



**DAYLIGHT & SUNLIGHT
WINNERS CHAPEL, MANCHESTER**

12 November 2024

GIA No: **21964**

1 INTRODUCTION

- 1.1 GIA have undertaken an assessment to understand the levels of sunlight to the amenity spaces serving the adjacent St Euphrasia's Care Home.
- 1.2 A three-dimensional computer model of the site and surrounding properties was produced utilising a combination of aerial photogrammetry and the proposed drawings provided by Mojo Architecture.
- 1.3 The technical analysis has been completed using the methodologies set out within the Building Research Establishment Guidelines entitled 'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (2022)'.
- 1.4 The image on the following page shows the amenity areas that have been assessed. The BRE state that an amenity area should receive two hours of direct sunlight to 50% of its area on 21 March. The colouring corresponds to the following key:

SUN HOURS ON GROUND

Yellow – Receives two hours of sunlight on 21 March

Blue – Receives less than two hours of sunlight on 21 March

Red – Area of loss



- 1.5 All amenity areas serving St Euphrasia's Care Home will receive two hours of direct sunlight to in excess of 50% of their area on 21 March. As such, all amenity areas will continue to meet the BRE target criteria with the proposed development in place, and they will receive excellent levels of sunlight.

SUN HOURS ON GROUND (SHOG)





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