United Nations Environmental Council - UN-ECO

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Introduction

01 Location

02 Masterplan

Key values masterplan
Solve the security risk from FDR drive
Create an uninterrupted Manhattan Greenway
Include UN PLaza building
Respect the nature of the existing architectural organism and the vision of the Board of Design
Find balance in the composition between existing and new
Revitalise the waterfront along the UN Territories
Connect to new developments

03 building design

Key values building design
Create a functional whole with the existing building elements
Merge the different user flows with the existing building
Merge sustainability aspects with the architectural experience

04 Building technology

Structure
Climate controle
Atrium Lobby
Office atrium
Office space
Details office facade
Assembly of the photo-bio facade
“sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

People, planet, profit
People, planet, profit
authority
United Nations Environmental Council
01 Location
United States of America
New York
Manhattan
United States of America
New York
Manhattan

Hudson

East river

Midtown-East
United Nations Territories
United Nations Territories
General Assembly
United Nations Territories
Secretariat Slab
United Nations
Organisation Structure

General Assembly

International court of justice
Economic and Social Council
Trusteeship Council
Security Council

Secretariat

The Haque - NL
United Nations Territories - Manhattan - New York - USA
United Nations Organisation Structure

General Assembly

International court of justice  Economic and Social Council  Trusteeship Council  Security Council  Environmental Council

Secretariat

The Haque - NL  United Nations Territories - Manhattan - New York - USA
Key values masterplan

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Connect to new developments
Solve the security risk from FDR drive
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The FDR and its exit and access lanes are removed.
Solve the security risk from FDR drive

The FDR is placed back with a safe distance from UNHQ.

A new traffic node is connecting the FDR to 42th street which is a main artery towards downtown and the first avenue tunnel is extended.
Create an uninterrupted Manhattan Greenway
Create an uninterrupted Manhattan Greenway
Create an uninterrupted Manhattan Greenway

The FDR is covered to make it possible to continue the Manhattan Greenway uninterrupted
The FDR deck is cut off and extended to include the UN Plaza. UN Plaza was part of the original design.
Revitalise the waterfront along the UN Territories

The space from the former FDR could be used to house functions that can enhance the Manhattan Greenway
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**REPORT TO THE GENERAL ASSEMBLY OF THE UNITED NATIONS BY THE SECRETARY-GENERAL ON The Permanent Headquarters of the United Nations**
Respect the nature of the existing architectural organism and the vision of the Board of Design
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- Not connected to the existing councils
- Unfavorable with regard to the Manhattan Greenway
- Build

35
Find balance in the composition between existing and new
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Find balance in the composition between existing and new

Explaining the balance

Current situation
Find balance in the composition between existing and new

Explaining the balance

Extending the program reaches till this point
Find balance in the composition between existing and new

Explaining the balance

Creating a balanced composition
Find balance in the composition between existing and new

Explaining the balance

Heavy
Find balance in the composition between existing and new

Explaining the balance

By lifting the block
the block seems heavier and
the expression becomes stronger
Find balance in the composition between existing and new

Explaining the balance

Re shifting the program requires openings forming 3 lower blocks with a big slab
Find balance in the composition between existing and new

Explaining the balance

The middle block functions as a balance point between new and old
Find balance in the composition between existing and new

Explaining the balance

Extending the plateau forms a balance and a hierarchy between the two entrances
Find balance in the composition between existing and new

Explaining the balance
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Revitalise the waterfront along the UN Territories

commercial use Offices and Retail
Connect to new developments

Green public parks and nature preserves

Distance to central park 2.12 km
Distance to Bryant park 1.7 km
Retail space will occupy the former FDR
the plot must form a link between
Hammarskjold plaza and the Manhattan
Greenway
Connect to new developments
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New urban plan
Connect to new developments

New urban plan
Revitalise the waterfront along the UN Territories
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03 Building design
Key values building design

Create a functional whole with the existing building elements

Merge the different user flows with the existing building

Merge sustainability aspects with the architectural experience
Create a functional whole with the existing building elements

plattegrond stedenbouw met doorsnede lijn
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program distribution

1st floor

2nd floor

- circulation and lobbies
- office/flexspace
- press studio
- support functions space
- library
- expo/shop
- meeting/lecture rooms
- restaurant/bars
- expedition
- installations
- storage
- retail
Merge the different user flows with the existing building program distribution

4th floor

3th floor
Merge the different user flows with the existing building program distribution

6th floor

5th floor
Merge sustainability aspects with the architectural experience

Building eco-schematic
Merge sustainability aspects with the architectural experience

Living machines
Merge sustainability aspects with the architectural experience

Living machines
Merge sustainability aspects with the architectural experience

Photo bio-reactor facades
Merge sustainability aspects with the architectural experience
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Merge sustainability aspects with the architectural experience
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Structure

Holcon principle
Structure

Deviations
Merge sustainability aspects with the architectural experience

Climate control
Merge sustainability aspects with the architectural experience

Atrium lobby
Merge sustainability aspects with the architectural experience

Office atrium
Merge sustainability aspects with the architectural experience

Office space
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