



VANDE MOORTELT  
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UNIQUE  
COLOURS & SIZES



# shaping places

#07

# shaping places



*Dear reader,*

*Creating climate-resilient and sustainable outdoor spaces is - or at least it should be - a priority for all of us. Now that the debate has started, we find that it is 'finally' being conducted in the right way; namely, on a project-by-project basis and not about one product or one specific aspect.*

*It is not just one product that is going to save the world, make it more sustainable or restore groundwater. It is the specific approach to the place and its environment that counts and a combination of solutions that make an outdoor space climate-proof. Permeable surfaces are an important tool, but only one part within a broader vision.*

*Following the saying "lead by example", we applied this to our own outdoor space, which not only aims to highlight our clay pavers, but also incorporates multiple functions and must withstand the test of time in a climate-proof manner. In addition to stormwater issues, biodiversity, softening and circularity were also considered.*

*To designers working with our products, we no longer need to explain this. Witness to this were the many entries we received for our Clay Paver Awards. The last edition was not only a success, but also a true celebration. Of course, all credit goes to the designers, but as a manufacturer, we are proud of our contribution.*

*Peter Vande Moortel*



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Garden Club London



*At the beginning of 2020, Brickworks Vande Moortel moved into a brand new, multifunctional building along the river 'Scheldt' in Oudenaarde. With this unique building comes an equally important outside space which comprises four main functions: a permanently accessible display park, a route guiding visitors to the entrance, adequate parking and the busy access road leading to and from the storage area at the rear.*

## Welcome to the climate-proof outside space at Brickworks Vande Moortel

### THE ENVIRONMENT AND NATURE IN HARMONY WITH EACH OTHER

Commercial building and outside space form a single harmonious whole where the strict rhythm of the building volume is reflected in the outdoor environment. The glazed sections are replaced by lawns and a variety of colourful playful plants which gently break up and soften the motif. The straight lines then continue into the numerous parking areas provided adjacent to the building.

Low red beech hedges planted in long rows clearly define the various zones that make up the outside space and accentuate the desired rhythm. The plentiful greenery is combined with the warm brown and yellow tints of the clay pavers, creating a pleasant and tranquil whole.

### LEADING BY EXAMPLE WITH A CLIMATE-PROOF DESIGN

The outside space also excels in terms of its climate-proof design, with various ecological features such as water-permeable surfaces, rainwater buffering in wadis, softening with plentiful greenery and biodiversity and the use of circular materials.

**Client:** Brickworks Vande Moortel

**Landscape architect:** Wirtz International Landscape Architects

**Architect:** TARCH

**Photos:** Cafeine - Marc Scheepers - Vande Moortel



DISCOVER MORE

## H<sub>2</sub>O NATURAL CLAY PAVING

### WATER-PERMEABLE PAVING THANKS TO H<sub>2</sub>O NATURAL CLAY PAVING

The H<sub>2</sub>O Natural Paving concept guarantees water-permeable paving. When used in conjunction with the correct joint filler H<sub>2</sub>O Natural Paving Sand, this is a smart way of letting water infiltrate into the ground. The use of H<sub>2</sub>O Natural Clay Paving also provides excellent acoustic comfort and a 100 per cent natural appearance.

H<sub>2</sub>O Natural Clay Paving fits in with Steenbakkerij Vande Moortel's overall vision on the issue of water infiltration as part of the solution. In order to achieve a "climate-/future-proof" result, Vande Moortel has therefore used other provisions too.





“The rhythm of the façade with its chequerboard motif is reflected in the show park via a mosaic of lawns and greenery.”

#### ATTENUATION OF RAINWATER

In the outside space, it becomes clear what this hybrid approach to water infiltration looks like in practice. Where infiltration of rainwater is not desirable or possible, the best solution is for rainwater and surface water to run off via paving into wadis. Besides serving as wadis, they can also be used as buffers for collecting water such as e.g. rain gardens and water plazas.

In this outside space where various types of paving construction have been experimented with, there are also certain zones where direct infiltration is not possible. Here, the water is collected and runs off into a wadi where it can then gradually infiltrate into the ground. As a result of this combination with water-permeable paving and softened surfaces, every raindrop ends up in the ground rather than in the sewer system.



“Thanks to water-permeable paving and softened surface every raindrop ends up in the ground.”

#### SOFTENING WITH PLENTIFUL GREENERY AND AN EYE FOR BIODIVERSITY

The rhythm of the façade with its chequerboard motif is reflected in the show park via a mosaic of lawns and greenery. Consequently, no less than half of this total area consists of unpaved ground. This means that the rainwater has more than enough space to infiltrate into the subsoil.

The planting in these zones significantly enhances the quality of the surroundings. Visitors and personnel experience the added value of this approach both visually and in terms of use.

The parking areas were planted with a combination of planes and tall red beech trees which have grown to form a green roof over the whole area, providing the shade and natural cooling required.

Low red beech hedges were planted in long rows to clearly define the various zones and keep up the rhythm. All in all, this vegetation ensures immense biodiversity that was not present at the site before.

The transition from industrial site paved with concrete to modern functional space that shows respect for nature and climate fits in perfectly with the Flemish government’s ‘Green Deal Companies and Biodiversity’.





**CIRCULAR APPROACH**

The H<sub>2</sub>O Natural Paving concept consists of 100 per cent natural materials with a very long lifespan combined with an unbound paving construction. This results in a circular paving concept and also, our clay pavers are 90% reusable when the paved surface is broken up or relaid.

A circular principle was also applied to the parking areas, where milled clay pavers were laid on top of a water-permeable construction: a circular application for clay pavers which can no longer be reused as such. Therefore in principle, a clay paver never needs to end up as construction waste.

“Our clay pavers are 90 % reusable when the paved surface is broken up or relaid.”





## Spaarndammerhart in Amsterdam honours past tradition and unites architecture, art and nature



DISCOVER  
THE CASE STUDY

At the beginning of the twentieth century, Spaarndammerbuurt consisted of characteristic urban ensembles from the Amsterdam School period. The neighbourhood is still largely intact but over time it has picked up scars here and there which are slowly healing. The housing complex on the site of the former Spaarndammerschool designed by Korth Tielens Architecten in collaboration with Marcel Lok Architect is an example of this. The new building is based on the richness of the Amsterdam School tradition which unites architecture, art and nature.

At the heart of the development is the communal green courtyard that is appropriately accessible via gateways leading to the informal routes in the neighbourhood. There are communal gardens in which the existing large trees have been regrouped, creating a vast green outlook for both the residents of the new building and those living in the existing adjoining properties. The project is in line with the pioneering Rainproof policy of the municipality of Amsterdam. Green roofs collect rainwater and there is as little paving as possible within public areas. In the event of heat stress, the abundant greenery and the robust façades cool everything down. The planting has been chosen to provide food for the urban animals to be expected such as small songbirds, bats and insects. In the upstanding eaves and façades, there are nesting boxes for small birds, swifts and bats.

### 'DE OUDE WEG NAAR DE NIEUWE TIJD'

Martijn Sandberg designed an integrated artwork for the gateways and the paving for the Spaarndammerhart new build project in Spaarndammerbuurt, Amsterdam. Walking through the gateways on 'De Oude Weg Naar De Nieuwe Tijd' (The Old Path To The New Time), a figuration appears before our eyes – like in a vision. In the constantly changing play of light and shadow, brick letters become visible on the wall, the vaulted ceiling and the ground.

It is a figuration consisting of four letters and four numbers – with a different combination of numbers in each gateway – that gives us the access code to a journey through time: 'Anno 2020', 'Anno 1917' and 'Anno 3025'. Via the gateways leading to the courtyard, we discover step by step, brick by brick, letter by letter 'De Oude Weg Naar De Nieuwe Tijd, De Nieuwe Weg Naar De Oude Tijd' (The Old Path To The New Time, The New Path To The Old Time).

The aim was to develop an artwork that reflected the historical context of the location in which characteristic features of the image carrier also formed part of the design. To design an image where the visual language – 'the language of the image' – was directly related to its image carrier and the surrounding urban environment.



### Ecological Brick7 size:



30% reduction of CO<sub>2</sub> emission



Optimised price-quality ratio



Can be processed using traditional techniques



The same quality and lifespan as a conventional format



More efficient transport



Fewer raw materials used for production

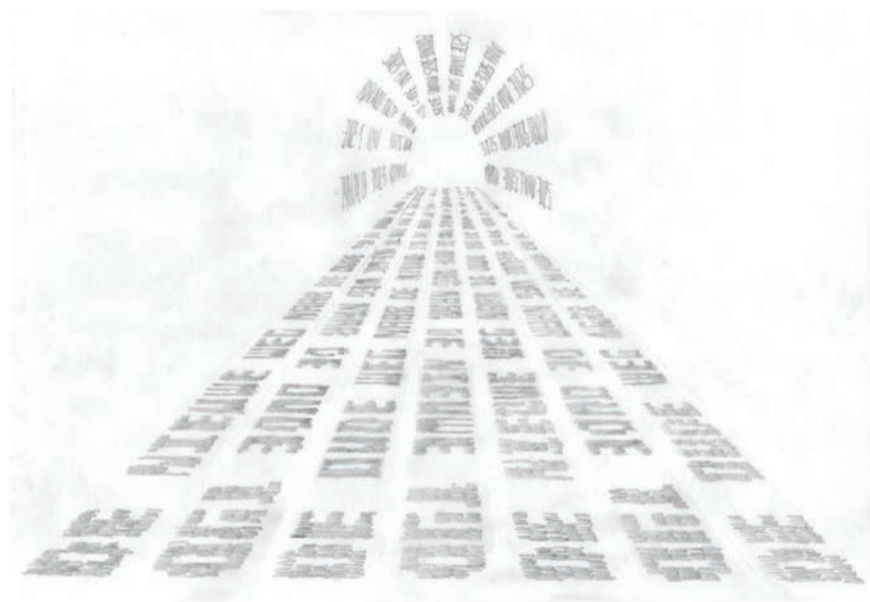


Lower energy consumption during production



**Client:** Heijmans Vastgoed  
**Architects:** kortthielens architecten en Marcel Lok\_Architect  
**Visual artist:** Martijn Sandberg  
**Landscape architect:** DS Landschapsarchitecten

**Construction:** De Koninklijke Ginkel Groep  
**Clay pavers:** SeptimA Vanilla WF en SeptimA Titaan WF  
**Photos:** Peter Cuypers



The artwork on the ground starts on the street side at the foot of the gate and extends like a carpet under the vaulted arch through to the courtyard for the development. The writing is applied directly to the skin of the architecture like a tattoo: in brick relief in the three gateways, in a contrasting combination of two colours in the brick paving under the arches and in the courtyard, as house numbers in both façades on the street side and in the courtyard. The yellow of the Wasserstrich SeptimA Vanilla clay pavers as the dominant colour gives the whole installation a feeling of freshness and light, while the dark grey SeptimA Titaan creates contrast and forms the graphical aspect.

Martijn Sandberg: “‘You’ll never walk alone’, that’s the feeling I get in the Spaarndammerbuurt neighbourhood. Walking past the Amsterdam School architecture is like a journey through time. My first idea – and they are often the best – for this project came to me while I was walking through the neighbourhood thinking about it in 2016: a text as a brick relief in the masonry of the arches and created underfoot using clay pavers.










“The yellow of the Wasserstrich SeptimA Vanilla clay pavers as the dominant colour gives the whole installation a feeling of freshness and light, while the dark grey SeptimA Titaan creates contrast and forms the graphical aspect.”

There are a lot of underpasses in the neighbourhood, I see them as a transition, a portal leading from one place to another. In these gateways, I wanted bricks – the ‘pixels’ of this particular architectural style – to do the talking, in the form of a phrase that could be read from left to right as well as from right to left. And – just like a gateway – there is no beginning or end. It totally depends which side of the gateway you are standing on.

The design has three gateways and in each one, I captured the time with the word ‘anno’. What would happen if you wrote ‘anno 1917’ on a new building?, I wondered. Or ‘3025’? A year so far in the future clashes with the imagination, while ‘2020’ on the other hand creates an awareness of the present.

The construction of the Spaarndammerhart project took two years. The brickwork for the three archways and the laying of the pavers on the ground was a whole process in itself. Local residents even started dropping by during construction. I also made regular visits myself to check on the work. The postman also came to have a look, even when there were no residents there to deliver to. I heard him muttering to himself: “Well, it fits in perfectly with this neighbourhood.” So the work came to life even before it was completed.”

See below the ecological benefit we get from this project by using the **ecological Brick7 size**:

	TRADITIONAL WAAL FORMAT	ECOLOGICAL WAAL FORMAT 	ECOLOGICAL ADVANTAGE
<b>RAW MATERIALS</b> 	236 tonnes	162 tonnes	74 tonnes of clay 
<b>ENERGY CONSUMPTION</b> 	1,7 days	0,9 days	0,8 production days 
<b>TRANSPORT</b> 	8 full loads	7 full loads	1 full load of bricks 
<b>ADVANTAGE</b> 			 7 average garden projects

# VANDE MOORTELT

## Clay Paver Awards 2020 2021

### REWARDING SUSTAINABLE PLACES SHAPED WITH CLAY PAVERS

The Vande Moortel Clay Paver Awards promote and support unique designs using Clay Pavers. Schemes that meet today's challenges like sustainability, accessibility, cost/efficiency and many more.

It is our strong belief that because of their characteristics our clay pavers belong in these high demanding spaces. As a result we want to promote the ones containing our products and reward the designers and architects responsible.

SUBSCRIBE FOR EDITION 2022 - 2023:



On Friday 29 April 2022, brickworks Vande Moortel announced the winners of the Clay Paver Awards for the 3rd time. Unlike the previous edition, which for obvious reasons had to take place online, all the participants come together in Oudenaarde to attend the awards ceremony.



MORE THAN  
100 PARTICIPANTS

## 'THE WALL OF FAME' - CONGRATULATIONS TO ALL THE WINNERS!



WATCH THE AFTERMOVIE

### CITY GARDENS



Project: **Lockdown garden**  
Design: **Jenny Bloom Garden Design**



Project: **Chelsea town house**  
Design: **Butter Wakefield Garden Design Ltd.**



Project: **'Verloren kost' (Gent)**  
Design: **Gilles Pieters Landschap- en tuinarchitectuur**

### MEDIUM & LARGE RESIDENTIAL GARDENS



Project: **Peartree House**  
Design: **Ian Stubbs Design Associates Ltd.**



Project: **Esher outdoor living garden**  
Design: **Garden Club London**



Project: **Private residence Hale**  
Design: **Natural Dimensions**

### COMMERCIAL & COMMUNAL GARDENS



Project: **Edington Key Worker Housing**  
Design: **Stanton Williams Architects**



Project: **Locke Hyatt Centric Hotel Cambridge**  
Design: **Robert Myers Associates**



Project: **Kents Hill Business Park**  
Design: **McWilliam Studio**

### PUBLIC SPACE



Project: **Hobsons Square Cambridge**  
Design: **PLACE Design + Planning Ltd.**



Project: **Luma Arles**  
Design: **Bureau Bas Smets**



Project: **Domplein (Utrecht)**  
Design: **Gemeente Utrecht**



WINNER GOLDEN AWARD  
CLAY PAVER AWARDS 2020-2021  
Category 'Small gardens'

## Taupe clay pavers give a contemporary look to this London city garden



DISCOVER THE CASE STUDY

Jenny Bloom: "This urban courtyard garden in London was designed for clients to enjoy alfresco living - as the dated garden they had inherited had no real place to sit comfortably. Midway through the build, the country went into its first lockdown and the garden became an even more important space for the family.

"Different laying patterns demarcate virtual zones and make the overall picture even more dynamic."

**Garden designer:** Jenny Bloom Garden Design  
**Landscape contractor:** Wilson Lloyd Landscaping  
**Clay pavers:** SeptimA Taupe

Vande Moortel Clay pavers SeptimA Taupe were used in different patterns in the courtyard spaces which could be used flexibly for eating out or lounging. One of the spaces was enlarged from the original design to accommodate the family's full size table tennis table, a vital diversion during lockdown. New steps and terraced planting also improved the view from the basement flat.

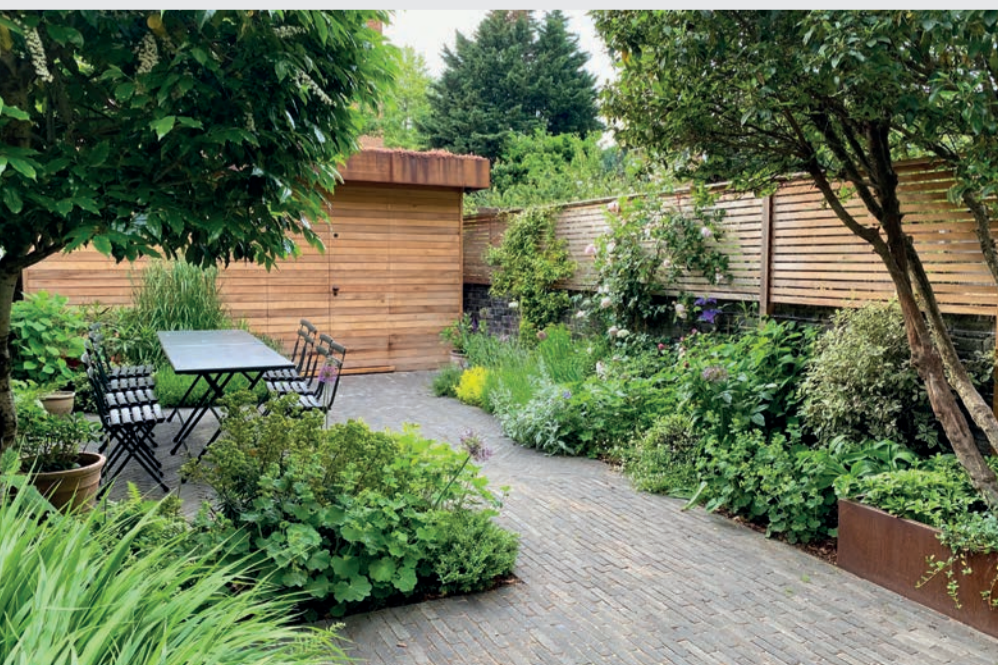
The mature trees on site were retained, with existing dated brick planters replaced by contemporary corten steel. Corten was also used to trim the green roof on the new bespoke cedar clad storage shed, with cedar slatted trellis along the garden walls to improve privacy. The mixed planting scheme adds texture and colour and helps soften the space.

**Processing:** herringbone and stretcher bond; stack bond for the steps  
**Photos:** © Jenny Bloom

The clay pavers added a contemporary feel, working well with the corten steel planters and were the perfect choice to complement the clients' house with its dark grey paintwork. The garden was used extensively during lockdown and as things opened up became more of a sociable space for family and friends."

### Ecological touch

Existing trees were retained on site. The new planting scheme with changing seasonal interest has added more diversity to the garden, with more food and habitats for pollinators and wildlife. The large storage shed has a green roof and all rainfall goes back into the ground.





**Client:** Broeders Abdij der Trappisten van Westmalle (Br. Nathanaël – Vader Abt)  
**Landscaper:** Ludo Willems  
**Garden contractor:** Tuin- & Landschapsarchitectuur Willems – Verdult (T&L WV)  
**Clay paver:** SeptimA Ebony  
**Processing:** stretcher bond, Jointex – basalt



## SeptimA clay pavers lead the way through the garden at Westmalle Abbey

### A GREAT STORY

Garden architect Ludo Willems was asked to create a design for the Trappist Abbey in Westmalle for the renovation of the 'Pandhof' (courtyard garden), the green heart within the walls of the monastery. It is a unique project with its own micro-climate, being completely surrounded by the walls of the monastery. The challenge lay in reflecting the sober unique life of the Brothers in this special monastery garden. Indigenous planting with a natural and not 'cultivated', low-maintenance and frugal 'Campine' character was the most important cornerstone. The plans for the garden design were coordinated with architects Paul van Aerschot and Erik Van Herck in order to maintain cohesion with the architecture. The reconstruction also ties in with the major renovations carried out in recent years, with the aim of valorising the Abbey and giving it a new 'cachet'.

### SYMBIOSIS BETWEEN CLAY PAVERS AND A GREEN OASIS

The mindset of T&L WV encompasses a close affiliation with nature but also with spirituality. The natural appearance, the durability and also the quality of fired clay pavers contribute towards the look of the whole renovation project. Each clay paver has its own unique character. They are also environmentally-friendly. Clay pavers lend themselves wonderfully to the fact that when the joints are washed in, maintenance is kept to a minimum, eliminating the use of sprays. The tumbled clay paver chosen – 'SeptimA Ebony' – has a dark tint with subtle shading, with an earthy undertone as its trump card. Once again, the emphasis is on sobriety. The curved outlines of the paths soften the overall look and create the tranquillity required. The combination with all the surrounding durable materials results in a harmonious whole.



**VANDE MOORTEEL**  
BRICKS · SLIPS · PAVERS



### GREAT BRANDS THINK ALIKE

#### Quality

The unique clay pavers and facing bricks from Vande Moortel have exceptional quality characteristics and an extremely long lifespan. They have been used to create award-winning projects by leading designers worldwide. As one of the Trappist abbeys, Westmalle has been loved around the world for decades. The combination of tradition and state-of-the-art brewing techniques guarantees exceptionally high quality results for beer lovers to enjoy.

#### Authenticity

Pure authenticity is created by upholding traditions in both the manufacture of facing bricks and clay pavers as well as the brewing of beer.

#### Natural raw materials

There is one secret about Westmalle and Vande Moortel that we can reveal: both brands only work with natural, durable, high-quality raw materials.



DISCOVER THE CASE STUDY





**WINNER SILVER AWARD**  
**CLAY PAVER AWARDS 2020-2021**  
**Category 'Medium & Large**  
**Residential gardens'**



## Esher Outdoor Living Garden by Garden Club London

Garden Club London: "In this really good sized garden that generously wraps all around the house, we were asked to help our client transform a disused former kitchen garden and storage area that had become a dead space. The brief was to help integrate the clients kitchen extension and garden together whilst providing an outdoor kitchen area, dining space and a covered area for table tennis to provide a garden that the whole family could enjoy all year round.

Our client is a keen gardener and the remainder of the garden is well cared for so adding interesting planting and a privacy screen between themselves and the neighbouring property was also an area needing attention.

The most important element of the design for us was how to integrate the beautiful light kitchen extension space into the garden.

Levelling the two areas was not an option and we were working over three levels to create the fire pit area so a deep feature step in contemporary sandstone was added as you step out of the kitchen. Incorporating the existing garden features and trees was key part of material and plant selection however a few specimens that were in the wrong place or out of character were removed.

This instantly made the gardens existing planting feel more consistent and established a connection with the newly landscaped area and planting. We designed and built a bespoke kitchen unit, re-designed the sunken fire pit space and a dining area which forms a focal point from the interior glass walls with matching Iroko feature privacy screen and kitchen cladding updating to the brick wall. The 3rd area hides a big practical storage shed and accommodates a pergola with retractable awning with a table tennis beneath. This is a flexible space that can be adapted in the future should our clients need to."

**Garden designer:** Garden Club London

**Clay paver:** SeptimA Salvia and Olive

**Processing:** stretcher bond

**Photos:** © Joanna Kossak



DISCOVER THE CASE STUDY





**WINNER GOLDEN AWARD  
CLAY PAVER AWARDS 2020-2021  
Category 'Commercial & communal gardens'**



DISCOVER THE CASE STUDY

## Key Worker Housing - Eddington, North West Cambridge

The North West Cambridge development is a major extension to the city and the most significant capital project that the University of Cambridge has undertaken in its 800-year history. Forming the heart of this new neighbourhood are Stanton Williams' designs for 264 key worker homes for University staff, supported by generous public realm, retail and social spaces.

A network of courts and squares, framed by the 10 new buildings, creates a transition from the life of the city into the heart of a new community. These varied interconnected spaces form a social landscape, recalling the differentiated spaces of the traditional city and the historic collegiate spaces of central Cambridge. They differ in scale and function, moving from the large, urban and public Market Square, through to the semi-public Landscape Court.

Single storey cycle pavilions break down the scale and massing of the buildings, while pedestrian routes offer informal interconnections between public and semi-public spaces, helping to strengthen the sense of community. At the heart of the project vision is a desire to create lifetime homes and to foster sustainable living.

The palette of natural materials references the materiality found in the domestic architecture of Cambridge. Clay pavers and traditional cobblestones provide continuity and a sense of permanence, while timber and natural elements such as plants and water features introduce detail on a more intimate scale. The warm, yellow SeptimA Vanilla clay pavers are a perfect match with the environment.

The landscape, interspersed with water features and edible plants, encourages both wildlife and opportunities for respite and outdoor activities. Apartments provide generous living spaces and are primarily dual-aspect. The scheme utilises Combined Heat and Power Energy generation, rainwater harvesting and Sustainable Drainage Strategies. Residential units have been designed to meet the Code for Sustainable Homes Level 5, while retail units and non-residential spaces were built to BREEAM Excellent.

- Client:** University of Cambridge
- Design:** Stanton William Architects
- Clay paver:** SeptimA Vanilla
- Processing:** stretcher bond
- Photos:** © Jack Hobhouse



**WINNER GOLDEN AWARD  
CLAY PAVER AWARDS 2020-2021  
Category 'Public Space'**



DISCOVER THE CASE STUDY

## Hobson's Square, a significant new public space for Cambridge

Hobson's Square is the civic heart of the new Great Kneighton development in Cambridge and a significant new public space for the city. Countryside Properties was the client for the housing development and PLACE was its lead landscape architect. PLACE's design concept is based on Bronze Age field boundaries

found on the site; one boundary runs diagonally through the new square and is used to mark a dynamic transition between the flexible plaza space on one side and quieter rain garden areas on the other.

- Client:** Countryside Properties
- Garden designer:** PLACE Design + Planning Ltd
- Clay paver:** SeptimA Noblesse, DecimA Noblesse, Ancienne Belgique Lava and Camel mix
- Processing:** stretcher bond
- Photos:** © PLACE Design + Planning Ltd



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