

CASE STUDY

IKEA GREENWICH

CREATING LONDON'S HIGHER GROUND



WORLDS MOST SUSTAINABLE IKEA STORE

In February 2019 Ikea, the Swedish International Furniture Retailer, opened its doors to what they call the "Worlds most sustainable Ikea Store". The store, in Greenwich, South East London, is built on land re-purposed by Ikea, which was formerly a highly sustainable Sainsbury Superstore. Whilst there is a lot of discussion about the suitability of demolishing and rebuilding another sustainable store, however, there is another story with this building which goes far beyond the environmental impact of the building.





ROOFTOP LIVING EXPERIENCE

From the upstairs café / learning area / community yoga space, you can gaze reflectively over one of the largest accessible roof gardens in London, with 4000sqm of planted soft and hard landscaping, relaxation space, orchards and terraces. If you look northwards, you can see the familiar shape of the O2 Dome and Canary Wharf beyond. From the roofspace, it could be thought that you were in a garden, far from the madness of a major city, with the exception of the underlying hum of city noise. This space is Ikea's gift to the local community, their provision for nature, sustainability and wellbeing within the hustle of one the worlds future supercities.

And this is the other story. Ikea have thoughtfully made this provision, recognising the innate link between wellbeing and nature. As surely as some have chased sustainability for its carbon footprint, bio-diversity and non-reliance on diminishing resources, Ikea have added the community benefit for peace, reflection, socialisation and better mental health, of its customers, its community and its employees.

“SUSTAINABILITY AND WELLBEING WITHIN THE HUSTLE OF ONE THE WORLDS FUTURE SUPERCITIES”





In November 2019, Bridgman & Bridgman won the BALI Best Newcomer for this roof, a well deserved accolade for an innovative and inspiring company dedicated to increasing awareness of Roofscaping as whole. Zoontjens have been proud to be involved with this project and the opportunity to play a small part in making a difference.

The BALI award winning rooftop in Central London, the largest publicly accessible rooftop in London, is open during normal store hours and normal periods of operation. This roof featured prominently on World Green Roof Day on the 6th June 2020.



40 YEARS EXPERIENCE DEDICATED TO TRANSFORMING ROOFS

Zoontjens were approached by Bridgman & Bridgman, The green roof specialist, to assist with the roof garden they were planning to install. Zoontjens, the experts in elevated landscape solutions, with over 40 years experience dedicated to transforming roofs, manufacture and operate throughout Europe, and were ideally placed to understand the requirements and provide a suitable solution. The original design called for a permeable pavement on the roof, with block paving as the surfacing material. The concept, was to slow down the speed of surface water rainfall (attenuate) beneath the pavers in specially graded aggregate and discharge it at a reduced flow rate. Zoontjens put forward an alternative which required no aggregate and was a cohesive solution with their Dreen paving.

The unique paving and support system enabled the surface to be laid flat in places, or follow the natural pitch of the roof construction, incorporating adjustable supports, between 5mm to 600mm. The proposed design would allow thresholds to be laid flat to the all access and egress as well as ramps for accessibility to that the whole of the pavement. In addition to the design considerations, the use of this system

- removed circa 100 crane movements, through removing the aggregate
- removed vehicle movements into Central London
- increased water storage
- reduced installation time
- reduced long term maintenance
- ease of access to roof membrane

The paving was installed by Zoontjens Approved Installers, Tolly Paving, during the winter period of 2018/19.

WHAT IF THE WORLD WERE TWICE AS BIG?

It can be, as far as we're concerned. Our world, twice as big. A world that we are helping to design and construct perfectly with our roof slab systems. Our many years of experience have made us the number one expert in rooftop paving. For sustainable roofs, livable roofs for socialising.

We interact with architects and contractors every day. With roofers and project developers: Creators and constructors. We listen to them, work with them and advise them. That's why we're the number one party with the best rooftop vision. It's our higher ground.

zoontjens.com

