



Van Gendthallen

A 'welcoming' building

Content Presentation

Background on Location

Giving a general view on the situation of the Oostelijke Eilanden

Research

Showing the problem of current developments

Program as part of the solution

Values of van Gendt and Welcoming Buildings

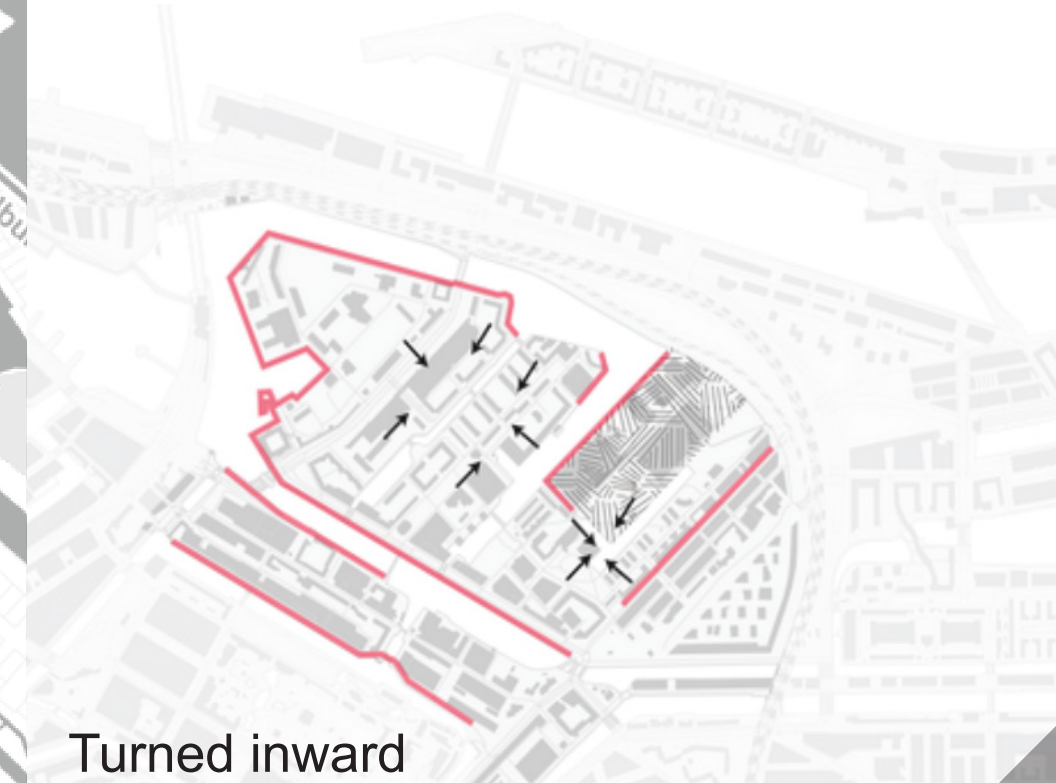
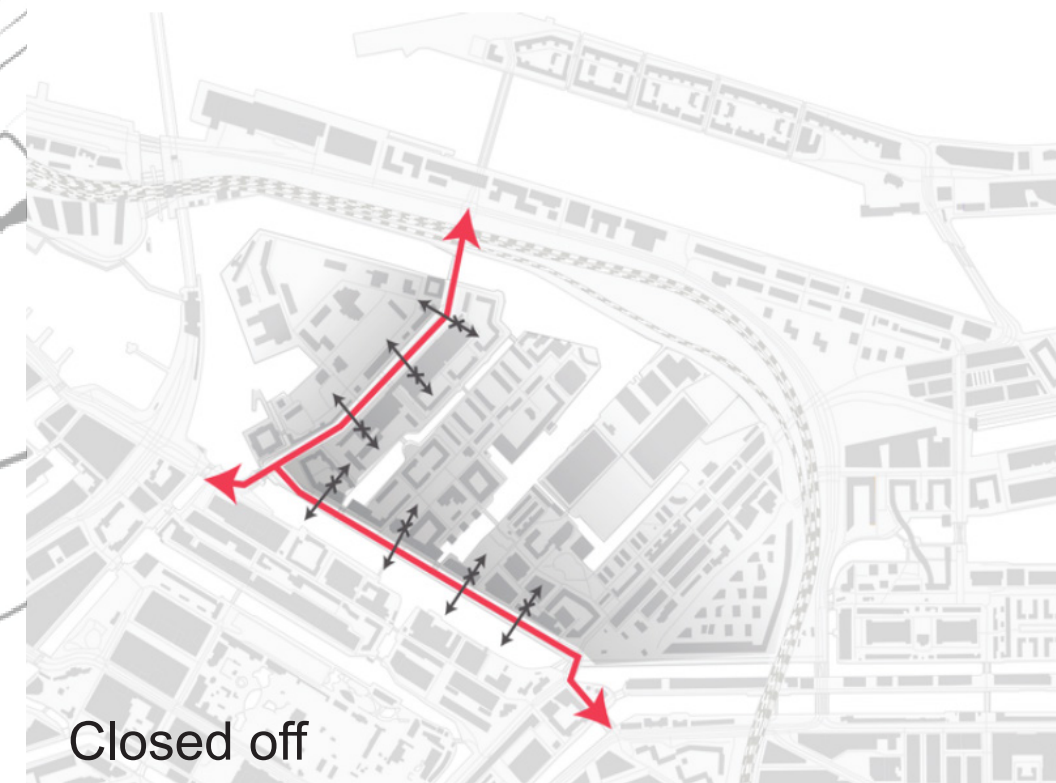
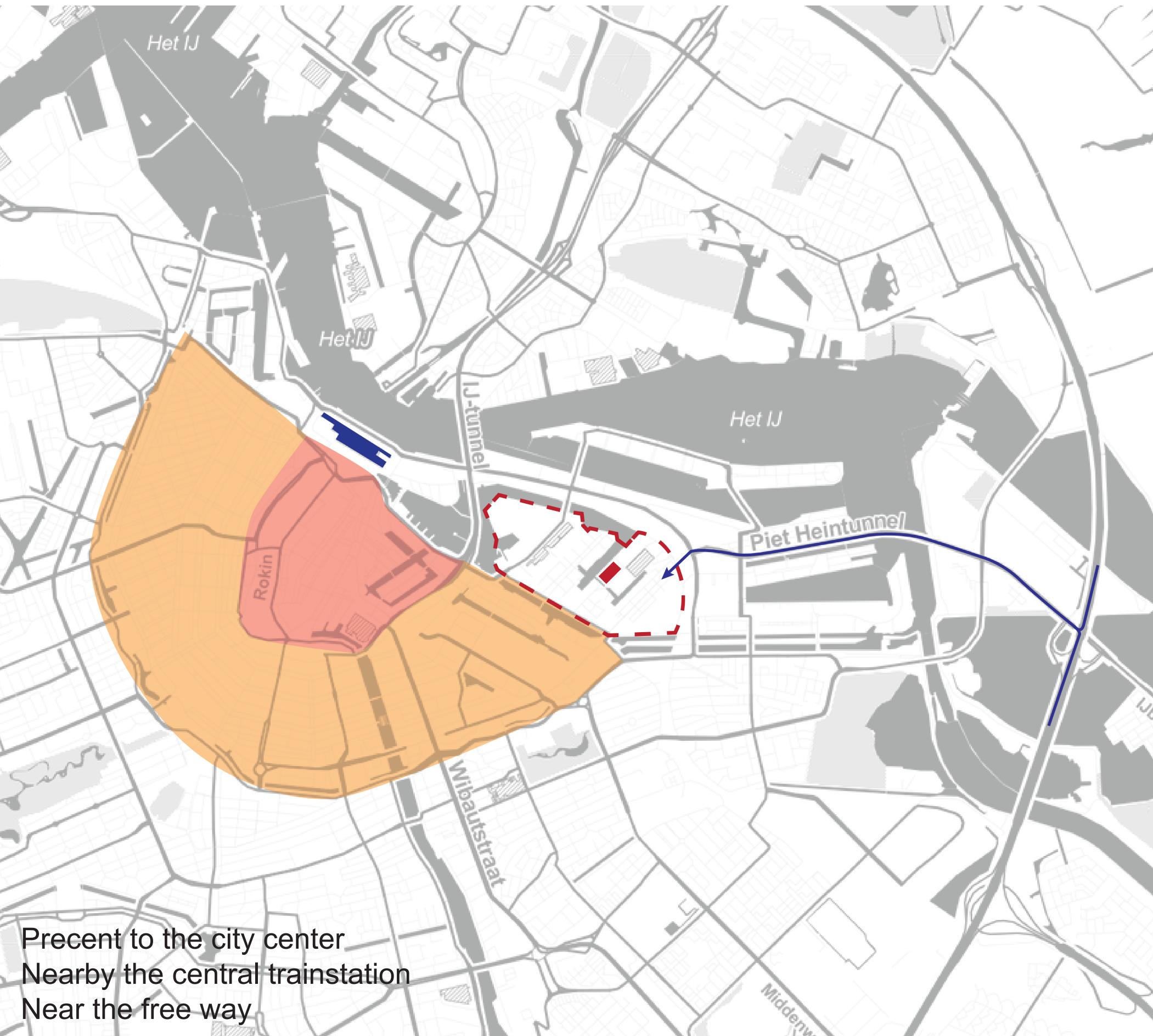
Design

Connecting on higher levels

inviting on lower levels

Background on Location

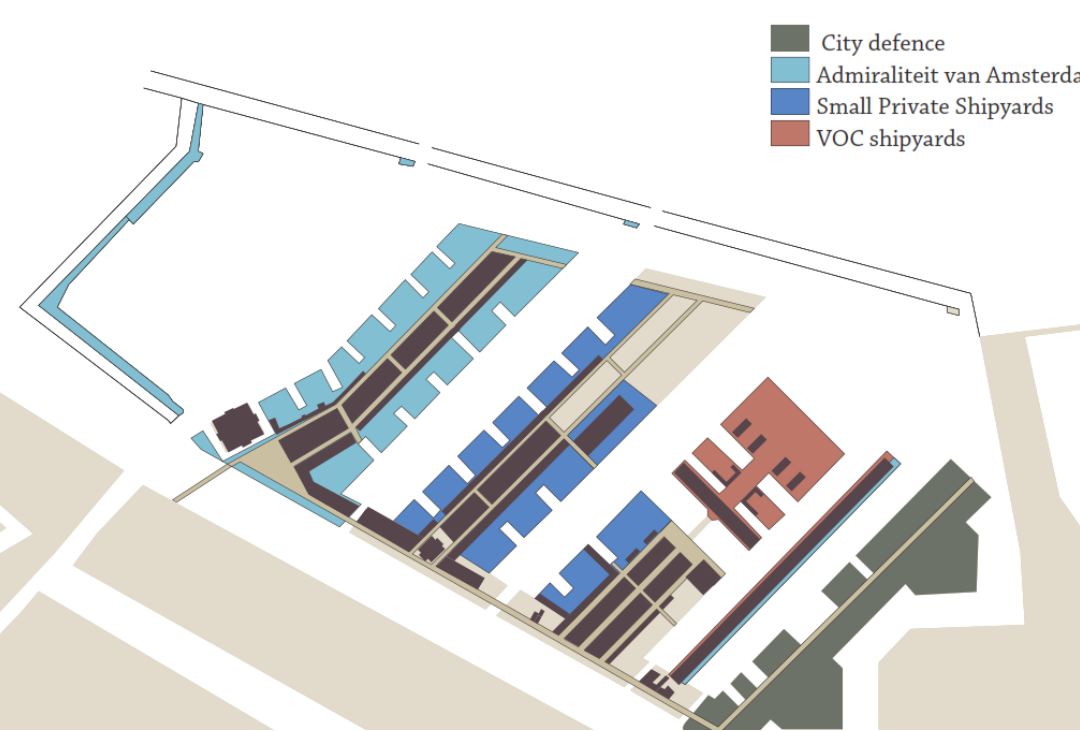
Quality of the Present Location



Precent to the city center
Nearby the central trainstation
Near the free way

History of the Location - The retreat of industries

VOC



1630

WerkSpoor en van Gendt

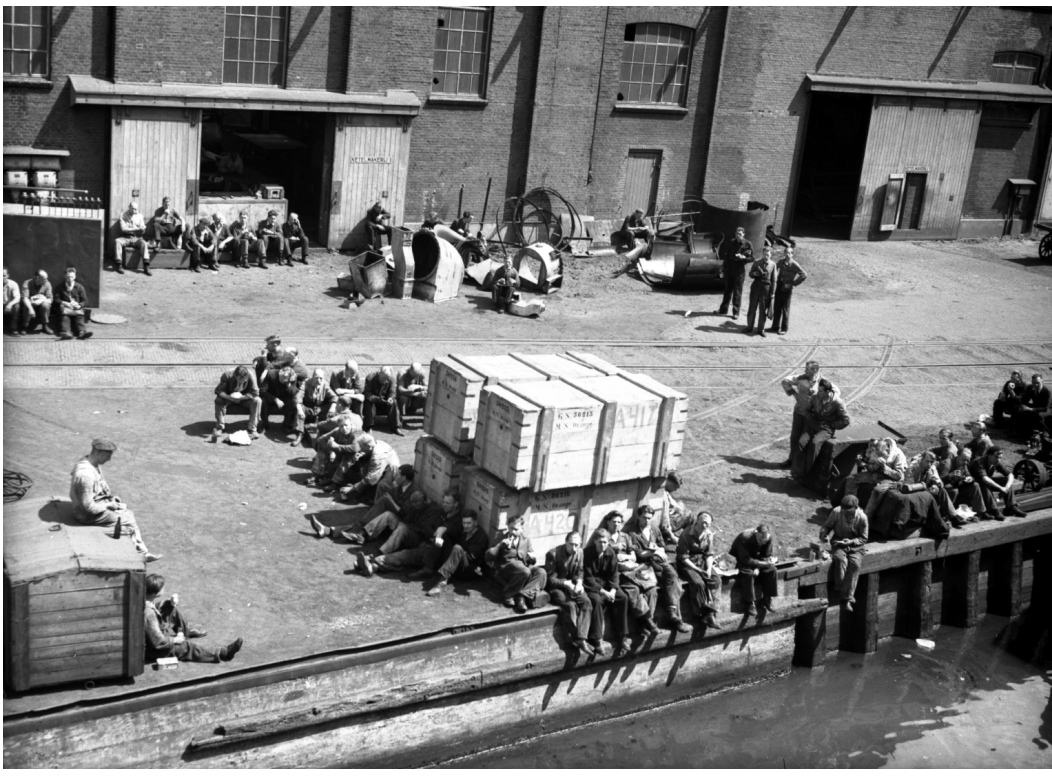


Late 19th century to begin 20th century

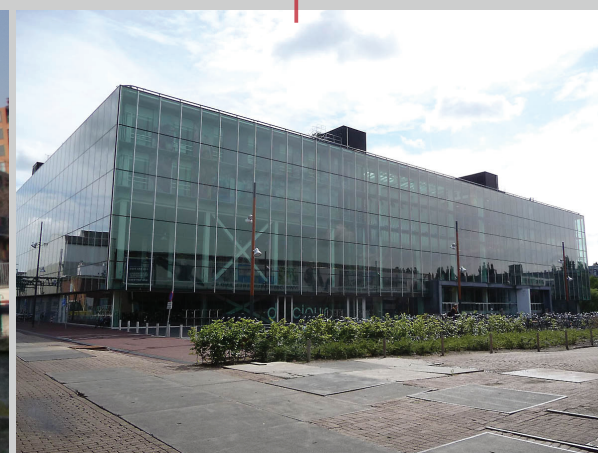
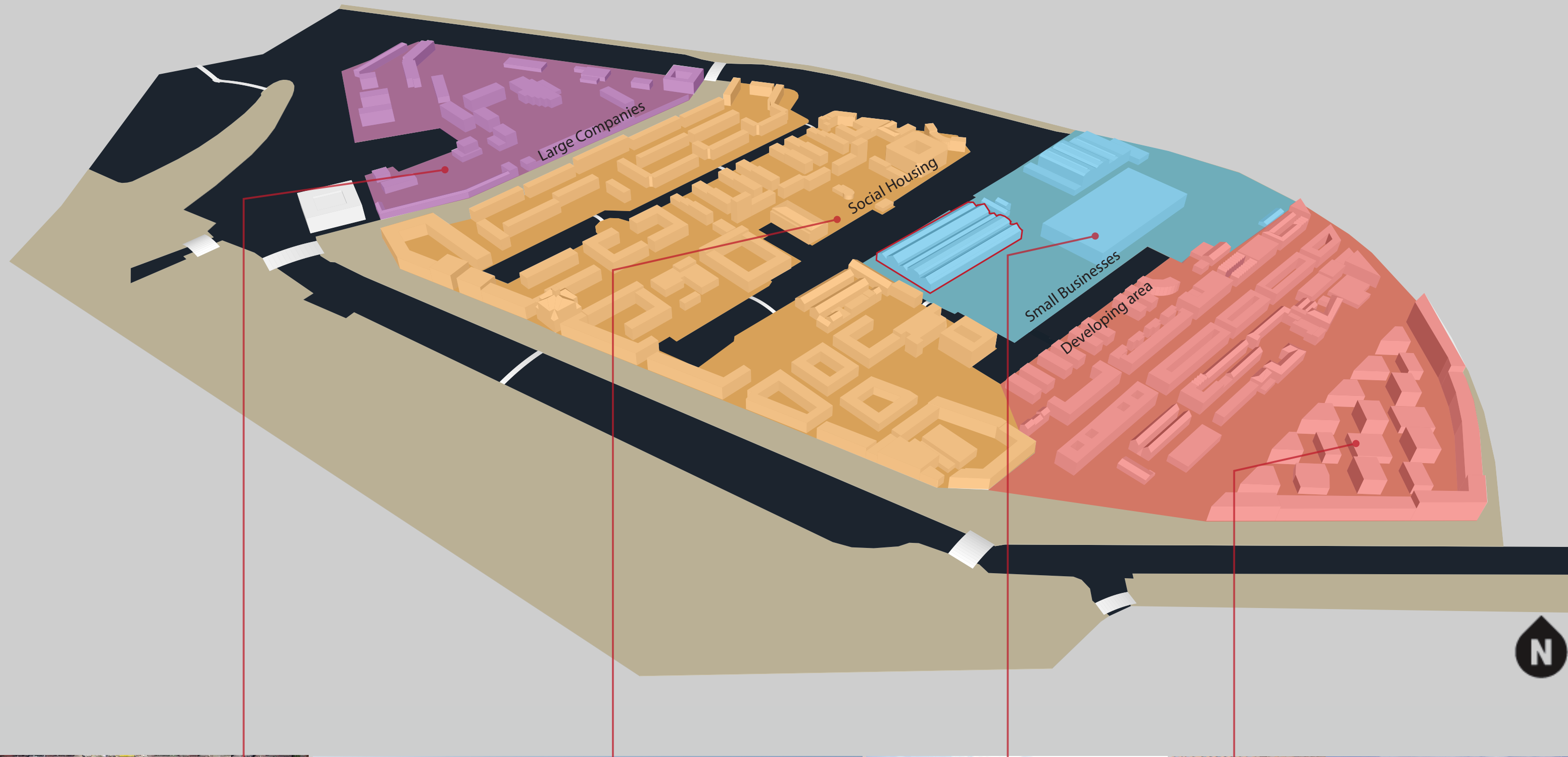
Social Housing



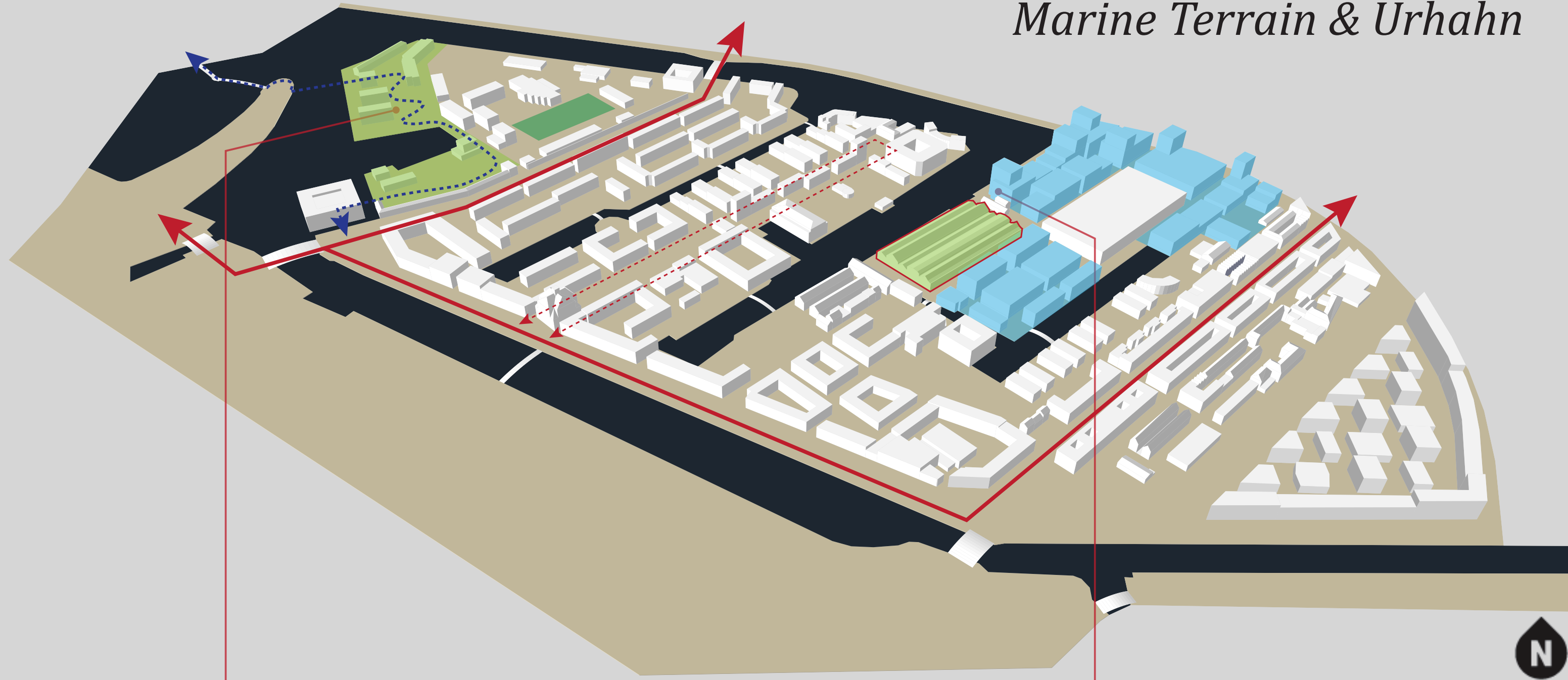
1960



Shift in Aera use

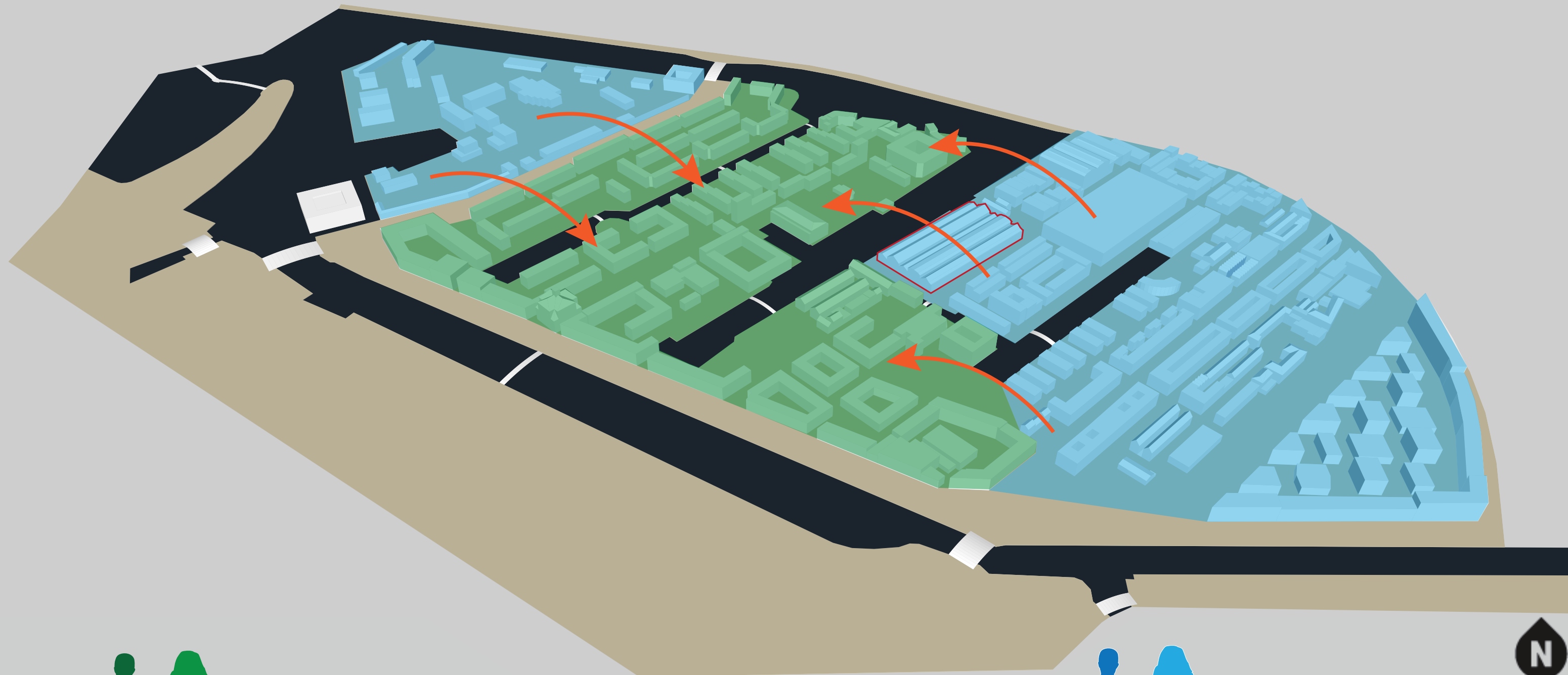


Future Plans of the Environment - Marine Terrain & Urhahn



People from a higher income segment
with a close relation to work and leisure

Shift in Aera use



People from a lower income segment with a focus on living and a close relation to the site

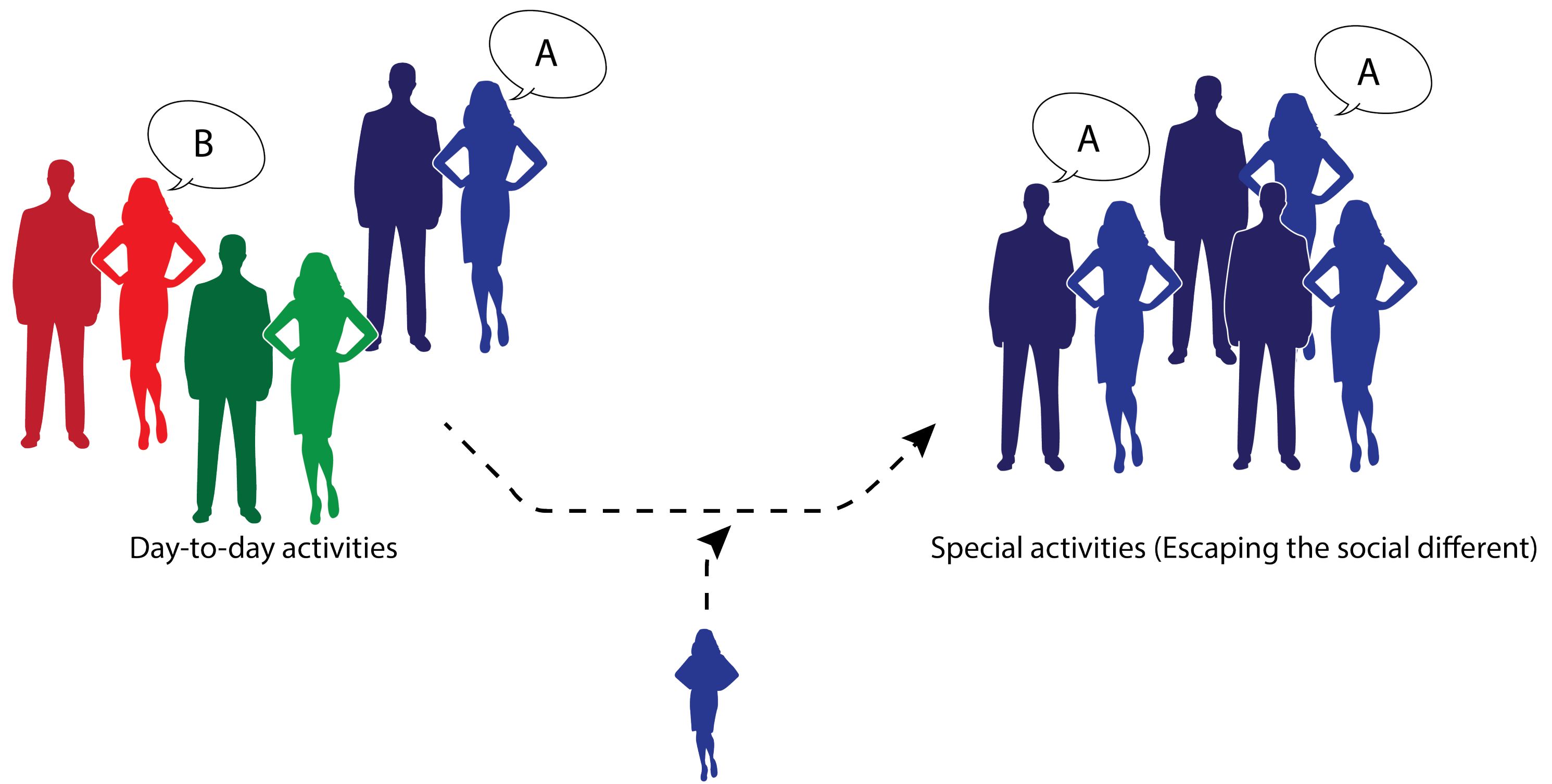


People from a higher income segment with a close relation to work and leisure

"How can the characteristics of heritage buildings be used to create a "welcoming building" and thereby enhance the use of its direct environment for multiple groups of society."

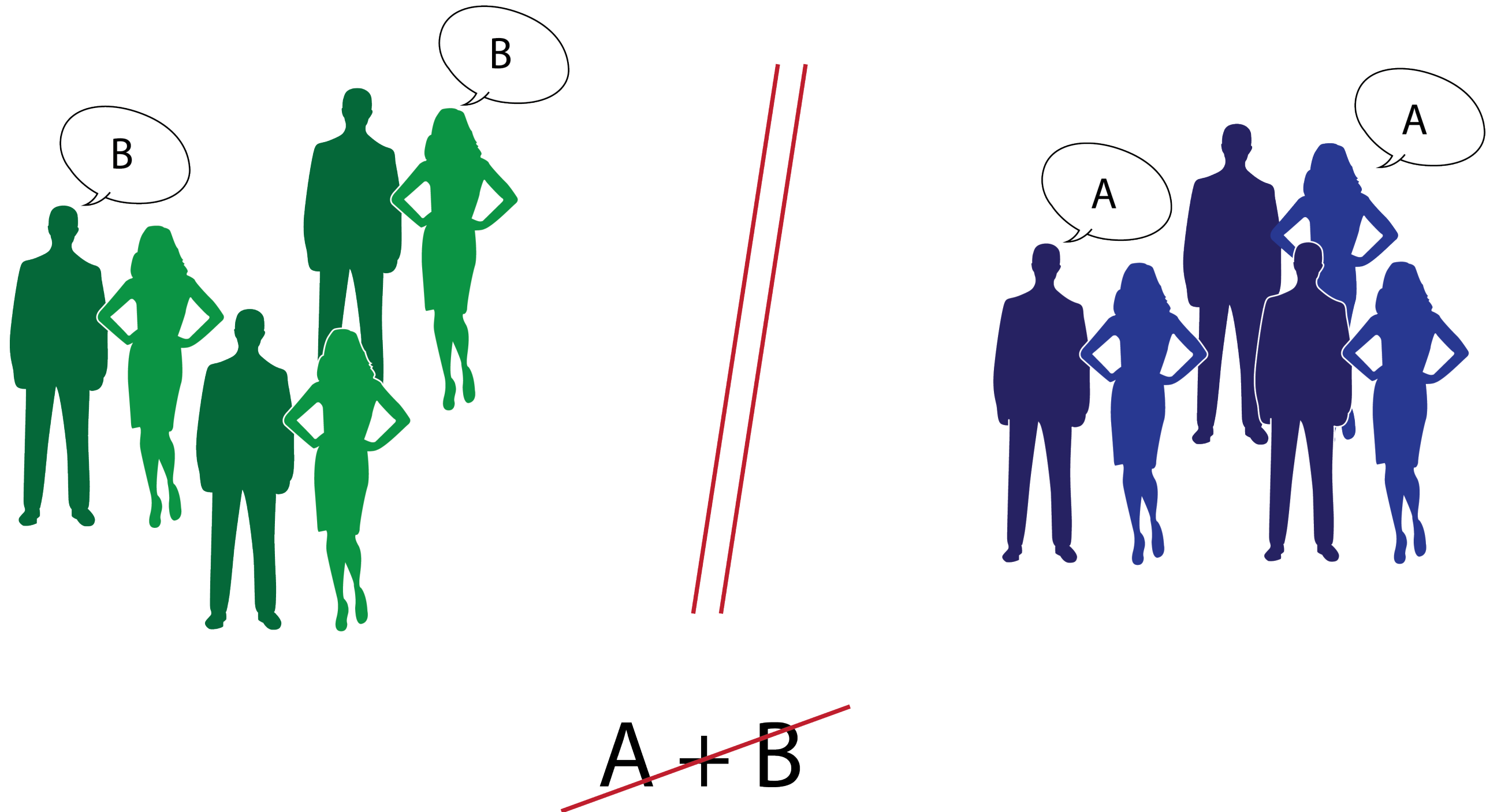
Problems of Sociale Mixing

Spacial exit strategy



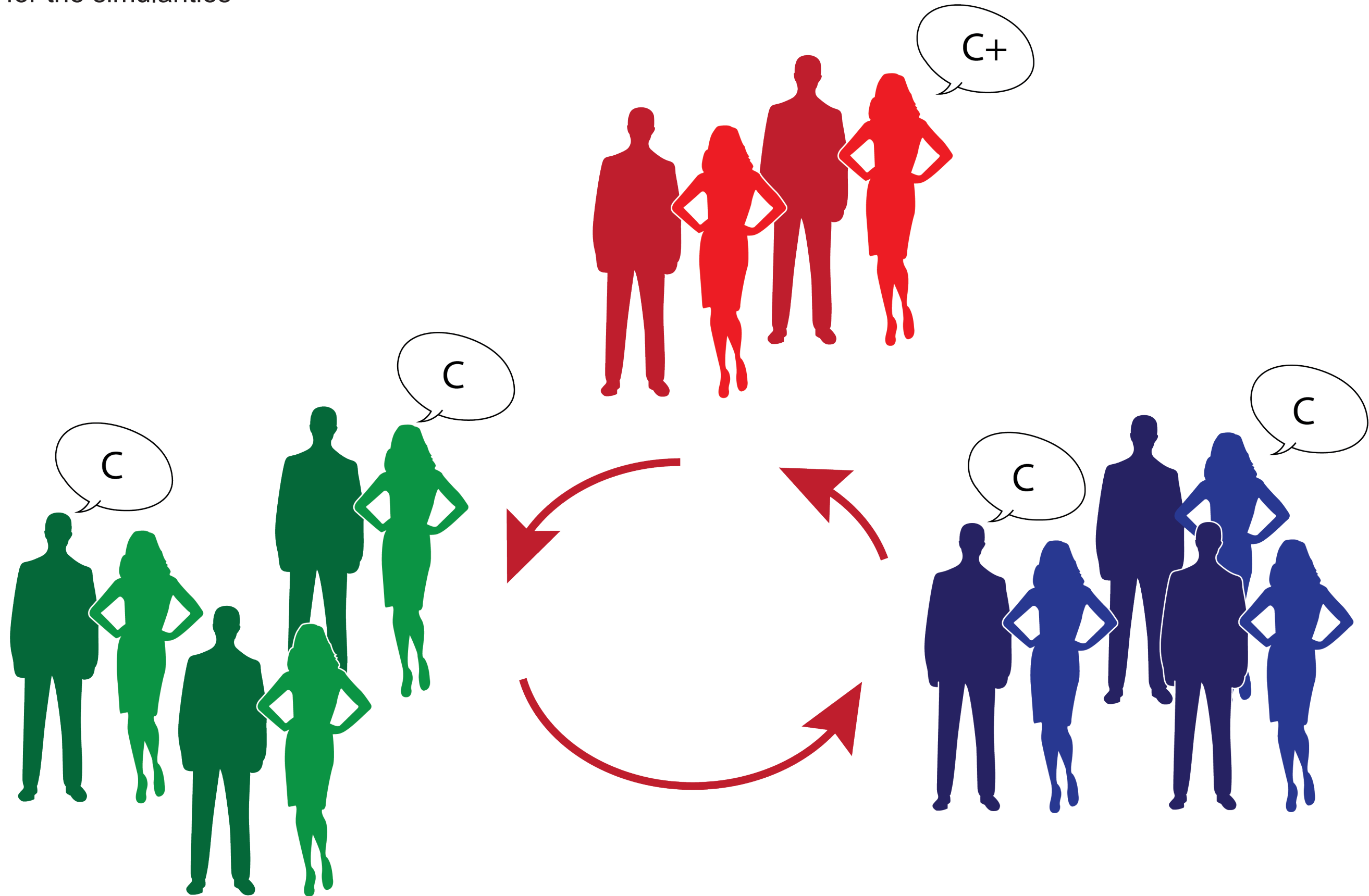
Problems of Sociale Mixing

Problems which may occur and may lead to degradation



Problems of Sociale Mixing

Look for the similarities



Creating this mix by program - Sports as a binding element



Buurtsport, WDTloodsen Antwerpen

Sportfacilities related with schools and associations combined with an open sports facility and neutral space for people to fill in with activities

This open facility is designed in such a way to lower the threshold for using the facility.

Materials make it able to make use of the facility without wearing special sportsgear



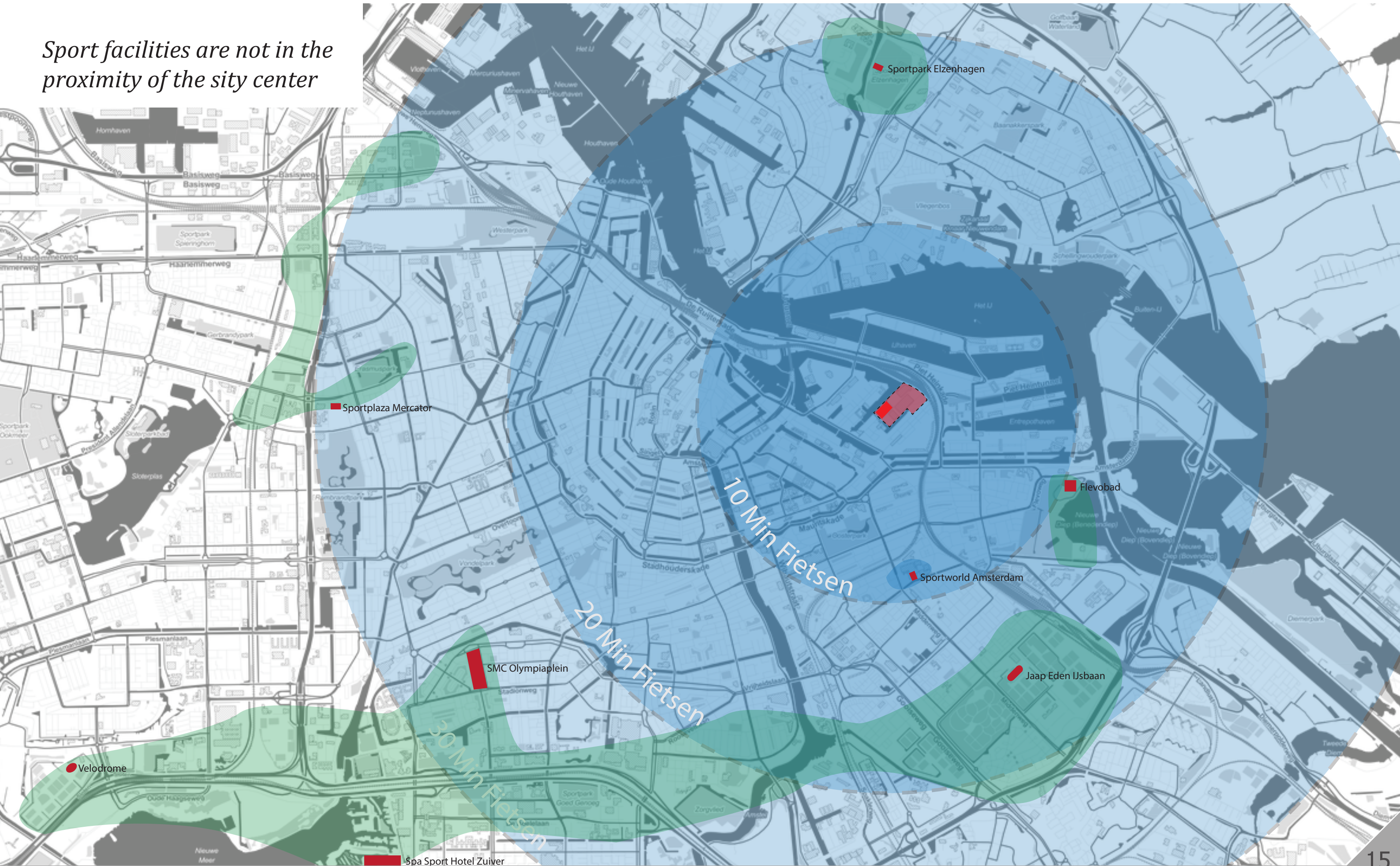
Creating this mix by program - Sports in Amsterdam



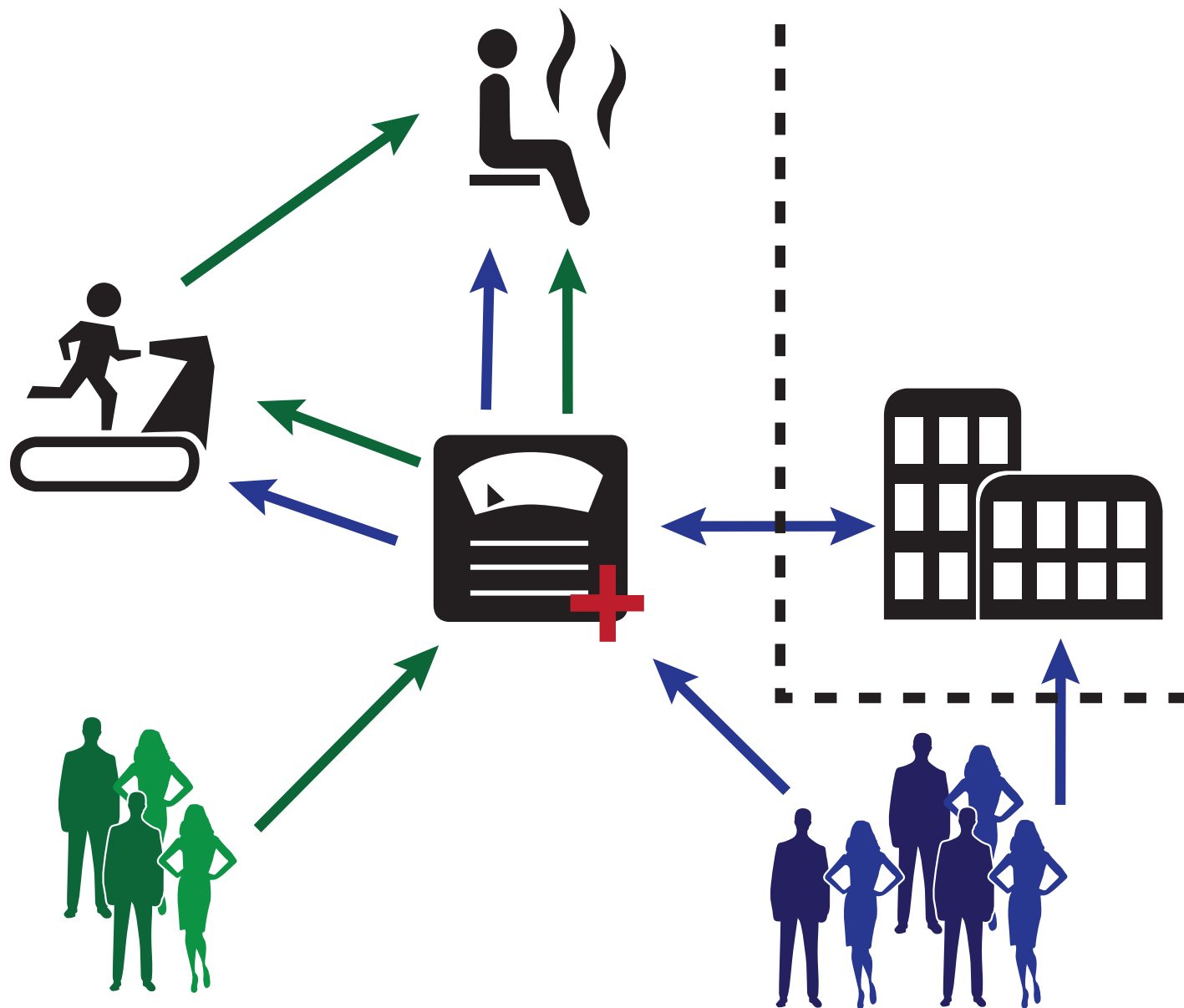
	1979	1987	1995	1999	2003	2007
solosporten	51	53	56	57	64	70
atletiek	1	1	1	1	1	2
auto-/motorsport	1	1	1	2	2	2
fitness/aerobics	-	-	12	13	17	22
golf	-	-	1	2	3	4
gymnastiek/turnen	9	8	6	6	6	6
paardrijden	3	2	3	3	4	4
schaatsen	15	15	7	6	8	6
skeeleren/skaten	-	-	-	11	10	7
fietssport/wielrennen	- ^b	- ^b	15	15	20	23
hardlopen/trimmen/joggen	8	9	10	8	12	18 ^c
wandelsport	- ^b	- ^b	8	11	14	15
zeilen/roeien/kanoën/surfen	6	8	8	6	8	7
zwemmen	32	31	36	33	38	36
duosporten	19	18	20	18	22	21
badminton	8	6	5	5	7	6
squash	-	-	3	3	3	3
tafeltennis	7	4	3	4	6	6
tennis	8	10	10	9	11	10
vecht- en verdedigingssporten	2	2	3	3	3	4
teamsporten	19	19	18	18	19	22
basketbal	2	2	2	2	3	3
handbal	2	1	1	1	1	2
hockey	1	2	2	1	2	3
korfbal	1	1	1	1	1	2
softbal/honkbal	-	-	1	1	1	1
veldvoetbal	12	10	10	10	11	14
volleybal	5	5	5	5	4	5
zaalvoetbal	3	4	4	4	5	6
overig	5	12	8	12	9	7

Creating this mix by program - Sports in Amsterdam

Sport facilities are not in the proximity of the city center



Creating this mix by program - Different groups, Different Strategies



TNO Arbeid rapport

Gezonde werknemers presteren beter en kosten aanzienlijk minder. Uit onderzoek van TNO samen met NOC*NSF blijkt dat de sportende medewerker een beduidend lager ziekteverzuim heeft dan de niet sportende medewerker. De uitkomst is:

- Lager ziekte verzuim van gemiddeld 9% naar 2%
- Toename arbeidsproductiviteit van gemiddeld met 12,5%

Sporten verkleint de kans op burnout bij werknemers

maandag 27 februari 2012 om 13:50, Redactie

Werknemers die vier uur per week aan sport doen, halveren het risico op burnout en depressie, melden onderzoekers van de Tel Aviv University. Een regulier sportprogramma zorgt daarmee voor minder uitval op het werk.

Big Business Finally Learns That Wellness Is Good Business

Posted: 07/05/2014 9:32 am EDT | Updated: 04/01/2015 11:59 am EDT

2014 has been the year when the discussion of well-being has migrated from health and wellness magazines to business magazines.

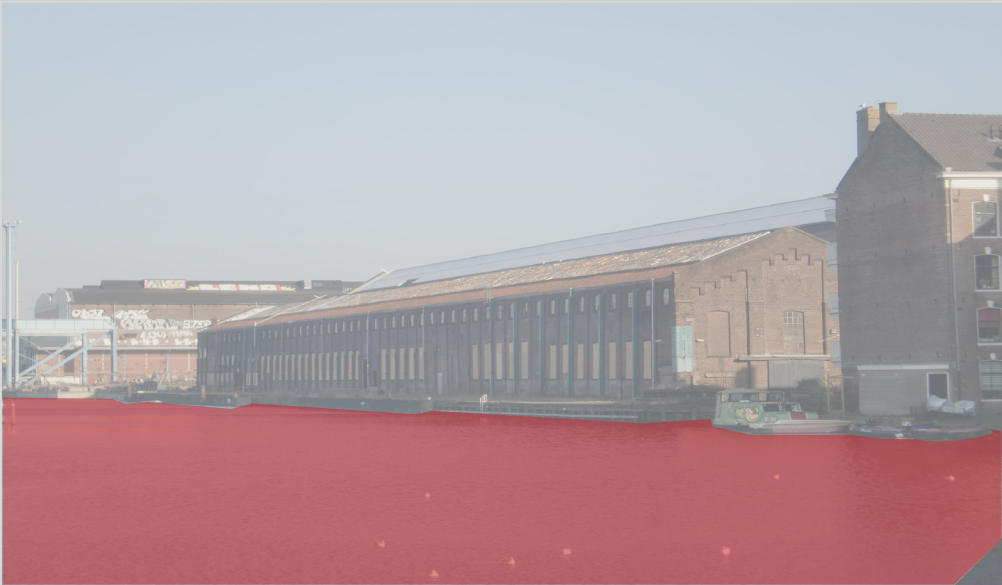
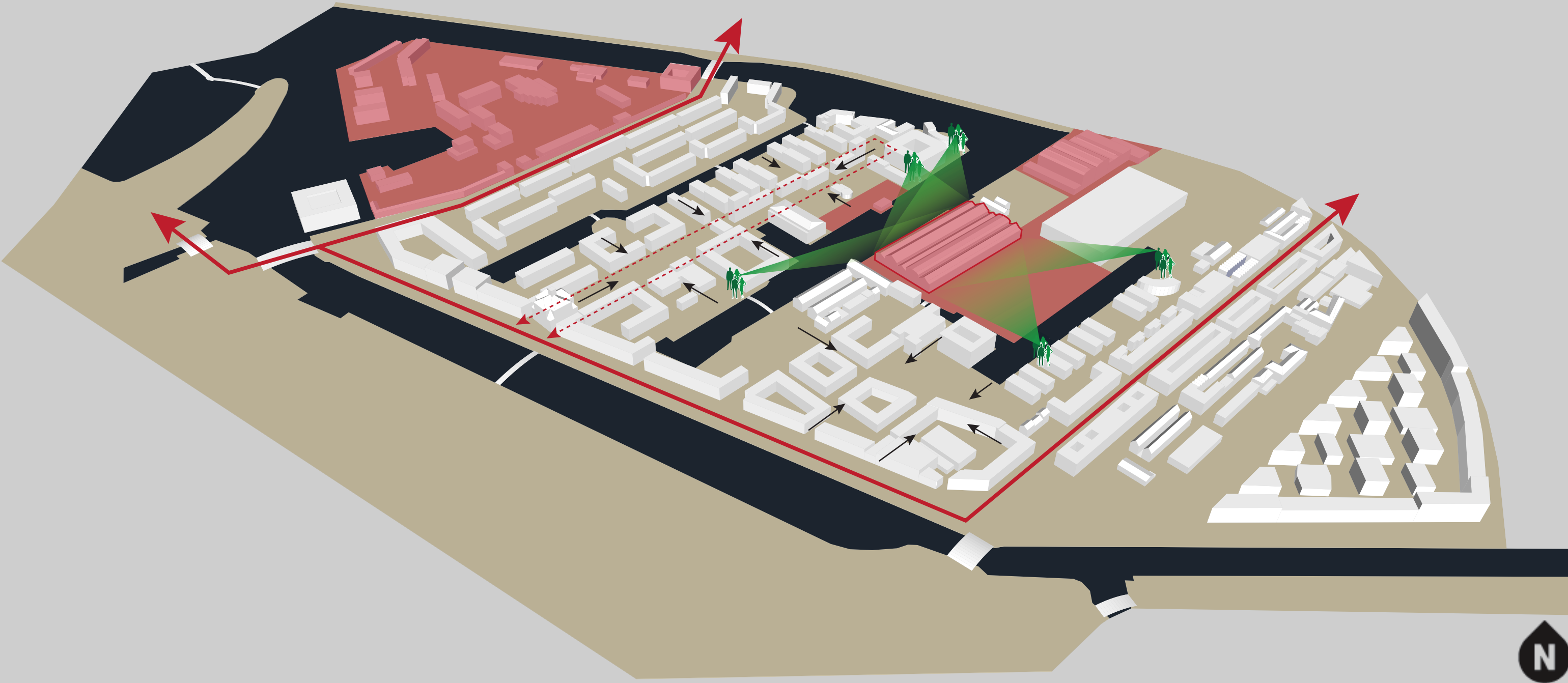
Wellness, and how to integrate it into our work lives, has become the hottest topic in the business pages. And that should come as no surprise. Because, though it would be nice if this change were simply because of altruism, what's happening is that big business is finally realizing that the health of their employees and the health of their bottom line are inseparable...

Bijna driekwart bedrijven stimuleert sporten niet

Het merendeel van de werknemers in Nederland gaat harder werken wanneer zij sporten. Desondanks doet 72 procent van de werkgevers niets om het sporten onder haar werknemers te stimuleren. Dit blijkt uit onderzoek van NationaleVacaturebank.nl onder 598 respondenten.

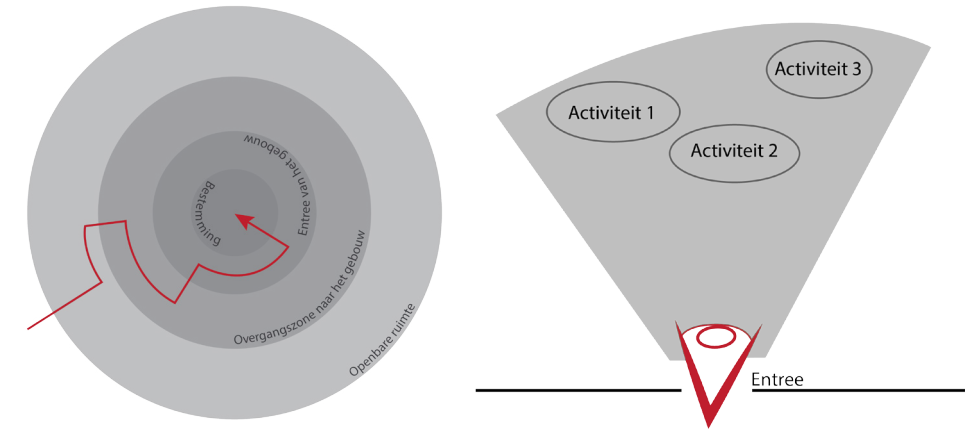
"Sport knows no language, only common rules"

Problem creating this social mix



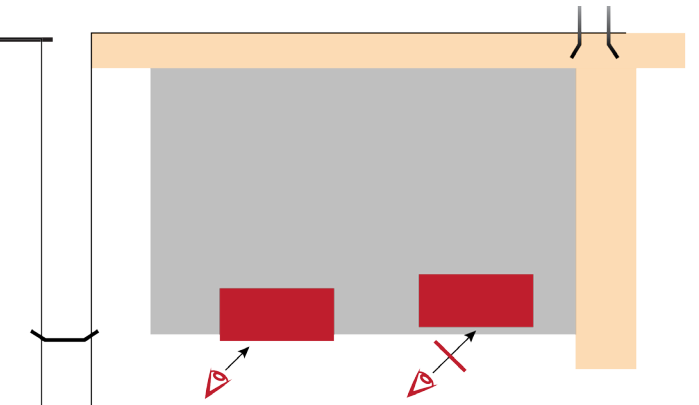
Transition to the Activity

- Create smooth transitions
- Create space to make the transition mentally
- Keep an overview and show how the building works



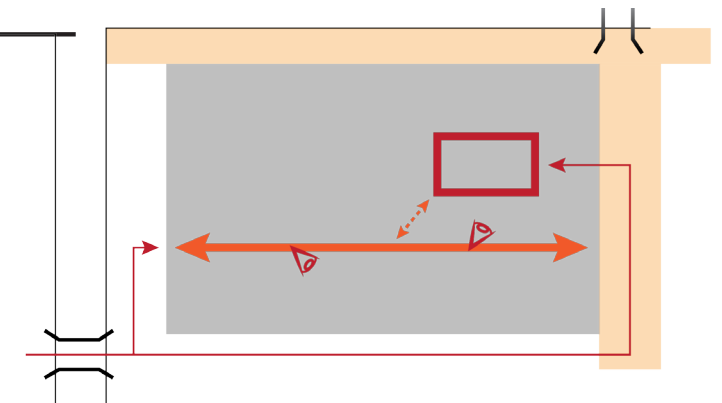
Visual relation with the activity

- Visual relations cause inspiration and participations
- Ground level facade design to maintain a relation

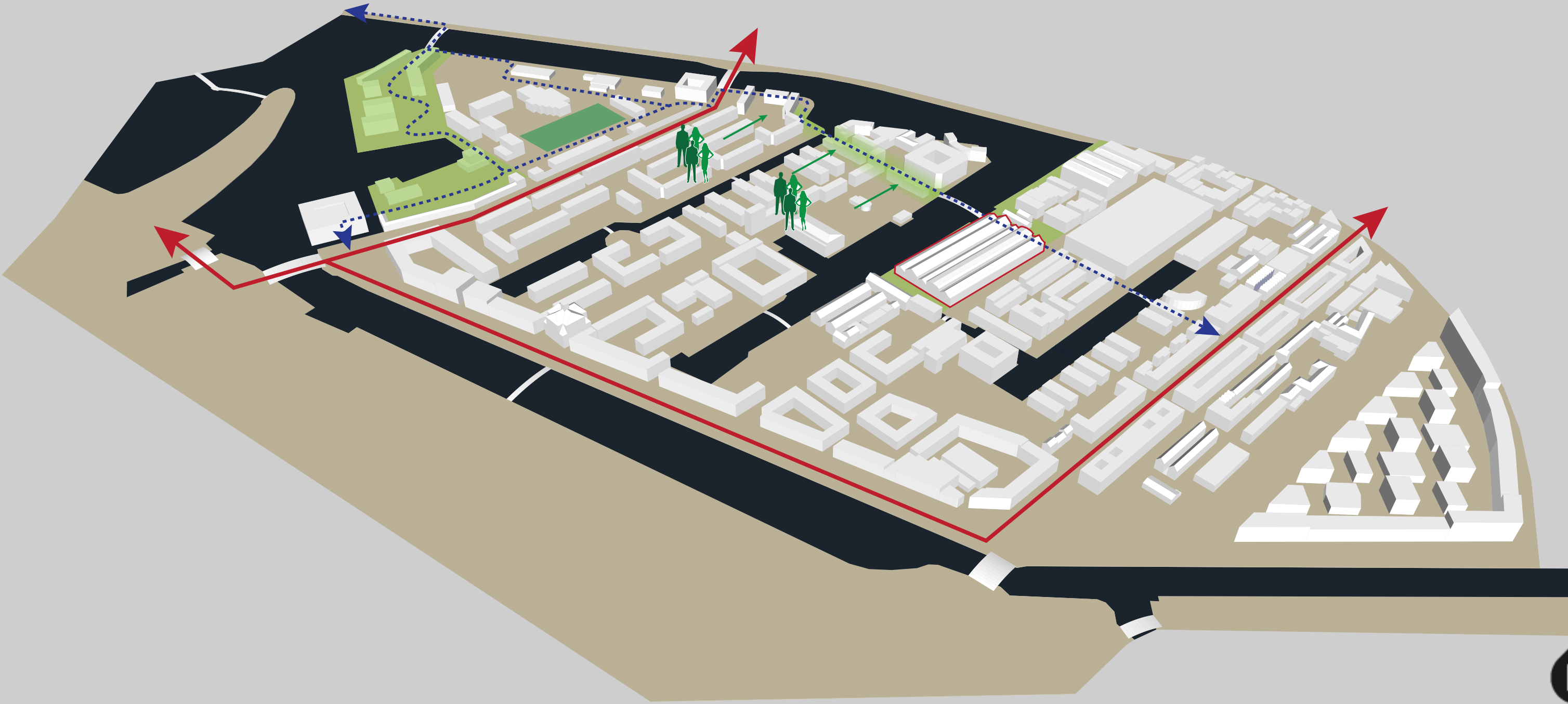


In close proximity to the activity

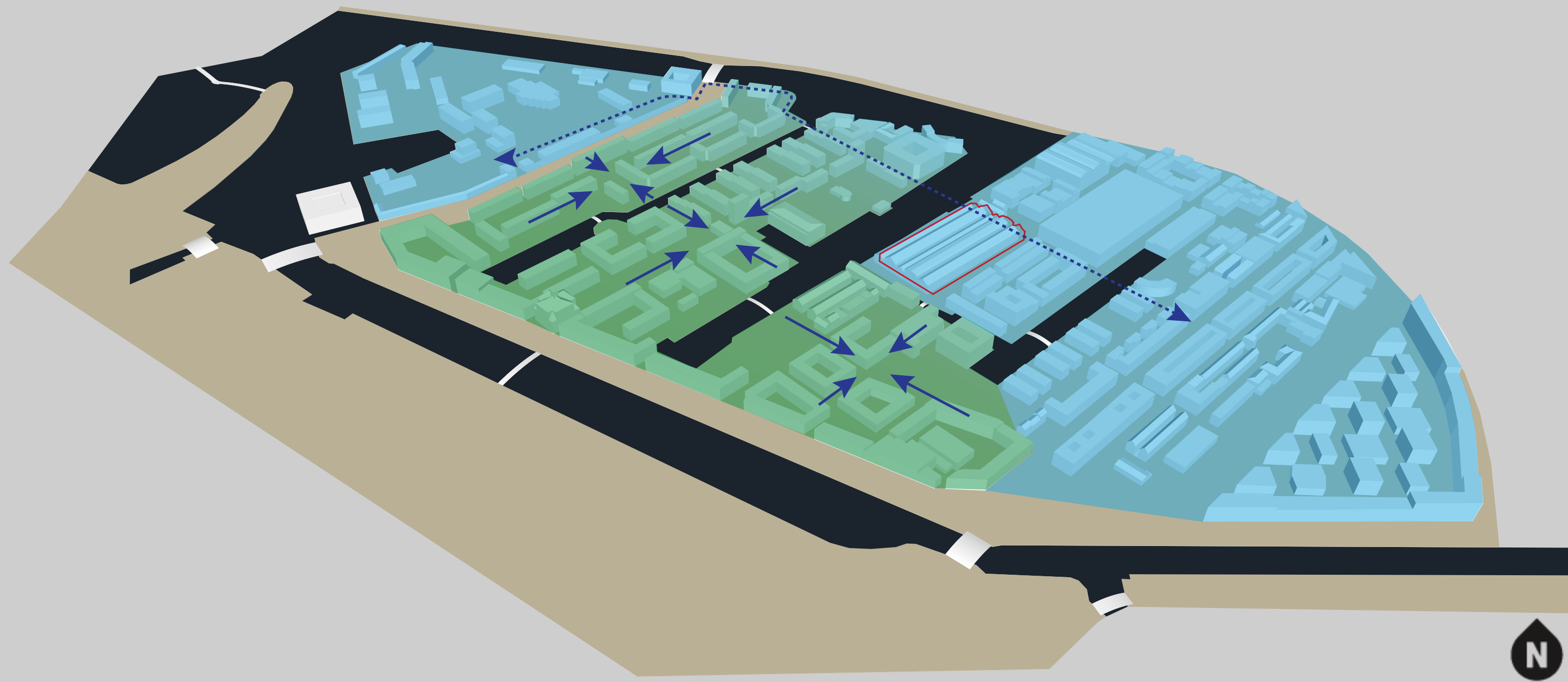
- Avoid unnecessary long routes
- Shortcuts to close the gap
- Pleasant experience of the route



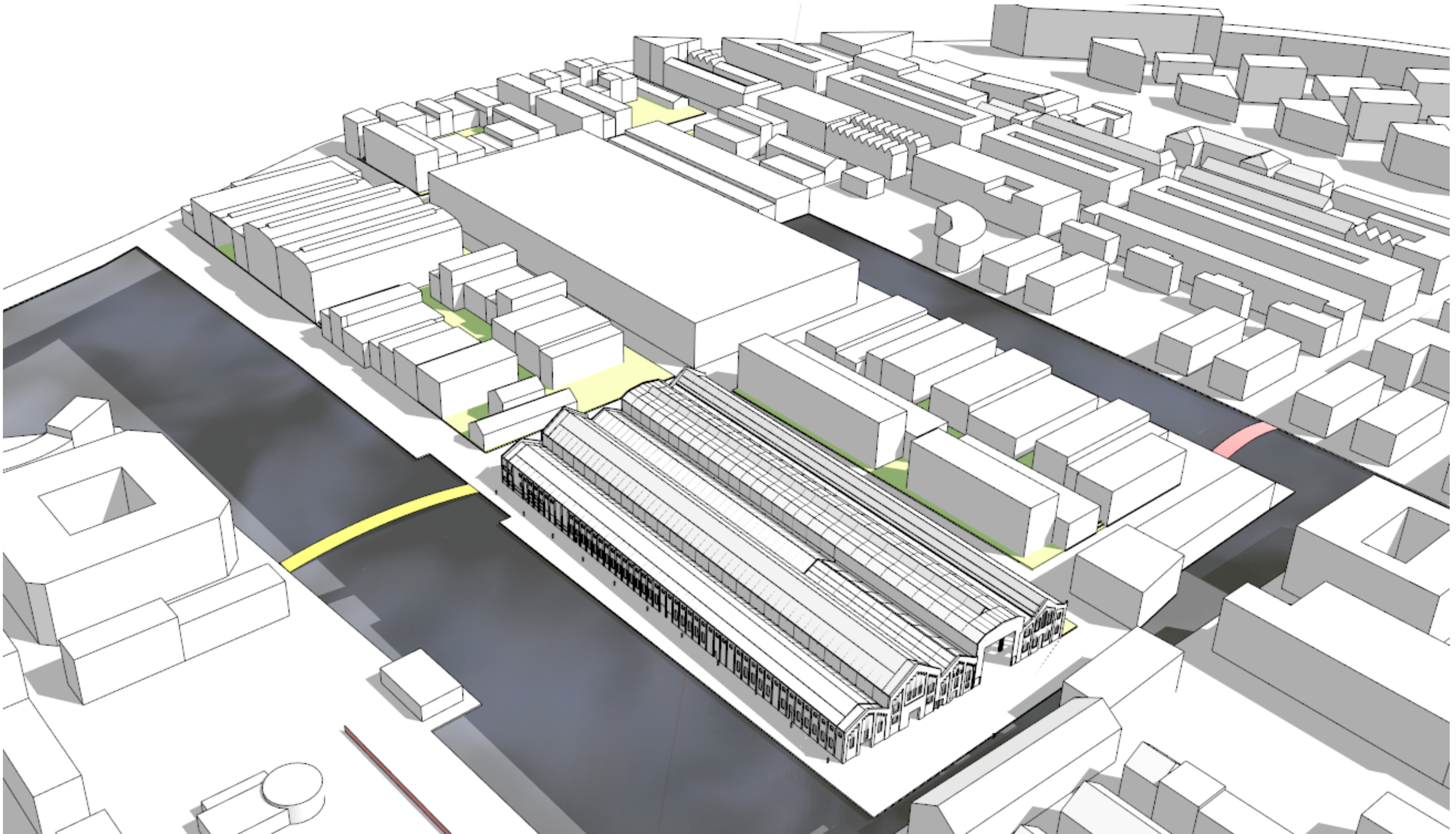
Problem creating this social mix specific to van Gendt



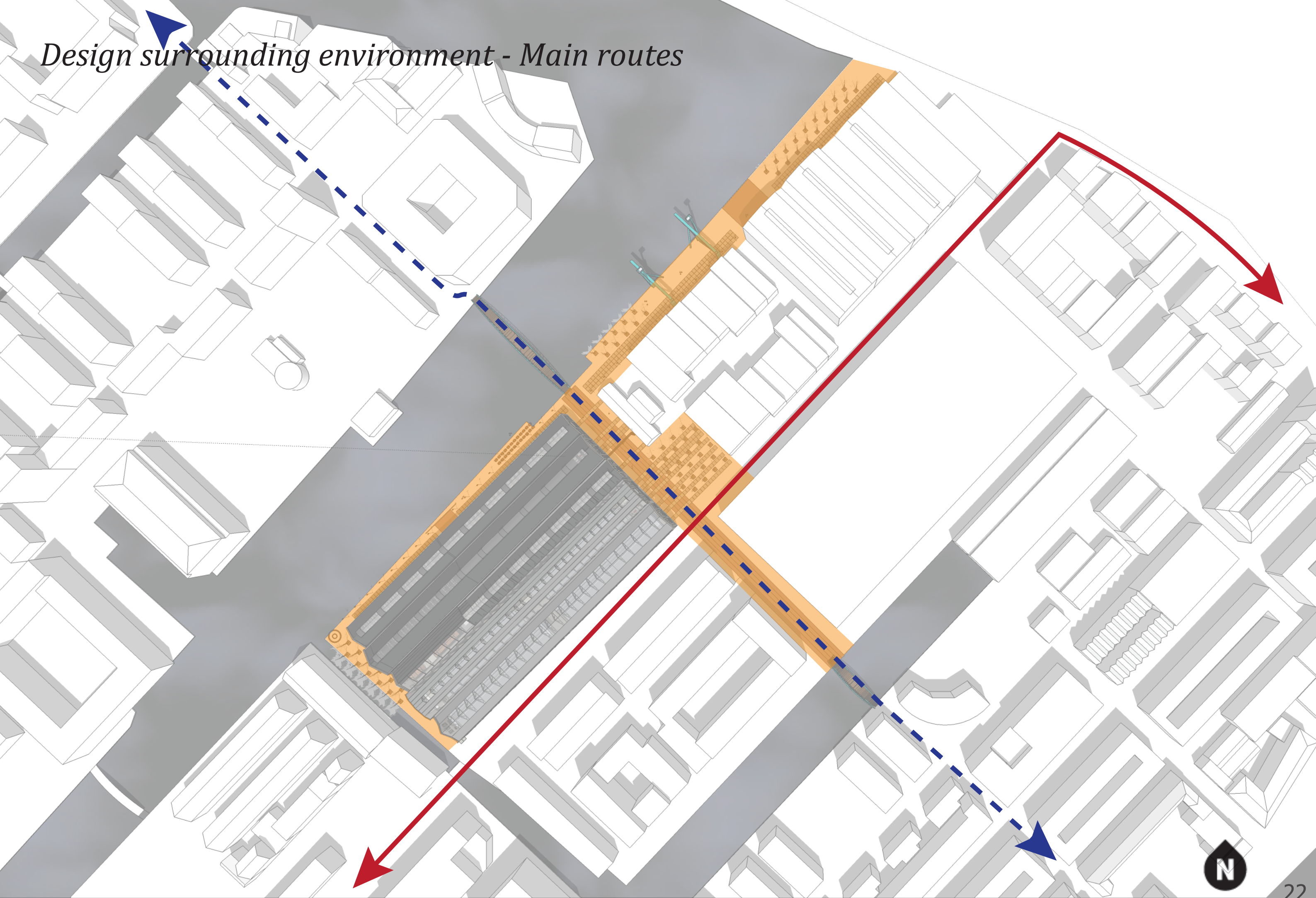
Connection of the Islands - Current situation



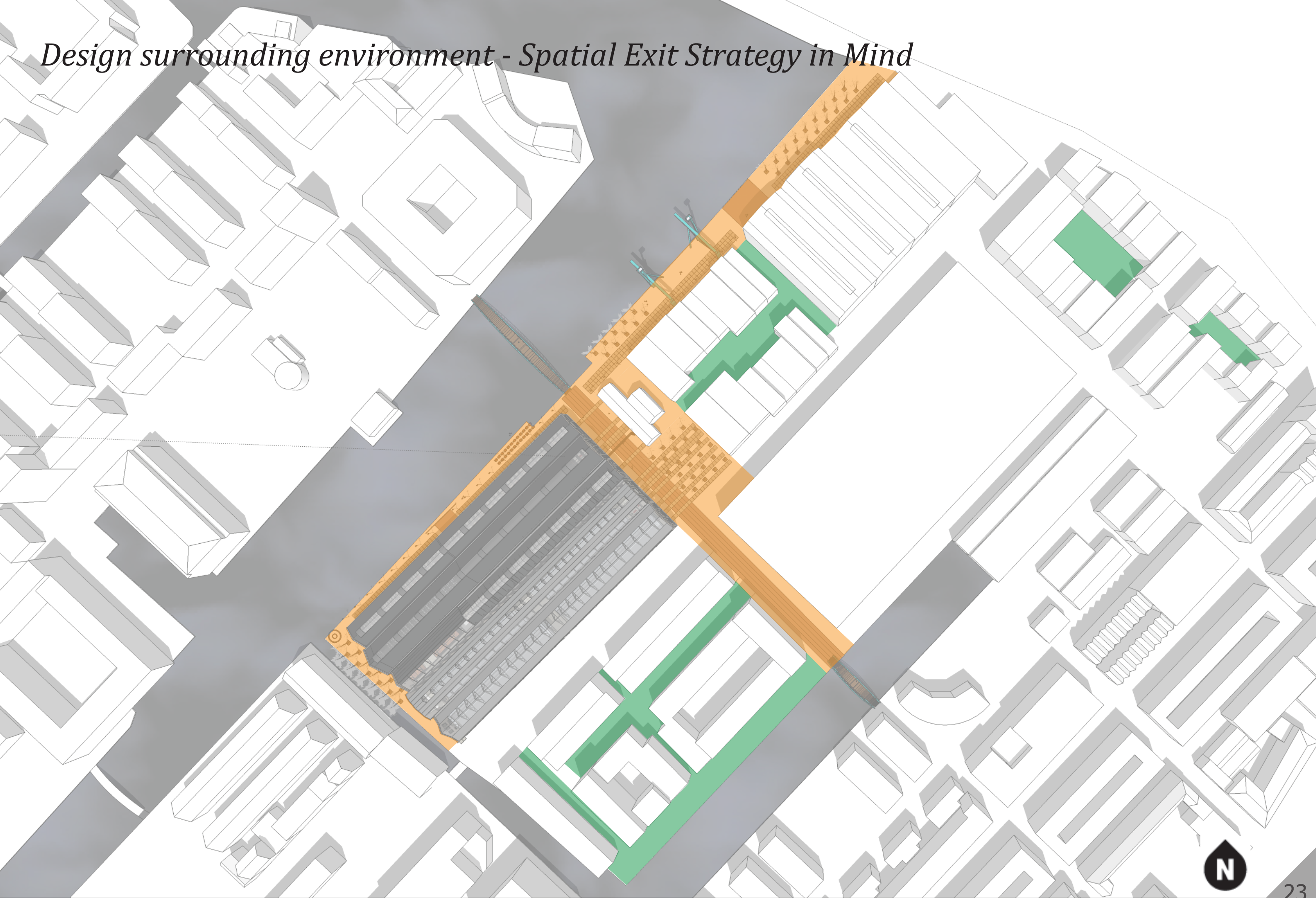
Design surrounding environment



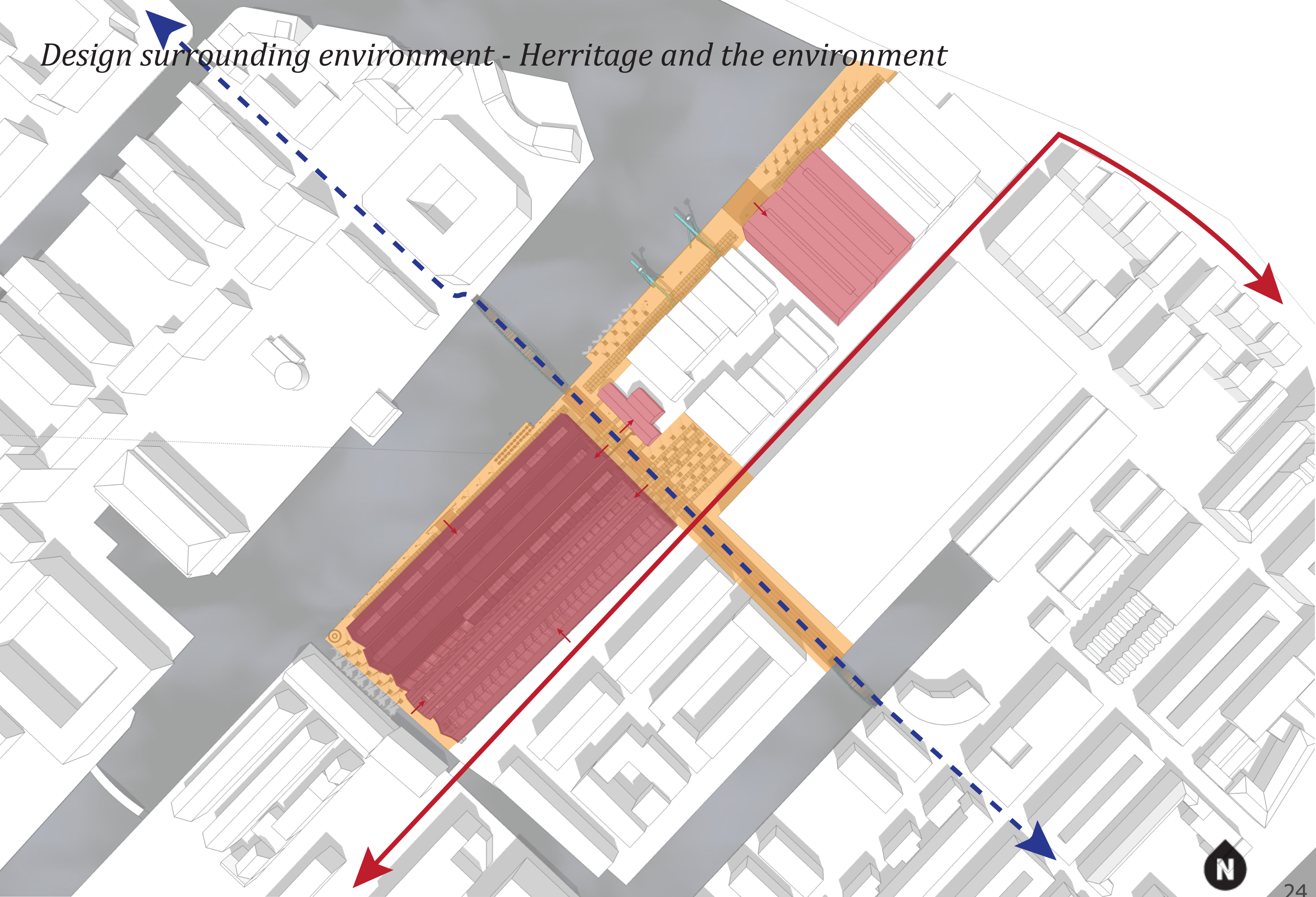
Design surrounding environment - Main routes



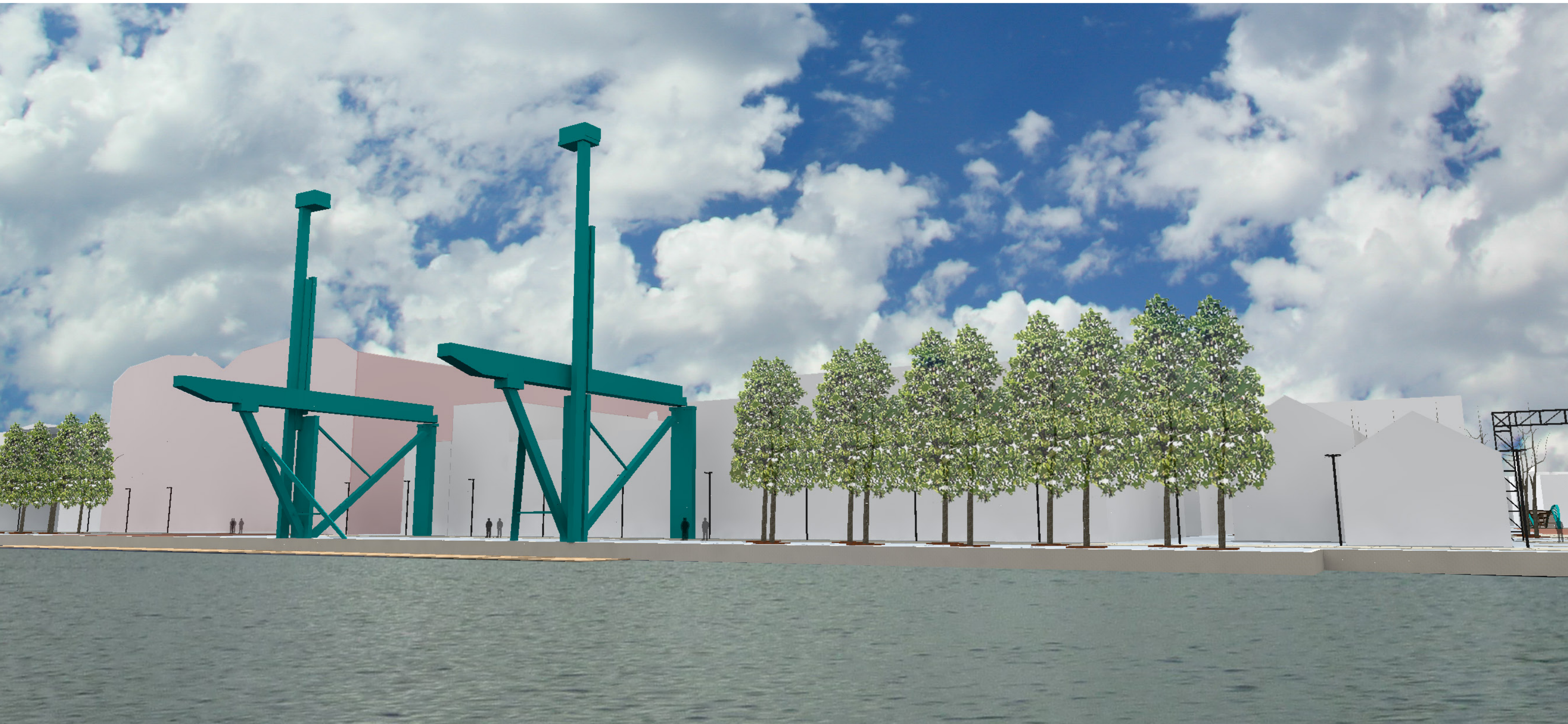
Design surrounding environment - Spatial Exit Strategy in Mind



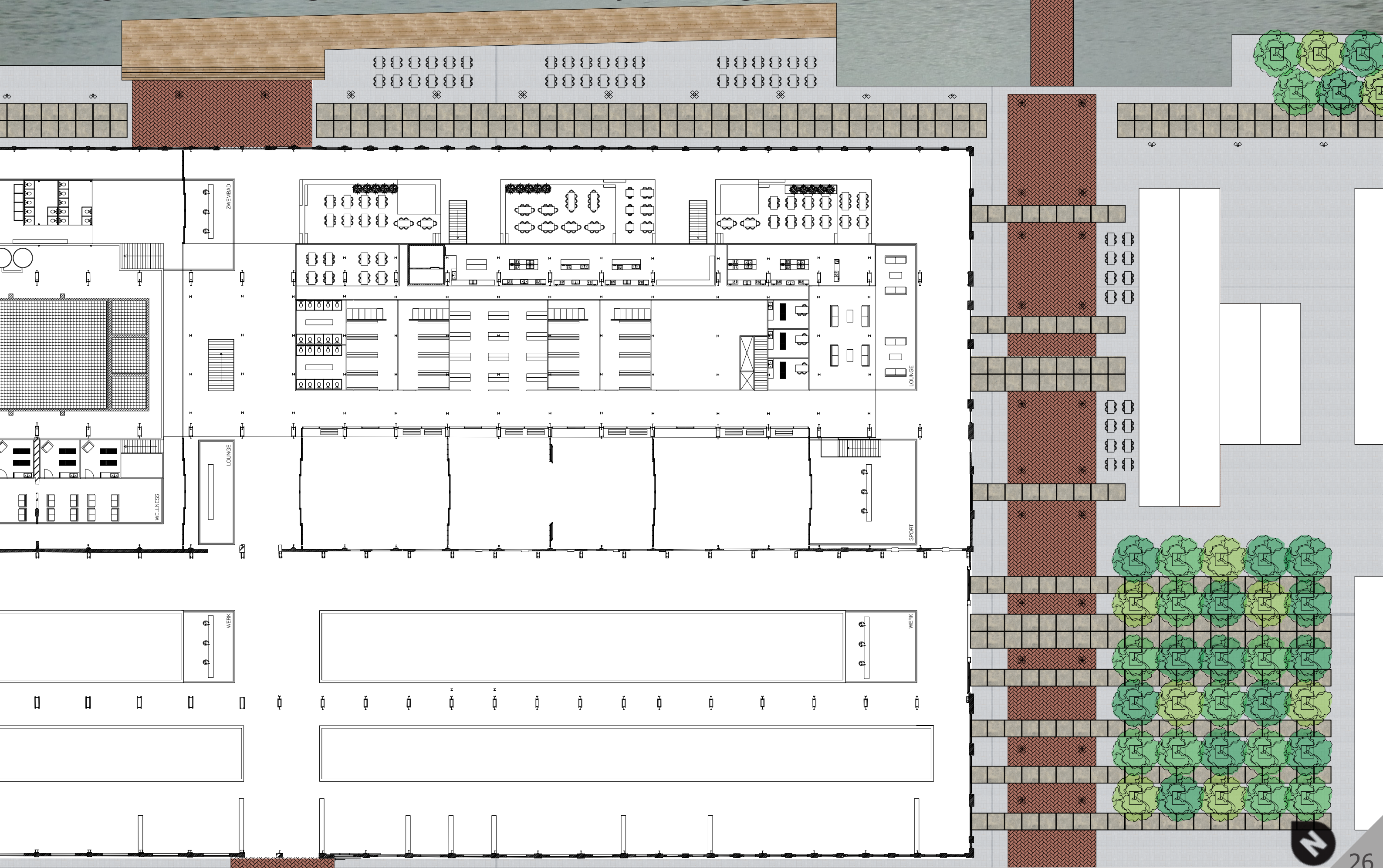
Design surrounding environment - Herritage and the environment



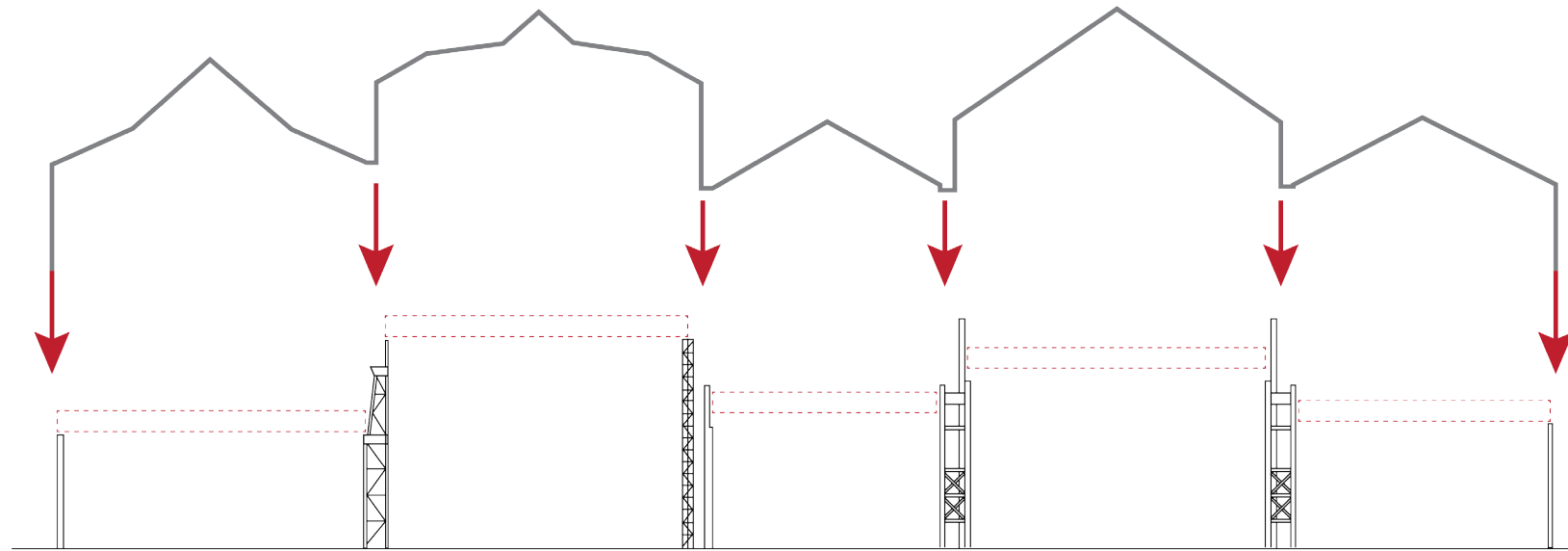
Design surrounding environment -Heritage as an expressive element



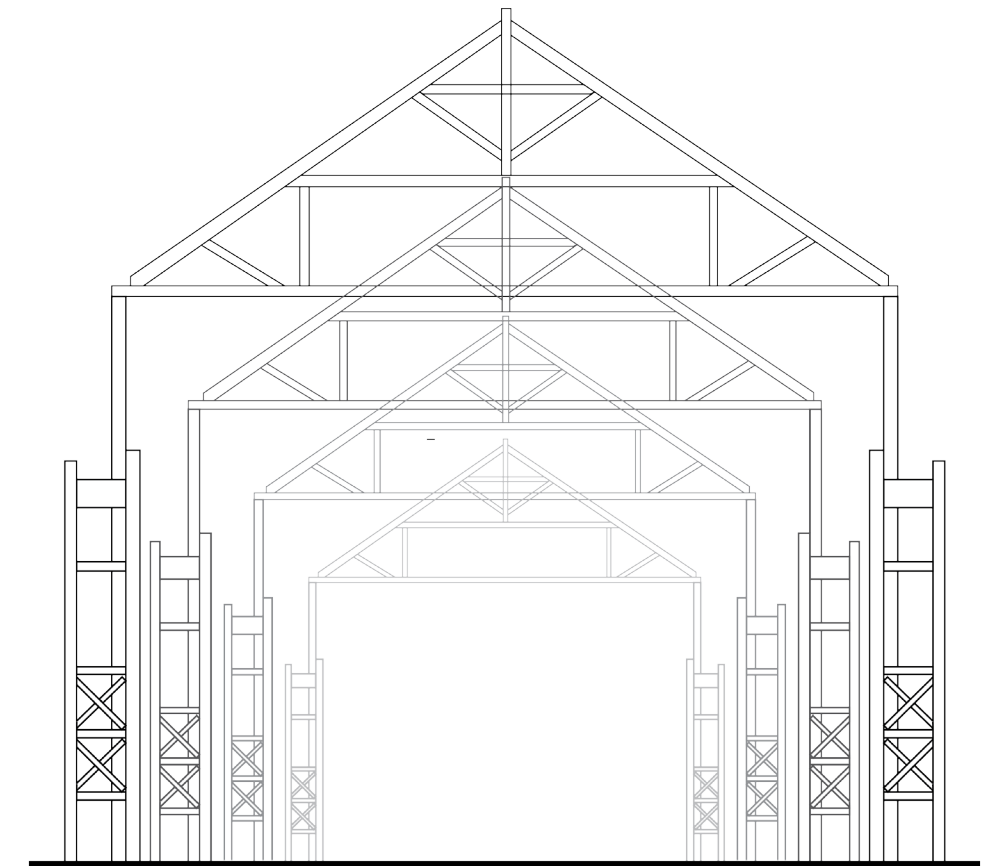
Design surrounding environment - Use of buildings character



The core principles of van Gendt

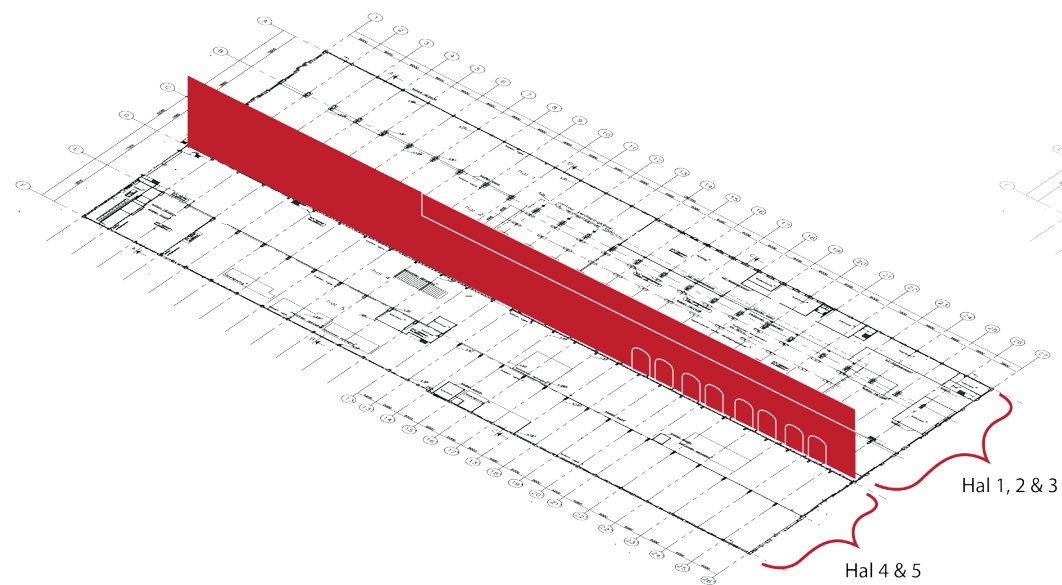


The Halls function as a covered overhead crane

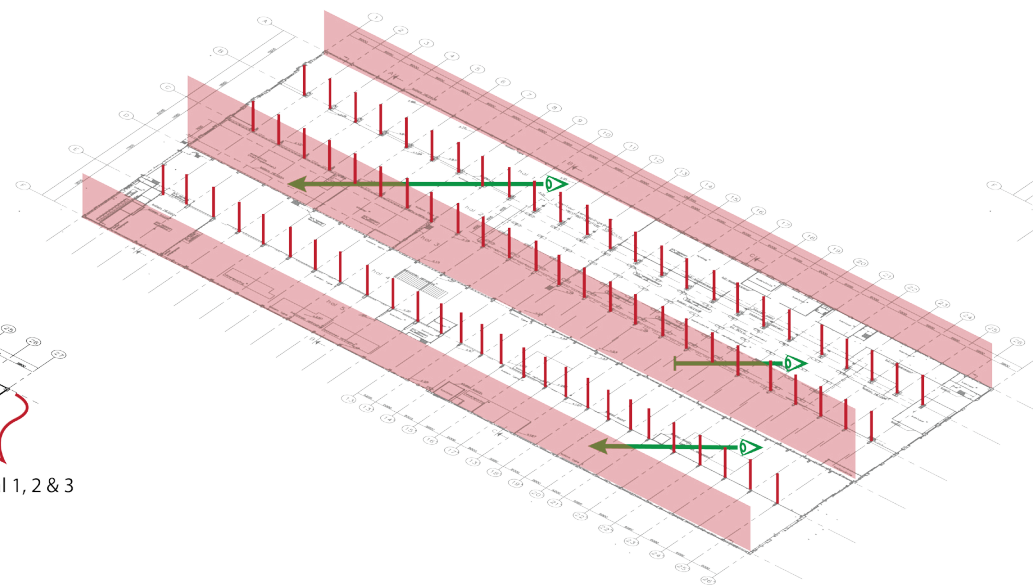


The repetition of the construction emphasizes the length of the halls and provide a monumental experience

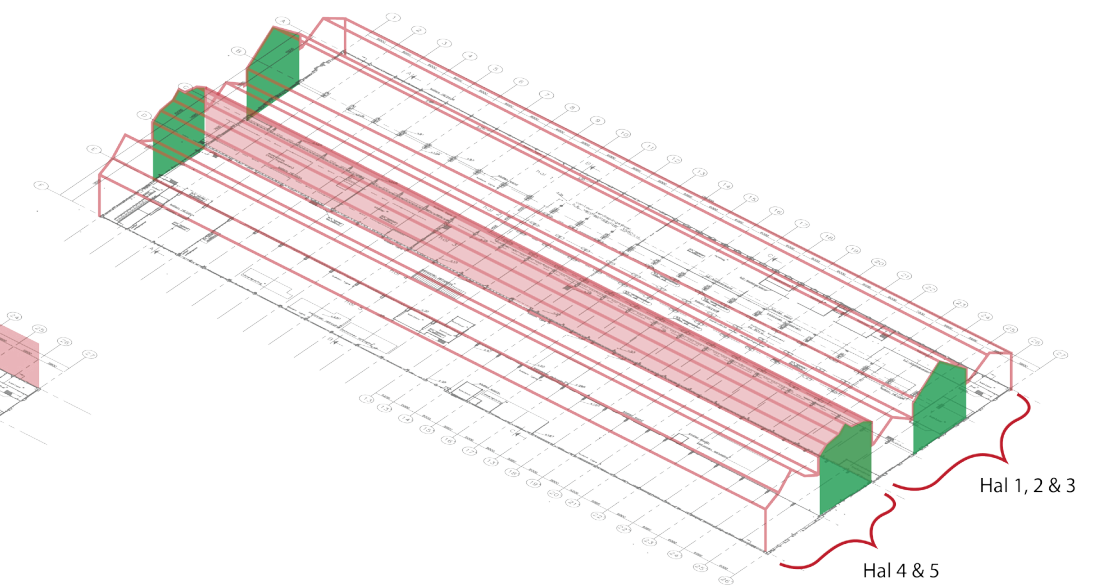
Value of van Gendt



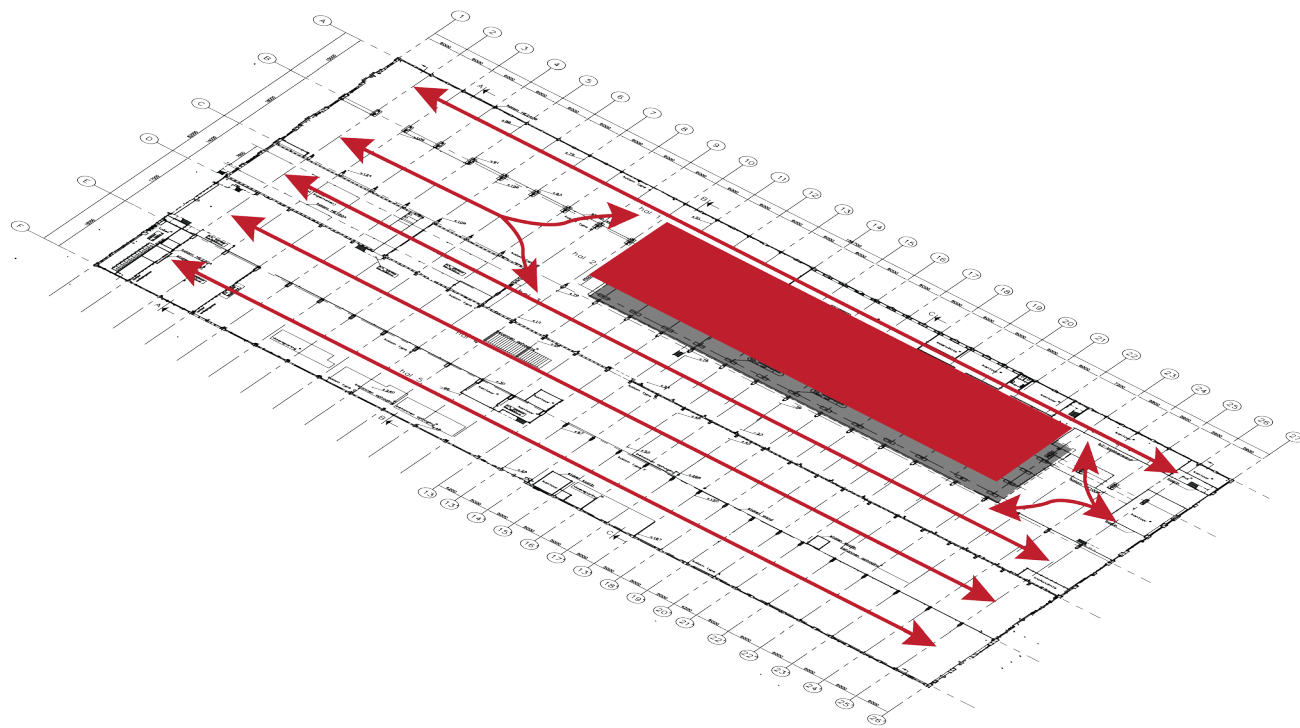
Oldest wall of the building mephasize the layered past of the building and functions as a devider between hall 1,2&3 and hal 4&5



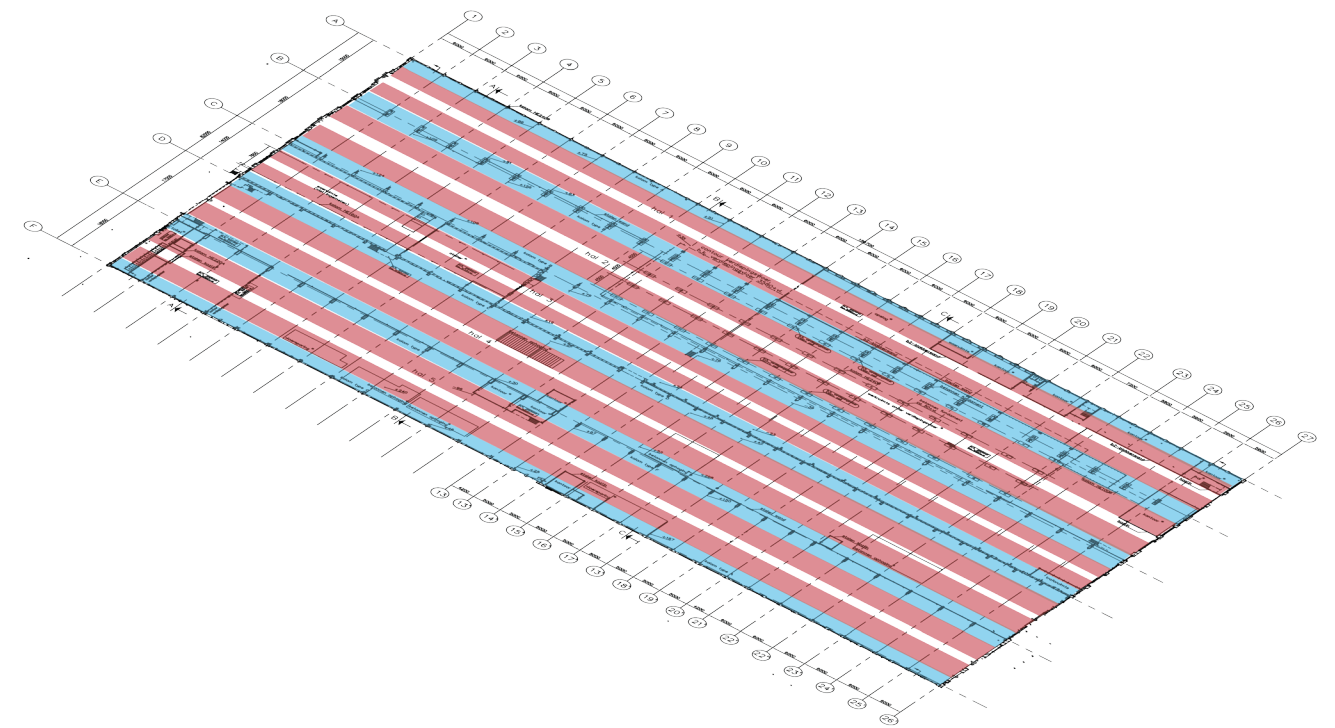
The diagonal sight through the columns emphasize the relation between different hals and confirm their connection



Although the building is created in different stages, there is a hierargy between different halls

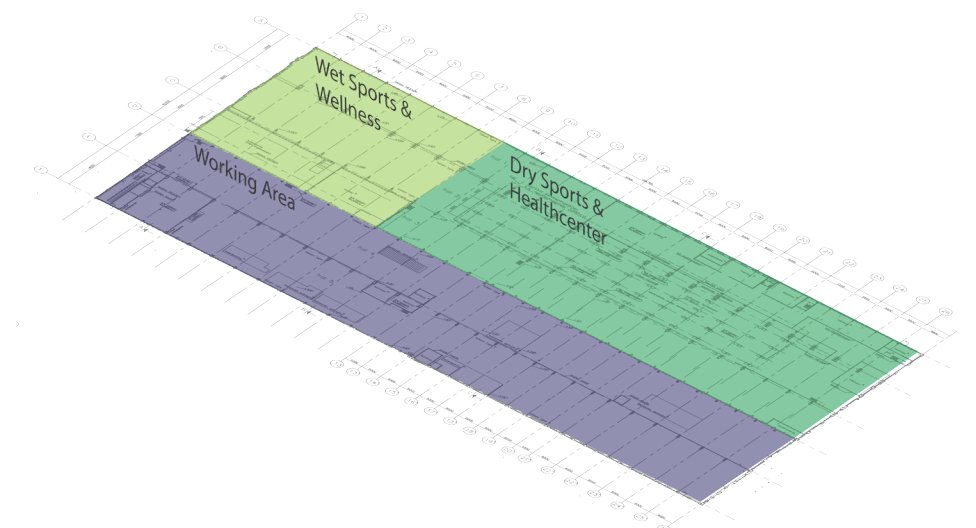
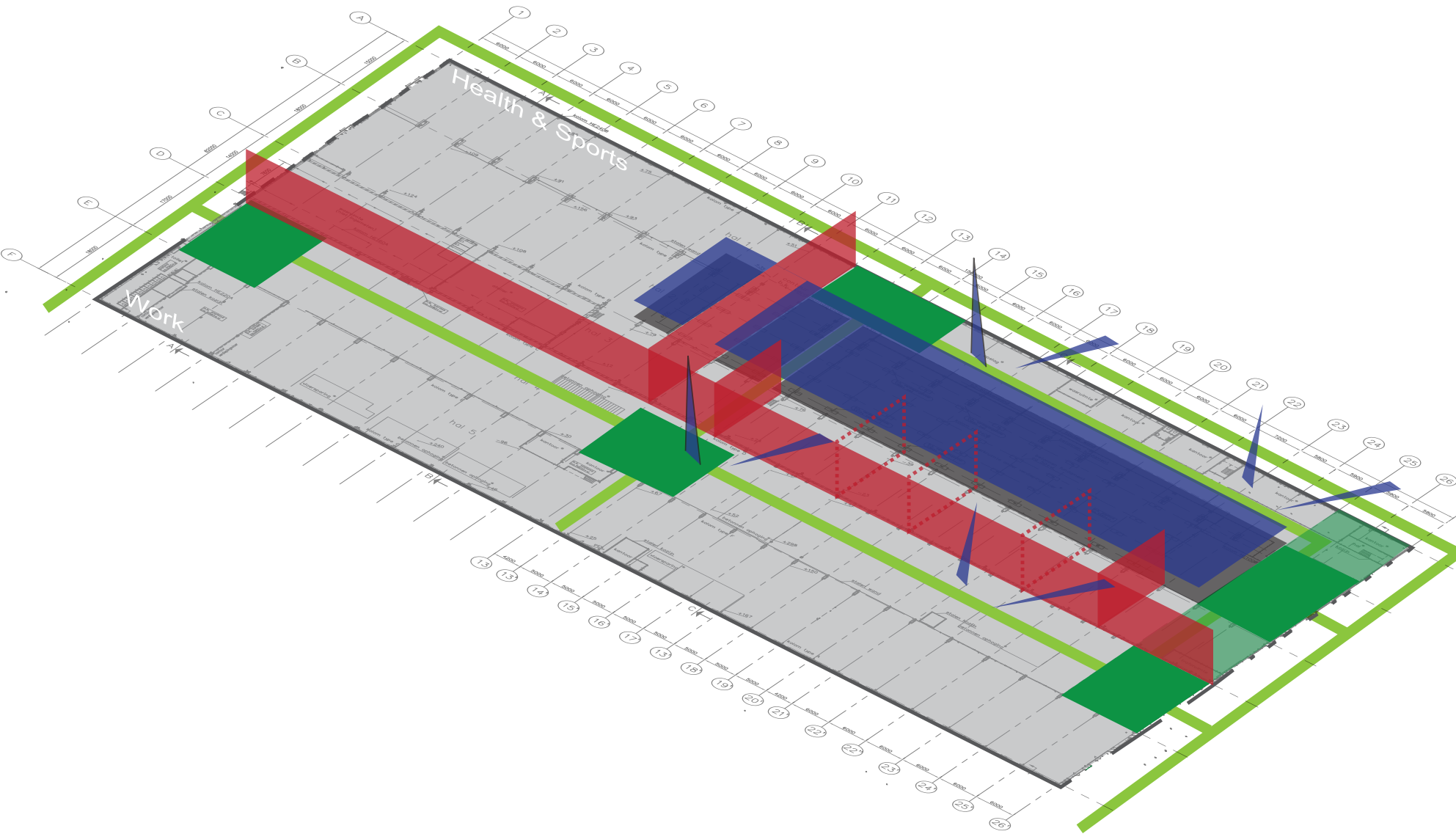


The platform created in hall 2 forms a contrast with the lenght of the halls and confirm the pragmatic view on the building from the past

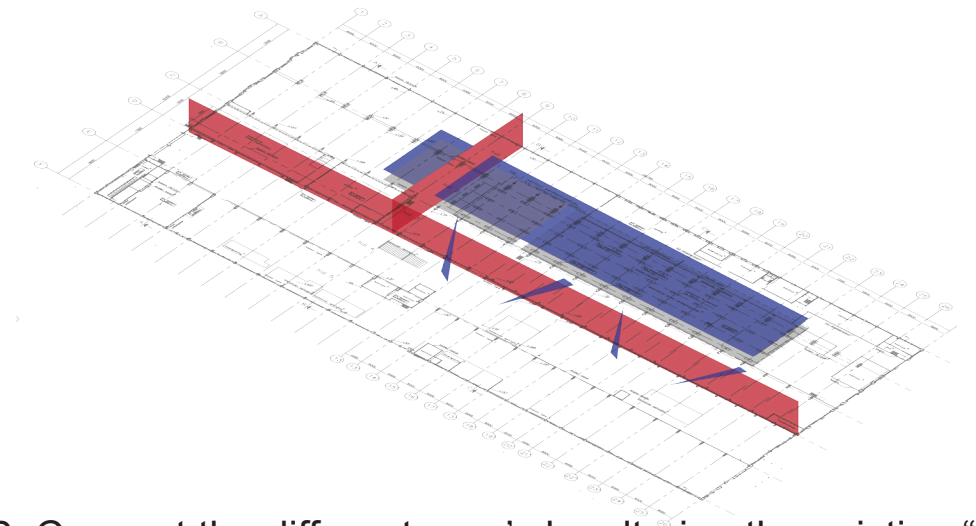


The function of the construction as a tool had a great impact on the use of the building. the sides of the halls functioned as intimide work areas which can be reinterpet.

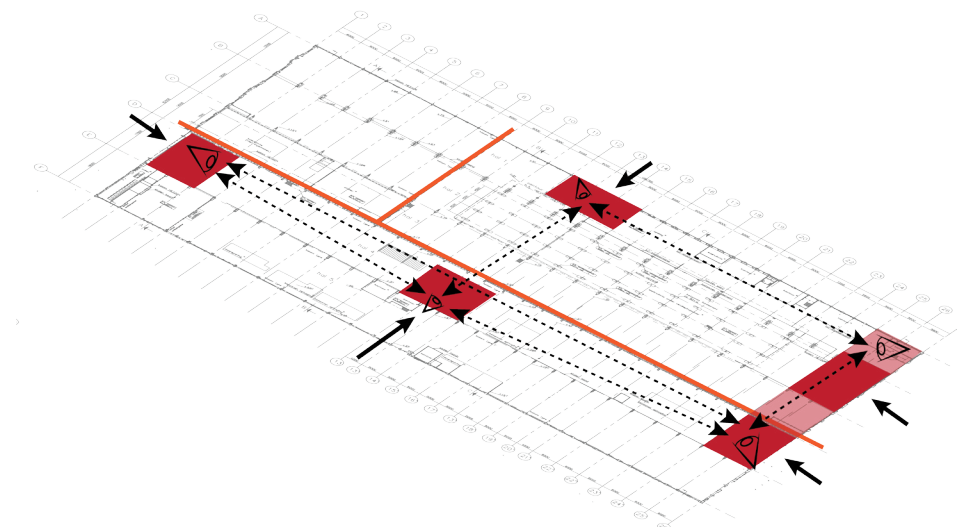
Concept “Welcoming van Gendt”



1. Divide the area of van Gendt by its current structure



2. Connect the different area's by altering the existing “high value” elements of van Gendt, leaving its value in tact.



3. Organise the building entrances and routes though these high value elements by the means of nodes in the building

Design surrounding environment - Overview of entrances



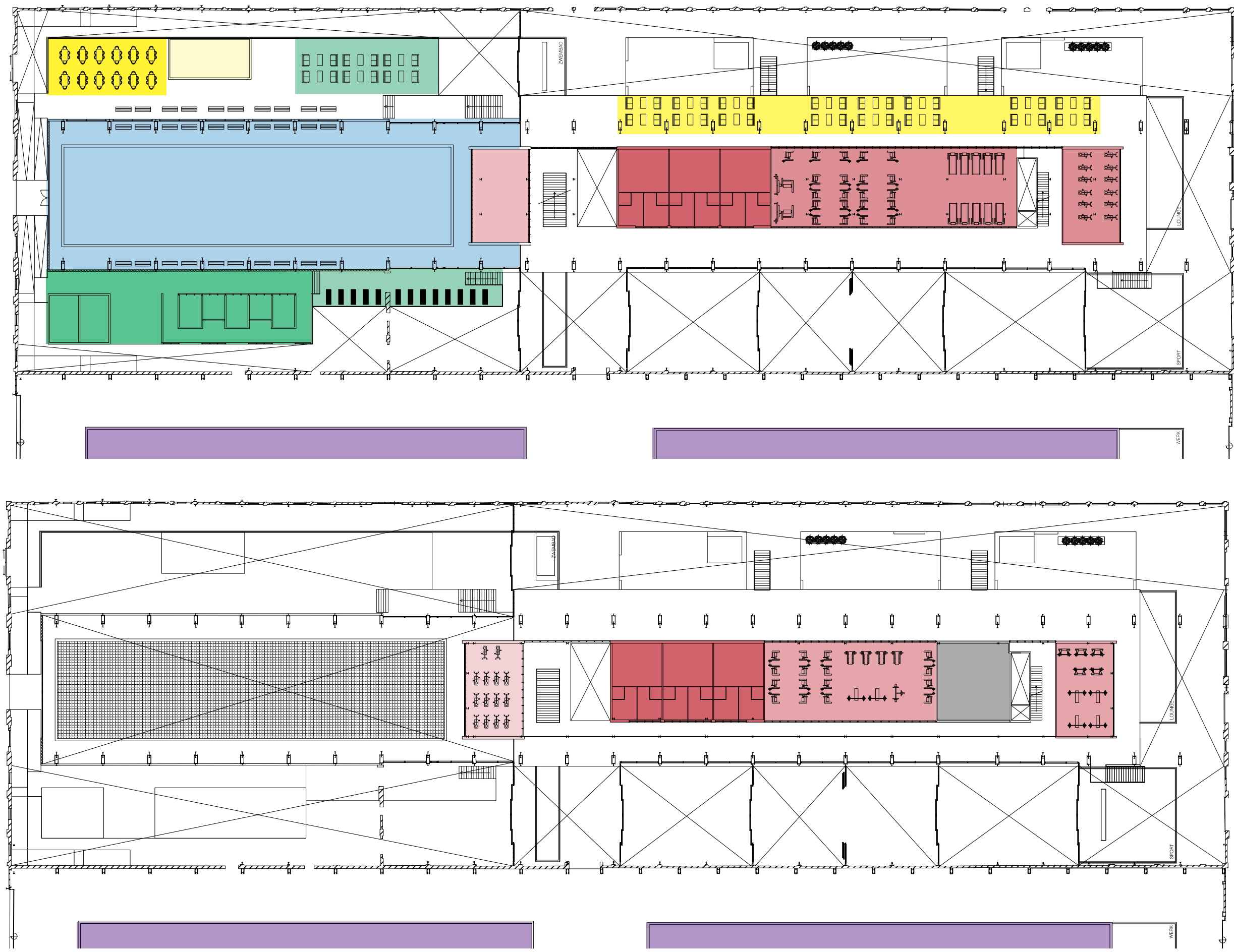
Design van Gendt - Functions



- | | | |
|-----------------------|----------------|---------------|
| Restaurant | Dressing area | Sportshall |
| Kitchen | Lockers | Dressing room |
| Workshop | Showers | Lockers |
| Presentation room | | Storage |
| Entrance Healthcenter | Spa area | |
| Treatment room | Treatment room | Workspaces |

Design van Gendt - Functions

- Relax area
- Spa
- Workspaces
- Group spaces
- Fitness
- Squash
- Pool
- Restaurant
- Lounge



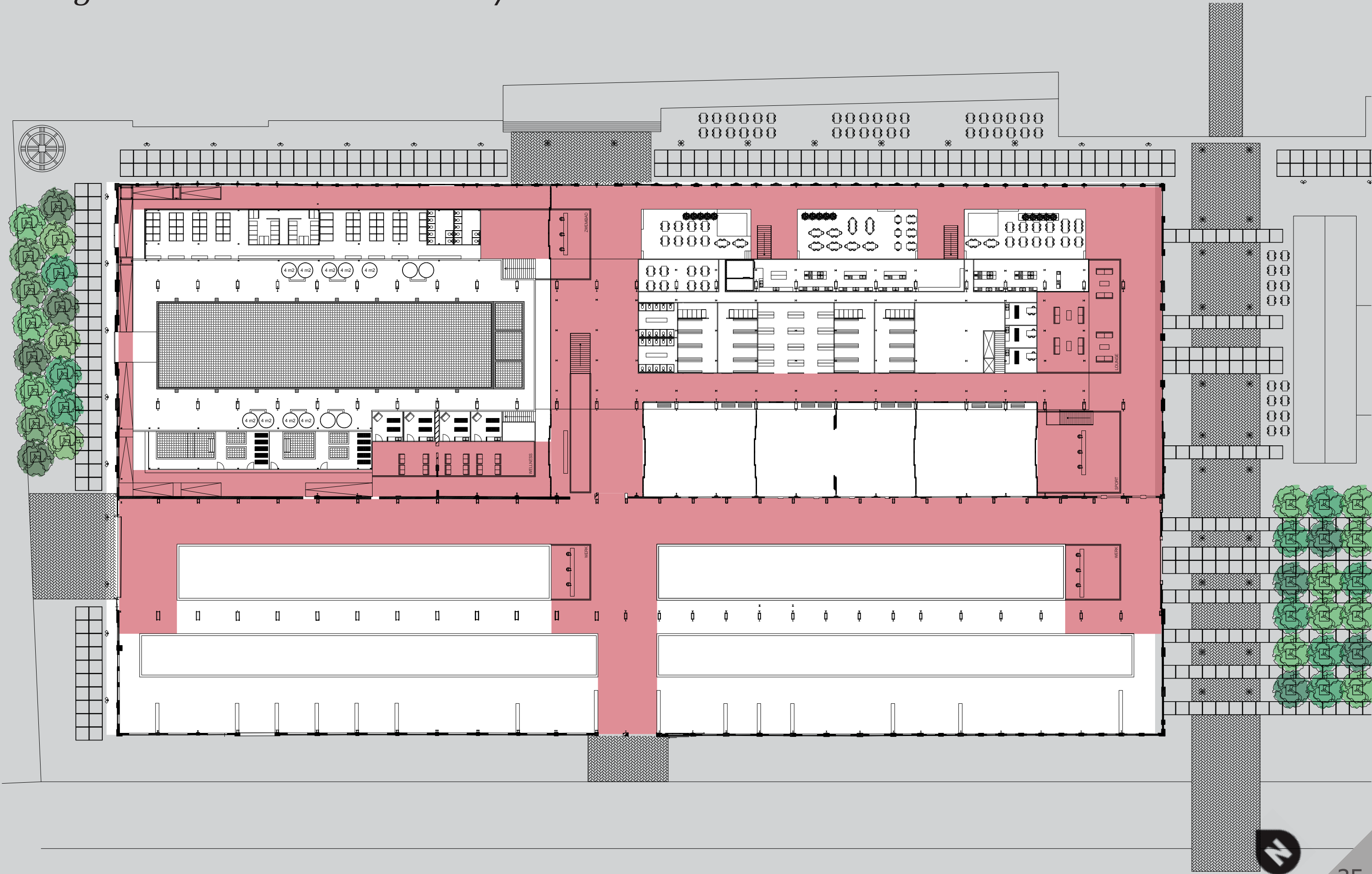
Design van Gendt - Transition to the building



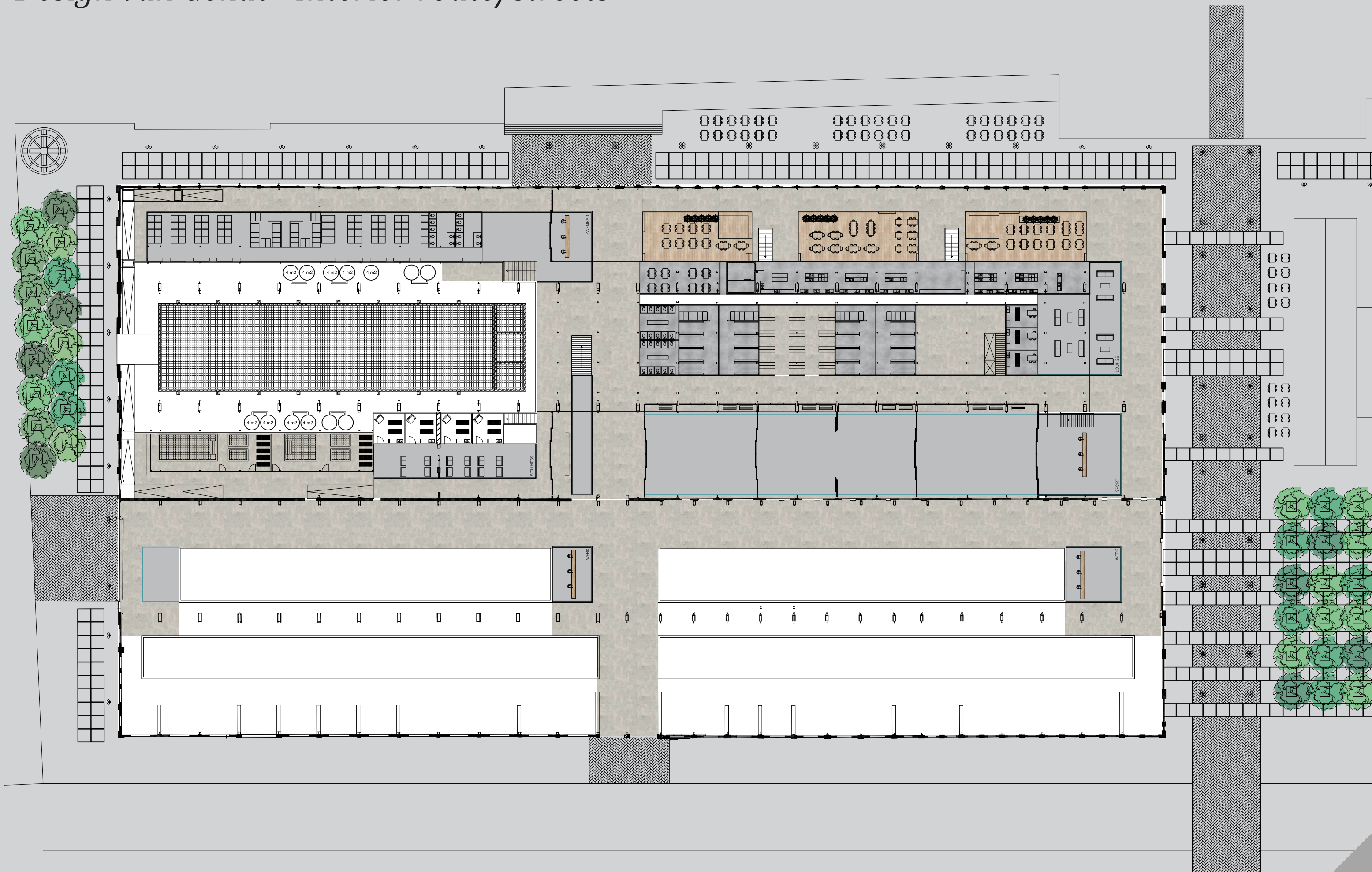
Design van Gendt - Vloertekeningen



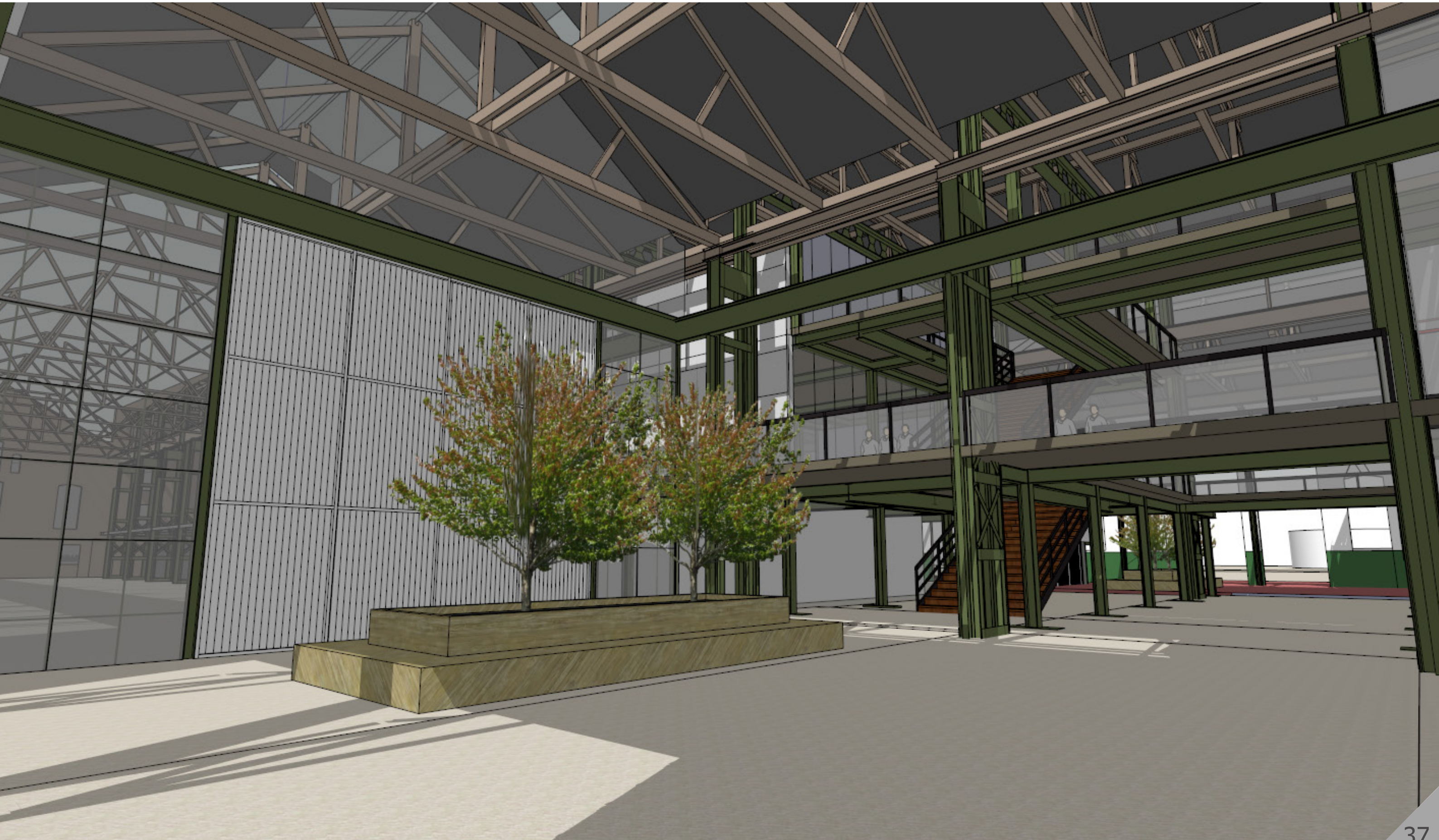
Design van Gendt - Interior route/streets



Design van Gendt - Interior route/streets



Design van Gendt - Interior route/streets



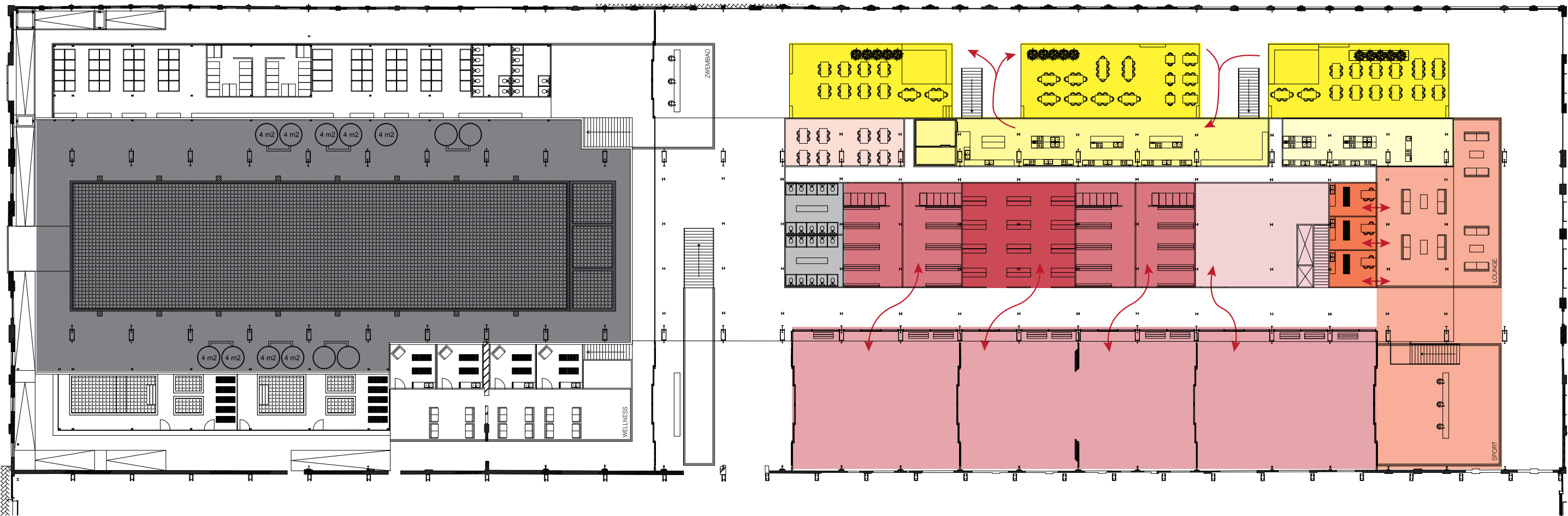
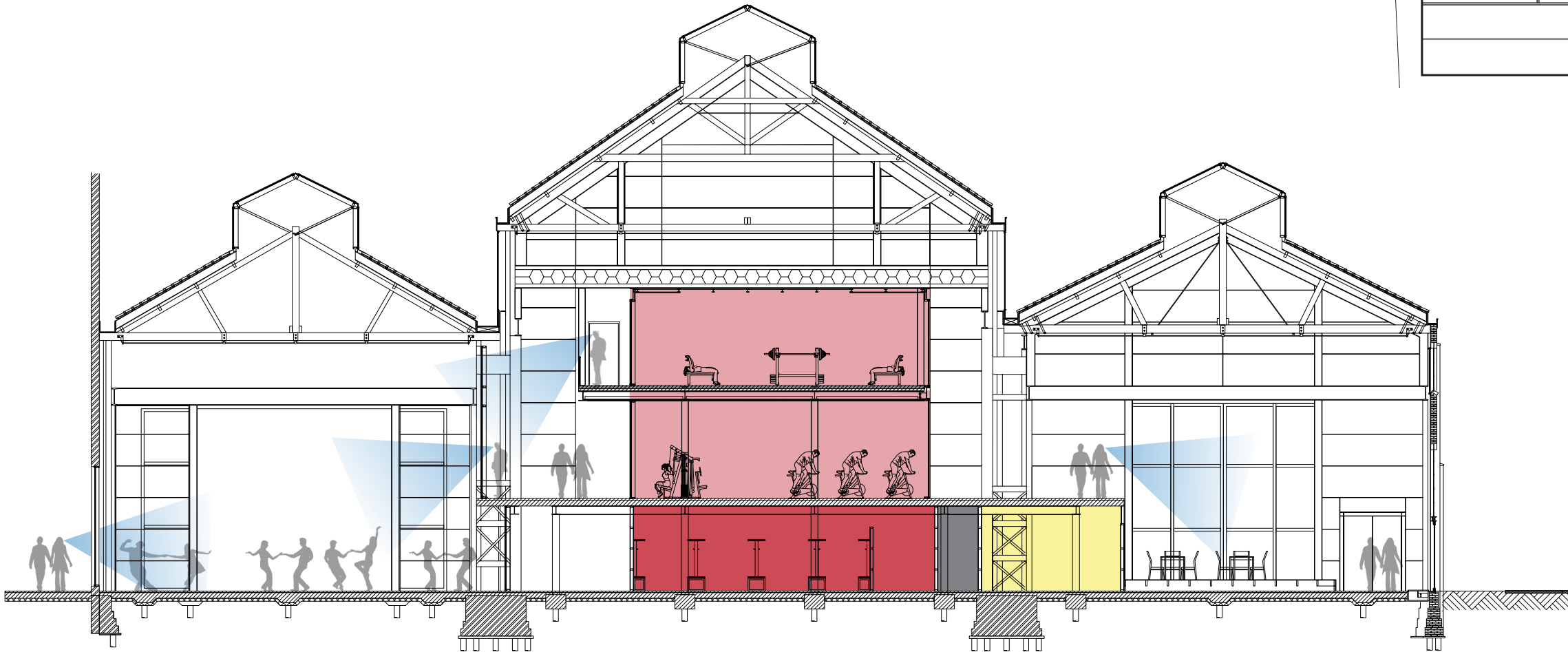
Design van Gendt - Sportblok



Design van Gendt - hal 2 - Sportsblock as connecting element



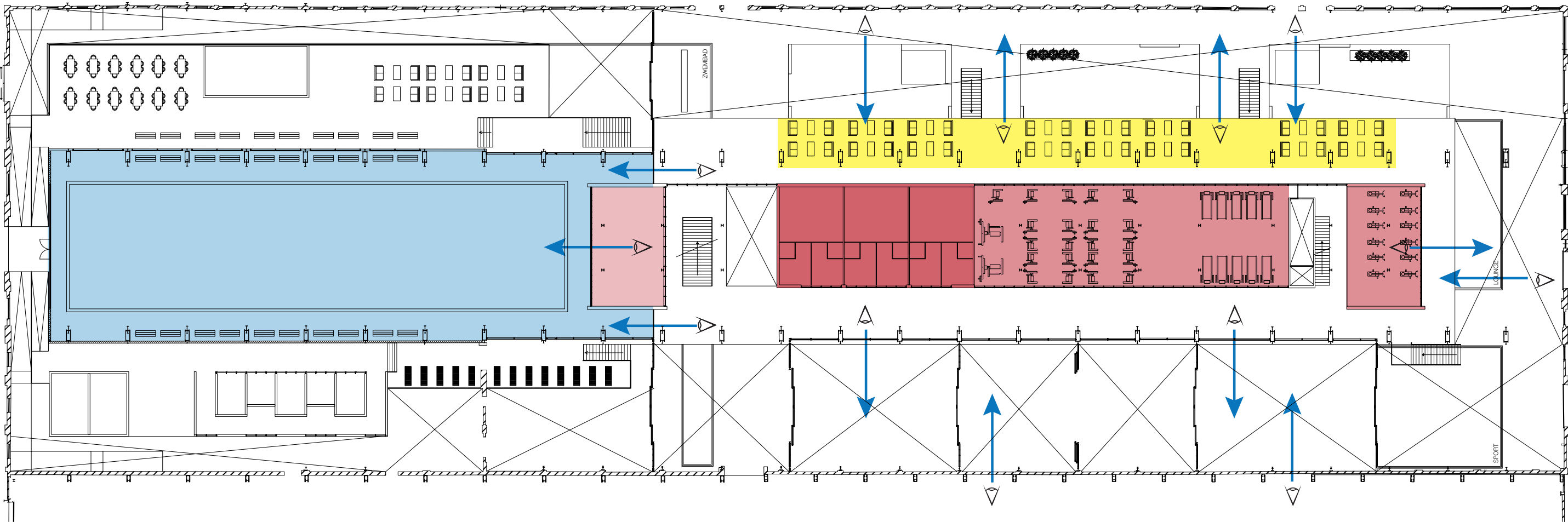
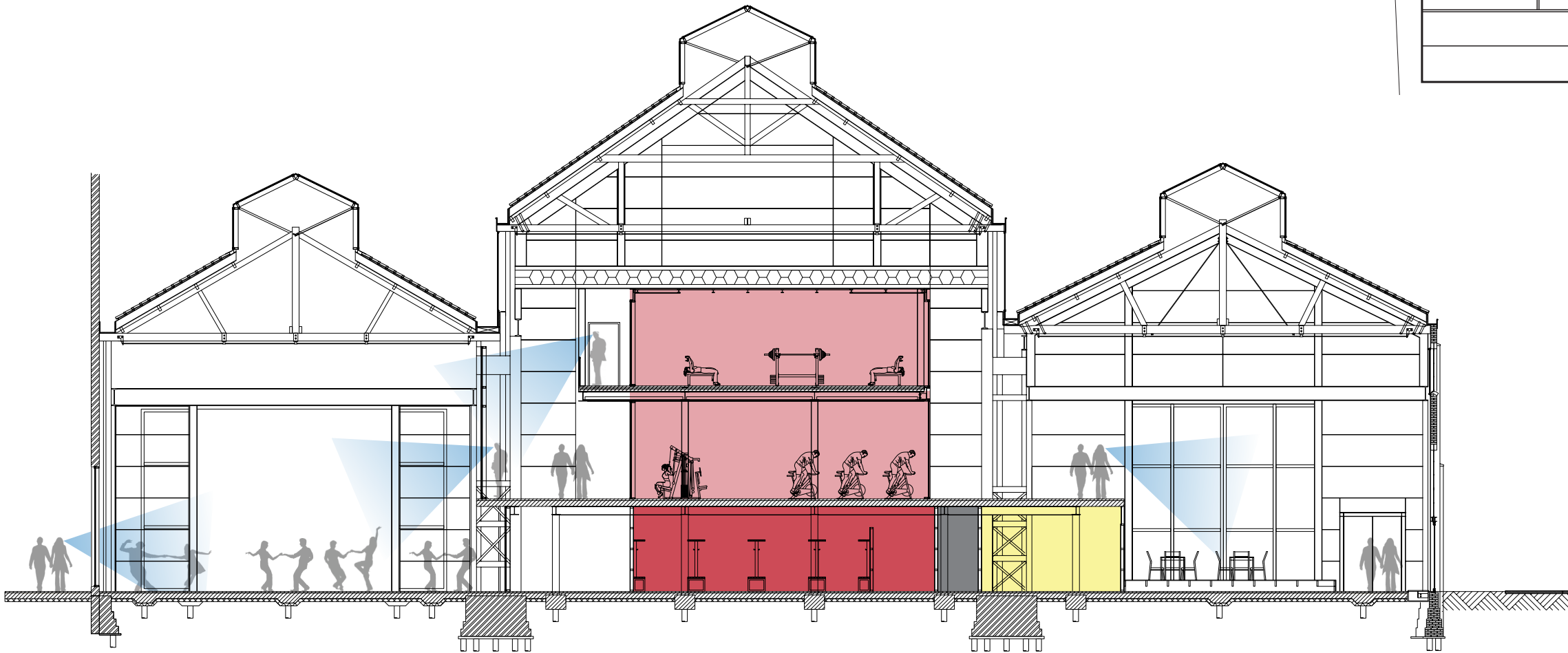
- Restaurant
- Kitchen
- Workshop
- Personel room
- Entrance Healthcenter
- Treatment room
- Sportshall / Fitness
- Dressing room
- Lockers
- Storage
- Technical area



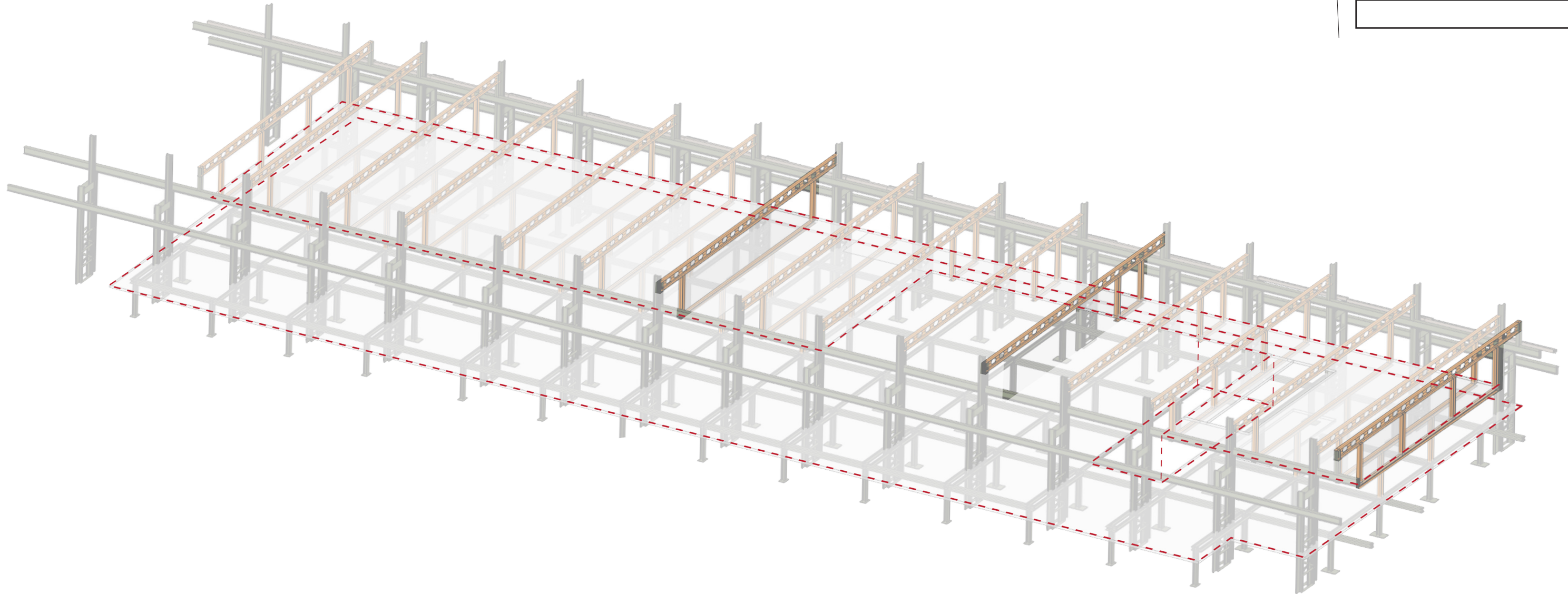
Design van Gendt - hal 2 - Sportsblock as connecting element between



- Kitchen
- Fitness
- Dressing room
- Technical area



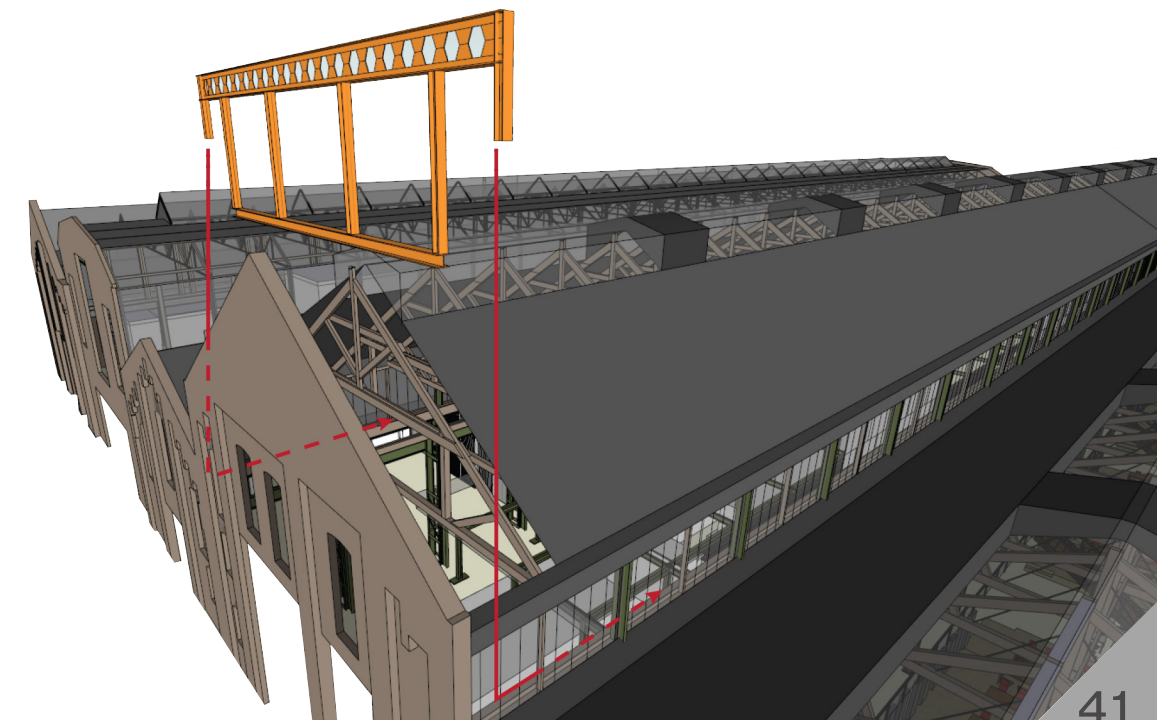
Design van Gendt - hal 2 - Sportsblock Construction Principles



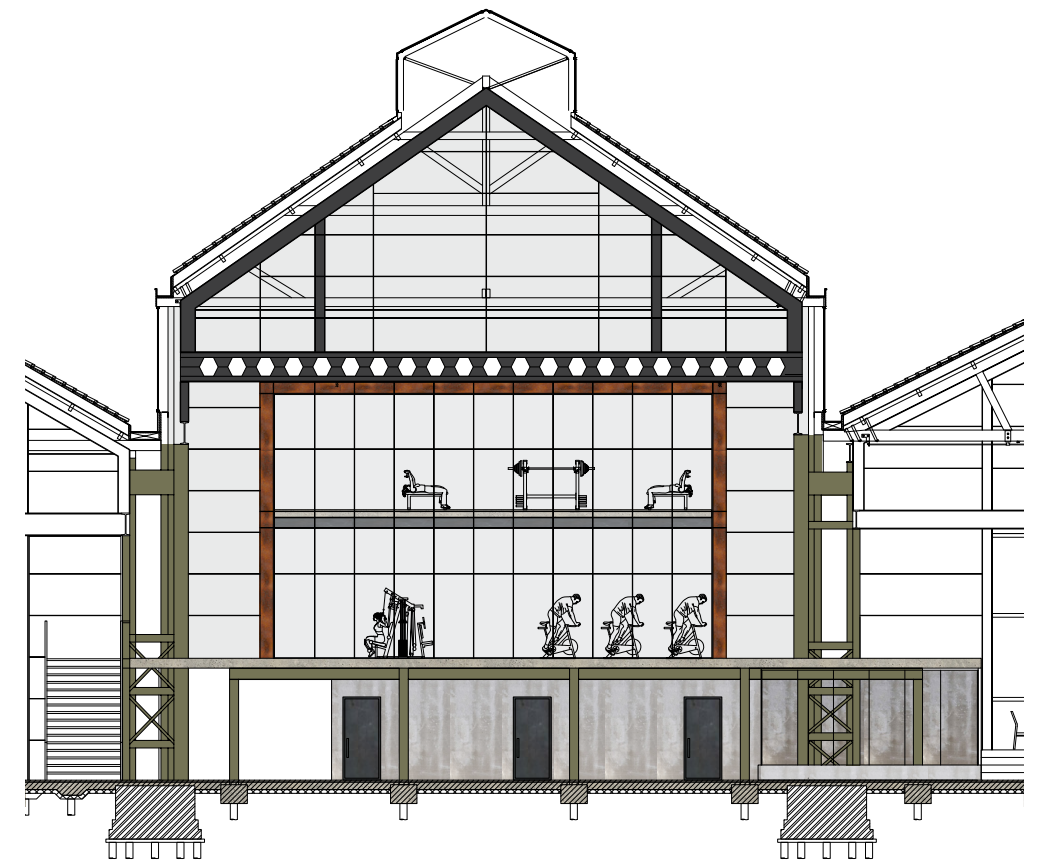
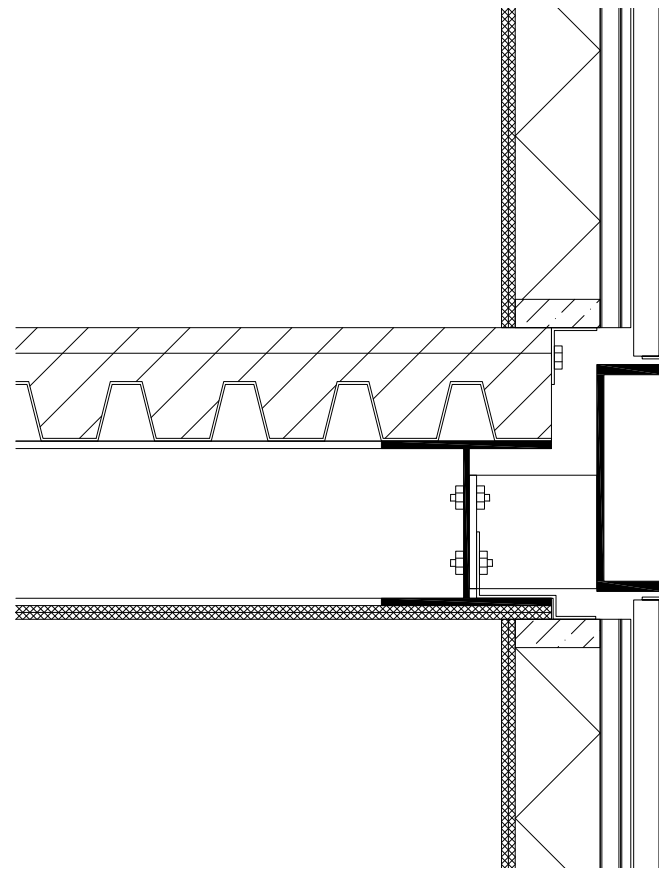
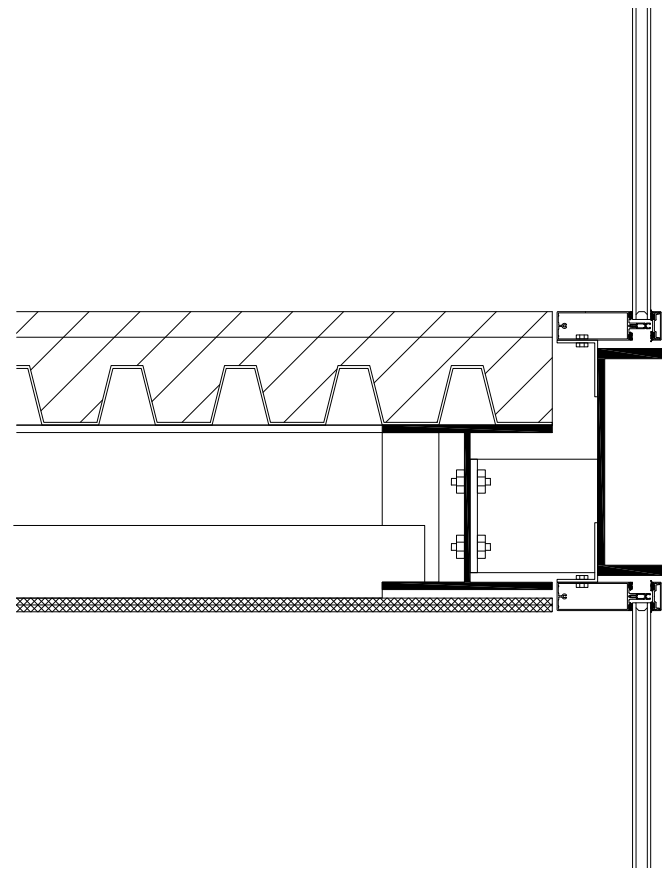
Intergrated construction design
Enabeling reuse of the construction

Close relation to the current spirit of Van Gendt

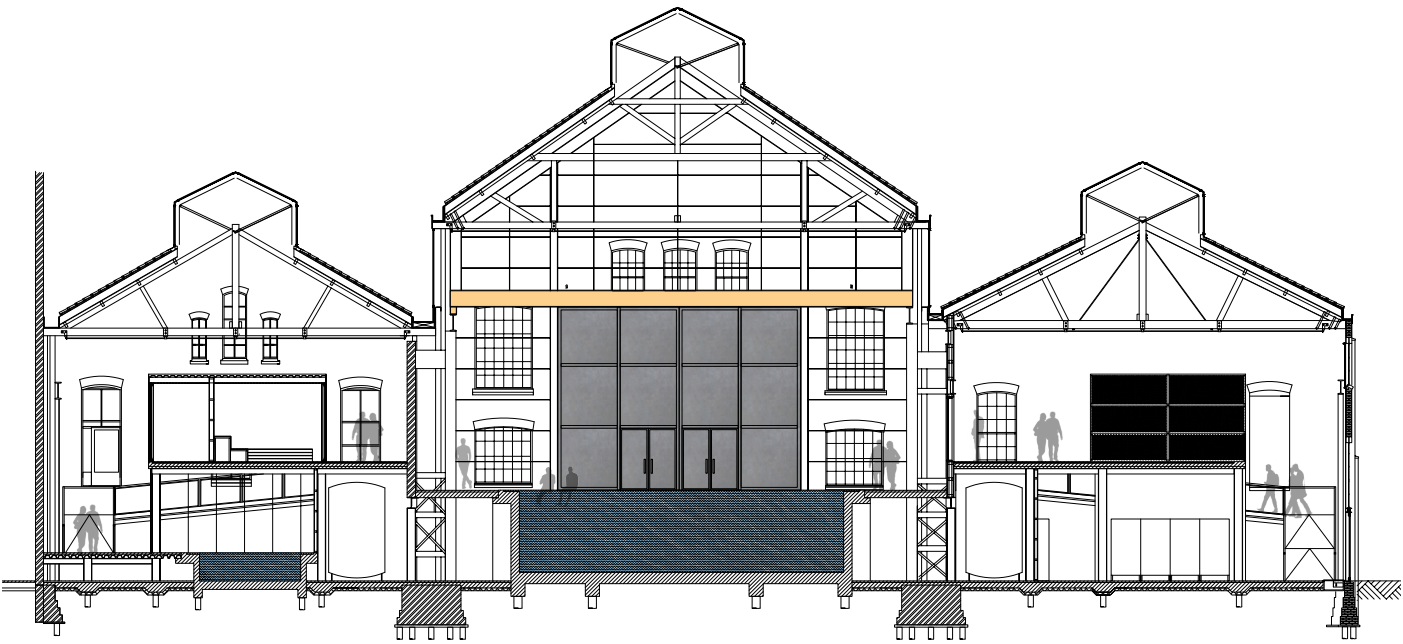
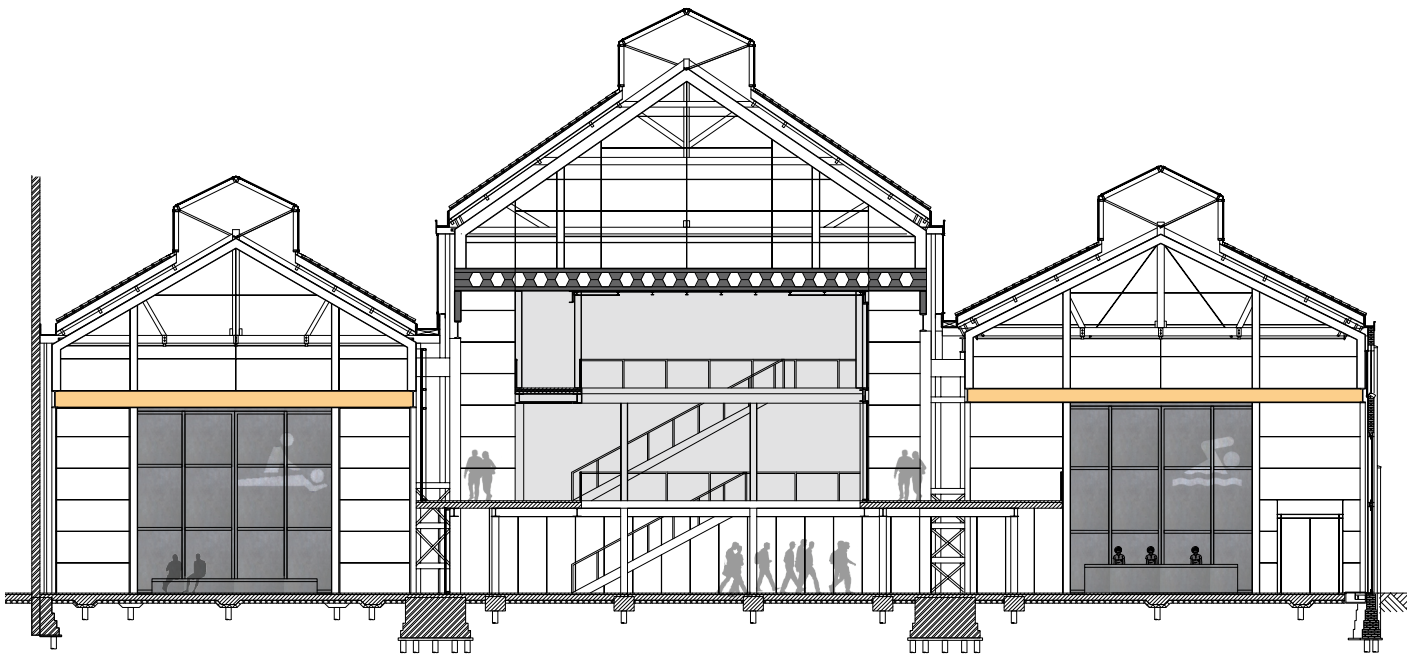
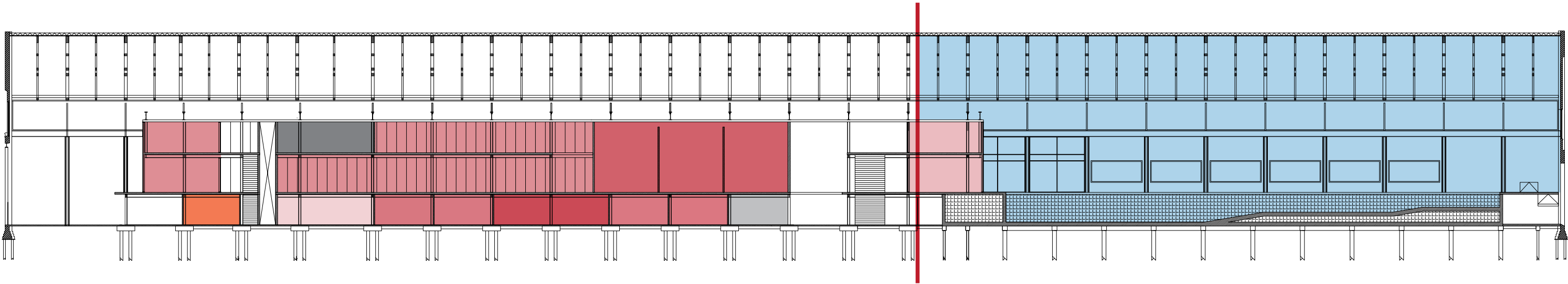
Easily accessable via roof without much demolition
to install the new construction



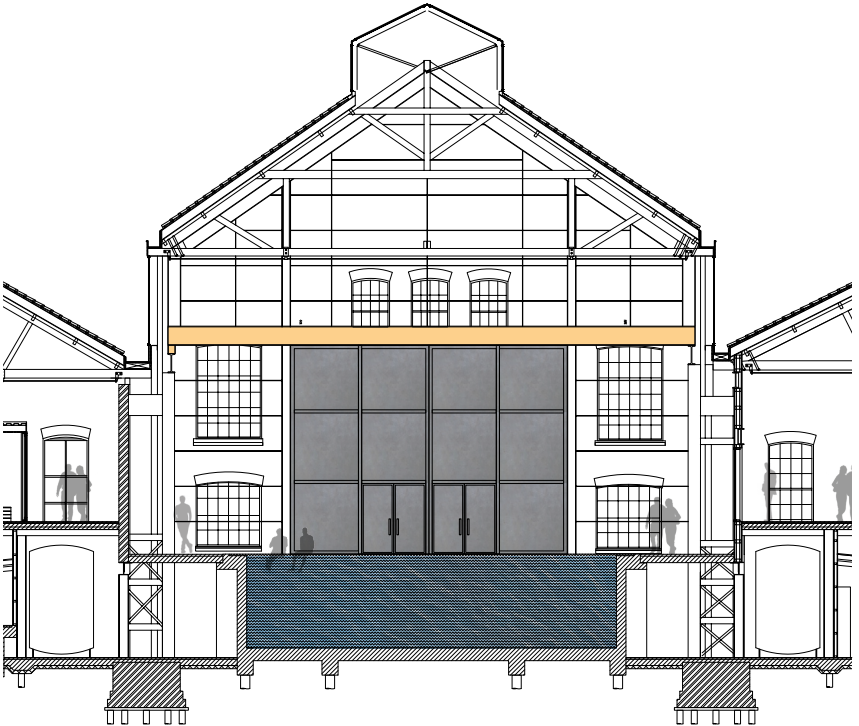
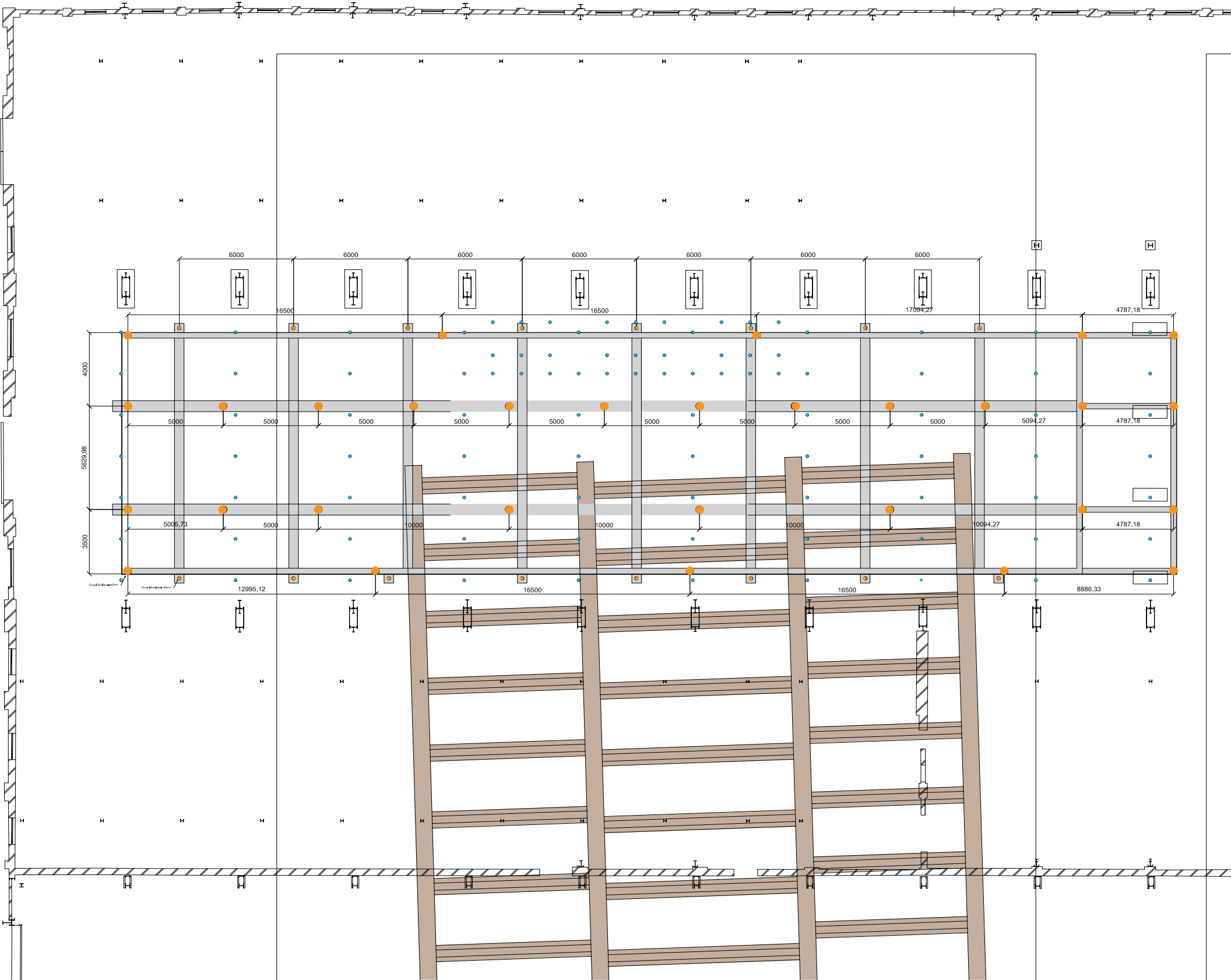
Design van Gendt - Hal 3 - visual relations between sports and work



Design van Gendt - hal 2 - swimmingpool as extention of the Sportsblock



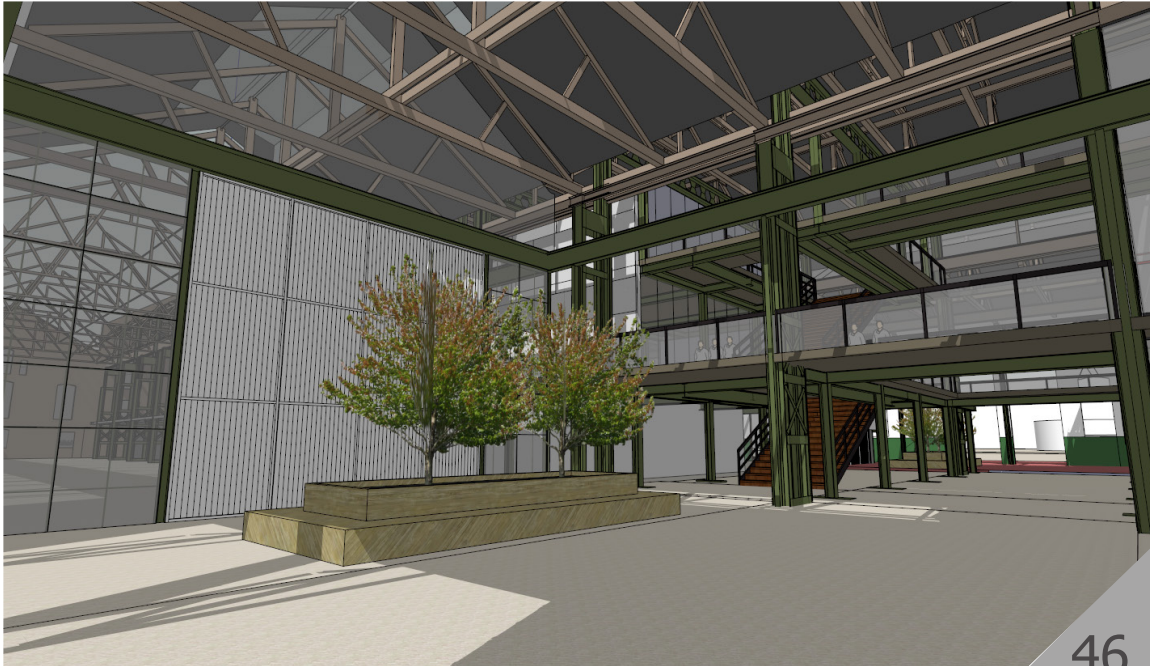
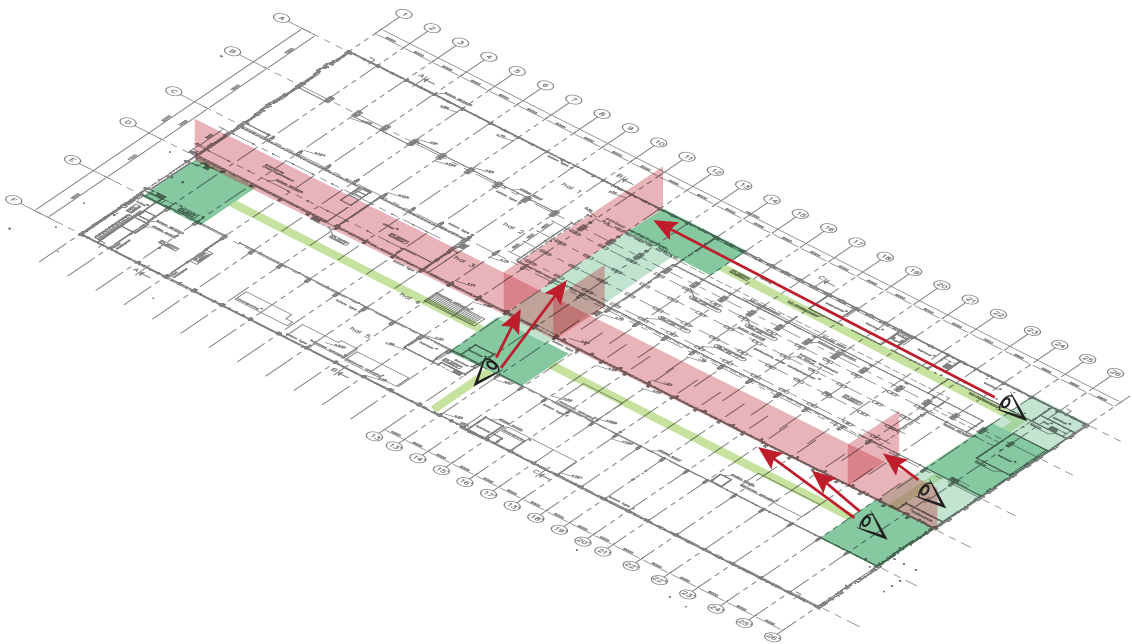
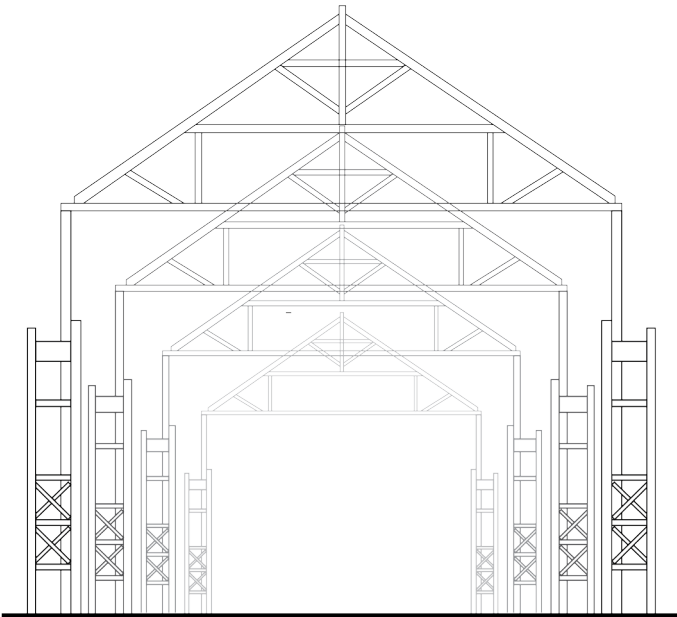
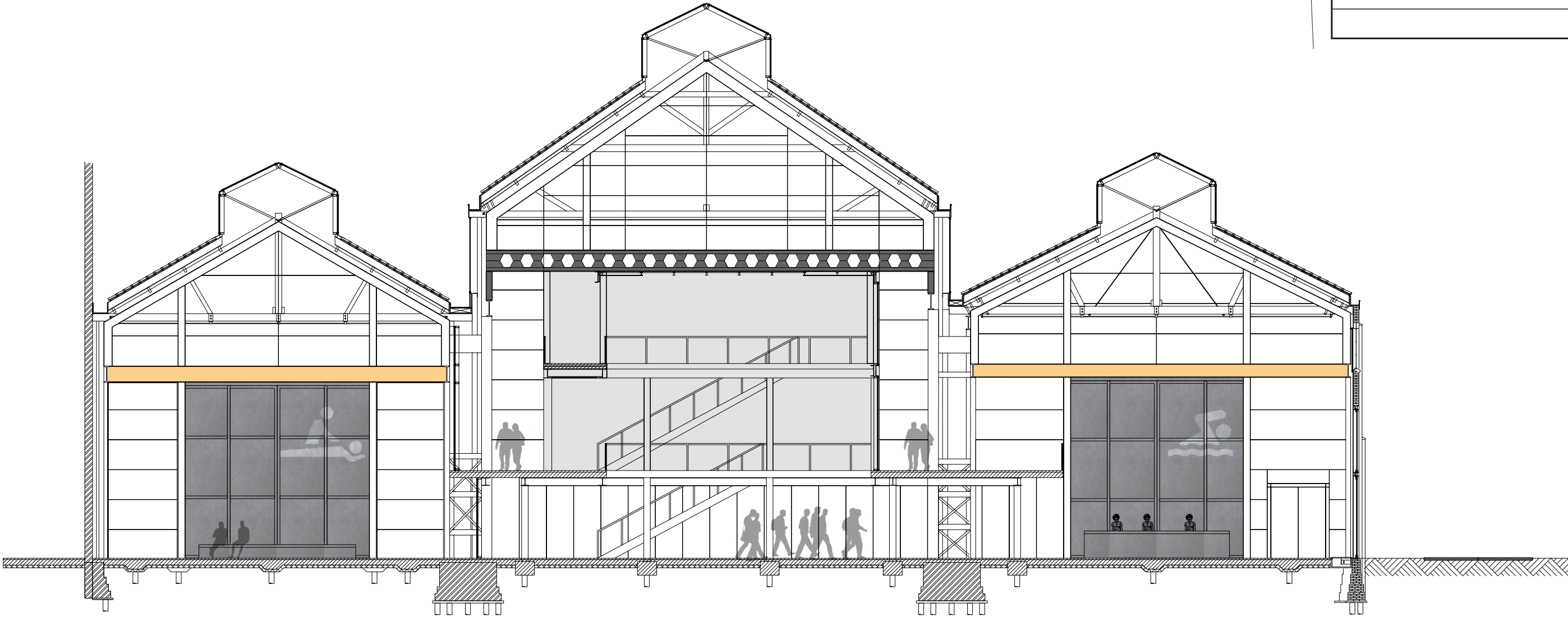
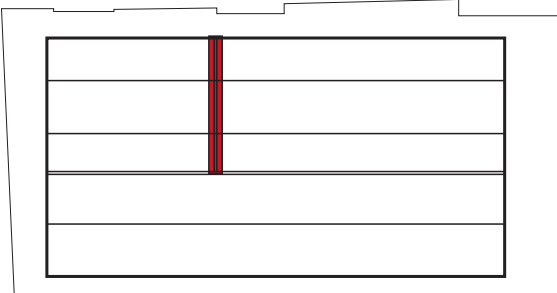
Design van Gendt - hal 2 - Swimmingpool construction



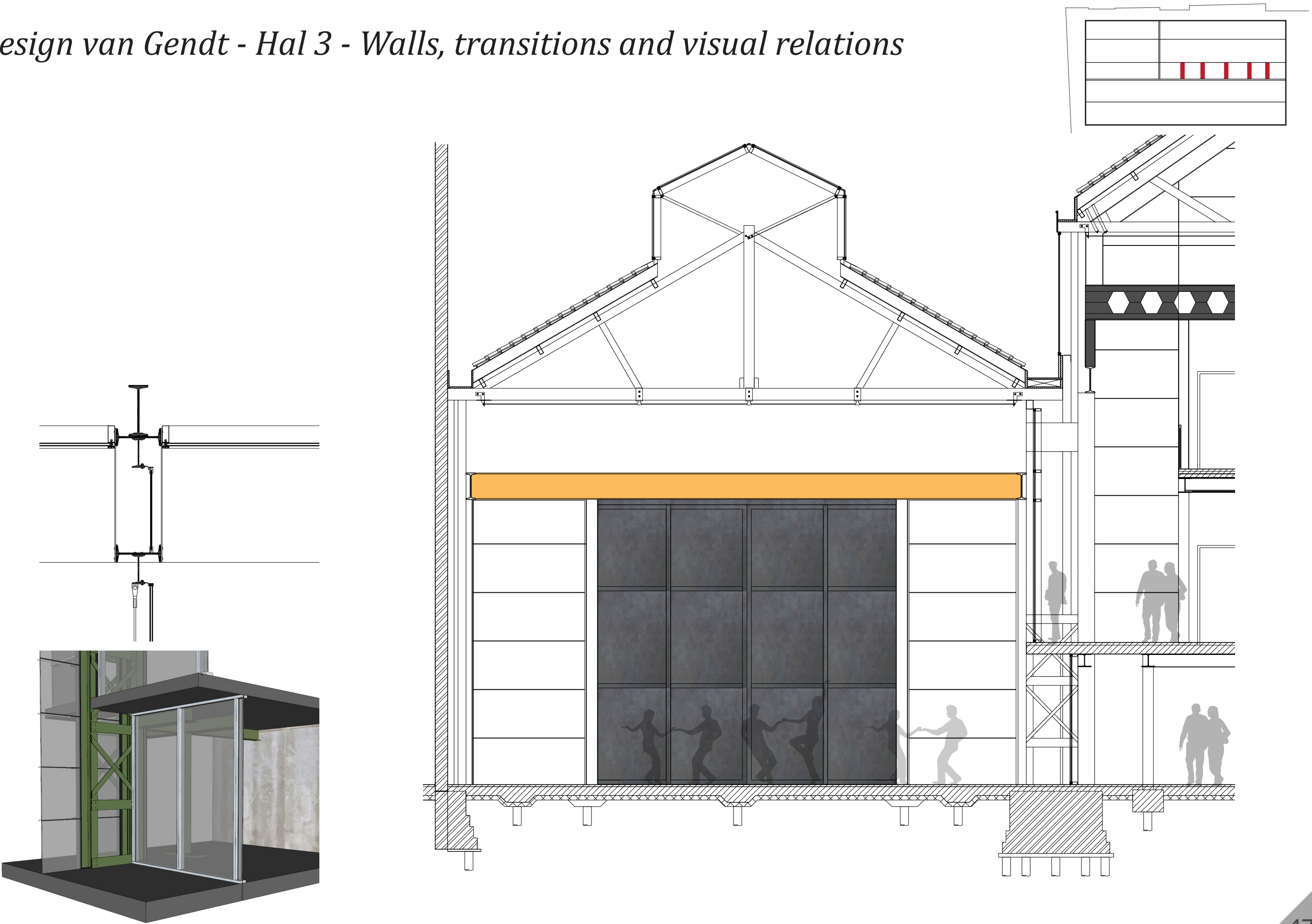
Design van Gendt - Tussenwanden

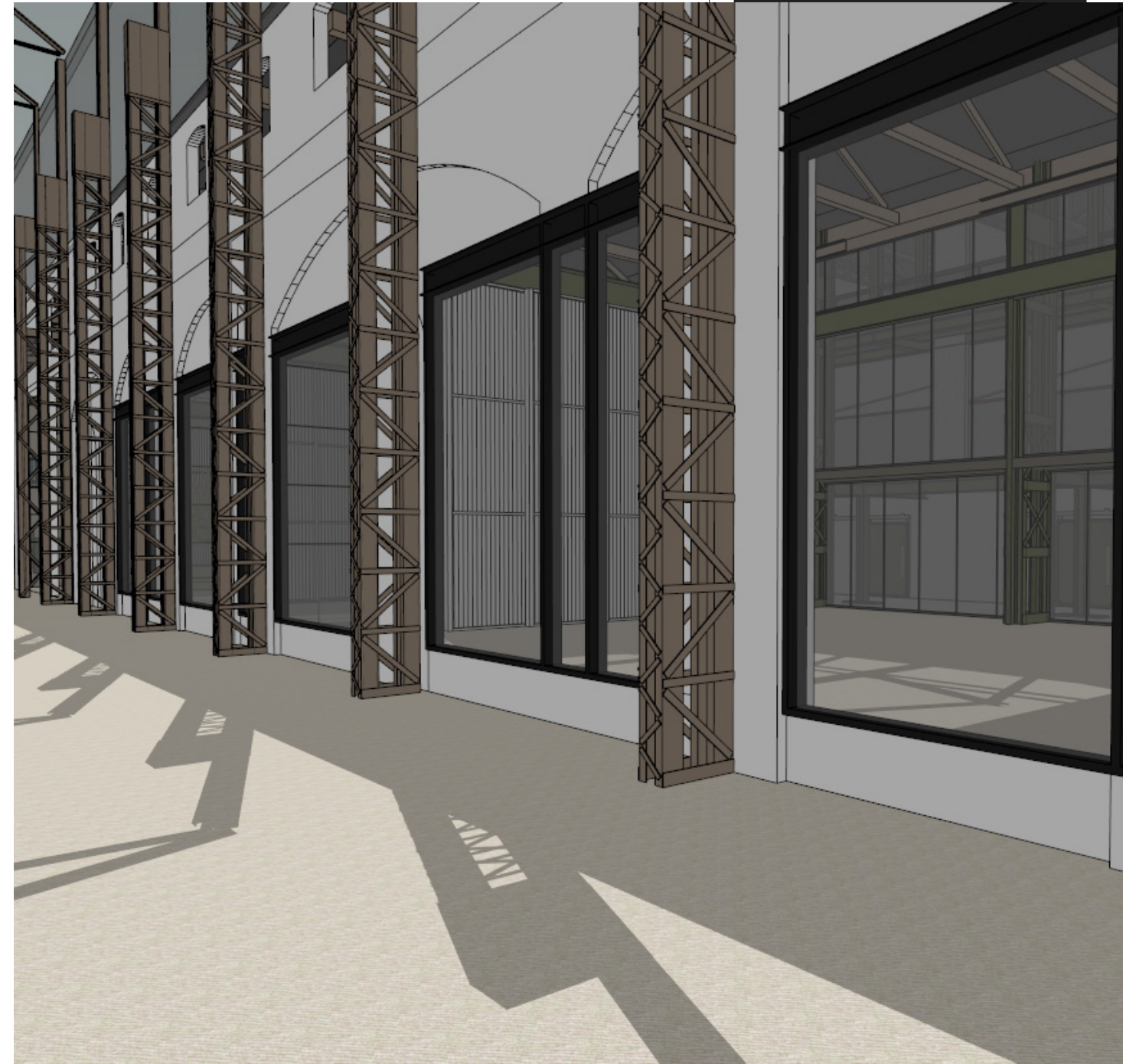


Design van Gendt - Connecting the halls

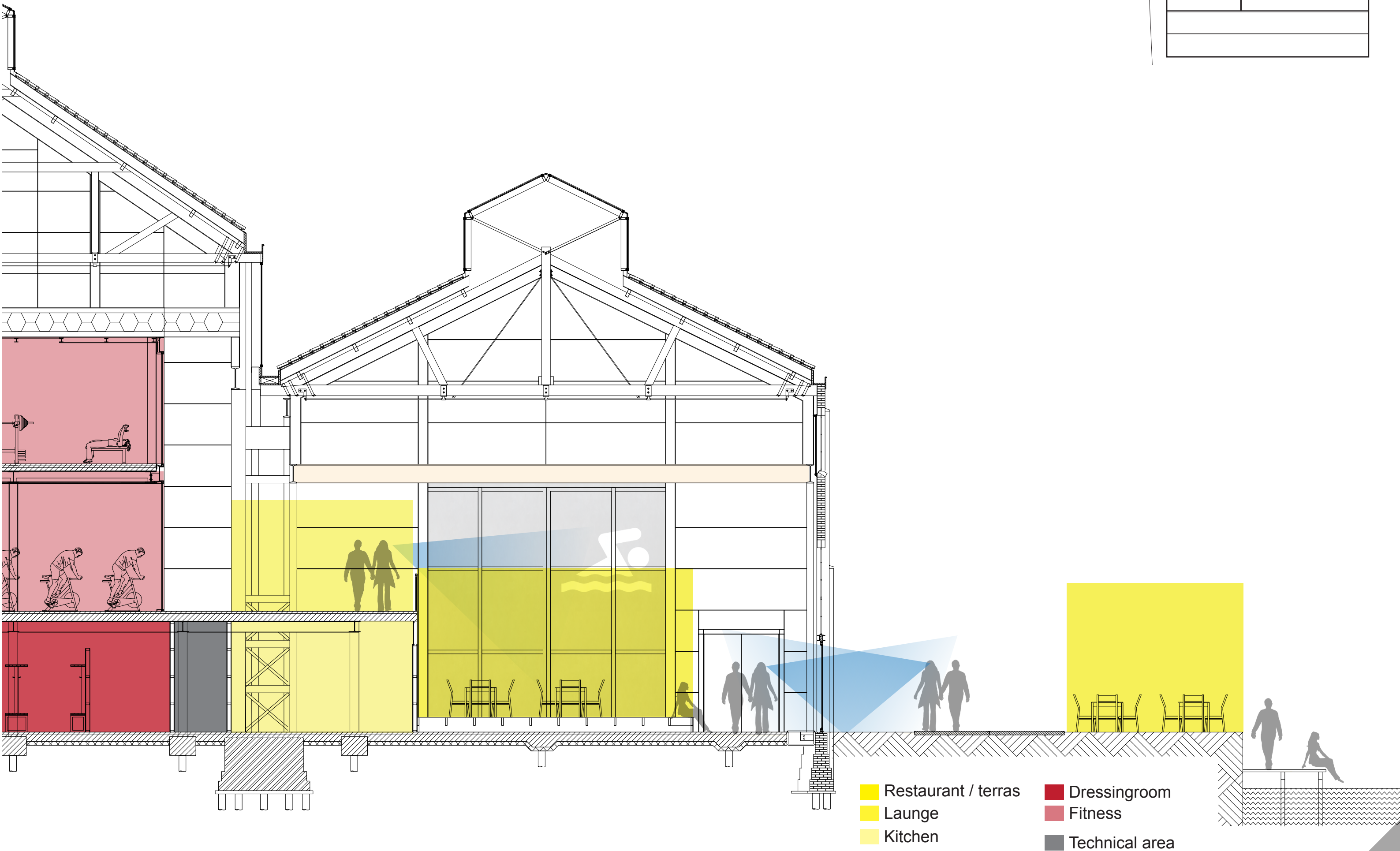
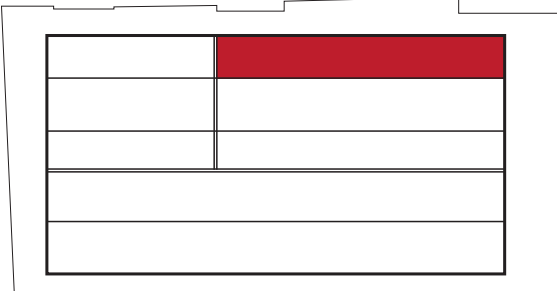


Design van Gendt - Hal 3 - Walls, transitions and visual relations





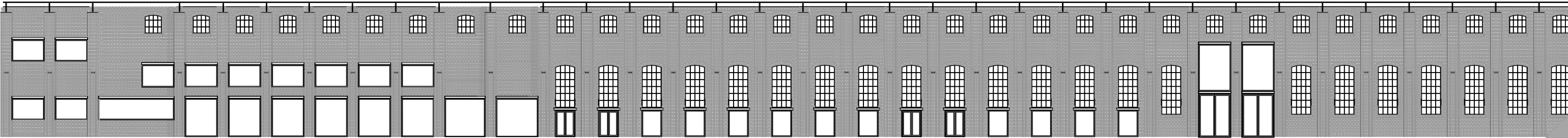
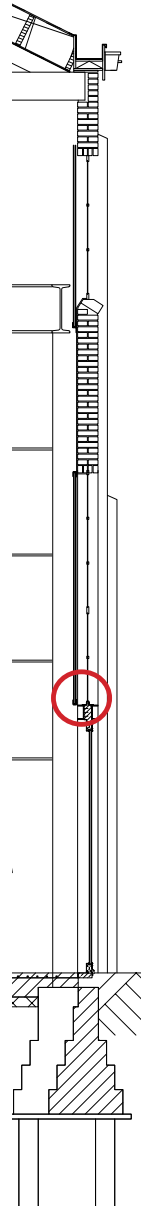
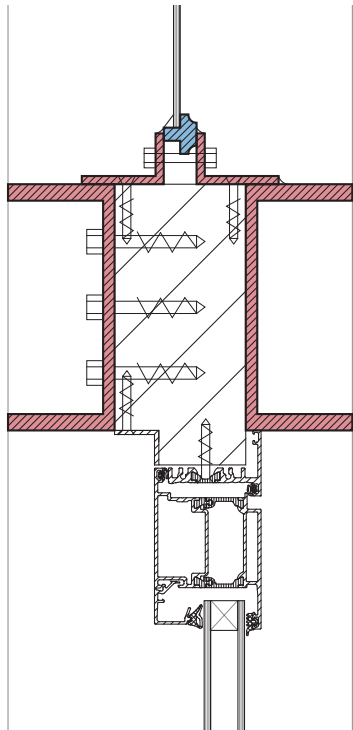
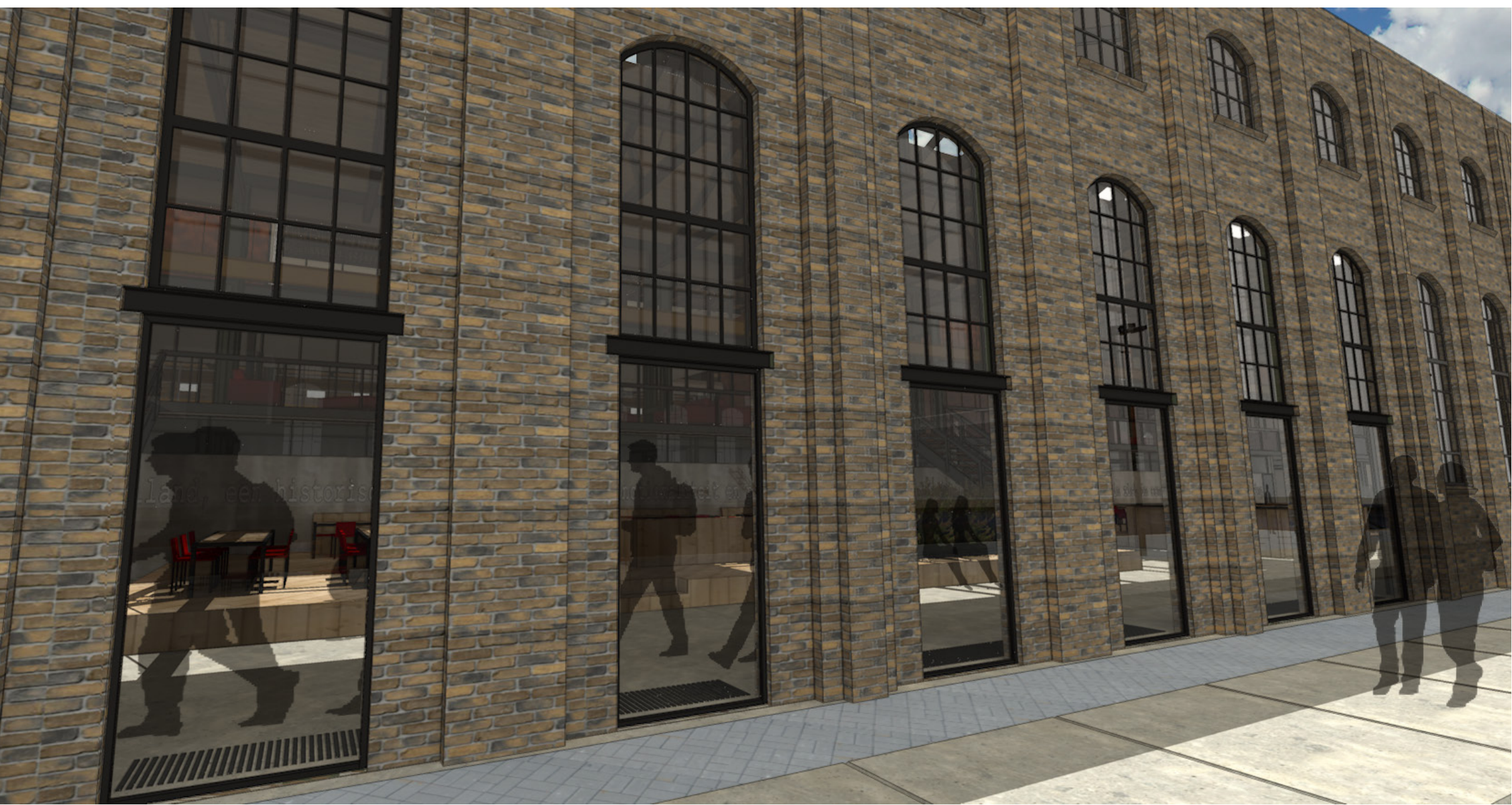
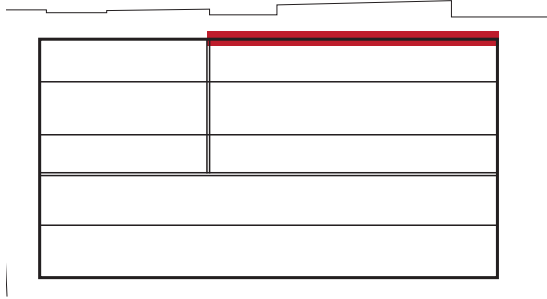
Design van Gendt - hal 1- restaurant & visual relations



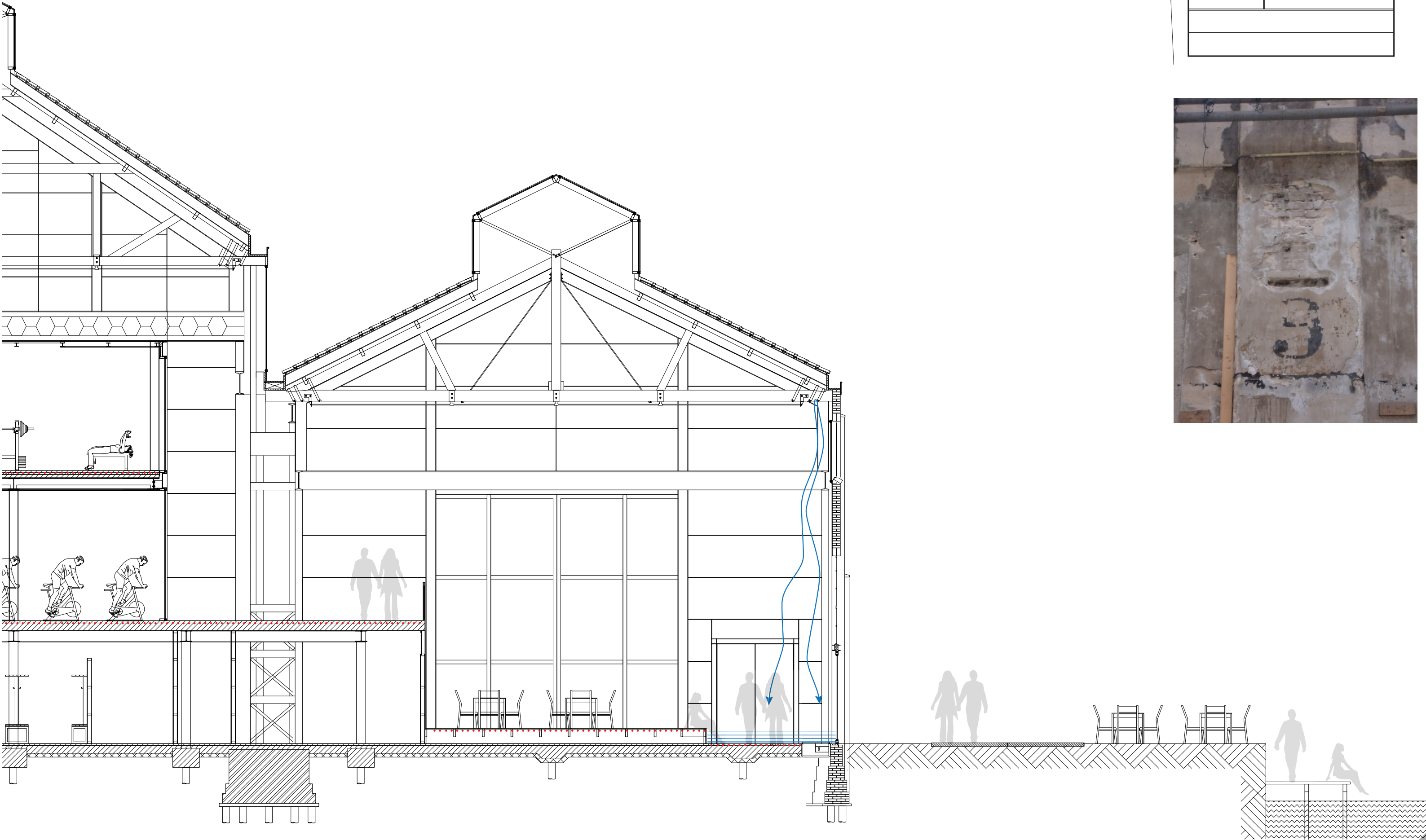
Design van Gendt - Interior route/streets



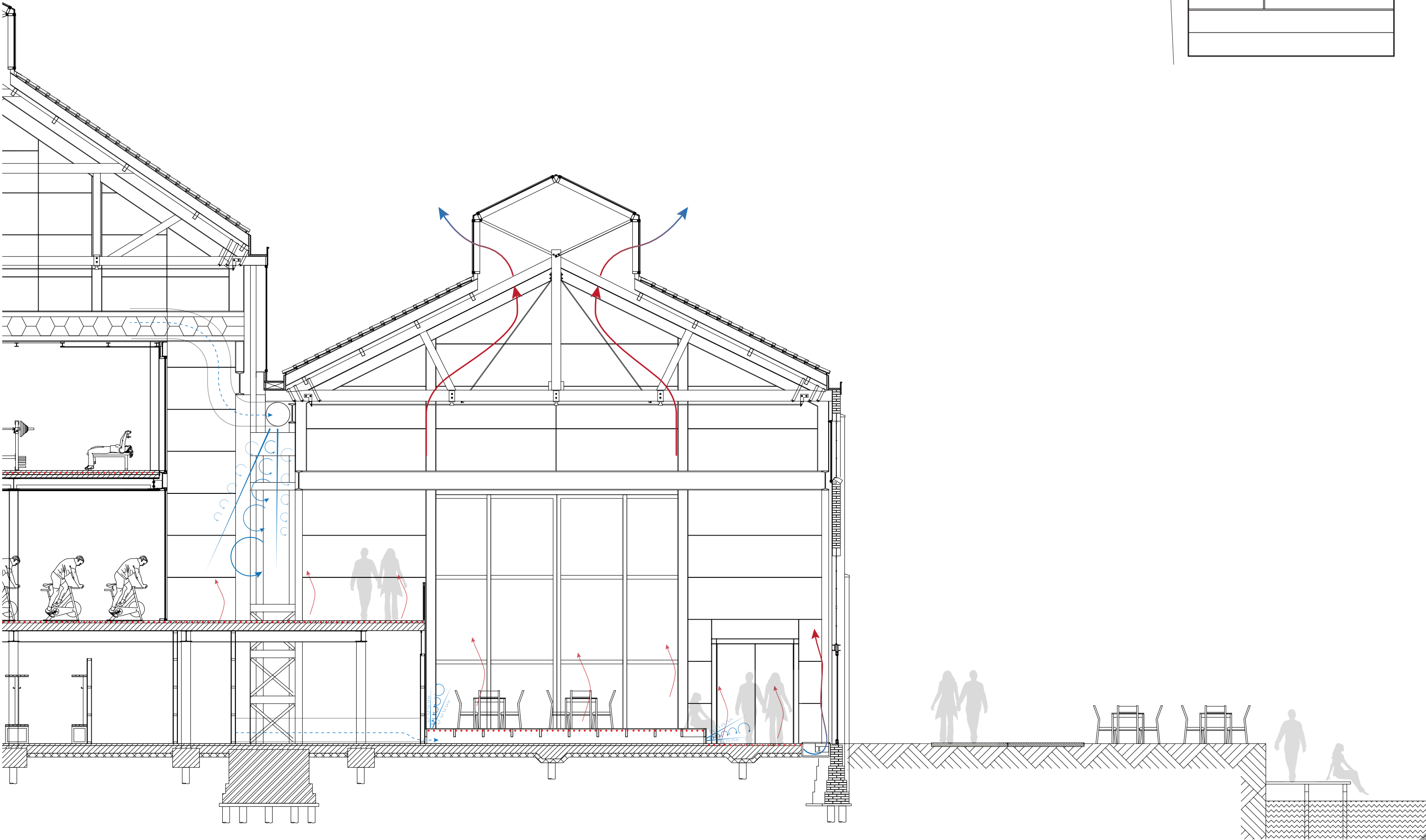
Design van Gendt - hal 1- visual relations with the direct context

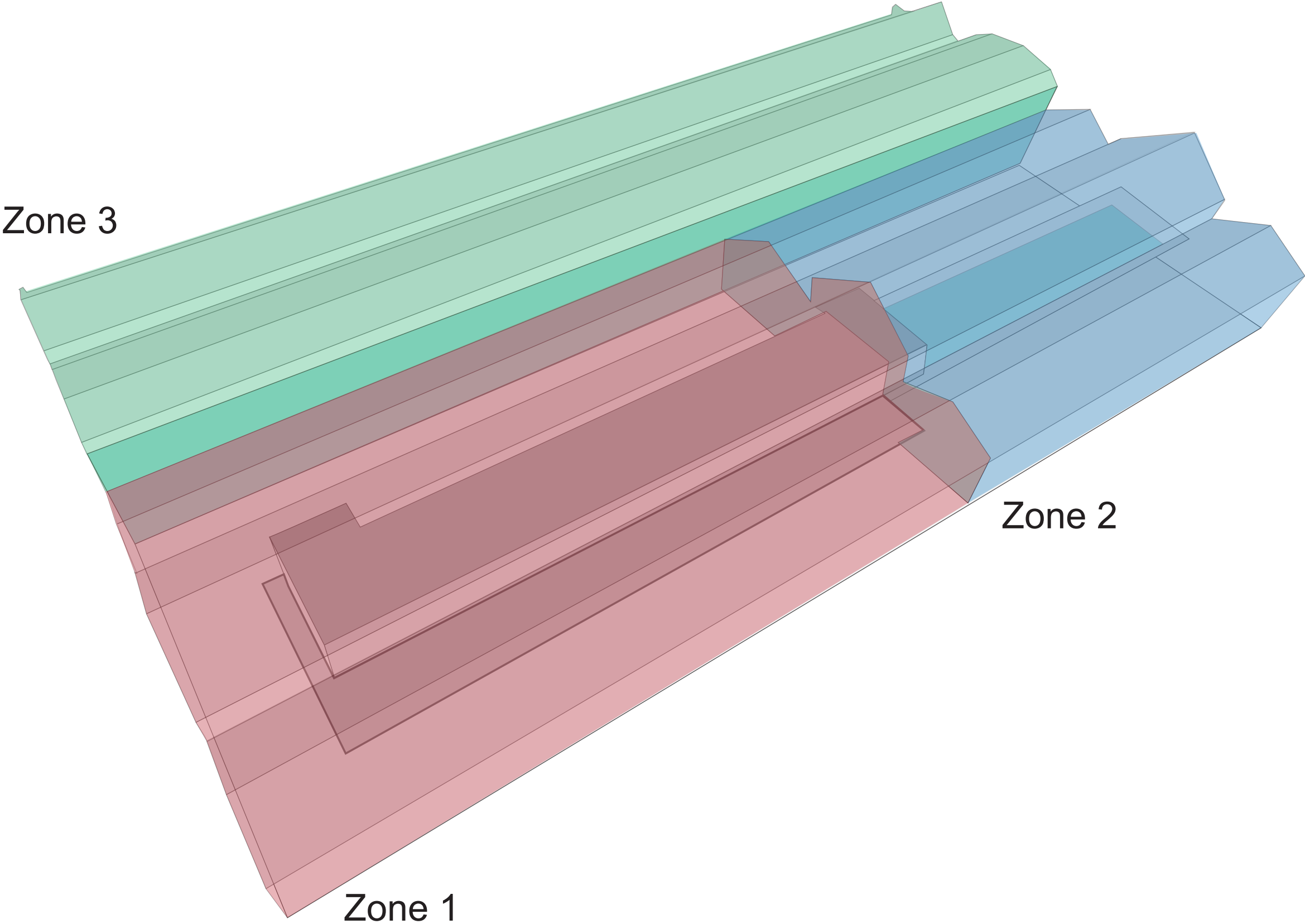


Design van Gendt - hal 1 - Effect of maintaining the original facade

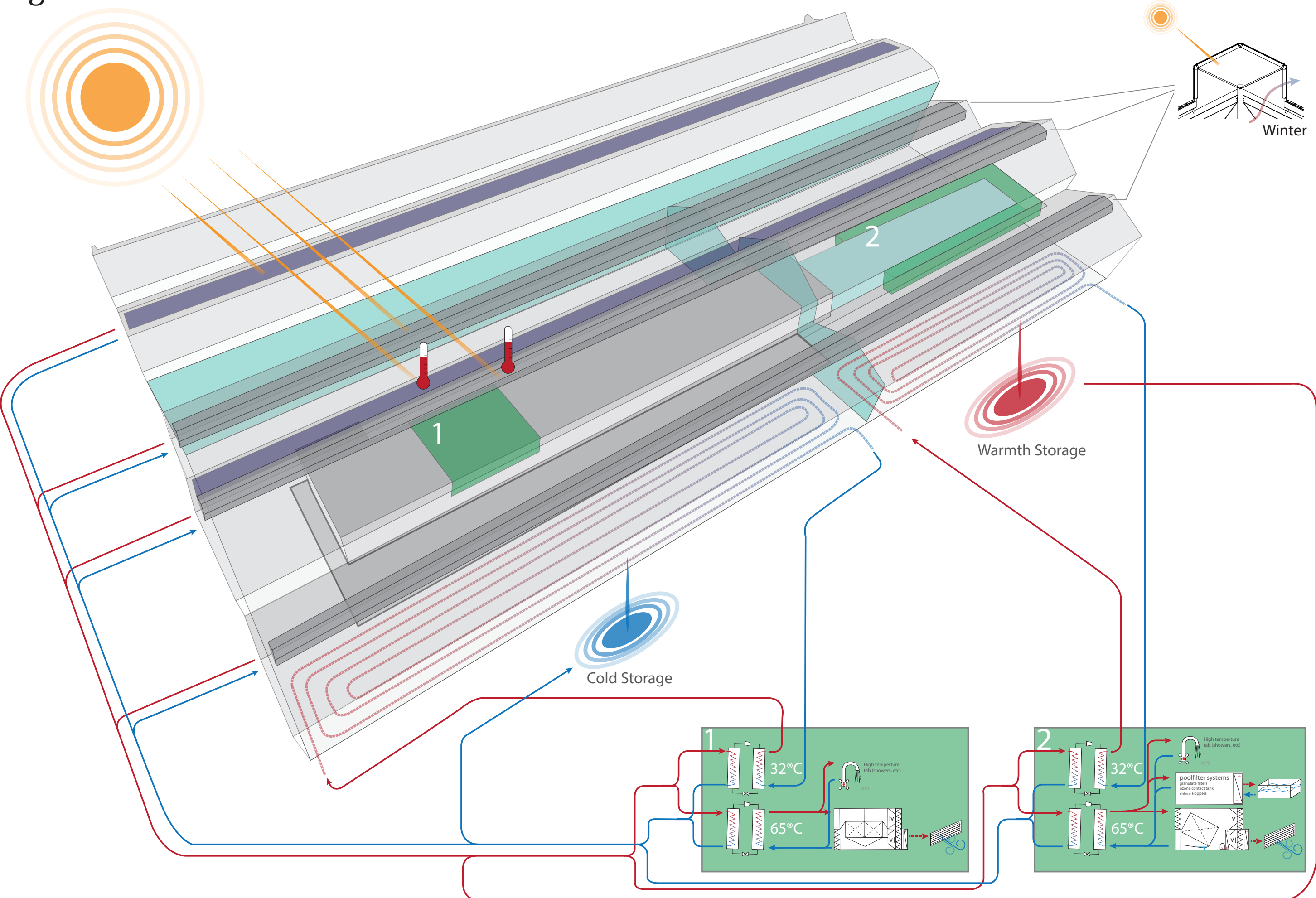


Design van Gendt - hal 1- Interior climate as ruler of interior design

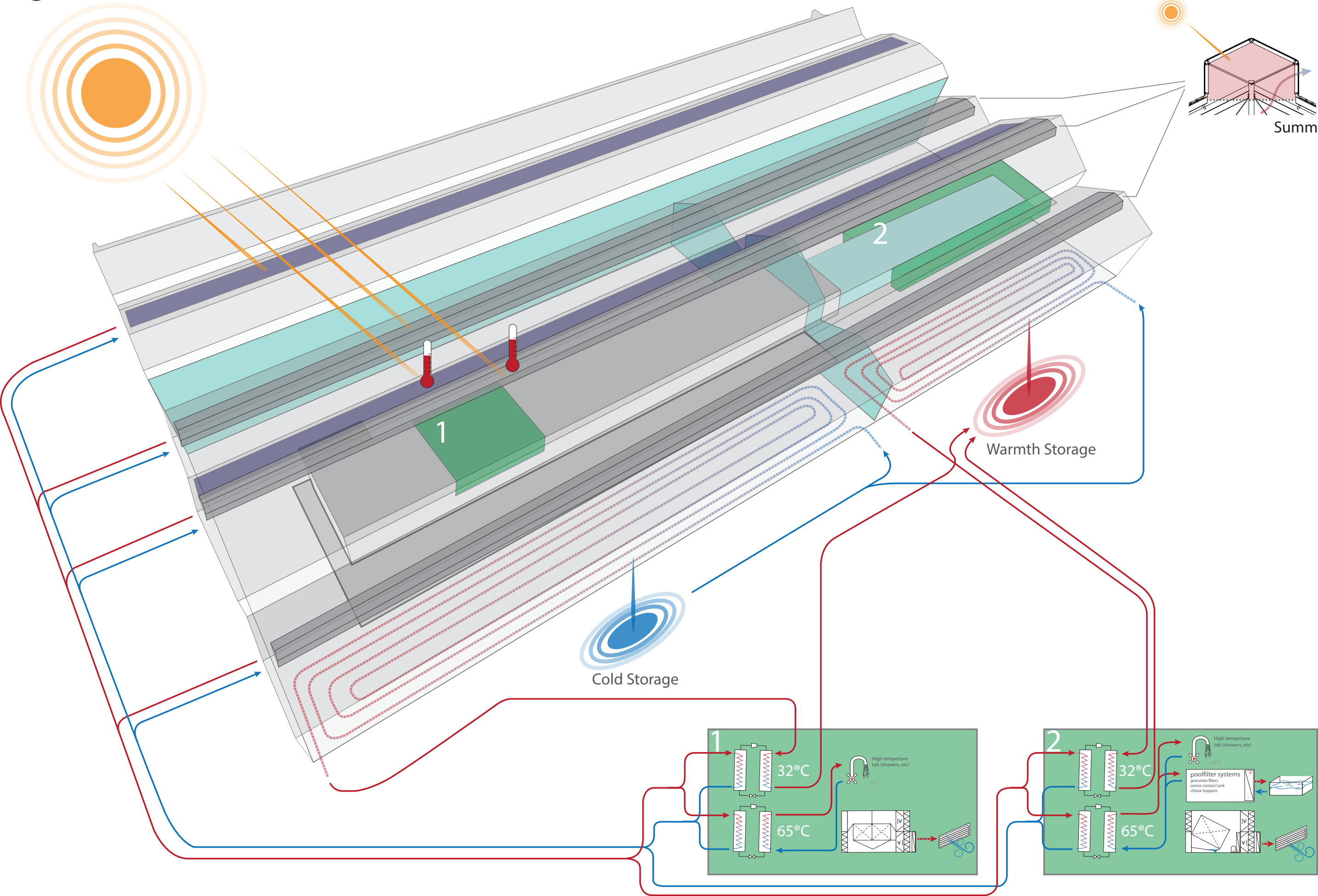




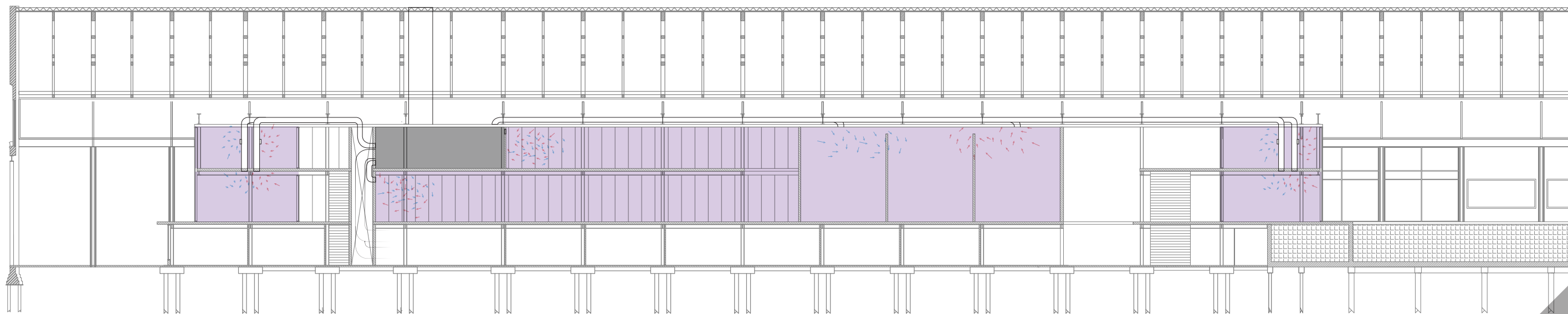
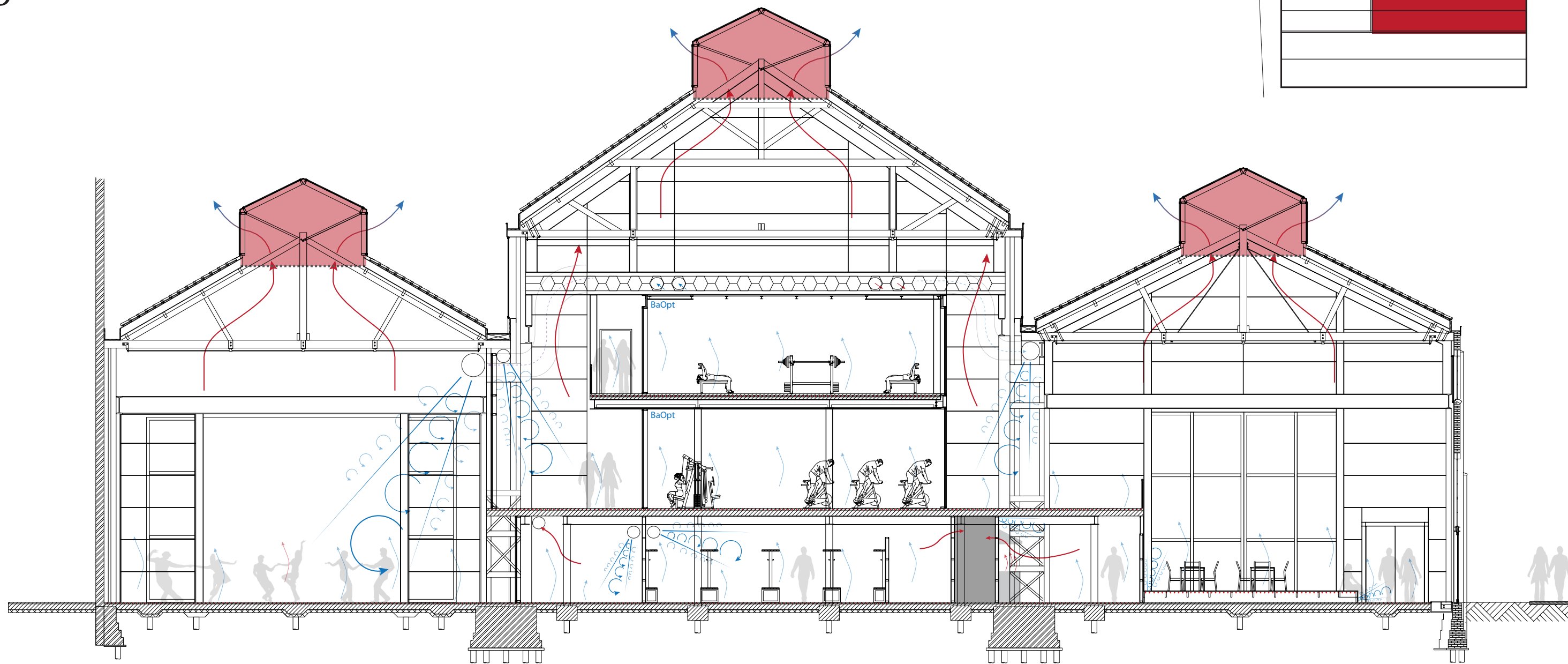
Design van Gendt - Shared over halls - General Interior climate in winter



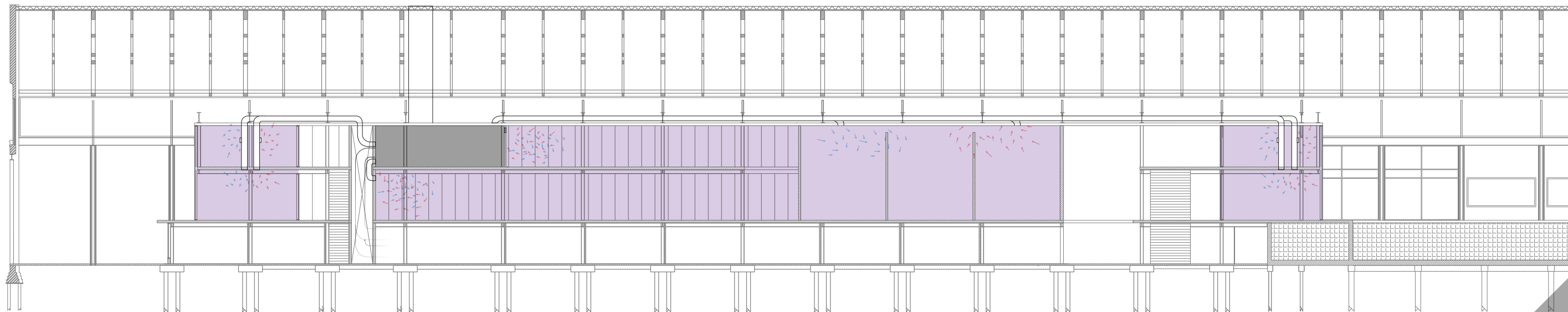
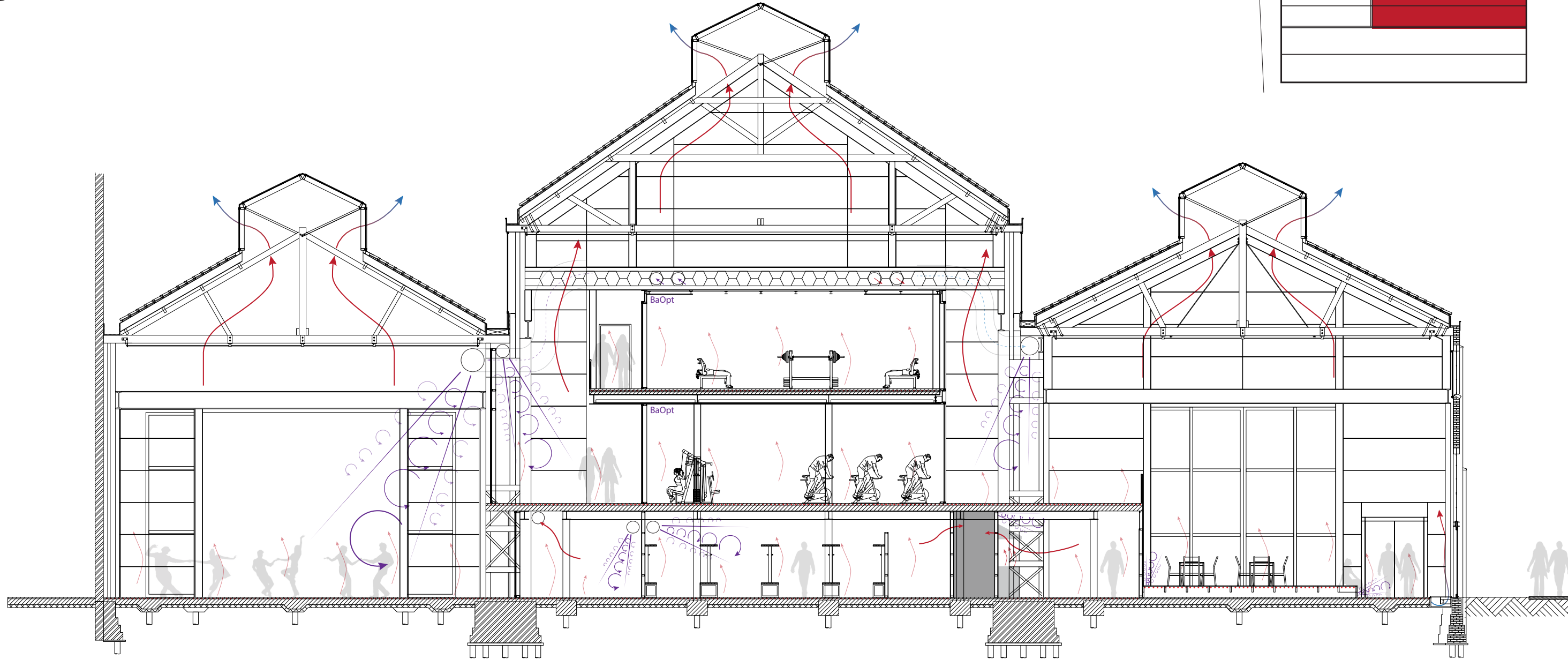
Design van Gendt - Shared over halls - General Interior climate in summer



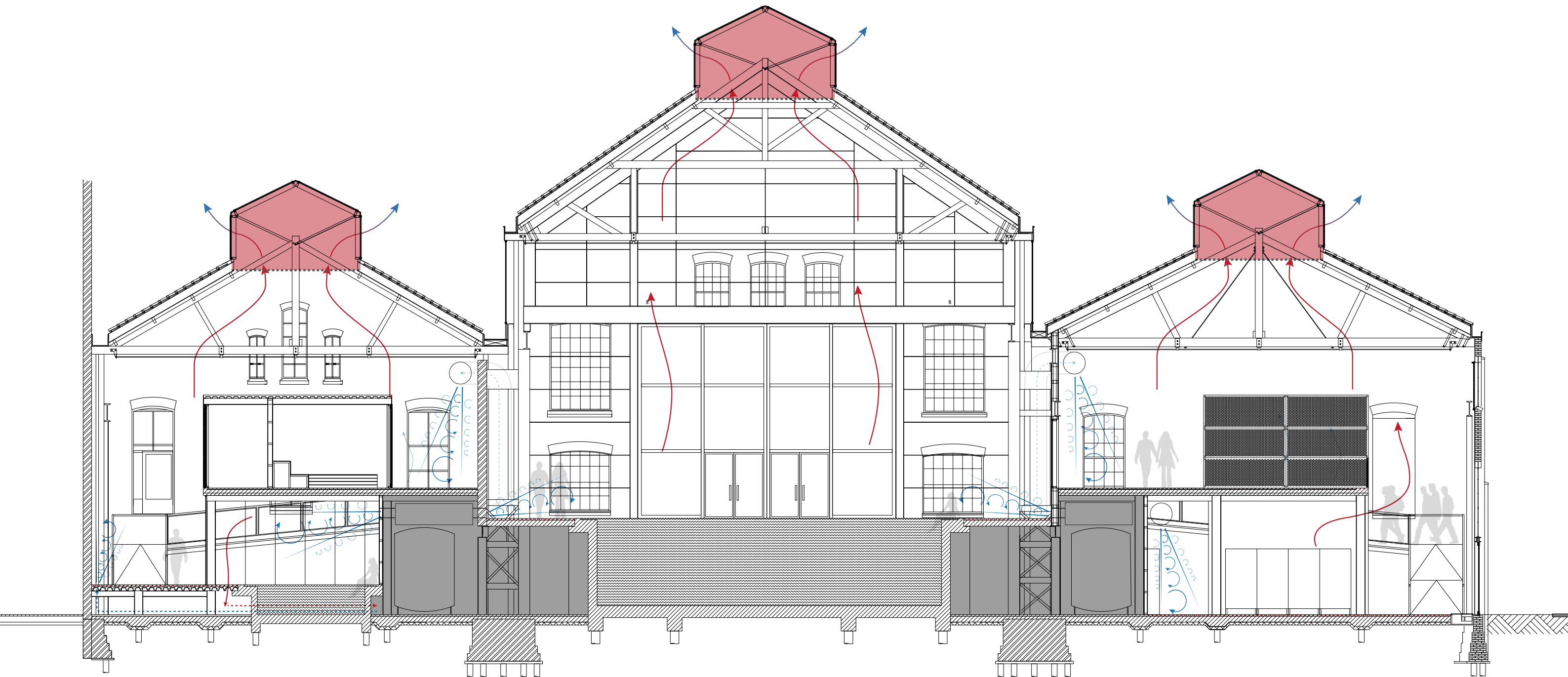
Design van Gendt - Shared over halls - General Interior climate in winter



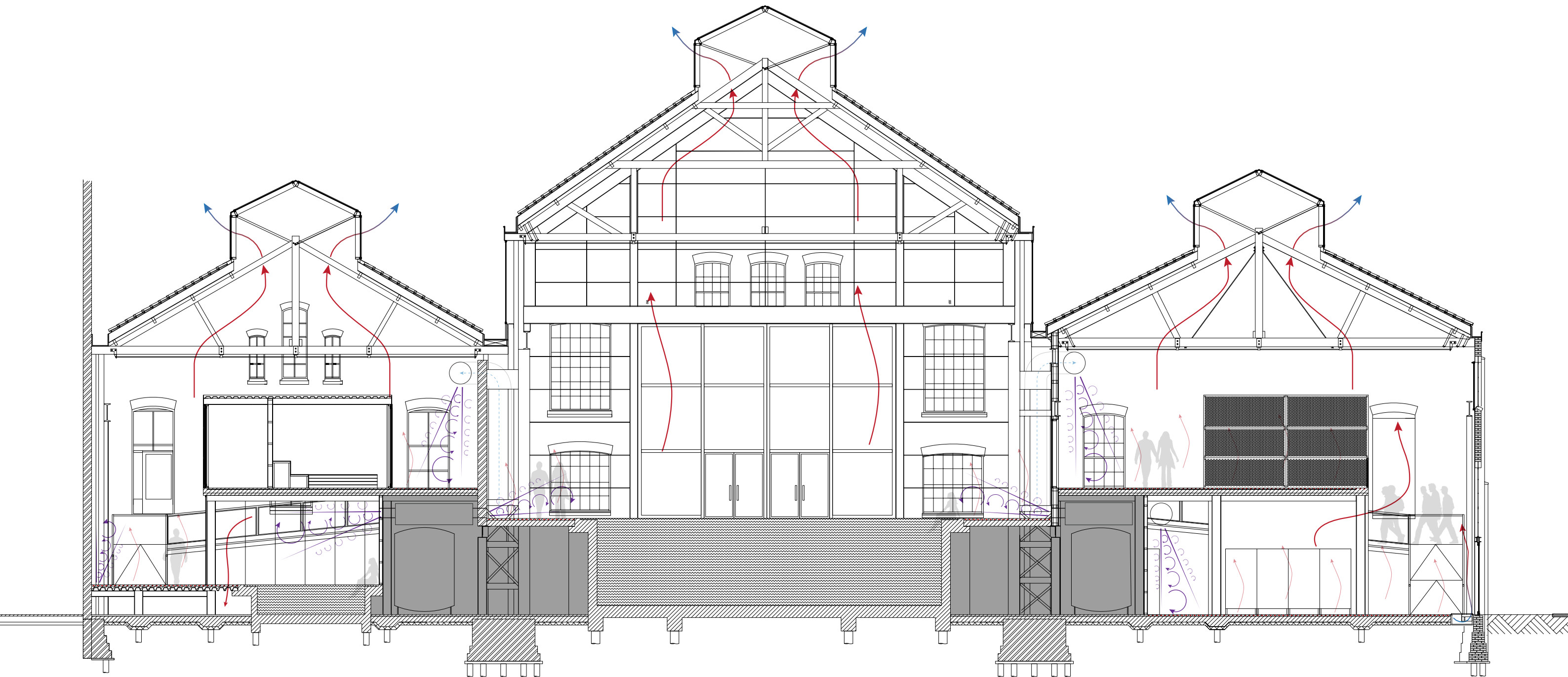
Design van Gendt - Shared over halls - General Interior climate in summer



Design van Gendt - Shared over halls - Swimmingpool in winter



Design van Gendt - Shared over halls - Swimmingpool in summer



Q & A