An Art Museum Hub for Den Haag

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P5 Presentation - June 2013
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# Table of Content

## Urban Analysis
- Cultural Centers at Lange Voorhout ................................................. 1
- Transportation Among the Cultural Centers .................................... 4
- Cultural Centers’ Statistics ............................................................. 6

## Design Concept
- The Site Surroundings ...................................................................... 7
- Relation with the Neighbour Buildings ............................................ 10
- Transparent Facade .......................................................................... 16

## Design Process
- Alternatives Evaluation of the Courtyard ....................................... 21
- Alternative Arrangements for Circulation ........................................ 25

## Space Quality
- Circulation ......................................................................................... 29
- Space Arrangement ........................................................................... 32

## Drawings ........................................................................................... 35
Cultural Centers at Den Haag

American Embassy
Cultural Centers at Den Haag

Beelden aan Zee Museum
Gemeente Museum
Louwman Museum
American Embassy
Escher Museum
Bredius Museum
Mauritshuis Museum
Dr Anton Philipszaal
Transportation Among the Cultural Centers
Cultural Centers at Lange Voorhout
Cultural Centers at Lange Voorhout

- Association Hague Art Circle
- Meermanno Westreenianum Museum
- Escher Museum
- Cultural Masonic Centre Prince Frederik
- Pulchri Studio
- The American Embassy
- Royal Theatre
- Bredius Museum
- Hague Historical Museum
- Mauritshuis Museum
- The Prison Museum

Art Centers
Informative Centers

Urban Analysis Design Concept Design Process Space Quality Drawings
Cultural Centers at Lange Voorhout

- Association Hague Art Circle
- Escher Museum
- Pulchri Studio
- Theatre Diligentia
- Bredius Museum
- The Prison Museum
- Meermanno Westreenianum Museum
- Cultural Masonic Centre Prince Frederik
- The American Embassy
- Royal Theatre
- Hague Historical Museum
- Mauritshuis Museum

Urban Analysis
Design Concept
Design Process
Space Quality
Drawings
Cultural Centers’ Statistics

Number of Cultural Centers at the Site

- Informative Centers: 27%
- Other: 73%
- Art Museums: 37%
- Art Centers: 18%
- Theaters: 18%

According to the large number of the Art Museums at the site, it seems more reasonable and feasible to investigate on an Art Museum Hub rather than another museum.

This Museum acts as a distribution center for tourists and other people to get an idea about each museum at the site.
Routing at Site Surroundings
Routing at Site Surroundings

- **Water**
- **Green Areas**
- **The Site**

- **Urban Analysis**
- **Design Concept**
- **Design Process**
- **Space Quality**
- **Drawings**
Routing at Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings

American Embassy
Routing at Site Surroundings
The Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings
Routing at Site Surroundings

- Ministry of Finance
- Royal Theatre
- Lange Voorhout
Routing at Site Surroundings

- Ministry of Finance
- Royal Theatre
- Lange Voorhout

Urban Analysis  Design Concept  Design Process  Space Quality  Drawings
Routing and Transparent Facade
### Routing and Transparent Facade - Pedestrian Analysis

**Average No. of Bicycles & People / Node in a Day**

<table>
<thead>
<tr>
<th>Node</th>
<th>People</th>
<th>Bicycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>64.29</td>
<td>19.29</td>
</tr>
<tr>
<td>2</td>
<td>8.71</td>
<td>8.29</td>
</tr>
<tr>
<td>3</td>
<td>3.14</td>
<td>4.00</td>
</tr>
<tr>
<td>4</td>
<td>29.00</td>
<td>16.57</td>
</tr>
<tr>
<td>5</td>
<td>21.00</td>
<td>29.57</td>
</tr>
<tr>
<td>6</td>
<td>16.57</td>
<td>16.29</td>
</tr>
<tr>
<td>7</td>
<td>21.14</td>
<td>32.57</td>
</tr>
</tbody>
</table>

![Map showing pedestrian analysis](image-url)
Routing and Transparent Facade - Perception Analysis

Evaluation with Respect to Other Buildings - Position 1
Rooting and Transparent Facade
Routing and Transparent Facade

Royal Theatre
Routing and Transparent Facade
Rooting and Transparent Facade
Routing and Transparent Facade

The Transparent Part

Interior Routing

Exterior Routing
Rooting and Transparent Facade

Observer A

Exterior Routing

Art Works Inside

Observer B

Metal Fins
Routing and Transparent Facade
Rooting and Transparent Facade
Evaluation of the Courtyard (Public Entrance) - Alternatives

Here I have tried to evaluate different design alternatives to compare different aspects of each design solution. For this purpose, I got benefited of the Fuzzy Neural Tree.

I considered three different organizations of spaces as alternative solutions for the design. Then I listed a set of criteria which should be satisfied to have a satisfactory design solution.
Then a value was given in the domain of 0-1 as weight to every criteria and the main categories to represent the importance of each part in the whole design.
Evaluation of the Courtyard (Public Entrance) - Alternatives

- Visual Attraction of the Courtyard
- Dialogue of Mass & Void in the Building
- Low Massivity
- Space Specified for the Courtyard
- Potential for Spaces Richness
- Efficiency of Space for the Required Area
- Efficiency of Access Organization
- Relation with Green Area
- Low Building Height

Concept Performance

Perception Quality

Spatial Quality

Contextual Quality

Solution 1

Solution 2

Solution 3
Evaluation of the Courtyard (Public Entrance) - Alternatives

Solution 1
0.70

Solution 2
0.76

Solution 3
0.85

Urban Analysis  Design Concept  Design Process  Space Quality  Drawings
Arrangements of Internal Routing - Alternatives

Solution 1

Solution 2
Here you can see the weights given to each criteria and each category.

**Weight of Each Category**

- Perception
- Structure
- Function

**Weight of Each Criteria**

- Attracting People
- Reflecting Inside Activity to Outside
- Use of Existing Structure Below
- Less Interfering with Spaces Below
- Space left for other Functions
- Independency of Auditorium
Arrangements of Internal Routing - Alternatives

- Attracting People
- Reflecting Inside Activity to Outside
- Use of Existing Structure Below
- Less Interfering with the Spaces Below
- Space Left for Other Functions
- Independence of the Auditorium

Concept Performance
- Perception Quality
- Spatial Quality
- Contextual Quality

solutions:
1. [Diagram 1]
2. [Diagram 2]
Arrangements of Internal Routing - Alternatives

0.50

0.68

Solution 1
0.50

Solution 2
0.68
Routing - Ground Floor

Interior Routing

Exterior Routing

Main Entrance

GALLERY

ADMINISTRATION

EXHIBITION PREPARATION

KITCHEN

CAFÉ

CLUB

Exhibitions

Drawing

Space Quality
Space Arrangement

Lange Voorhout

Exterior Routing

Space Quality
Space Arrangement
Routing - First Floor

+3 φ GALLERY

PERFORMANCE

+5 φ

0 φ

+4.5 φ

+6 φ

GALLERY

GALLERY
Space Arrangement - Roof Sculpture Exhibition
Facade Detail
In this project I tried to establish a **relationship between the art centers** existing at the area with the art museum at the site.

I tried to the deal with the museum as an **art museum hub** which attracts tourists and the people **by means of routing and the transparency** provided in the building.

By this **interaction** between the people and the museum and the relation of it with other art centers, the museum takes the main role for leading people to the art centers of Den Haag.
Thank You ...