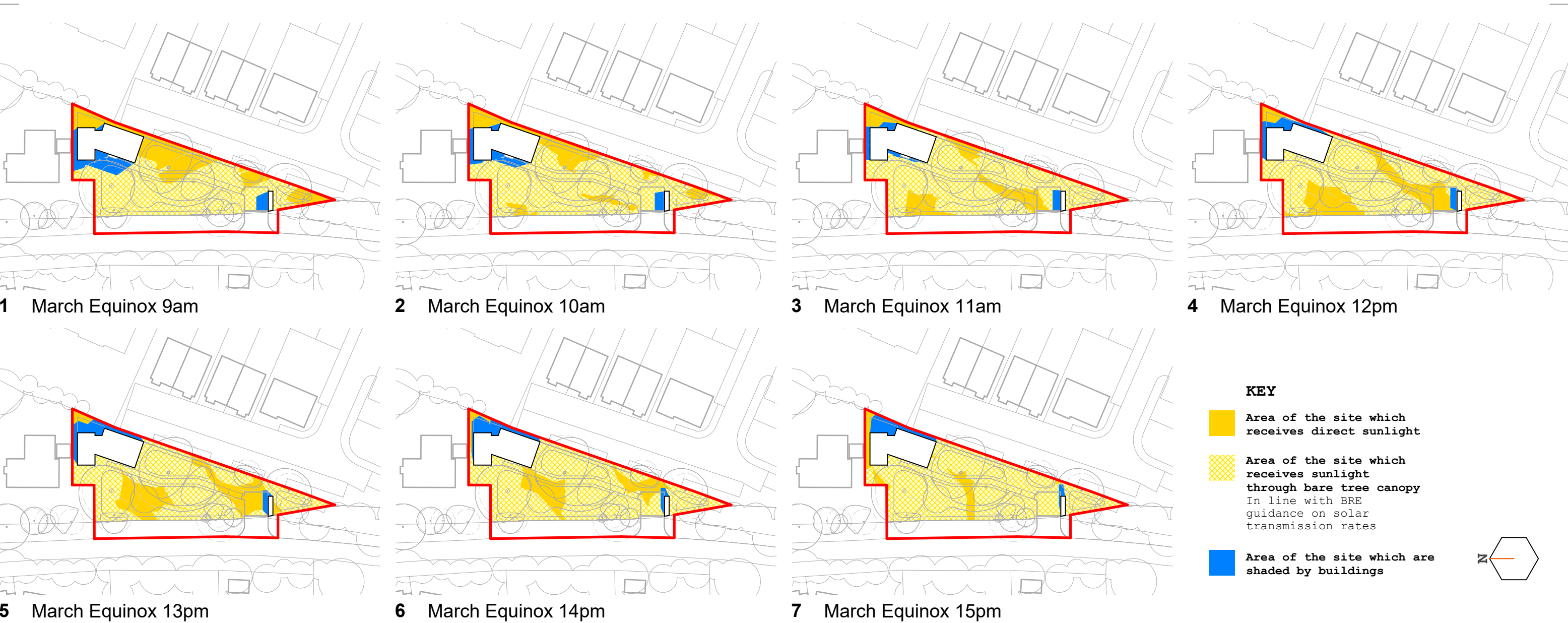




BRE Sunlight Compliance, Sitewide Calculation

Site Area	608sqm (site area excluding built form)						
Time of Day	9am	10am	11am	12pm	13pm	14pm	15pm
Area 1 - Site shaded by built form #1	54sqm	37sqm	26sqm	31sqm	38sqm	35sqm	32sqm
Area 2 - Site which receives direct sunlight	166sqm	120sqm	122sqm	154sqm	151sqm	98sqm	46sqm
Area 3 - Site which receives sunlight through bare trees #2	388sqm	451sqm	460sqm	423sqm	419sqm	475sqm	530sqm
Percentage of the entire site which receives sunlight #3	62%	61%	62%	64%	63%	59%	56%

Conclusion: The site meets the BRE requirement for at least 2 hours of direct sunlight on the spring equinox (21st March)

Average percentage of the entire site which receives sunlight between 9am-15pm 61% - PASS

Note #1 Area of the site shaded by building
Note #2 The trees on the site are bare on the spring equinox
Note #3 Percentage calculation uses 55% of 'Area 2 - Site which receives direct sunlight', in line with the BRE guidance on solar transmission rates for bare oak canopies



Collaborating with:
Colony Architects

Job: 306 Drawing: 90-006 Revision: 7

Project:
Sandford Farm
Perimeter Road, RG5 4TE

Drawing:
BRE Sunlight Compliance, Sitewide Calculation

Date: **May '25** Status: **Planning**

Drawn By: **MC** Checked By: **EM**



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