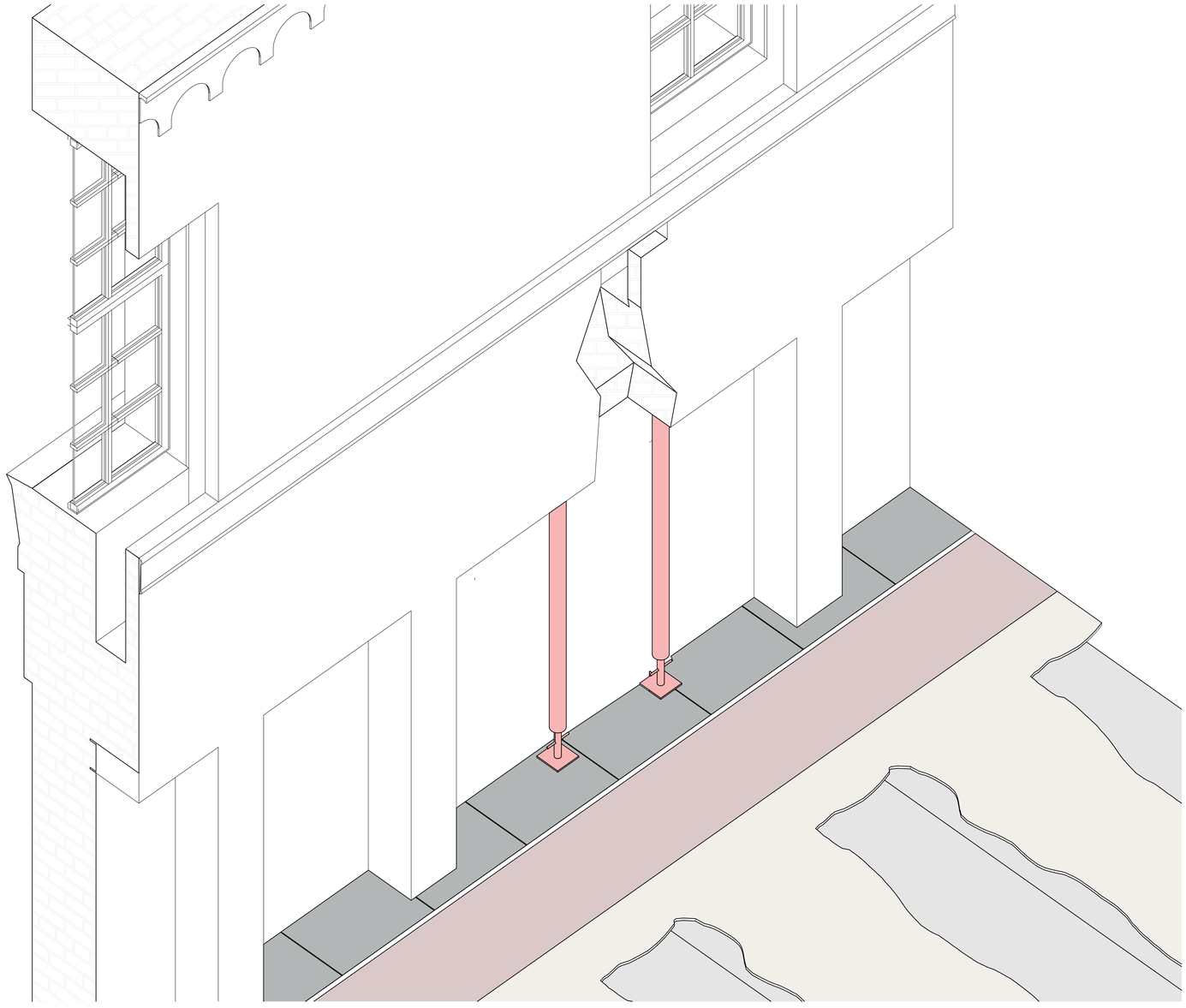
Re-establish support the cantilever



05

1:20

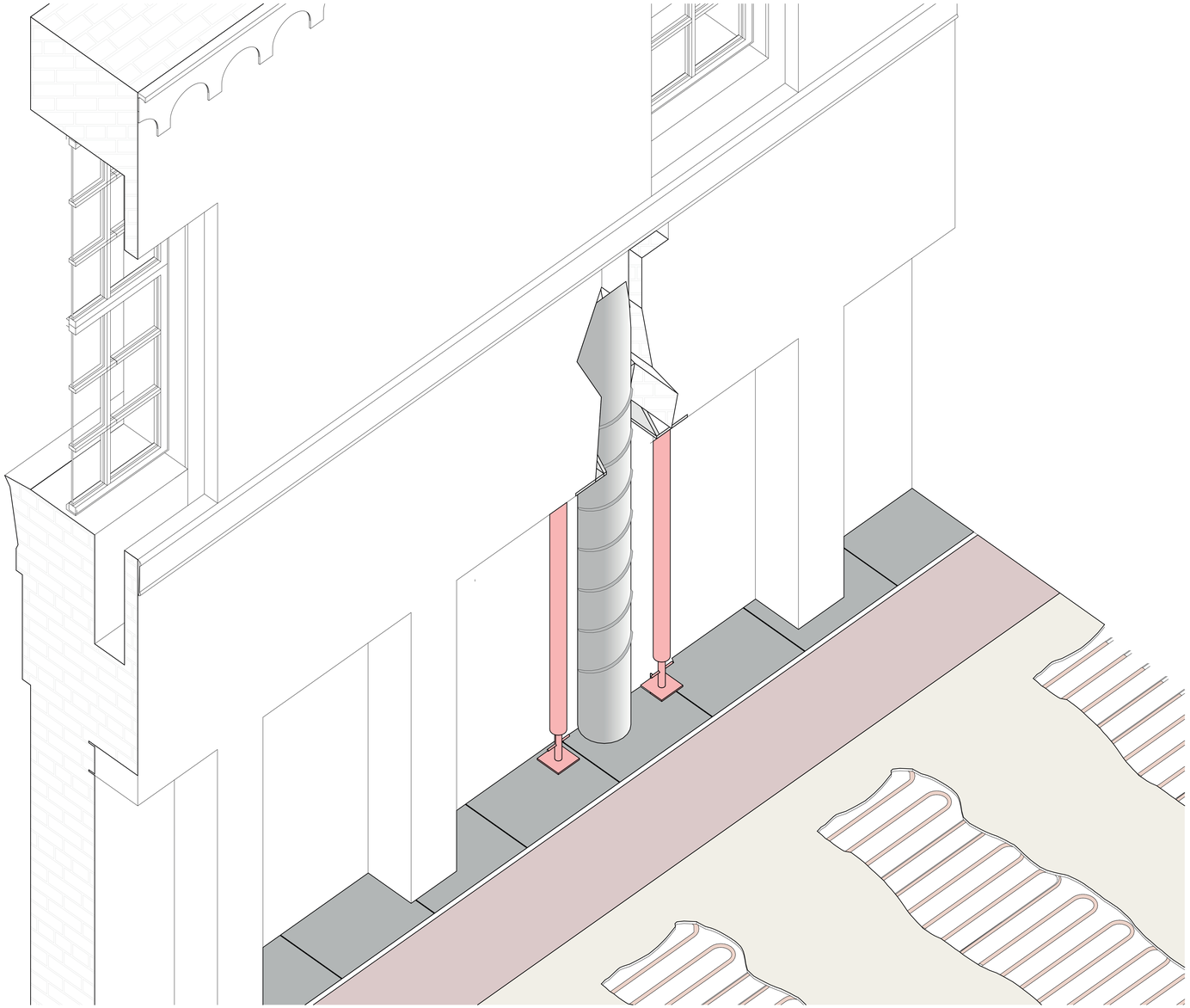
Re-establish Making space for the new ventilation



06

1:20

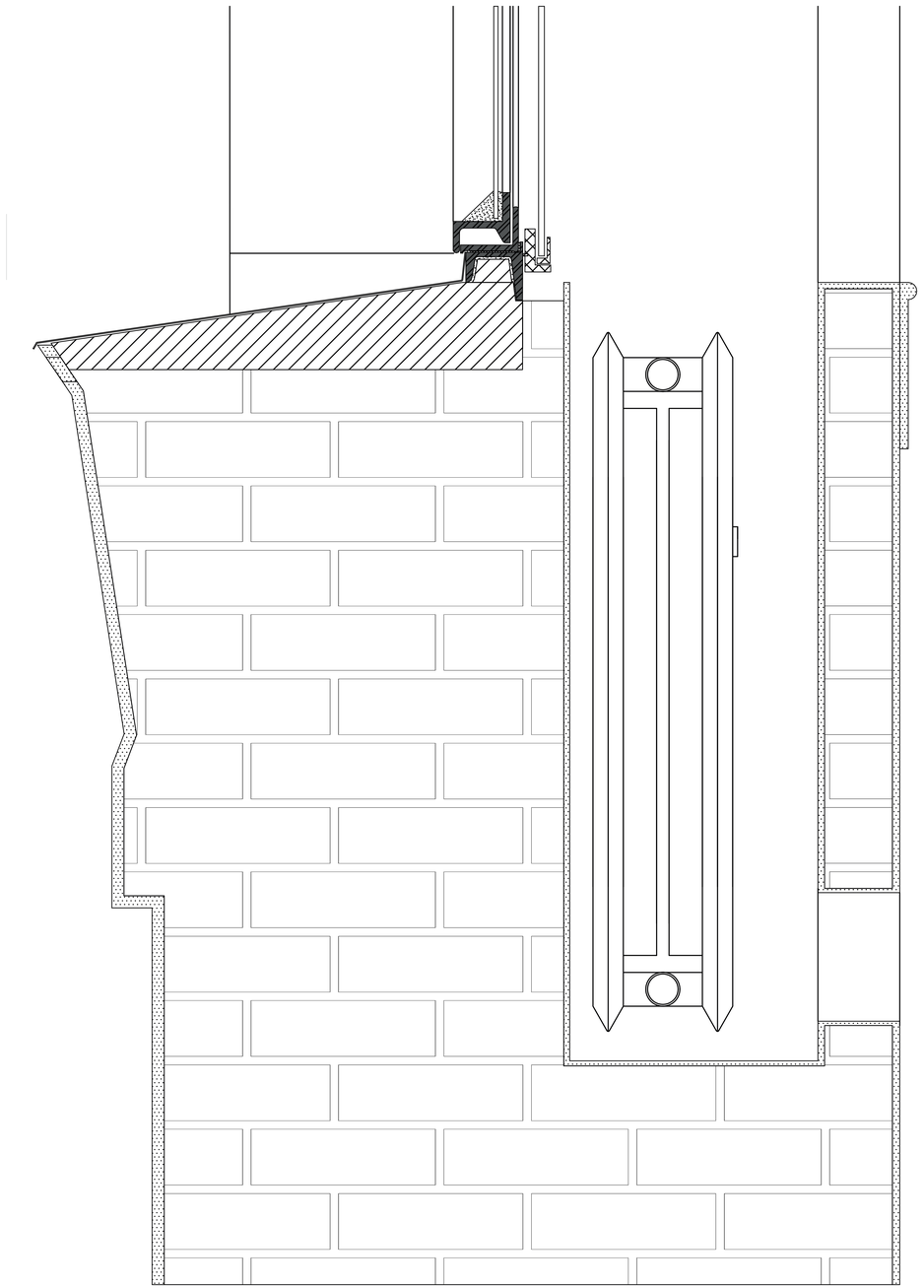
Re-establish Placing new floor heating



07

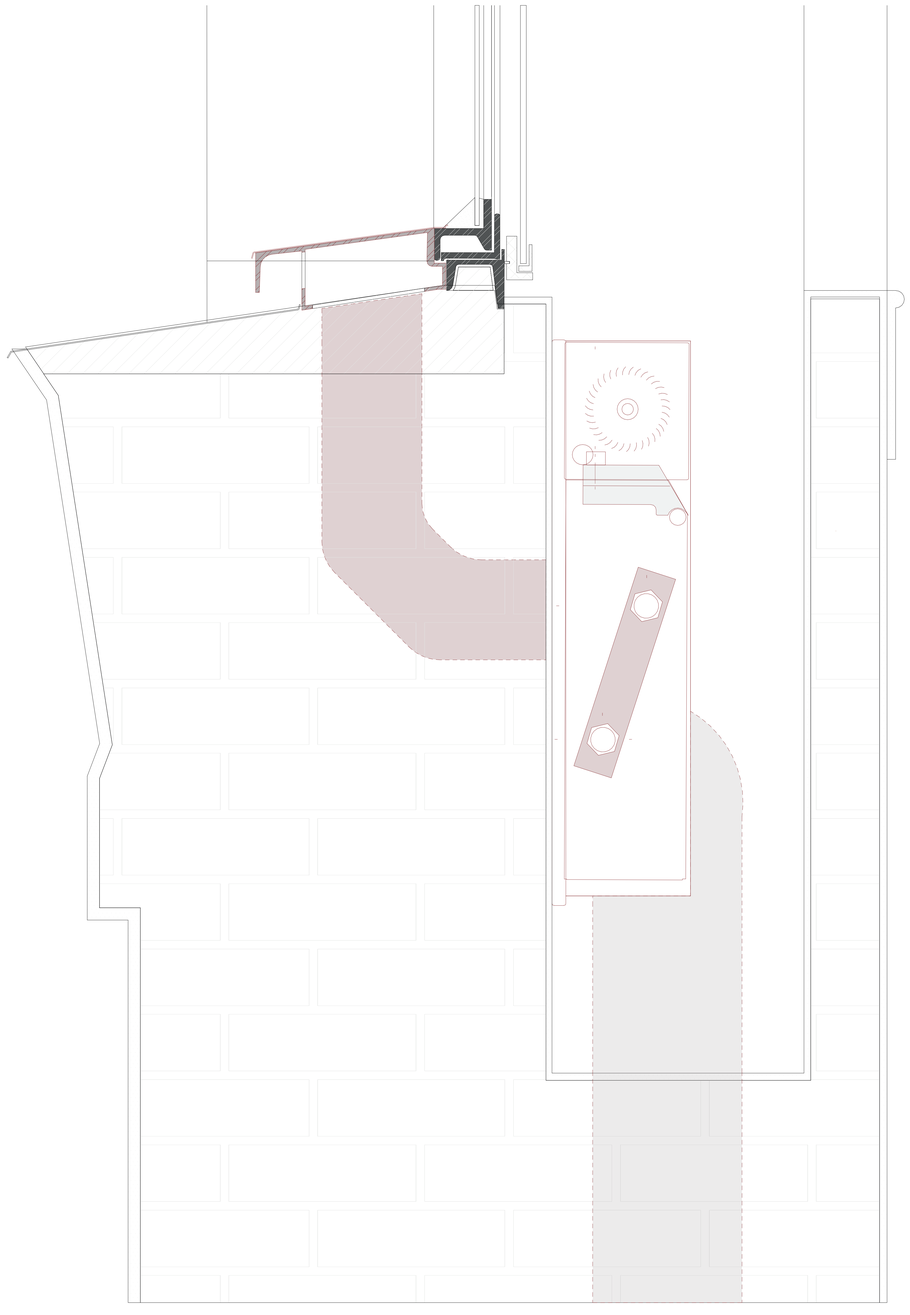
1:20

Re-establish Existing 1:5



READING HALL 1:5
existing
1:5

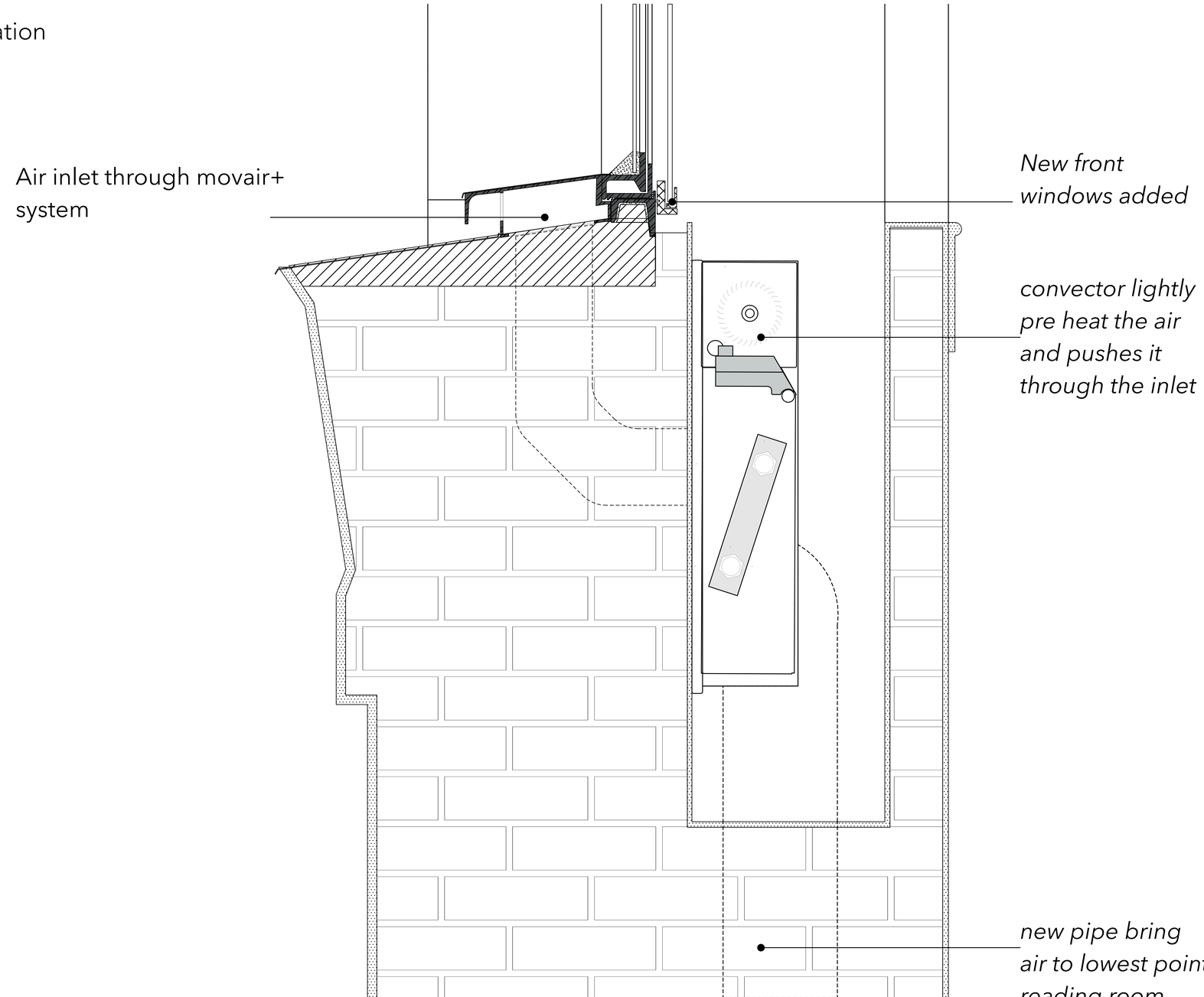
Re-establish intervention



READING HALL 1:5 new

1:5

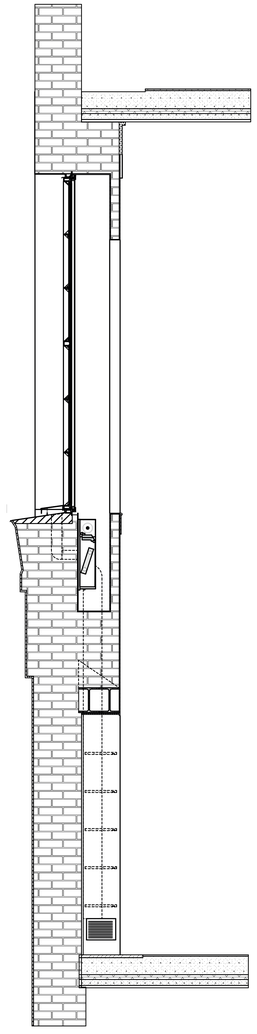
Re-establish Explanation

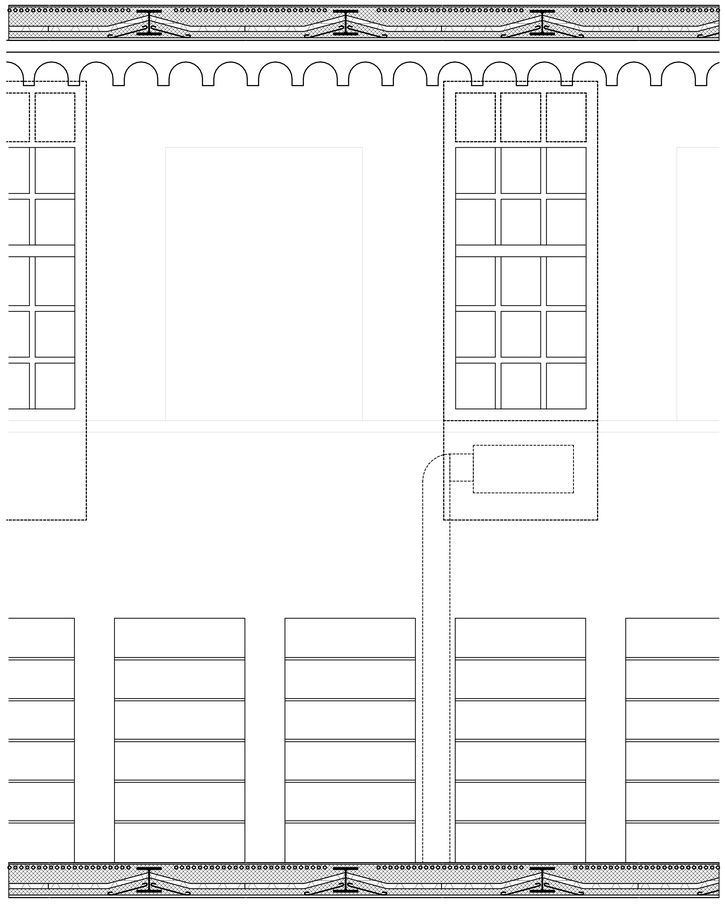


READING HALL 1:5

1:5

Re-establish New wall build up



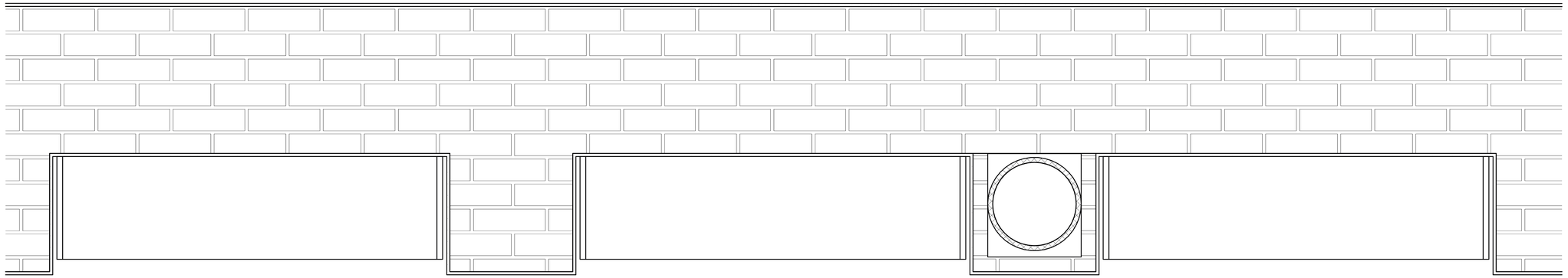


READING HALL 1:20

new

1:40

Re-establish a new “ventilation Column”



READING HALL 1:20

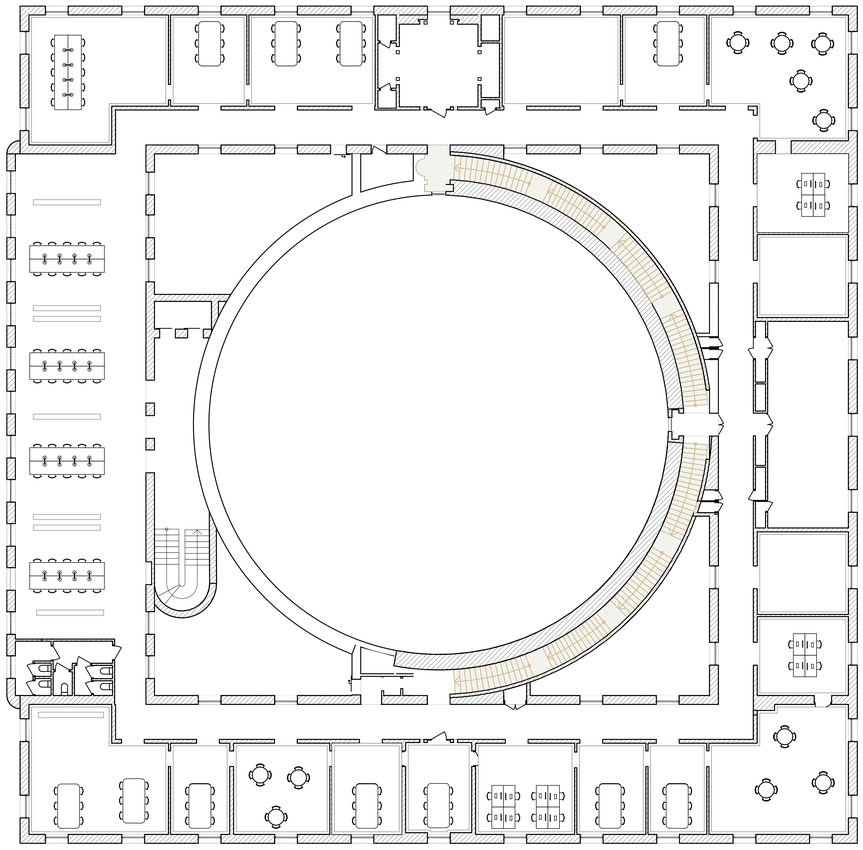
new

1:10


U Naturvetenskap
07
08
09
010
011
012
Lenovo
Nd-Ny



Re-establish Reopen the top floor



RENEWED RENEWED
STAIRS

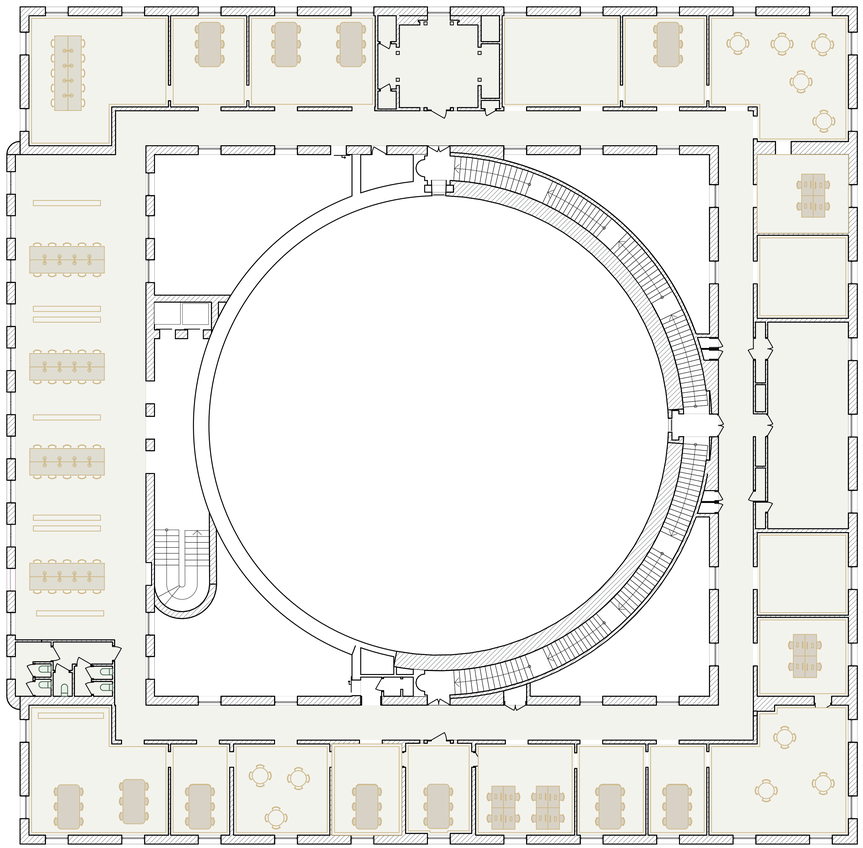
1:250

Re-establish entry to the top floor



Luciano, C. ;Van der Bogert, J.Y.;
Flaus, J.; Pilecki, A. (2023)

Re-establish A renewed program



fresh office

1:250

Build forth P1 proposal for the top floor



Re-establish Current hallway top floor



Re-establish A new top floor

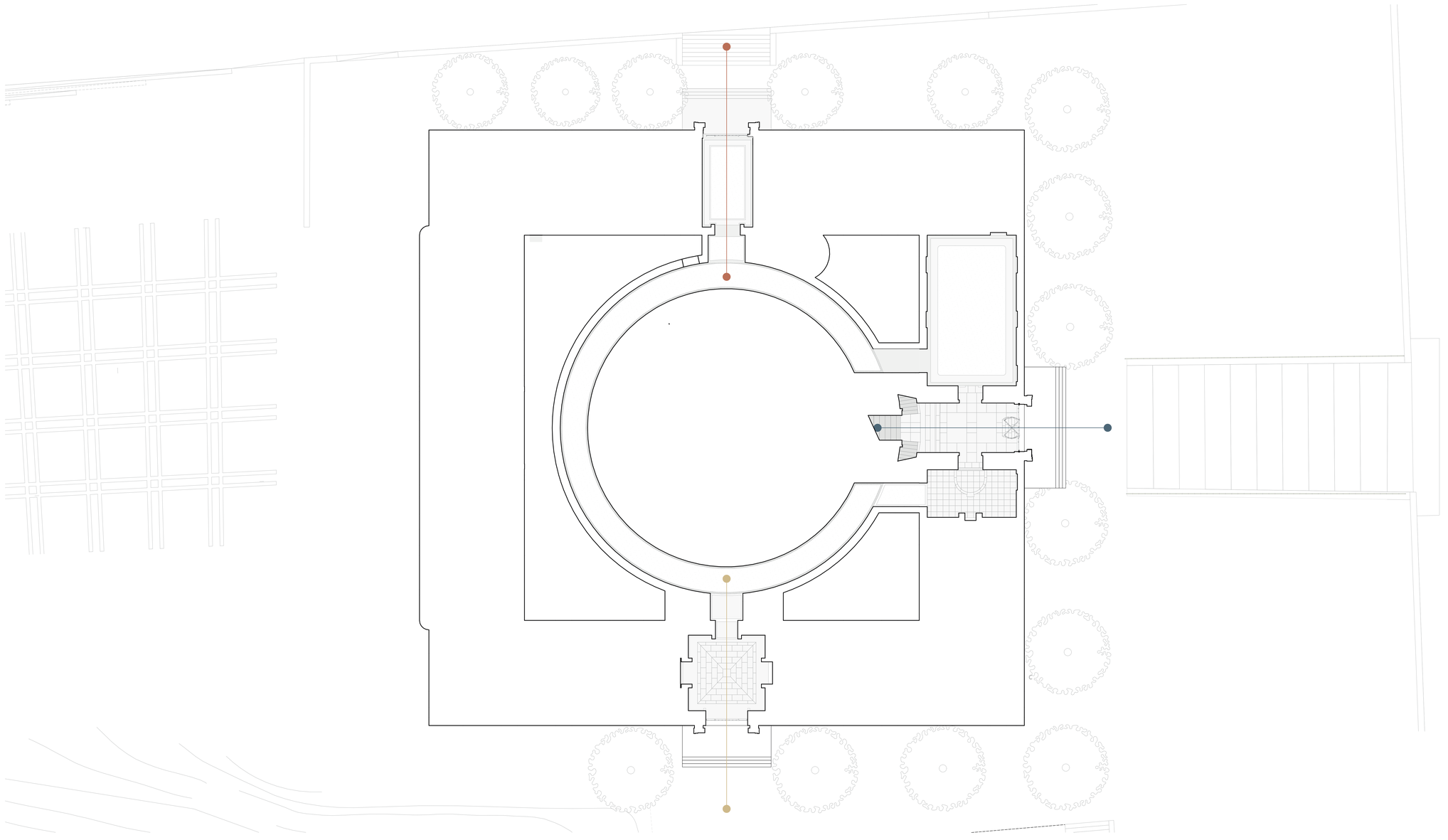


Build-forth


MILITAIREN KLEEDING
TOKKEKHOF
JACK MANDAG
ERK 2567
JH KLOOS
OPKOPER
LOMPEN
EN METALEN.

Build-Forth

3-axis of the original library

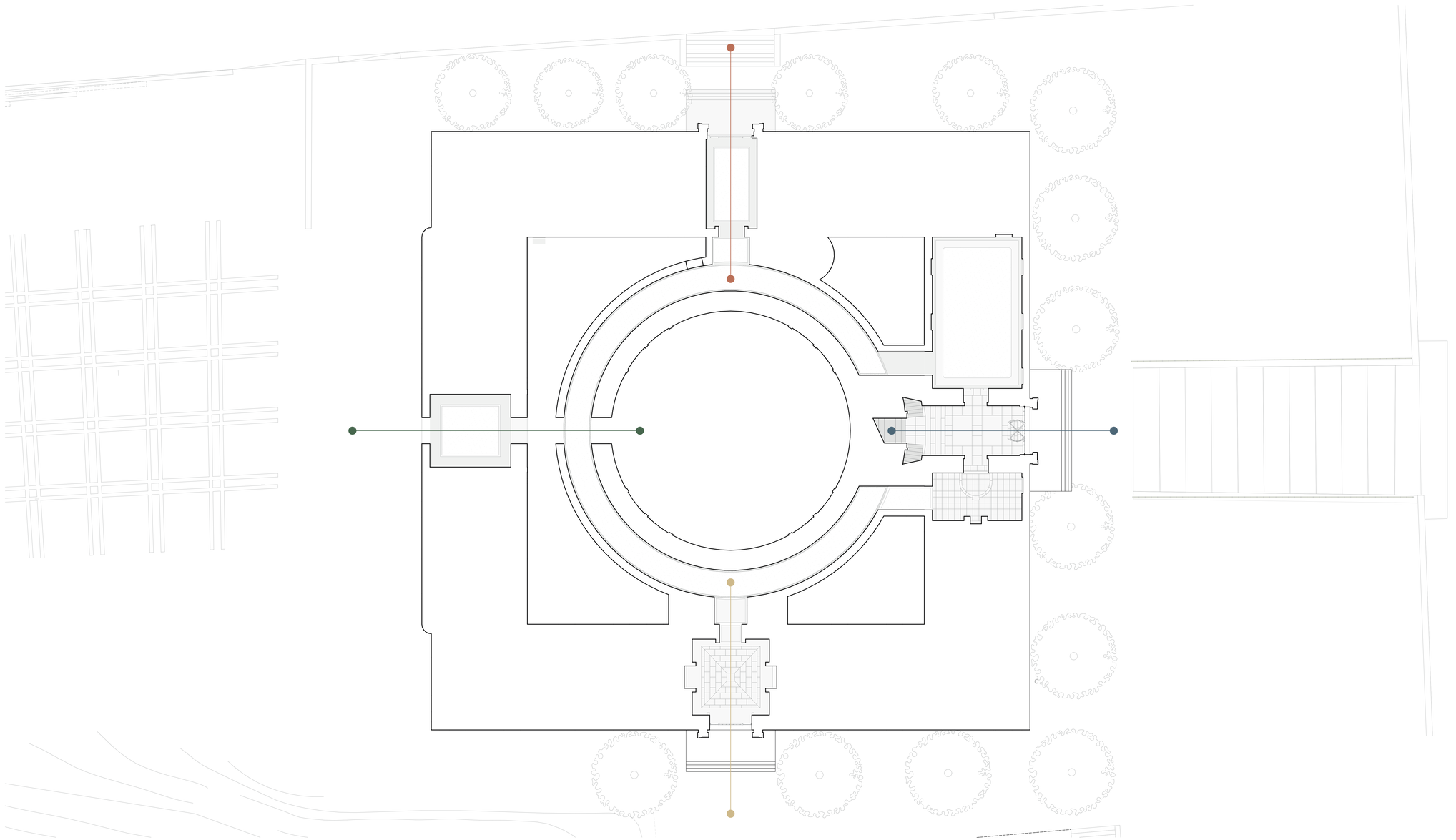


3 AXIS, CIRCULATION
(2)

1:250

Build-forth

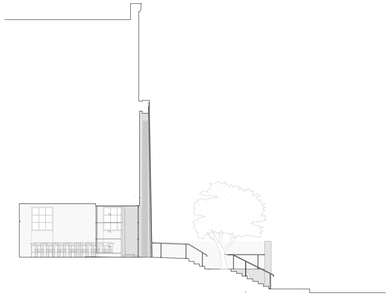
Constructing 4-axis



4 AXIS, CIRCULATION
(2)

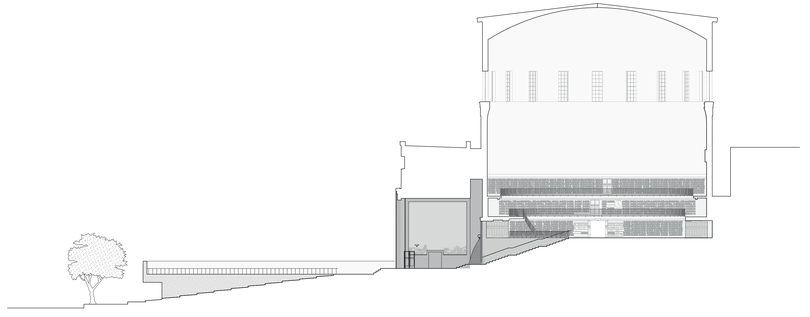
1:250

Build forth the three existing entrance sequences





section newspaper
entry
1:100

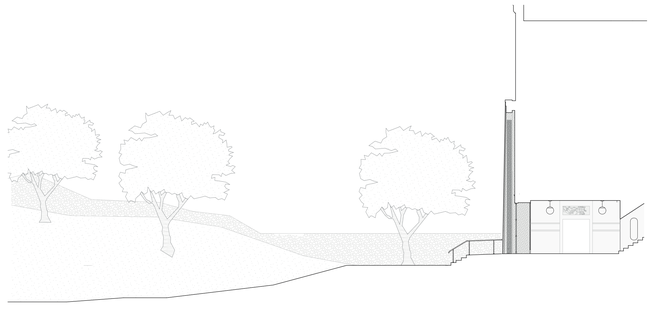




section asplund entry
1:200



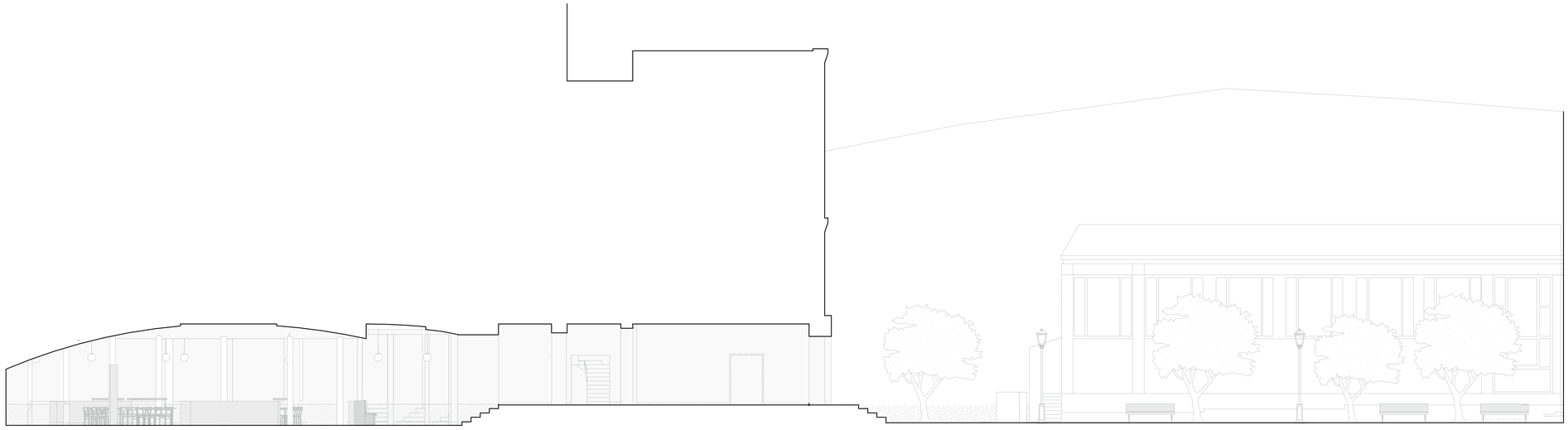
section new
1:150

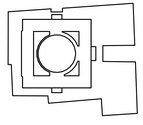




section children library
1:100

Build forth the new entrance sequence



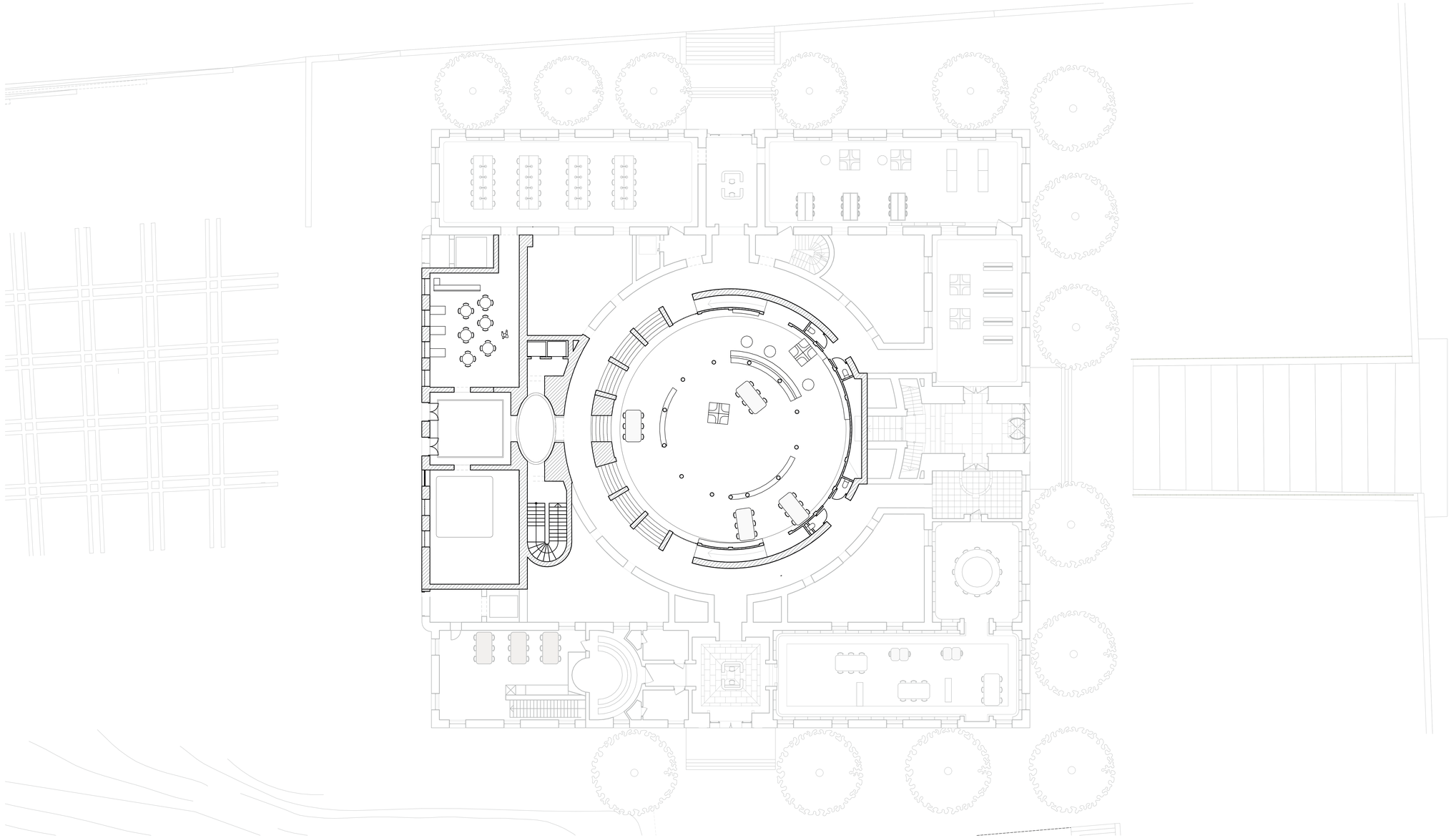


section new

1:150

Build forth

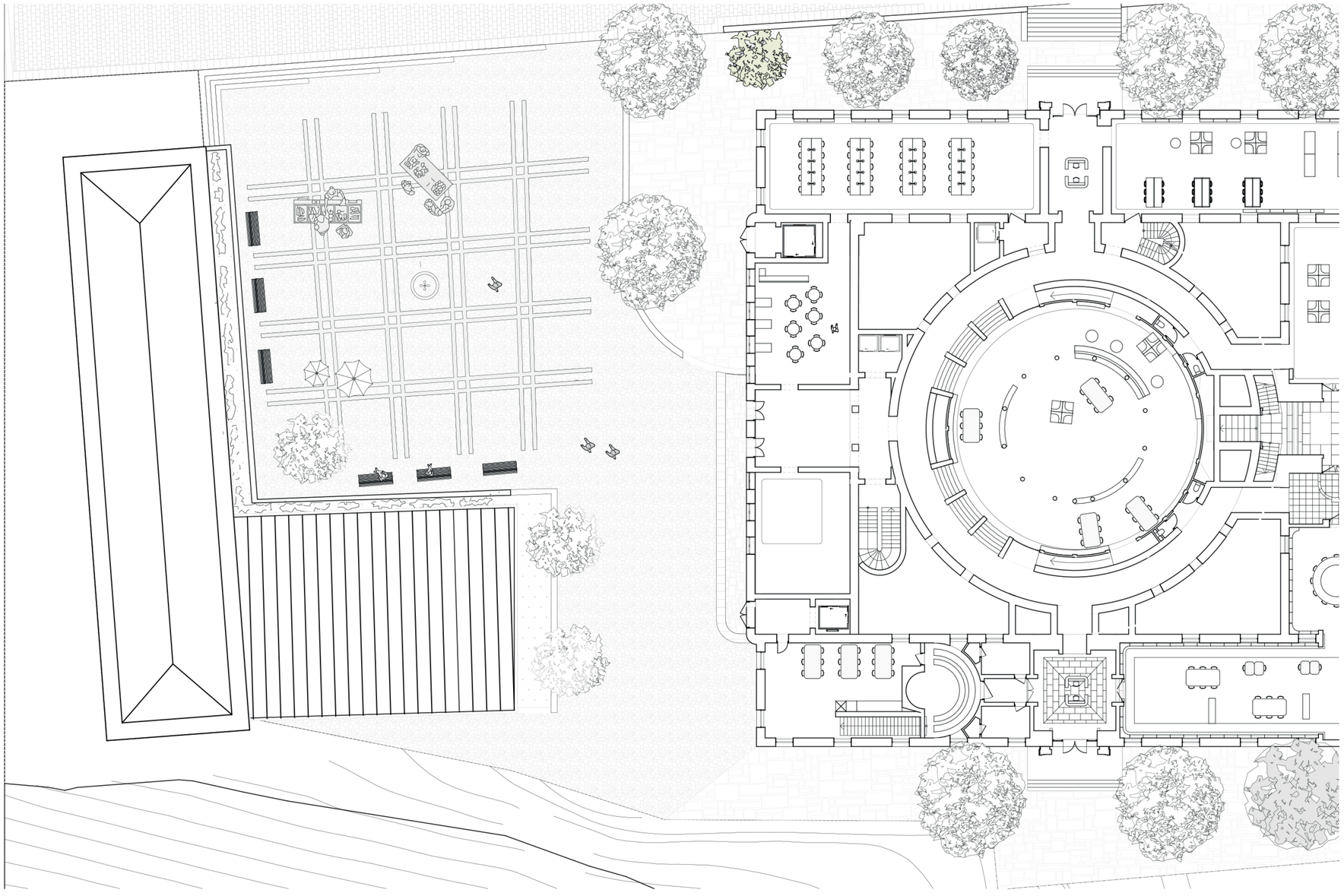
proposed program



NEW 4 EMPTY,
CIRCULATION (1),
CIRCULATION (2)

1:250

Build forth A new public Interior



BACKDOOR

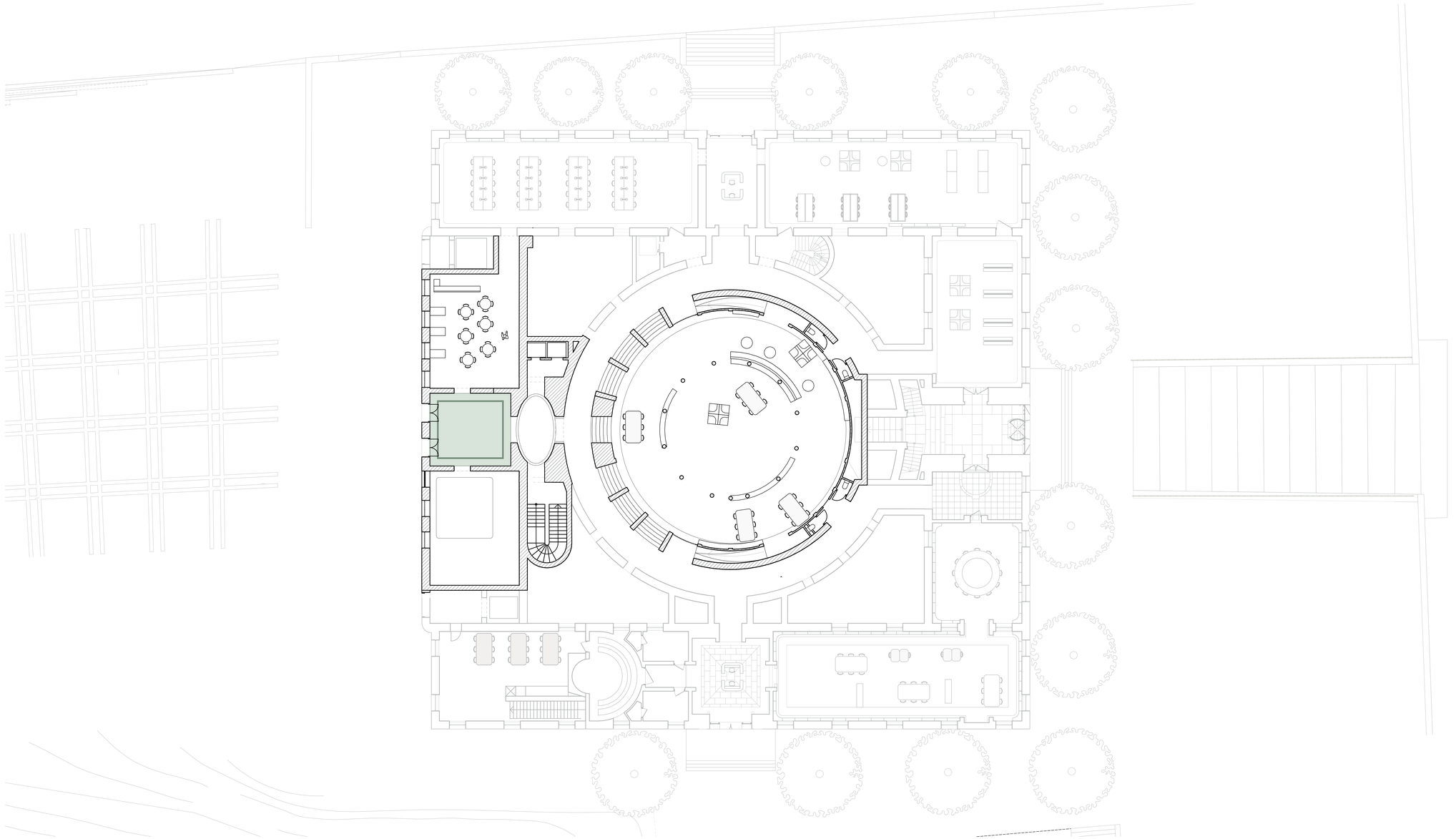
1:250




bibliotek


bibliotek

Build forth A new entrances to a social connector



NEW 4 ENTRANCE,
CIRCULATION (1),
CIRCULATION (2)

1:250

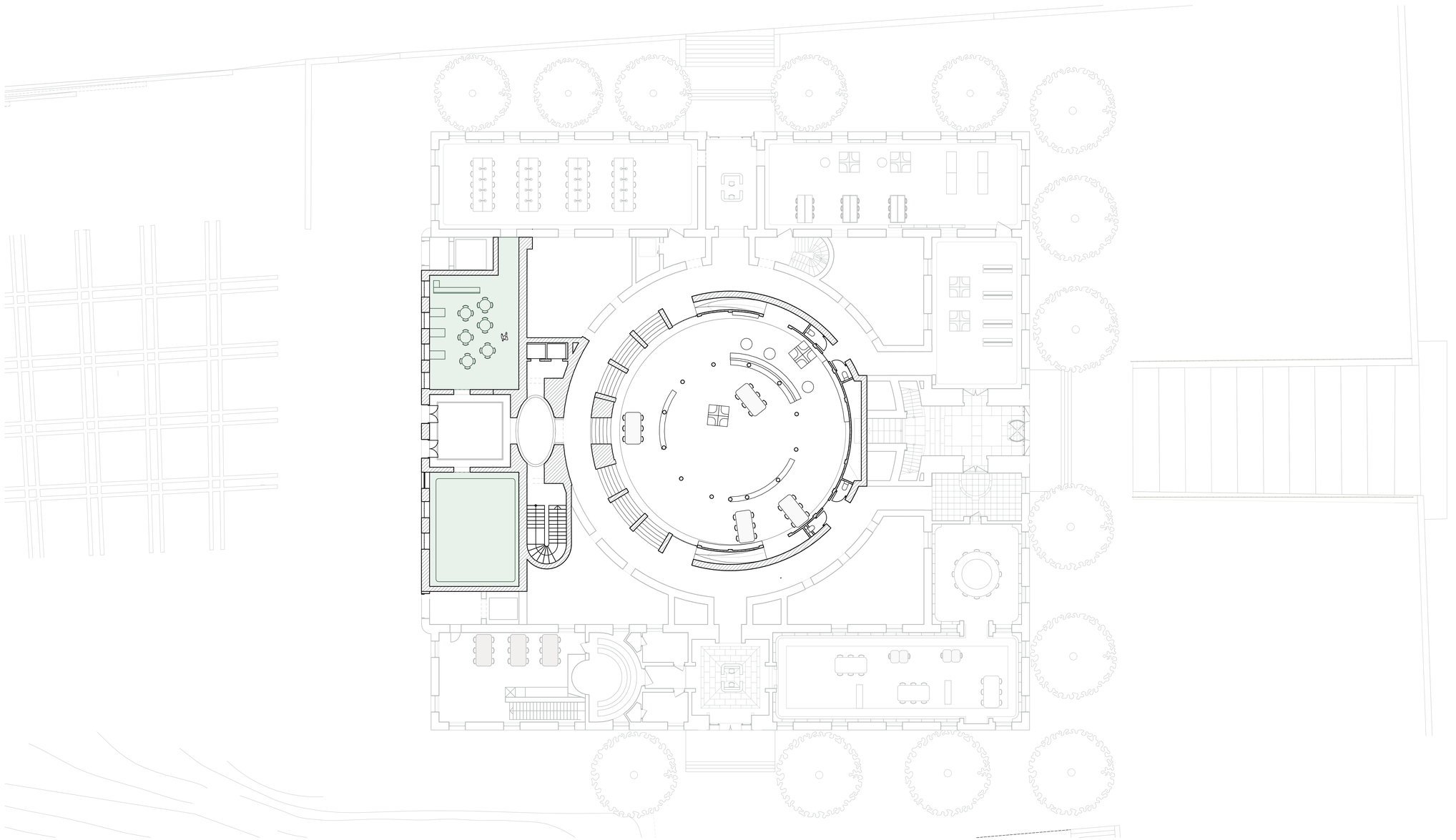
Build forth

A new vestibule



Build Forth

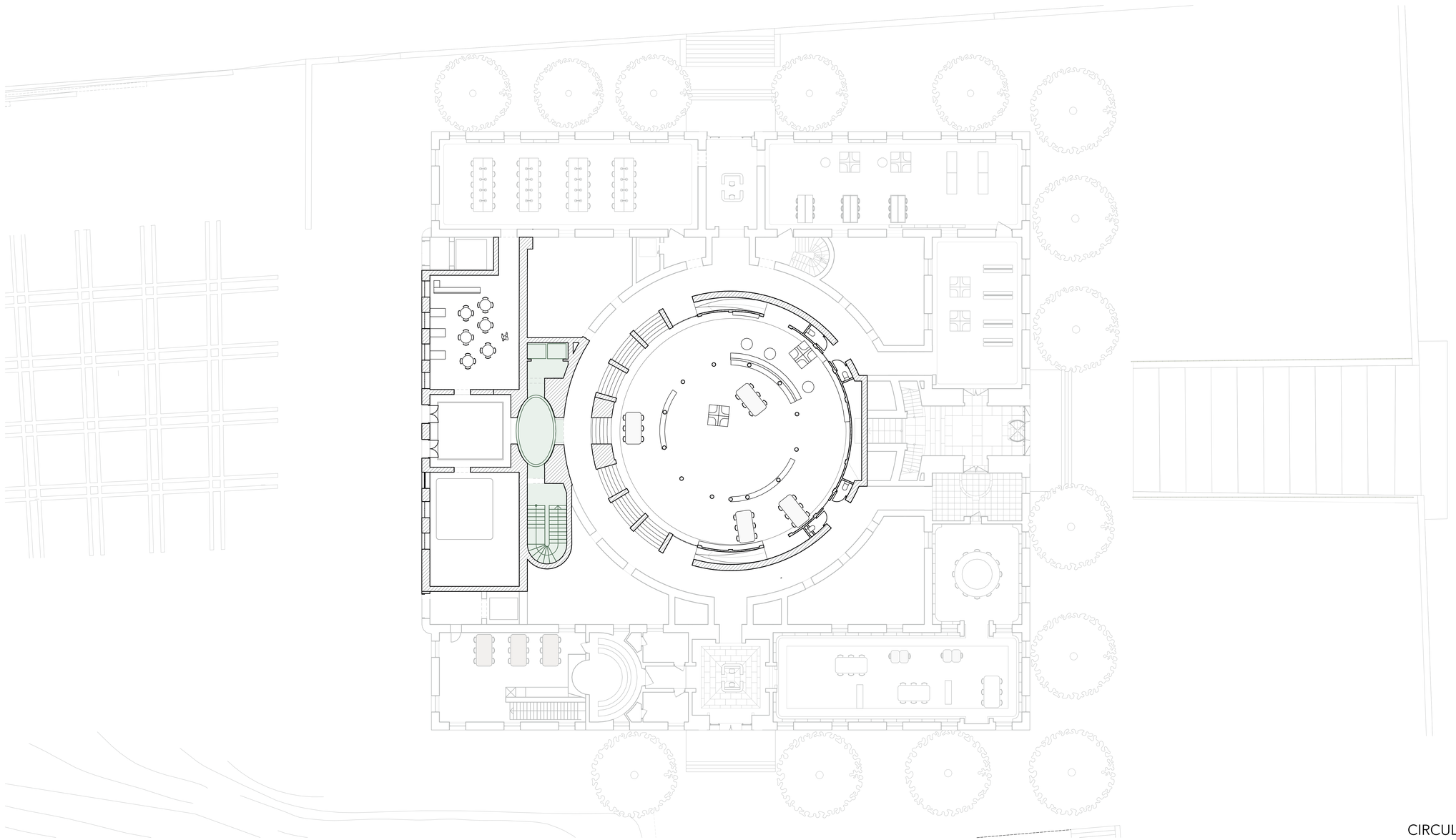
Proposed cafe and lecture room



CIRCULATION (1), NEW
4 CAFE, CIRCULATION
(2)

1:250

Build forth Add a vertical circulation



CIRCULATION (1), NEW
4 VERTICAL
CIRCULATION,
CIRCULATION (2)

1:250

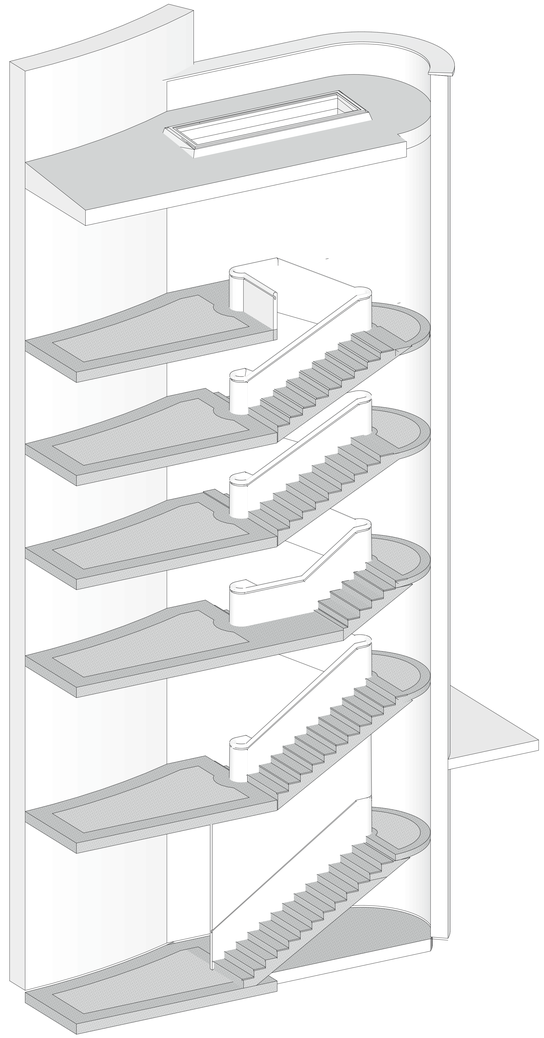
Build forth

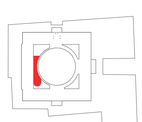
A connecting volume



Build forth

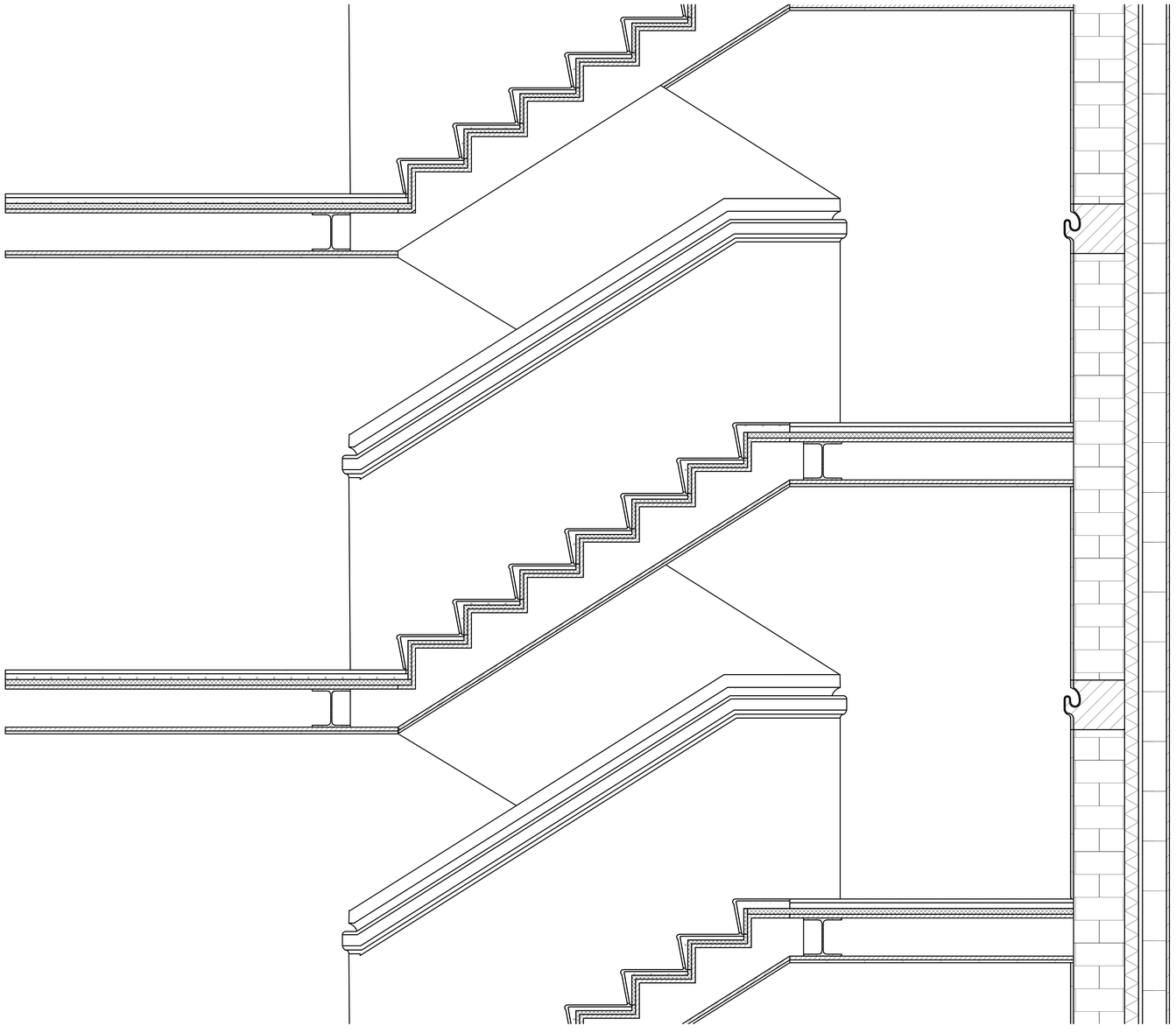
axo of the new vertical circulation





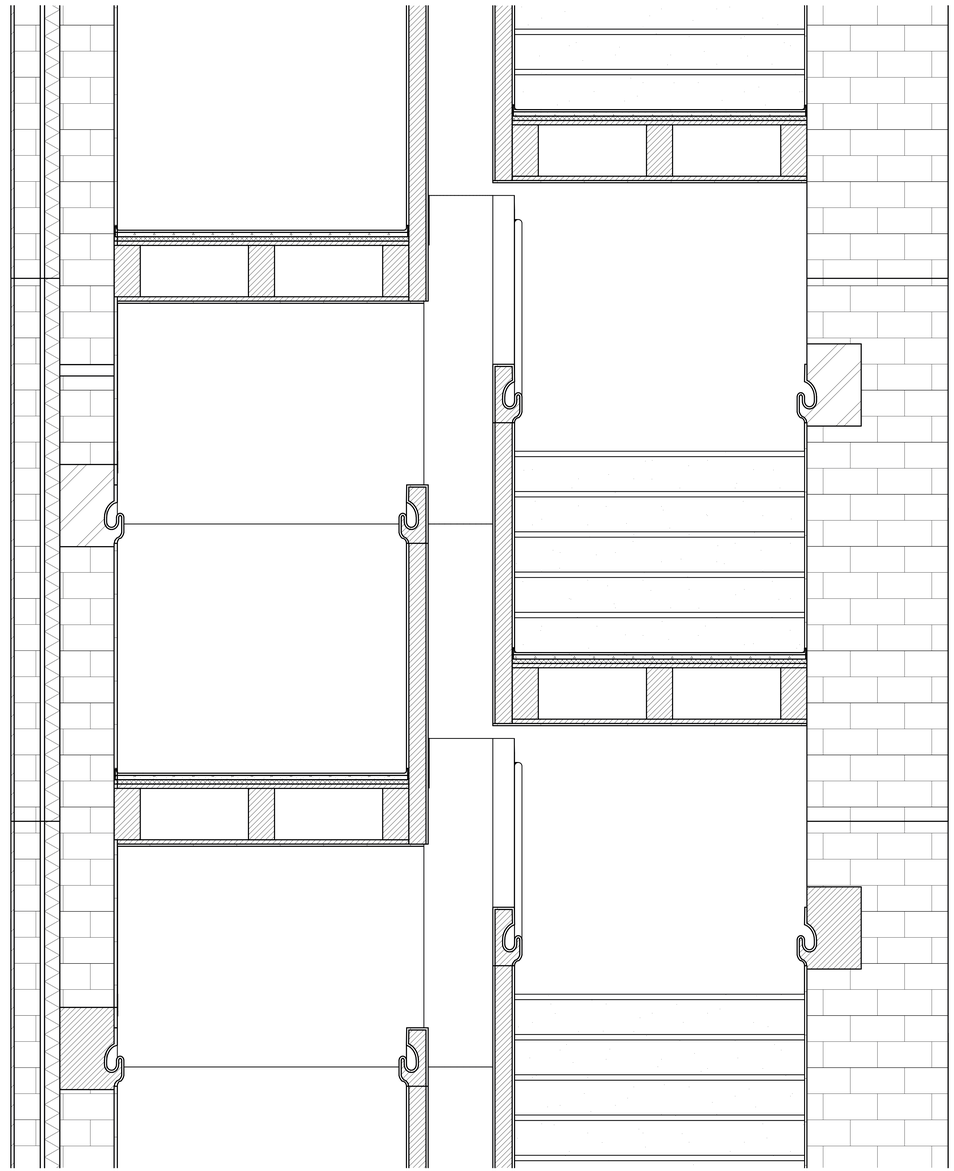
trappenhuis axo

1:759,50



DOORSNEDE
TRAPPENHUIS 1

1:20

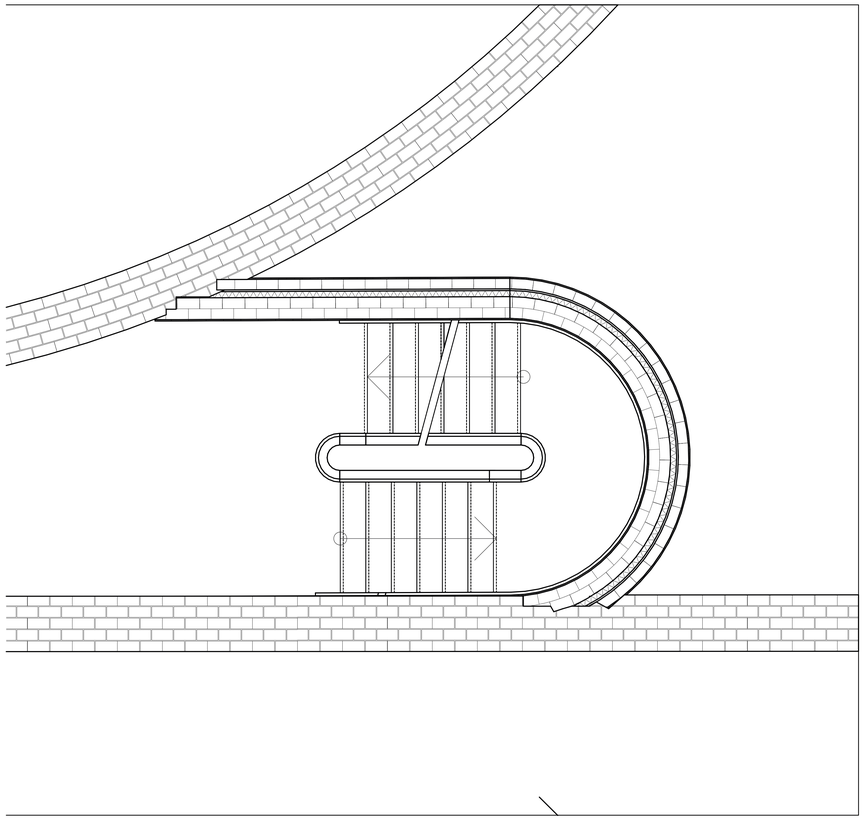


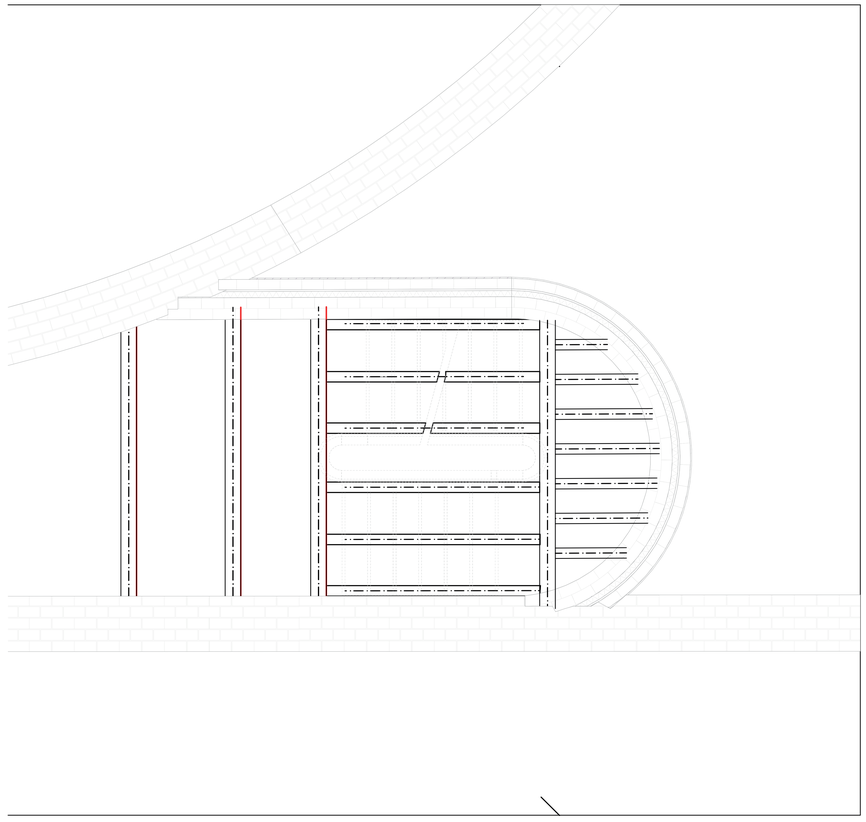
DOORSNEDE
TRAPPENHUIS 2

1:20

Build forth

Construction staircase

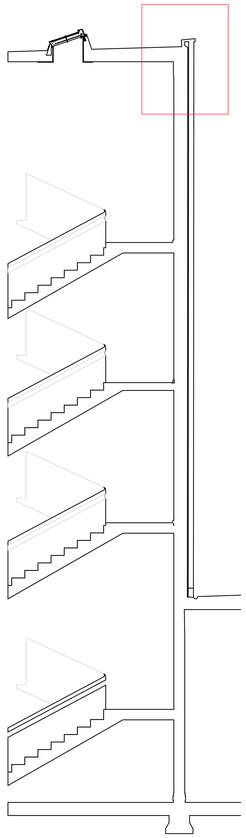


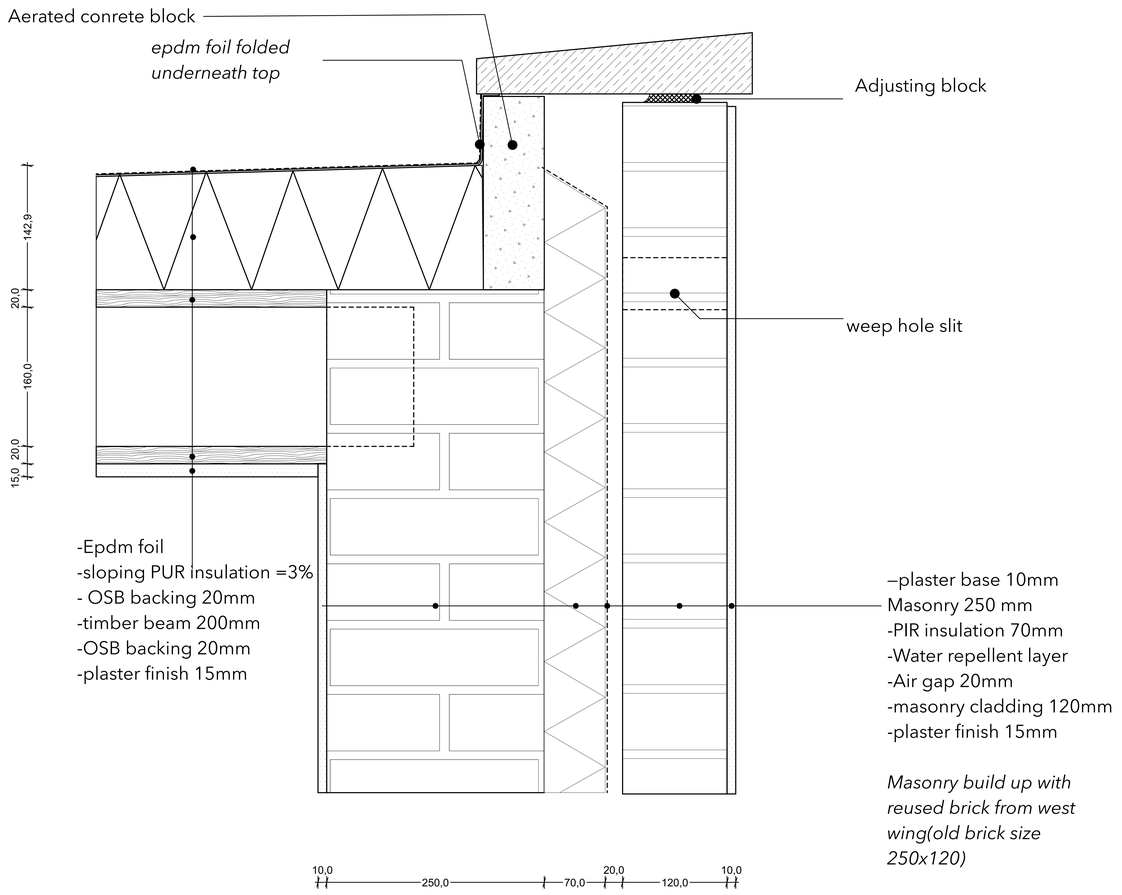


plg TRAPPENHUIS , plg
TRAPPENHUIS dc

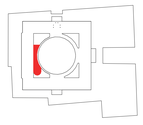
1:50

Build forth 1:5 detail





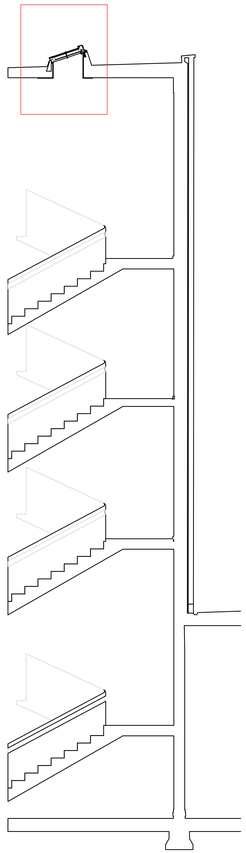
Masonry build up with reused brick from west wing(old brick size 250x120)

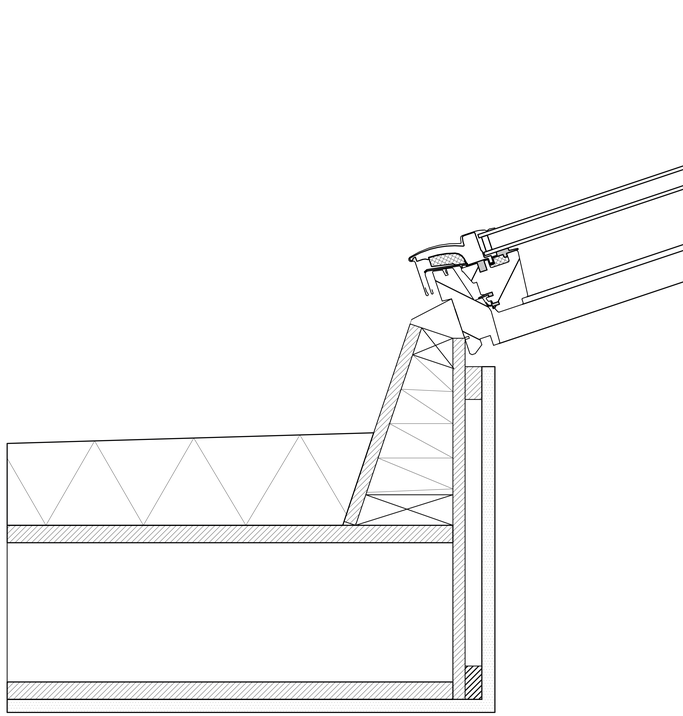


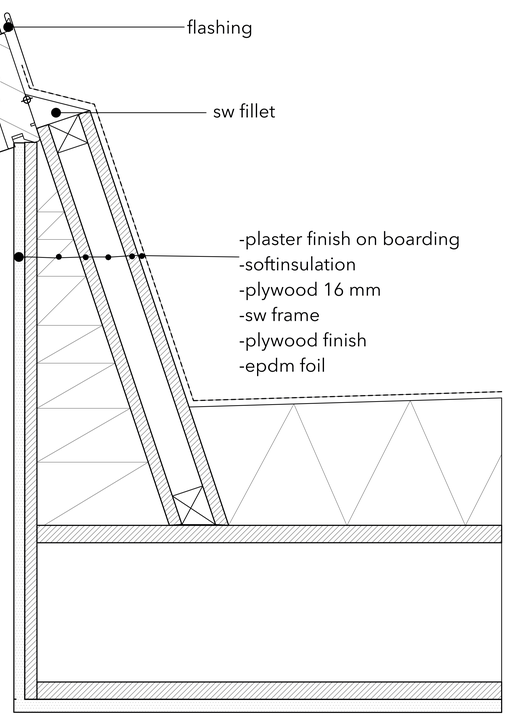
DAK, BC TRAPPENHUIS
1:20

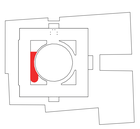
1:5, 1:100

Build forth 1:5 detail





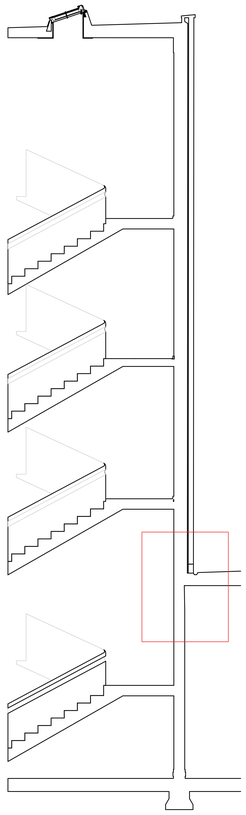


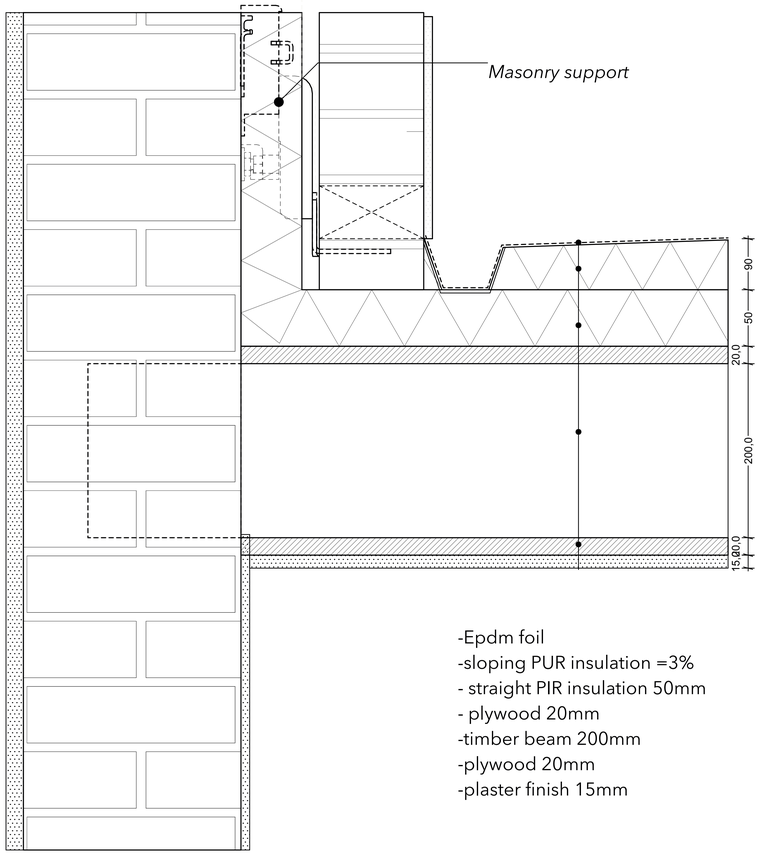


DAKRAAM, BC
TRAPPENHUIS 1:20

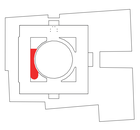
1:5, 1:100

Build forth 1:5 detail





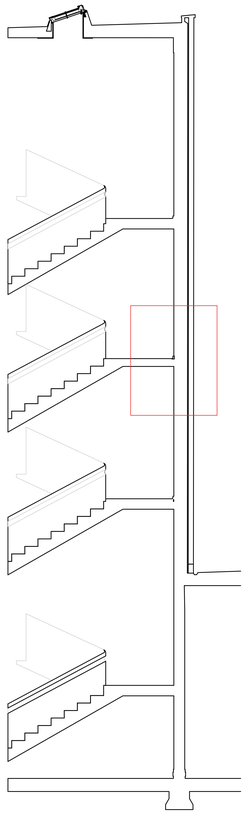
-Epdm foil
-sloping PUR insulation =3%
- straight PIR insulation 50mm
- plywood 20mm
-timber beam 200mm
-plywood 20mm
-plaster finish 15mm

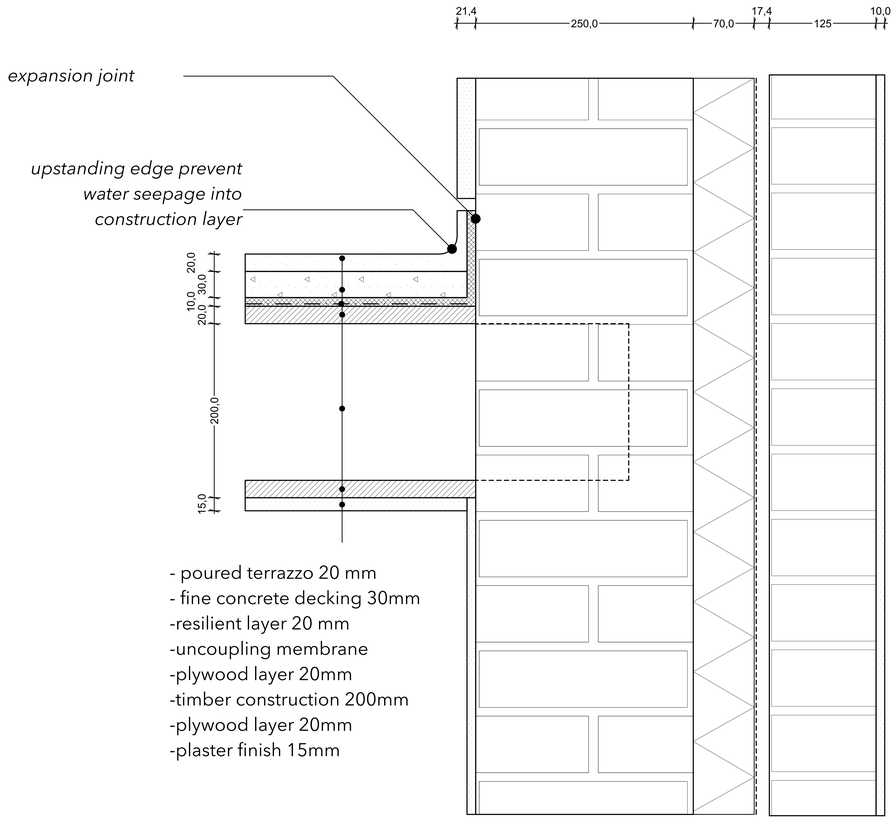


DAKVOET, BC
TRAPPENHUIS 1:20

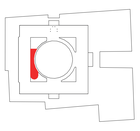
1:5, 1:100

Build forth 1:5 detail





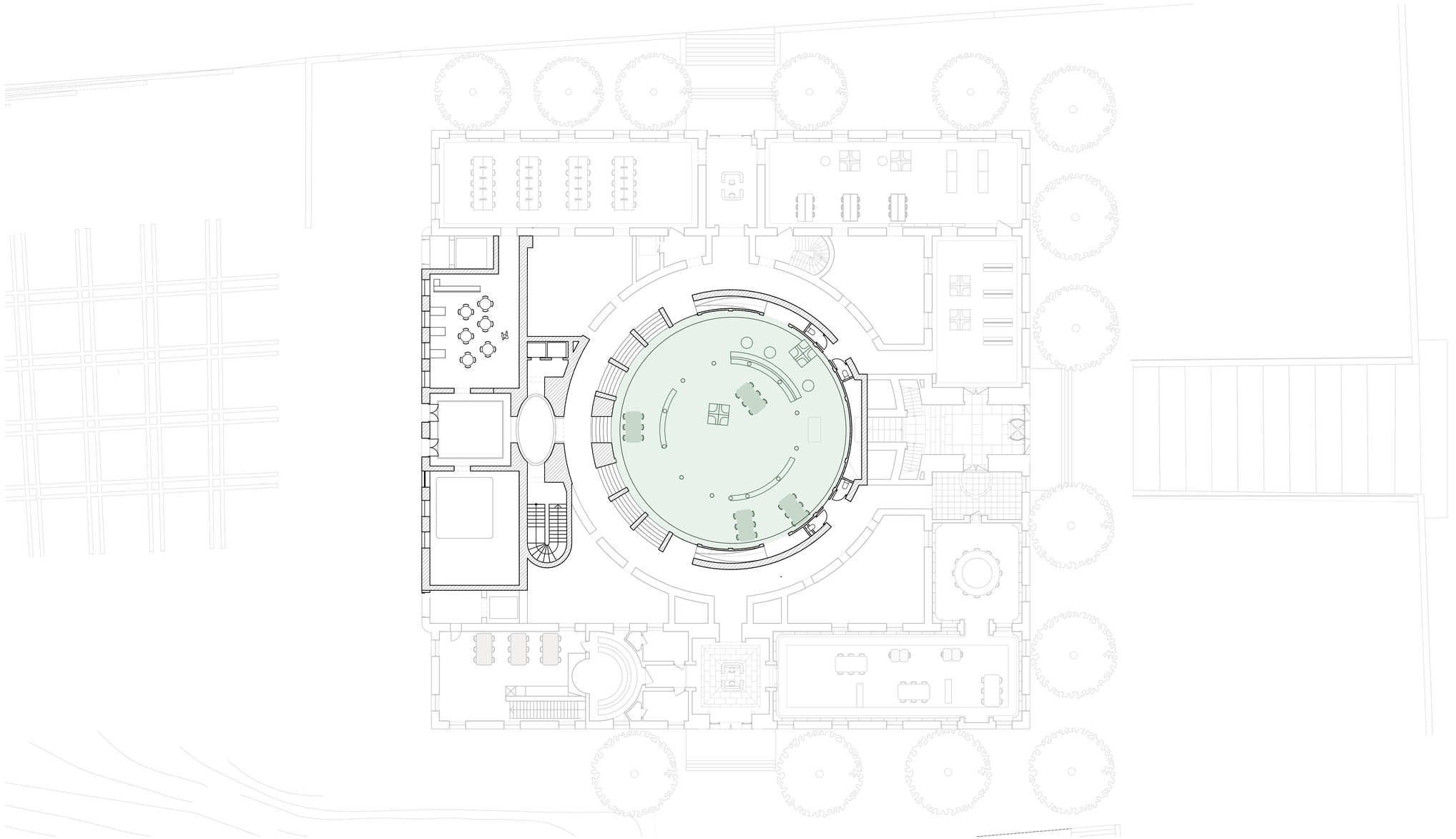
- poured terrazzo 20 mm
- fine concrete decking 30mm
-resilient layer 20 mm
-uncoupling membrane
-plywood layer 20mm
-timber construction 200mm
-plywood layer 20mm
-plaster finish 15mm



VLOER, BC
TRAPPENHUIS 1:20

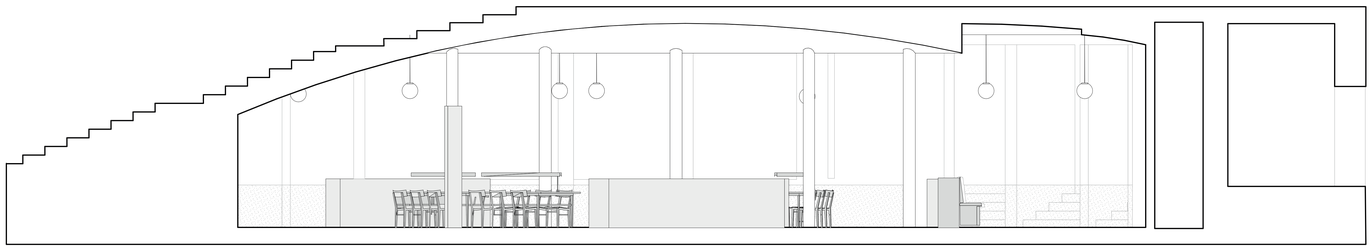
1:5, 1:100

Build forth new meeting spaces



CIRCULATION (1), NEW
4 ASSEMBLY,
CIRCULATION (2)

1:250



SECTION ROTUNDA

1:100

Build forth Existing underneath rotunda



Build forth New underneath rotunda

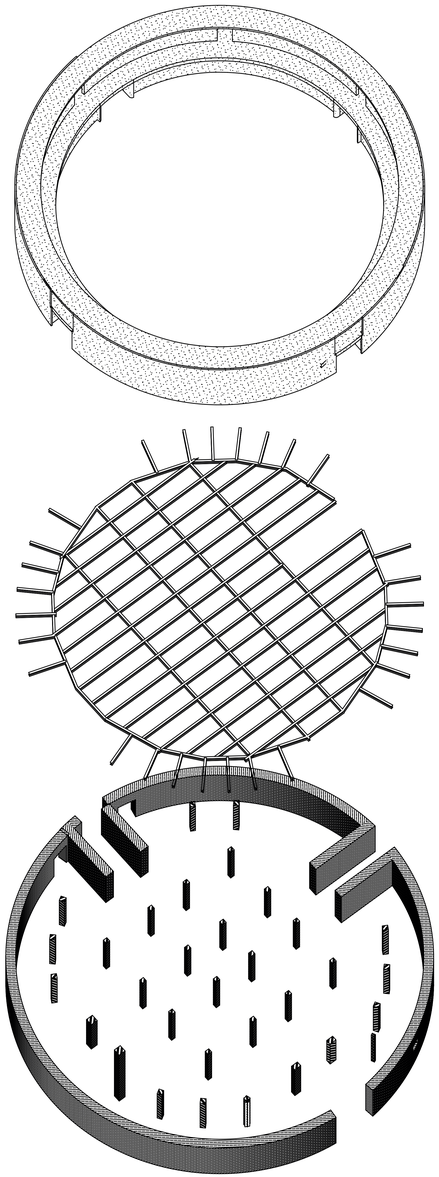


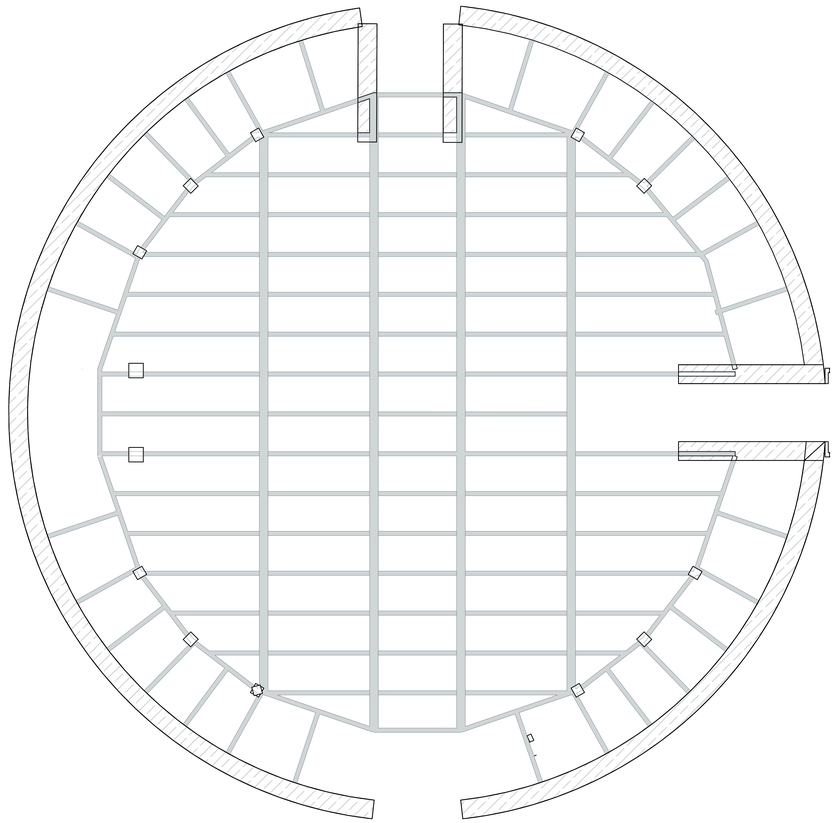
Reference Lister county couthouse



Frahm, K. (1986)

Build forth Existing structure



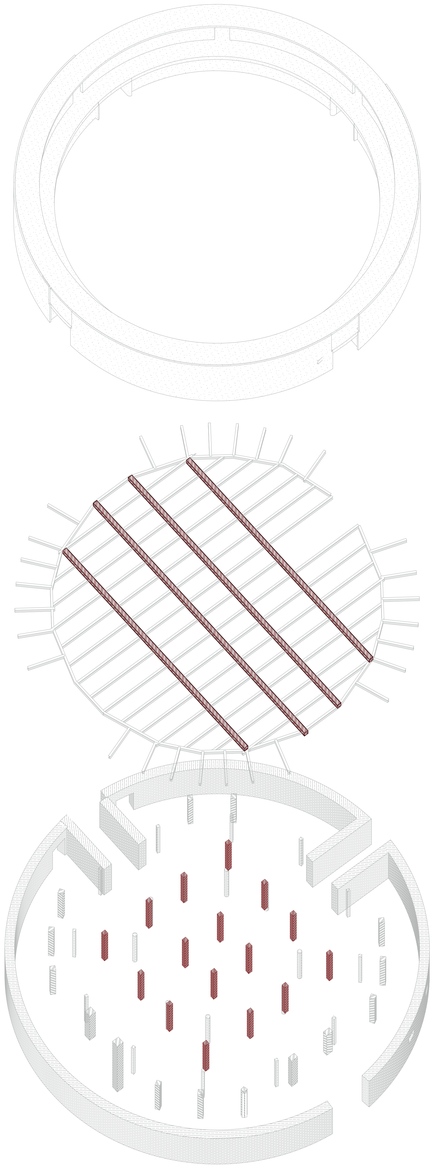


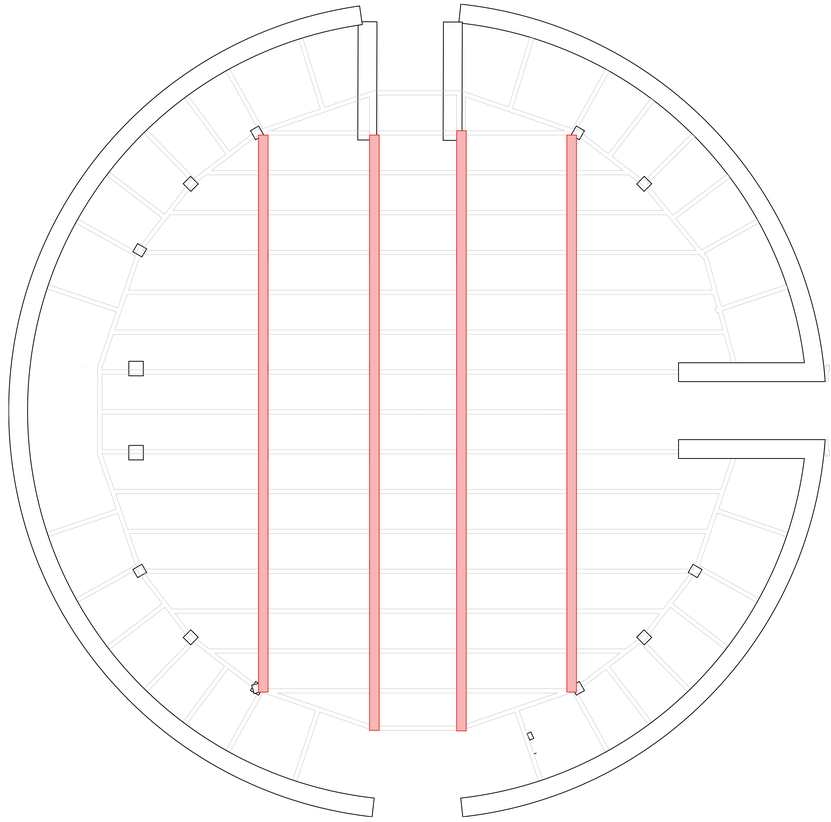
EXISTING PLAN,
EXISITNG STRUCTURE

1:150, 1:286,59

Build forth

Porblems keeping existing floor

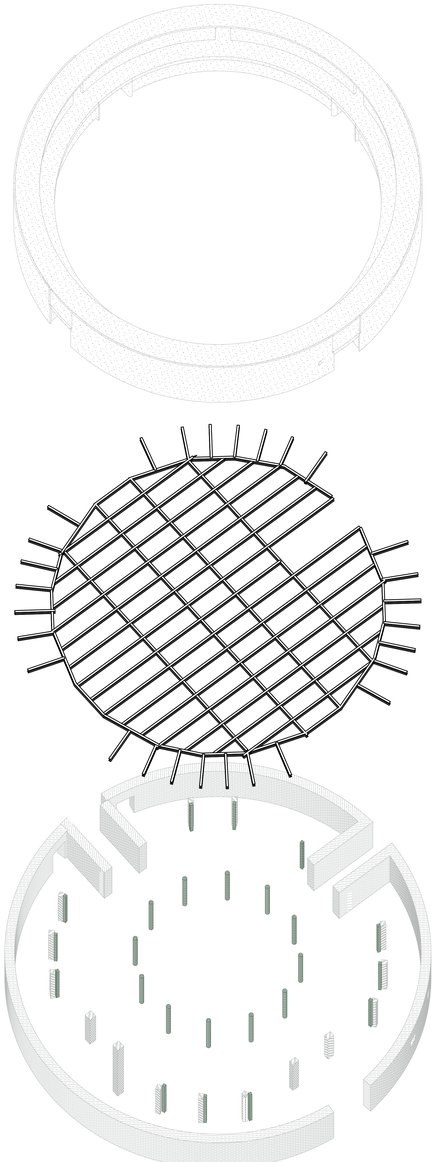


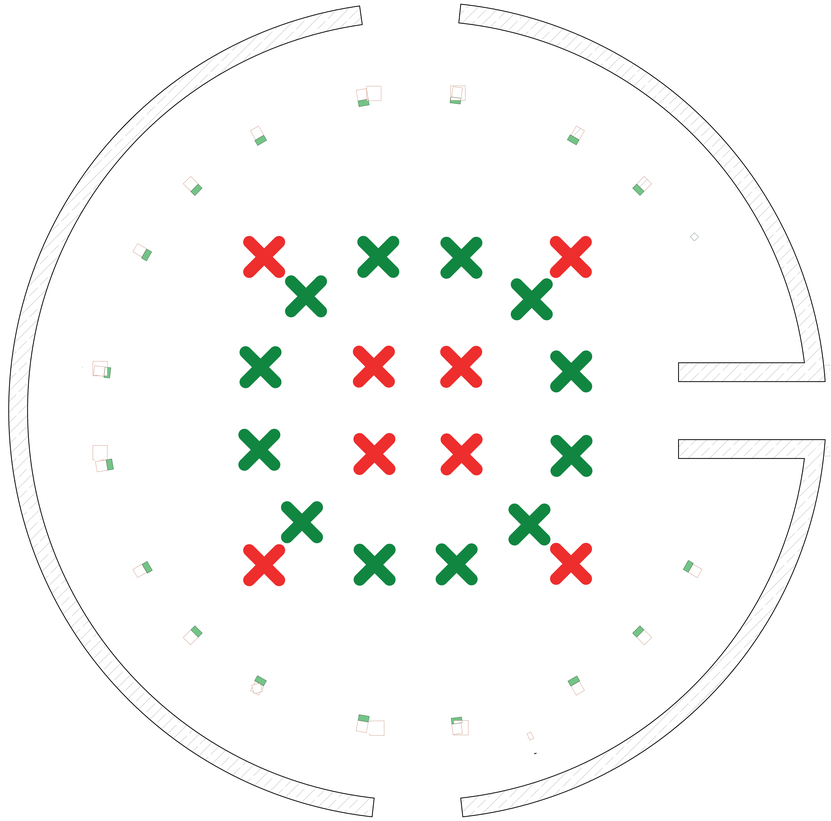


possible solutions,
POSSIBLE SOLUTIONS

1:150, 1:288,71

Build forth places to support





NEW COLUMNS

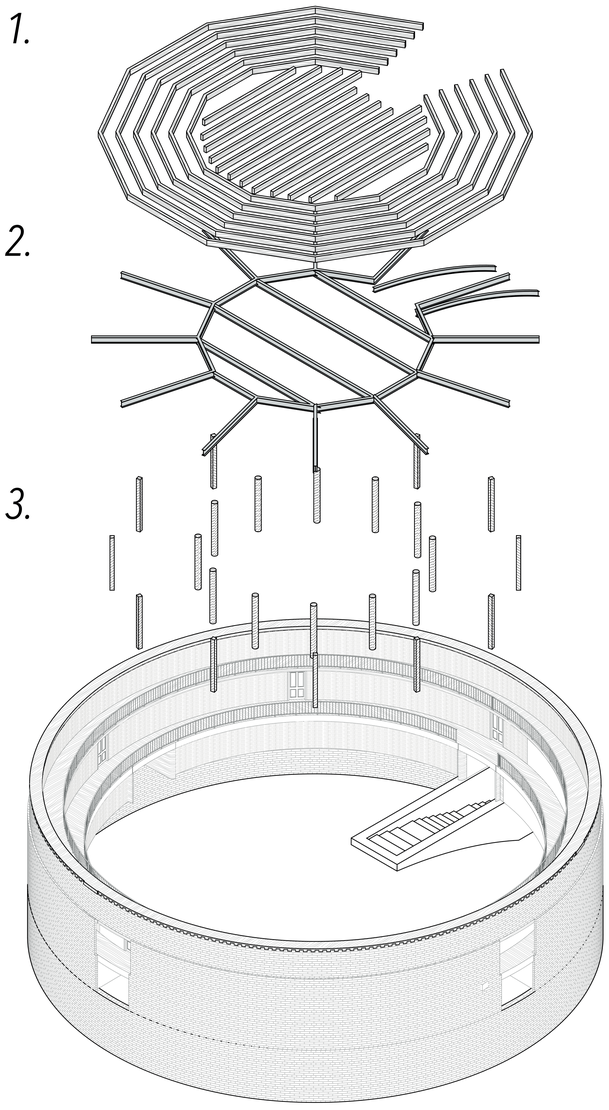
1:150, 1:287,64

Build forth New structure

1. Timber secundary beams

2. Steel beams

3. New column grid

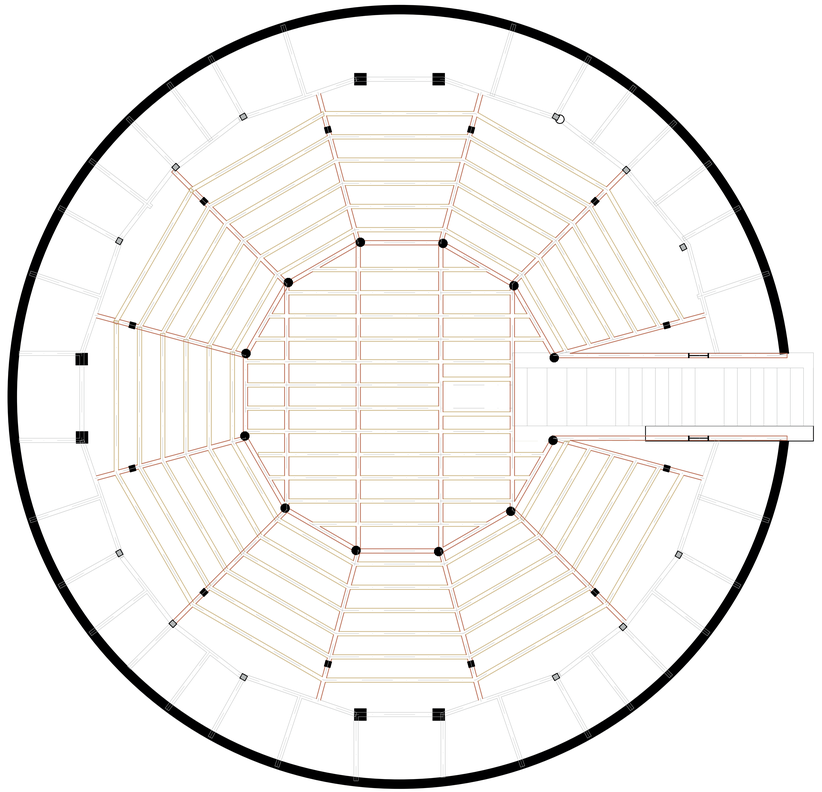


NIEUWE CONSTRCUTIE

1:250

Build forth

Proposed construction grid



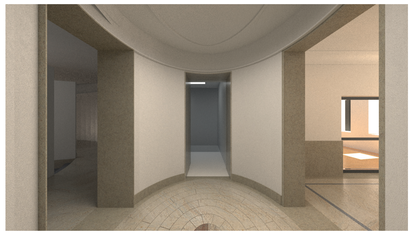
NEWCONSTRUCTIE
PLAN

1:150

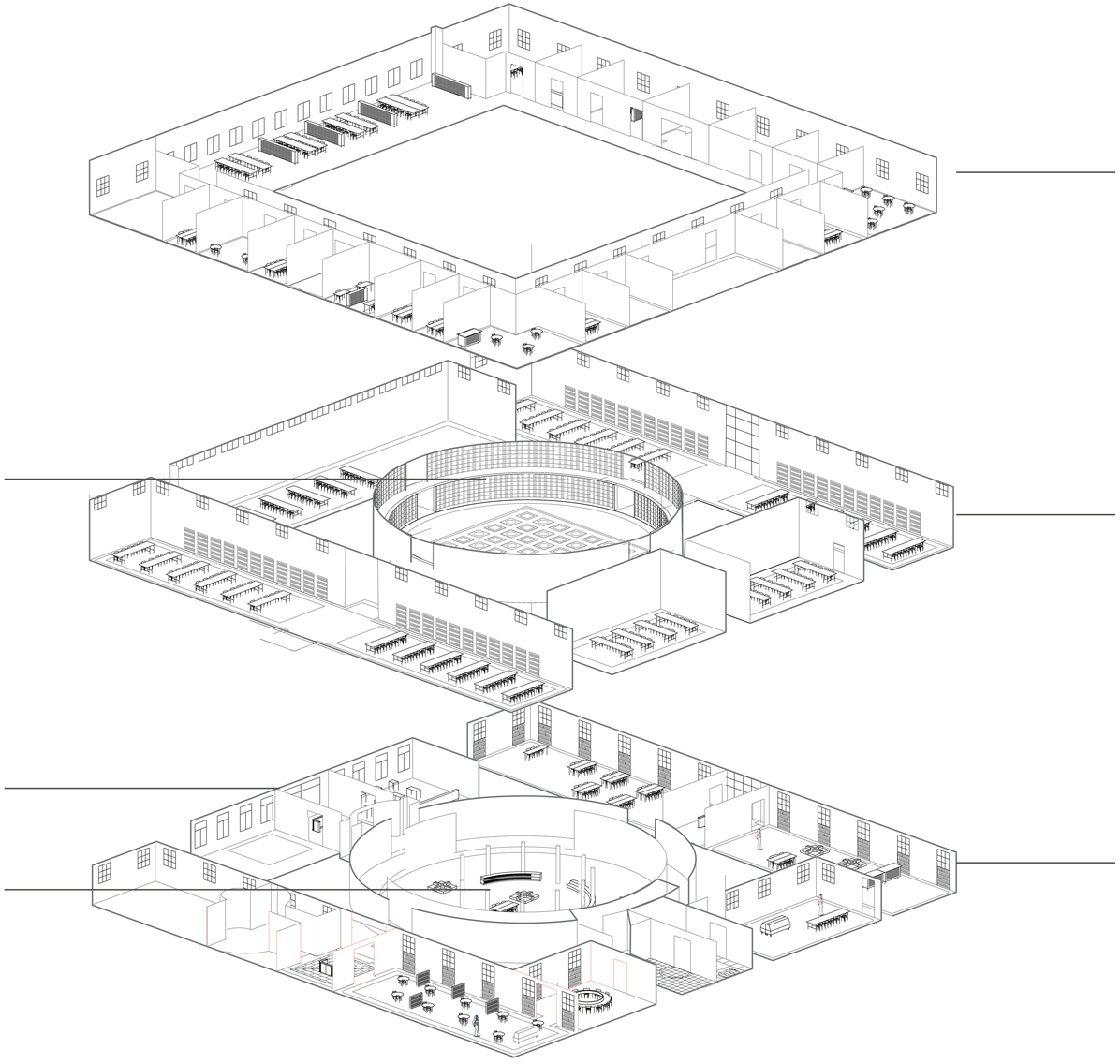
To conclude

To conclude Sopaced that are touched upon

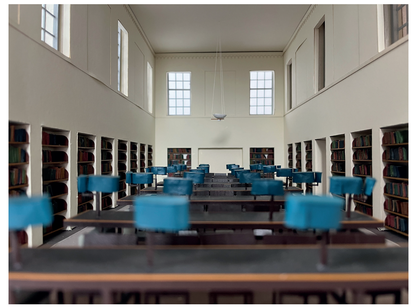










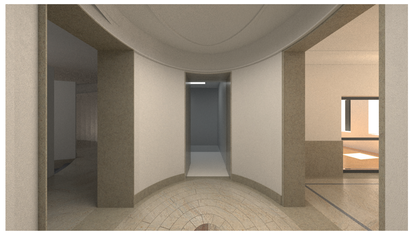




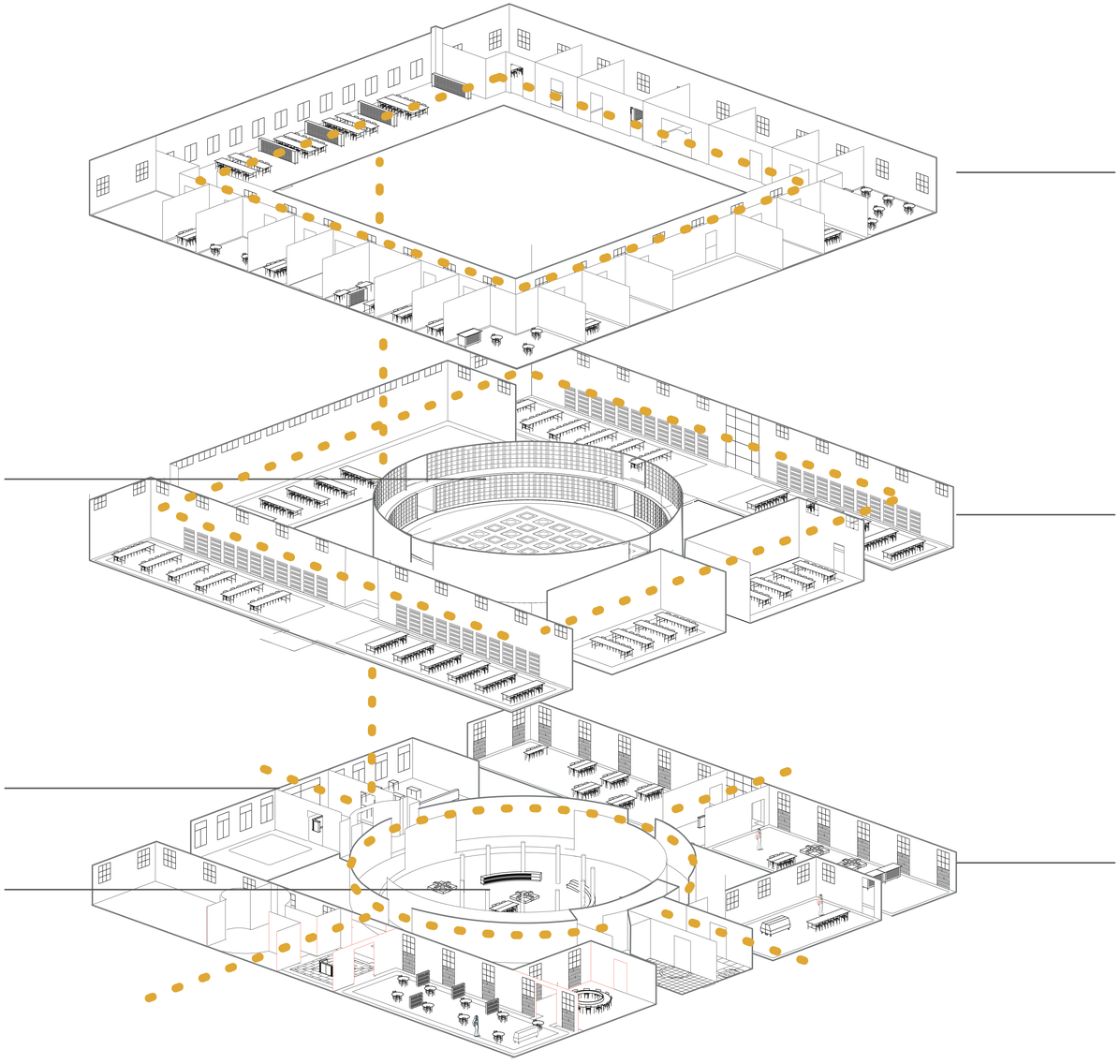
Concluding axo

To conclude A circulation connecting the library

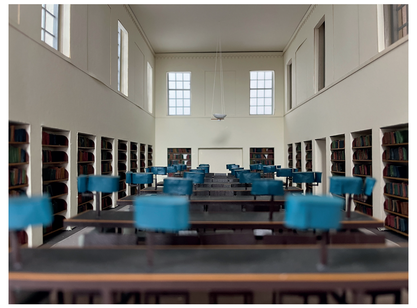










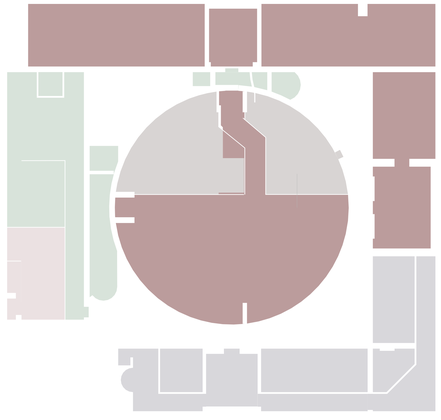




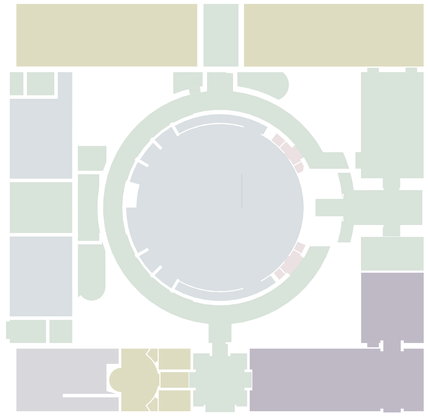
Concluding axo

To conclude A library with a new set of functions

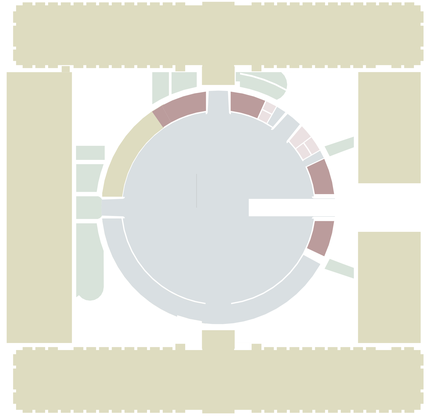
0. Basement



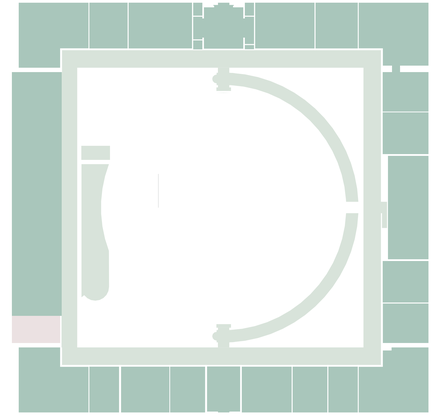
0. Entry level



0. Rotunda level



0. Top Floor



Flex office
Archive
Plant Room
Changing rooms

Meeting space
accesible reading area
children library
circulation
toilets

reading rooms
Circulation
Rotunda Meeting space
toilets

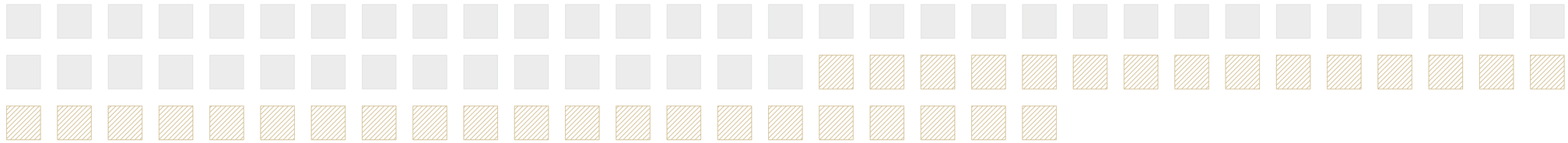
Study rooms
circulation
Changing rooms

5e verdieping- offices,
Begane grond-Bazaar,
2e verdieping-rotunda,
1e verdieping-entry

1:500

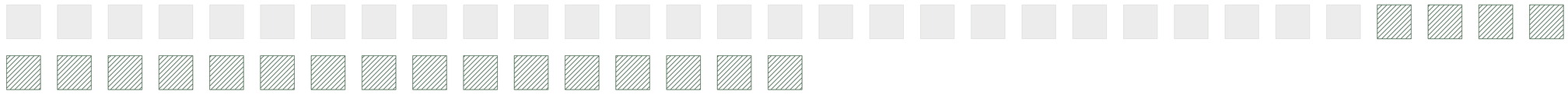
To conclude Which tangible qualities are gained

1.Seating spaces +347 seating spaces



2. Total sqm -360 sqm

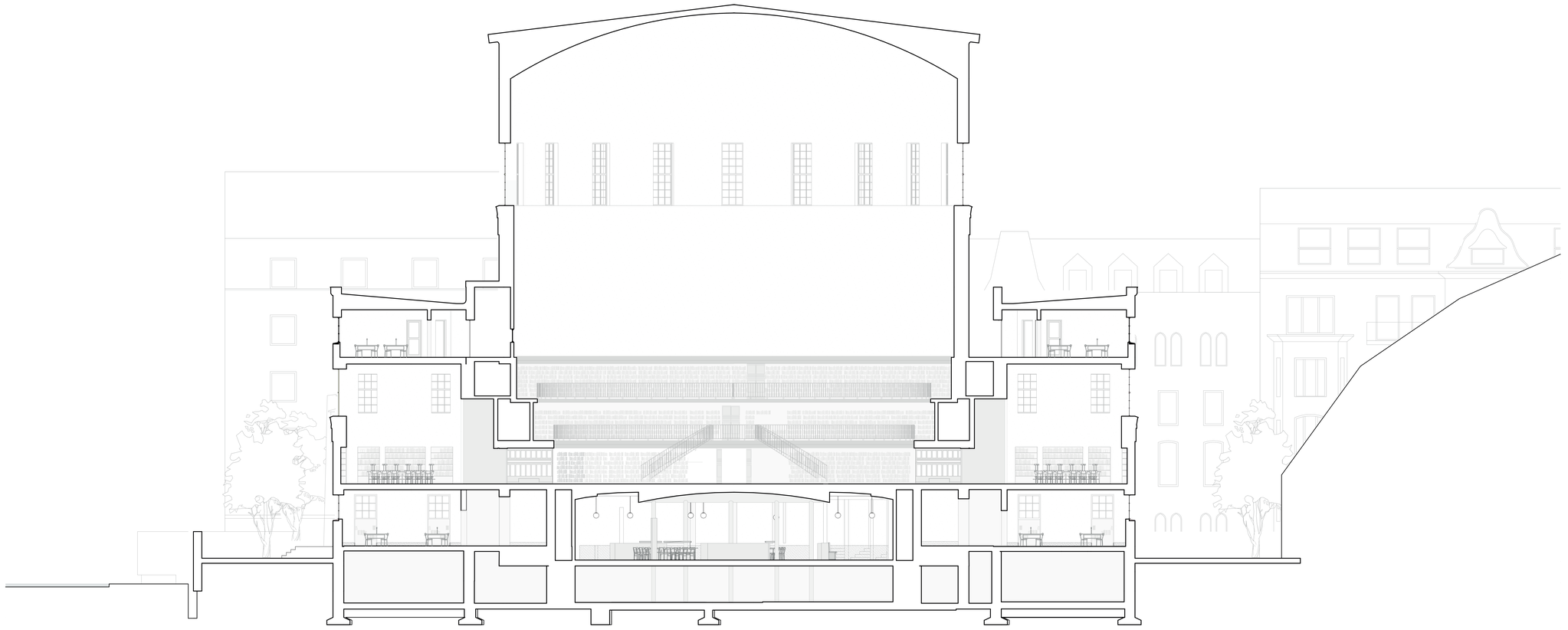
3. percentage public accesible space +30% of total

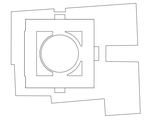


4 Non public areas -30% of total



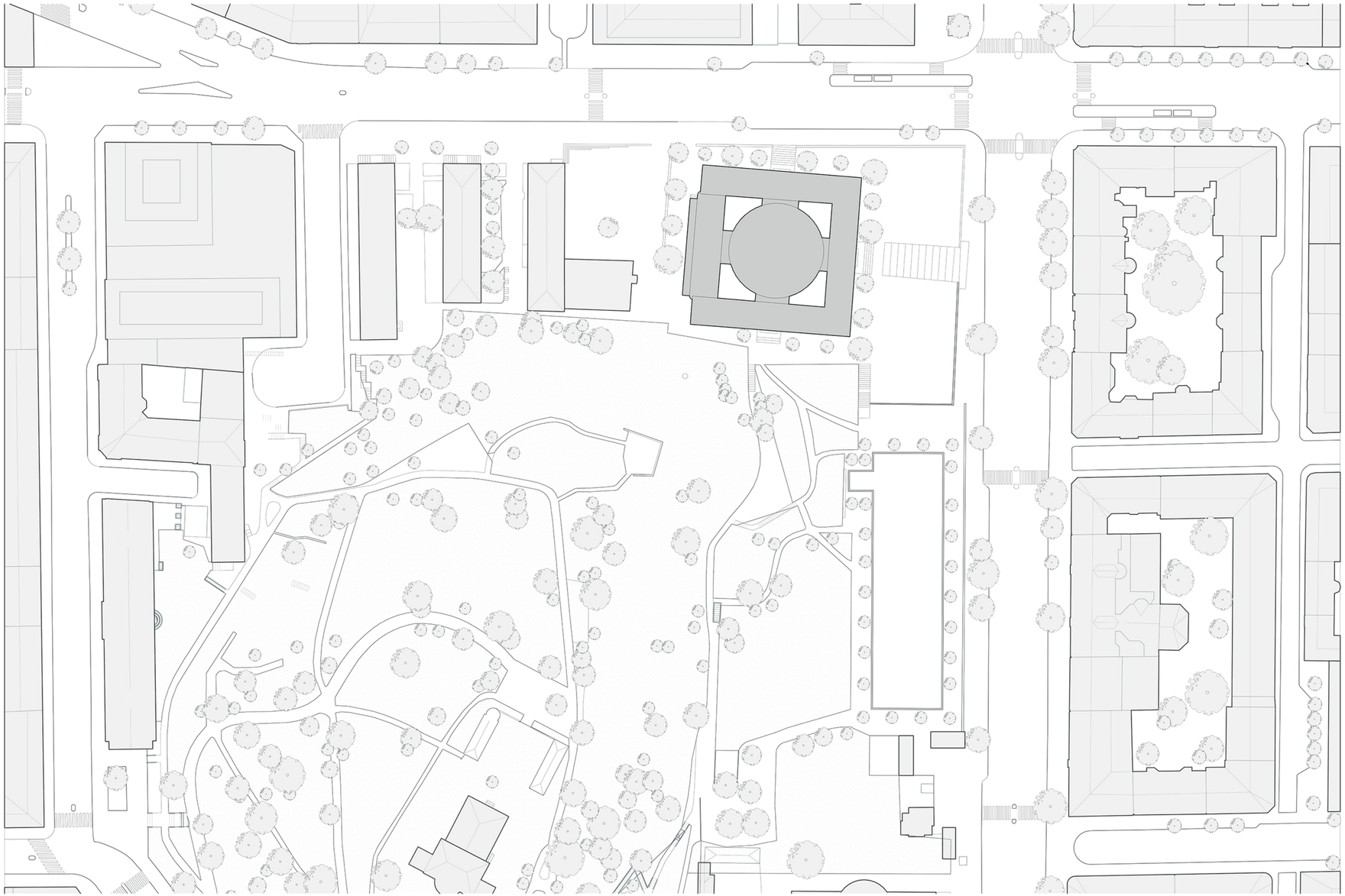
To conclude A public Palace





1:200

To conclude Entrances connecting to the Park



Sit OVERALL

1:1000

To conclude Thank you



N.D. (1928)



