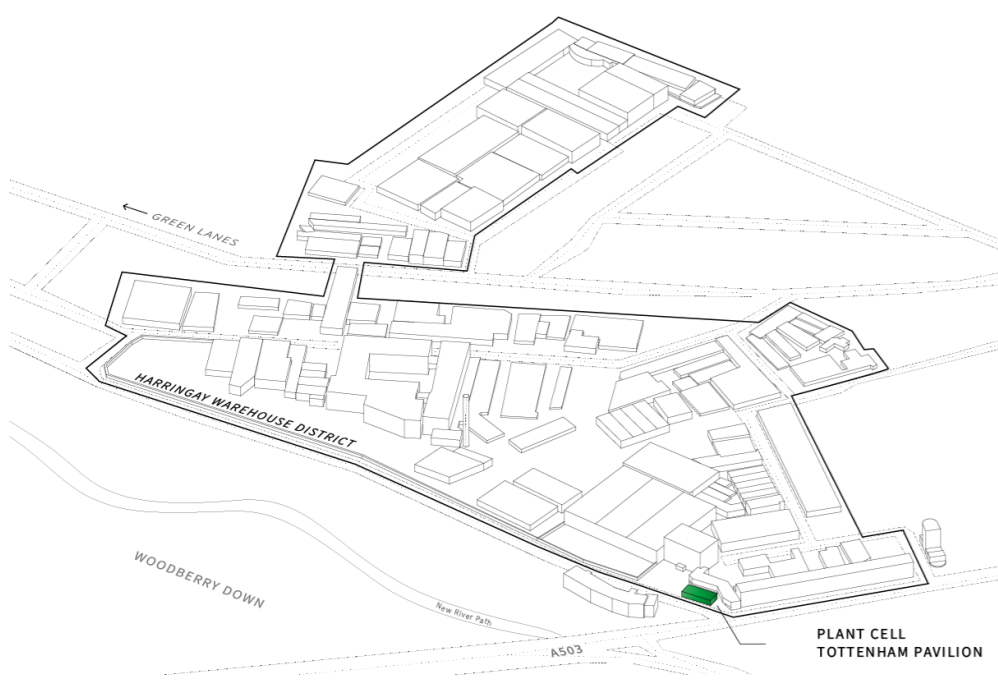


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"Plant Cell" is the cultural activities center of Haringey warehouse district and a gateway to understanding the local culture. It showcases an open, inclusive attitude. The multi-functional space connects local communities while promotes cultural exchange and understanding between the regions.

Through reviewing existing circumstances, considering future sustainable development and reserving historical signs, a new residential design idea with reference to local history is born.

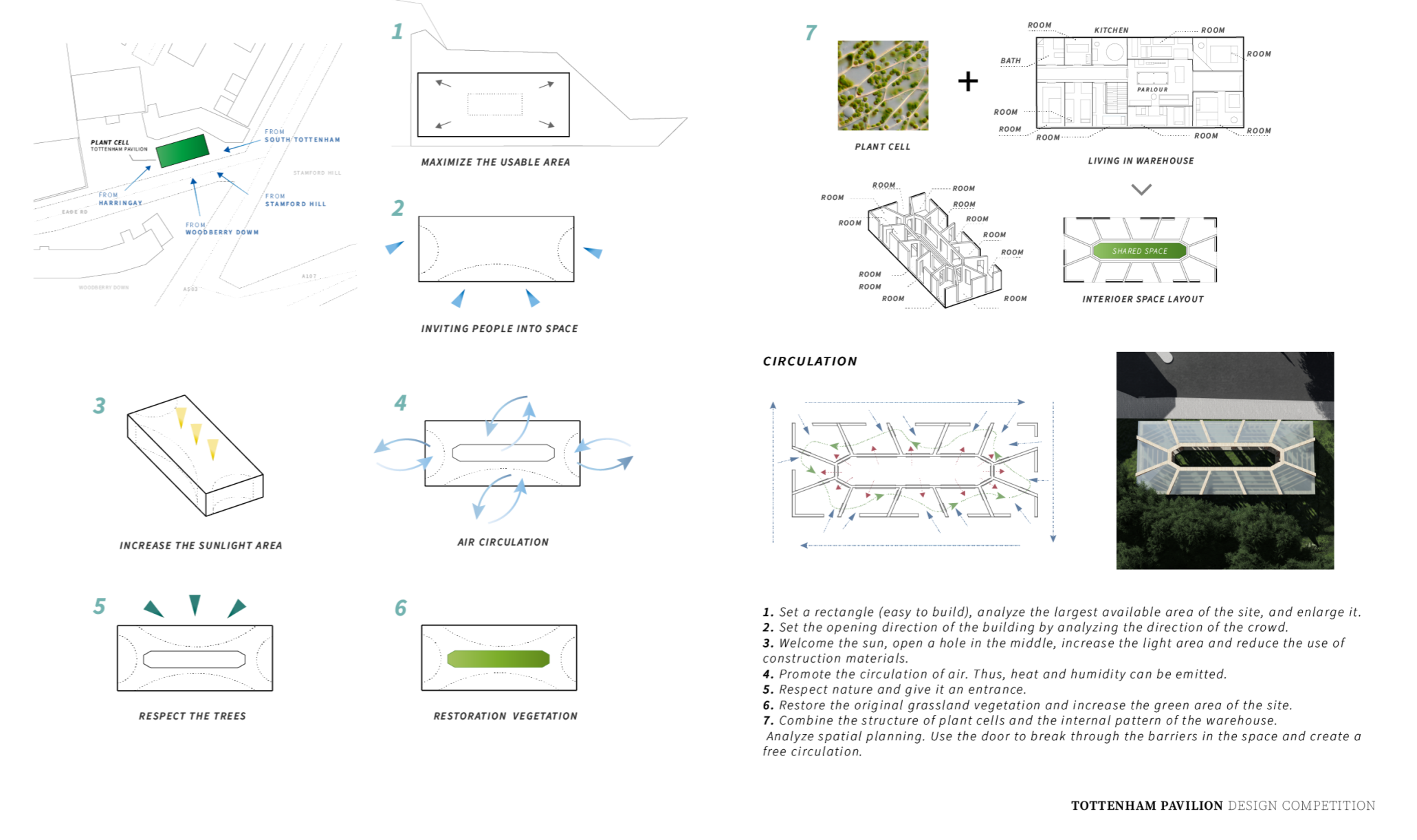
As art injects new vitality and introduces a brand-new spiritual outlook, the cultural inheritance is still retained.



Plant cell acts as a medium between the warehouse and historical buildings to offer insight for sustainable historical reconstruction.

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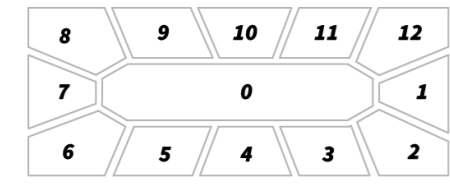
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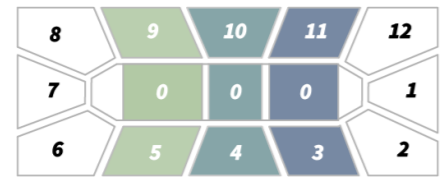
TOTTENHAM PAVILION DESIGN COMPETITION

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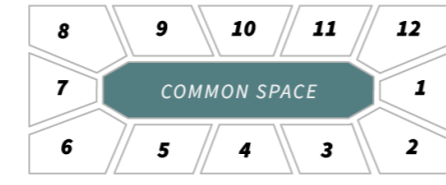
GALLERY or MARKETS



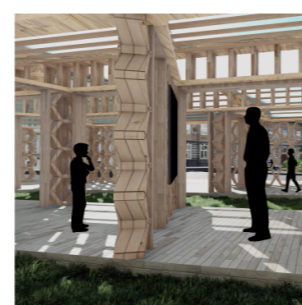
A



B



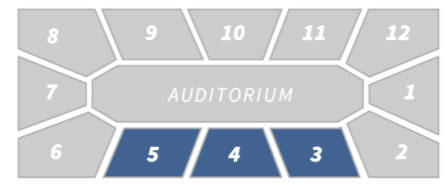
C



GATHERINGS or PERFORMANCES:



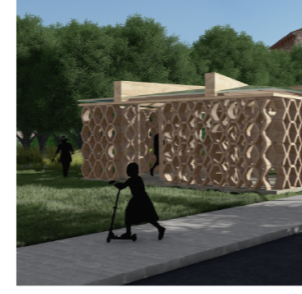
D



E



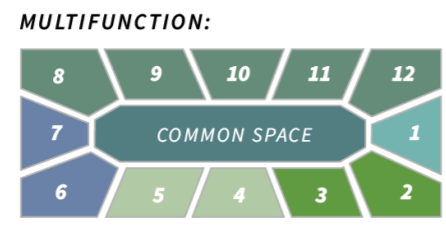
F



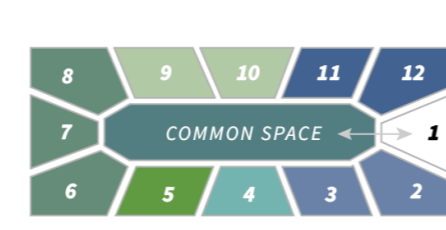
WORKSHOP:



G



H



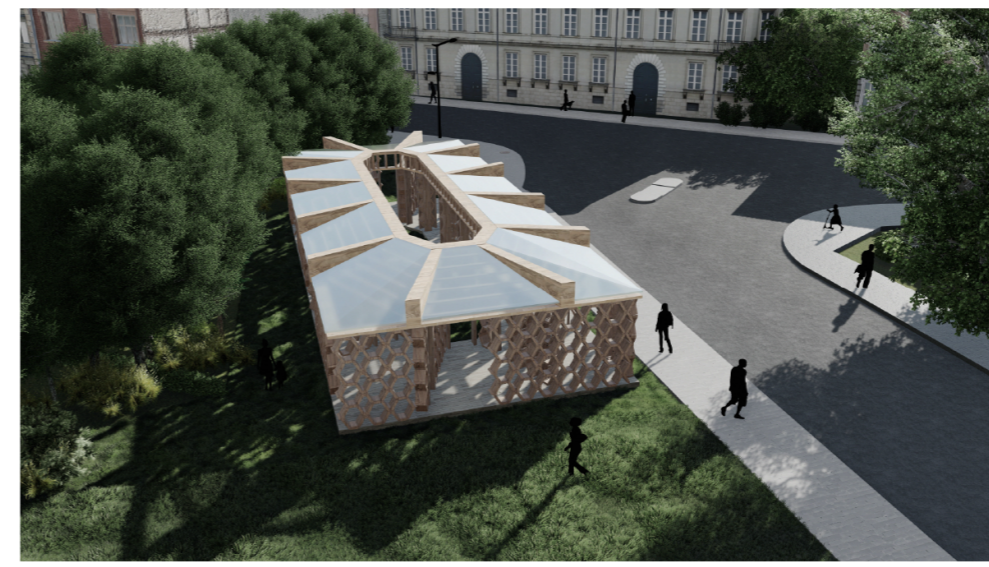
I



The independent coding of space helps to determine the arrangement of the visiting route. Users can choose different modes to meet diverse space needs.

TOTTENHAM PAVILION DESIGN COMPETITION

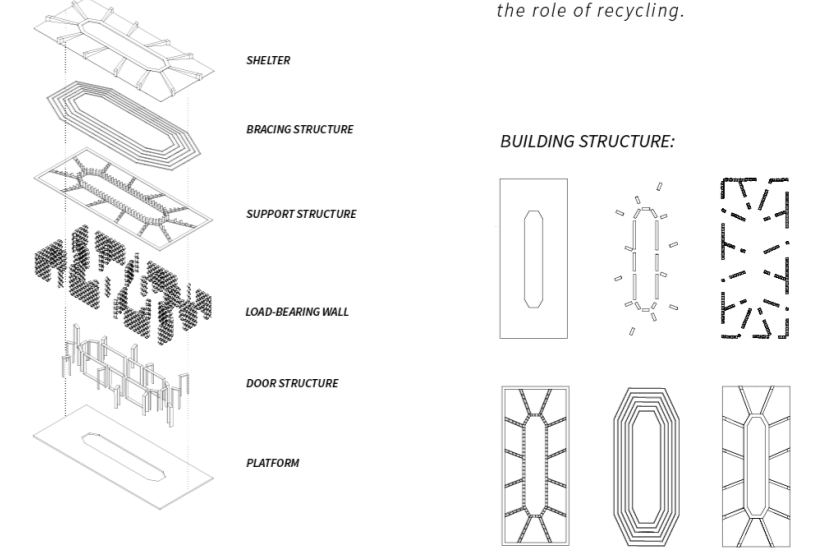
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The architecture is composed of a main body of cuboid and movable wooden cubes to achieve the function of switching different spatial attributes. Construction materials are considered from the perspective of sustainability, easy construction, and low economic cost. The transparent ceiling introduces more natural light while ensuring a light structure. The use of over-all recycled wood materials reduces carbon emissions and achieves environmental protection goals. The assembled support structure could be disassembled and used as pergolas for the community after the use period of the venue to achieve the role of recycling.

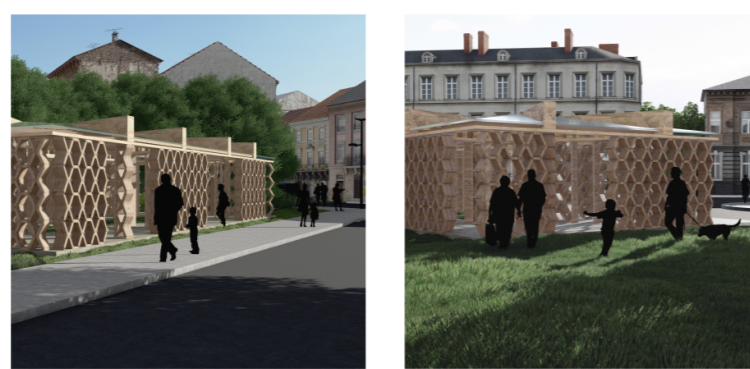
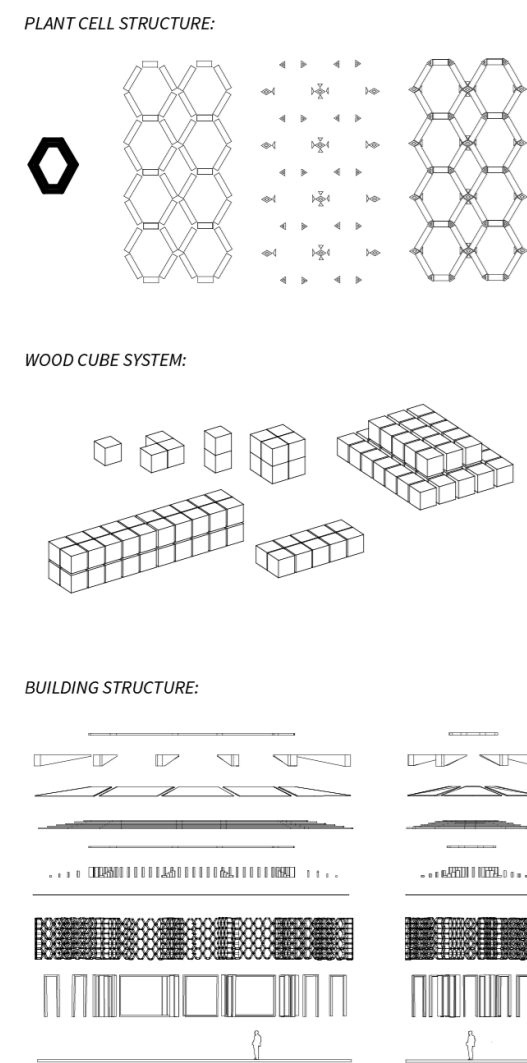
"Plant cell" is a living organism with warmth and vitality. The appearance of the building was inspired by the living status of the warehouse area and the site environment. The shape of the cuboid is a derivative of the warehouse's architectural form. Each connected "independent space" symbolizes the "space independence" and "regional connection" of the warehouse area. The supporting walls follow the structure of the plant cell wall, and each cell symbolizes the unity and strength of the residents of the warehouse area. Due to the permeability created by the structure, the green plants behind can be seen in the space in front. The sight can be shuttled freely in the space to achieve an experience that the vision arrives before the body.

Room	Area (sqm)	Volume (cu m)	Material	Notes
1	120	1200	Wood	Workshop
2	120	1200	Wood	Workshop
3	120	1200	Wood	Workshop
4	120	1200	Wood	Workshop
5	120	1200	Wood	Workshop
6	120	1200	Wood	Workshop
7	120	1200	Wood	Workshop
8	120	1200	Wood	Workshop
9	120	1200	Wood	Workshop
10	120	1200	Wood	Workshop
11	120	1200	Wood	Workshop
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99	120	1200	Wood	Workshop
100	120	1200	Wood	Workshop



TOTTENHAM PAVILION DESIGN COMPETITION

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CULTURAL SIGNIFICANCE:

"Plant Cell"
Awakens people's closeness and respect for nature. It is also a natural constraint that restricts excessive commercial development and avoids disorder in the community.



TOTTENHAM PAVILION DESIGN COMPETITION

NIKO EDWARDS



EFFECTS OF PLANT CELL

The extension of the plant concept into community architecture is a confident solution to respond to the future gentrification. The coexisting of architecture and green plants reduce carbon emissions and repays nature in a greenway. It uses the green style to develop the cultural identity and maintain the harmonious development of the community, thus improving the living environment and enhancing living pleasure. Artists can rely on the new creative environment to create artworks with regional characteristics and find a balance between individuality and commonness. New residents can also feel a sense of belonging and integration in their lives and works here, and then devote themselves to the maintenance and contribution of the community.

TOTTENHAM PAVILION DESIGN COMPETITION