



living walls

**Koberg**  
urbanruralism

# Welcome

**urban**, adj. [*ûr'ban*] relating to a city or city life; from Latin **urbanus** from urbs 'city'.

**ruralist**, n. [*rur'a-list*] an advocate of rural living; from Latin **ruralis** from rus 'country'.

**urban ruralism**, n. balancing the urban and the rural in harmony, the equilibrium of urbania and rurality, bringing the two extremes together to make a single statement.





# Our vision



from nature we love creating our walls  
for office, home, arena and malls  
everything we do is done with passion  
not gone in a minute like some new fashion  
but long term commitment to all our clients  
we build our business on trust and reliance



# Our mission



Our mission is to deliver a simple, quality and effective solution to the ecological requirements of today in an environmentally and socially responsible way.

## **Simple**

A modular system and quick installation procedure.

## **Quality**

Proven brand, bespoke design service and a 10 year warranty.

## **Effective**

Instant coverage on the day of installation.



# Our values

A vertical garden with various plants and flowers growing on a concrete wall. The plants include tall purple flowers, red flowers, and green foliage. The wall is made of concrete and has a modern, industrial look.

## **Honesty**

Honesty, loyalty and trust are and will be placed above all else, as they are the starting blocks in every successful relationship.

## **Response**

We understand that there is no time like the present in our business journey. We set tight deadlines and aggressive challenges and push ourselves hard to achieve them. Any enquiry will be dealt with quickly and with understanding.

## **Teamwork**

We understand that teams develop direction, momentum and commitment by working to shape a meaningful purpose. We recognise that individuals have different strengths that, when blended together, create a powerful drive.

## **Ownership**

We firmly believe in investing in people. Each employee can and must make a difference, and deserves to be listened too and treated fairly and with respect.

## **Support**

The concept of support includes help, assistance and provision. To assist with your success, we believe in going the extra distance, and will provide a high level of technical support to all our clients – both existing and potential.

## **Delivery**

We recognise the importance of time. Steps will be taken to deliver quality products every time, on time.



# where there's a wall there's a way

We are Europe's leading provider of Living Walls. Using our patented modular system - ANS Living Wall System™ - we offer the complete solution: design, manufacture, establishment, installation and on-going maintenance.



## Bringing art to life as never before



GE and the National Gallery have collaborated to grow the first living masterpiece. Our commitment to the environment also extends inside this building by helping reduce its carbon footprint. It's what we like to call ecomagination.

# Archi-texture

**The first time a painting has ever been turned into a Living Wall.**

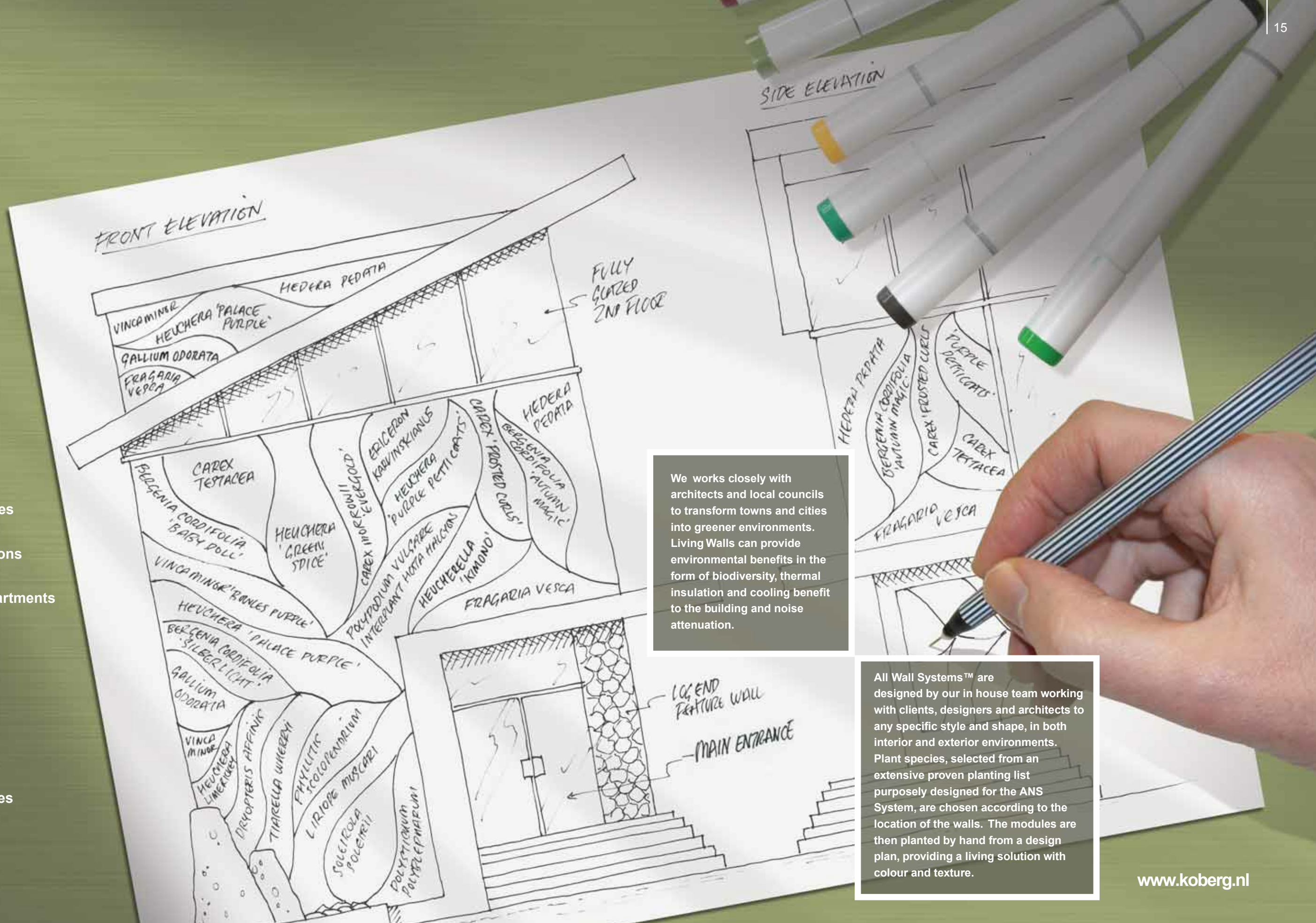
This wall has been designed to bring a masterpiece to life. One of Van Gogh's famous paintings, 'A Wheatfield', was depicted in plants. The true painting can be seen within the National Gallery. 640 modules were grown, using over 8000 plants of varying species.

The artwork was created by hand-planting each plant into the modules, using a numbered drawing. The modules were grown on our nurseries in Aldingbourne, hung vertically to establish and then dispatched. Due to the very tight deadline on the project, the whole installation took three days to complete.



# Hundreds of Living Walls have been installed, which are used in many diverse environments

Hotels  
Receptions  
Architects  
Atria  
Commercial Offices  
Roof Gardens  
Events & Exhibitions  
Airports  
Government Departments  
Break Out Areas  
Showrooms  
Shopping Malls  
Councils  
Courtyards  
Universities  
Museums  
Entrances  
Schools & Colleges  
Balconies  
Restaurants  
Designers



We work closely with architects and local councils to transform towns and cities into greener environments. Living Walls can provide environmental benefits in the form of biodiversity, thermal insulation and cooling benefit to the building and noise attenuation.

All Wall Systems™ are designed by our in house team working with clients, designers and architects to any specific style and shape, in both interior and exterior environments. Plant species, selected from an extensive proven planting list purposely designed for the ANS System, are chosen according to the location of the walls. The modules are then planted by hand from a design plan, providing a living solution with colour and texture.



# living for the city

UP THERE HIGH IN THE SKIES  
 CONCRETE MONSTERS FILL MY EYES  
 HOW DRAB THE SLABS WITH LIFELESS STARES  
 THEIR VIRTUAL CRY OF WHO ON EARTH CARES  
 THESE FINGERS OF BRICK AND GLASS AND STEEL  
 POINTING UP AS IF TO APPEAL  
 TURN US INTO ORGANIC TOWERS  
 ADORN US NOW WITH BEAUTIFUL FLOWERS  
 DON'T GIVE THE GIANTS A LOOK OF PITY  
 LET THEM BREATHE LIFE INTO THE CITY



aspired to create a living wall solution that replicated nature as closely as possible and had to be a 'cradle to cradle' system. And so was born The ANS Living Wall System™ : 100% recycled material incorporating organically grown media and backed by our 10 year comprehensive warranty.

This proven modular system can be built up and around any structure, to any size - a living work of art professionally designed and delivered to site fully planted to give instant full impact.

The system incorporates a fully automatic irrigation system to allow every area of the wall the correct amount of water.



Living Walls have the capacity to provide sound insulation for buildings, and absorb surrounding noise. They beautify otherwise barren eyesores of our cityscape and provide unique opportunities for design and creativity.

- softening of the city
- enhances image
- beautification of the landscape
- can be designed to form dramatic shadows by incorporating plants and lighting

# LIVING WALLS ECOTIST URBAN

- insulating properties
- longer life facades
- enhances property value
- fire resistance
- protects from elements of rain and wind damage

## ROOTS TO THE CITY

On-going watering of plants assists with reducing global warming, through an increase in evaporation levels and a higher transfer of solar energy.

# LIFE CRADLE TO STYLE TREES

- biodiversity in the urban area habitats, breeding and nesting possibilities
- offsets carbon footprint
- air purification
- can be included in the BREEAM rating
- lowers the heat island effect in the urban area
- recyclable
- utilises rain water harvesting
- reduces smog from traffic fumes
- provides protection for flora and fauna

## CRADLE

Rain water can be harvested and easily re-absorbed. Soils and plants have absorption properties that traditional building materials do not have.

# THE NEW CITY OF CULTURE BREATH

## LET THE CITY LIVE & BREATHE

# URBAN RURALISM

## LIVING FOR THE CITY THE NEW URBAN HORIZON

- colourful
- bespoke designs
- personalised logos
- educational
- can be incorporated with other wall cladding

Plants help to add oxygen to the air therefore reducing industrial smog, and the planting helps to cool the ambient air temperature. Movement, colour, sound and texture of plants add to the overall health and well being of citizens.

Habitat preservation and protection of flora and fauna, as buildings in urban areas can still have a rural haven and contribute to preserving biological diversity. Increased urban habitat for song birds and butterflies.





# outsidein

urban place is where they serve  
alive to form the perfect curve

[www.koberg.nl](http://www.koberg.nl)



# upstairs downstairs

the new direction in  
city landscaping  
a lift to all floors

hotel motel, urban king  
these living walls are the inn thing







gastro, pesto, haute cuisine  
urban eating touch of green

## haute cuisine... greens with everything.

Create an ambience that gives back what was once removed.  
Bring rurality to whatever you innovate.  
Let urbania live and breathe plantatia and create  
the perfect equilibrium.  
Love steel, love chrome, love wood... now add the vital ingredient.





# Plantfood

a wall so tall to set the mood  
enchancing plants for simply food

The wall at the M&S store in Norwich was designed to blend in with the existing open space to the rear of the church and increase the visual drama of the urban landscape. 152 square metres of wall was covered with species indigenous to the local area. The range of plants selected comprised 11 different varieties which flower at different times of the year, hence the wall will visibly change through the seasons.



take time out, call in here  
enjoy good chat and atmosphere  
aroma derived from coffee bean  
a living wall there to be seen







who says the garden  
belongs outside?  
bring it in.

At last the outside world fuses  
with indoor life.  
It's the new wallpaper. The new  
way to decorate.  
Green goes with everything. And  
each day it'll look a little different  
as it breathes life into the home.  
Water the walls, don't emulsion.  
Create a picture that's unique.  
And put your signature on it.  
**A sense of belonging.**





# outward bound

this peaceful zone so rarely found  
this urban place so outward bound



Gentle streams drop to a pond  
plants so green adorned with frond  
and sat behind the waterfall  
the beauty of the living wall

# Green turns to gold

at the Chelsea Flower Show

*"This design is inspired by the winding jungle streams and rich traditional architecture of the Malaysian archipelago. The layout captures the sinuous movement of a brown limestone riverbed, carved out by a slowly moving stream, leaving pebbled deposits along the naturally planted terraces".*



# transformations making urban





# transformations making urban rural





# planning

The Living Wall production begins at our nurseries. Here the modules are hand planted by our team of horticulturists, and remain on our nurseries to give time to allow the planting to become fully established. This is very important to ensure the longevity of the wall. Once they are ready for installation, they are transported to site on a trolley system for protection of the plants. The wall is then assembled by one of our dedicated installation teams.







# nature's way



## The Body Shop has it mapped out.

Another very interesting internal living wall.

This was installed for the Body Shop group in the Westfield (Stratford) complex.

Due to the nature of the store, a living wall depicting a world map was requested. *Soleirolia soleirolii* was used for the 'sea' – a number of herbs and other plants formed the countries. The wall is divided by the shop front glass, meaning 2/3s of the wall is inside the shop and 1/3 is outside. Each country contains native species of plants, which then corresponds with the line of natural products in the shop. Plants are regularly replaced to keep up with the changing product lines.





urban build could mean the end  
to our fine little feathered friend  
so to give them all a place to rest  
we've built in places to nest



# ecological

## the story of the birds and bees

One of the key features of a living wall is providing habitat for urban wildlife. A large number of animal species are happy to live in urban areas if a suitable habitat can be found. Habitat boxes coupled with carefully chosen plant species, can create fantastic roosting/nesting places for birds and hibernation opportunities for insects.

We are able to offer bird, bee and bat boxes, together with insect hotels fully installed into the living wall modules. Our in-house design team will work closely with you as the client to ensure the nesting boxes are installed on the right elevation and that the correct dimension of box is used for the bird species.

All habitat boxes are manufactured from sustainable FSC timber and have extremely good insulation properties, making them warm in winter and cool in summer. None of the nesting boxes have decorations that predators could cling to and threaten the birds inside.



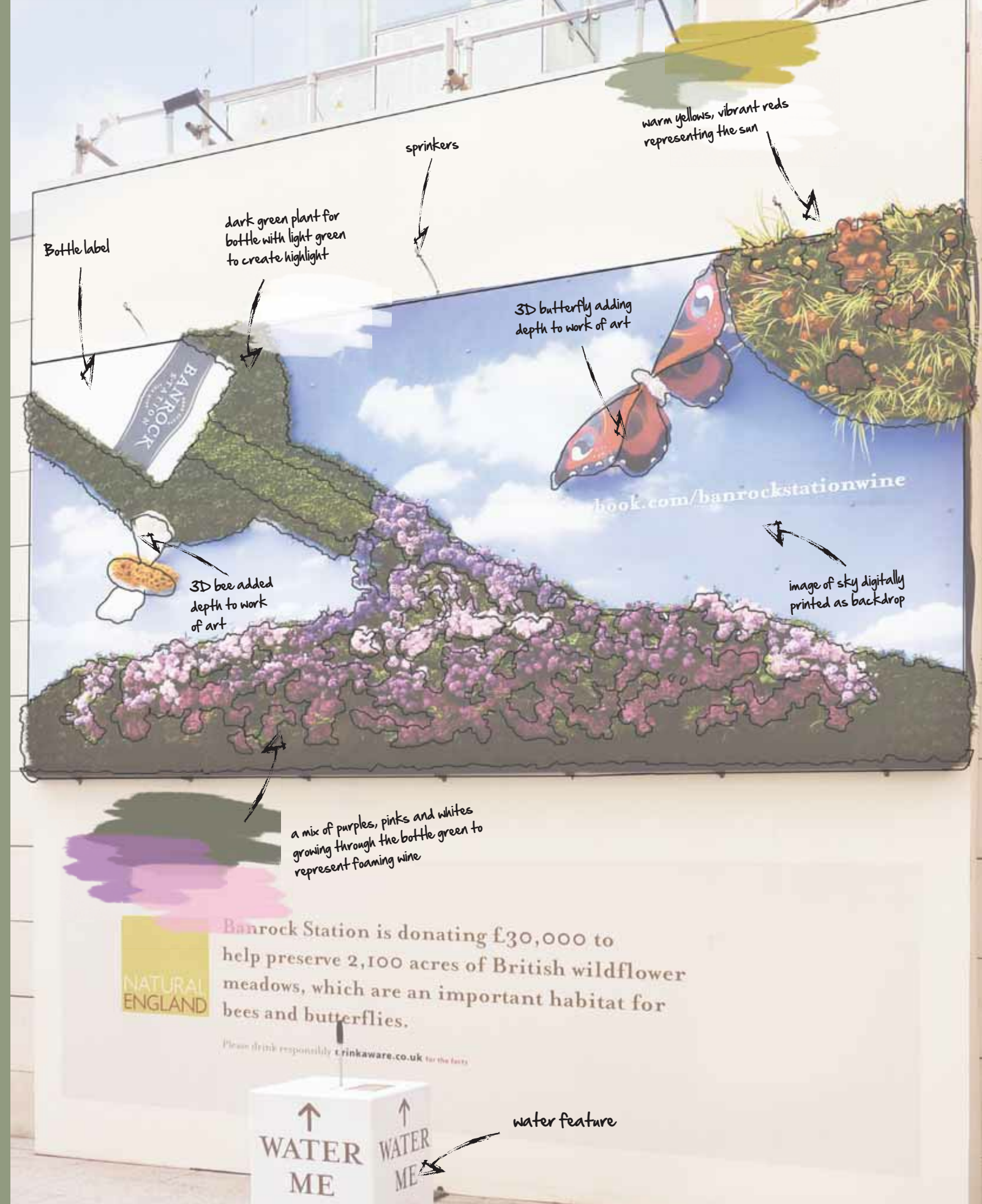


# vino verde

# pavementart

The world's first living billboard was successfully installed at the Westfield Shopping Centre, West London.

Working with us, wine company 'Banrock Station' created this superb work of art to publicise their donation of £30,000 to help preserve 2100 acres of British wildflower meadows. In place for two weeks, the billboard had an integrated pump, so that shoppers can water the floral installation!





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## Easy living.

The living screen, offers everything that you'd expect from a living wall - a fresh, healthy environment combined with a dynamic visual to complement any location it's in.

And there is no requirement for plumbing. The unit is self contained with its own water tank discretely hidden away in the base section with a fully automated irrigation system.

The living screen makes the ideal feature wall, partition wall, divider for sectioning offices, dining areas and/or communal meeting places.

Of course, should you wish to re-arrange the area, the unit is easy to reposition wherever.

Simple.





# breathing life

Base units and side panels  
can be manufactured in any  
RAL colour.  
Graphics can be applied to  
make the unit customised and  
unique.

Wherever you  
need to place a screen  
why not have it in  
living green?

## Destinations

Offices  
Board rooms  
Receptions  
Meeting areas  
Kitchens  
Restaurants  
Public houses  
Libraries  
Care homes  
Hospitals  
Gymnasiums  
Health spas  
Airports  
Public transport depots  
Corridors

## Placement

Along walls  
Office dividers/partitions  
Island sites



# freestyle



500m<sup>2</sup> have been supplied and were installed on the Aquatic Centre. After extensive research by the architects involved in the project, the Living Wall System™ was the only system that could handle the complex curves and angles of the structure.

Planted with blue moor grasses (*Sesleria Caerulea*), the design was to resemble the rippling of water. As the plants move, swathes of blue and green are created, achieving an awe-inspiring visual impact to the 'already stunning' Aquatic centre. The images shown were taken through the installation!

see the swathes of blue green pass  
created by the living grass



## livingexamples





## Eat up your greens

This is an interesting project, right in the middle of a large shopping centre in Christchurch, New Zealand. A framework was constructed, with the facility to hang modules on one side. Once installed, the back of the framework was then covered with murals etc to finish it all off.



## making an entrance



This superb interior wall was recently installed in an executive lounge at the Biggin Hill Airport. A maintenance team regularly visits the wall to carry out a health check on all planting, calibrate irrigation if needed and apply a liquid feed. This ensures the wall is always looking its best as it greets passengers!

## Dizzy heights

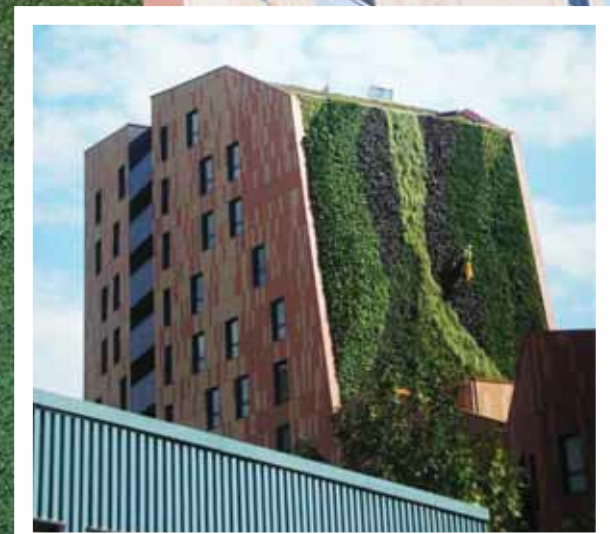


The living wall at the Network Housing Group's new affordable housing development, near Hammersmith Station (London). It stands the tallest living wall in Europe; possibly the world. Topping out at the 14th floor, the wall covers over 220m<sup>2</sup>, using over 24,600 plants.

The project won the **Estates Gazette Green Award** – Residential Development of the year.

### Maintenance visit at Digby road

When a maintenance visit is due, ANS call in the abseilers! At 13 storeys high, this method is the only realistic way of doing it! Not a job for those who suffer acrophobia.





# Growing up



## Fermoy Road, North London

Amidst the dust and traffic of busy North London, a vertical landscape has been installed at the end of a 5 storey residential block of flats. The vertical landscape helps reduce the noise levels of city traffic, thereby creating a welcoming environment for the residents.

# A flight of fancy

## Heathrow Airport

**Heathrow goes green!** The Living Wall was installed in the No 1 Traveller Lounge at Heathrow Airport Terminal 3, replicating the wall ANS had already installed in their lounge at North Terminal, Gatwick Airport. Choose your airport; inspect a wall!



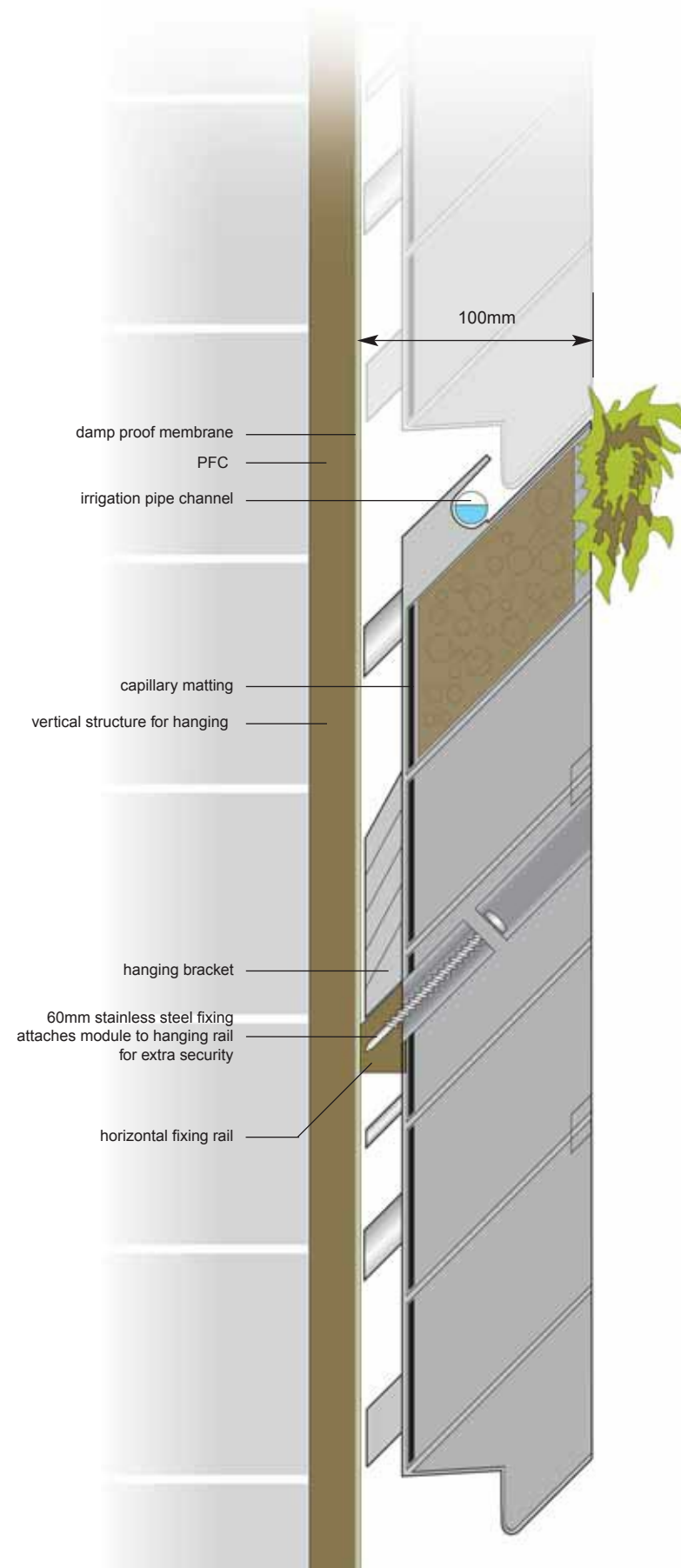
# Ecology meets economy

**The London School of Economics realised the ecological benefits of installing a living wall on its property.**

A superb location was found on the 4th floor terrace area, which is viewed by over 9000 students.



## The science bit

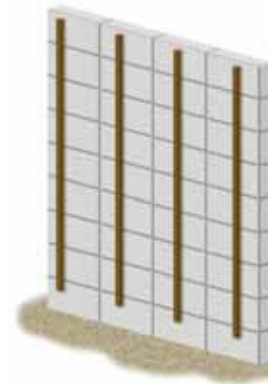


1



Indicative existing structure

2



FSC pressure treated softwood battens fixed to existing structure at 250mm centres

3



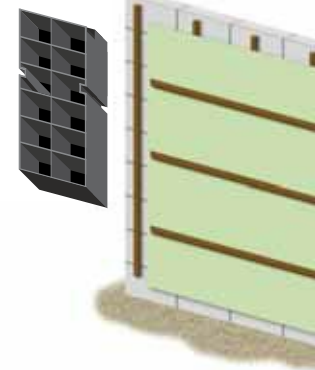
Waterproof membrane

4



ANS fixing rails fixed to surfaces at 500mm centres

5



pre-planted before installation

6



7



fitted to fixing rails

8



9



16mm diam. pipework with inline pressure compensated emitters at 125mm centres

10



ANS living wall module build up

11



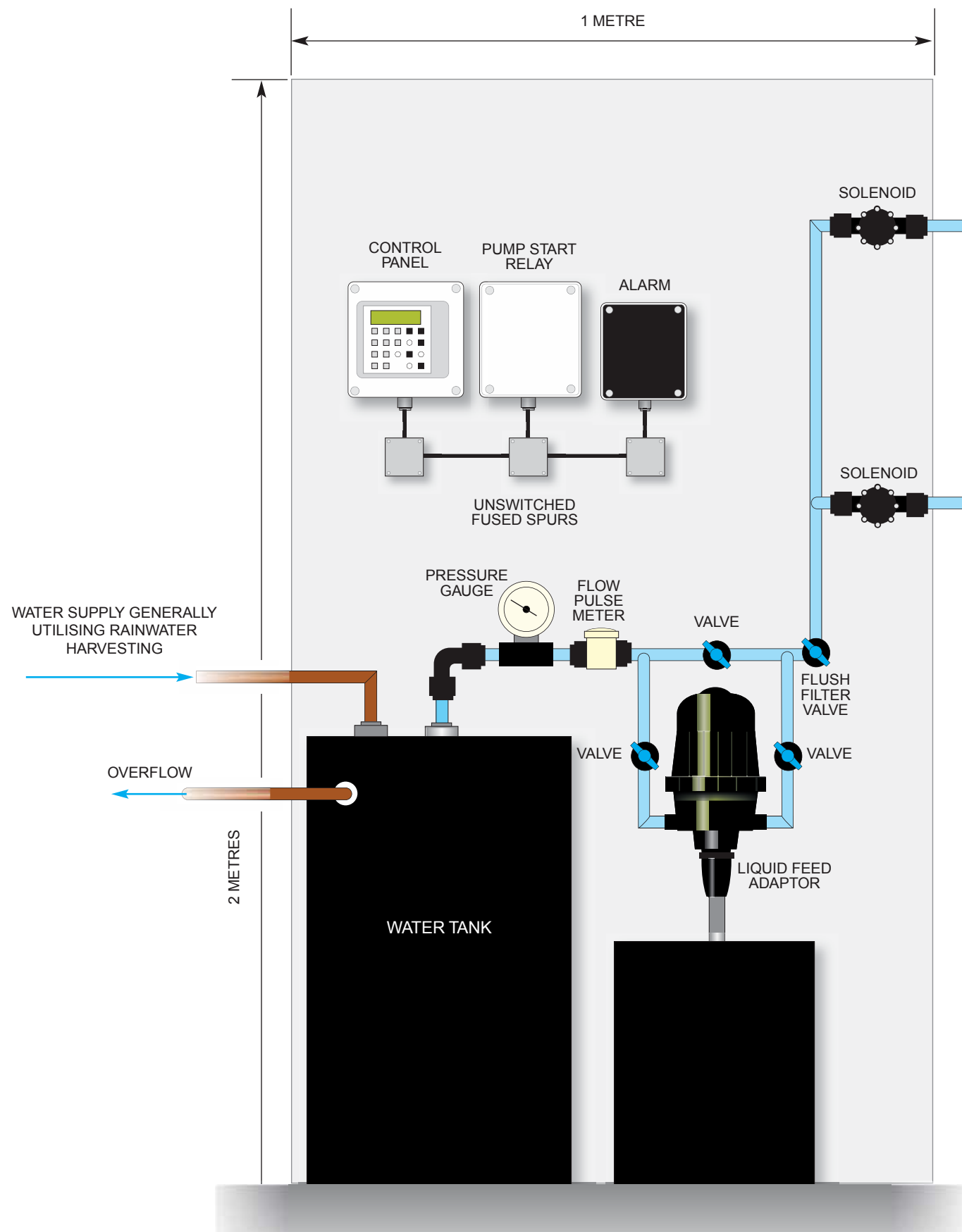
12



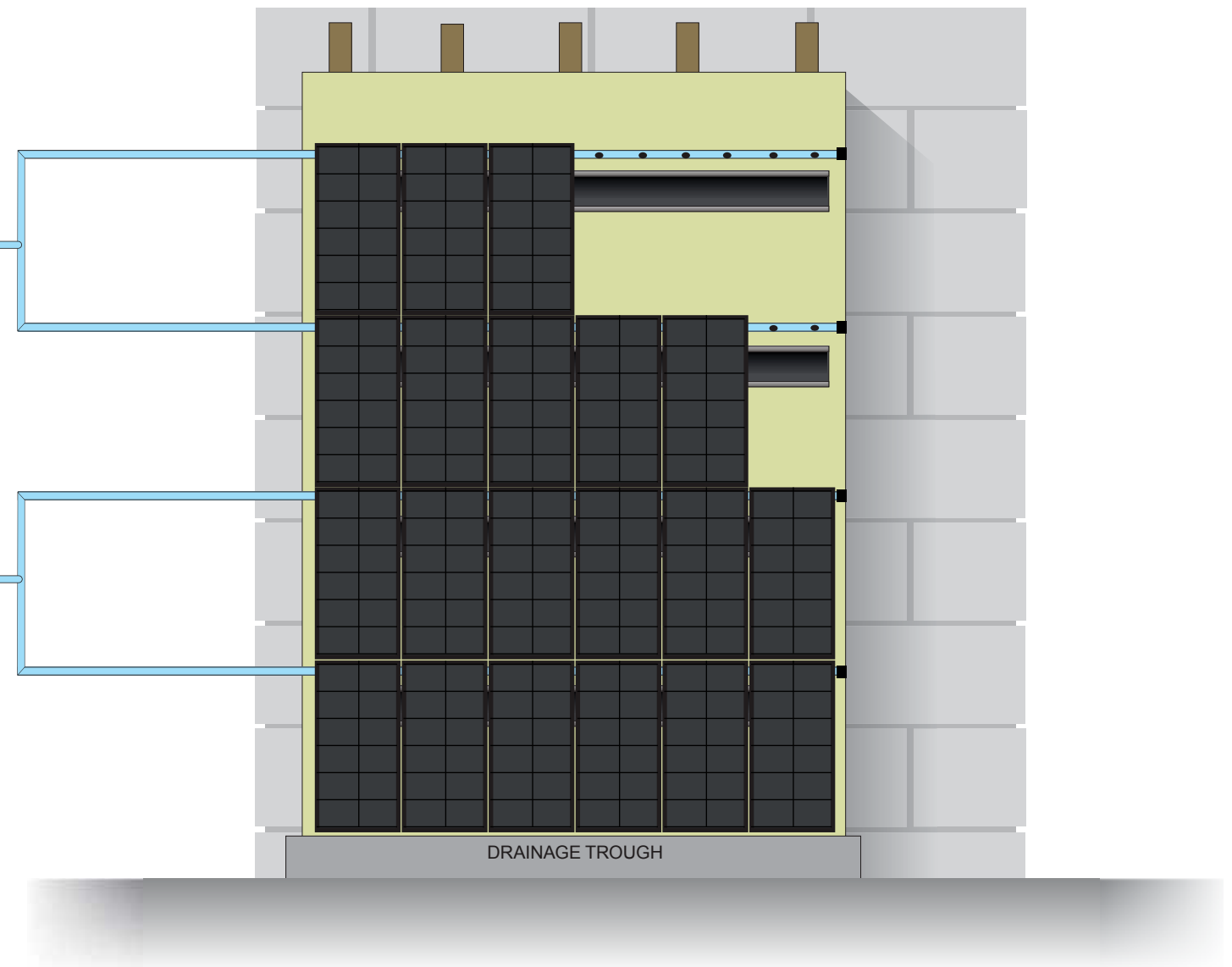
Drainage channel



## IRRIGATION SYSTEM



## LIVING WALL











# Koberg living walls

The Living Wall System™