centre for performing arts
NDSM wharf
Amsterdam
You can see the city centre, from the NDSM wharf
Amsterdam divided by the IJ, expanded more to the south
Yesterday:
NDSM wharf
Amsterdam North, the 'down side' of life
Noord Zee Kanaal 1876
The NDSM Wharf in it’s glory days
Today: Industrial leftovers
Passage closes of the NDSM wharf and completes the ‘border’ and makes it an island
The NDSM wharf as it is today
Even though the heavy industry is long gone, the wharf still breathes roughness...
It’s a place with character and strength
The scale of the remaining halls is immense (look at the car)
Industrial beauty
Tomorrow:
New input
NDSM is actually very good space for events
Amsterdam goes PRO IJ
Amsterdam goes PRO NORTH
NDSM designated as a future creative hub for Amsterdam
Halls to be demolished - instead: a centre for performing arts
Performing arts

+/- 20,000 m²
Institute
9000 m²

Public
4500 m²

Service
5000 m² netto
DIFFERENT DISCIPLINES
NEED
INTEGRAL PERFORMANCE

Decor
Lights
Dance
Media
Opera
Music
Theatre
Cabaret
LEARN TO WORK TOGETHER
USE EACHOTHER: CONNECT DISCIPLINES

How to facilitate this?

What is necessary for a connection to ‘naturally’ occur?
Analisys
Bauhaus - Dessau - Walter Gropius - 1925

Informal meetingspaces in hor and ver routing
Exhibitions spaces in the middle of the building
Vertically stacking isolates program

No common space to work together
no visual connection

Connection only in a social way. You don’t see the other person WHILE he/she is at work
When ateliers are facing each other, a natural curiosity is activated. Horizontal juxtaposing connects program better.

Big common space, always a visual connection and place to work together. Challenge the other disciplines.
traditional theatre elements
The transition from **offstage** to **onstage** marks an important moment for an actor. It’s part of the magic of the show... In the architectural typology of the theatre, the backstage and the wings embody this important transitory moment.
Offstage / onstage - Training / performing - Not perfect / perfect
How is it made is more interesting and fits better with learning program and site
A proscenium theatre layout facilitates the hiding of objects from the audience’s view. Anything that is not meant to be seen is simply placed outside the “window” created by the proscenium arch.
RE ARRANGE THE ELEMENTS
change position of proscenium - place visitor in the other world
bring backstage and spectator closer together, entire building now in backstage atmosphere - proscenium becomes a window to the world / institute depending on which side you are on.
typical setup:
wings relate to space
Program asks for a lot of small spaces with supporting program

WINGS SUPPORT CONSTRUCTION AS WELL AS PROGRAM

Common space

Supporting program inside the wings:

- dressingrooms
- showers
- toilets
- storage
- Installations

Regular program between the wings
SEVERAL WINGS WITH SEVERAL DISCIPLINES, GIVE SEVERAL INPUTS TO COMMON SPACE
Common space - common space
program space - two common spaces
Due to rotated orientation, connections are made, resulting in a more intertwined program.
Route
Our experience of an architectural space is strongly influenced by **how** we arrive in it

A tall, bright space will be taller and brighter if counterparted by a low-ceilinged, softly lit space

Monumental or sacred space will feel more significant when placed at the end of a sequence of lesser spaces
LOW entrance, makes you feel small and respect the building...
Immediately after: a high space, the contrast makes it even bigger
Public route starts at wharf clearing
Approaching the building, the scale is immense
Closed facade, except for small opening.
Introverted square - delayed entrance - a place where people meet before going inside many connections to other functions
Square also outside performing space, so the performance experience already starts here
Exhibition spaces
View of old brick wall and windows of kinetisch noord

Folly museumshop

connection to depot with cargo elevator

Programmatic connections to

Institute / ateliers
outside performing space
theatre platform
Spaces can be closed when building up an exhibition - nice view old windows
Large stairs lead to theatre platform
Experimental Theatre platform
Theatre is not a black box, open platform with numerous possibilities culminating point for the museum, worthy end to museum route.
Free asymmetric platform theatre as worthy end of exhibition route

stairs to the right connecting exhibition

Foyer. Several moving bars. (stored in wings) (spread public peak, during halftime)

Different seating arrangements possible

Very high space

Exception in volumesystem (void)

View on factoryhall

view into museum

Special installations in the chairs because of changing seatings

So many different kind of performances

So many different kind of theatres
Default seating arrangement
Workshop hall
Common space for students
visual contact
naturally activated curiosity towards other discipline

Programmatic connections to
museum
outside performing space
theatre platform
Free open generic space, which can be ‘claimed’ by a discipline to challenge another. The factory appearance is a wink to the history. It is still a place of creation.
The students enter the building directly on the square of the workshop hall.
The workshop hall looks back at the wharf and the IJ
New infill

By keeping the large volume as it is now, it works as a strong orientation point as well as an edge for the area and the residential area. Which acts as a sort of barrier for sound when events are held.
When the large doors open, the workshophall becomes a stage, for dj’s parties and events. The centre for performing arts can be a host for the area.
Media landscape
Media landscape

View of Amsterdam and the IJ
Landscape of books and workspaces surrounded by workshopspaces and lecturerooms
no silent library, lots of activity

Programmatic connections to

Institute via lecturehalls and seminarrooms
outside performing space
view on theatre platform
The media landscape is semipublic, and opens up to the outside performance square and the main entrance.
The media landscape as seen from a walkway on the office floor
Back at the square - Large balcony for employees and students
The stairway in the workshop hall indicates the restaurant and makes that place more specific.
In detail

Old brick wall
Distance - Disolves - fireescape
Access for cleaning windows and installationshaft
Embedded light to highlight monumental brickwork
Steel grating
Steel angle 40 x 40 mm

Schüco window profile
Schüco Firestop II
F30 PG Fire-resistant wall units

Screed floor: 8 mm (lightgray)
Cement screed 60 mm
with floor heating
Dycore precast element 400
40 x 100 mm battens
100 mm thermal insulation
20 mm plywood painted
In detail

Walkways
Walkway for offices to get across

Observation

Easy to hang lights and installations needed for performances

climate

Ceiling with gratings

Skylight

Light for hall and emphasis on industrial looking walkway
Glazed sliding doors to reach railing for lights installations etc

Ceiling grating can be lowered to clean glass on top

Integrated lights under the edges of the truss
In detail

Stage door
Front doors guided by steel rail embedded in podium floor
Steel RHS 400 x 200 mm
Steel RHS 120 x 60 mm
Glazing 12 (8) 12 mm
In detail

Atelier
Mini stage

revolving wooden doors with pattern for acoustic

they are like wings themselves

dressingroom (Industrial sliding door) (galvanised steel)

view at old bricks

continuous concrete floor

ceiling made of tribar grating

ventilation ducts boldly through atelier (with integrated lightsystem)
Sliding door
Plastic wheels
Steel RHS frame
Steel L section
plywood 18 m
Galvanised steel

Dance atelier
Scale 1/20
ONE ULTRA BIG INDUSTRIAL HALL
To fit with the surroundings and experience the immense scale of the site even more.

THEATRE VISIBLE FROM SQUARE
It shows that this is a theatre building and makes a connection to the site.

PRESENTATION OF THE BUILDING
expressing the character of the institute on the one hand (you see where the disciplines come together)

Connecting to the rough industrial character on the other, and emphasizing it. With it’s strong presence it is a tough building, fit for this rough shipyard
the end
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