



Portfolio

Sally Chandler

Graduate December 2023

KLC School of Design

Part Time Diploma in Garden Design

contents



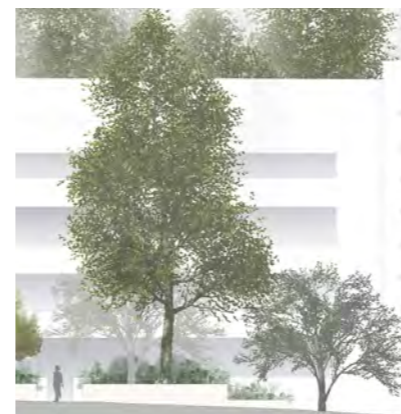
page 3
CV & profile



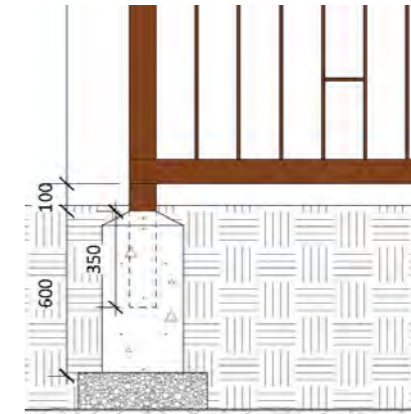
page 4-7 :
visuals
residential garden,
Twickenham, London



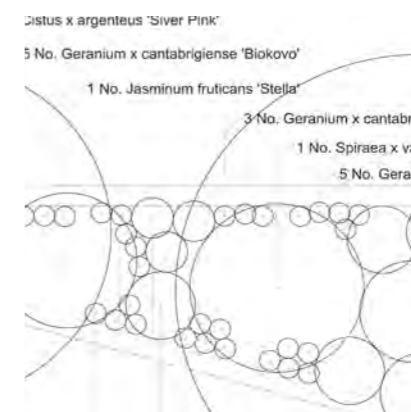
page 8-13:
masterplan and visuals
Priory School
Lewes, East Sussex



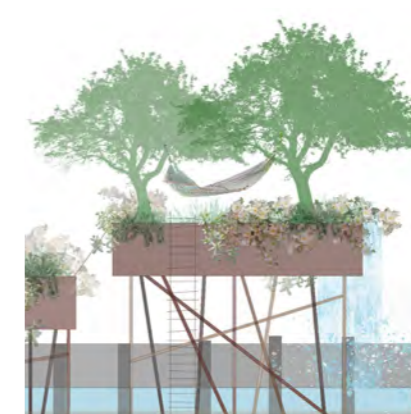
page 14-17 :
masterplan and visuals
The Isokon Building
Hampstead, London



page 18-22
technical drawings



page 23-25 :
planting plans
and schedules



page 26 :
a concept garden for
RHS Hampton Court

profile

Having worked as a horticulturist for nearly two decades, I believe I have a feel and understanding for landscape, gardens, nature and plants that comes from working with them throughout the seasons and over time. The work has given me a great appreciation of ecosystems, the delicate balance of the natural world and our place in it.

For twelve years I worked as a gardener at Beth Chatto Gardens which gave me great lessons in how plants respond and thrive if given the right opportunity to do so. People's positive responses to a thriving natural environment is always a pleasure for me to witness, and I would very much like to be part of a team that produces designs that can enhance people's lives this way.

My strength is in designing spaces that are for people, but led by the place; they are informed by my knowledge and love of plants, and how these fit into and enhance this sense of place. However, I feel that gardens, the materials used to build them and the plants going into them, have to not only work for people but also become a useful part the natural world, and I would like to make sustainable, resilient, healthy gardens with this in mind.

The skills I have gained at KLC this past year include spatial design, planting design and the basics of construction.

I am very pleased to say that I have graduated from KLC in 2023 with distinction.

- Vectorworks
- Sketch-up
- Photoshop and InDesign
- excellent plant knowledge
- an good understanding of horticultural practices
- a creative/fine arts background



CV

Horticulture related employment

Gardener
Eldred House, Colchester
May 2023 - present

Garden Team Lead
Beth Chatto Gardens, Colchester
May 2011 - April 2023

Gardener
Queen Mary's Gardens, Regent's Park, London
April 2004 - May 2011

Education and qualifications

Diploma in Garden Design
KLC School of Design
Distinction; Jan - Dec 2023 p/t

Level 3 RHS Certificate in the Principles of Plant Growth,
Health and Applied Propagation
Beth Chatto Gardens, Colchester
2021

Level 3 RHS Certificate in the Principles of
Garden Planning, Construction and Planting
Beth Chatto Gardens, Colchester
2017

Certificate of Landscape Design
School of Architecture and Construction,
Greenwich University, London
Pass with Commendation; 2009

B.A., Fine Art and Related Arts: (CNA)
West Sussex Institute of Higher Education, Chichester
2.2 Honours 1992

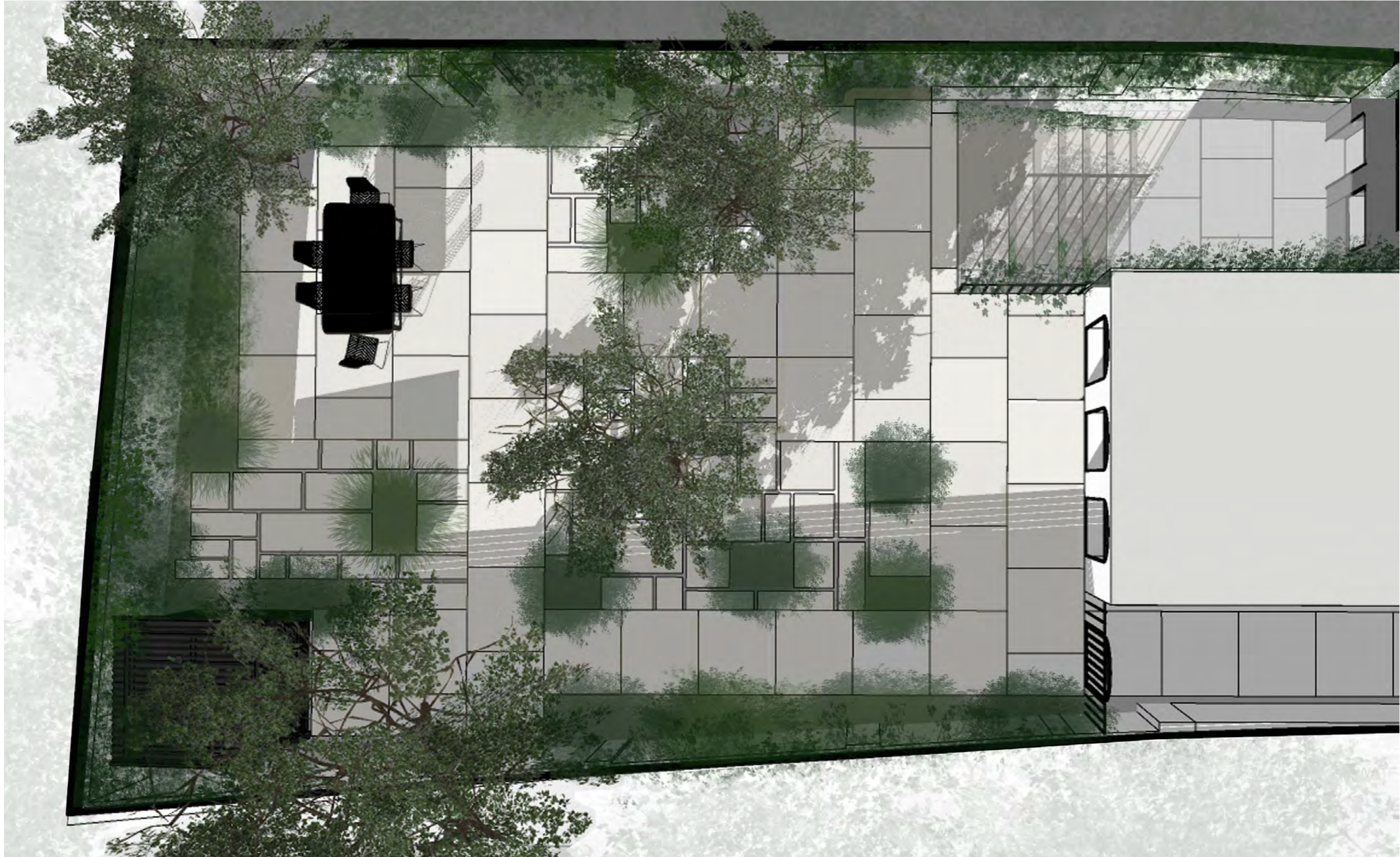
a family house, London

Iran, an orchard and
an Edwardian villa



residential garden : urban Edwardian villa : top plan

scaled drawing: vectorworks; 3D: sketchup; rendering: sketchup, photoshop



the brief:

A young family would like an easy garden for adults to entertain in, and for the two young girls to play in. Easy-to-access storage for bikes and toys, and new access from the basement office directly into the garden.

residential garden : urban Edwardian villa : the view from the kitchen

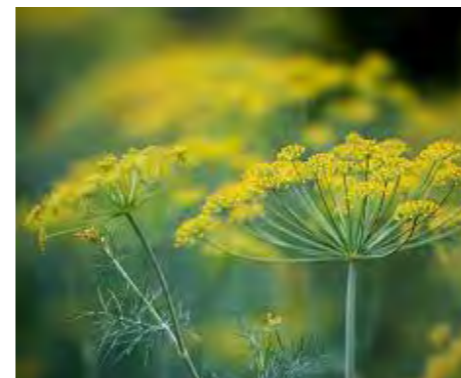
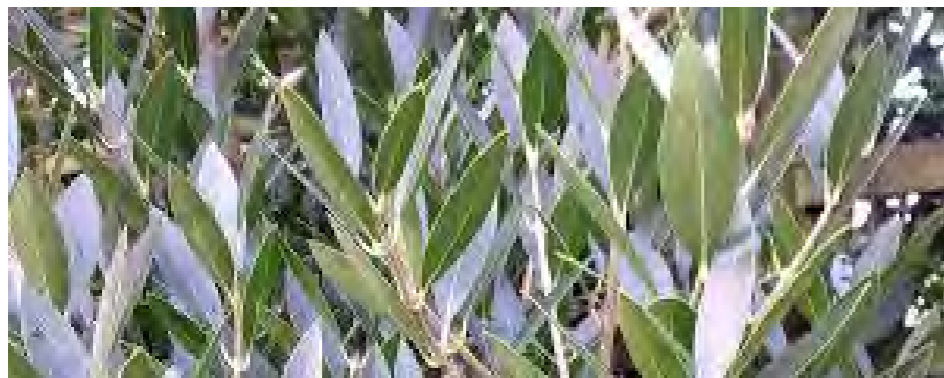
scaled drawing: vectorworks; 3D: sketchup; rendering: sketchup, photoshop



the response:

The atmosphere is of a courtyard garden with an Iranian influence in the plant choice. An existing *Quercus ilex* provides shade, while three new *Cydonia oblonga* 'Malformis' give shade, spring blossom and yellow fruits. Evergreen shrubs provide a permanent structure among the ephemeral self-seeding annuals, biennials and short lived perennials populating the gaps between the reclaimed York stone paving slabs, which are laid on sand.

residential garden : urban Edwardian villa



structure:

self-seeding annuals, biennials and short-lived perennials

climbers

Cydonia oblonga 'Malformis'

Papaver somniferum

Delphinium requienii

Vitis 'Fragola'

Phillyrea rosmarinifolia

Nigella sativa

Papaver rhoeas 'Mother of Pearl'

Hedera helix

Salvia rosmarinus

Digitalis ferruginea 'Gigantea'

Smyrniium perfoliatum

Rosa damascena 'Celsiana'

Salvia officinalis 'Berggarten'

Ammi visnaga

Satureja hortensis

Clematis orientalis var. *orientalis*

Hedera helix 'Arborescens'

Digitalis purpurea

Anethum graveolens

Clematis vitalba

Priory Secondary School Lewes

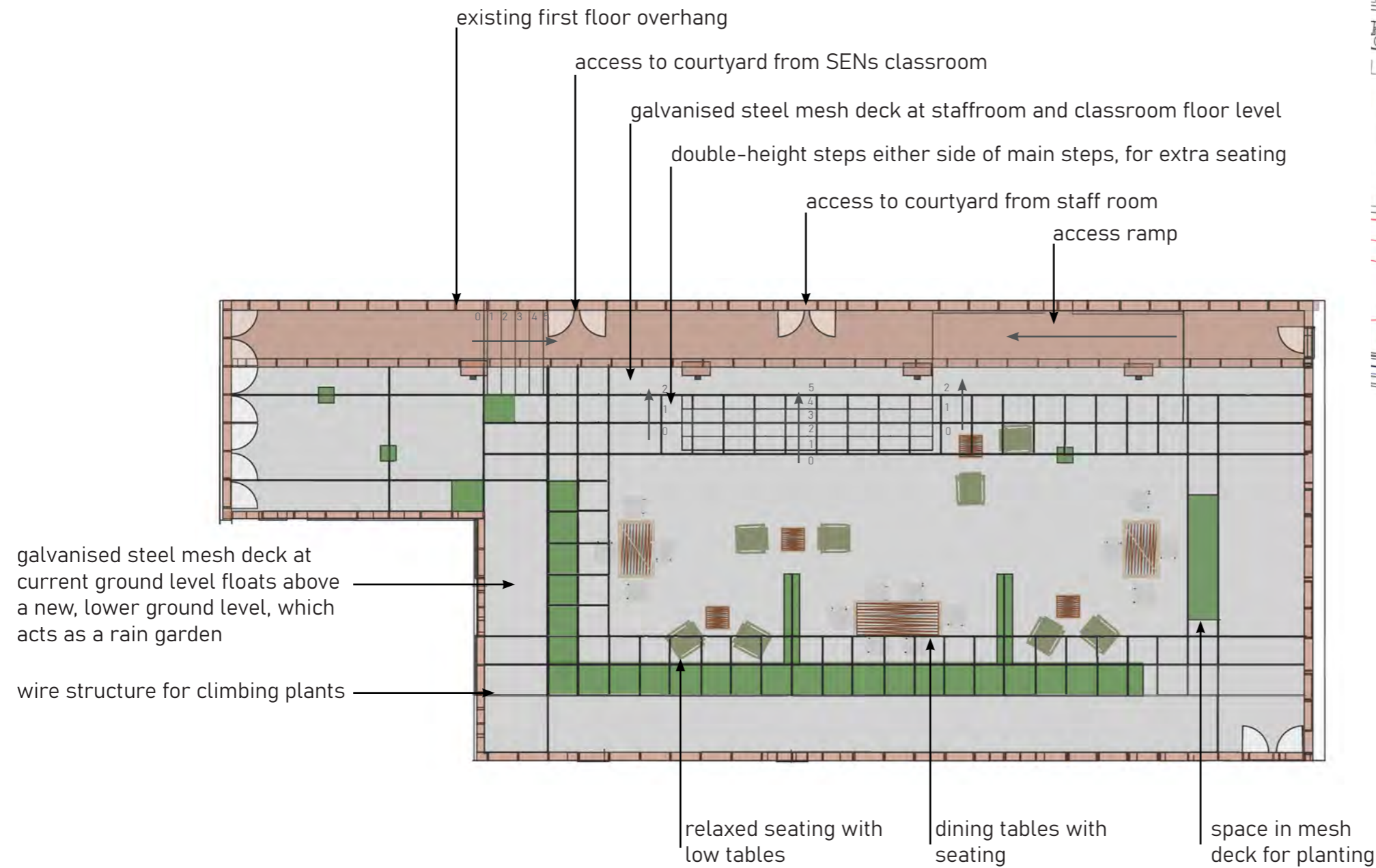


a pocket forest
the room to roam
a secluded courtyard
unexpected art in unexpected places:
all help with a sense of belonging



Priory Secondary School : masterplan : staff room inner courtyard

scaled drawing: vectorworks; 3D: sketchup; rendering: vectorworks, sketchup,



1 **Courtyard Masterplan**
Scale: 1:100

0 5 6 7 8 9 10 M



Priory Secondary School : masterplan : whole site



the brief for the courtyard area:

To address the sense of belonging at this over-subscribed secondary school in East Sussex. The school would like to restructure the inner courtyard, to which the staffroom has direct access. However, there are classroom windows on all sides looking in to the courtyard, discouraging teachers from using the space during their break times.

Priory Secondary School : visual : staff room inner courtyard

scaled drawing: vectorworks; 3D: sketchup; rendering: sketchup, photoshop

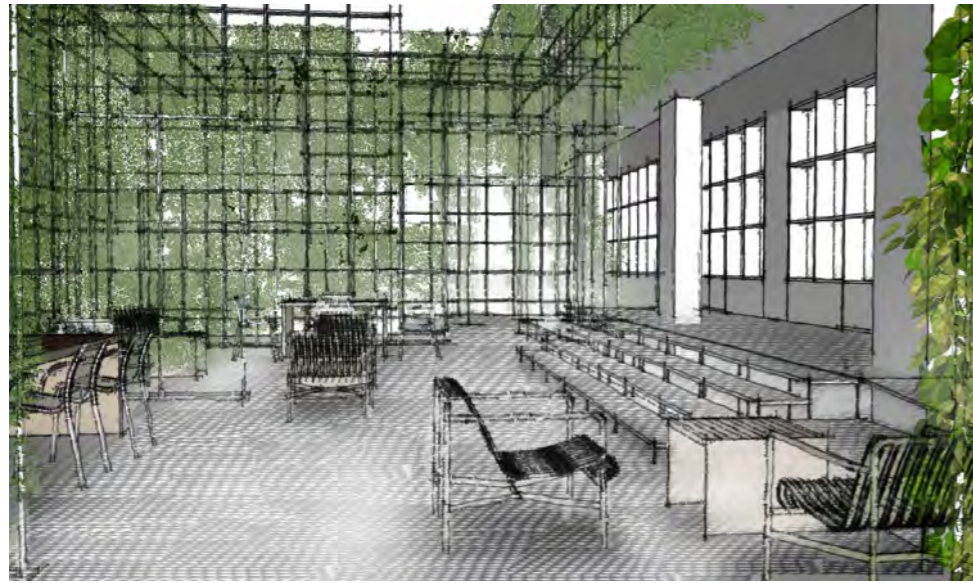


the response:

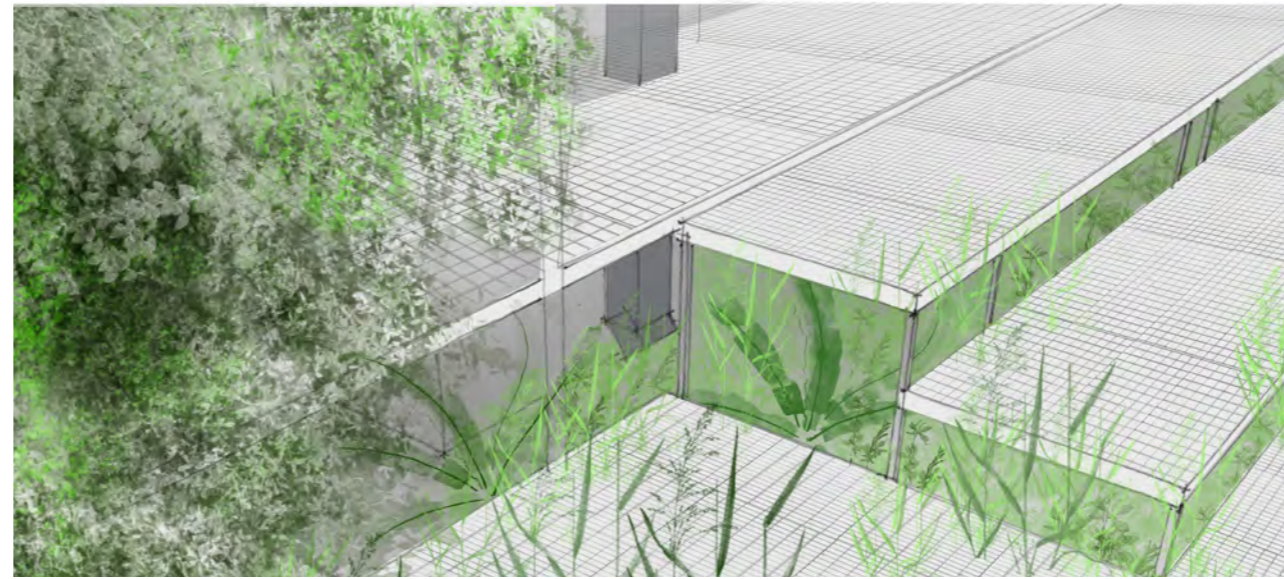
A wire structure holds climbers to screen the courtyard from the surrounding classrooms. A floating deck of galvanised steel mesh enables the footprint of the ground beneath to become a rain garden. Material from the demolition of the old courtyard is crushed and becomes the planting substrate below the floating deck.

Priory Secondary School : visuals, elevation and detail : staff room inner courtyard

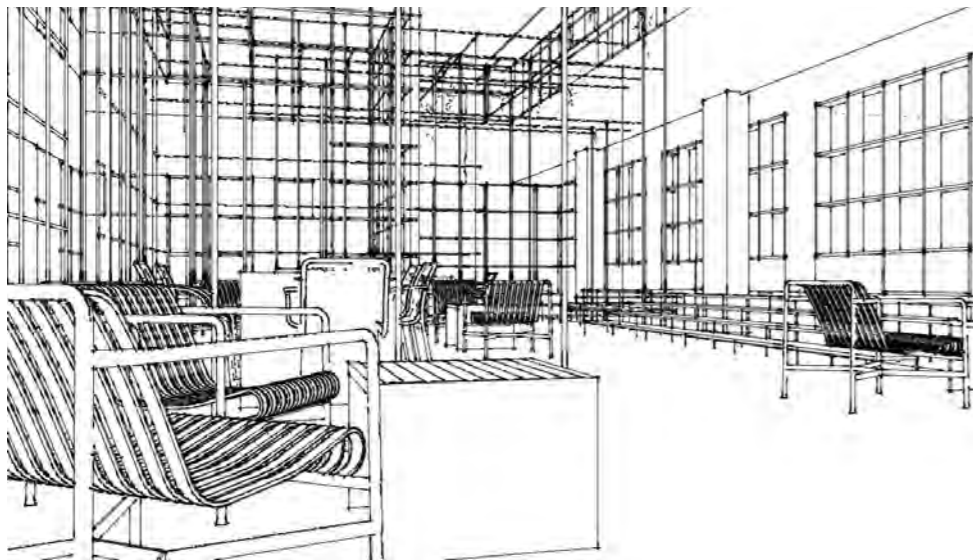
scaled drawing: vectorworks; 3D: sketchup; rendering: sketchup, photoshop



the courtyard viewed west, showing the steps from the staffroom



A galvanised steel mesh deck floats above ground level. Beneath this deck, the recycled crushed brick and concrete substrate is planted and becomes a rain-garden



a wire-frame image showing how the structure echoes the courtyard windows



a view through the staffroom windows onto the courtyard



downpipes from roof guttering feed rainwater directly to rain garden surface

the current ground level becomes a deck of galvanised steel mesh

a planting substrate of recycled crushed concrete and brick from the old courtyard mixed with sand and compost sits on top of subsoil

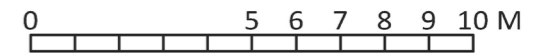
a 300mm gap between planting substrate and deck allows plants to colonise

Priory Secondary School : elevations : the quad

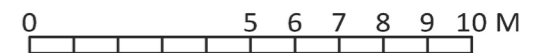
scaled drawing: vectorworks; rendering: vectorworks, photoshop



south elevation - at 20 years



north elevation - at 20 years



the brief:

To address the sense of belonging at this over-subscribed secondary school in East Sussex. This area is busy for access, but is under-utilised by the pupils. The school has a high proportion of SENs pupils, so the design should emphasise sensory experience.

the response:

With no formal paths, the design gives the pupils maximum use of the space. The plinth seating can be used in a multitude of ways by the pupils. The swinging motion of hanging bench seats relieves stress and encourages sociability. *Tilia tomentosa* 'Brabant' and *Pyrus nivalis* were chosen for drought and chalk tolerance, attractiveness to wildlife, and their connection to the surrounding area.

Priory Secondary School: visuals : the quad

scaled drawing: vectorworks; 3D: vectorworks; rendering: vectorworks and photoshop



an orthoganal view shows the quad at 10 years



a different view shows the quad at 20 years

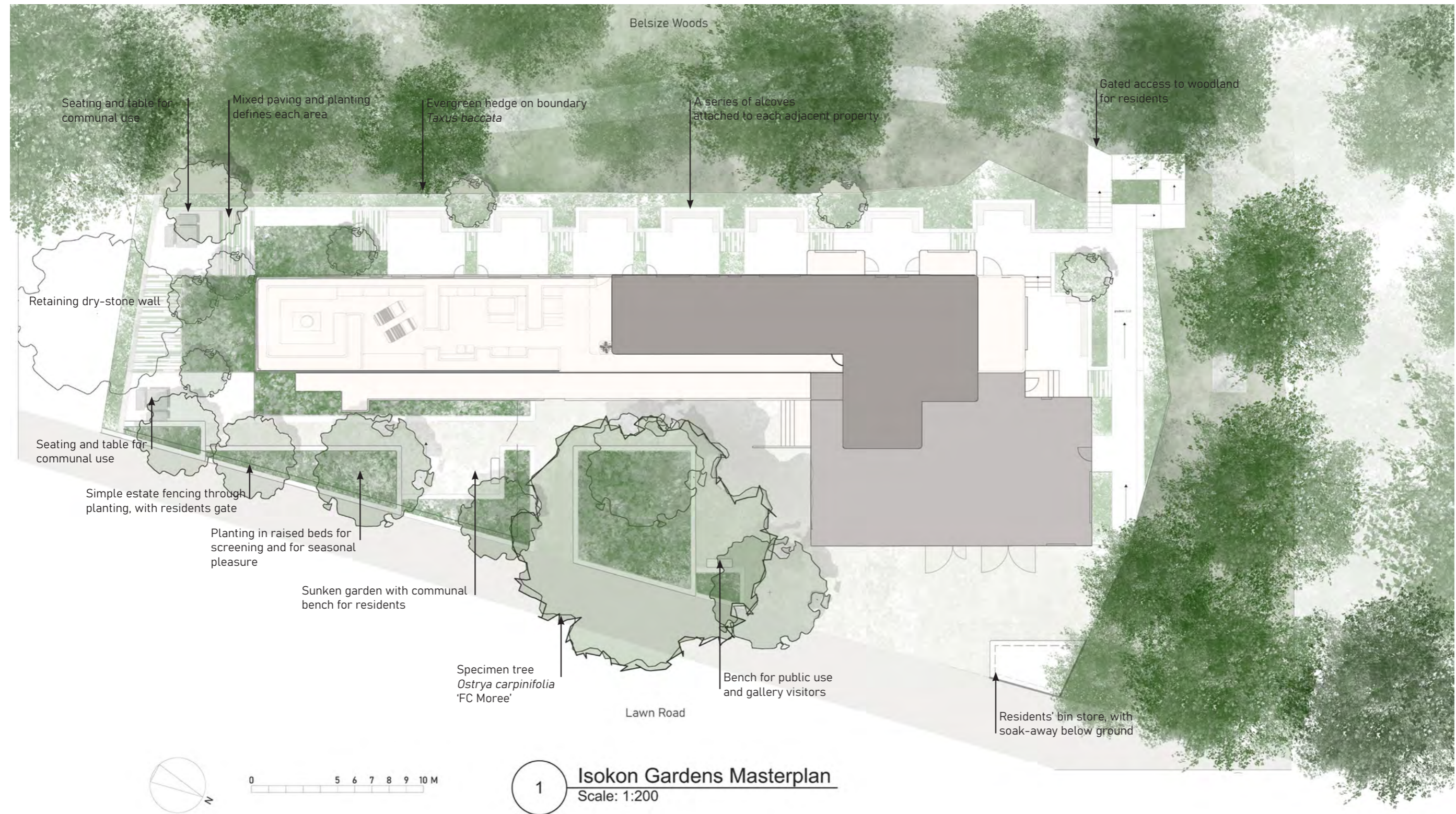
Isokon Gardens

seclusion and sociability
in a communal garden



The Isokon Building : masterplan

scaled drawing: vectorworks; rendering: vectorworks, photoshop



the brief:

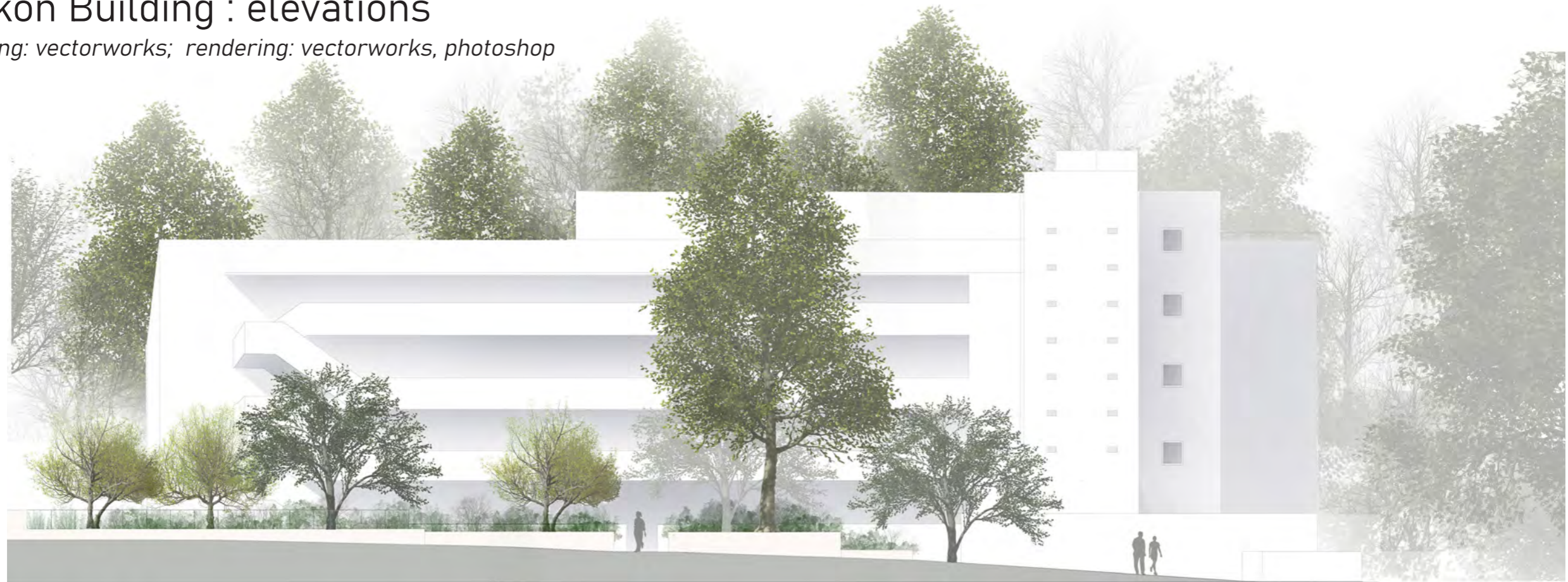
To update and expand the communal spaces around the this modernist apartment block that includes a public gallery on the ground floor; to re-design the roof terrace for the resident-owner of the penthouse; and to create an entrance for use by the residents into publicly-owned Belsize Woods.

the response:

The design defines individual spaces while leaving room for flexibility of use. This allows residents to use their space as they would like. Further communal seating areas to the south and a sunken garden at the front give more outside space for the residents to use than before. The use of natural materials and building methods adds texture and crevices for insect habitats. The planting was chosen for resilience, wildlife, and human enjoyment.

The Isokon Building : elevations

scaled drawing: vectorworks; rendering: vectorworks, photoshop



north-south elevation - early summer



north-south elevation - late winter

trees : *Ostrya carpinifolia* 'FC Moree', *Crataegus persimilis* 'Prunifolia Splendens', *Cornus mas*. Chosen for resilience, wildlife and seasonal interest.

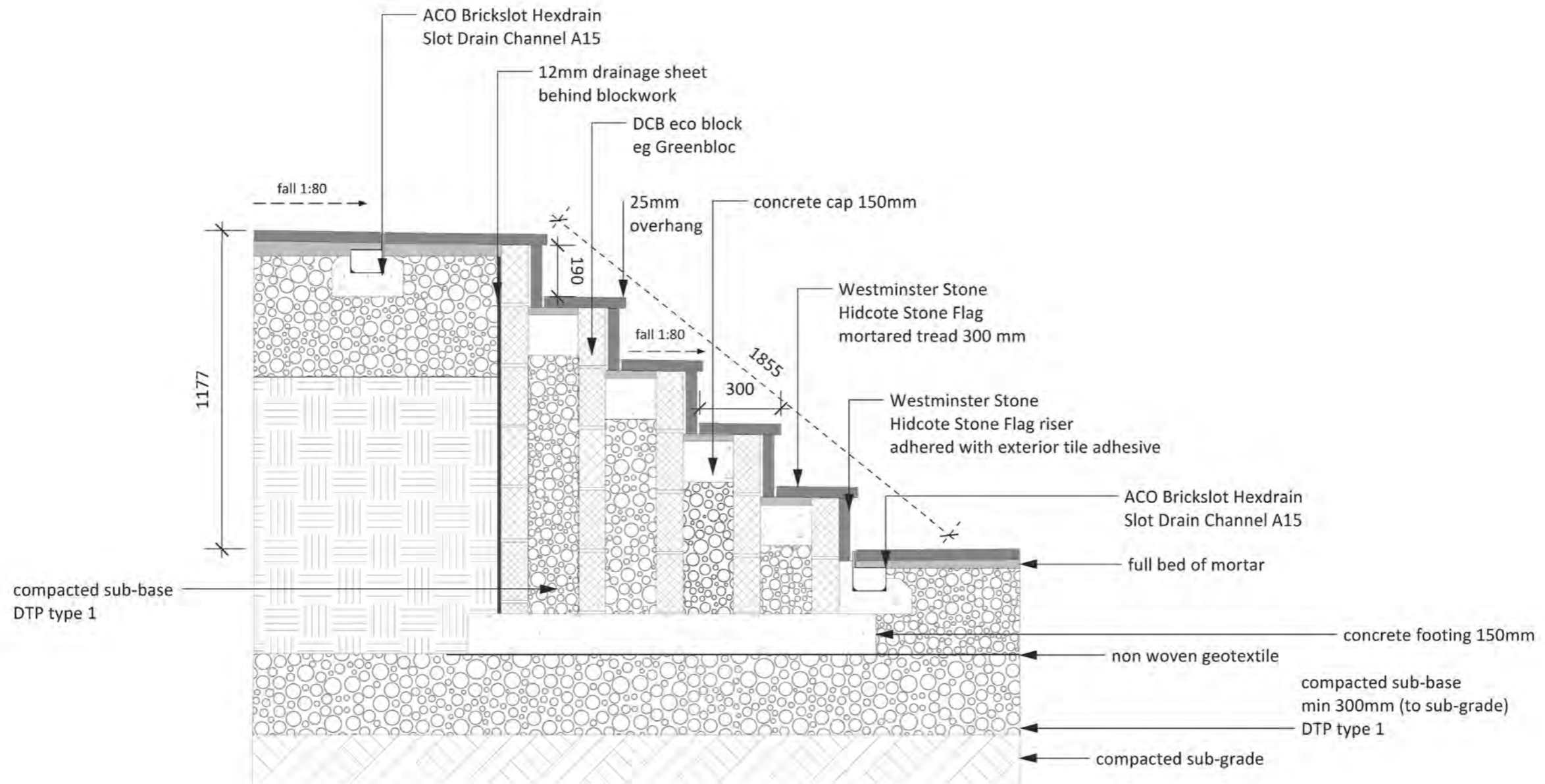
The Isokon Building : east-west elevation

scaled drawing: vectorworks; rendering: vectorworks, photoshop

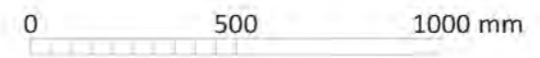


construction drawings

scaled drawing: vectorworks

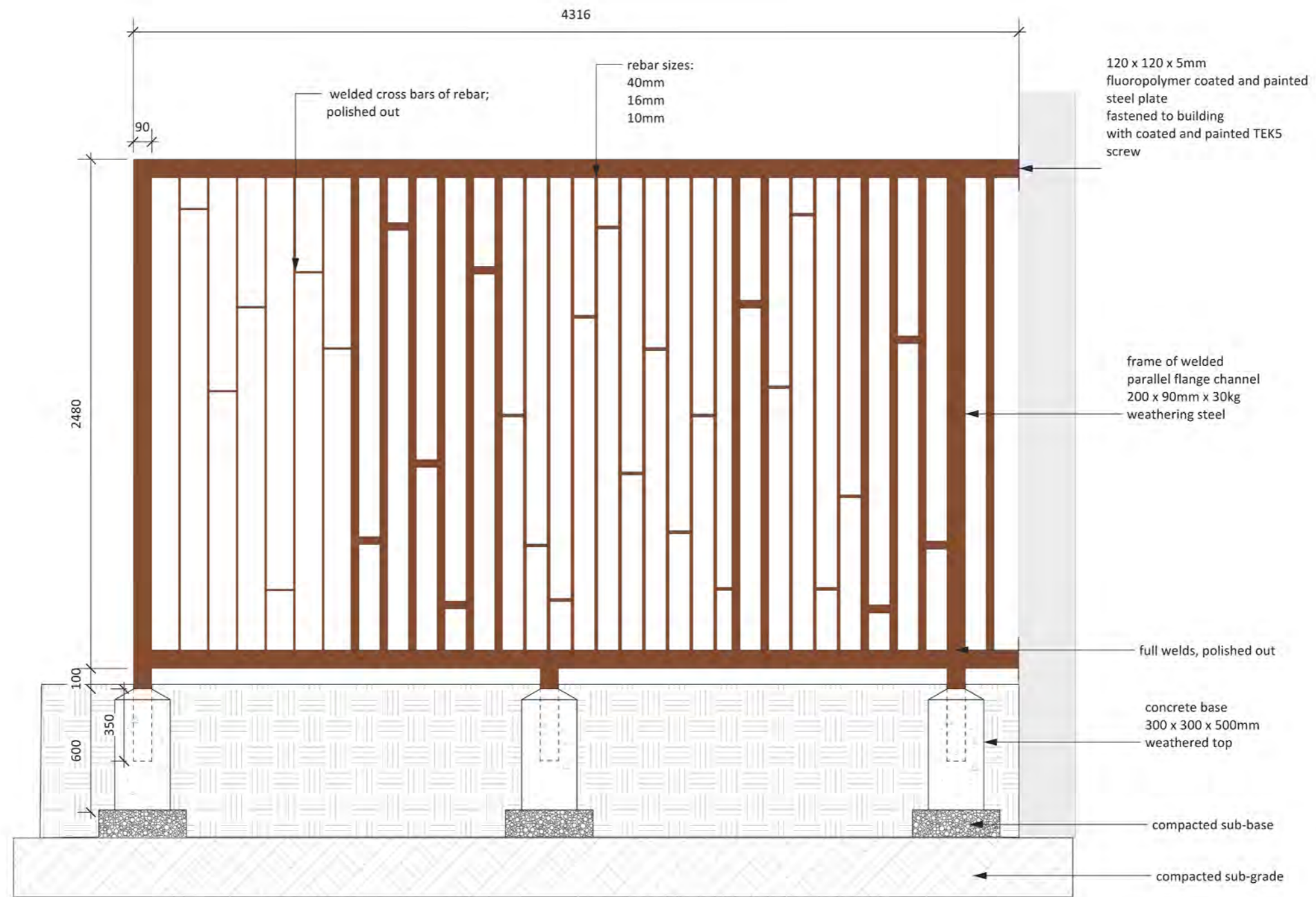


1 Recessed Garden Steps Section
Scale: 1:20



construction drawings

scaled drawing: vectorworks

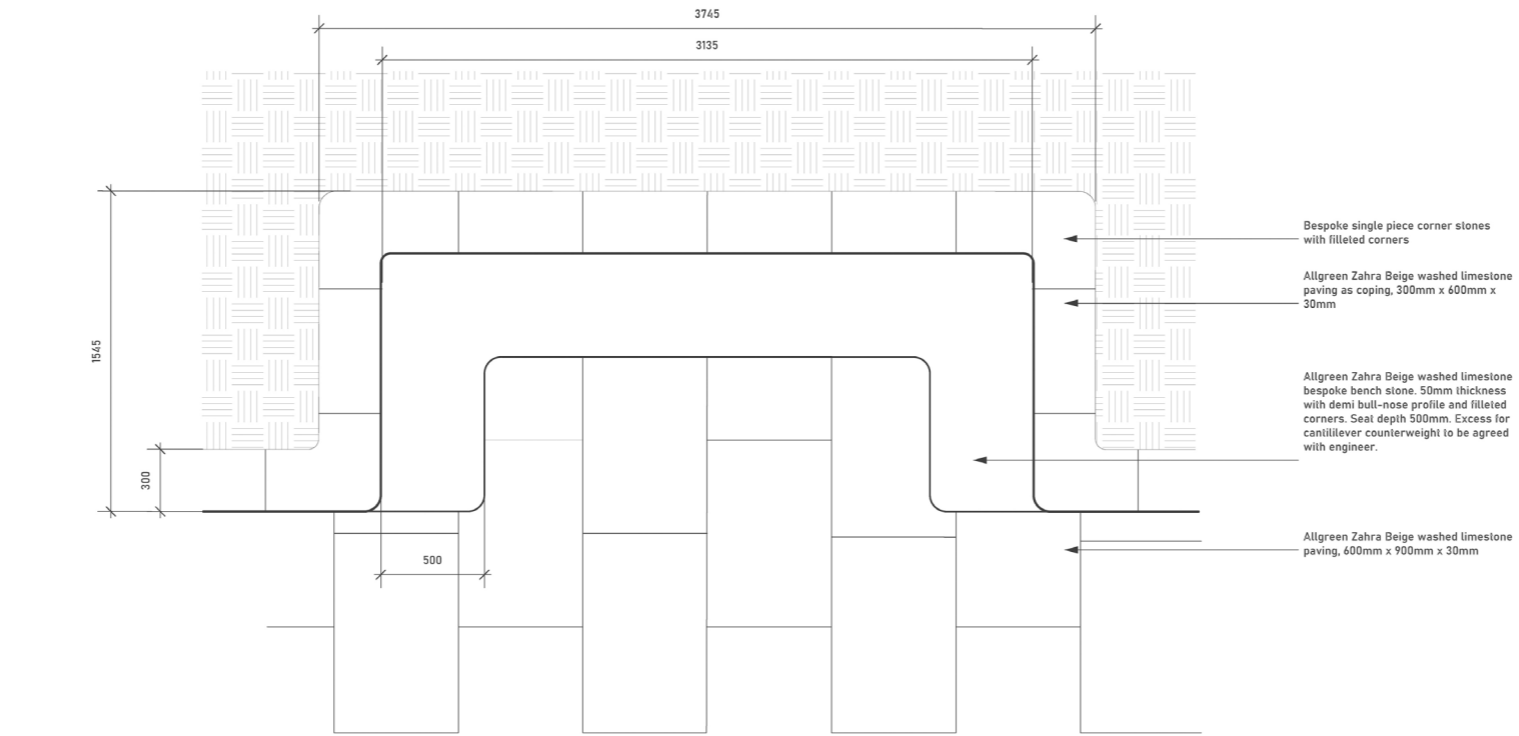


2 Screen Section
Scale: 1:20

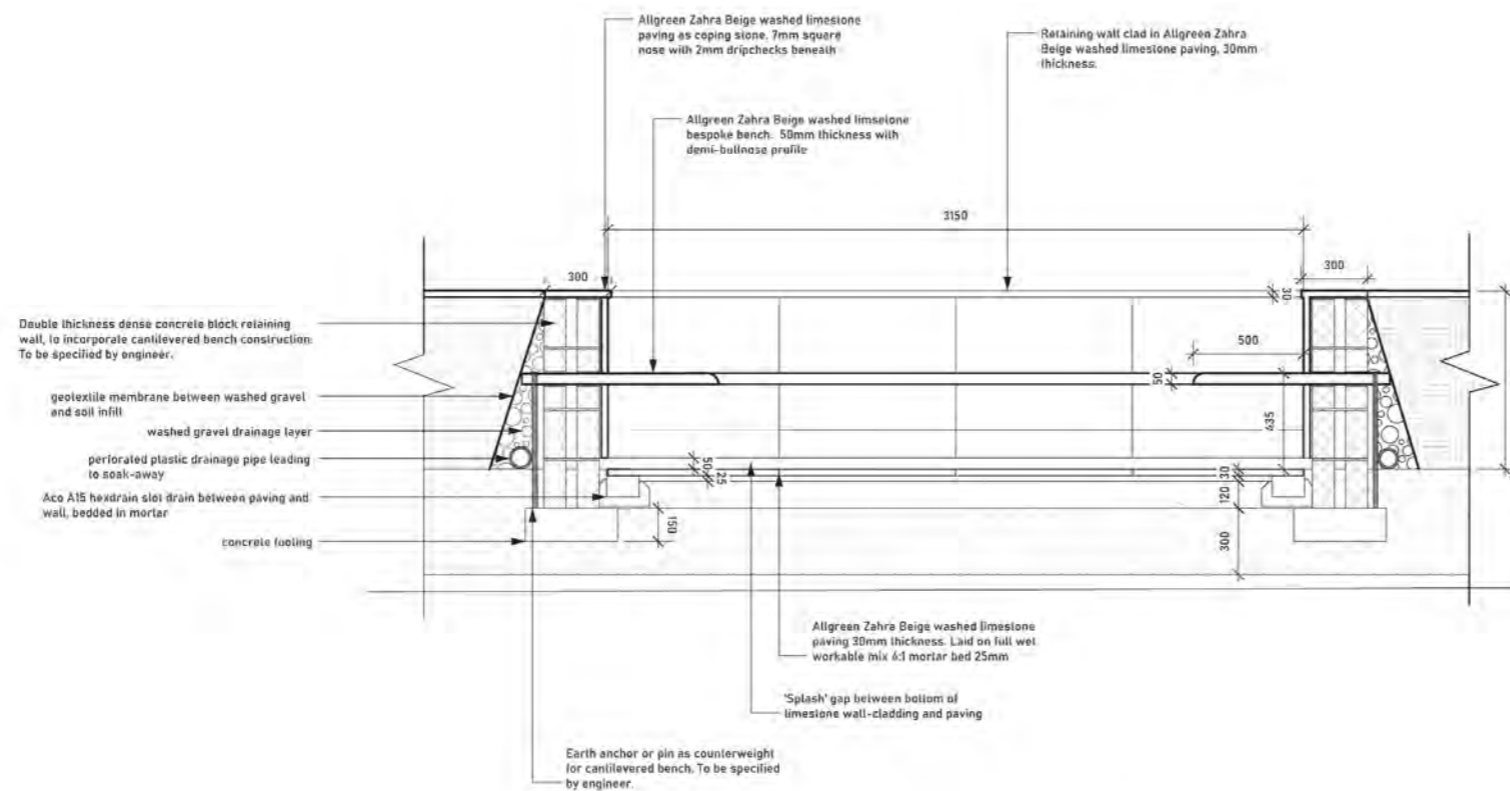


Isokon Building : design intent : cantilevered wrap-around stone bench and retaining wall

scaled drawing: vectorworks



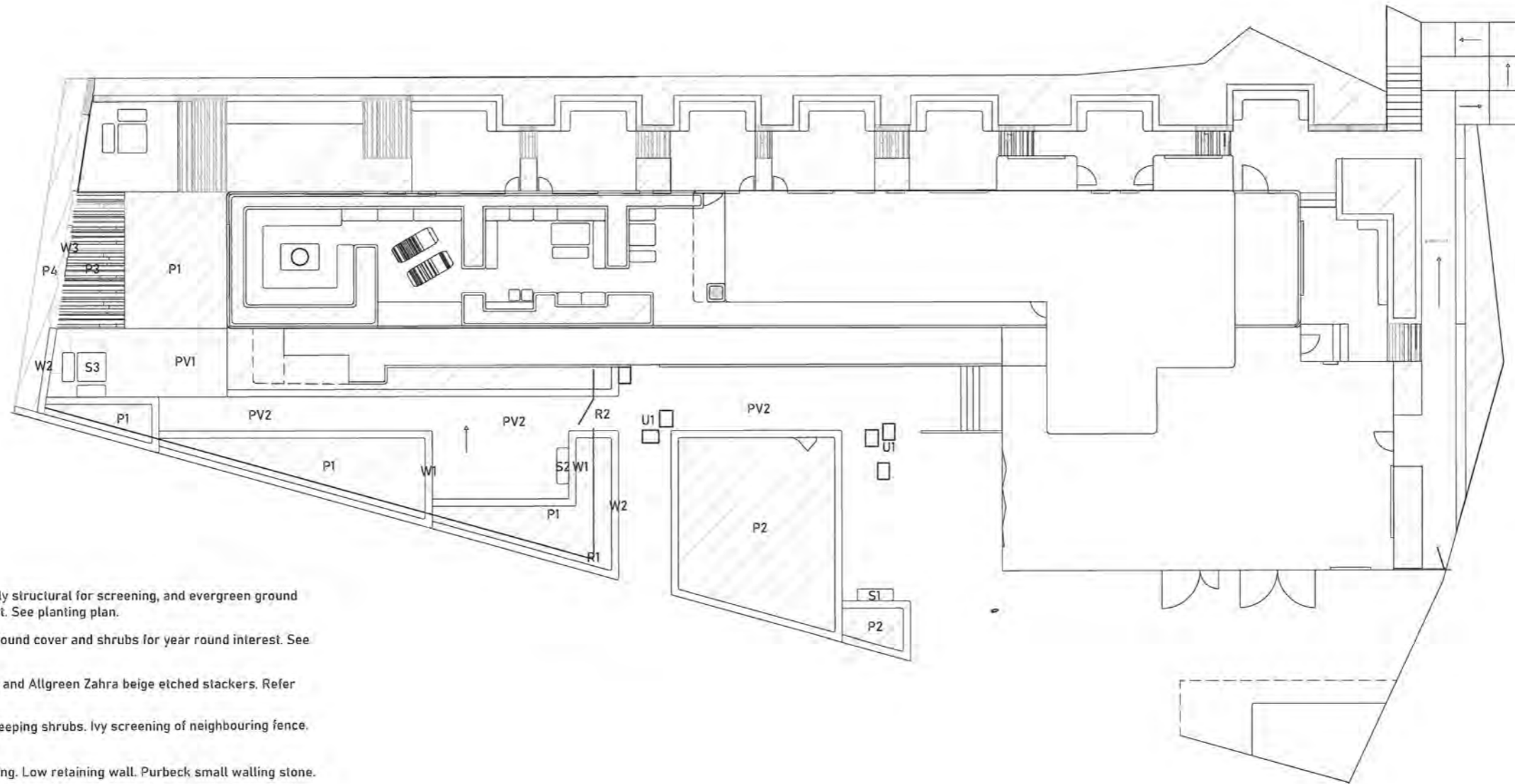
1 Top Plan: Cantilevered Bench and Retaining Wall
Scale: 1:20



1 Section: Cantilevered Bench and Retaining Wall
Scale: 1:20

The Isokon Building : general arrangement plan

scaled drawing: vectorworks



- P1 Mixed planting, predominantly structural for screening, and evergreen ground cover for year-round interest. See planting plan.
- P2 Mixed planting, evergreen ground cover and shrubs for year round interest. See planting plan.
- P3 Mixed ground cover planting and Allgreen Zahra beige etched stackers. Refer to construction drawings.
- P4 Trailing planting including weeping shrubs. Ivy screening of neighbouring fence. See planting plan.
- W1 Vertically laid drystone walling. Low retaining wall. Purbeck small walling stone.
- W2 Allgreen Zahra Beige washed limestone-clad retaining wall. 300mm wide x 600mm x 30mm thickness. Coping stone same but 50mm thickness. Sealed.
- W3 Vertically laid drystone walling as retaining wall. Purbeck small walling stone, with wall planting and gold leaf. refer to design intent drawing. Design to be agreed with structural engineer.
- PV1 Allgreen Zahra Beige washed limestone paving. 600mm x 900mm x 30mm thickness. Transverse random bond. Sealed.
- PV2 Self-binding purbeck gravel. Lewis quarries.
- S1 Cantilevered stone seat, flush with top of wall coping. Length 1500x depth 500mm x 50mm thickness. Allgreen Zahra Beige washed limestone. Bespoke. Demi bullnose profile on visible edges. Sealed.
- S2 Cantilevered stone seat, flush with top of wall coping. Length 1500x depth 500mm x 50mm thickness. Allgreen Zahra Beige washed limestone. Bespoke. Demi bullnose profile on visible edges. Sealed.
- S3 Communal-use seating and table. To be agreed.
- U1 Utility covers: recessed tray covers with bonded purbeck gravel infill.
- R1 Heavy steel section estate fencing. Designer Metal style 2a. Posts spaced at 1000mm. Powder-coated matt black finish.
- R2 Designer Metal estate opening gate, opening width 1240mm, frame width 1070mm x height 1050mm. Without embellishments. Powder-coated matt black finish.

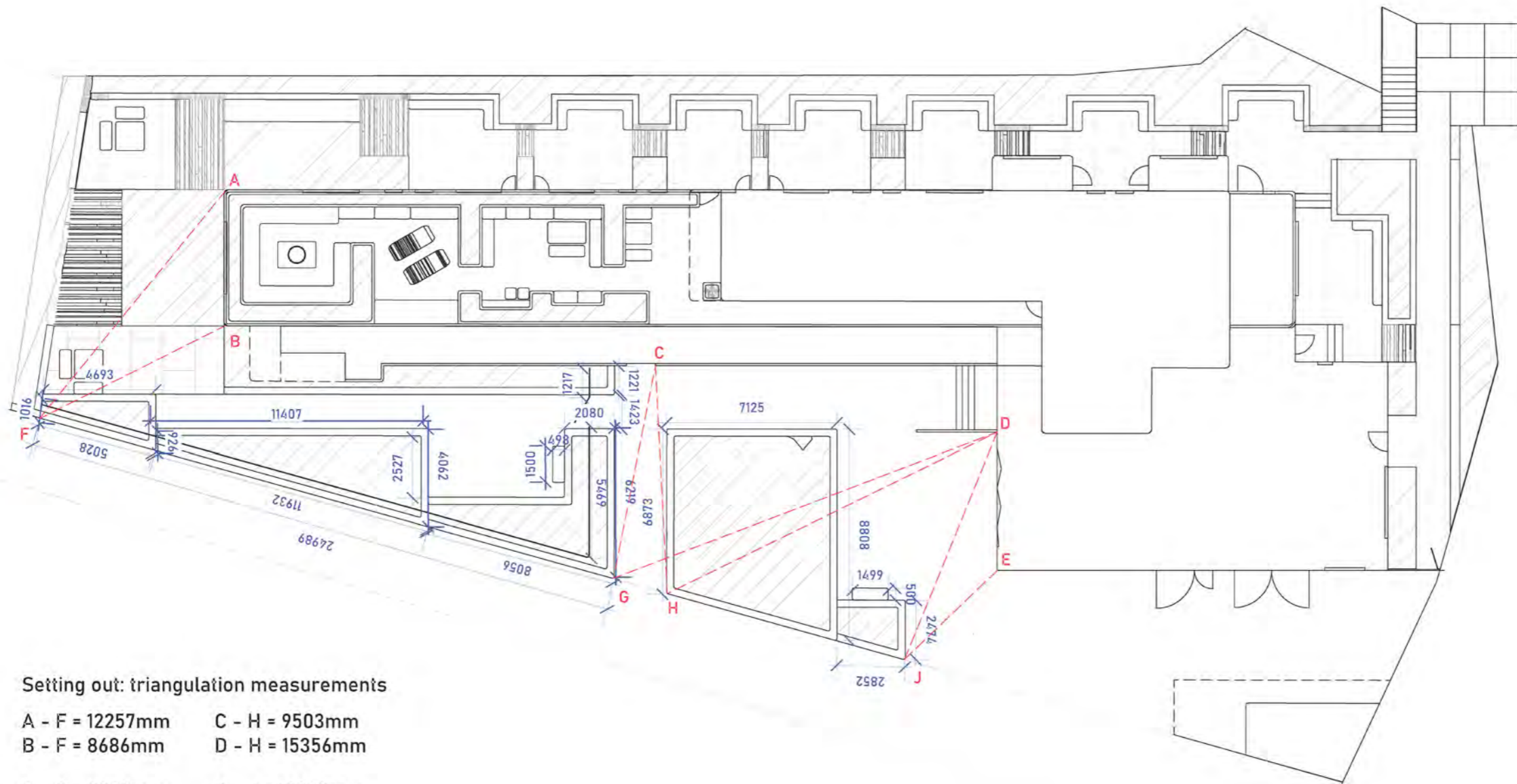
1 Site- General Arrangement
Scale: 1:200

0 5 6 7 8 9 10 M



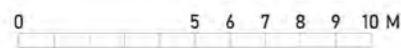
The Isokon Building : setting out: dimensions

scaled drawing: vectorworks



Setting out: triangulation measurements

- A - F = 12257mm C - H = 9503mm
- B - F = 8686mm D - H = 15356mm
- C - G = 9002mm D - J = 10230mm
- D - G = 17167mm E - J = 5364mm



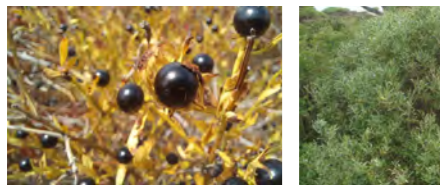
1 Setting Out - Dimensions Front of building
Scale: 1:200



Project	Isokon Building, London NW3
Sheet Title	Dimensions
Date	30/10/2023
Scale - if not shown on individual drawings	1:200
SC	SC

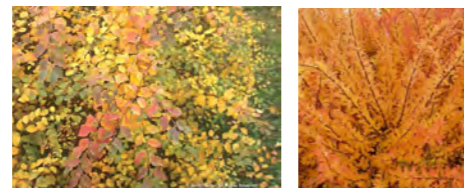
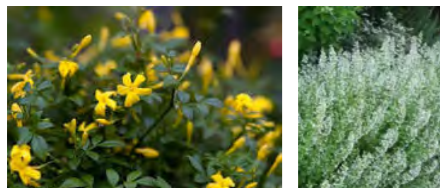
The Isokon Building : planting plan and palette : front of building

scaled drawing: vectorworks



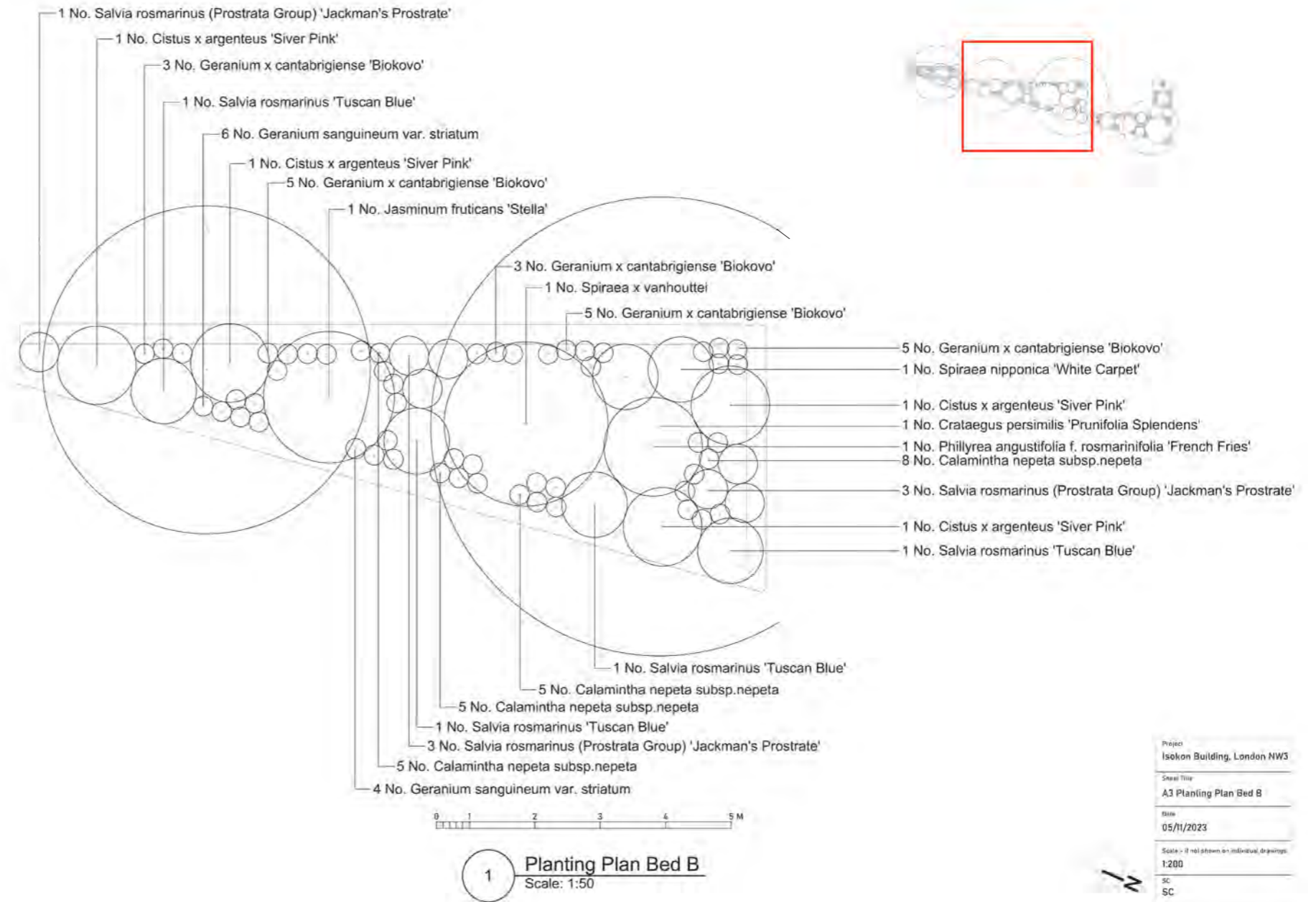
winter - late winter

spring - early summer



summer - early autumn

autumn - early winter



The Isokon Building : plant schedule

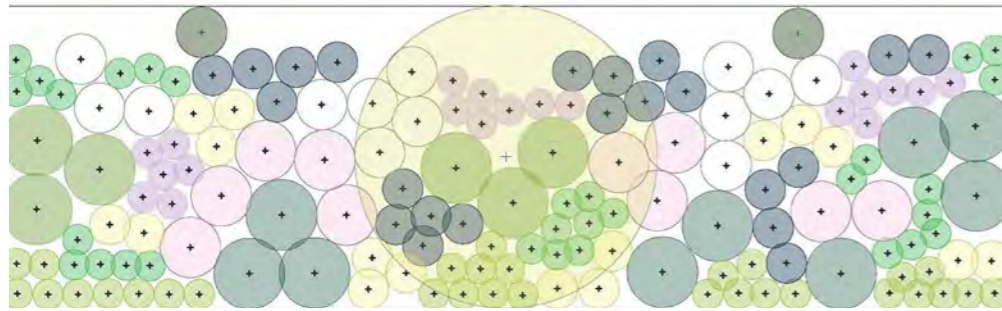
initial report: vectorworks

Plant Schedule

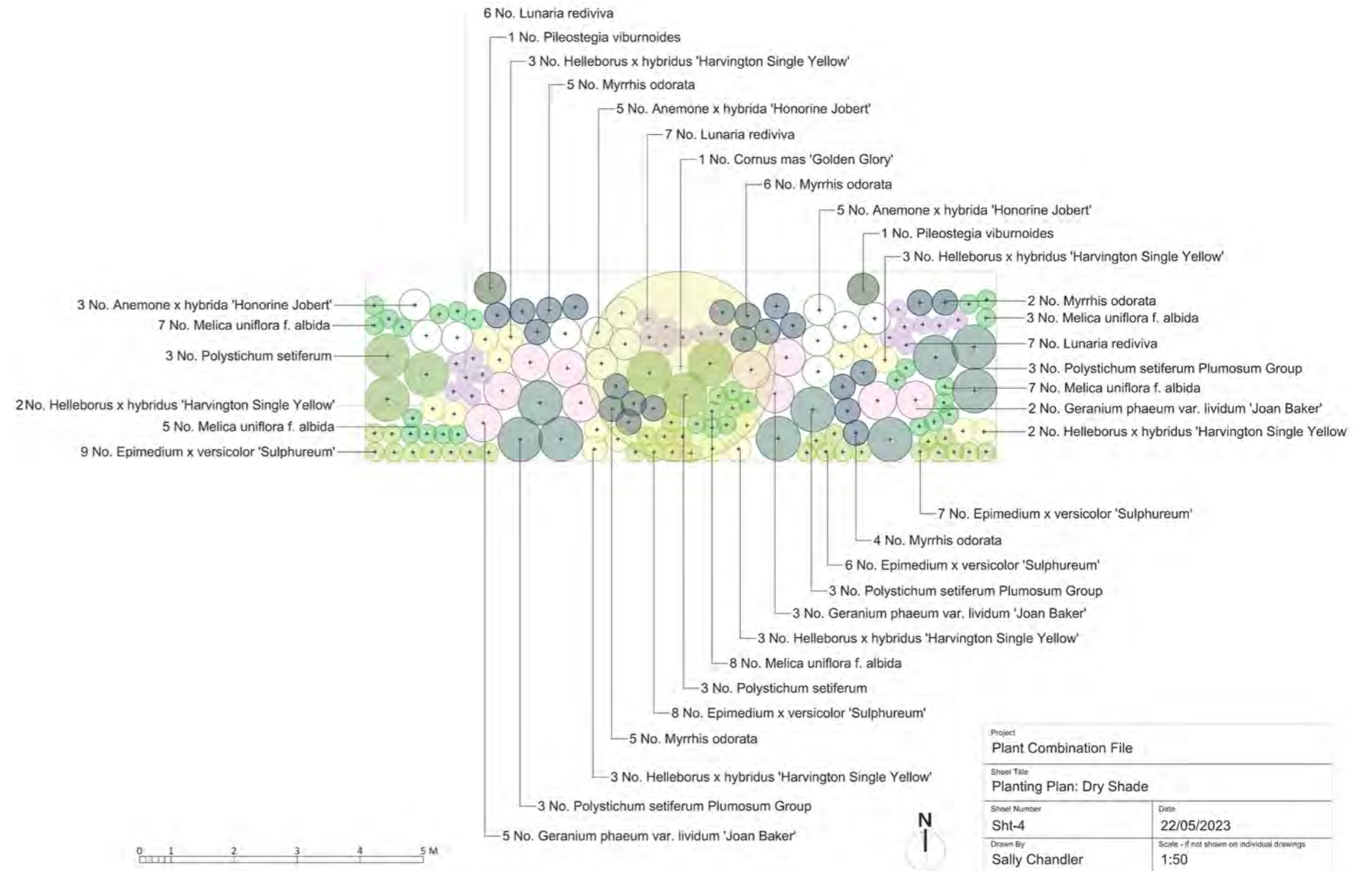
Category	Qty	Botanical Name	Scheduled Size	Supplier	Cost
Tree	1	Ostrya carpinifolia 'FC Moree'	3000-3500 clearstem wire rootballed	Van den Berk Nurseries - Netherlands/UK	£1,051 + transport
Tree	3	Crataegus persimilis 'Prunifolia Splendens'	Heavy standard 12-14 girth 45L pot	Ornamental Trees - UK	£265 + transport (incl VAT)
Tree	3	Cornus mas	Premium standard 10-12 girth 45L pot	Ornamental Trees - Uk	£270 + transport (incl VAT)
Shrub	5	Cistus x argenteus 'Siver Pink'	2L	Provender Nurseries	£10.50 + VAT + Del
Shrub	3	Jasminum fruticans 'Stellar'	5L	Provender Nurseries	£22.50 +VAT + Del
Shrub	3	Spiraea nipponica 'White Carpet' (sub 'Snowmound')	2L	Langthorns Plantery	£8.90 + Del
Shrub	9	Salvia rosmarinus (Prostrata Group) 'Jackman's Prostrate'	2L	Langthorns Plantery	£8.90 + Del
Shrub	2	Spiraea x vanhouttei	3L	Langthorns Plantery	£9.90 + Del
Shrub	12	Salvia rosmarinus 'Tuscan Blue' (sub 'Miss Jessopp's Upright')	1L	Langthorns Plantery	£3.50 + Del
Shrub	3	Phillyrea angustifolia f. rosmarinifolia 'French Fries'	3L	Langthorns Plantery	£12 + Del
Perennial	72	Geranium x cantabrigiense 'Biokovo' (sub 'St Ola')	1.5L	Langthorns Plantery	£6 + Del
Perennial	49	Calamintha nepeta subsp. nepeta	2L	Langthorns Plantery	£7 + Del
Perennial	35	Geranium sanguineum var. striatum	1.5L	Langthorns Plantery	£6 + Del

planting plan for dry, shady loam, under a 10m deciduous canopy

scaled plan: vectorworks; plant schedule: vectorworks; elevation: pen, photoshop

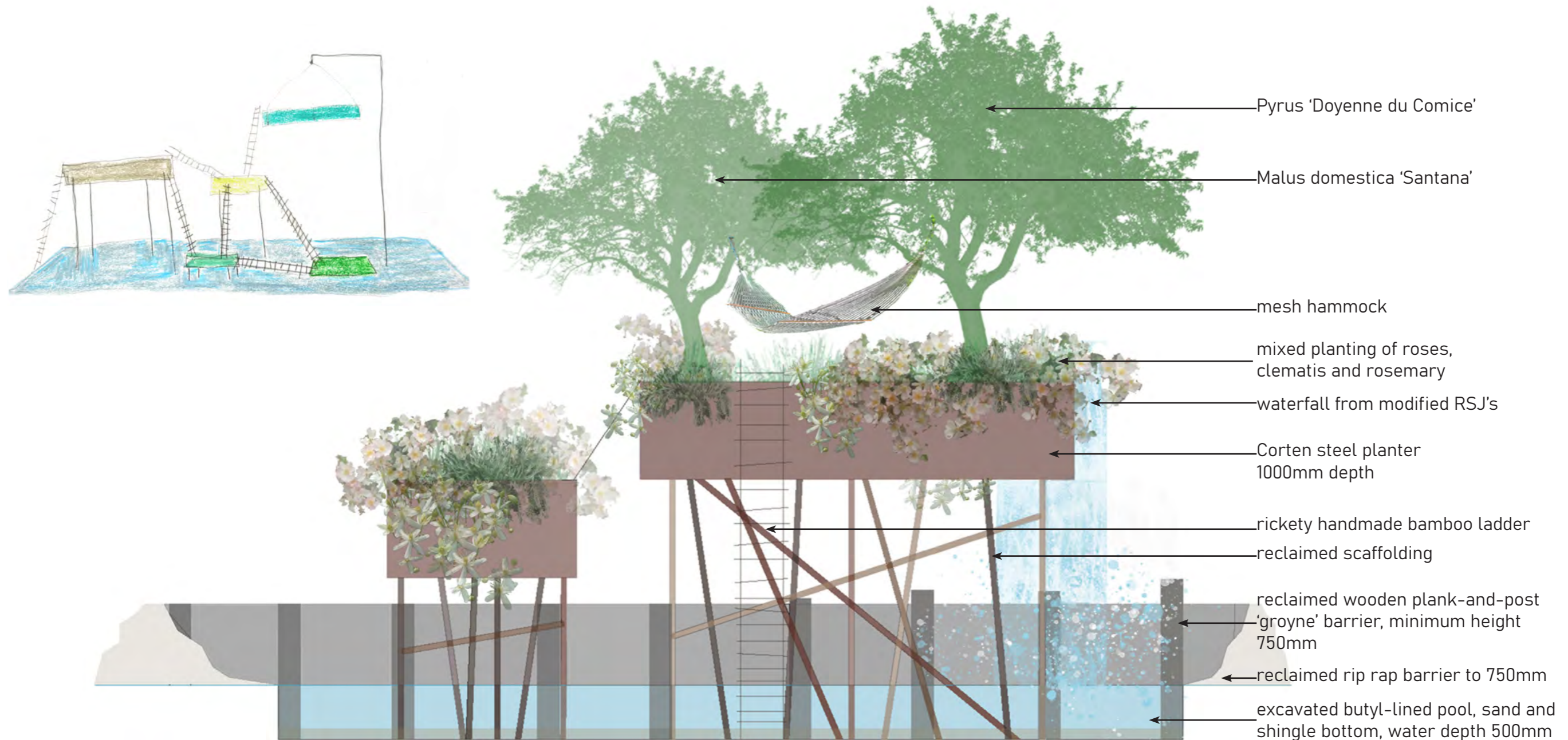


Category	Latin Name	Quantity	Quantity	Quantity
		11	11	159
Climber	Pileostegia viburnoides			2
Perennial	Epimedium x versicolor 'Sulphureum'			30
Perennial	Helleborus x hybridus 'Harvington Single Yellow'			16
Perennial	Melica uniflora f. albida			30
Perennial	Polystichum setiferum Plumosum Group			9
Perennial	Geranium phaeum var. lividum 'Joan Baker'			10
Perennial	Myrrhis odorata			22
Perennial	Lunaria rediviva			20
Perennial	Anemone x hybrida 'Honorine Jobert'			13
Perennial	Polystichum setiferum			6
Tree	Cornus mas 'Golden Glory'			1



a concept garden for RHS Hampton Court : category : global impact garden : 'The Lotus Eaters'

scaled drawing: vectorworks; rendering: vectorworks, photoshop



the brief:

A conceptual garden on the theme of global impact, with a maximum footprint of 10m². The sustainability of the materials used, and consideration of how the garden will be used after the show should be included.

the response:

the waters below this fantastical garden begin to rise, threatening this idyllic existence, while the inhabitant fails to notice or care. All materials (excluding the butyl liner) are reclaimed, and can be re-sold after the show.