Entering the station
starting points:
- location
- design question

structure:
- master plan
- construction

architecture:
- facade
- materialisation

reflections:
- design choices
- design result
location

- Amsterdam Zuid
- heart of Zuidas
- unique meaning
- highly connected
- prestigious CBD
location
- Amsterdam’s second biggest station?
- contrasting typology
- isolated area
- fragmented buildings
- dike is perceived as barrier
design questions
design questions

- How to transform the barrier into a connector?
design questions

- How to transform the barrier into a connector?

- How to convert the mono-functional station into a collective building?
design questions

- How to transform the barrier into a connector?

- How to convert the mono-functional station into a collective building?

- How to mediate between the different typologies?
design questions

- How to transform the barrier into a connector?

- How to convert the mono-functional station into a collective building?

- How to mediate between the different typologies?
design steps
design steps

- existing situation
design steps

- existing situation
- future plans
design steps

- existing situation
- future plans
- transformation dike
design steps

- existing situation
- future plans
- transformation dike
- bridging infrastructure
design steps
- existing situation
design steps

- existing situation
- desired connections
**design steps**

- existing situation
- desired connections
- inserted city blocks
master plan
- 5 city blocks
- fixed building plots
- unified design ideas
- west entrance
master plan

- 5 city blocks
- fixed building plots
- unified design ides
- west entrance
bridge construction
- example Berlin
- no interruption of the railway traffic
- construction build up then fold down
bridge construction

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bridge construction
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- construction build up then fold down
bridge construction

- example Berlin
- no interruption of the railway traffic
- construction build up then fold down
bridge construction
- example Berlin
- no interruption of the railway traffic
- construction build up then fold down
dike construction

parking level -8.0 m

load bearing structure: reinforced concrete

major grid: 15,5 m x 7,5 m

load bearing elements
train column: 1200 mm
wall: 600 mm
dike construction

parking level -5.0 m

load bearing structure:
reinforced concrete

major grid:
15.5 m x 7.5 m

load bearing elements
train column: 1200 mm
wall: 600 mm
dike construction

passage level -2.0 m

load bearing structure:
reinforced concrete

major grid:
15.5 m x 7.5 m

load bearing elements
train column: 1200 mm
wall: 600 mm
dike construction

shopping level +2.5 m

load bearing structure: reinforced concrete

major grid:
15,5 m x 7,5 m

load bearing elements
train column: 1200 mm
wall: 600 mm
dike construction

train level +8.0 m

load bearing structure:
reinforced concrete

major grid:
15.5 m x 7.5 m

load bearing elements
train column: 1200 mm
wall: 600 mm
bridge construction

wing buildings +18.0 m

load bearing structure:
steel skeleton structure

major grid:
8,0 x 8,0 m

load bearing elements:
main column: HEB 550
column: HEB 400
bridge construction

platform +20.0 m

load bearing structure:
steel skeleton structure

major grid:
8,0 x 8,0 m

load bearing elements:
main column: HEB 550
column: HEB 400
bridge construction

truss system +25.0 m

load bearing structure:
steel skeleton structure

major grid:
8,0 x 8,0 m

load bearing elements:
main column: HEB 550
column: HEB 400
bridge construction

courtyard +20.0 m

load bearing structure:
steel skeleton structure

major grid:
8,0 x 8,0 m

load bearing elements:
main column: HEB 550
column: HEB 400
bridge construction

housing

load bearing structure: steel skeleton structure

major grid: 8,0 x 8,0 m

load bearing elements:
main column: HEB 550
column: HEB 400