United nations Headquarters
International Territories
Midtown East
Manhattan
New York
The United States of America
“The League is dead, long live the United Nations!”

Lord Robert Cecil, Founder of the League of Nations
April 8th 1946
Wallace K Harrison
New York’s Architect

Le Corbusier
Father of Modernism

Oscar Niemeyer
Last True Modernist
Alive

Wallace K Harrison
New York’s Architect
Schetsontwerp
47 th street will become the access and an important street of New York. It Needs an “Arc de Triomph”- or just nothing at all, a great space left open for something very beautiful: La marque d’UN

Wallace K. Harrison
30,000 m² Environmental Organization
160,000 m² Mixed Use

3 vormen

3 gebruikersgroepen
- Delegates
- Business
- Public

BASIC REQUIREMENTS FOR U.N. HEADQUARTERS
The Council

The Slab

The Landscape

- Mixed Use:

Security Check

Congress Lane

Delegate Lounge
“The good building is not one that hurts the landscape, but one which makes the landscape more beautiful than it was before the building was built.”

Frank Lloyd Wright
The Council

The Slab - Environmental Offices Connected to the Council

The Landscape
The Council - Council Chamber / Public Exposition / Library

The Slab

The Landscape
Ruimtelijke Opzet
Public - Central Hall - Entering the Central hall from landscape towards Council

Fast Entrance  47th Street Entrance

Entrance Floor

Public  Business  Delegates
Public - Council Tour: Public Council Balcony - Library space - Exposition spaces
Public - End of Tour - Towards Public Landscape or Esplanade Terrace

Landscape Plateau

Public
Business
Delegates
Business - Appointed By Car - Towards Congress Lane on Entrance Floor
Klimaat systeem

Thermische Trek en verwarming Ventilatielucht door zoninstraling

Zuiderwind vanuit East River Watervlakte

Koeling Door Phase Change Materials vanuit East River Watervlakte

Nachtelijke Ventilatie Heractiveert Phase Change Materials

Warmte Opslag voor Winter In rotsbodem

Zomer situatie
Klimaat systeem

Thermische Trek en verwarming Ventilatielucht door zoninstraling

Verwarming ventilatielucht door Phase Change Materials

Zuiderwind
voorverwarming vanuit East River

Opgeslagen warmte via kolommen uit rotsbodem naar Phase Change Materials

Winter situatie
The Office Climate Facade

Koele Zuiderwind vanuit East River
Phase Change Materials - PCM

- High Thermal mass at 20-22°C
- Stores Energy in Phase Change (e.g. water and Ice)

The Thermal Storage capacity of PCM between 18 and 22 degrees is 40 x larger than concrete.
Delegate Restaurant

Food Service Core

Backstage Entrance

Delegate Elevators

Public Elevators

Delegate/Public Elevators

The Council

Public

Delegates

Office Floor 1 - Council
The Council - Public Balcony and Translator Booths

Service Core

Public Balcony

Public Traffic Core

Translators

Translators

Office 2nd /3rd Floor - Council