WESTERGAS

BINNENGASTHUIS

AMSTELDIJK

OVERHOEKS

STADIONPLEIN

LARGE READING SPACE

GROUP STUDY SPACE / SMALL READING SPACE

MAUPJEUR

VESTBIES

OVERWORKS

SENDEHUIZEN
connection: joist - loadbearing facade

duct for fresh air supply

accousting board in between two joists

impact sound insulation

screed with floor heating/cooling

oak wood parquet

concrete floor plates

door for fresh air supply

insulation (with vapour barrier)

outer layer of sandwich panel

load bearing inner layer of sandwich panel

sunscreen
Windows are placed from the inside.

Precast concrete ornaments lock the windows from the outside.

Precast concrete ornaments block the windows from the inside.
large reading space
multifunctional seminar space
individual desks
hall
silent room
small reading room
group study space
library
locker room
**WESTERGAS details**

1/20

- Suscreen integrated in sandwich panel
- Aluminium guiding rail for sunscreen in wooden frame
- Triple glazed window in prefabricated wooden frame

**Drainage gutter**
- Concrete outer layer
- Thermal insulation
- Vapour barrier
- Concrete inner layer

**Swinging arm for sunscreen integrated in window frame**
- Prefabricated wooden window frame

**Oak parquet (glued) 10 mm**
- Screed with floor heating/cooling 80 mm
- Separating layer 1 mm
- Impact sound insulation 50 mm
- Concrete plates 50 mm
- Void (installation ducts/electric circuit) 300 mm
- Acoustic wooden panel 50 mm
- Concrete joist 700 (+350) mm

**Rooftop planting (grasses, moss)**
- Substrate for extensive planting 150 mm
- Bitumen roofing felt, 2 layers (root-resistant) 7 mm
- Thermal insulation 150 mm
- Separating layer (vapour barrier) 1 mm
- Impact sound insulation 50 mm
- Concrete plates 50 mm
- Void (installation ducts/electric circuit) 300 mm
- Acoustic wooden panel 50 mm
- Concrete joist 700 (+350) mm

**Sandwich panel:**
- Concrete pilaster 125 mm
- Concrete outer panel 125 mm
- Thermal insulation 200 mm
- Vapour barrier 2 mm
- Loadbearing layer (concrete) 200 mm
suscreen integrated in sandwich panel
aluminium guiding rail for sunscreen in wooden frame
tripple glazed window in prefabricated wooden frame

sandwich panel:
- concrete pilaster 125 mm
- concrete outer panel 125 mm
- thermal insulation 200 mm
- vapour barrier 2 mm
- loadbearing layer (concrete) 200 mm
Ground Floor
- Locker room/hall/cafe

First Floor (a)
- Library space
- Group study space
- Large reading space
- Small reading space - multifunctional seminar space

Second Floor (a)
- Group study space
- Small reading space
- Silent space
- Large reading space

Second Floor (b)
- Library space
- Group study space
- Small reading space
- Silent space

Third Floor (a)
- Individual desks
- Buffers space
- Section
- Multifunctional seminar space
- Library space
- Group study space

Third Floor (b)
- Individual desks
- Multifunctional seminar (sliding wall)

Fourth Floor (a)
- Silent space
- Individual desks

Fourth Floor (b)
- Individual desks

Basement
- Toilets
- Technical space
- Storage for cafe/bar
- Storage floor caretaking equipment

Section
- Toilets
- Technical space
- Storage for cafe/bar
- Storage floor caretaking equipment

Overhoeks
- Entrance + hall - lockers
- Café/bar - entrance + hall - lockers - small lecture space
- Multifunctional seminar rooms - library space
- Group study space/small reading space
- Multifunctional seminar rooms - library space
- Group study space
- Large reading space
- Small reading space

Westergas
- Entrance + hall - lockers
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Binnengasthuis
- Entrance + hall - lockers
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- Group study space/small reading space
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- Group study space
- Large reading space
- Small reading space

Amsteldijk
- Entrance + hall - lockers
- Café/bar - entrance + hall - lockers - small lecture space
- Multifunctional seminar rooms - library space
- Group study space/small reading space
- Multifunctional seminar rooms - library space
- Group study space
- Large reading space
- Small reading space

Note: The diagram includes various sections and spaces that may not be fully labeled or explained in the text. The layout and details are meant to represent the interior design for educational purposes.
basement
prefab constructive inner walls and beams are placed
prefab facade ornaments are placed
second floor constructed
third floor constructed
fourth floor constructed
concrete floorplates are placed
a crane in the middle of the core hoists the elements in their position
prefab core is erected, elevator core is poured
beams are placed on the load bearing facade and inner structure
prefab concrete facade elements are placed and temporarily stud by anchors
windows are placed from the inside

WESTERGAS
assembly sequence

second floor constructed
diel floor constructed
fourth floor constructed