

The school for Gold and silver smithing
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4813030

1



Golden Lunulea

Crescent neck rings are characteristic ornaments from the early Bronze Age in Europe.



Celtic ornamental motif

The Celtic style is a fusion of existing jewelry traditions with the influence of the Germaase and Viking ornaments. This jaw-ritual style is reflected in this design for a tattoo.

-

Juwerly is the most transformative thing you can wear.

- Iris Apfel -American business woman and fashion icon





History of gold miningScoop soil material from the riverbed with a gold pan.

Present gold mining in 2019 42% of the gold supply worldwide comes from recycled gold.

-

Craftsmanship today



gemstone, natural stone and pearls



aluminium jewelry



bronze jewelry



copper jewelry



leather jewelry



cotton jewelry



wooden jewelry



plastic jewelry



gold jewelry



silver jewelry



titanium jewelry



rhodium plating - gilded materials







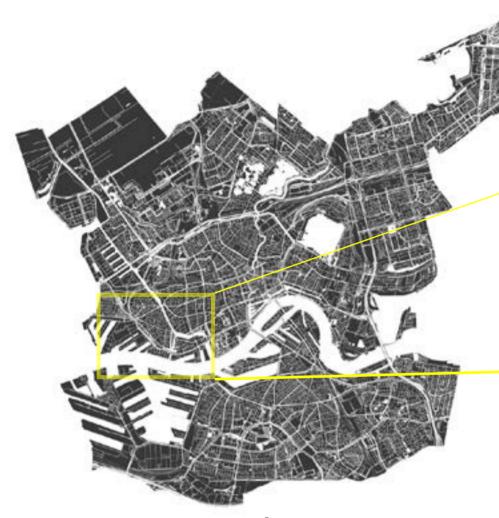


silversmithing



research and craft of gems





Rotterdam



Delfshaven



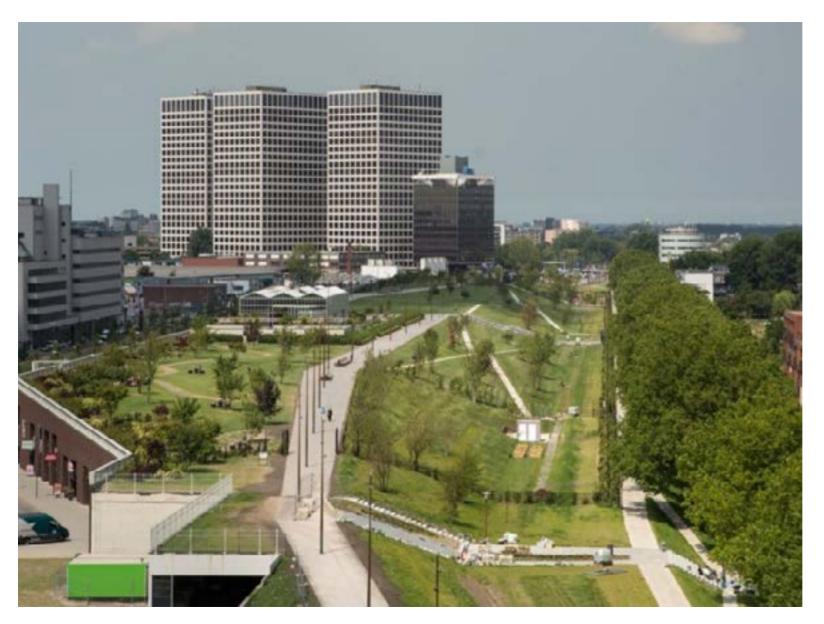


Plot Existing situation





Plot Existing situation



Shops and rooftop park architect: W. (Wouter) Butzelaar end

M. (Max) van Son date: 2009-2011

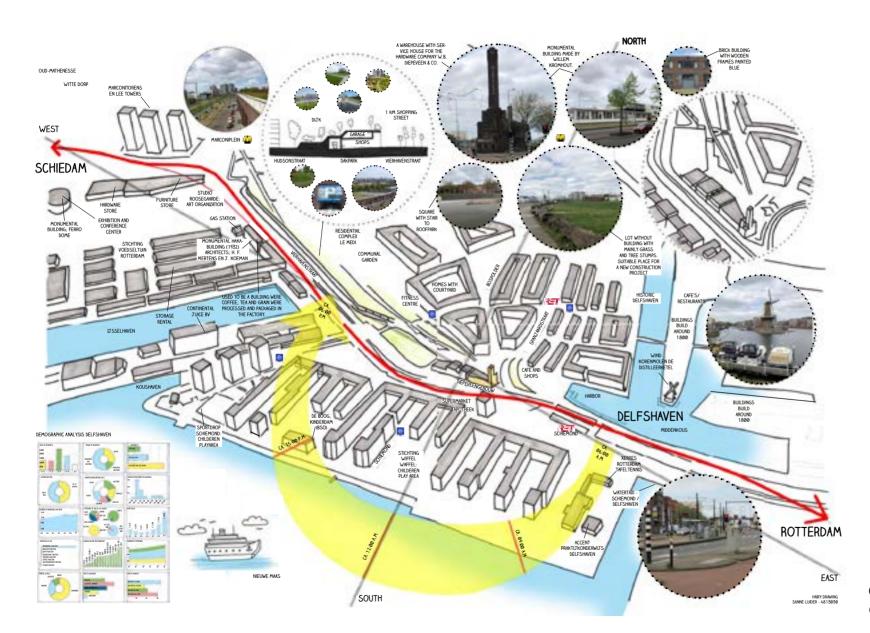








Diepenveen buildingarchitect: W. (Willem) Kromhout
date: 1929
style: cubism



Current situation

Overview of the environment



Plannen voor Historisch Delfshaven: straks vaar je met een bootje door het pittoreske wijkje

Mel een boollje door Histlanisch Deffsteven veren, meer groen en een telere beneitzeament. De gemeente neert plannen om de lege een opgegoer te geven.

white twee peers many transit but I have be





that as more, suce parest of his water is Haterische Dethiculer had alser geland under Redemberkreis man ook hij meraj hande. Dut kan er hat een en ander worber ywoelens, aled as gomeente, dier van de plannen is het water in de wijk een gotten oo te

Doer de gree van de Rottersamse turien en de aanseg van de Coenteiven ap voer van de haldmindre wetendrucksen Anschlieben en net meer te zen. Met haldmindre kansete van hal vater mod een de vrigen met de Aleimandessen als hetensch aanteum, de Milliondruck als magelijk wetengunk en in de Aufderhaleen kan de verbrining met het industriës van de verbelen zichtigszer worden gemann.

Steepen

Ce cude dure basen de fadoraci results en de fadoraciente fluire pou even insponenția numeri serden germani cicir sonane. Ze sar ler vero con norce gleureri verotan occir con four de releventrat unitera ii to intiferi, indissol ear telene verbining met de fatorariacearea.

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Fietsroute

De gemeinte ver de terresculament van Historiach Dethniuwn vergroen ook da Housenhauf, Kapiterniuwn en Spergerichtwall Microelen v. in de nyteen ee anteregemeister. En door hat gebriek te volken de view aan fastersules en nat. noerbaar verwoor vaar Historiach Definieuwn te eins deren.

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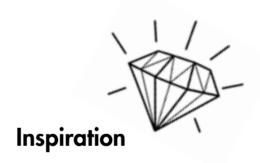
NRC, zaterdag 5 december & zondag 6 december 2020

Katern: City development

"One of the ways to improve the neighborhood is to boost tourism."

Plan of action: visible history, recovery of the past.

"Delfshaven is still too much of a hidden gem" - Dennis Ezendam (urban developer, municipality of Rotterdam) (Delfshaven is nu nog te veel een 'verborgen parel')

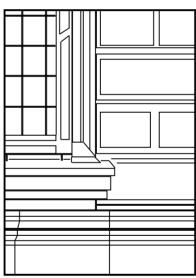




Research into Silver and Goldsmithing

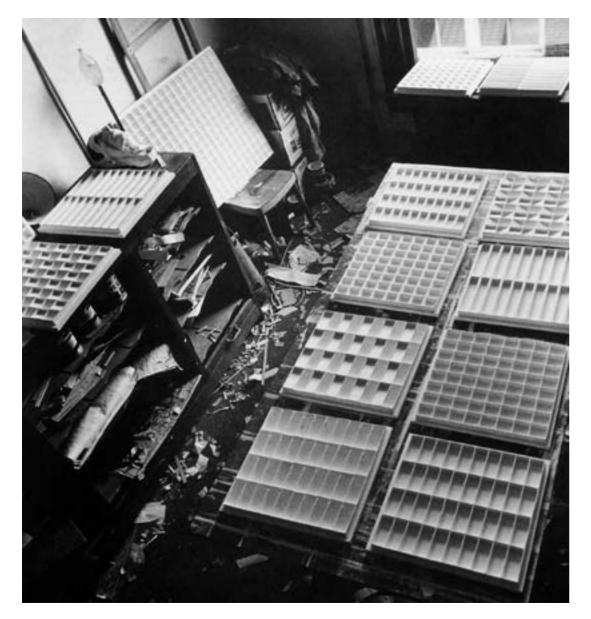
- Architectural designs





- Proportions
 Materials
 Time



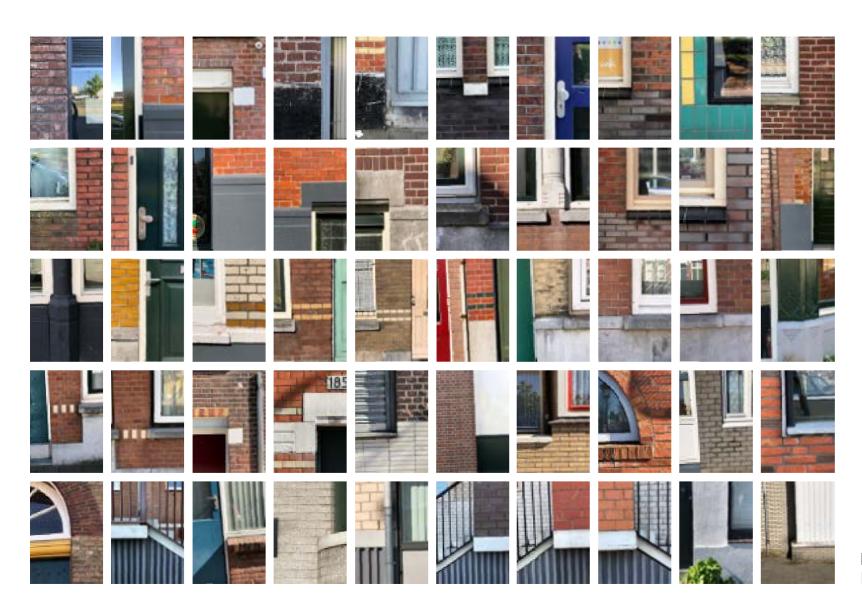




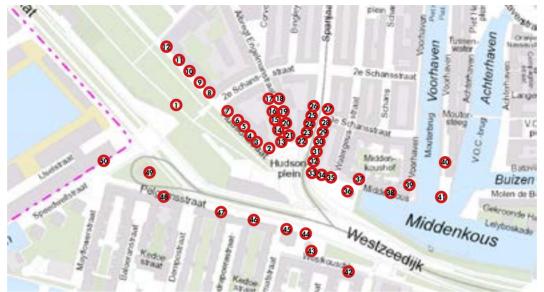




Work of Jan Schoonhoven (1914-1994): Art direction 'Nulgroep'



Fifty pictures of the area Facade details

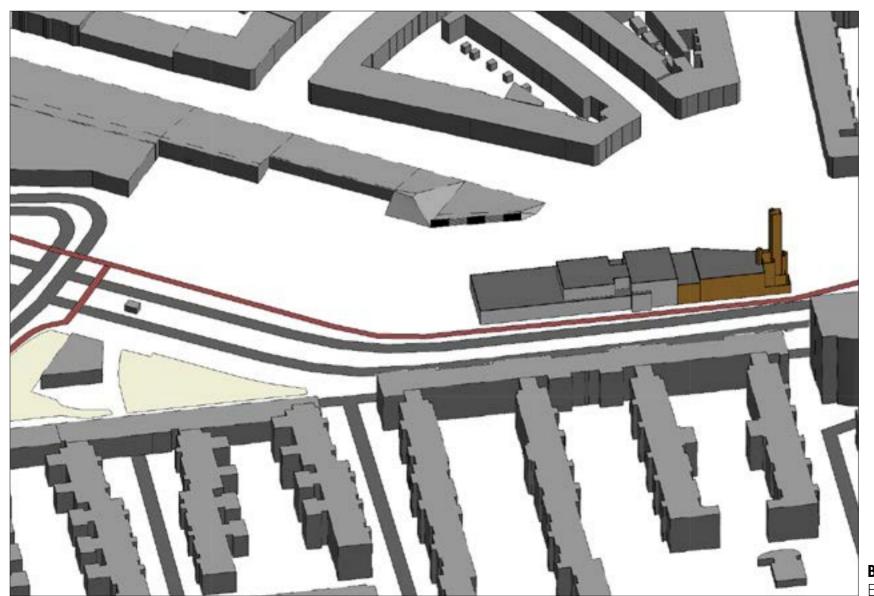


Location of picturesFifty pictures of the area

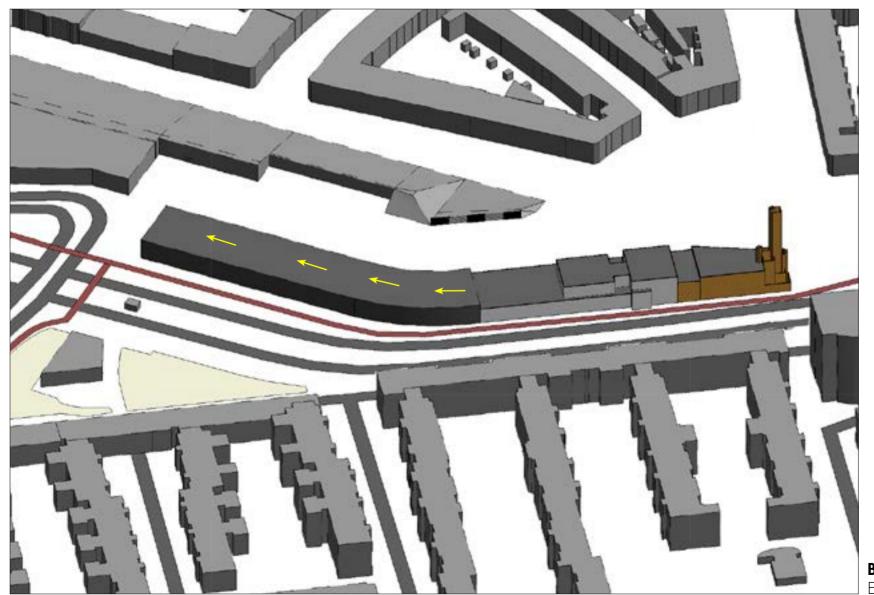


HistoryAge of the buildings

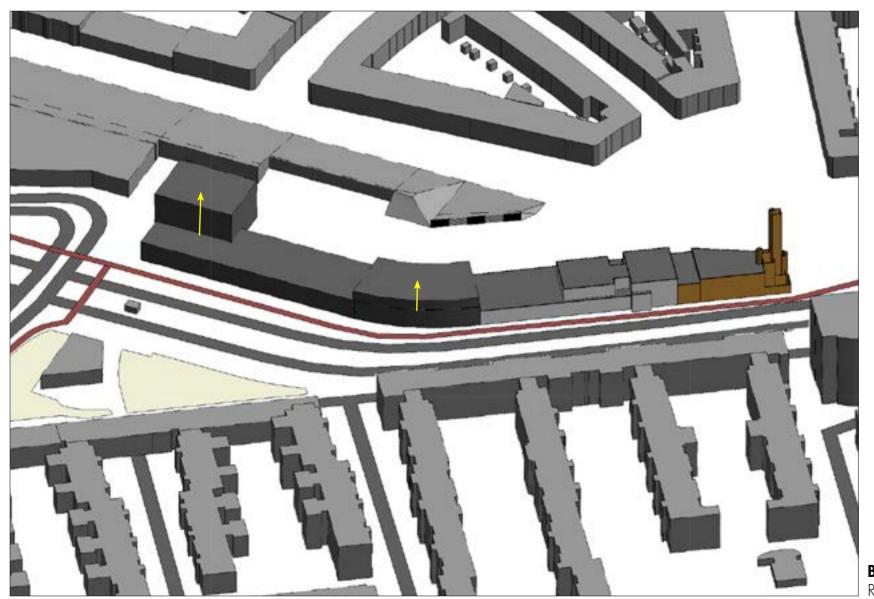




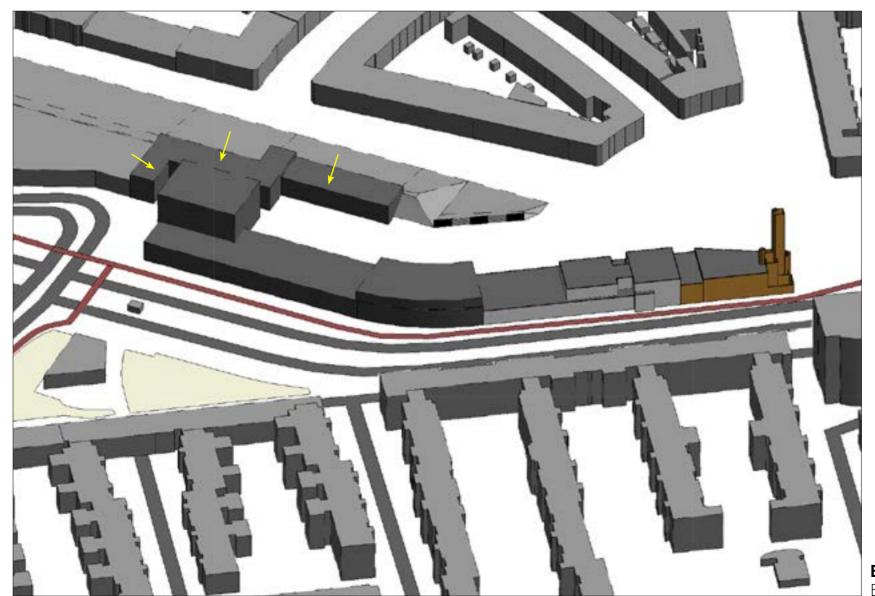
Building design Existing situation



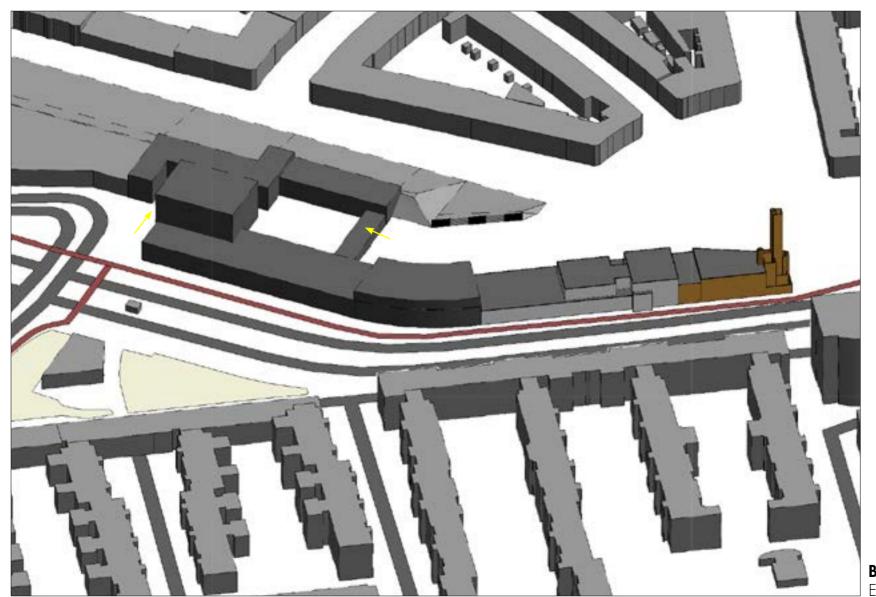
Building designExtension of existing building



Building designRaising building elements

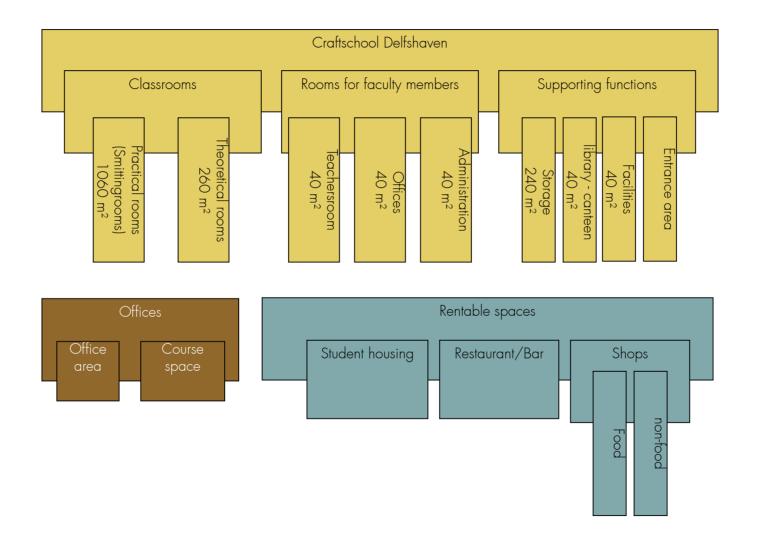


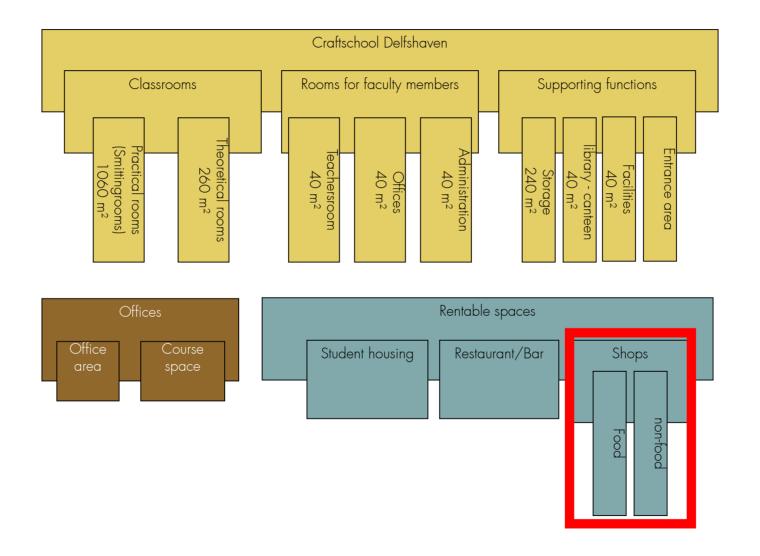
Building design Enclosed building



Building design Entrance areas

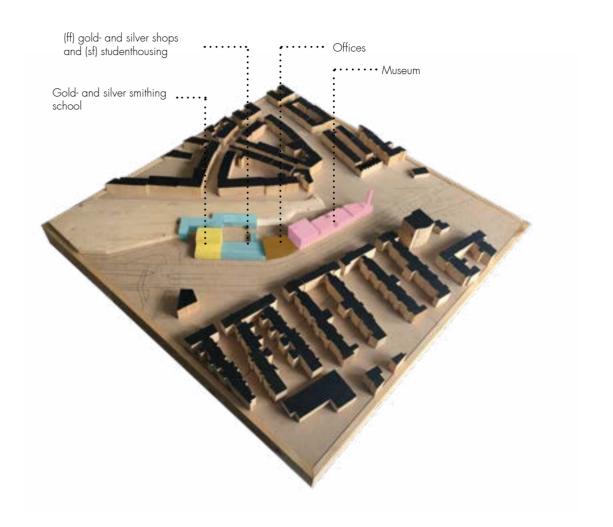


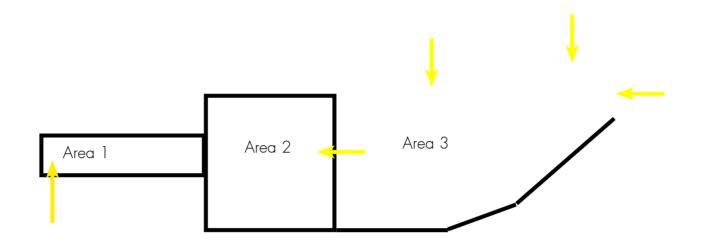






1:500 schale model (80 x 80 cm)





Passage - shoppingstreet:

A (covered) connection between two places, often designed as a shopping arcade and only accessible to pedestrians.

Small courtyard (50 to 250 m2) is a paved courtyard or alleys

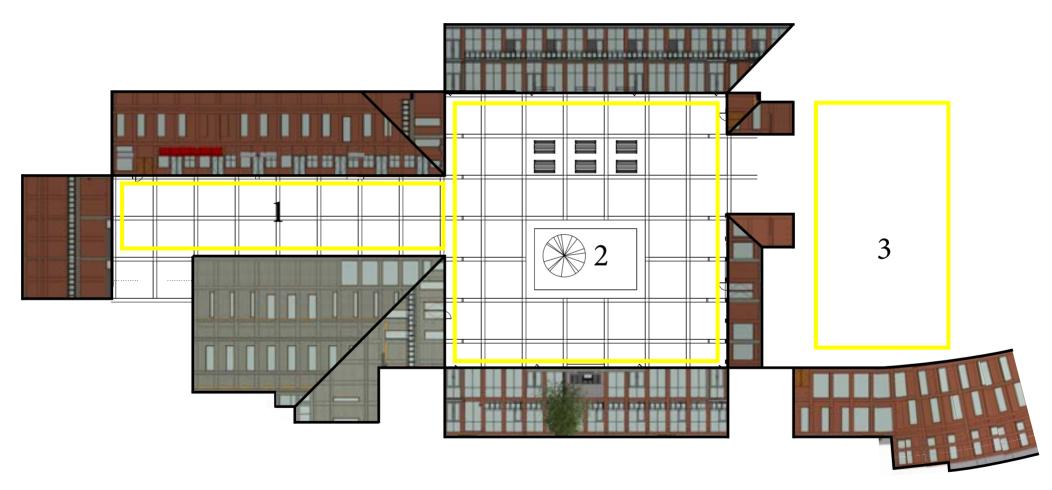
Gildehof - residential area:

Limited space; where, for example, flowers, herbs, shrubs or trees could grow.

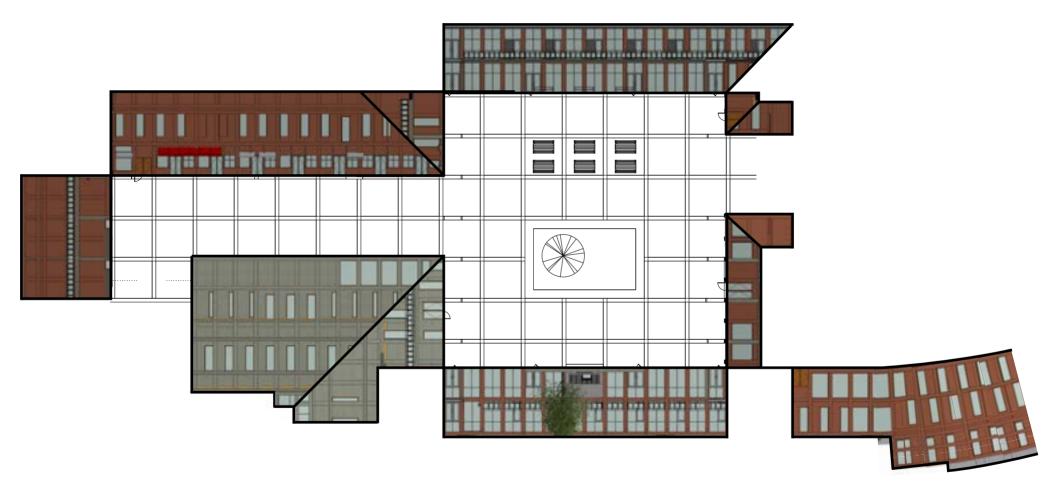
In medium-sized courtyards (500 to 1000 m2), the courtyard is a garden.

Common square:

A square is an undeveloped space surrounded by buildings and is part of the street network of a city or village.



The three squares
Shopping street (1) - 'Gildehof'(2) public area (3).

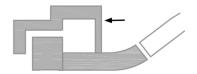


The three squares
Shopping street (1) - 'Gildehof'(2) public area (3).







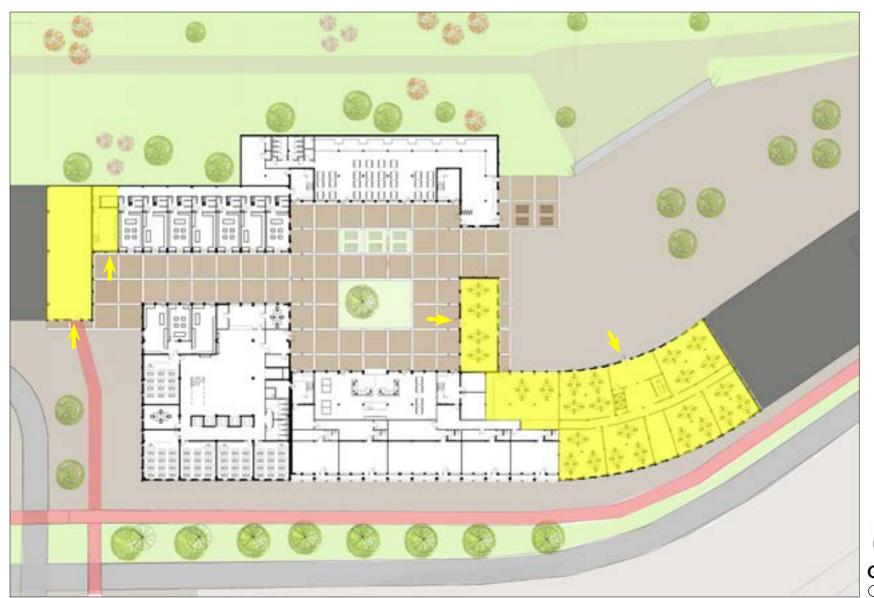


Entrance area 1Bar and entrance 'gildehof'





Entrance area 2
Bike storage and shopping area

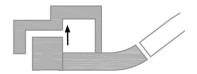




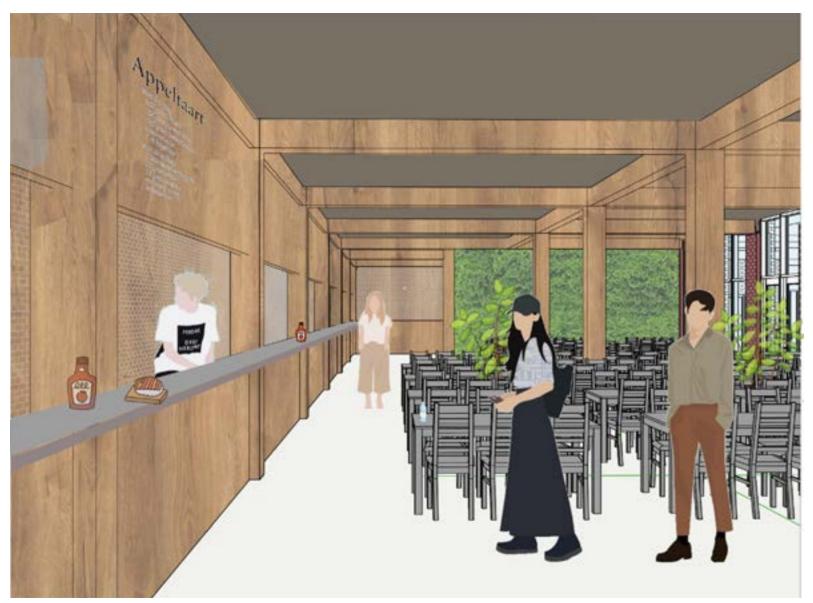


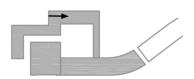




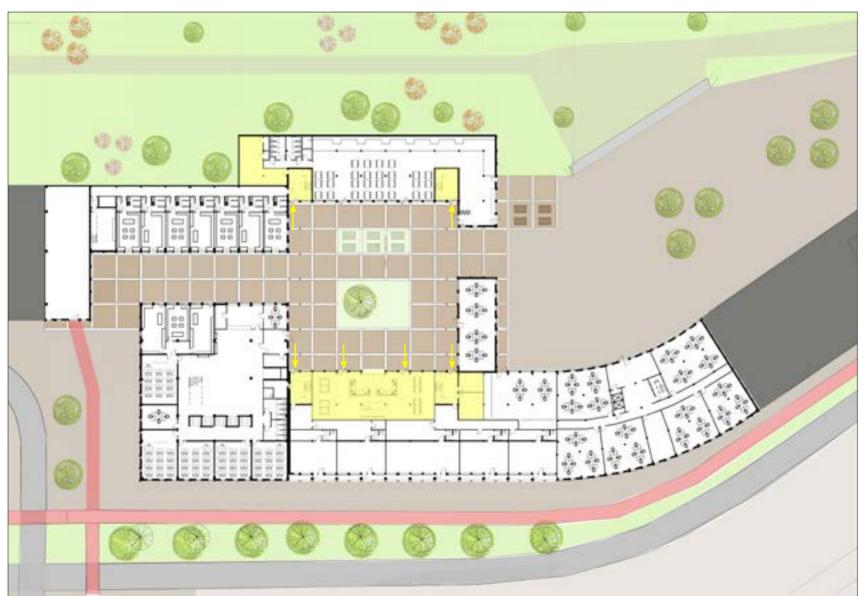


GildehofRestaurant and entrance student housing





RestaurantFacility for students and visitors

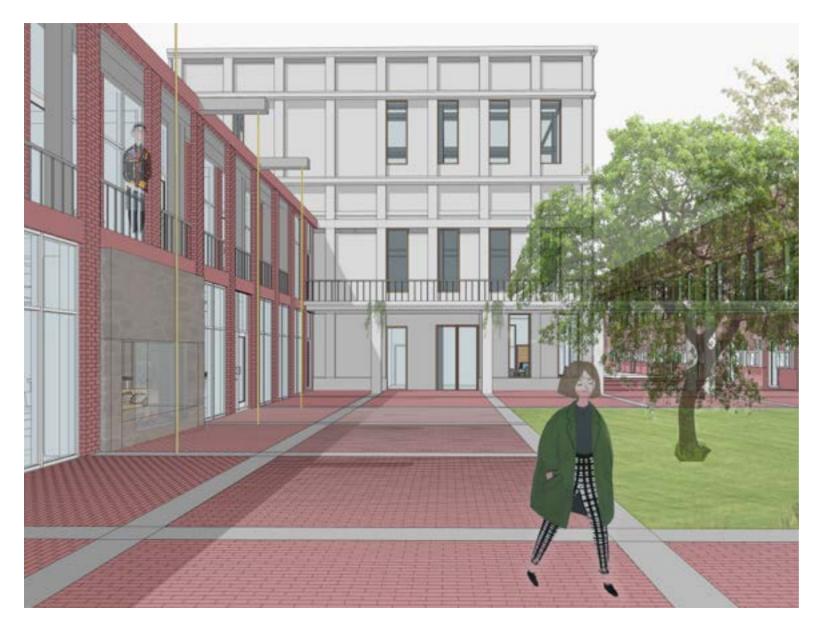




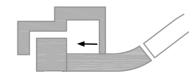




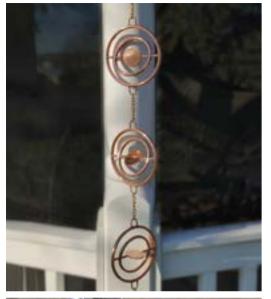
Ground floorGold- and Silversmithing school highlighted





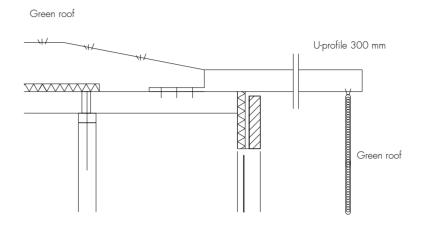


GildehofEntrance to the school

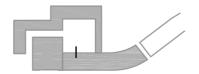






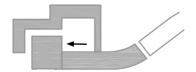


DetailsRainwater drainage

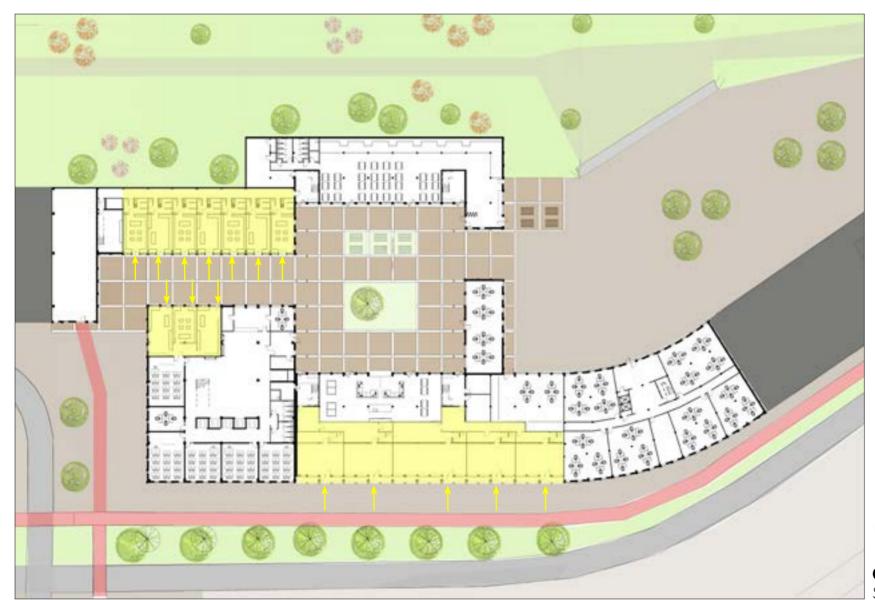


BiodiversityRainwater drainage





Reception areaAtrium and shop window

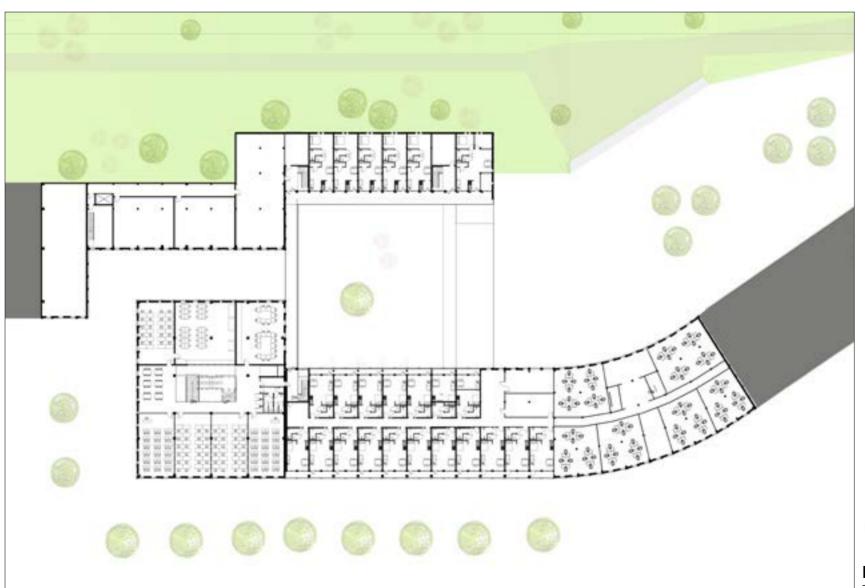




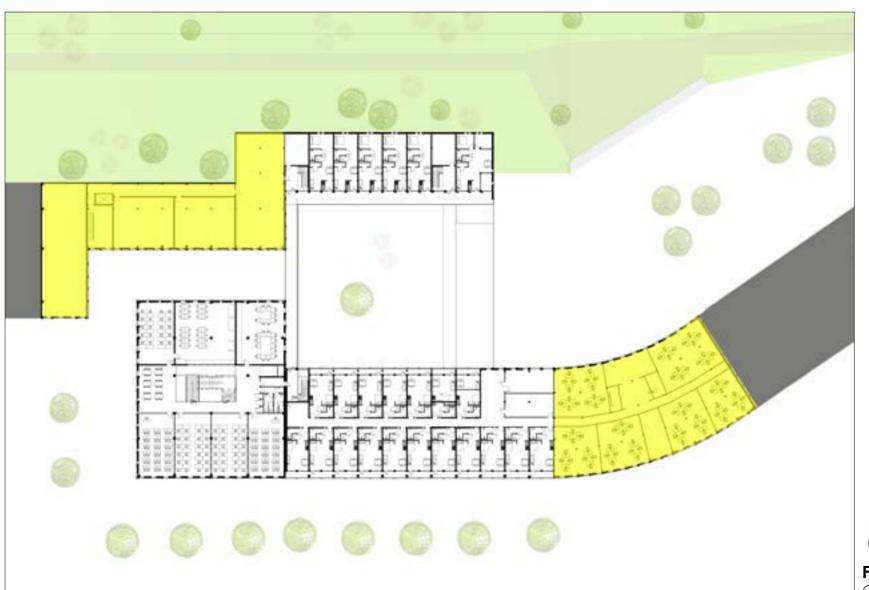




Shopping streetJewelry shops and school building



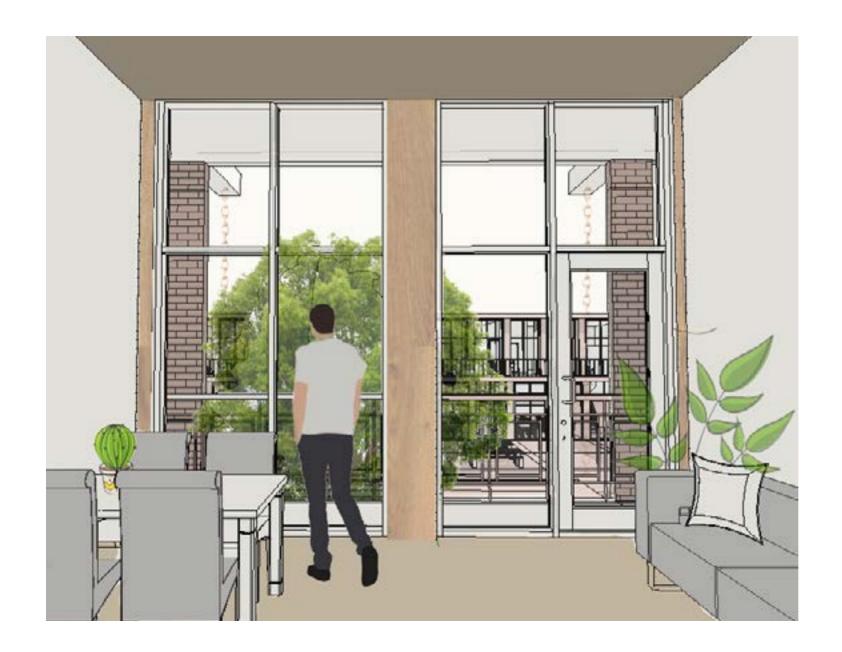


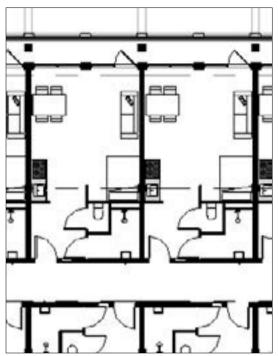


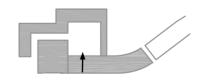




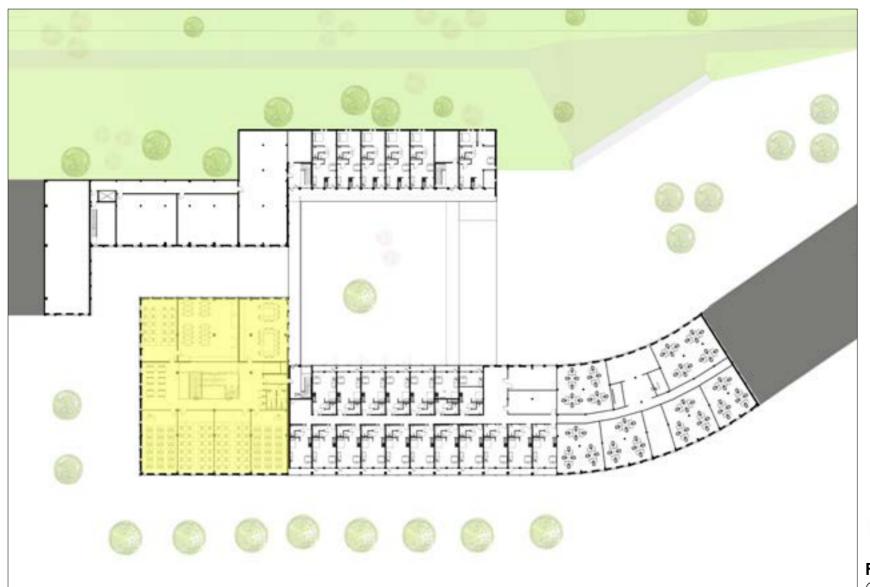




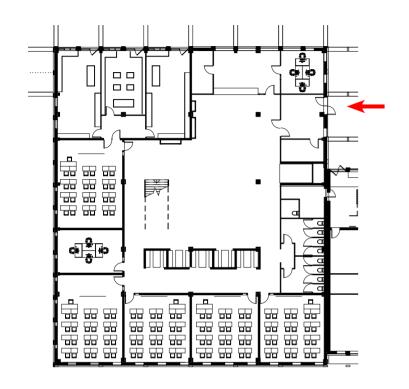




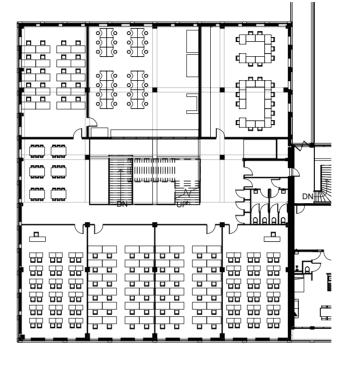
Student housing View on gildehof

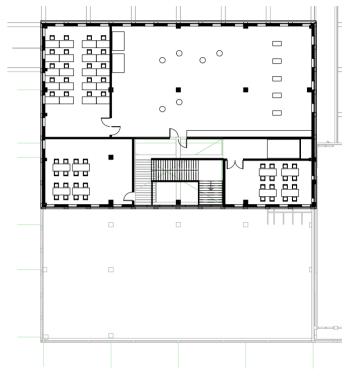






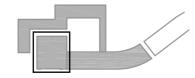
Ground floor





First floor

Second floor



Student housing View on gildehof



Theory space and -practice space close
together. This allows
a combination of
activities to take
place during class.

... Ceiling lighting and additional lighting at the workplace

six people

Storage



Relatively wide tables.
This makes it easy to put tools down



Small theoretical space and larger practice space to functionally organize lessons

The silver is beaten in shape. This causes a lot of noise

large tools in the center of the room



Storage on the ... wall

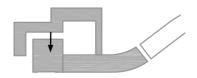


Students have small personal tools

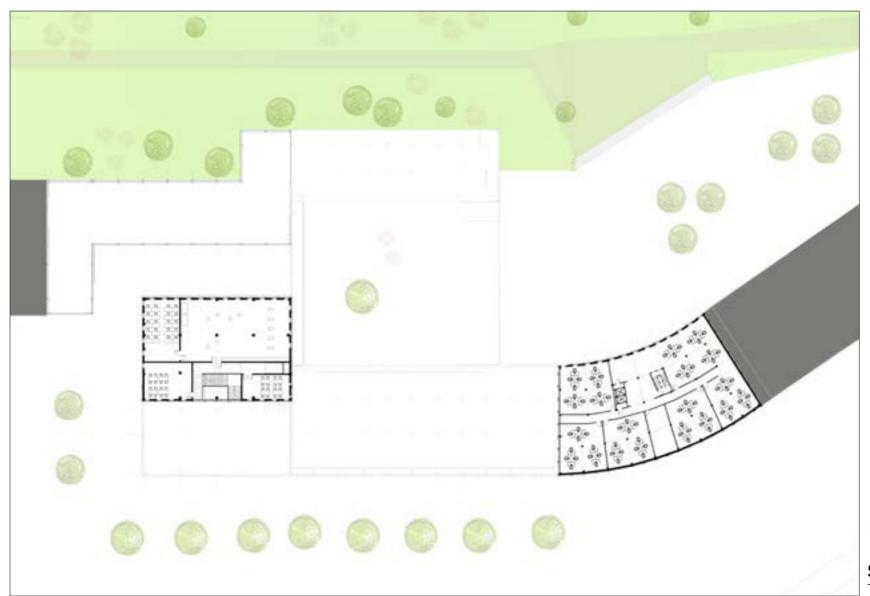




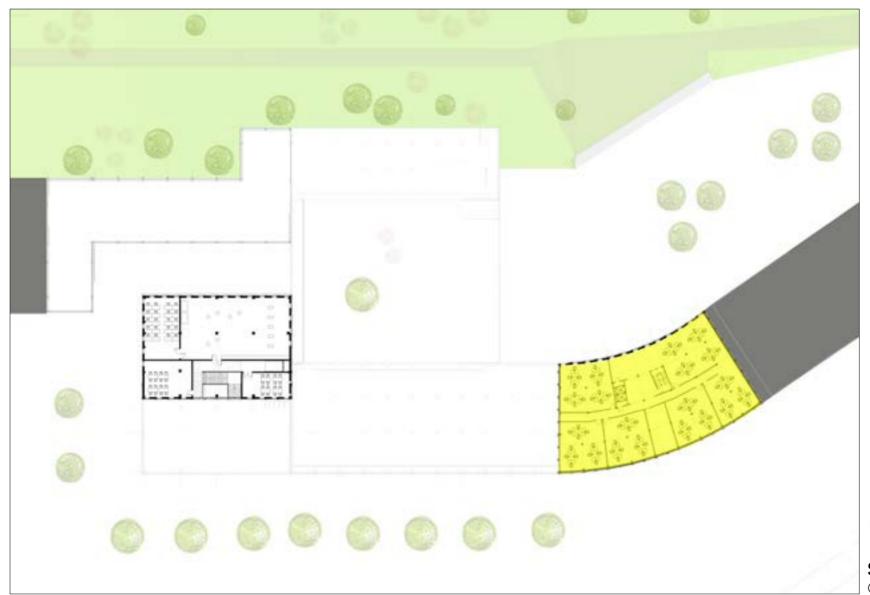




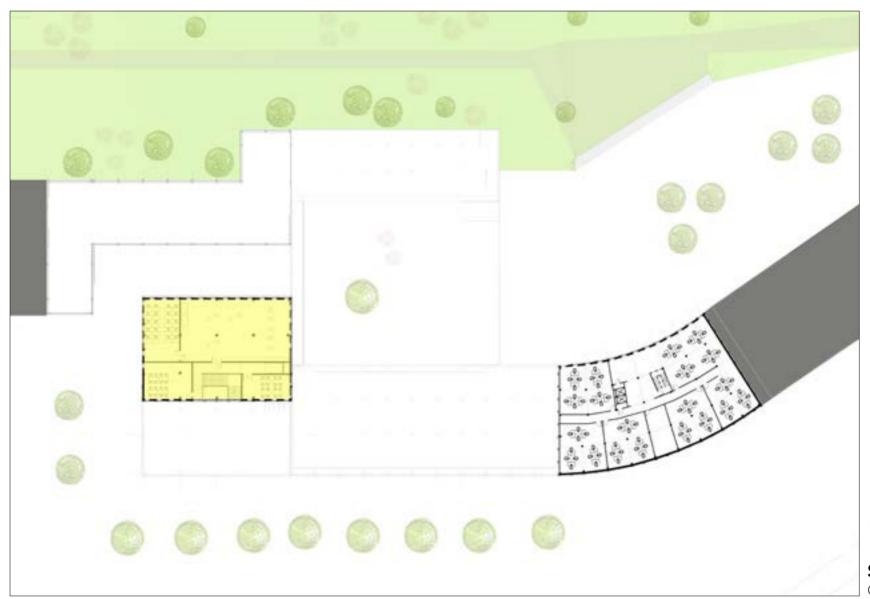
Practice roomGoldsmithing area





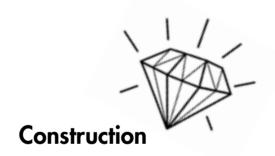








Second floorGold and silversmithing school





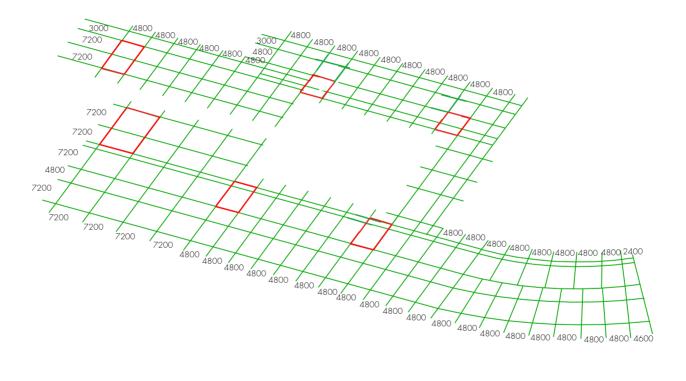
Invisible wood construction

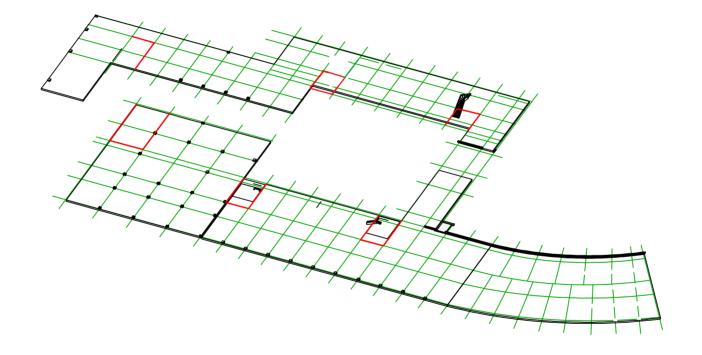


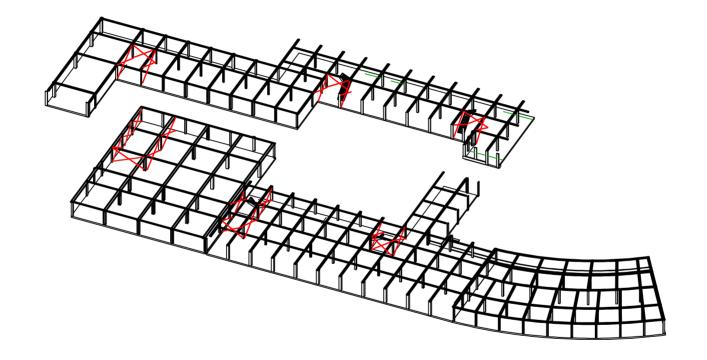
Lignatur

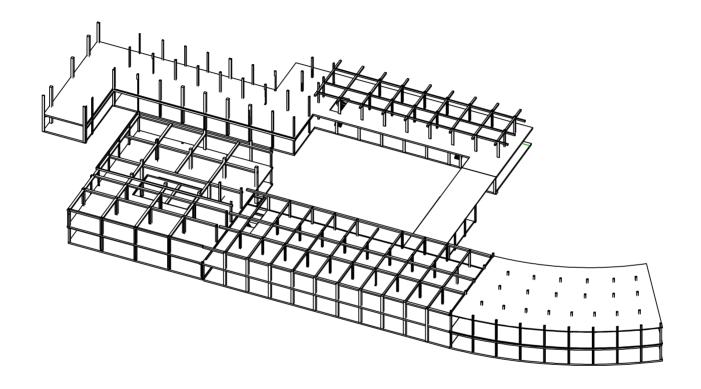


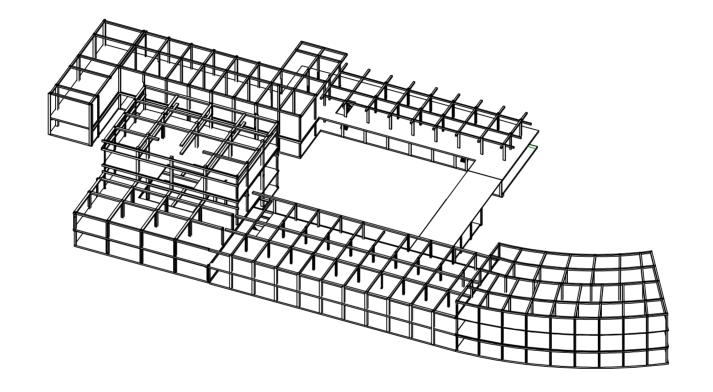
CLT floor

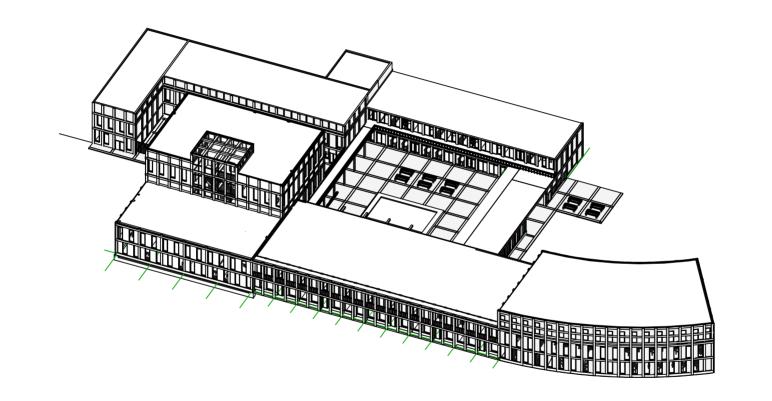


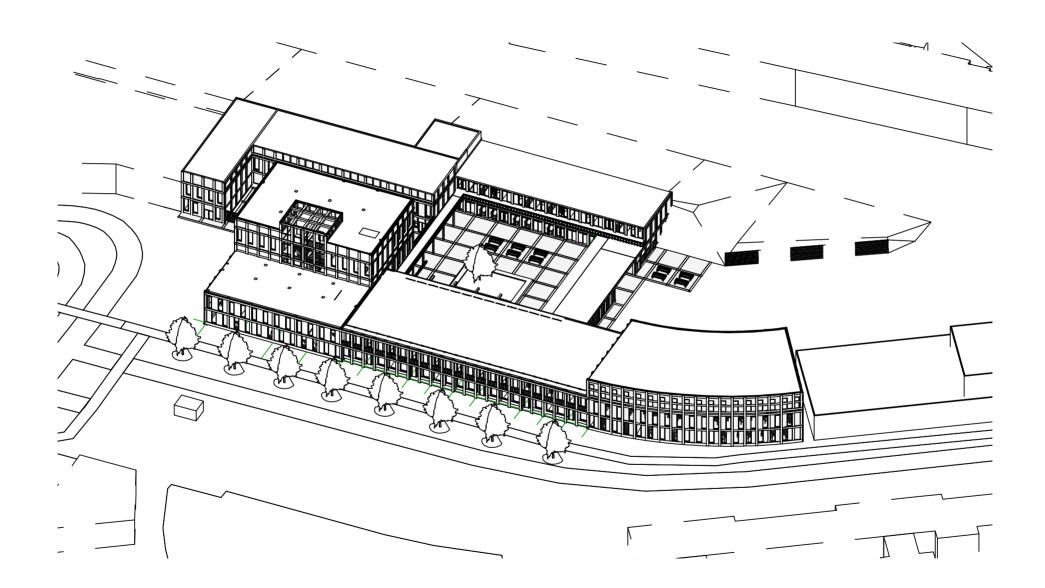




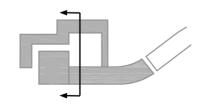






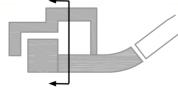






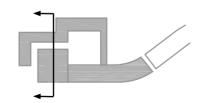
Second FloorGold and silversmithing school



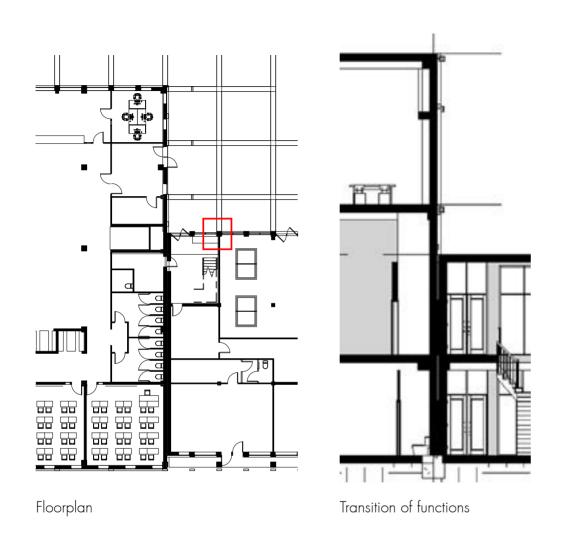


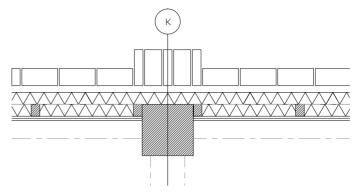
Section and facadeStudent housing and school building 71



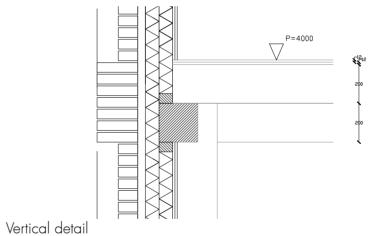


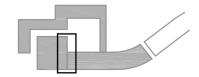
Section and facadeSchool building and office area

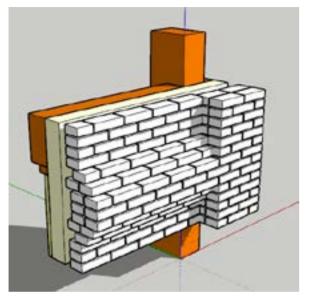


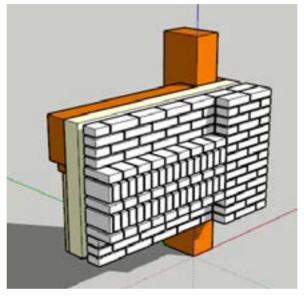


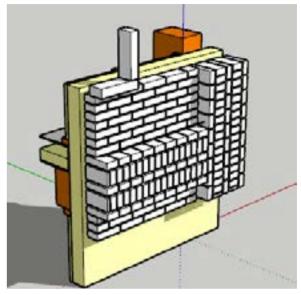
Horizontal detail





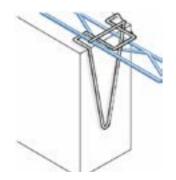






Shops detail

School detail Restaurant detail



Murfer reinforcement



East facade



North facade

Facades - south and west

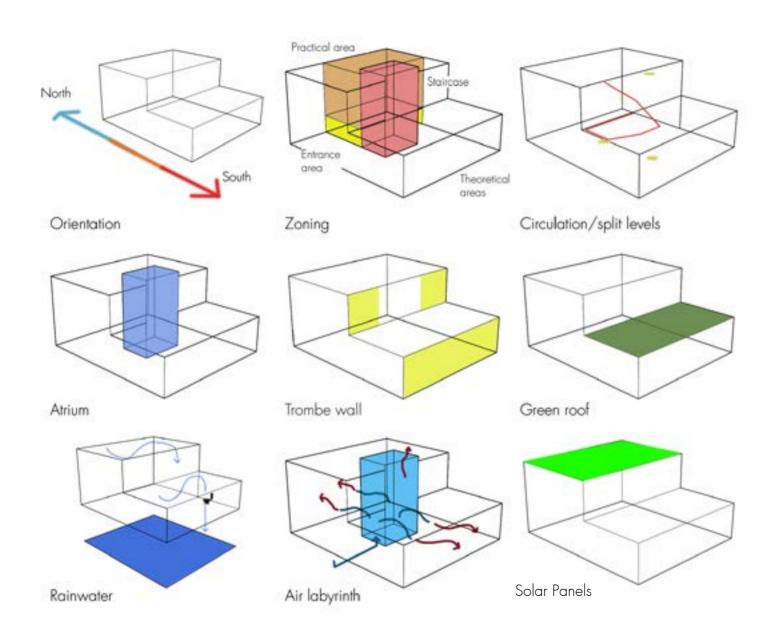


South facade

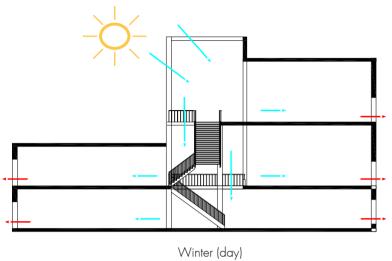


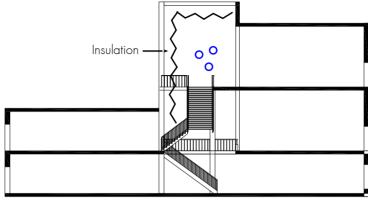
West facade



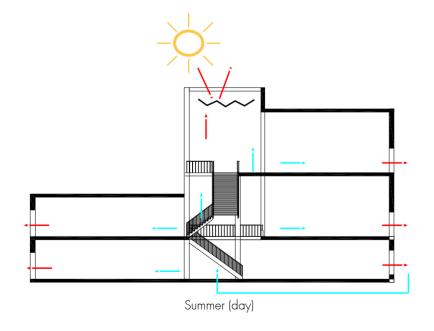


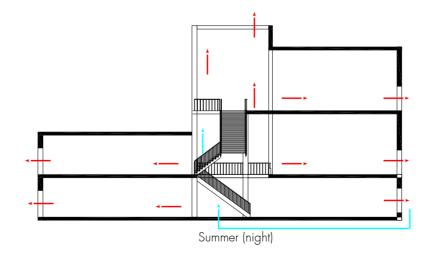






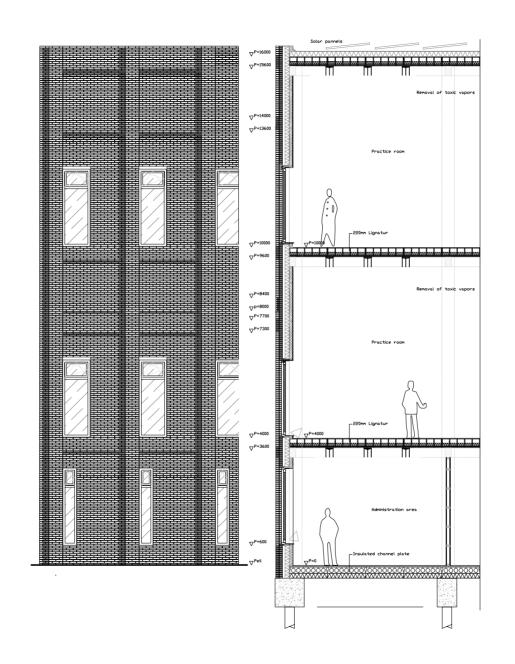
Winter (night)





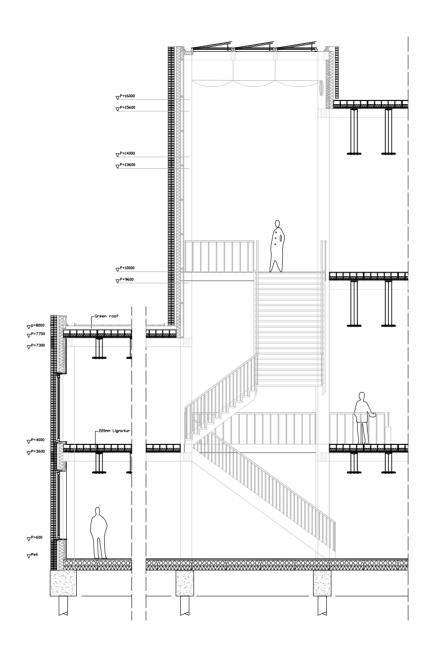


Main elements of building technology
Atrium



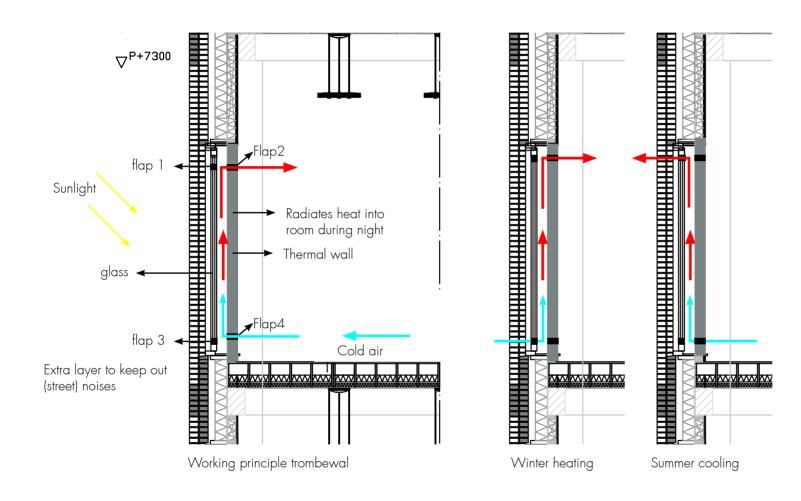


Section of building AA



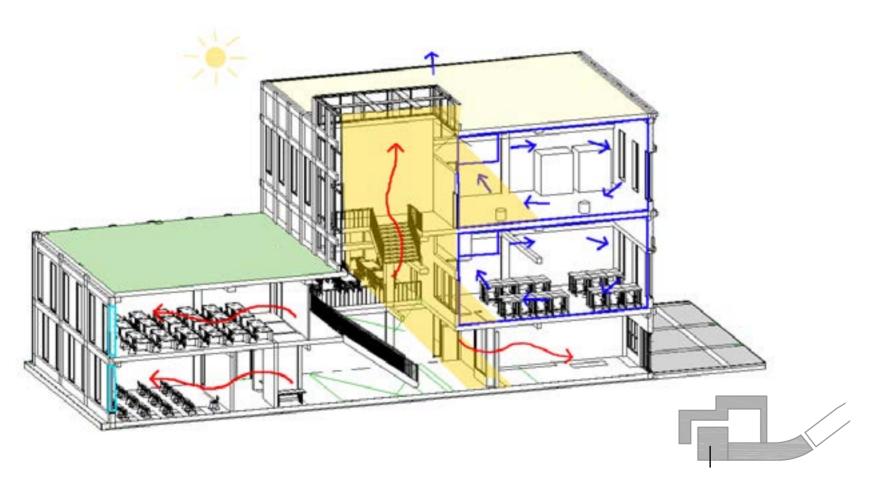


Section of building BB





Trombe wall working mechanism



Section of building 3DWorking mechanism climate

Jewelries in the box

- Delfshaven Rotterdam; excellent location
- Additional functions are essential

- Additional functions are essential
 Safe surrounding for students
 School will have a public and economic function
 Brickwork fits very well in the surrounding
 Need for craftsman school in south-west Holland
 Building integration with the park, and invites the public
 Architectural designs in line with the current (monumental) buildings

