Urban Lounge
Hybrid Building at NDSM Wharf Amsterdam
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AMSTERDAM

The capital city of the Netherlands

Source: http://www.simaverhuur.com/FotoTemplate/NederlandGrootsteSteden.gif
Location

AMSTERDAM
A Trading City

Various economy sectors
One of the important business/trading cities of Europe
AMSTERDAM
A Trading City
Location

NORTH AMSTERDAM

Source: Google Earth
Location
NDSM Wharf

Source: http://maps.google.nl/
Before the World War, the plan location was used for ship industry (to make and repair ships).

After the World War, the ship industry didn’t go well. It fell into bankruptcy in 1984 and left the location empty.

A group of artists and craftsmen took over the empty buildings and used it for their workplace and living.
History

Present Use at NDSM Wharf
- Art City
- Supporting Companies
- Media Wharf
- Events and Exhibition


Source: http://www.mediawharf.nl/home.html
Function and Architecture
At NDSM Wharf and surrounding

MAIN FUNCTION
Living
Working

ARCHITECTURE
Various types
Various building materials
Typology
Morphology

AMSTERDAM NORTH
Various building types and forms
Various building plot sizes

NDSM WHARF and SURROUNDING
Large volumes and few smaller ones
Dominated by low rises
Interesting view from NDSM Wharf to the harbor at the western sight

View to NDSM Wharf from Het IJ (coming from central station)
Accessibility Connectivity

Easily reached by car, good connection with the highway

Connected to the central station by using bus and ferry
Accessibility Connectivity

Important entrance to Amsterdam North
Problems on Location

No space for pedestrian and bicycle

Increasing need of parking space
Vision/View/Idea:

Continuity:
keep the existing characteristic of the area and strengthen it.

Livability:
create a suitable place for living in.

Economy Development:
open opportunities for jobs.
What is Hybrid Building?

Hybrid:
- mixture of two or more different things.

Hybrid Building:
- mixture of two or more different programmatic components of a building.

Why Hybrid Building in NDSM Wharf?

To accommodate and represent the characteristic of the location which contains various components.
Urban Plan

Keeping the elements which related to ship industry heritage

Open up the important entrances to increase the accessibility

The new elements will strengthen the existing structure

New harbor for ships
Urban Plan

A high rise for the view to the location as a sign
Urban Plan
Programme Scheme

Living and working opportunities in the area for the livable environment and economy development.

Potential to support tourism of Amsterdam.
Urban Plan

Existing functions and new supporting functions

Hybrid Building

Urban Lounge

For commerce and recreation, for working and living

Nearby hotel/hostel and ferry harbor

At the entrance of NDSM Wharf area
Building Shape

Continuity: Characterized by urban plan.

Livability: Horizontal and vertical experience, as how men live horizontally and vertically.
Building Shape

View to the harbor and Het IJ from the roof terraces
Building Programme

Center: main entrance, vertical and horizontal connectivity, visual relationship

Livability: where people can meet and recreation

Continuity: supporting the existing activities

Economy: working opportunities
Building Exterior

Depicting the continuity of horizontality and verticality
Building Section

High ceiling and in between floor

Construction: reinforced concrete and steel
Building Structure and Construction

Organized from a grid and the basic shape of the building.
Building Structure and Construction

In situ construction

Reinforced concrete column and balk

Floor construction: hollow core and in situ

Shaft for installation
Building Interior

Restaurant
High ceiling and in between floor
Building Interior

Office Room
High ceiling and in between floor
Building Facade

Horizontal belt

Vertical lines
Building Facade

Construction

Material
Building Facade

Construction

Material
Urban Lounge
Urban Lounge

Hybrid Building for continuity, livability and economy development of NDSM Wharf and Amsterdam