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# PORTFOLIO

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**ISOKON**  
Historical

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**CLAPHAM**  
Residential

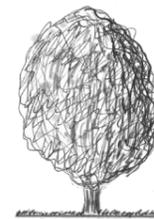
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**PRIORY**  
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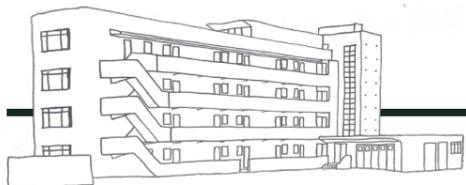
# ISOKON

Type: Historical  
Location: Hampstead

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Visual drawn to scale in SketchUp and rendered in Photoshop



# ISOKON

Type: Historical  
Location: Hampstead

## BRIEF

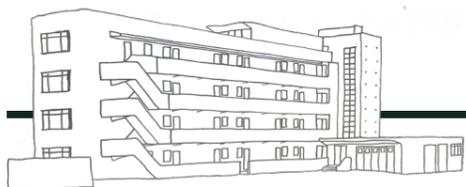
Redesign the penthouse garden, public front garden and private rear garden, whilst being sympathetic to the history of the building. The site continues to be a residential block of flats as well as the location of the Isokon Gallery.

## CONCEPT

Puzzles. A garden design inspired by the Isokon Building's espionage history, modern gardens, and the Stomachion puzzle. Intertwining tales of mystery with geometric shapes and bold colours from the world's oldest puzzle, this concept complements and celebrates the building without overshadowing it.

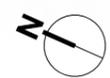
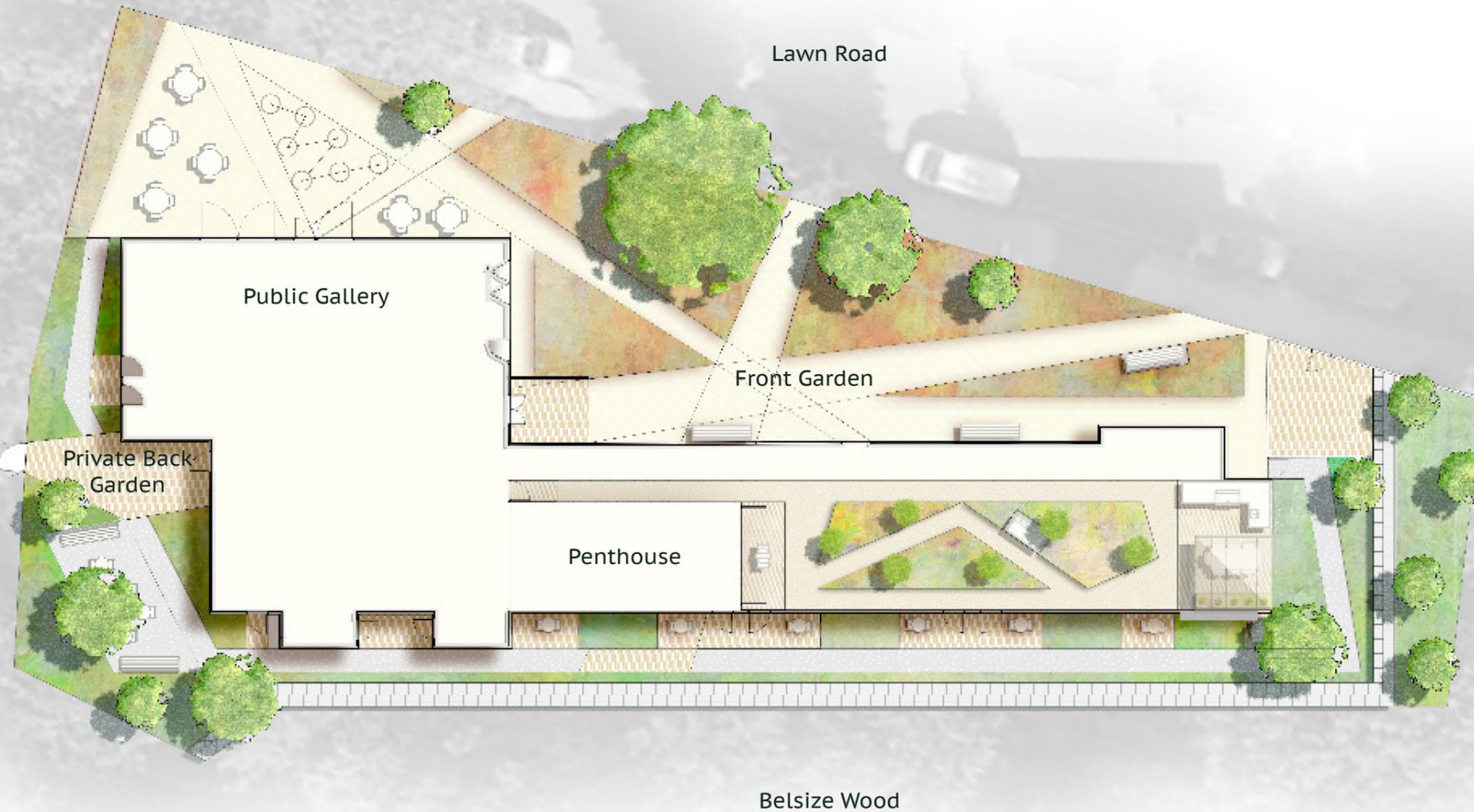


Concept Board generated using AI and rendered in Photoshop

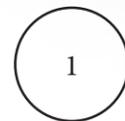


# ISOKON

Type: Historical  
Location: Hampstead

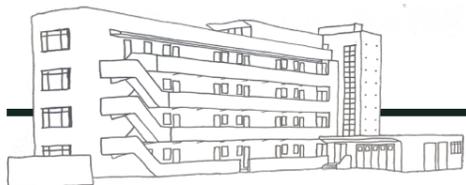


0 10m



Masterplan  
Scale: 1:200 at A3

Masterplan drawn to scale in Vectorworks and rendered in Photoshop



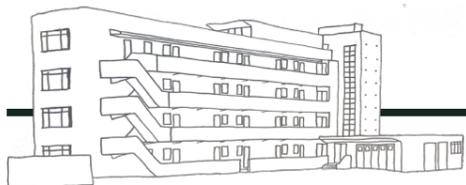
# ISOKON

Type: Historical  
Location: Hampstead



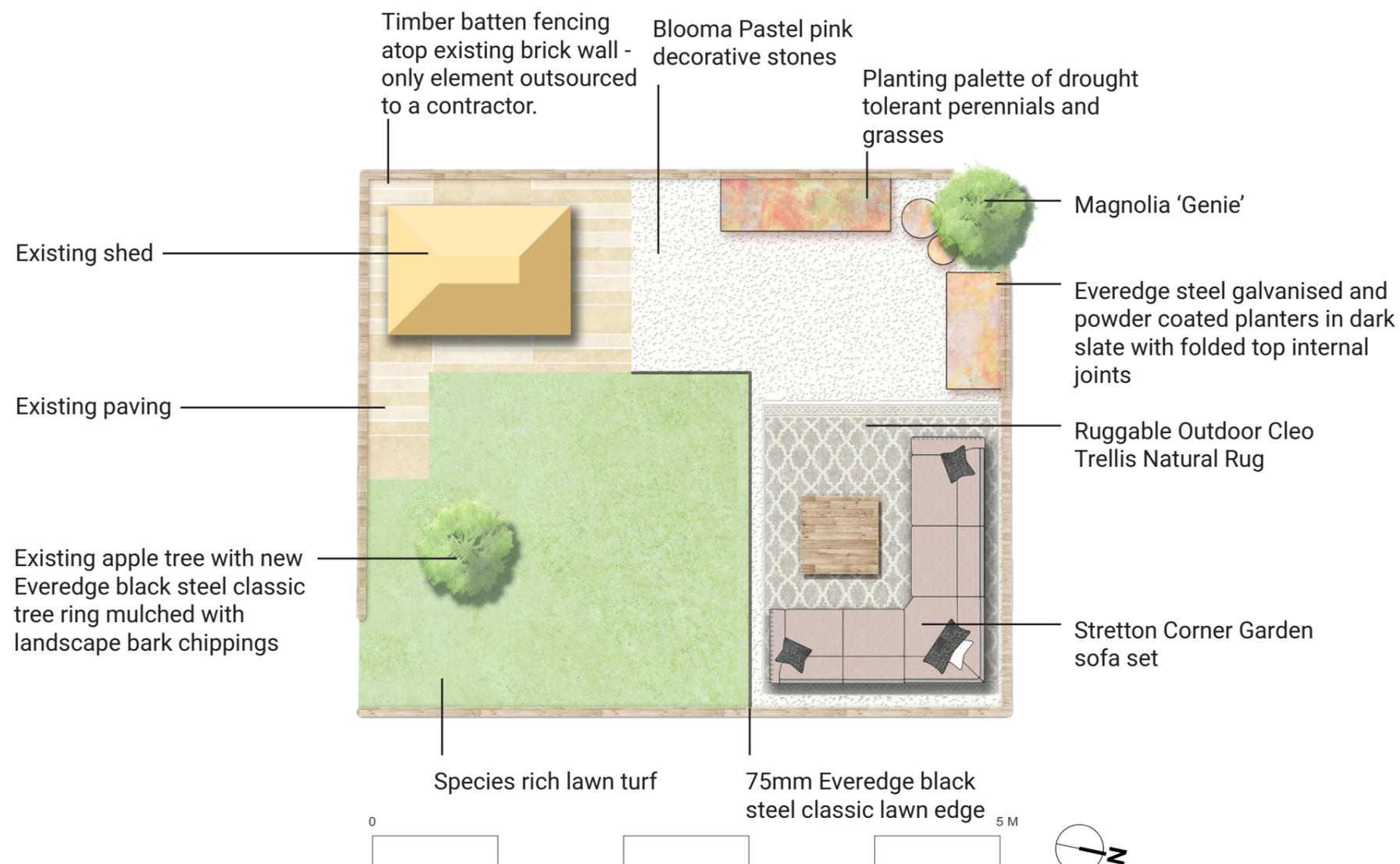
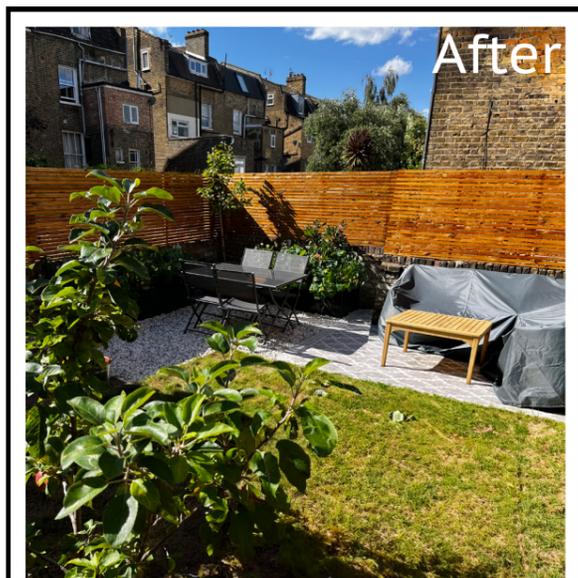
## DESIGN

More public spaces at the front will contrast with private secluded spaces at the rear and the penthouse for the residents. The planting is bold and architectural, developing from drought-tolerant at the front and penthouse, to woodland edge at the rear, and grounding the design in the landscape. Innovative materials made from waste will be showcased throughout the design.



# CLAPHAM

Type: Residential  
Location: Clapham



Masterplan drawn to scale in Vectorworks and rendered in Photoshop.

*“Caroline transformed the space into a functional, flourishing haven; intelligently working with nature to capture sunny spots and executing the implementation of the design perfectly.”*



# PRIORY

Type: School  
Location: Lewes

## BRIEF

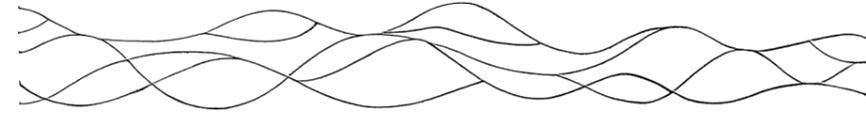
Redesign the rectangular courtyard for teachers in the eastern side and SEND students in the western side.

## CONCEPT

South Downs Way (SDW) curves as seen on the entrance to the SDW national park have inspired the design, as well as grounding the garden in the landscape.

## DESIGN

The courtyard is a sanctuary of tranquillity with a range of seating areas aimed at both teachers and SEND students, accompanied by the calming sounds of water. The shapes of the seating areas and water feature bring the concept into the space. The planting is lush green and textural adding privacy to the separate spaces.



South Downs Way Graphic hand drawn.



Visual drawn to scale in SketchUp and rendered in Photoshop.



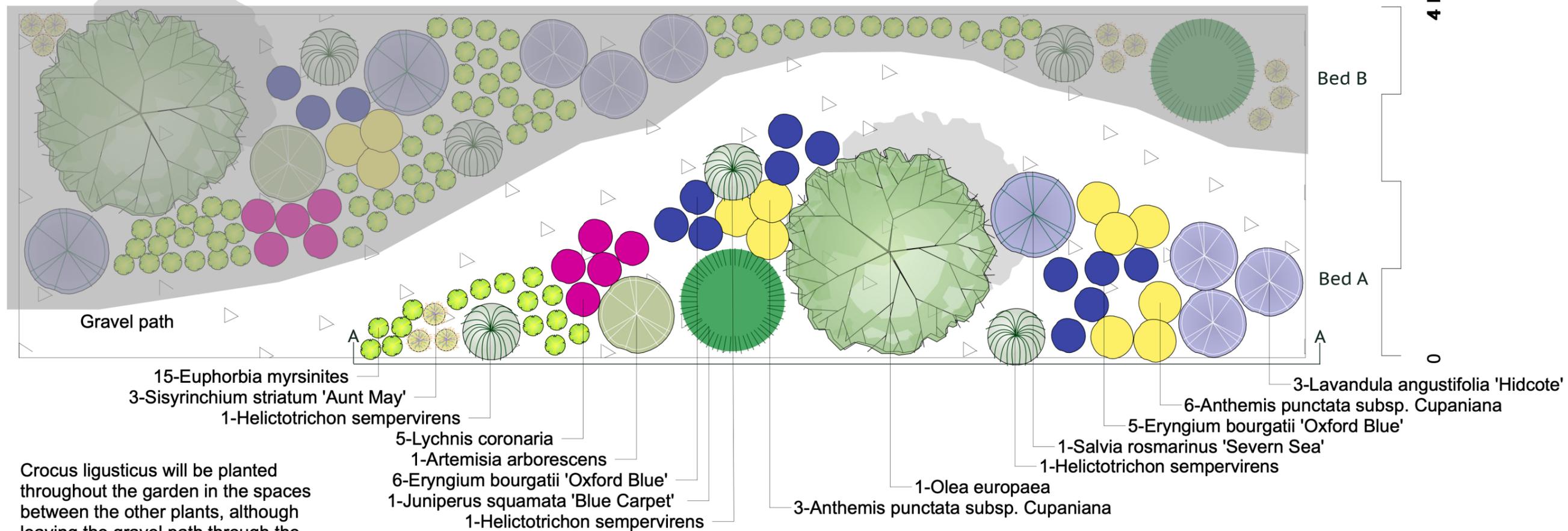
Masterplan drawn to scale in Vectorworks and rendered in Photoshop.



# PLANTING

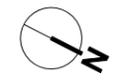
Planting plan drawn to scale in Vectorworks with hand-drawn scaled elevation shown in late summer after three years of growth.

Plant Schedule - Bed A			
Botanical Name	Qty	Scheduled Size	Remarks
<i>Olea europaea</i>	1	18-20cm girth	Standard. RB
<i>Juniperus squamata</i> 'Blue Carpet'	1	2L	
<i>Salvia rosmarinus</i> 'Severn Sea'	1	2L	
<i>Lavandula angustifolia</i> 'Hidcote'	3	2L	
<i>Artemisia arborescens</i>	1	2L	
<i>Anthemis punctata</i> subsp. <i>Cupaniana</i>	9	9cm	
<i>Eryngium bourgatii</i> 'Oxford Blue'	11	9cm	
<i>Euphorbia myrsinites</i>	15	9cm	
<i>Helictotrichon sempervirens</i>	3	9cm	
<i>Lychnis coronaria</i>	5	9cm	
<i>Sisyrinchium striatum</i> 'Aunt May'	3	9cm	
<i>Crocus ligusticus</i>	200	bulbs	



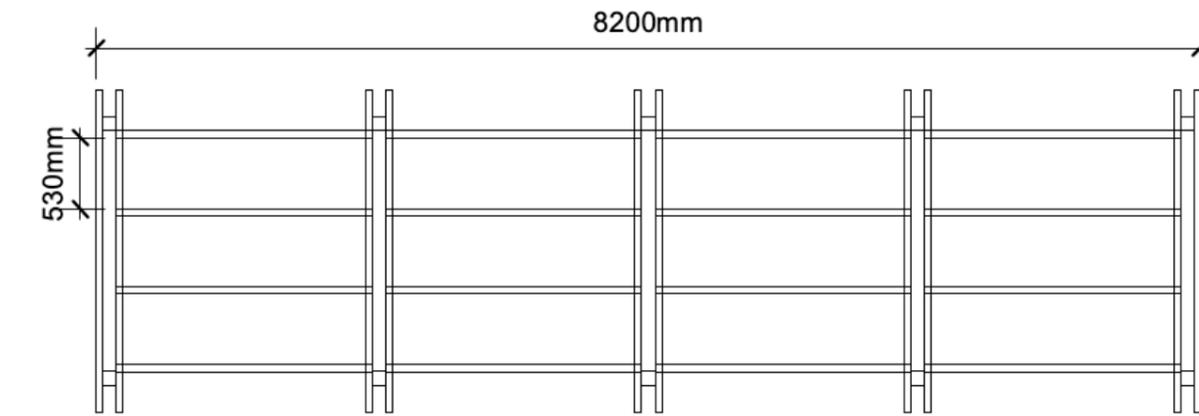
*Crocus ligusticus* will be planted throughout the garden in the spaces between the other plants, although leaving the gravel path through the garden clear for access.

1 Gravel garden, very hot dry situation, pH slightly alkaline - Bed A  
Scale: 1:50



# CONSTRUCTION

Construction detailing of a timber pergola drawn to scale in Vectorworks and sketch rendered with AI software.



1 Pergola - Plan  
Scale: 1:50

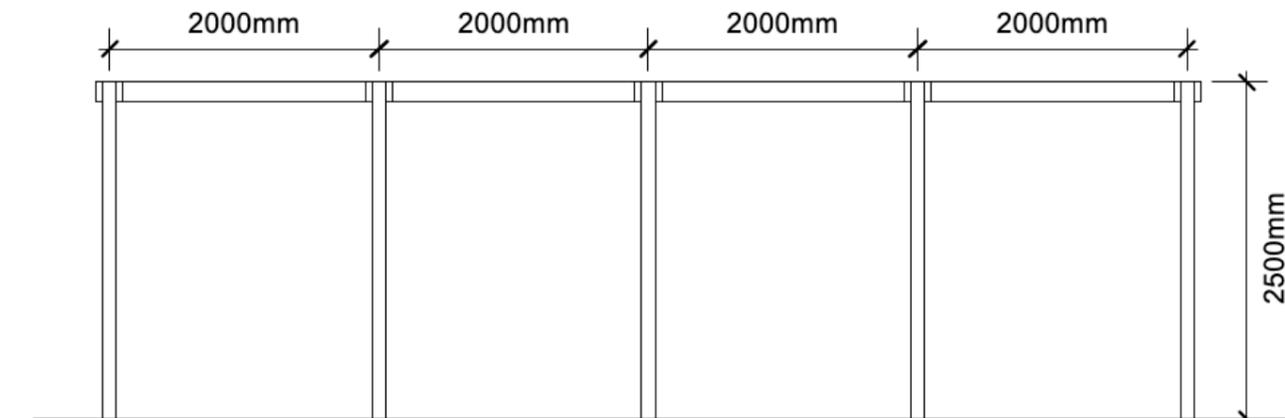
Longitudinal seasoned oak beams (150 x 50 x 2000mm) secured from above 5x 100mm galvanised screws.

Mortise and tenon.

Seasoned oak.  
Rough Sawn.  
Light belt sanding on site to remove burrs.  
Treatment: Osmo UV Protection Oil

150 x 50 x 2400 mm seasoned oak.  
Class 4.  
All to be treated with Osmo UV Protection Oil

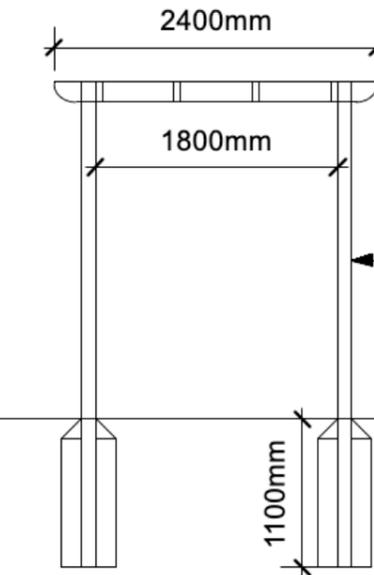
Screw positions.  
Cross supports secured to header beam by 8x 75mm galvanised screws.



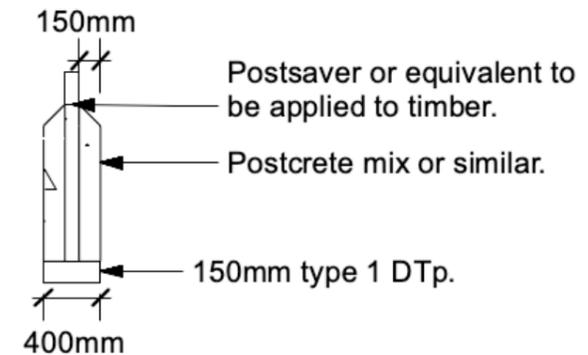
2 Pergola - Elevation  
Scale: 1:50

Ground level.

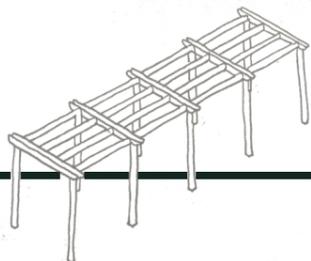
100 x 100 x 3600mm seasoned oak.  
Class 4.  
All to be treated with Osmo UV Protection Oil



3 Pergola - Section  
Scale: 1:50



4 Pergola - Foundation Detail  
Scale: 1:50



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# CAROLINE MANTELL

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## Education

Garden Design Diploma,  
KLC School of Design, 2023

RHS Level 2 Certificate in the  
Principles of Horticulture, 2022

APM Project Management  
Qualification (SCQF Level 7), 2020

BA Classics,  
Durham University, 2010-2013

## Employment

WRAG (Work and Retrain as a  
Gardener) Scheme at

- Green Templeton College, Oxford
- Wudston House, Wiltshire  
2022-2023

Captain in the Royal Engineers,  
British Army  
2016-2022

## Contact

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 [carolinemantellgardens](https://www.instagram.com/carolinemantellgardens)

## Skills

Project Management  
Vectorworks  
Adobe InDesign  
Adobe Photoshop  
SketchUp  
Microsoft Office

## Achievements

Award-winning allotmenteer  
Army downhill skier  
Ultra distance trail runner

