

My approach

Lange Voorhout gives the feeling to the visitors that they are in an important place. Any addition to the site is not only a great opportunity, but also great risk to disturb the nature and the quality of the site. The most significant characteristic elements of sional and periodic events.

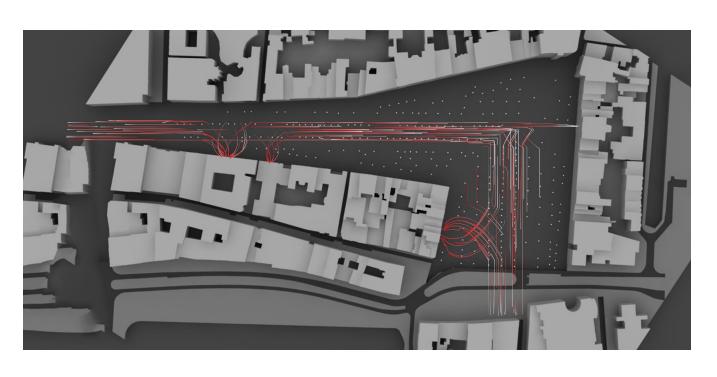
It is obvious that the old trees on the site have a great influence on visitors. These linden trees determine the main characteristics of the site and while designing new elements for this area my intension was not to interfere it. In the pursuit of achieving that, branches, trunks and the roots of the trees should have been considered.

Movement Analysis/Simulation and Project Development

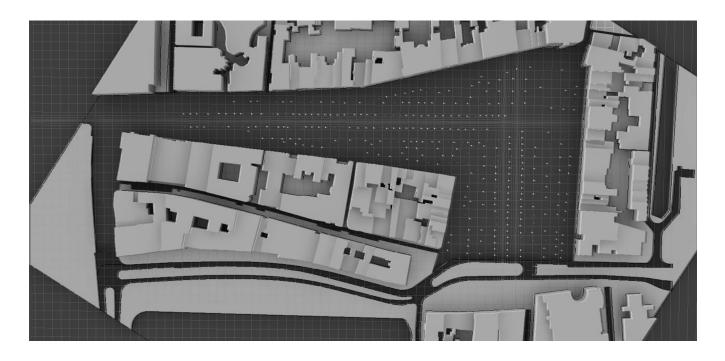
- In order to come up with an interactive design, movement of the visitors has been analyzed and reproduced by using the features of
- Swarm Behavior. This method is applied with those steps: Random number of people is populated on the main axis of the site.

6.

- As a regular movement vector, main axis directions have been used
- Attractor points has been defined (Buildings that taking attraction; theatre, studio, restaurant and museum) Obstacles are defined (this case these are trees on the site)
- Movement vectors are redefined according to attraction zones, and exact locations. By having number of iterations (this case it is 20), the movement of the people are observed and the system produce the
- movement paths 7. Movement paths have defined the locations of lighting, pavilion and shelter.



After this point there are various kinds of way to use that information. However when we consider the alterability of the site to change the event locations, number of events and their characteristics, regular 8x8 grid has been considered more appropriate to start with. Even so, when the beautiful one point perspective of the main axis is considered, instead of square cells, linear cells are designed to emphasize the linearity and the light quality of the view. While deciding on the sizes of cells, the book market has been considered as a reference (seller, costumer and counters).



8. The paths, which have been obtained from visitor movement diagram, have determined the division of grid by using quad tree method. Because when a cell becomes smaller it has a tendency to turn into part of shelter or pavilion. 9. In order to have flying slabs, horizontal wall-like components are used. Locations and sizes of the walls are decided considering the site qualities such that;

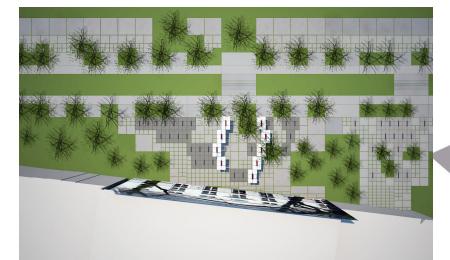


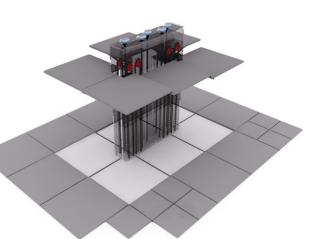
9. In order to have flying slabs, horizontal wall-like components are used. Locations and sizes of the walls are decided considering the site qualities such that; Walls should

• be located perpendicular to the main axis

• have a proper distance (5m) to the historical site buildings • have the optimum location to support as much slabs as they can

By using these constraints possible wall locations are determined and nests for the walls, and the slabs around them should be constructed on the site.





Site has various events during year such as, Queens Day, Golden Couch, exhibitions, book market and parties. Lange Voorhout has important buildings, which require extension to, like Diligentia (theatre), Pulchri Studio, Escher Museum (former palace).

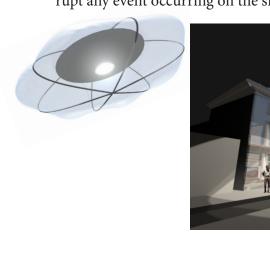
Hence, Lange Voorhout is a living environment itself, despite of weak solutions for temporary needs. The main problems of the the site are trees that create the natural beauty, important historical and cultural buildings, materialization of the area and occa- site can be listed as static lighting elements which cannot adapt themselves to changing situations of their environment, and shelters and pavilions (tents) that are constructed during festivals and exhibitions as they.

> Not to affect influence of the site, less complex forms have been used as lighting elements and simple horizontal and vertical elements are considered to create spaces for events. Thus, they have been designed as they can disappear as much as they can.

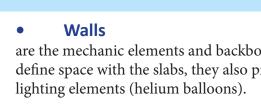
• Additional wall will be carried
• Wall will be attached to its nes
• Because it has its own mechan
• With a remote control, slabs w
belt system) of wall.
• Depending on the requiremen
tion or fully closed exhibition place.



rupt any event occurring on the site.

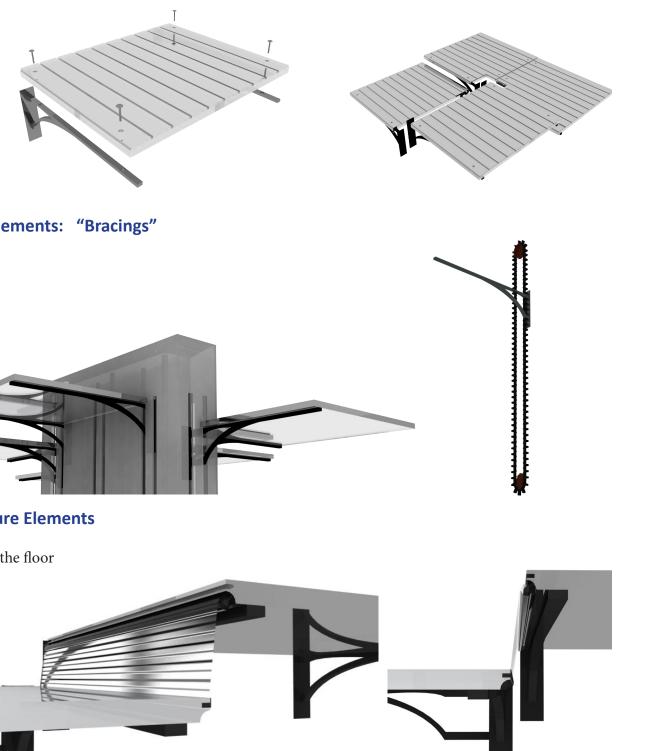


• • It is breathing, and living with its environment.



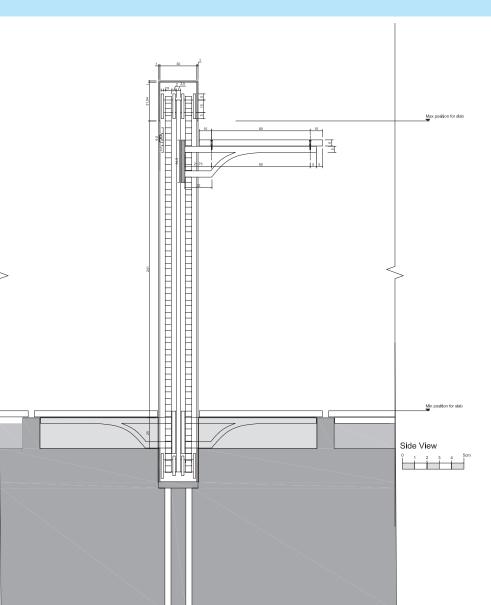


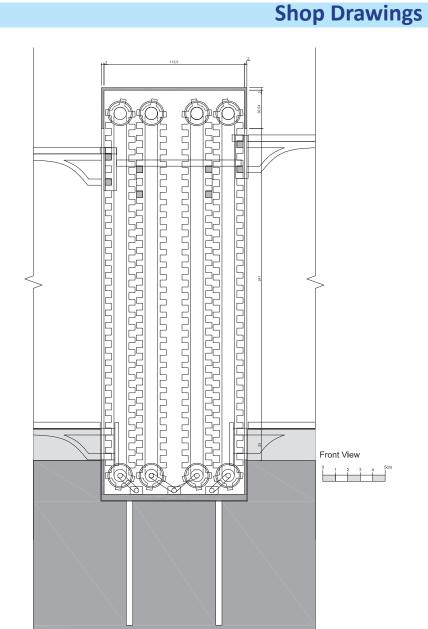
• Slabs to activate them.





Between Slabs Between Slabs and the floor





Working system of the design:

with a forklift to its location

anism and power source, wall will just use the ground as a structural foundation. will start to rise on the wall with the support of the engine and gear system (conveyor

ents expected during event, system can provide sun shading, protection from precipita-

11. When there is a need of light, balloon swarms are flying all over the site and locate themselves on the event area. With the help of helium, gps and engine they can suspend on the air without any additional support. So they don't inter-



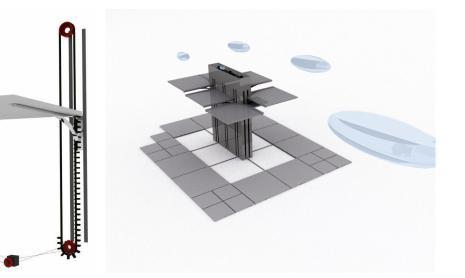
While designing the system; several parameters have been considered as below:

• Adaptable: Living Environment System designed as it can be adapted either to linear or to central space organizations. Also system is designed as a generic mechanism that can respond to the changes on events. • Respectful: It has ability to shape itself according to the site elements (in this case, trees)

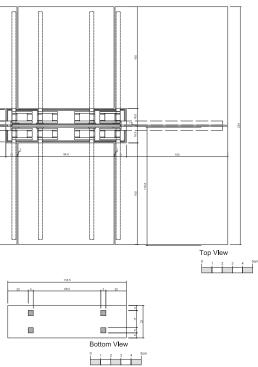
Deployable: System gives possibility to be removed not to disturb visual connection during royal ceremonies on the Dynamic : one element has the capacity to be interactive to the event going on

System Elements

are the mechanic elements and backbone of the structural system of the design. While they are strong vertical elements to define space with the slabs, they also provide conveyor belt for slabs to rise on, and at the same time work as a nest to the

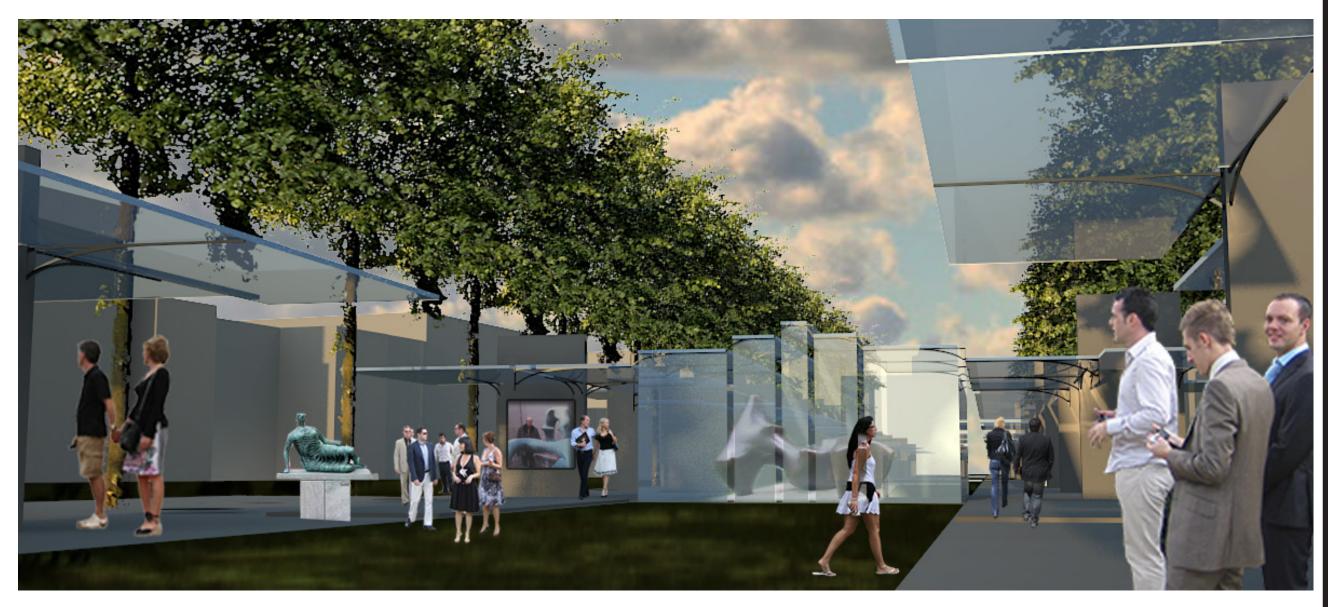


are the horizontal elements lying on the ground during a normal day (with no events occur on the site). When there is a need of a shelter, closed or semi closed space for an event, they can rise on the mechanical walls that can be either permanent or temporary walls. They have the details on them to hold on the construction, they will be just waiting for the walls















Bookstore

Antique Market

Open Air Exhibition

Open Air Foyer for Diligentia

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