

wide spectrum
selected
architecture work

Selected projects
Jakub Grochulski

2022

architect
BIM manager
IT moderator



I wish to express my strong interest for a position as an architect-BIM at your office stationary or remotely. I'm a versatile candidate with appreciation for aesthetics, decent communication skills and experience at construction planning but excel at project organization, software and technical knowledge.

I am a 36 year old architect from Poland with a German citizenship with over 10 years of professional experience in German, Chinese and Polish architecture offices. I was part of BIM projects like master plan and architecture for the Überseequartier Project at HPP Architects. Currently the largest construction in Europe. I wish to continue developing my BIM-Revit/ArchiCad knowledge.

Another major completed project beside numerous competitions are 5 Residential Towers in Chongqing China for UNStudio or Protected building Refurbishment Office Tower Finnlandhaus in the heart of Hamburg. At both I worked without supervision with a full spectrum of responsibilities from the earliest planning stages. Member of German Architects Association.

As a responsible, enthusiastic and ambitious employee I would certainly be a valuable member of your team. I speak fluent English, German (level C1) and Polish.

I would be very pleased to schedule an interview in your office. I will be available to join your team from around the beginning of April.

On request I can provide you with recommendation letters and other documents regarding my professional experience.

Thank you for your consideration, and I look forward to hearing from you soon.

Kind Regards
Jakub Grochulski

[curriculum vitae] Jakub Grochulski

20.10.1986
Nationality German, Polish

Currently in
Poland

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Professional experience

03.2020 - 12.2021
Obermeyer, Shanghai, China
BIM Manager, Associate Architect

05.2019 - 01.2020
UNStudio, Shanghai, China
Architect

02.2014 - 12.2018
HPP Architekten, Hamburg Germany
Architect, BIM Coordinator, IT Moderator

08.2011 - 02.2012
Ingenbleek Architekten, Berlin Germany
Architect

05.2011 - 07.2011
PysallArchitekten, Berlin Germany
Internship

10.2008 - 05.2009
Nalbach+Nalbach Architekten Berlin Germany
Student Internship

06.2007 - 12.2007
Forum Studio Poznan Poland
Student Internship

Languages

English ●●●●○
German (C1) ●●●●○
Polish ●●●●●
Spanish ●○○○○

Software

BIM (advanced) Revit / Archicad
CAD (advanced) Microstation / Autocad
Graphics (advanced) Adobe Suite: Photoshop, InDesign, Illustrator, Lightroom, Muse, PremierePro
3D (intermediate) 3DSmax / Rhino. V-Ray / Maxwell
Scripting (basic): Grasshopper, Processing, Arduino

Education

2005 - 2010
University of Arts, Poznan, Poland
Architecture and Town planning
Master degree

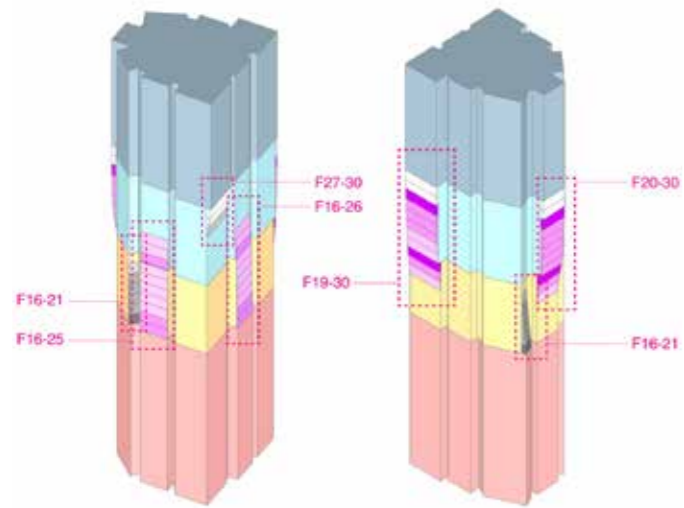
2008 - 2009
Fachhochschule Berlin Potsdam, Germany
Architecture and Town planning
Erasmus

Other activities

01.18 German Citizenship
02.18 German Architects' Association Application
06.16 Training - Fire safety via drywall construction
08.12 Workshop - Arduino Programming, Hackathon, Berlin with Arduino co-founder David Cuartielles
08.12 Workshop - Object Oriented Eclectism Gent, Belgium Processing Coding, Digital Fabrication
07.12 Workshop - Parametric architecture Wroclaw, Poland Rhino, Grasshopper, Generative Comp., 3D Print, CNC
12.12 German course, German for Business CEF-C1 TELC - Exam C1
08.08 Workshop - OSSA Arch. Workshop, Lublin, Poland
01.08 IASTE Program Coordinator
06-08 Youngtimer Car Racing Club
05.00 Swimming competition - Regional V-Champion

Interests

Astronomy and Space
Industrial design and Graphic Design
Technology and Science
Fitness Tennis Swimming Snowboard Skiing

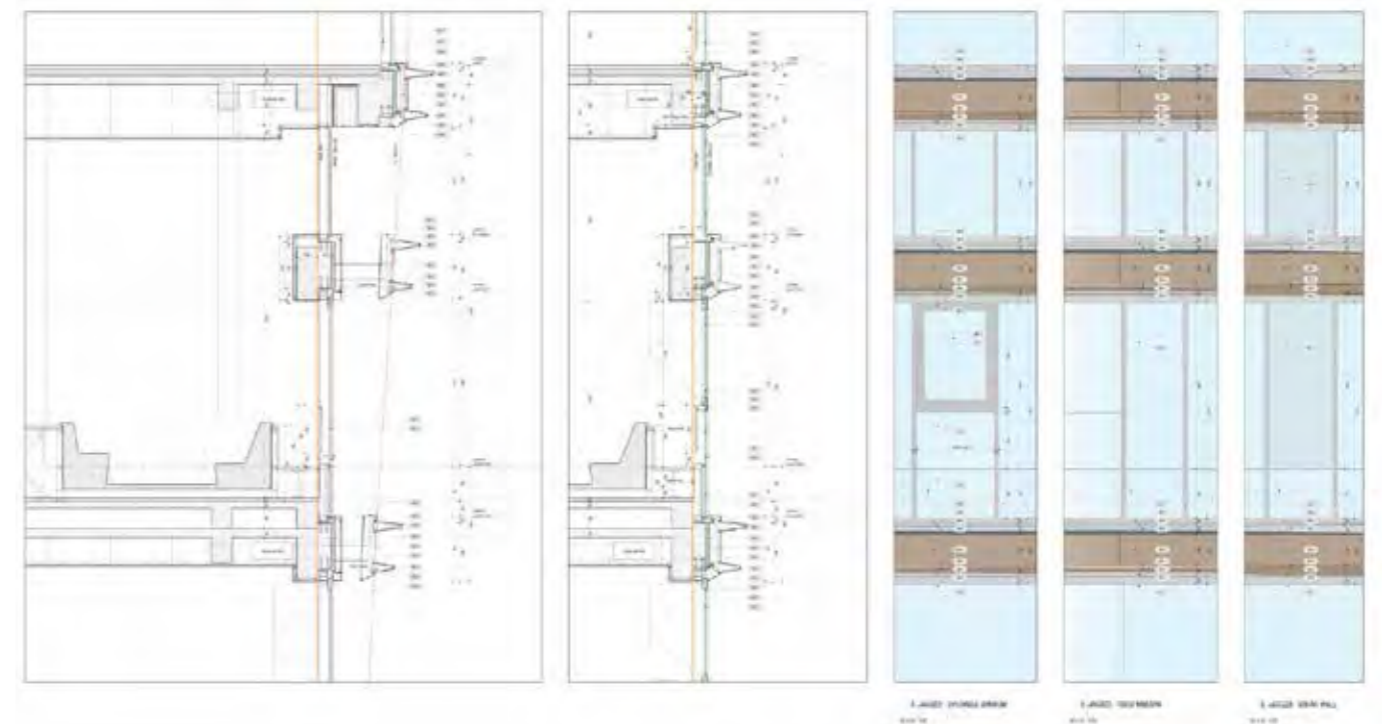


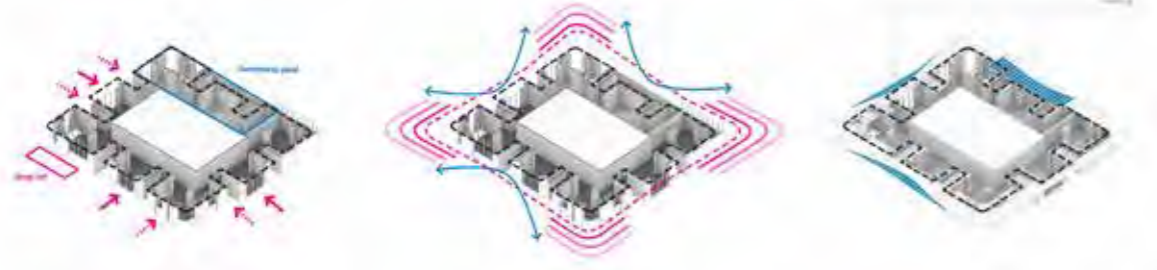
5 Residential Towers - Chongqing

Residential

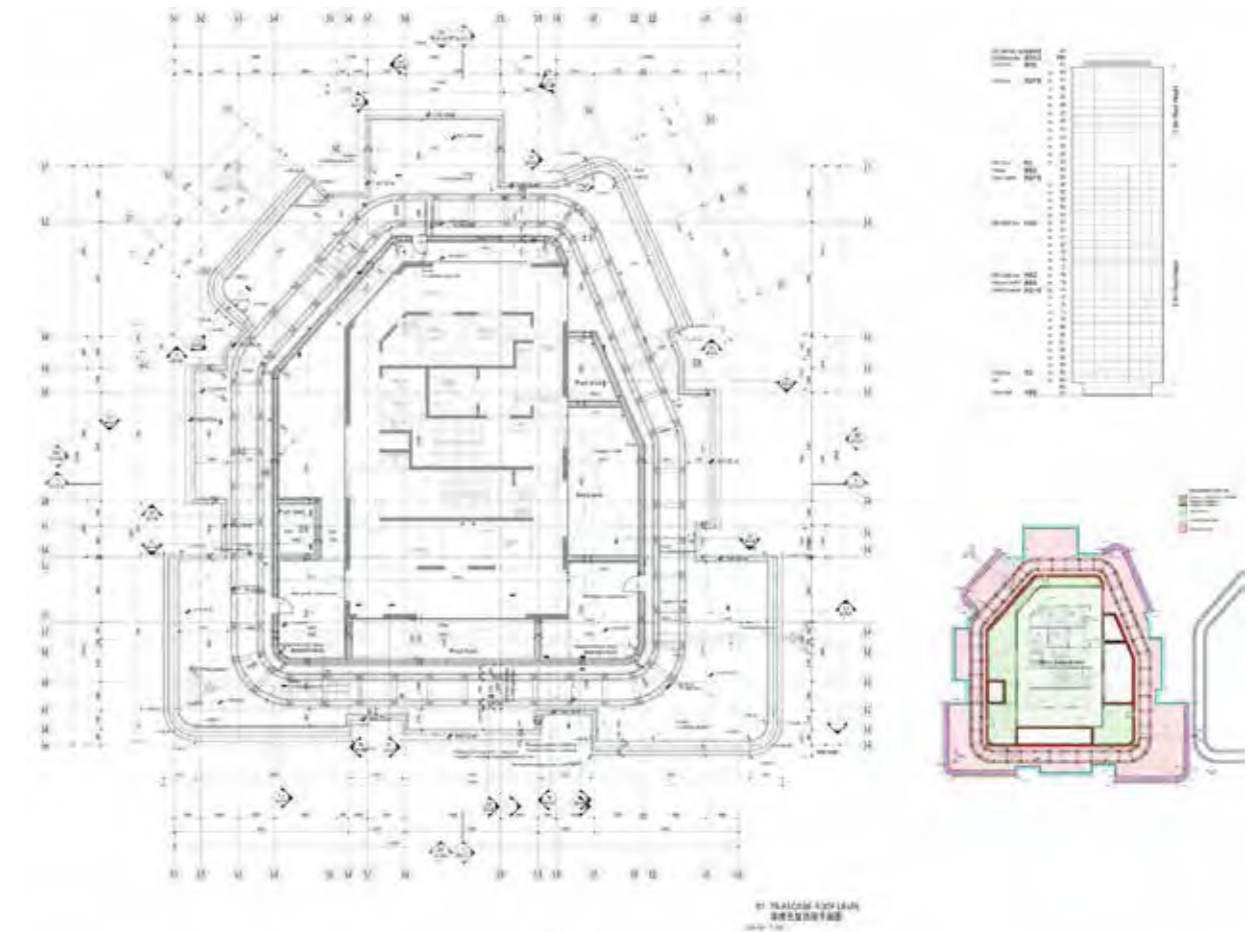
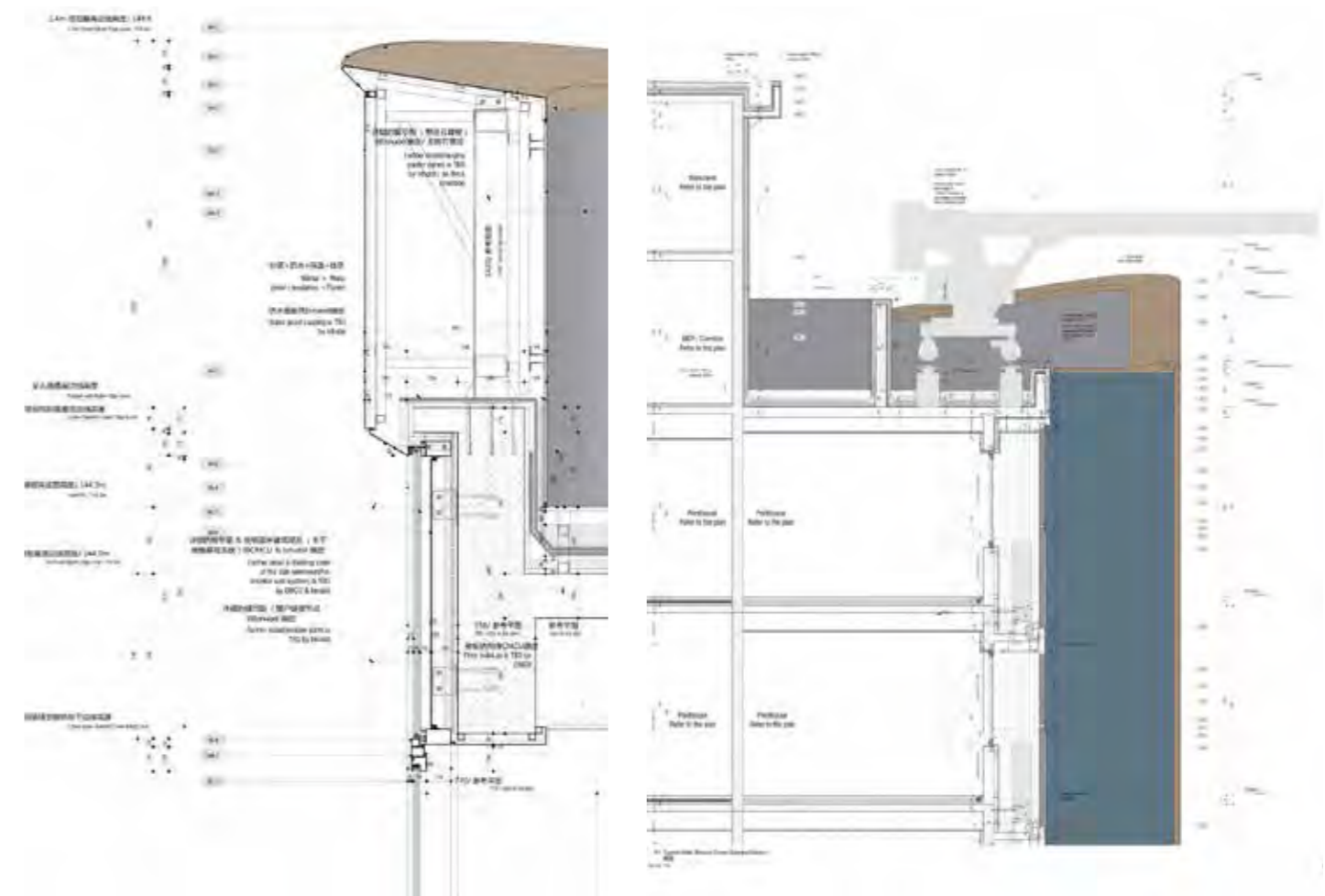
Project Architect
 Responsibilities: SD - DD 100
 Program: Residential / Mixed Use
 Location: Chongqing, China
 Year: 2020
 Current Status: Completed

The project consist of 5 residential towers, clubhouse and a multistorey podium as shopping center and parking in the heart of Chongqing in China. Various heights of towers with up to 42 stories characterize facade faces smooth extensions with sunken utility balconies splitting every tower and facade into 3 parts.





01 CANOPY REQUIRED FOR DROP OFF AND ENTRANCE 02 BASE GEOMETRY FOLLOWING TOWER FIN DESIGN 03 BUTTERFLY SKYLIGHT ALLOWING LIGHT INSIDE





Urban Design of Changsha Science+Innovation

Masterplan

Project Architect
 Responsibilities: Competition
 Program: Mixed Use
 Location: Chnagsha, China
 Year: 2021

The project is considered the largest urban redevelopment project in Europe by landmass. Uberseequartier is located in Hafencity - new modern district in the center of Hamburg that is drawing tourists from around the world. Recently completed Hamburgs landmark - Elbphilharmonie is its close neighbor. Project consists of 14 buildings and 12 architecture firms from around the Europe. In program there are offices, hotels, residential buildings with over 500 exclusive flats, 3 level





Urban Design of Nantong CID Financial Center

Masterplan

Responsibilities: Competition

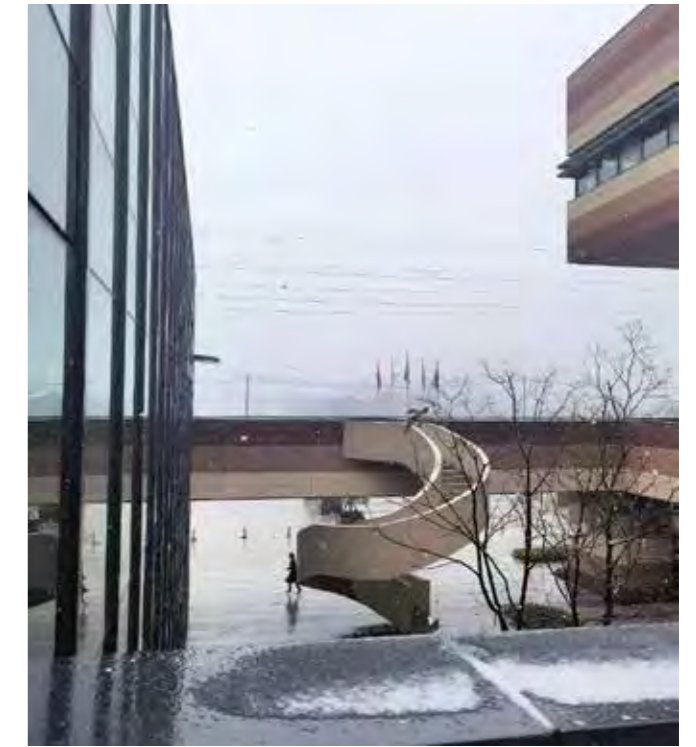
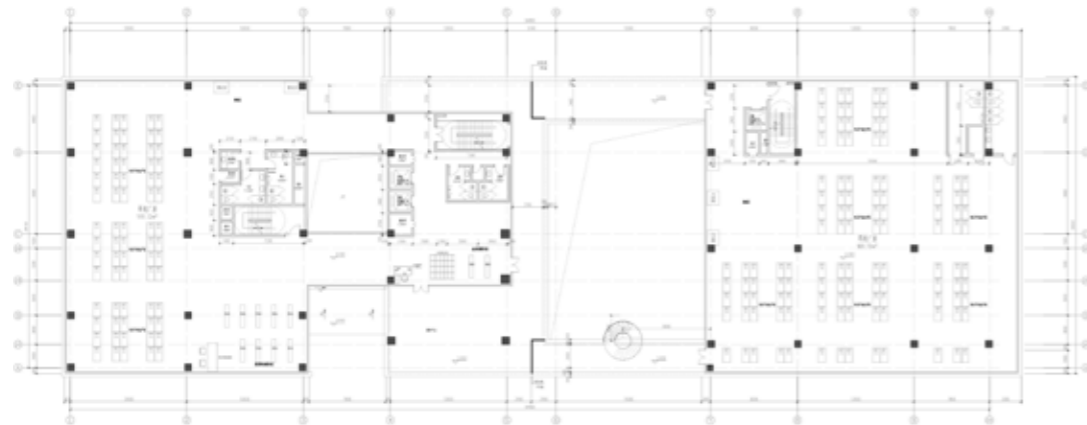
Program: Masterplan

Location: Nantong, China

Year: 2021

The project is considered the largest urban redevelopment project in Europe by landmass. Uberseequartier is located in Hafencity - new modern district in the center of Hamburg that is drawing tourists from around the world. Recently completed Hamburgs landmark - Elbphilharmonie is its close neighbor. Project consists of 14 buildings and 12 architecture





Sino German Enterprise Center in Wuhan

Exhibition Center

BIM Manager, Project Architect

Responsibilities: Concept - Construction - Completion

Program: Mixed Use, Office, Exhibition

Location: Wuhan, China

Year: 2021

Current Status: Completed

Project located in Wuhan in the industrial area is a showroom with offices. Fast paced project from concept to finished construction took less than 6 months. Project fully designed and detailed in BIM - ArchiCad.





Überseequartier

Masterplan

Project Architect (Buildings A-B), BIM Coordinator Hamburg Office, File exchange platform management

Responsibilities: Phase 1-3 (Design phase - Building permit)

Budget: 100M

Program: Residential / Mixed Use

Location: Hafencity, Hamburg

Year: 2016 - 2018

Current Status: Building permit

The project is considered the largest urban redevelopment project in Europe by landmass. Überseequartier is located in Hafencity - new modern district in the center of Hamburg that is drawing tourists from around the world. Recently completed Hamburgs landmark - Elbphilharmonie is its close neighbor. Project consists of 14 buildings and 12 architecture firms from around the Europe. In program there are offices, hotels, residential buildings with over 500 exclusive flats, 3 level underground parking underneath entire area, large cinema complex, over 200 shops covered with canopy glass roof, cruise ship terminal and parking for 1000 bikes. Project is running for BREEAM Outstanding certification.

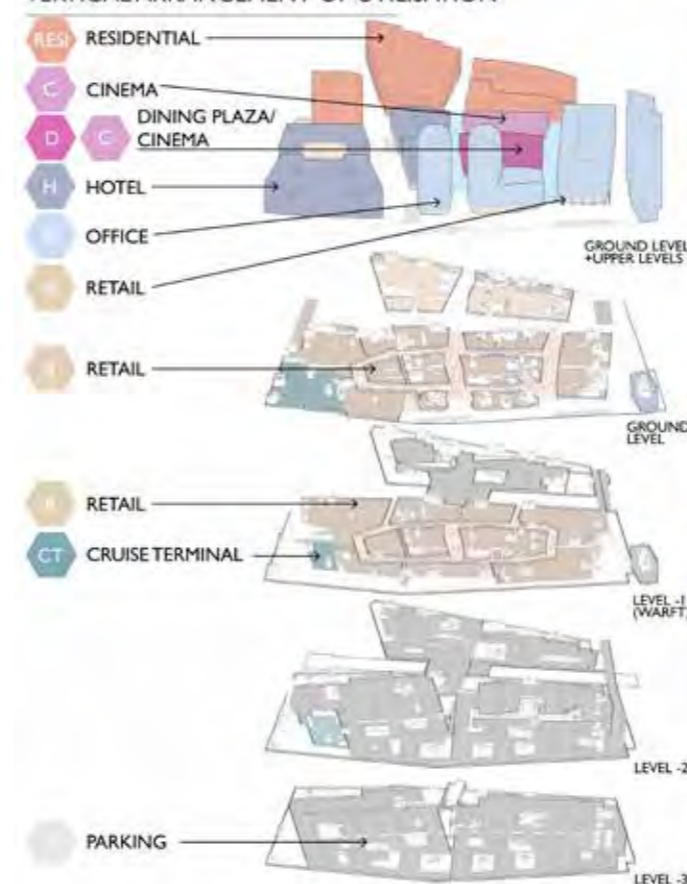
As a masterplaner my responsibilities are to design retail area, underground and bike parking in buildings A and B and coordinate the process in building E3.

<https://www.ueberseequartier.de/en/>

RESPONSIBILITIES Residential Buildings A / B / E3

OVERVIEW

VERTICAL ARRANGEMENT OF UTILISATION



Building A

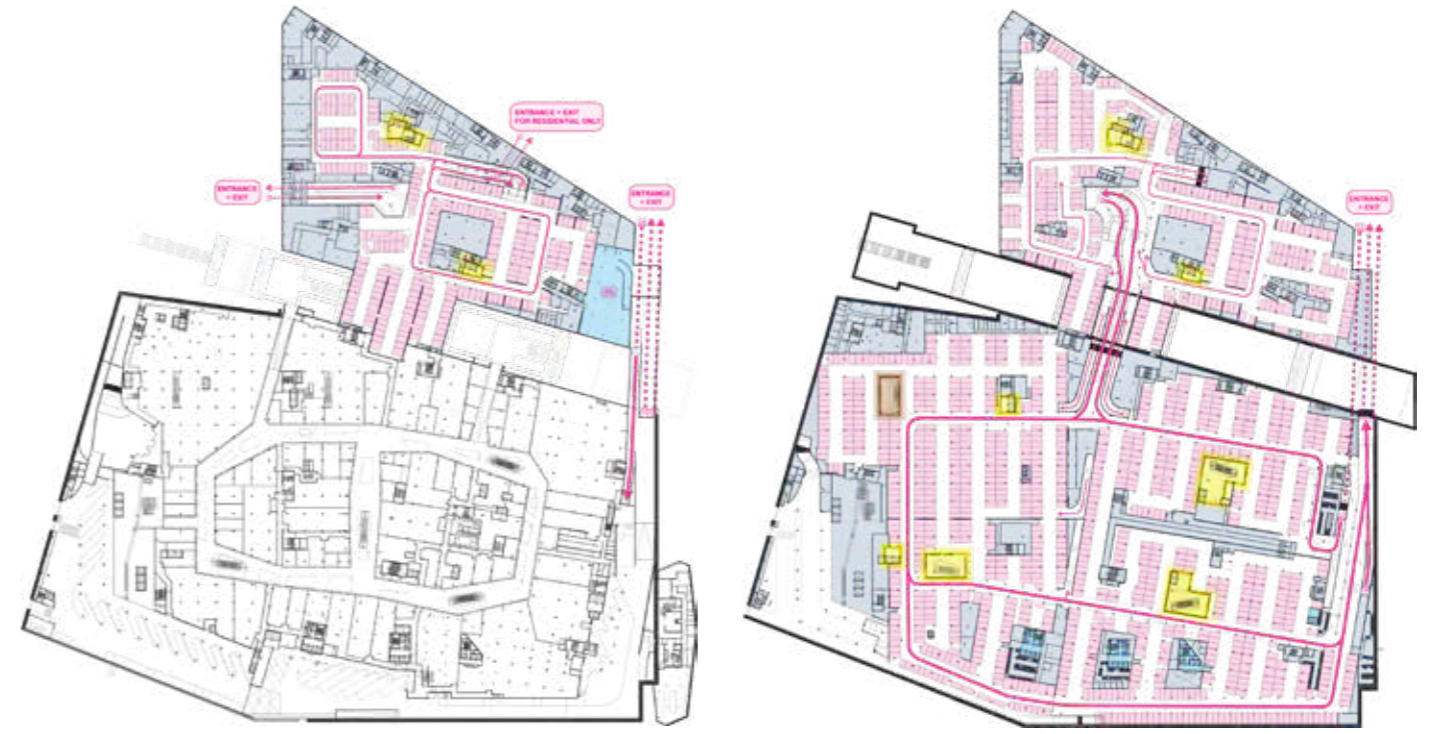
Architect: Carsten Roth Architekt
GFA UG+Retail: 19.061,52 m²
GFA Residential: 32.332 m²
2 Floor Underground parking up to Retail Ground floor. Self-reliant full range concept phase - building permission.
Coordination: MEP, Statik, BIM, investors, planning team.

Building B

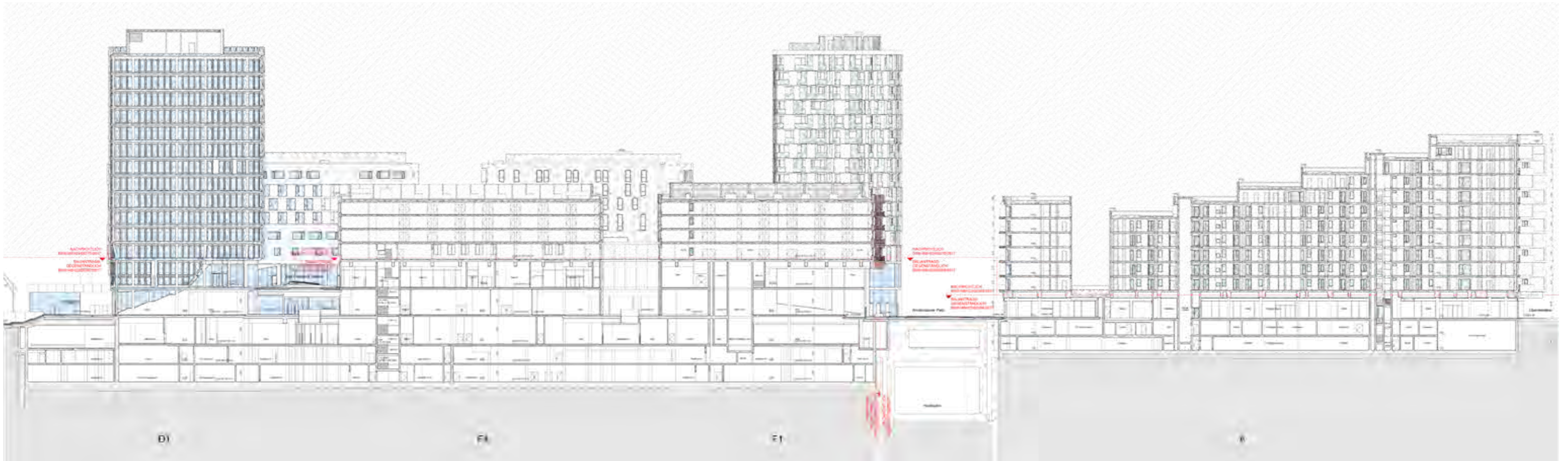
Architect: Leon Wohlhage
GFA UG+Retail: 29.412,14 m²
GFA Residential: 21.347,00 m²
2 Floor Underground parking up to First floor Retail. 1000 Bike parking including housing for bike and car ramps.
Self-reliant full range concept phase - building permission.
Coordination: MEP, Statik, BIM, investors, planning team.

Building E3

Architect: KBNK architekten
GFA Underground:
GFA Residential: 11.479,69m²
3 Floor Underground parking up to second floor Retail. Minor coordination concept phase - building permission.



Level -1 / -2
Transportation / Functional zones



{masterplan - BIM coordination}



BIM Architectural Model with overlaid MEP

Revit/Navisworks Coordination of 5 Architecture offices, 4 MEP planners, static, fire protection consultants, landscape planner



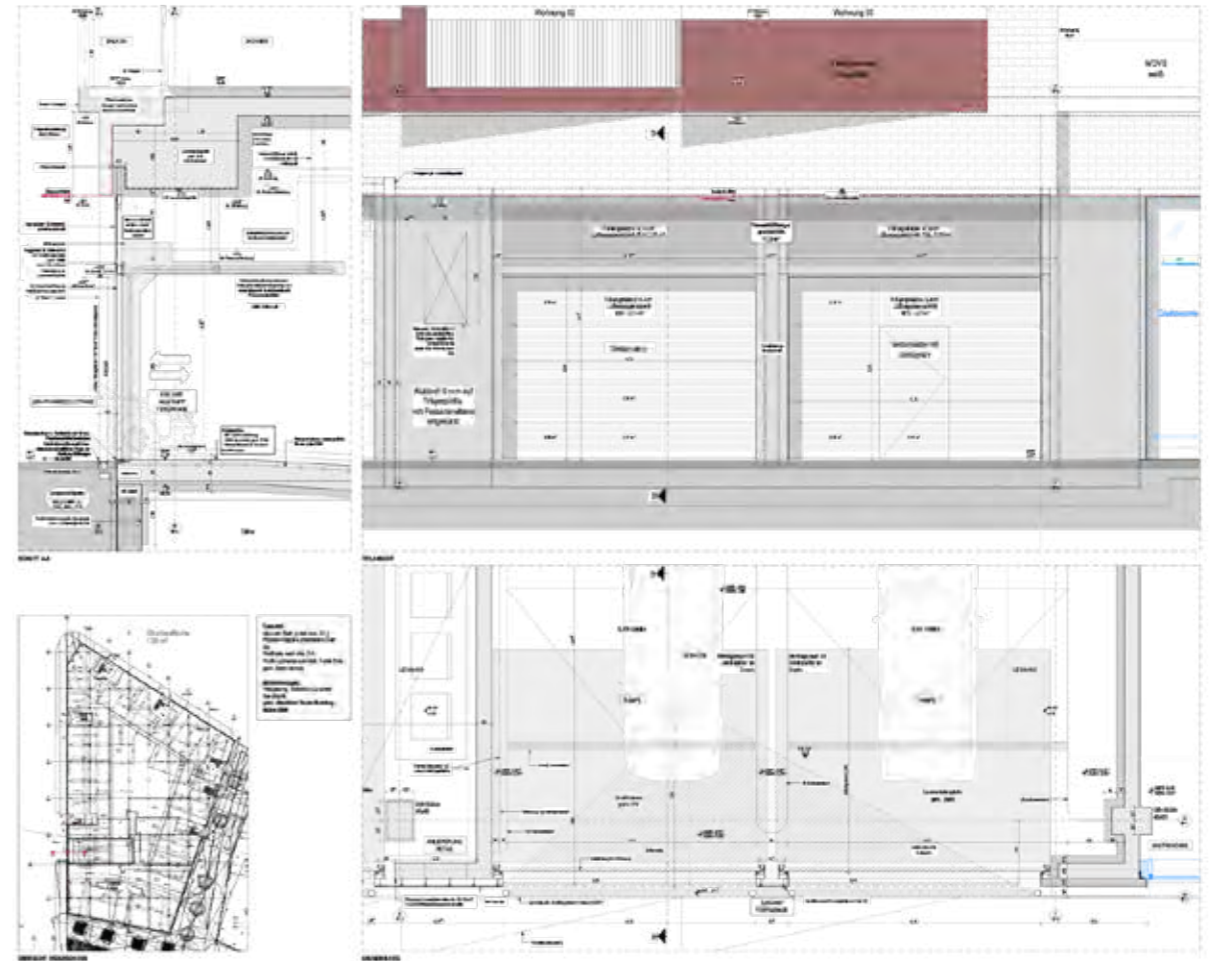
BIM Architectural Model with overlaid MEP

Revit/Navisworks Coordination of 5 Architecture offices, 4 MEP planners, static, fire protection consultants, landscape planner



BIM Architectural Model with overlaid MEP

Revit/Navisworks Coordination of 5 Architecture offices, 4 MEP planners, static, fire protection consultants, landscape planner



Level 0.
Ground floor plan



Level -1.
Underground Floor plan



Finnlandhaus

Project main Architect Concept-Details, File exchange system moderator

Responsibilities: Design Phase until Construction (HOAI Phase 1-5)

Budget: 14M

GFA: 7.700 m²

Program: Office, Retail, Protected building Refurbishment

Location: Hamburg, Germany

Year: 2014 - 2016

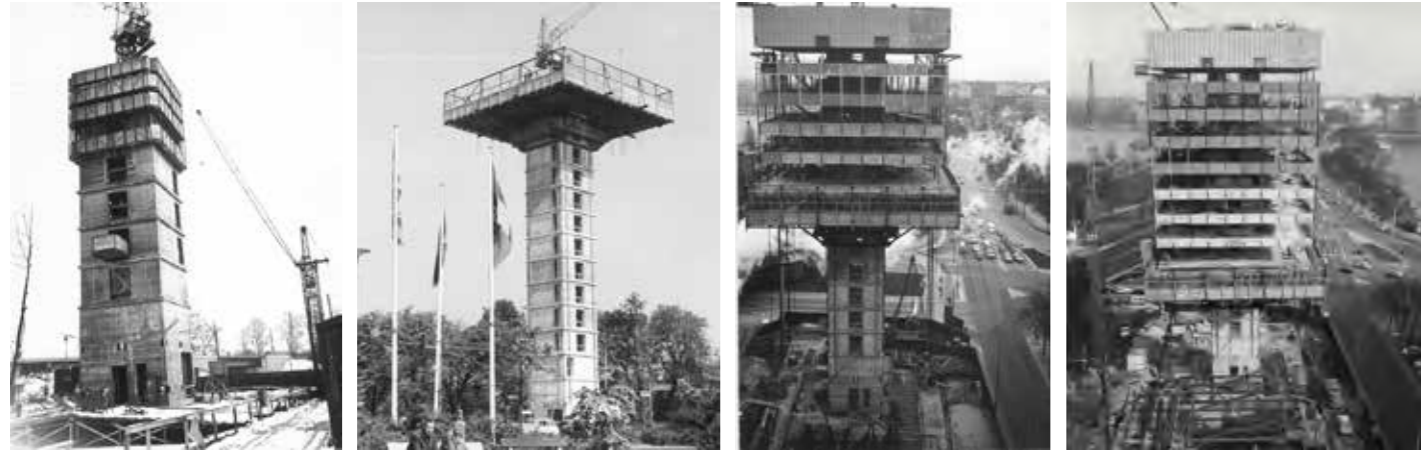
Status: Completed 04.2017

Project is in exceptional location the heart of Hamburg in between two lakes. Have been build in 1966, went through two minor refurbishments, after 52 years new investor decided to take it apart to raw concrete. Regarding the art of protected building refurbishment, restored have been ground floor to retail/gastronomy function, underground level that used to be atom bunker as underground parking/technical rooms, repeatable floors allocating offices, all facades and newly established terrace on the roof.

The main goal for revitalization was to modernize by preserving original look, making it DGNB Platinum sustainability certified, enabling accessibility for disabled, optimizing MEP and costs.

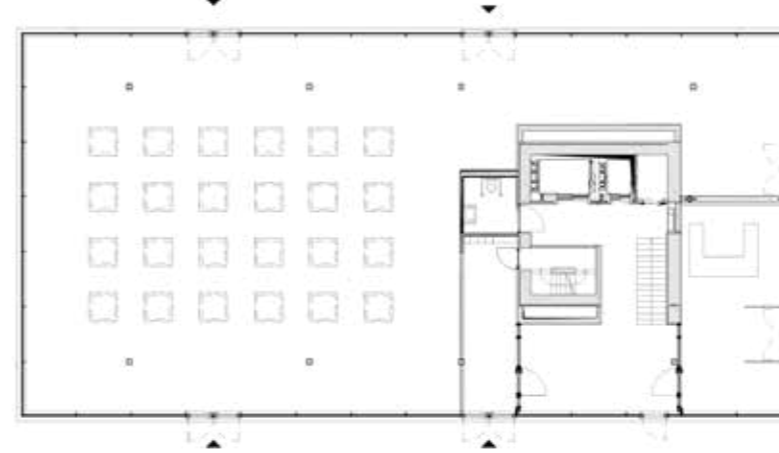
Upper floors consist of a square floor plan with the dimensions 21,23m x 21,23m with internal core. The building core contains the two escape staircases, the elevator system with entrance hall. The structural system consists of massive building core for horizontal reinforcement, and 12 diagonal ties supports in the facade area. On the edge of the 13th floor, there are over 12 fire-protection-clad beams supporting the outside of the floors. These consist of a 10cm thick steel flooring with a 45cm thick underlay grid, on the inside on consoles placed on the core.





1965 archive picture

Suspended concrete slabs and facade construction process where concrete core was build first and then from top to bottom suspended sealing and facade simultaneously



ground floor

on the left flexible retail area also can accommodate gastronomy / foyer offices



repeatable floor plan

example of one tenant floor plan with a amazing view on both Alster lakes and heart of the the city. Massive 150kg manual windows allows to take a breath of fresh air when needed.



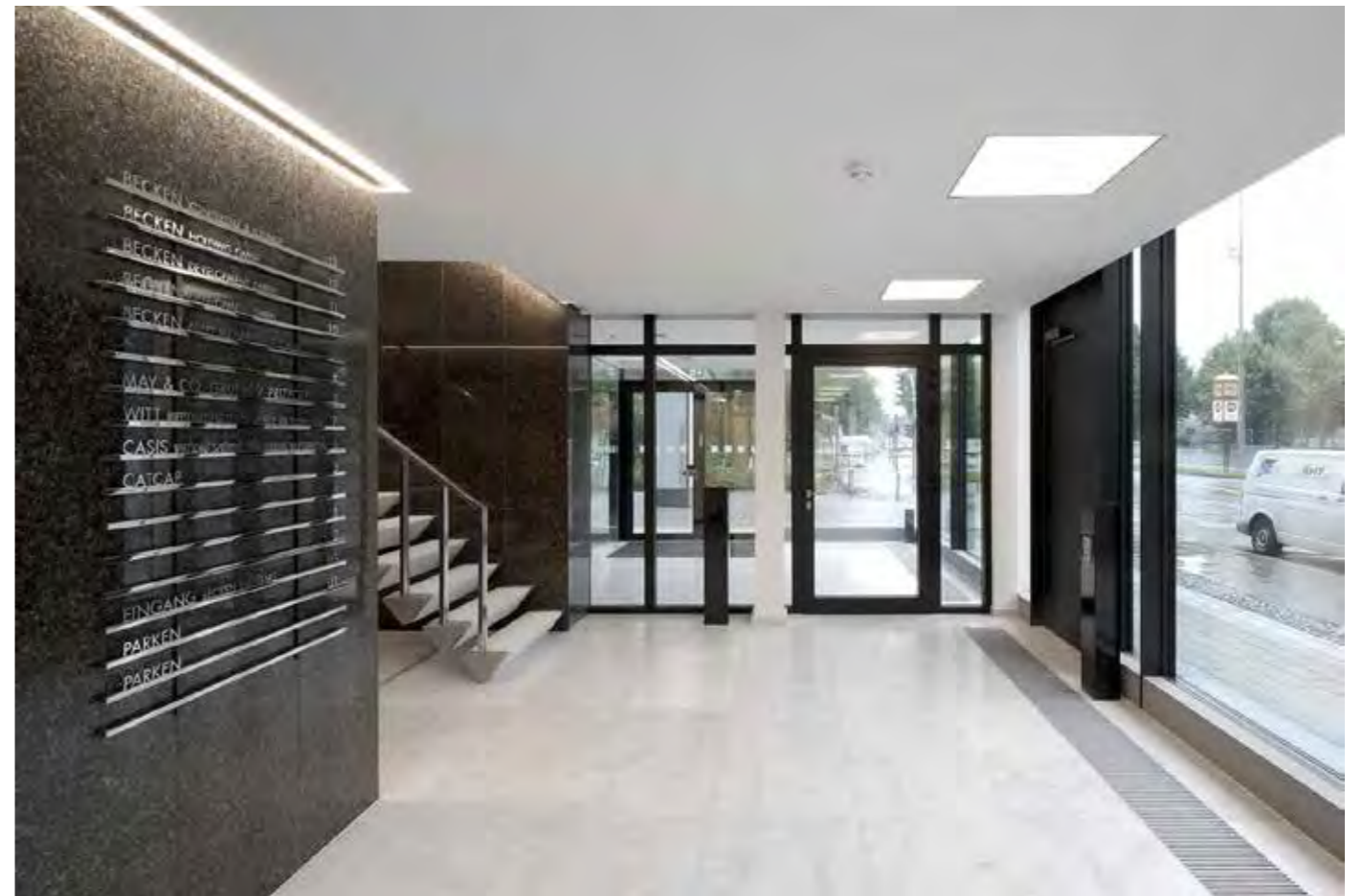
section view

visible rests from atom bunker walls from WW2. Now underground parking and technical rooms.



facade

Prall glass placed in front of the window was required to achieve required by DGNB accreditation sound proofing level even when windows are open.





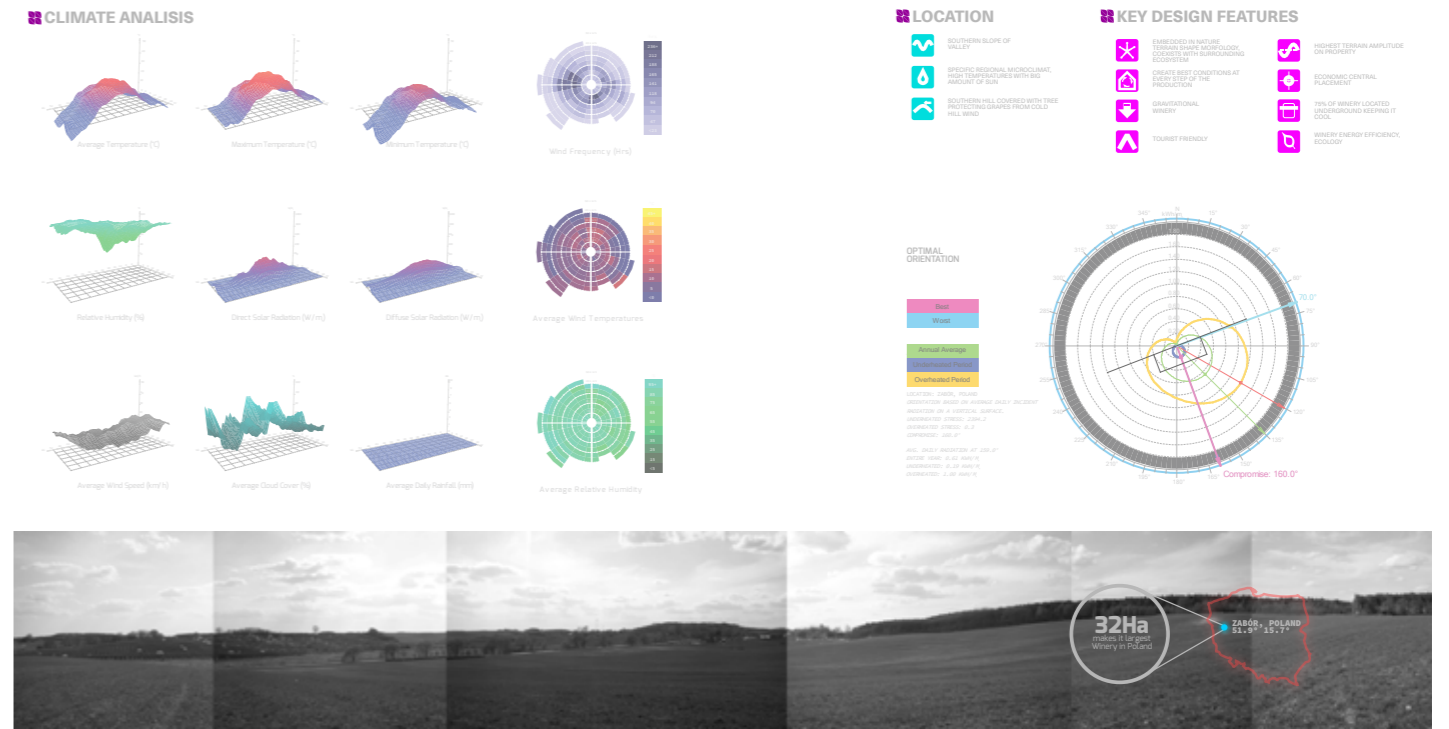
Signaliduna Kapstadtring

Responsibilities: Architect
 Program: Office
 Location: City Nord, Hamburg
 Status: Project, Studies
 GFA: 33,500m²

Location is have industrial background and currently development of the district being pushed by the state. Surrounding buildings have varied topologies, we have decided for closed o-formation with open courtyard in the middle - this solution is prioritizing positive GFA / costs ratio. Building is composed from lower 6 story offices and two groups of shifted towers.

Project is result of analysis based on previous studies of existing building and is one of three variation that adopts idea of building a new structure on top of a existing foundations. Building is 15 stories high with 2 underground parking levels and tunnel connecting with neighbor building with total GFA of 33,500 m² and estimated cost of 87 millions euro.

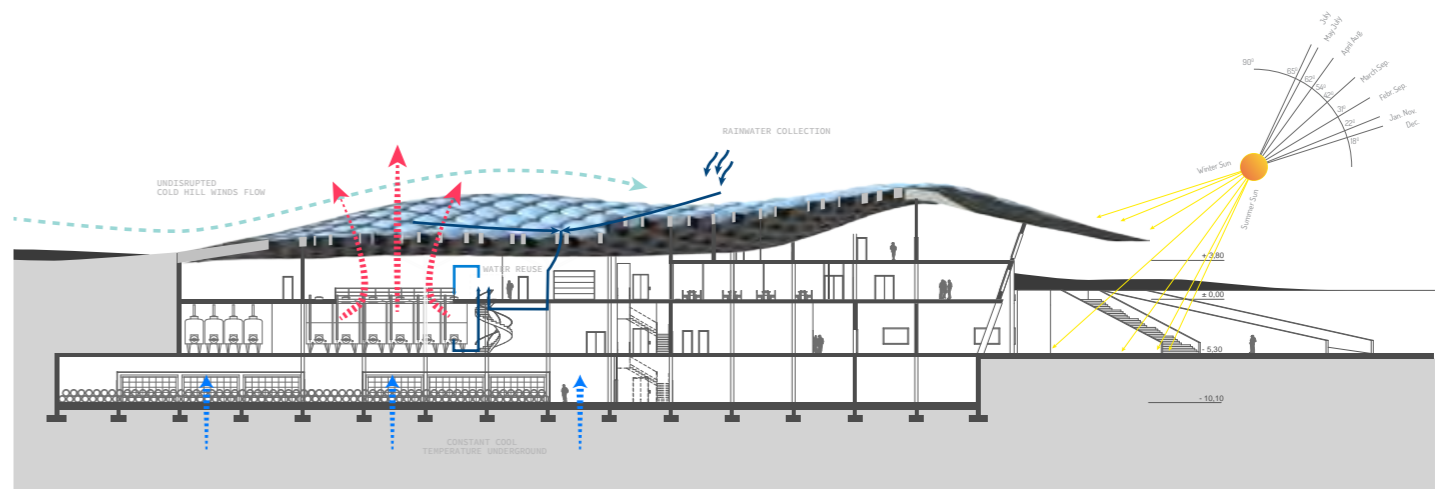
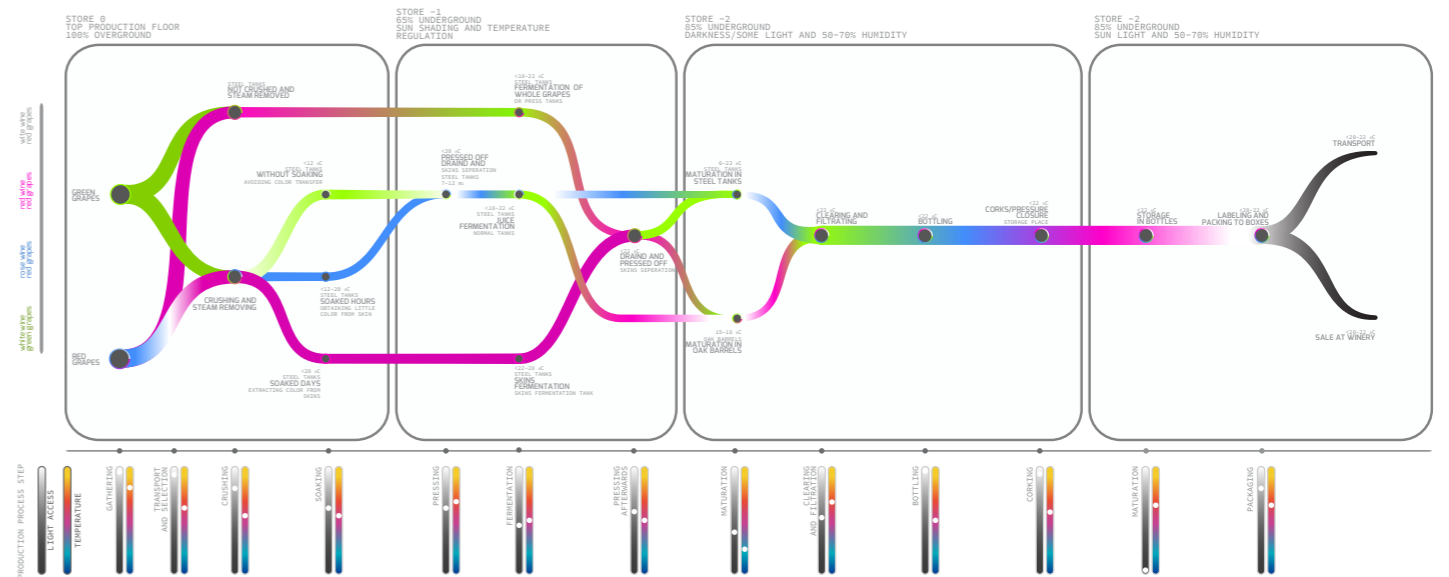




Winery concept

Responsibilities: Design Architect
 Program: Winery
 Location: Zabor, Poland
 Year: 2010
 Status: Academic

Idea, form and function is a result of analysis of surrounding environment in a matter of economy and ecological point of view. Studies of wine production suggested many solutions starting with locating the building in more than 70% underground, distribution of needed spaces regarding analysis of sun, temperature and humidity for production highest quality product winery uses gravitational production process (not mechanical) until the safety issues for workers. Form is interfering as little as possible into surrounding nature, hiding itself underground and using terrain heights differences to it's functional advantages. Bottom floor is used for storage, maintenance and transportation floor with we reach at first arriving has a square with ponds reflecting sunbeams and warming nearby vineyard and hallway leading to offices, laboratory, tank room and workers rooms. Reaching upper floor we get to the visitor focused area with wine shop, restaurant and square on the elevated from where a spreads skyline on vineyard and where first grapes are being delivered.





radio:nuclide

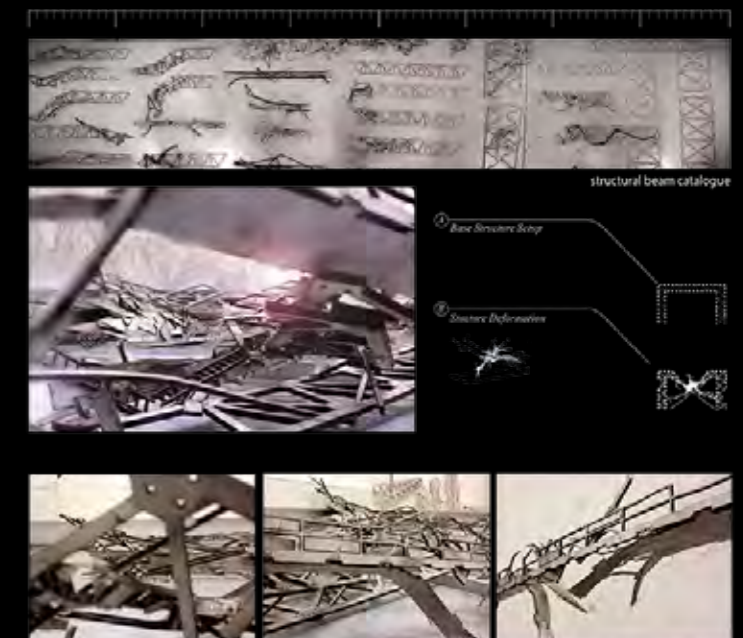
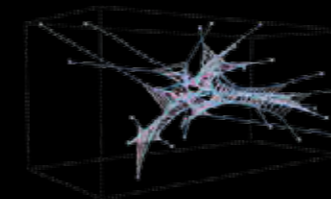
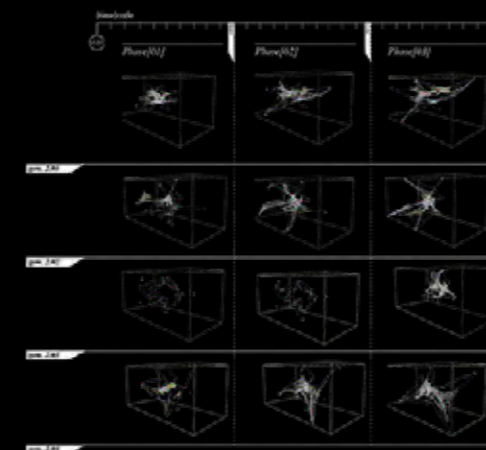
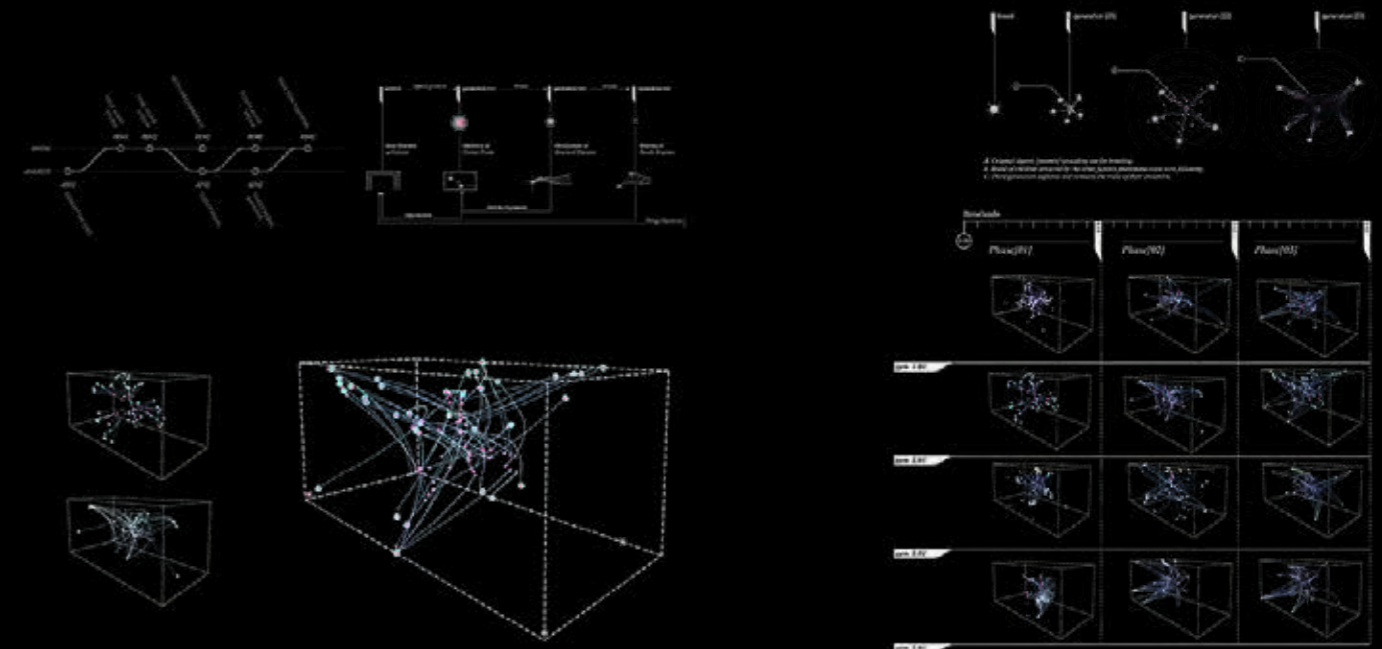
Responsibilities: Design Architect
 Program: Coding concept work
 Location: -
 Year: 2012
 Status: Workshop

Apocalypse, most likely a tiny bit later than now.

In a post-nuclear future, when the earth is riddled with radiation, a new urban developer proposes to regenerate the cities back into civilisation. [radio:nuclide] was implanted within a highly hostile space in an abandoned area near Baikonur, Kazakhstan. Part fungi, part mollusc, part machine it intends to soak up the radiation and remove it from the irradiated cities, unifying with them in the process.

OOE Workshop Ghent:

In contrast to contemporary thought and design, which views things as the aggregation or assembly of smaller bits and parts, in OOD new objects emerge out of an ecology of interaction of multiple and heterogeneous objects. Through a process of formation or computation, highly differentiated, contradictory concepts and structures can become one object, without resulting in an incongruous collage.





Thank you for your time.
I look forward to hearing from you.

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