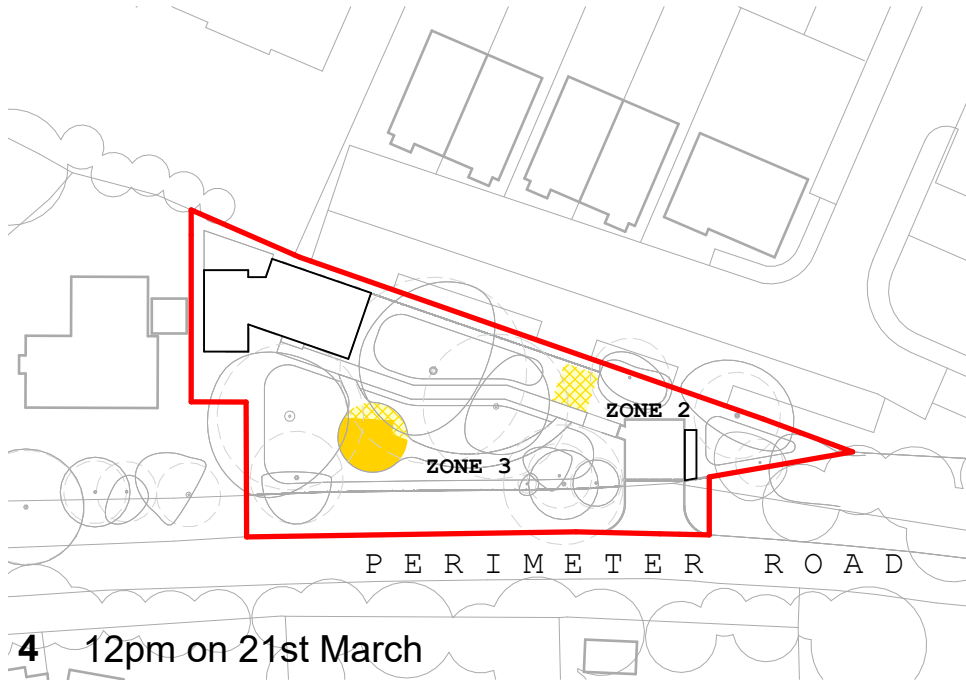
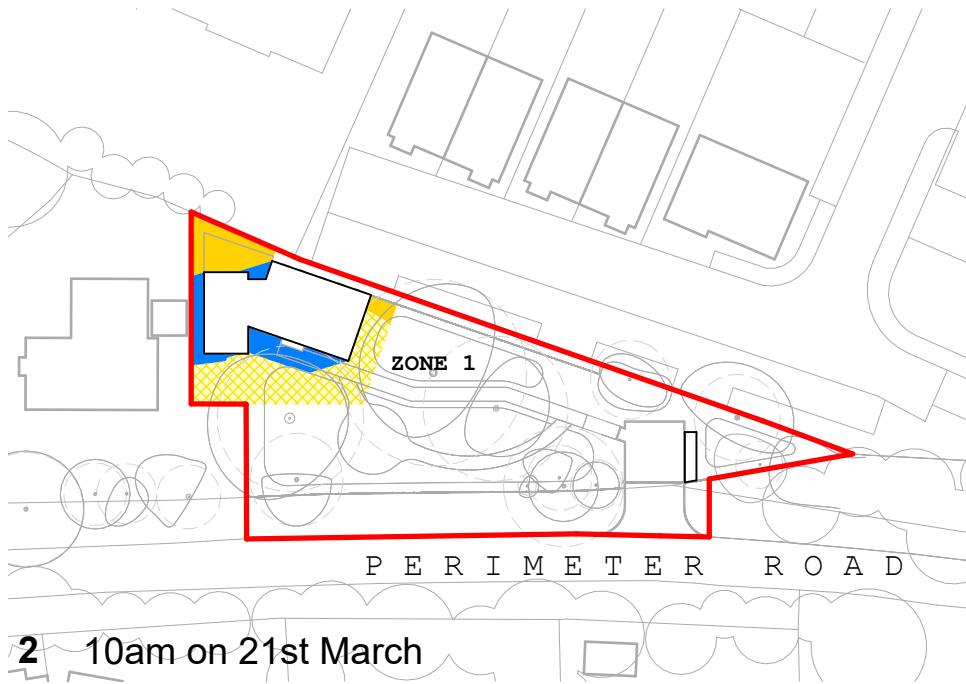
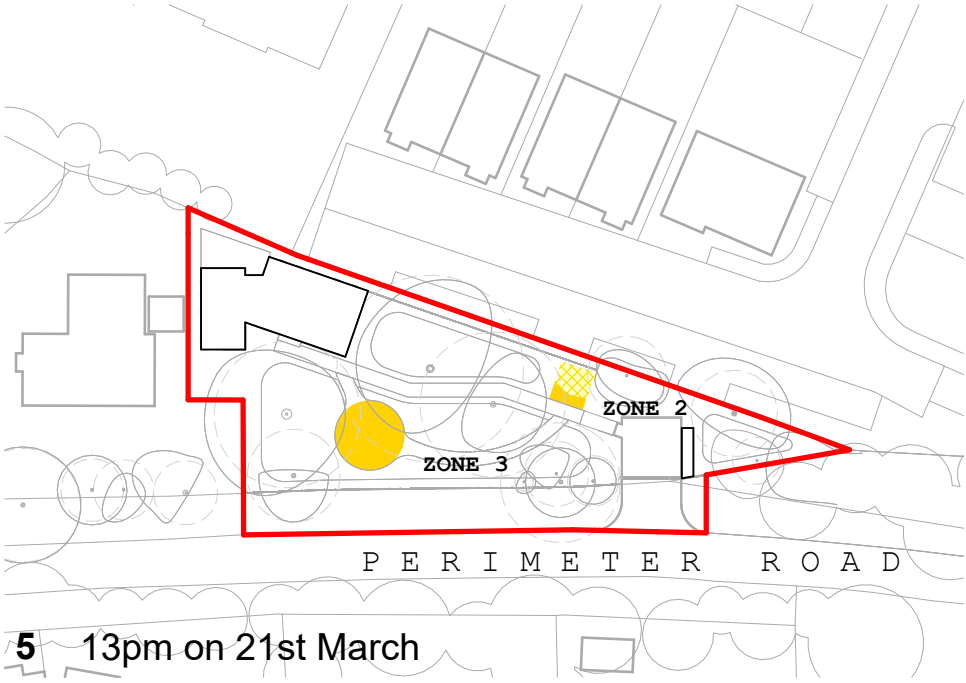
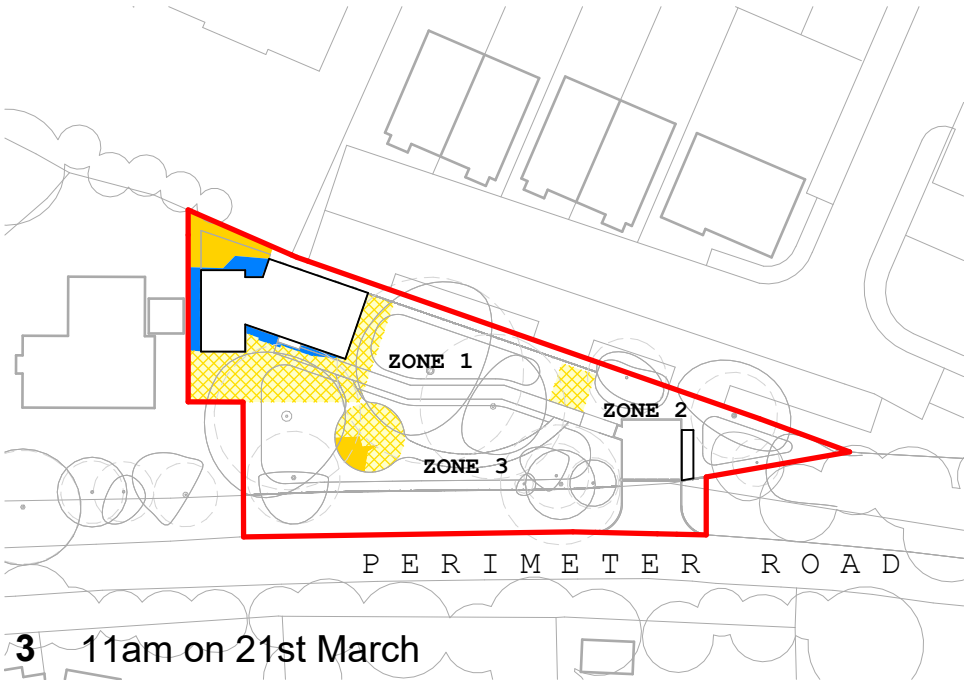
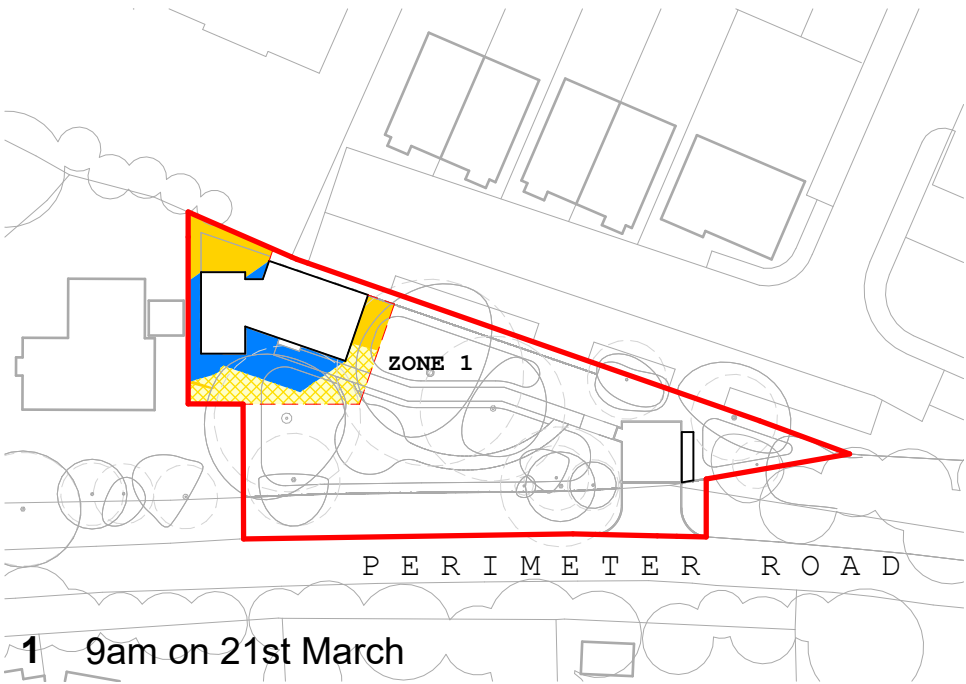




**BRE Sunlight Compliance,
Habitable Garden Calculation**

ZONE 1 (measured 9am-11am) Zone Area 118sqm	9am	10am	11pm
Recieving direct sunlight	36sqm	28sqm	22sqm
Recieving sunlight through canopy*	41sqm	64sqm	81sqm
% of zone area receiving sunlight	50%	54%	56%
ZONE 2 (measured 11am-13pm) Zone Area 10sqm	11am	12pm	13pm
Recieving direct sunlight	0sqm	0sqm	3sqm
Recieving sunlight through canopy*	10sqm	10sqm	7sqm
% of zone area receiving sunlight	55%	55%	69%
ZONE 3 (measured 11am-13pm) Zone Area 28sqm	11am	12pm	13pm
Recieving direct sunlight	6sqm	22sqm	28sqm
Recieving sunlight through canopy*	22sqm	6sqm	0sqm
% of zone area receiving sunlight	65%	90%	100%

TOTAL % of Sunlight **59% - PASS**

At **59%**, the proposed habitable garden exceeds the BRE requirement of 50% of the habitable garden recieving two hours of sunlight on the Spring Equinox (21st March). The consented scheme also achieved **59%**

Note * 55% of area used for the calculation, in line with BRE guidance on solar transmission rates for bare oak canopies.



KEY

 **Area of the site which receives direct sunlight**

 **Area of the site which receives sunlight through bare tree canopy**
In line with BRE guidance on solar transmission rates

 **Area of the site which are shaded by buildings**



Collaborating with:
Colony Architects

Job: 306 Drawing: 90-007 Revision: 7

Project:
Sandford Farm
Perimeter Road, RG5 4TE

Drawing:
**BRE Sunlight Compliance,
Hab. Garden Calculation**

Date:
May '25

Status:
Planning

Drawn By:
MC

Checked By:
EM



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