

Grass paving stones Vijfhuizen >>>



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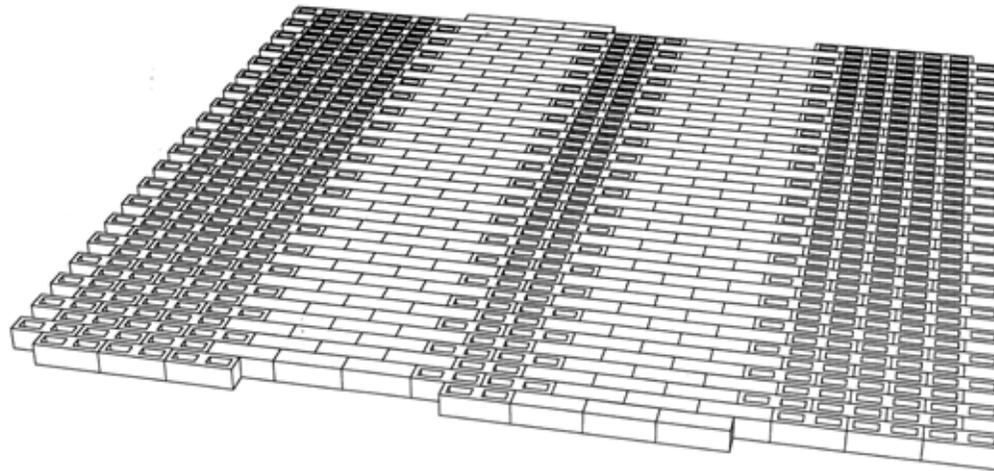
project
designing
public areas
in Stellinghof

site
Vijfhuizen,
Municipality of
Haarlemmermeer

designers
Ronald Bron
Remco Rolvink
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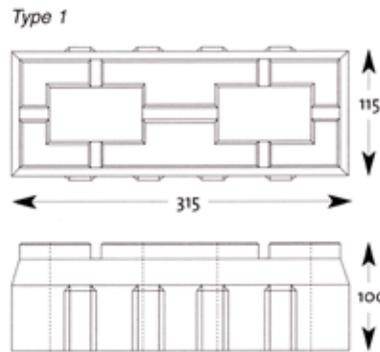
client
Municipality of
Haarlemmermeer

year of design
1999 - 2002

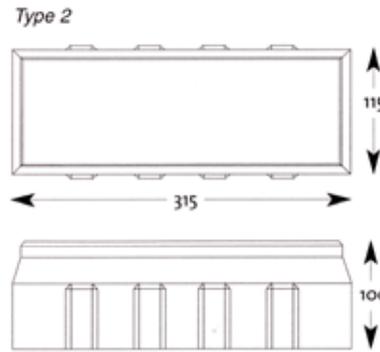


Especially-designed cellular grass paving block results in a green streetscape

The compact design of new housing districts and the room required by cars often results in public spaces which are paved and serve solely for traffic. The space available for greenery is marginal. However, traffic areas in the form of grass streets can nevertheless achieve a green streetscape. Hosper has designed a special cellular grass paving block that is based on this philosophy.

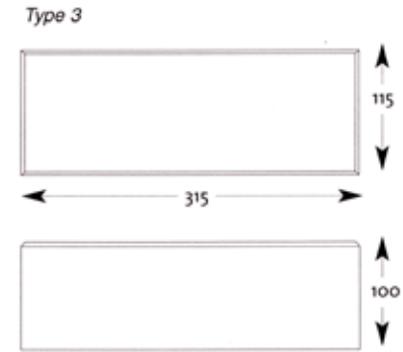


The cellular grass paving blocks, with dimensions of 315 x 115 x 100 mm, have two cells and a number of grooves. These grooves literally enable the grass to 'dodge' the traffic. The blocks are thicker than is customary to encourage the growth of grass roots in the cells. The blocks for the green streets are laid on a layer of crushed demolition waste and a top layer of drainage sand. The cells are filled with a mixture of sand, black earth and grass seed.



Grass streets

The cellular grass paving blocks can be used to lay grass streets. Grass streets are particularly suitable for residential streets with an average to low traffic intensity. The principle is as follows: a surface primarily comprised of grass is proposed for the zone between plot boundary and plot boundary. All road users will need to be able to use this grass surface, which is achieved by the use of cellular grass paving blocks and solid paving stones. The use of solid paving stones will be minimised to obtain a maximum green surface area.



The parking spaces and part of the carriageway will be paved with cellular grass paving blocks. Solid paving blocks will be laid solely in two parallel lines along the centre of the carriageway. These lines will indicate the course of the carriageway. A separate path paved with solid paving stones, either linked to or separate from the carriageway, will be available for cyclists and pedestrians.

