Twickenham Studios

Produced by XCO2 for Twickenham Studios London Ltd.

January 2021



CONTENTS

EXECUTIVE SUMMARY	5
INTRODUCTION	7
METHODOLOGY	9
DAYLIGHT ASSESSMENT	10
SUNLIGHT ASSESSMENT	12
OVERSHADOWING ASSESSMENT	23
CONCLUSION	25
APPENDIX A - WINDOW REFERENCE	А
APPENDIX B - DETAILED DAYLIGHT RESULTS	В
APPENDIX C - DETAILED SUNLIGHT RESULTS	С

	01			
Remarks	Final			
Prepared by	TK			
Checked by	HP			
Authorised by	KM			
Date	08/01/2021			
Project reference	9.630			



EXECUTIVE SUMMARY

The daylight, sunlight and overshadowing analysis indicates that there will not be a significant impact on surrounding properties arising from the proposed development at Twickenham Studios.

Daylight and Sunlight analysis was carried out for the proposed development at Twickenham Studios located within the London Borough of Richmond Upon Thames. This report outlines the results of the analysis for the planning application, assessing the daylight and sunlight impacts on surrounding developments.

The methodology set out in this report is in accordance with BRE's "Site Layout Planning for Daylight and Sunlight, A Guide to Good Practice" by PJ Littlefair (2011) which is accepted as good practice by Planning Authorities.

The following assessments were carried out:

- Daylight: 25 Degree Line
- Daylight: Vertical Sky Component
- Sunlight: Sunlight Access
- Sunlight: Sunlight Overshadowing

Computer modelling software was used to carry out the assessments. The model used was based on drawings and a 3D model provided by the design team together with desktop research on neighbouring properties.

DAYLIGHT ASSESSMENT

A total of 384 windows from buildings surrounding the site were highlighted as being in close proximity to, and facing the proposed development.

Daylighting levels for potentially affected windows of surrounding developments by the proposed development at Twickenham Studios were found to be acceptable.

In summary,

• 109 out of 384 windows passed the 25-degree line test:

- 195 of the remaining 275 windows achieved VSCs greater than 27%;
- 79 windows achieved relative VSCs over 0.8 of their former values; and,
- the remaining window was found not meet the above criteria, but still received a VSC well above 20% (26.7%) which is considered acceptable for an urban environment.

Overall, the development is not anticipated to have any notable impact on the daylight received by neighbouring properties.

SUNLIGHT ASSESSMENT

A total of 167 windows from buildings surrounding the site were assessed for sunlight access. The analysis indicated that 74 of the 167 windows passed the 25-degree line test. All of the remaining 93 windows satisfied the BRE criteria for annual probable sunlight hours (APSH) and winter probable sunlight hours (WPSH).

Therefore, the proposed development at Twickenham Studios is not considered to have any notable impact on sunlight access to windows of surrounding developments.

OVERSHADOWING ASSESSMENT

A solar access analysis was undertaken for a single amenity space for the full 24 hours on 21st of March. This space is predicted to have a minimum of 2 hours of sunlight on 21 March over at least 50% of the assessed area.

The proposed development is therefore not considered to have any significant impact on sunlight access to the amenity spaces surrounding the site.



Table 1: Daylight results summary.

Number of windows tested	384
Number of windows passing the 25° initial test	109
Number of windows with a VSC higher than 27%	195
Number of windows with a VSC of at least 0.8 of existing value	79
Number of windows achieving a VSC greater than 20% (deemed acceptable for urban environments)	1
Number of windows that do not meet any of the above criteria	0

Table 2: Sunlight results summary.

Total number of windows facing within 90° of south	167
Number of south facing windows passing the 25° initial test	74
Number of south facing windows with APSH greater than 25% and WPSH greater than 5%, or of at least 0.8 of their former existing value	93
Number of south facing windows with less than 4% reduction in annual sunlight	0
Number of windows that do not meet any of the above criteria	0

INTRODUCTION

The site is located in an urban environment and the interpretation of the results requires careful consideration of the BRE guidance.

This report assesses the daylight, sunlight and overshadowing impacts the proposed new build residential development may have on the existing properties and open spaces surrounding the site.

The approach is based on the BRE's "Site Layout Planning for daylight and sunlight, a Guide to good practice" PJ Littlefair 2011, which is generally accepted as good practice by Town and Country Planning authorities.

It should be noted that although the numerical values stated by the BRE provide useful guidance to designers, consultants and planning officials, these are purely advisory and may vary depending on context. Dense urban areas, for example, may often experience greater site constraints when compared to low-rise suburban areas, and thus a high degree of obstruction is often unavoidable. Appendix F of the BRE document is dedicated to the use of alternative values and it also demonstrates the manner in which the criteria for skylight was determined for the summary given above, i.e. the need for 27% vertical sky component for adequate daylighting.

This figure of 27% was achieved using the following methodology: a theoretical road was created with two storey terraced houses upon either side, approximately twelve metres apart. The houses have windows at ground and first floor level, and a pitched roof with a central ridge. Thereafter, a reference point was taken at the centre of a ground floor window of one of the properties and a line was drawn from this point to the central ridge of the property on the other side of the road.

The angle of this line equated to 25 degrees (the 25 degrees referred to in the summaries given with reference to the criteria for skylight). This 25-degree line obstructs 13% of the totally unobstructed sky available, leaving a resultant figure of 27% which is deemed to give adequate daylighting. This figure of 27% is the recommended criteria referred to in this

report. It will be readily appreciated that in an urban area, this kind of urban form and setting is unlikely and impractical.

Furthermore, the BRE guidance also focuses on 'relative change' which is likely to be exaggerated given the low-rise nature of the existing structures on site. Where there is more than a 20% reduction in VSC, this does not mean that the level of daylight will be unacceptable but, rather, that there may be a noticeable change in daylight levels to the occupants.

Therefore, given the location of the proposed development, with the height of the immediate neighbouring buildings to the north and east being more than two storeys in height, it is important to take into account that, although the 27% VSC target is the standard criterion available, it is not fully applicable to the development and that a lower VSC target is acceptable.



SITE

The proposed development is a mixed-use scheme located on the corner of St. Margaret's Road and The Barons within the London Borough of Richmond. Part of the site lies within the Crown Road Conservation area, and adjacent to Twickenham Conservation area. Access to the site is mainly located off of The Barons Road, however there is also access to Block H from Arlington Rd.

The development comprises the refurbishment of a number of the existing studio blocks and also the construction of some new elements across the site. The proposal includes new studio areas, production offices, new café areas and other ancillary spaces along with some new apartments.

Site analysis was carried out to identify any potential daylight and sunlight impacts on the surrounding

development. Relevant properties tested in this report adjacent to the proposed development are annotated in the figure below.

The following neighbouring buildings were tested in detail:

- Old Lodge Place
- 109-117 St Margarets Place
- 116-124 St Margarets Place
- St Margarets Tavern
- 1-3 The Barons
- 14-24 St Margarets Court
- 2-12 St Margarets Court
- 9-10 Kelvin Drive
- 2-36 Kelvin Court
- Ravensbourne House
- Sefton Lodge
- Howmic Court.

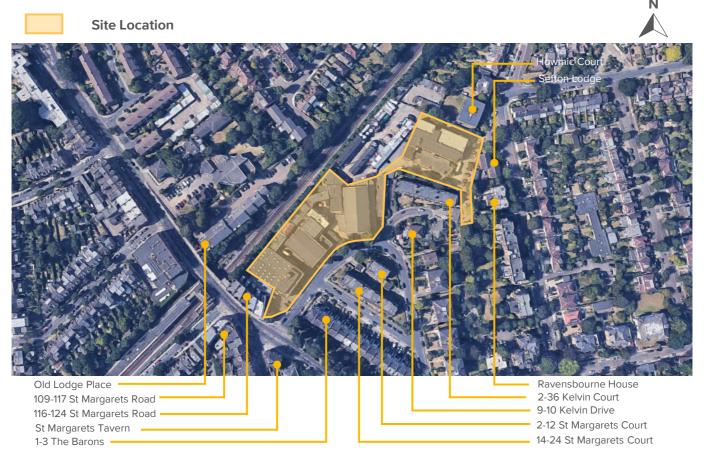


Figure 1: Site location and neighbouring buildings assessed.

METHODOLOGY

The assessment is based on guidelines set out in the BRE "Site Layout Planning for Daylight and Sunlight, A Guide to Good Practice" (2011).

DAYLIGHT

DAYLIGHT TO SURROUNDING WINDOWS

A plane is drawn at 25 degrees from the horizontal, at the centre of an existing window. If the new development intersects with this plane, the internal daylight levels of the surrounding windows may be reduced. When an obstruction of the 25-degree plane occurs, a more detailed assessment involving the Vertical Sky Component of the affected window would need to be carried out.

ABSOLUTE VERTICAL SKY COMPONENT (VSC)

The Vertical Sky Component is the ratio of the direct sky illuminance falling on the vertical wall at a reference point, to the simultaneous horizontal illuminance under an unobstructed sky. To maintain good levels of daylight, the Vertical Sky Component of a window needs to be 27% or greater. If the VSC is less than 27%, then a comparison of existing and proposed levels of VSC level would need to be calculated.

RELATIVE VERTICAL SKY COMPONENT

Good levels of daylighting can still be achieved if VSC levels are within 0.8 of their former value.

SUNLIGHT

ACCESS TO SUNLIGHT (APSH)

The BRE test relates mainly to existing living room windows, although care should be taken to ensure that kitchens and bedrooms receive reasonable amounts of sunlight. Annual Probable Sunlight Hour (APSH)

assessment is carried out when there is an obstruction within the 25-degree line and the window is facing within 90 degrees due south. The APSH assessment states that the existing living room window should receive at least:

- 25% of annual probable sunlight hours (APSH) throughout the year;
- 5% of annual probable sunlight hours during the winter months;
- not less than 80% of its former sunlight hours during either period;
- not more than a 4% reduction in sunlight received over the whole year (APSH).

The term 'annual probable sunlight hours' refers to the long-term average of the total of hours during a year in which direct sunlight reaches the unobstructed ground (when clouds are taken into account). The 'winter probable sunlight hours' is used to mean the same but only for the winter period (21 September – 21 March).

OVERSHADOWING

SUNLIGHT TO AMENITY SPACES

Open spaces should retain a reasonable amount of sunlight throughout the year. The BRE states that for an amenity space to "appear adequately sunlit throughout the year, at least half of the area should receive at least 2 hours of sunlight on 21 March". Where this is not achieved, the difference between the area achieving 2 hours of sun on 21 March should be no less than 0.8 times its former value.



DAYLIGHT ASSESSMENT

The analysis indicates that the proposed development is unlikely to have a significant impact on neighbouring windows in terms of daylight. The following subsections detail the findings for each neighbouring building individually.

OLD LODGE PLACE

This building is located to the west of the proposed development. Figure 2 shows the assessed windows.

The results show that of the 90 windows assessed, 60 passed the 25-degree line test and the remaining 30 windows achieved an absolute VSC greater than 27%. The table below summarises the findings.



Figure 2: Old Lodge Place windows.

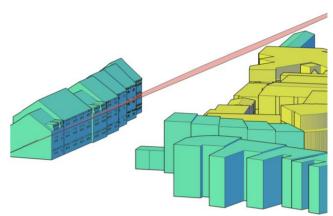


Figure 3: 25-degree test results.

Table 3: Daylight results summary for Old Lodge Place.

Number of windows tested	90
Number of windows passing the 25° initial test	60
Number of windows with a VSC higher than 27%	30
Number of windows that do not meet any of the above criteria	0



109-117 ST MARGARETS ROAD

These buildings are located to the south of the proposed development. Figure 4 shows the assessed windows.

The results show that all of the 21 windows assessed passed the 25-degree line test and therefore did not require further testing. The table below summarises the findings.



Figure 4: Windows assessed along 109-117 St Margarets Road.

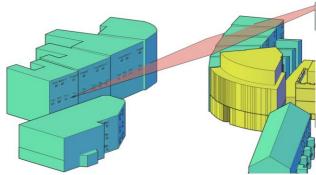


Figure 5: 25-degree line test results.

Table 4: Daylight results summary for 109-117 St Margarets Road.

Number of windows tested	21
Number of windows passing the 25° initial test	21
Number of windows that do not meet any of the above criteria	0

116-124 ST MARGARETS ROAD

These buildings are located to the south of the proposed development. Figure 6 shows the assessed windows.

The results show that of the 37 windows assessed, none passed the 25-degree line test. It was then found that 12 windows achieved an absolute VSC greater than at least 27% and a further 24 windows achieved a relative VSC greater than at least 80% when compared to the existing value.

The remaining window was found not to meet any of the above criteria; however, it still maintained an absolute VSC greater than 20% (and only marginally below 27% - 26.7%) which is considered acceptable in an urban environment as stipulated by the GLA¹.

The table below summarises the findings. Detailed results are presented in Appendix B - Detailed Daylight Results.



Figure 6: Windows assessed along 116-124 St Margarets Road.

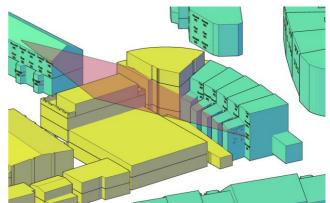


Figure 7: 25-degree line test results.

Table 5: Daylight results summary for 116-124 St Margarets Road.

Number of windows tested	37
Number of windows passing the 25° initial test	0
Number of windows with a VSC higher than 275	12
Number of windows with a VSC of at least 0.8 of existing value	24
Number of windows with a VSC higher than 20%	1
Number of windows that do not meet any of the above criteria	0



¹ Greater London Authority: Representation hearing report D&P/3067/03 – Appendix 1 Daylight and sunlight assessment tests (18 November 2013)

ST MARGARETS TAVERN

This building is located to the south of the proposed development. Figure 8 shows the assessed windows.

The results show that of the 9 windows assessed, 2 passed the 25-degree line test. It was then found that the remaining 7 windows achieved an absolute VSC greater than at least 27%. The table below summarises the findings.

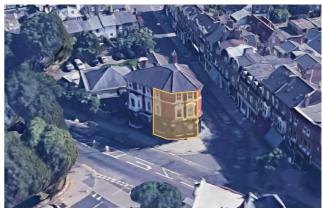


Figure 8: Windows assessed for St Margarets Tavern.

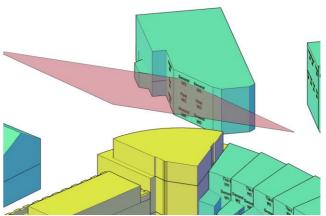


Figure 9: 25-degree line test results.

Table 6: Daylight results summary for St Margarets Tavern.

Number of windows tested	9
Number of windows passing the 25° initial test	2
Number of windows with a VSC higher than 27%	7
Number of windows that do not meet any of the above criteria	0



1-3 THE BARONS

This building is located to the east of the proposed development. Figure 10 shows the assessed windows.

The results show that of the 26 windows assessed, none passed the 25-degree line test. It was then found that 19 windows achieved an absolute VSC greater than at least 27% and the remaining 7 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 10: Windows assessed for 1-3 The Barons.

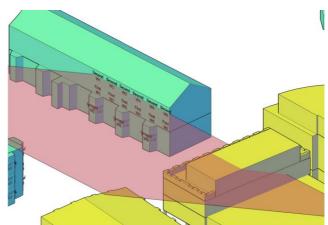


Figure 11: 25-degree line test results.

Table 7: Daylight results summary for 1-3 The Barons.

Number of windows tested	26
Number of windows passing the 25° initial test	0
Number of windows with a VSC higher than 27%	19
Number of windows with a VSC of at least 0.8 of the existing value	7
Number of windows that do not meet any of the above criteria	0



14-24 ST MARGARETS COURT

This building is located to the east of the proposed development. Figure 12 shows the assessed windows.

The results show that of the 48 windows assessed, none passed the 25-degree line test. It was then found that 36 windows achieved an absolute VSC greater than at least 27% and the remaining 12 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 12: Windows assessed for 14-24 St Margarets Court.

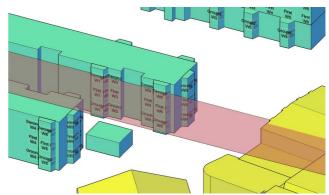


Figure 13: 25-degree line test results.

Table 8: Daylight results summary for 14-24 St Margarets Court.

Number of windows tested	48
Number of windows passing the 25° initial test	0
Number of windows with a VSC higher than 27%	36
Number of windows with a VSC of at least 0.8 of the existing value	12
Number of windows that do not meet any of the above criteria	0

2-12 ST MARGARETS COURT

This building is located to the east of the proposed development. Figure 14 shows the assessed windows.

The results show that of the 39 windows assessed, none passed the 25-degree line test. It was then found that 28 windows achieved an absolute VSC greater than at least 27% and the remaining 11 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 14: Windows assessed for 2-12 St Margarets Court.

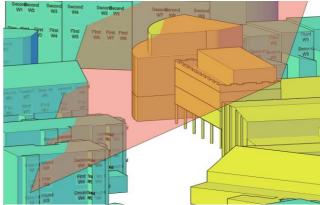


Figure 15: 25-degree line test results.

Table 9: Daylight results summary for 2-12 St Margarets Court.

Number of windows tested	39
Number of windows passing the 25° initial test	0
Number of windows with a VSC higher than 27%	28
Number of windows with a VSC of at least 0.8 of the existing value	11
Number of windows that do not meet any of the above criteria	0

9-10 KELVIN DRIVE

This building is located to the east of the proposed development. Figure 16 shows the assessed windows.

The results show that of the 11 windows assessed, none passed the 25-degree line test. It was then found that 9 windows achieved an absolute VSC greater than at least 27% and the remaining 2 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 16: Windows assessed for 9-10 Kelvin Drive.

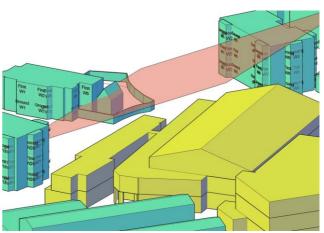


Figure 17: 25-degree line test results.

Table 10: Daylight results summary for 9-10 Kelvin Drive.

Number of windows tested	11
Number of windows passing the 25° initial test	0
Number of windows with a VSC higher than 27%	9
Number of windows with a VSC of at least 0.8 of the existing value	2
Number of windows that do not meet any of the above criteria	0



2-36 KELVIN COURT

This building is located to the east of the proposed development. Figure 18 shows the assessed windows.

The results show that of the 75 windows assessed, 12 passed the 25-degree line test. It was then found that 44 windows achieved an absolute VSC greater than at least 27% and the remaining 19 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 18: Windows assessed for 2-36 Kelvin Court.

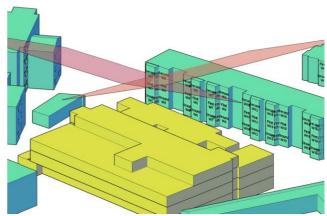


Figure 19: 25-degree line test results.

Table 11: Daylight results summary for 2-36 Kelvin Court.

Number of windows tested	75
Number of windows passing the 25° initial test	12
Number of windows with a VSC higher than 27%	44
Number of windows with a VSC of at least 0.8 of the existing value	19
Number of windows that do not meet any of the above criteria	0

RAVENSBOURNE HOUSE

This building is located to the east of the proposed development. Figure 20 shows the assessed windows.

The results show that of the 14 windows assessed, 8 passed the 25-degree line test. It was then found that 4 windows achieved an absolute VSC greater than at least 27% and the remaining 2 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 20: Windows assessed for Ravensbourne House.

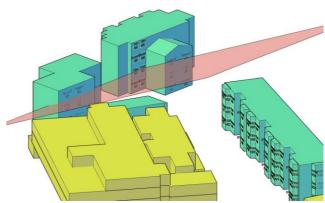


Figure 21: 25-degree line test results.

Table 12: Daylight results summary for Ravensbourne House.

Number of windows tested	14
Number of windows passing the 25° initial test	8
Number of windows with a VSC higher than 27%	4
Number of windows with a VSC of at least 0.8 of the existing value	2
Number of windows that do not meet any of the above criteria	0



SEFTON LODGE

This building is located to the east of the proposed development. Figure 22 shows the assessed windows.

The results show that of the 6 windows assessed, 2 passed the 25-degree line test. It was then found that the remaining 4 windows achieved an absolute VSC greater than at least 27%. The table below summarises the findings.



Figure 22: Windows assessed for Sefton Lodge.

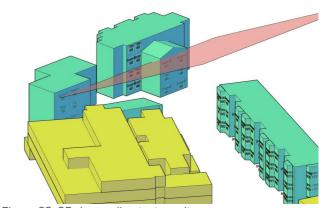


Figure 23: 25-degree line test results.

Table 13: Daylight results summary for Sefton Lodge.

Number of windows tested	6
Number of windows passing the 25° initial test	2
Number of windows with a VSC higher than 27%	4
Number of windows that do not meet any of the above criteria	0



HOWMIC COURT

This building is located to the northeast of the proposed development. Figure 24 shows the assessed windows.

The results show that of the 8 windows assessed, 4 passed the 25-degree line test. It was then found that 2 windows achieved an absolute VSC greater than at least 27% and the remaining 2 windows achieved a relative VSC greater than at least 80% when compared to the existing value. The table below summarises the findings.



Figure 24: Windows assessed for Howmic Court.

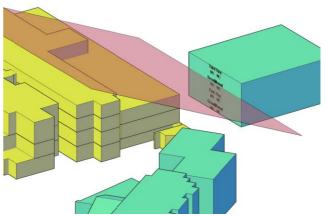


Figure 25: 25-degree line test results.

Table 14: Daylight results summary for Howmic Court.

Number of windows tested	8
Number of windows passing the 25° initial test	4
Number of windows with a VSC higher than 27%	2
Number of windows with a VSC of at least 0.8 of the existing value	2
Number of windows that do not meet any of the above criteria	0

SUNLIGHT ASSESSMENT

The analysis indicates that the proposed development is unlikely to have a significant impact on neighbouring south facing windows in terms of sunlight.

The BRE guide states that:

"if a living room of an existing dwelling has a main window facing within 90° of due south, and any part of a new development subtends an angle of more than 25° to the horizontal measured from the centre of the window in a vertical section perpendicular to the window, then the sunlighting of the existing dwelling may be adversely affected"

A total of 167 windows from buildings surrounding the site were highlighted as facing the development and within 90° of due south.

The analysis indicated that all windows within 90° due south satisfy the BRE criteria for sunlight.

The table below shows the results summary. The detailed results can be found in Appendix C - Detailed Sunlight Results.

Overall, the proposed development is not considered to have any notable impact on sunlight access to windows of surrounding developments.

Table 15: Sunlight results summary.

Total number of windows facing within 90° of south	167
Number of south facing windows passing the 25° initial test	74
Number of south facing windows with APSH greater than 25% and WPSH greater than 5%, or of at least 0.8 of their former existing value	93
Number of south facing windows with less than 4% reduction in annual sunlight	0
Number of windows that do not meet any of the above criteria	0



OVERSHADOWING ASSESSMENT

The analysis indicates that the proposed development is unlikely to have a significant impact on the sunlight received by neighbouring amenity spaces.

A review of the site plan showed that there is one private amenity space in close proximity to the proposed development, as shown in the figure below. A Solar Access Analysis was undertaken on this amenity area for the full 24 hours on 21 March as set out by the BRE.

The images show that at least 50% of the analysed space will receive more than 2 hours of sunlight on 21

March under proposed conditions, meeting the BRE requirements for overshadowing.

The proposed development is not considered to have any significant impact on sunlight access to neighbouring amenity and open spaces.

Amenity Area

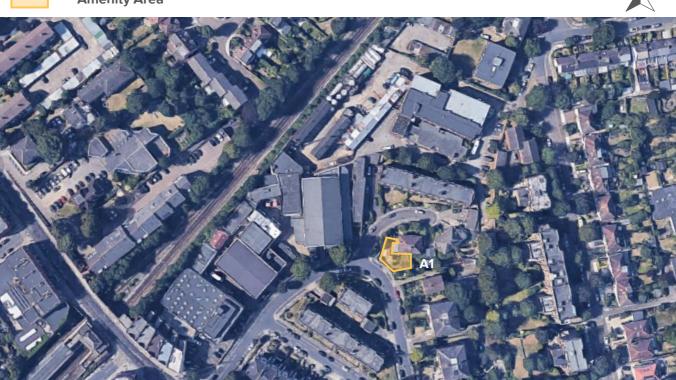


Figure 26: Amenity and open spaces in close proximity to development site.

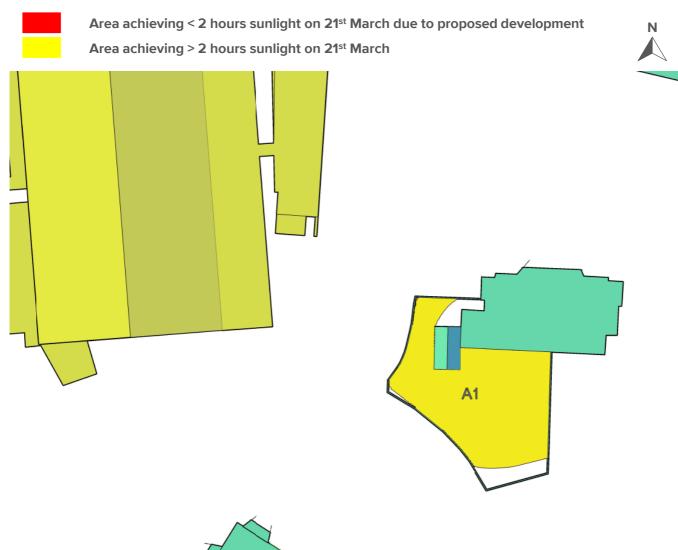


Figure 27: Overshadowing results for proposed development.

CONCLUSION

The daylight, sunlight and overshadowing analysis indicates that there will not be a significant impact on surrounding properties arising from the proposed development at Twickenham Studios.

DAYLIGHT ASSESSMENT

A total of 384 windows from buildings surrounding the site were highlighted as being in close proximity to, and facing the proposed development.

Daylighting levels for potentially affected windows of surrounding developments by the proposed development at Twickenham Studios were found to be acceptable.

In summary,

- 109 out of 384 windows passed the 25-degree line test:
- 195 of the remaining 275 windows achieved VSCs greater than 27%;
- 79 windows achieved relative VSCs over 0.8 of their former values; and,
- the remaining window was found not meet the above criteria, but still received a VSC well above 20% (26.7%) which is considered acceptable for an urban environment.

Overall, the development is not anticipated to have any notable impact on the daylight received by neighbouring properties.

SUNLIGHT ASSESSMENT

A total of 167 windows from buildings surrounding the site were assessed for sunlight access. The analysis indicated that 74 of the 167 windows passed the 25-degree line test. All of the remaining 93 windows satisfied the BRE criteria for annual probable sunlight hours (APSH) and winter probable sunlight hours (WPSH).

Therefore, the proposed development at Twickenham Studios is not considered to have any notable impact on sunlight access to windows of surrounding developments.

OVERSHADOWING ASSESSMENT

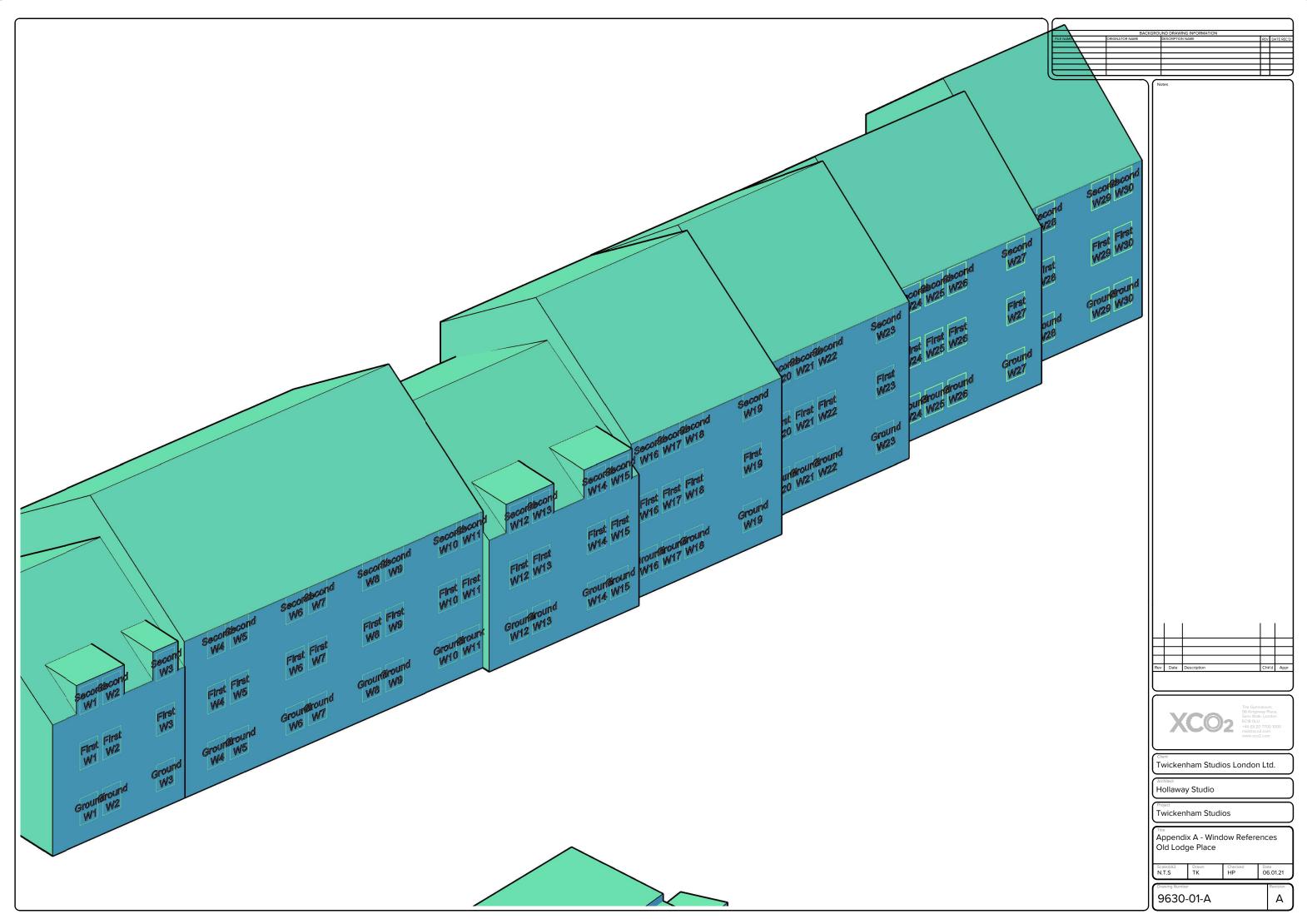
A solar access analysis was undertaken for a single amenity space for the full 24 hours on 21st of March. This space is predicted to have a minimum of 2 hours of sunlight on 21 March over at least 50% of the assessed area.

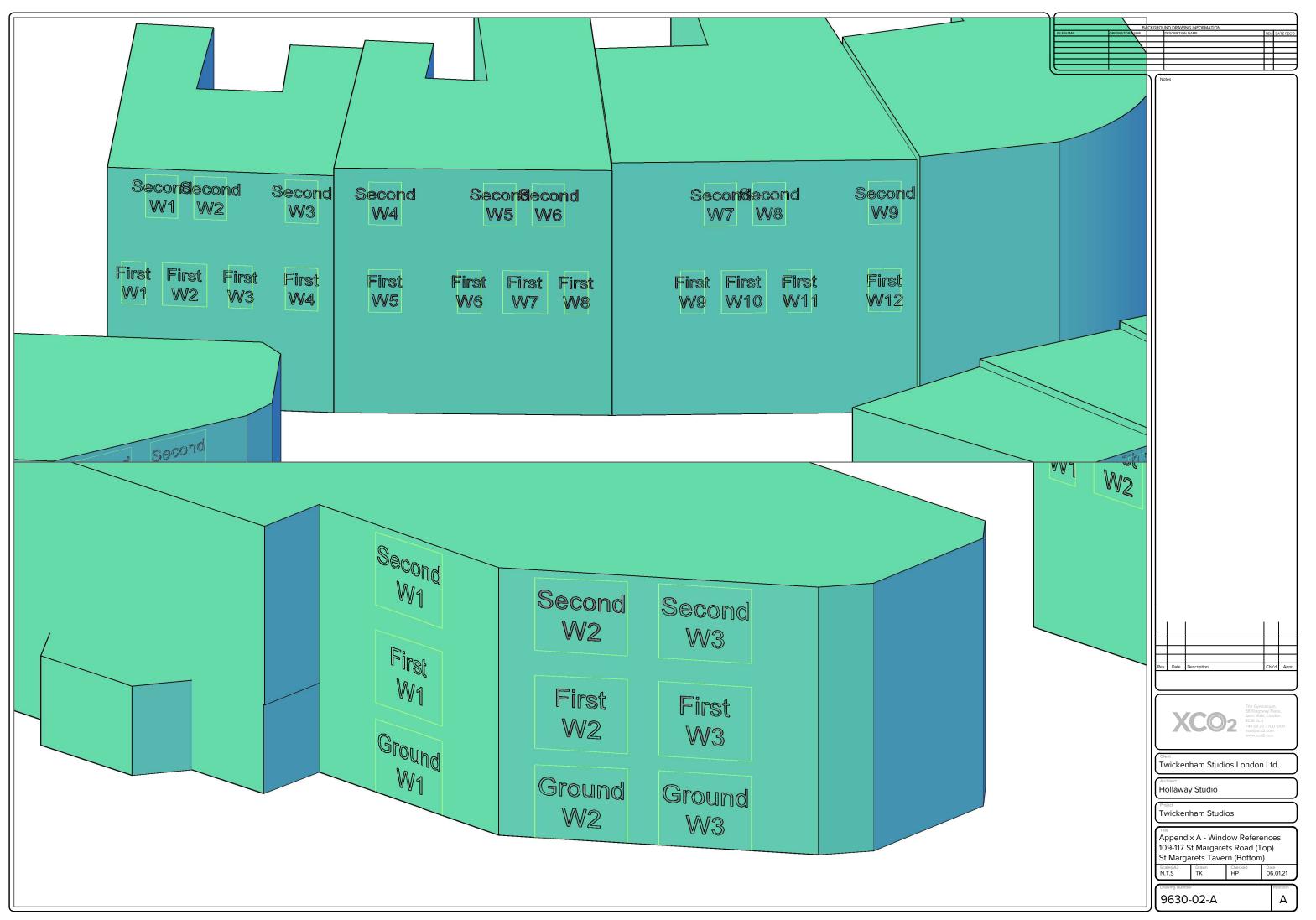
The proposed development is therefore not considered to have any significant impact on sunlight access to the amenity spaces surrounding the site.

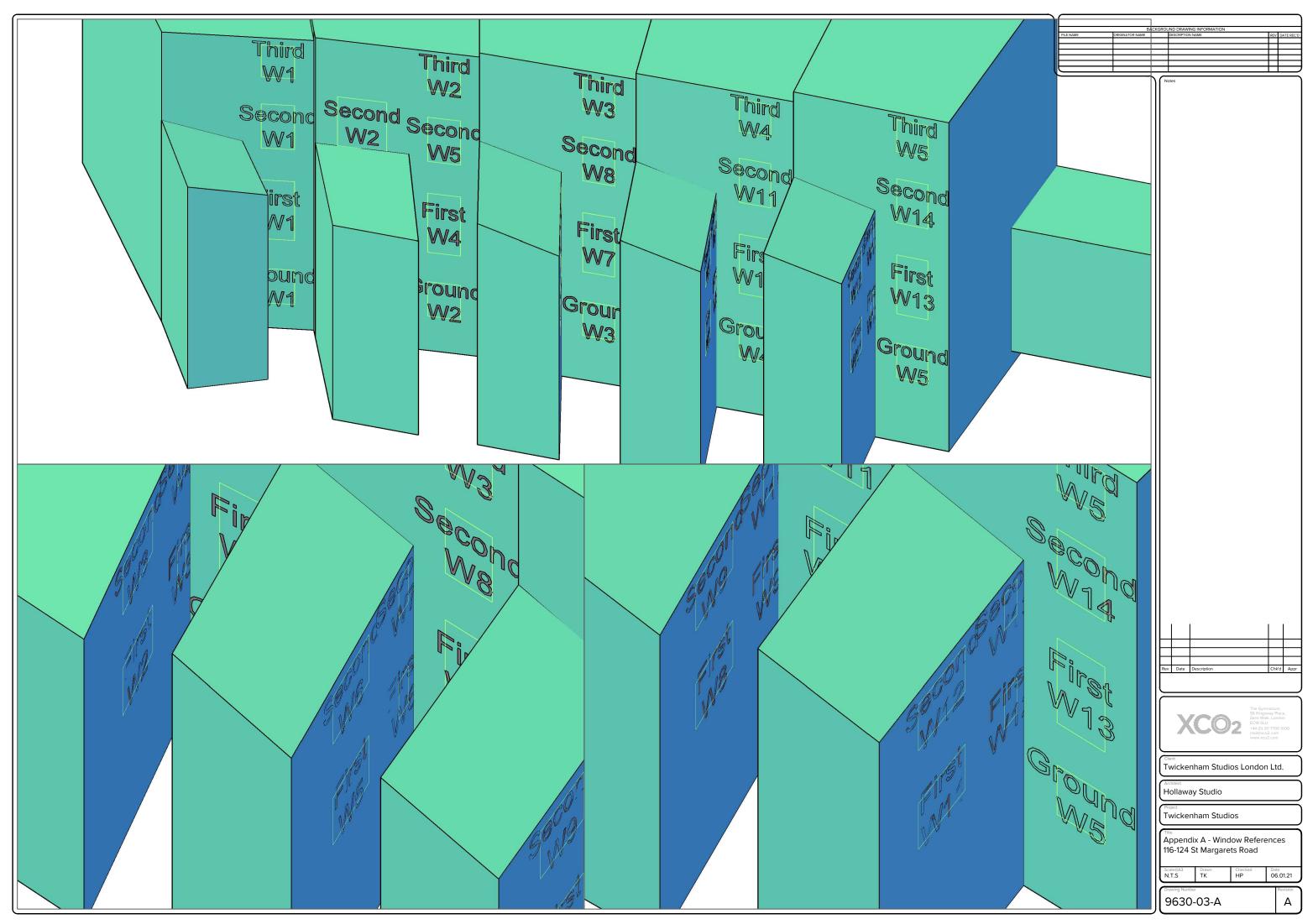


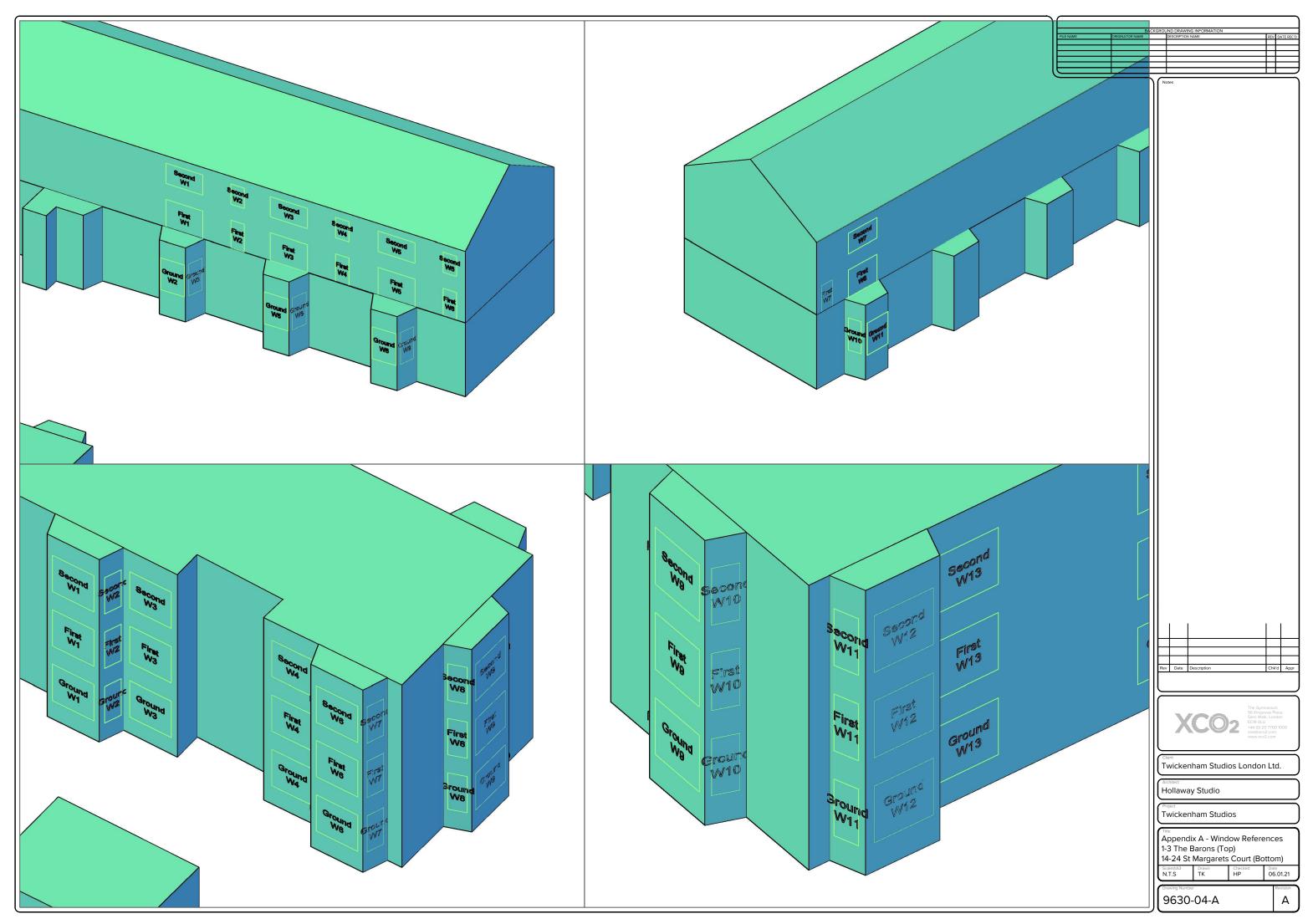
APPENDIX A - WINDOW REFERENCE

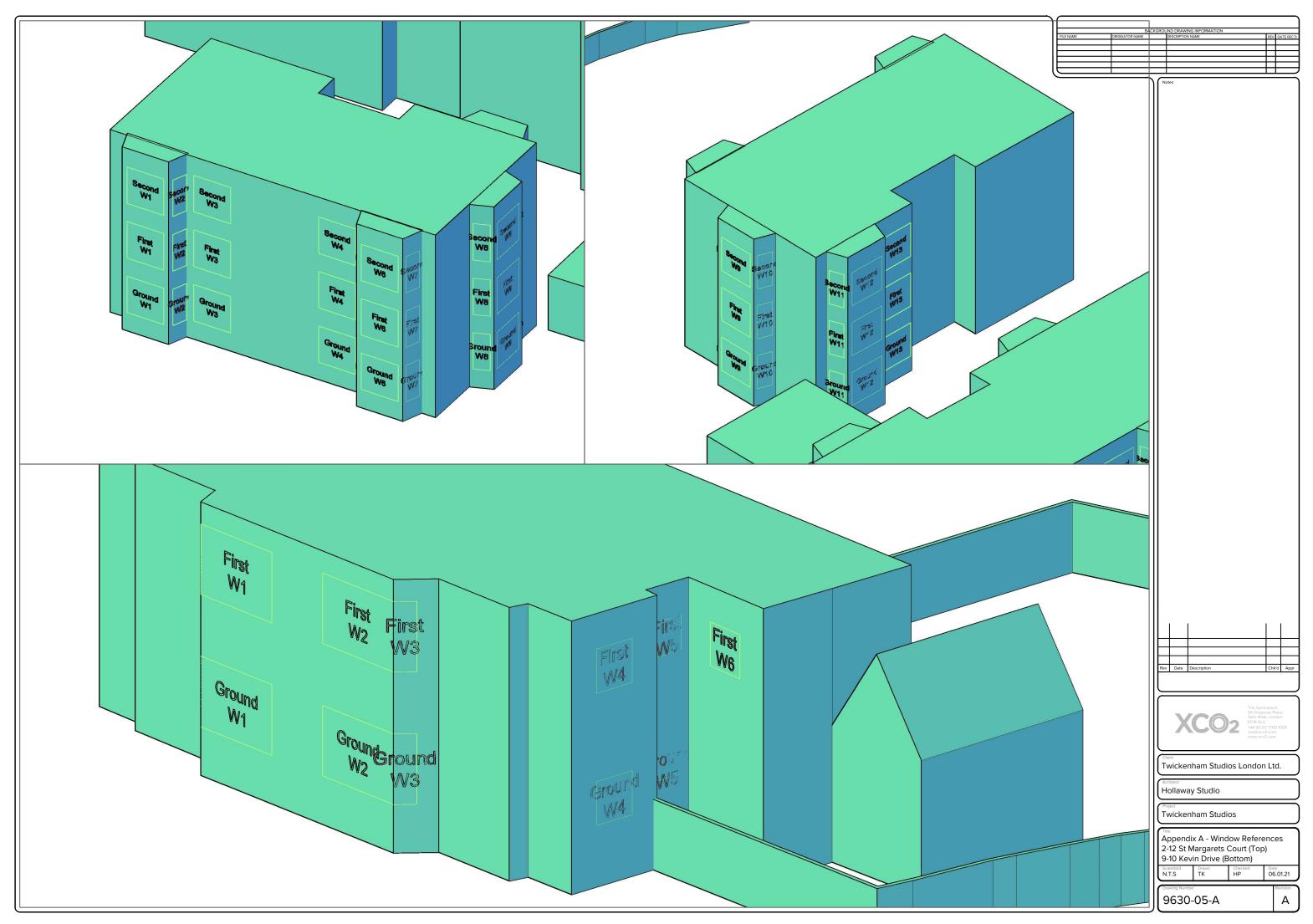




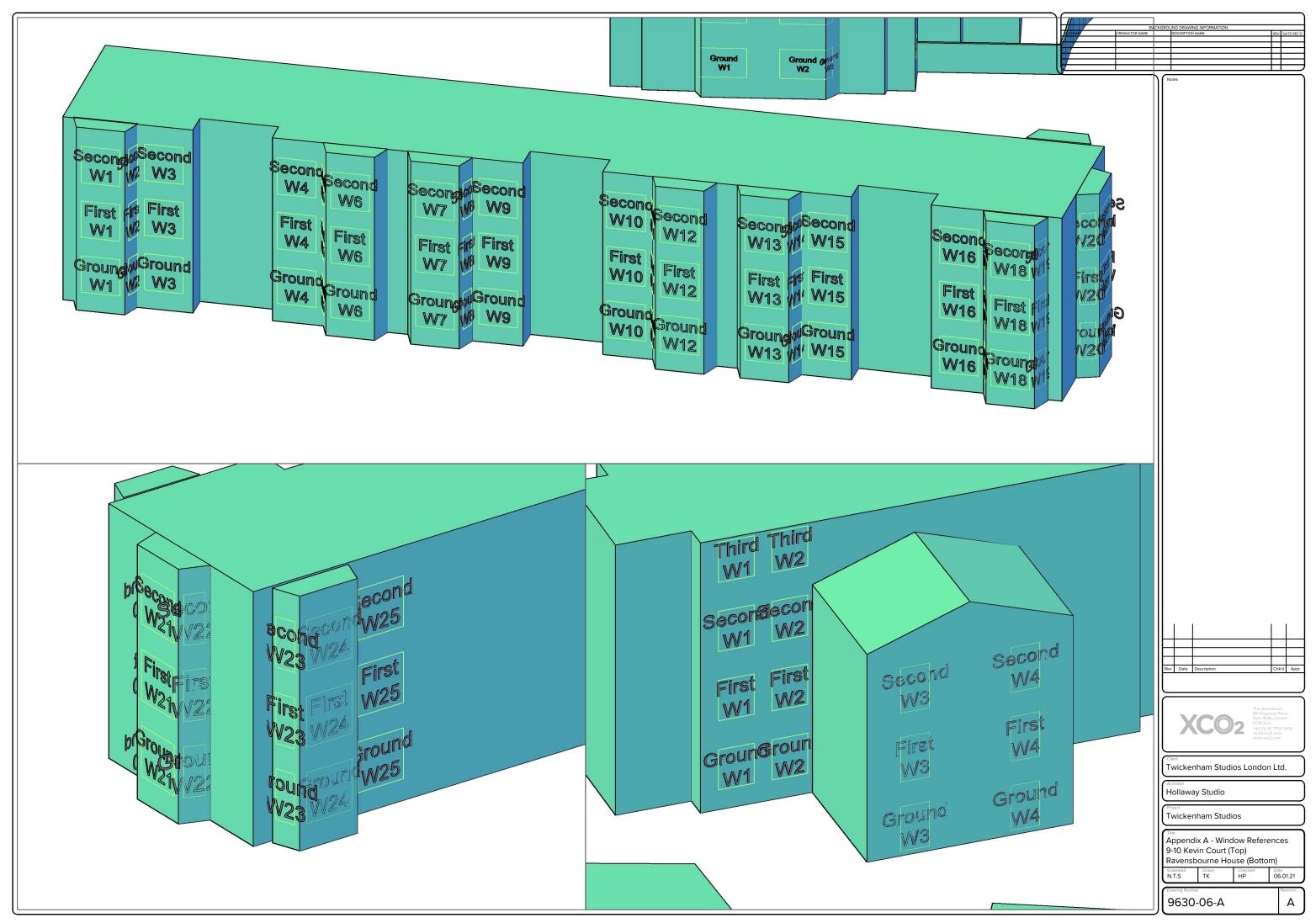


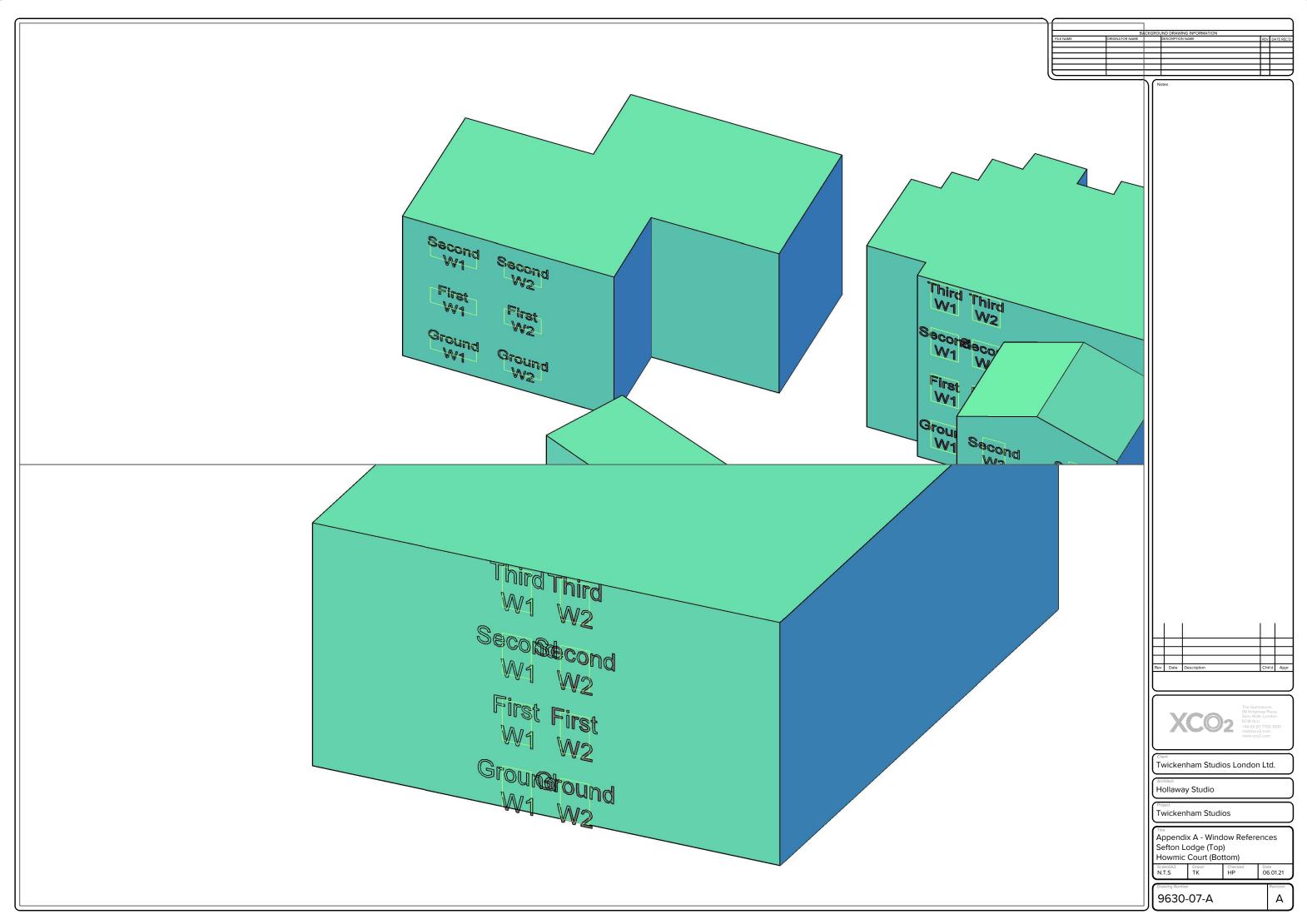






_





__

APPENDIX B - DETAILED DAYLIGHT RESULTS

	Window		VSC tests				
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
109-117 St Margarets Road	First	W1	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W2	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W3	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W4	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W5	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W6	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W7	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W8	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W9	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W10	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W11	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	First	W12	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W1	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W2	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W3	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W4	Pass	-	-	-	Meets BRE Criteria



Building Floor	Mi	Window	Window	VSC tests			
	no. 25-degree plane t	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments	
109-117 St Margarets Road	Second	W5	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W6	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W7	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W8	Pass	-	-	-	Meets BRE Criteria
109-117 St Margarets Road	Second	W9	Pass	-	-	-	Meets BRE Criteria
St Margarets Tavern	Ground	W1	Further testing required	32.8%	33.1%	0.99	Meets BRE Criteria
St Margarets Tavern	Ground	W2	Further testing required	32.8%	34.2%	0.96	Meets BRE Criteria
St Margarets Tavern	Ground	W3	Further testing required	32.4%	34.1%	0.95	Meets BRE Criteria
St Margarets Tavern	First	W1	Further testing required	34.3%	34.5%	0.99	Meets BRE Criteria
St Margarets Tavern	First	W2	Further testing required	34.6%	35.7%	0.97	Meets BRE Criteria
St Margarets Tavern	First	W3	Further testing required	34.3%	35.7%	0.96	Meets BRE Criteria
St Margarets Tavern	Second	W1	Further testing required	37.0%	37.1%	1	Meets BRE Criteria
St Margarets Tavern	Second	W2	Pass	-	-	-	Meets BRE Criteria
St Margarets Tavern	Second	W3	Pass	-	-	-	Meets BRE Criteria
116-124 St Margarets Road	Ground	W1	Further testing required	6.6%	6.6%	1	Meets BRE Criteria
116-124 St Margarets Road	Ground	W2	Further testing required	6.1%	6.1%	1	Meets BRE Criteria
116-124 St Margarets Road	Ground	W3	Further testing required	6.6%	6.6%	1	Meets BRE Criteria
116-124 St Margarets Road	Ground	W4	Further testing required	7.3%	7.3%	1	Meets BRE Criteria
116-124 St Margarets Road	Ground	W5	Further testing required	20.1%	20.1%	1	Meets BRE Criteria



	Window		VSC tests				
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
116-124 St Margarets Road	First	W1	Further testing required	11.7%	11.9%	0.98	Meets BRE Criteria
116-124 St Margarets Road	First	W2	Further testing required	4.4%	4.4%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W3	Further testing required	2.9%	2.9%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W4	Further testing required	11.6%	11.6%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W5	Further testing required	5.0%	5.0%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W6	Further testing required	3.3%	3.3%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W7	Further testing required	12.5%	12.5%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W8	Further testing required	6.0%	6.0%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W9	Further testing required	3.8%	3.8%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W10	Further testing required	13.4%	13.4%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W11	Further testing required	31.4%	31.4%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W12	Further testing required	18.0%	18.0%	1	Meets BRE Criteria
116-124 St Margarets Road	First	W13	Further testing required	24.0%	24.0%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W1	Further testing required	26.7%	35.2%	0.76	VSC greater than 20%
116-124 St Margarets Road	Second	W2	Further testing required	32.6%	36.9%	0.88	Meets BRE Criteria
116-124 St Margarets Road	Second	W3	Further testing required	11.9%	11.9%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W4	Further testing required	7.8%	7.8%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W5	Further testing required	33.5%	35.4%	0.95	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
116-124 St Margarets Road	Second	W6	Further testing required	12.8%	12.8%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W7	Further testing required	8.4%	8.4%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W8	Further testing required	35.8%	36.5%	0.98	Meets BRE Criteria
116-124 St Margarets Road	Second	W9	Further testing required	13.7%	13.7%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W10	Further testing required	9.2%	9.2%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W11	Further testing required	36.2%	36.5%	0.99	Meets BRE Criteria
116-124 St Margarets Road	Second	W12	Further testing required	32.9%	32.9%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W13	Further testing required	19.0%	19.0%	1	Meets BRE Criteria
116-124 St Margarets Road	Second	W14	Further testing required	38.2%	38.4%	1	Meets BRE Criteria
116-124 St Margarets Road	Third	W1	Further testing required	29.6%	37.5%	0.79	Meets BRE Criteria
116-124 St Margarets Road	Third	W2	Further testing required	36.8%	38.1%	0.97	Meets BRE Criteria
116-124 St Margarets Road	Third	W3	Further testing required	38.3%	38.8%	0.99	Meets BRE Criteria
116-124 St Margarets Road	Third	W4	Further testing required	39.0%	39.1%	1	Meets BRE Criteria
116-124 St Margarets Road	Third	W5	Further testing required	39.2%	39.3%	1	Meets BRE Criteria
1-3 The Barons	Ground	W1	Further testing required	24.5%	24.5%	1	Meets BRE Criteria
1-3 The Barons	Ground	W2	Further testing required	33.6%	33.7%	1	Meets BRE Criteria
1-3 The Barons	Ground	W3	Further testing required	23.0%	23.0%	1	Meets BRE Criteria
1-3 The Barons	Ground	W4	Further testing required	25.5%	25.5%	1	Meets BRE Criteria
1-3 The Barons	Ground	W5	Further testing required	33.7%	33.7%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
1-3 The Barons	Ground	W6	Further testing required	22.7%	22.7%	1	Meets BRE Criteria
1-3 The Barons	Ground	W7	Further testing required	26.0%	26.0%	1	Meets BRE Criteria
1-3 The Barons	Ground	W8	Further testing required	33.5%	33.5%	1	Meets BRE Criteria
1-3 The Barons	Ground	W9	Further testing required	22.6%	22.6%	1	Meets BRE Criteria
1-3 The Barons	Ground	W10	Further testing required	23.0%	26.3%	0.88	Meets BRE Criteria
1-3 The Barons	Ground	W11	Further testing required	35.5%	36.0%	0.99	Meets BRE Criteria
1-3 The Barons	First	W1	Further testing required	36.6%	36.7%	1	Meets BRE Criteria
1-3 The Barons	First	W2	Further testing required	36.6%	36.7%	1	Meets BRE Criteria
1-3 The Barons	First	W3	Further testing required	36.6%	36.6%	1	Meets BRE Criteria
1-3 The Barons	First	W4	Further testing required	36.5%	36.5%	1	Meets BRE Criteria
1-3 The Barons	First	W5	Further testing required	36.4%	36.4%	1	Meets BRE Criteria
1-3 The Barons	First	W6	Further testing required	36.1%	36.1%	1	Meets BRE Criteria
1-3 The Barons	First	W7	Further testing required	36.8%	37.4%	0.98	Meets BRE Criteria
1-3 The Barons	First	W8	Further testing required	37.2%	37.6%	0.99	Meets BRE Criteria
1-3 The Barons	Second	W1	Further testing required	38.6%	38.7%	1	Meets BRE Criteria
1-3 The Barons	Second	W2	Further testing required	38.6%	38.6%	1	Meets BRE Criteria
1-3 The Barons	Second	W3	Further testing required	38.5%	38.6%	1	Meets BRE Criteria
1-3 The Barons	Second	W4	Further testing required	38.5%	38.5%	1	Meets BRE Criteria
1-3 The Barons	Second	W5	Further testing required	38.3%	38.4%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	Floor no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
1-3 The Barons	Second	W6	Further testing required	38.2%	38.2%	1	Meets BRE Criteria
1-3 The Barons	Second	W7	Further testing required	38.5%	38.8%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W1	Further testing required	26.3%	26.4%	1	Meets BRE Criteria
14-24 St Margarets Court	Ground	W2	Further testing required	22.5%	22.6%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W3	Further testing required	26.0%	26.1%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W4	Further testing required	28.4%	28.6%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W5	Further testing required	21.3%	21.3%	1	Meets BRE Criteria
14-24 St Margarets Court	Ground	W6	Further testing required	31.8%	32.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W7	Further testing required	27.8%	28.3%	0.98	Meets BRE Criteria
14-24 St Margarets Court	Ground	W8	Further testing required	24.5%	24.9%	0.98	Meets BRE Criteria
14-24 St Margarets Court	Ground	W9	Further testing required	30.0%	30.5%	0.98	Meets BRE Criteria
14-24 St Margarets Court	Ground	W10	Further testing required	23.3%	23.7%	0.98	Meets BRE Criteria
14-24 St Margarets Court	Ground	W11	Further testing required	27.4%	27.8%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W12	Further testing required	31.6%	31.9%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W13	Further testing required	29.8%	30.1%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W14	Further testing required	28.9%	29.1%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W15	Further testing required	21.6%	21.9%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Ground	W16	Further testing required	32.2%	32.4%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W1	Further testing required	31.2%	31.3%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
14-24 St Margarets Court	First	W2	Further testing required	25.4%	25.6%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W3	Further testing required	30.4%	30.5%	1	Meets BRE Criteria
14-24 St Margarets Court	First	W4	Further testing required	31.8%	31.9%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W5	Further testing required	24.6%	24.6%	1	Meets BRE Criteria
14-24 St Margarets Court	First	W6	Further testing required	35.2%	35.3%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W7	Further testing required	31.0%	31.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W8	Further testing required	27.0%	27.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W9	Further testing required	33.6%	33.9%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W10	Further testing required	25.4%	25.7%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W11	Further testing required	30.2%	30.5%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W12	Further testing required	33.9%	34.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W13	Further testing required	32.0%	32.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W14	Further testing required	31.1%	31.3%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W15	Further testing required	23.9%	24.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	First	W16	Further testing required	34.3%	34.5%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W1	Further testing required	36.5%	36.6%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W2	Further testing required	29.6%	29.7%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W3	Further testing required	35.1%	35.1%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W4	Further testing required	35.2%	35.3%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
14-24 St Margarets Court	Second	W5	Further testing required	29.1%	29.1%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W6	Further testing required	38.0%	38.1%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W7	Further testing required	33.8%	33.9%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W8	Further testing required	29.9%	30.0%	1	Meets BRE Criteria
14-24 St Margarets Court	Second	W9	Further testing required	36.8%	37.0%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W10	Further testing required	28.4%	28.7%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W11	Further testing required	32.9%	33.2%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W12	Further testing required	36.1%	36.4%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W13	Further testing required	34.5%	34.7%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W14	Further testing required	33.7%	33.9%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W15	Further testing required	27.8%	28.0%	0.99	Meets BRE Criteria
14-24 St Margarets Court	Second	W16	Further testing required	36.4%	36.6%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W1	Further testing required	36.8%	36.8%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W2	Further testing required	23.6%	23.6%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W3	Further testing required	34.0%	34.0%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W4	Further testing required	33.7%	33.7%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W5	Further testing required	25.8%	25.8%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W6	Further testing required	35.3%	35.3%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W7	Further testing required	28.3%	28.3%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-12 St Margarets Court	Ground	W8	Further testing required	24.5%	24.6%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W9	Further testing required	31.9%	32.0%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W10	Further testing required	20.8%	20.8%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W11	Further testing required	18.5%	18.5%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W12	Further testing required	21.0%	21.0%	1	Meets BRE Criteria
2-12 St Margarets Court	Ground	W13	Further testing required	20.5%	20.5%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W1	Further testing required	38.1%	38.1%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W2	Further testing required	25.8%	25.8%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W3	Further testing required	35.4%	35.4%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W4	Further testing required	35.3%	35.3%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W5	Further testing required	27.0%	27.0%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W6	Further testing required	37.4%	37.4%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W7	Further testing required	31.2%	31.2%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W8	Further testing required	27.1%	27.1%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W9	Further testing required	35.1%	35.2%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W10	Further testing required	24.5%	24.5%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W11	Further testing required	29.8%	29.9%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W12	Further testing required	27.9%	27.9%	1	Meets BRE Criteria
2-12 St Margarets Court	First	W13	Further testing required	26.7%	26.7%	1	Meets BRE Criteria



		Window	25-degree plane test		VSC tests		
Building	Floor	no.		Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-12 St Margarets Court	Second	W1	Further testing required	39.0%	39.0%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W2	Further testing required	29.0%	29.0%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W3	Further testing required	36.9%	36.9%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W4	Further testing required	36.8%	36.8%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W5	Further testing required	29.5%	29.5%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W6	Further testing required	38.8%	38.8%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W7	Further testing required	33.7%	33.7%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W8	Further testing required	30.1%	30.2%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W9	Further testing required	37.8%	37.9%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W10	Further testing required	28.9%	28.9%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W11	Further testing required	33.7%	33.7%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W12	Further testing required	35.2%	35.2%	1	Meets BRE Criteria
2-12 St Margarets Court	Second	W13	Further testing required	33.7%	33.7%	1	Meets BRE Criteria
9-10 Kelvin Drive	Ground	W1	Further testing required	30.7%	30.7%	1	Meets BRE Criteria
9-10 Kelvin Drive	Ground	W2	Further testing required	31.0%	31.0%	1	Meets BRE Criteria
9-10 Kelvin Drive	Ground	W3	Further testing required	28.9%	28.9%	1	Meets BRE Criteria
9-10 Kelvin Drive	Ground	W4	Further testing required	29.9%	30.0%	1	Meets BRE Criteria
9-10 Kelvin Drive	Ground	W5	Further testing required	17.3%	17.3%	1	Meets BRE Criteria
9-10 Kelvin Drive	First	W1	Further testing required	34.3%	34.3%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
9-10 Kelvin Drive	First	W2	Further testing required	34.6%	34.6%	1	Meets BRE Criteria
9-10 Kelvin Drive	First	W3	Further testing required	32.9%	32.9%	1	Meets BRE Criteria
9-10 Kelvin Drive	First	W4	Further testing required	34.6%	34.7%	1	Meets BRE Criteria
9-10 Kelvin Drive	First	W5	Further testing required	22.8%	22.8%	1	Meets BRE Criteria
9-10 Kelvin Drive	First	W6	Further testing required	27.8%	27.8%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W1	Further testing required	31.7%	32.9%	0.96	Meets BRE Criteria
2-36 Kelvin Court	Ground	W2	Further testing required	21.8%	23.1%	0.94	Meets BRE Criteria
2-36 Kelvin Court	Ground	W3	Further testing required	29.7%	31.1%	0.96	Meets BRE Criteria
2-36 Kelvin Court	Ground	W4	Further testing required	28.3%	30.5%	0.93	Meets BRE Criteria
2-36 Kelvin Court	Ground	W5	Further testing required	22.7%	23.1%	0.98	Meets BRE Criteria
2-36 Kelvin Court	Ground	W6	Further testing required	29.6%	32.4%	0.91	Meets BRE Criteria
2-36 Kelvin Court	Ground	W7	Further testing required	28.6%	31.8%	0.9	Meets BRE Criteria
2-36 Kelvin Court	Ground	W8	Further testing required	21.8%	23.1%	0.95	Meets BRE Criteria
2-36 Kelvin Court	Ground	W9	Further testing required	26.8%	29.7%	0.9	Meets BRE Criteria
2-36 Kelvin Court	Ground	W10	Further testing required	26.8%	29.5%	0.91	Meets BRE Criteria
2-36 Kelvin Court	Ground	W11	Further testing required	21.1%	22.7%	0.93	Meets BRE Criteria
2-36 Kelvin Court	Ground	W12	Further testing required	28.8%	31.6%	0.91	Meets BRE Criteria
2-36 Kelvin Court	Ground	W13	Further testing required	29.5%	31.8%	0.93	Meets BRE Criteria
2-36 Kelvin Court	Ground	W14	Further testing required	23.2%	23.4%	0.99	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-36 Kelvin Court	Ground	W15	Further testing required	28.2%	30.0%	0.94	Meets BRE Criteria
2-36 Kelvin Court	Ground	W16	Further testing required	29.4%	30.6%	0.96	Meets BRE Criteria
2-36 Kelvin Court	Ground	W17	Further testing required	21.6%	22.8%	0.95	Meets BRE Criteria
2-36 Kelvin Court	Ground	W18	Further testing required	32.2%	33.2%	0.97	Meets BRE Criteria
2-36 Kelvin Court	Ground	W19	Further testing required	29.6%	29.6%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W20	Further testing required	25.0%	25.0%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W21	Further testing required	25.4%	25.4%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W22	Further testing required	20.1%	20.1%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W23	Further testing required	23.4%	23.4%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W24	Further testing required	33.3%	33.3%	1	Meets BRE Criteria
2-36 Kelvin Court	Ground	W25	Further testing required	32.8%	32.8%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W1	Further testing required	34.8%	35.5%	0.98	Meets BRE Criteria
2-36 Kelvin Court	First	W2	Further testing required	24.8%	25.6%	0.97	Meets BRE Criteria
2-36 Kelvin Court	First	W3	Further testing required	32.8%	33.5%	0.98	Meets BRE Criteria
2-36 Kelvin Court	First	W4	Further testing required	31.9%	33.0%	0.97	Meets BRE Criteria
2-36 Kelvin Court	First	W5	Further testing required	25.4%	25.6%	0.99	Meets BRE Criteria
2-36 Kelvin Court	First	W6	Further testing required	33.6%	35.2%	0.96	Meets BRE Criteria
2-36 Kelvin Court	First	W7	Further testing required	33.1%	34.9%	0.95	Meets BRE Criteria
2-36 Kelvin Court	First	W8	Further testing required	25.2%	25.8%	0.97	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no. 25-degree pla	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-36 Kelvin Court	First	W9	Further testing required	31.0%	32.7%	0.95	Meets BRE Criteria
2-36 Kelvin Court	First	W10	Further testing required	31.1%	32.6%	0.95	Meets BRE Criteria
2-36 Kelvin Court	First	W11	Further testing required	24.5%	25.5%	0.96	Meets BRE Criteria
2-36 Kelvin Court	First	W12	Further testing required	33.3%	34.9%	0.96	Meets BRE Criteria
2-36 Kelvin Court	First	W13	Further testing required	33.8%	35.1%	0.96	Meets BRE Criteria
2-36 Kelvin Court	First	W14	Further testing required	26.3%	26.4%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W15	Further testing required	32.1%	33.1%	0.97	Meets BRE Criteria
2-36 Kelvin Court	First	W16	Further testing required	32.9%	33.5%	0.98	Meets BRE Criteria
2-36 Kelvin Court	First	W17	Further testing required	24.9%	25.6%	0.97	Meets BRE Criteria
2-36 Kelvin Court	First	W18	Further testing required	35.9%	36.4%	0.99	Meets BRE Criteria
2-36 Kelvin Court	First	W19	Further testing required	34.3%	34.3%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W20	Further testing required	28.7%	28.7%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W21	Further testing required	35.6%	35.6%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W22	Further testing required	26.9%	26.9%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W23	Further testing required	32.8%	32.8%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W24	Further testing required	37.1%	37.1%	1	Meets BRE Criteria
2-36 Kelvin Court	First	W25	Further testing required	35.2%	35.2%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W1	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W2	Pass	-	-	-	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-36 Kelvin Court	Second	W3	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W4	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W5	Further testing required	29.3%	29.3%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W6	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W7	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W8	Further testing required	29.6%	29.7%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W9	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W10	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W11	Further testing required	29.1%	29.4%	0.99	Meets BRE Criteria
2-36 Kelvin Court	Second	W12	Further testing required	37.4%	37.7%	0.99	Meets BRE Criteria
2-36 Kelvin Court	Second	W13	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W14	Further testing required	30.1%	30.1%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W15	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W16	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W17	Further testing required	29.5%	29.6%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W18	Pass	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W19	Further testing required	36.1%	36.2%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W20	Further testing required	31.1%	31.1%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W21	Further testing required	38.6%	38.7%	1	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
2-36 Kelvin Court	Second	W22	Further testing required	29.7%	29.8%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W23	Further testing required	35.7%	35.8%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W24	Further testing required	38.6%	38.6%	1	Meets BRE Criteria
2-36 Kelvin Court	Second	W25	Further testing required	36.8%	36.8%	1	Meets BRE Criteria
Ravensbourne House	Ground	W1	Further testing required	25.8%	26.1%	0.99	Meets BRE Criteria
Ravensbourne House	Ground	W2	Further testing required	19.7%	19.9%	0.99	Meets BRE Criteria
Ravensbourne House	Ground	W3	Further testing required	34.5%	34.8%	0.99	Meets BRE Criteria
Ravensbourne House	Ground	W4	Further testing required	35.2%	35.4%	0.99	Meets BRE Criteria
Ravensbourne House	First	W1	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W2	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W3	Further testing required	36.4%	36.6%	0.99	Meets BRE Criteria
Ravensbourne House	First	W4	Further testing required	36.9%	37.0%	1	Meets BRE Criteria
Ravensbourne House	Second	W1	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W2	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W3	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W4	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	Third	W1	Pass	-	-	-	Meets BRE Criteria
Ravensbourne House	Third	W2	Pass	-	-	-	Meets BRE Criteria
Sefton Lodge	Ground	W1	Further testing required	28.0%	28.9%	0.97	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
Sefton Lodge	Ground	W2	Further testing required	28.9%	30.0%	0.96	Meets BRE Criteria
Sefton Lodge	First	W1	Further testing required	32.8%	33.5%	0.98	Meets BRE Criteria
Sefton Lodge	First	W2	Further testing required	33.7%	34.6%	0.97	Meets BRE Criteria
Sefton Lodge	Second	W1	Pass	-	-	-	Meets BRE Criteria
Sefton Lodge	Second	W2	Pass	-	-	-	Meets BRE Criteria
Howmic Court	Ground	W1	Further testing required	24.3%	24.3%	1	Meets BRE Criteria
Howmic Court	Ground	W2	Further testing required	25.2%	25.2%	1	Meets BRE Criteria
Howmic Court	First	W1	Further testing required	28.8%	28.8%	1	Meets BRE Criteria
Howmic Court	First	W2	Further testing required	29.7%	29.7%	1	Meets BRE Criteria
Howmic Court	Second	W1	Pass	-	-	-	Meets BRE Criteria
Howmic Court	Second	W2	Pass	-	-	-	Meets BRE Criteria
Howmic Court	Third	W1	Pass	-	-	-	Meets BRE Criteria
Howmic Court	Third	W2	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W1	Further testing required	34.3%	34.3%	1	Meets BRE Criteria
Old Lodge Place	Ground	W2	Further testing required	34.2%	34.3%	1	Meets BRE Criteria
Old Lodge Place	Ground	W3	Further testing required	34.1%	34.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W4	Further testing required	34.0%	34.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W5	Further testing required	33.9%	34.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W6	Further testing required	33.9%	34.3%	0.99	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
Old Lodge Place	Ground	W7	Further testing required	33.9%	34.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W8	Further testing required	33.9%	34.2%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W9	Further testing required	33.9%	34.2%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W10	Further testing required	33.6%	33.8%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W11	Further testing required	31.3% 31.5%		0.99	Meets BRE Criteria
Old Lodge Place	Ground	W12	Further testing required	33.9% 34.2%		0.99	Meets BRE Criteria
Old Lodge Place	Ground	W13	Further testing required	33.9%	34.2%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W14	Further testing required	34.0%	34.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W15	Further testing required	34.0%	34.2%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W16	Further testing required	31.7%	31.9%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W17	Further testing required	33.4%	33.7%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W18	Further testing required	33.7%	34.0%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W19	Further testing required	33.8%	34.1%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W20	Further testing required	27.7%	27.9%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W21	Further testing required	31.8%	32.1%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W22	Further testing required	33.0%	33.2%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W23	Further testing required	33.6%	33.9%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W24	Further testing required	28.5%	28.8%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W25	Further testing required	32.3%	32.6%	0.99	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
Old Lodge Place	Ground	W26	Further testing required	33.2%	33.5%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W27	Further testing required	33.6%	34.0%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W28	Further testing required	28.8%	29.3%	0.99	Meets BRE Criteria
Old Lodge Place	Ground	W29	Further testing required	33.1%	33.6%	0.98	Meets BRE Criteria
Old Lodge Place	Ground	W30	Further testing required	33.4% 33.9%		0.98	Meets BRE Criteria
Old Lodge Place	First	W1	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W2	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W3	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W4	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W5	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W6	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W7	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W8	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W9	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W10	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W11	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W12	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W13	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W14	Pass	-	-	-	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
Old Lodge Place	First	W15	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W16	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W17	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W18	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W19	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W20	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W21	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W22	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W23	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W24	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W25	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W26	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W27	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W28	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W29	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W30	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W1	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W2	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W3	Pass	-	-	-	Meets BRE Criteria



		Window			VSC tests		
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	Existing VSC (%)	Relative VSC >0.8?	Comments
Old Lodge Place	Second	W4	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W5	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W6	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W7	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W8	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W9	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W10	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W11	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W12	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W13	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W14	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W15	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W16	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W17	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W18	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W19	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W20	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W21	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W22	Pass	-	-	-	Meets BRE Criteria



		Window				_	
Building	Floor	no.	25-degree plane test	Proposed VSC 27%?	I VSC 27%? Existing VSC (%) Rel		Comments
Old Lodge Place	Second	W23	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W24	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W25	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W26	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W27	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W28	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W29	Pass	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W30	Pass	-	-	-	Meets BRE Criteria



APPENDIX C - DETAILED SUNLIGHT RESULTS

					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
1-3 The Barons	Ground	W1	Further testing required	19.0%	19.0%	1.00	0.0%	0.0%	-	-	Meets BRE Criteria
1-3 The Barons	Ground	W4	Further testing required	20.0%	20.0%	1.00	1.0%	1.0%	1.00	-	Meets BRE Criteria
1-3 The Barons	Ground	W7	Further testing required	21.0%	21.0%	1.00	2.0%	2.0%	1.00	-	Meets BRE Criteria
1-3 The Barons	Ground	W11	Further testing required	71.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
1-3 The Barons	First	W7	Further testing required	72.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
1-3 The Barons	First	W8	Further testing required	74.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
1-3 The Barons	Second	W7	Further testing required	78.0%	-	-	28.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Ground	W5	Further testing required	17.0%	17.0%	1.00	2.0%	2.0%	1.00	-	Meets BRE Criteria
14-24 St Margarets Court	Ground	W10	Further testing required	29.0%	-	-	5.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Ground	W12	Further testing required	68.0%	-	-	20.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
14-24 St Margarets Court	Ground	W13	Further testing required	63.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Ground	W14	Further testing required	55.0%	-	-	16.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Ground	W16	Further testing required	71.0%	-	-	20.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	First	W5	Further testing required	22.0%	22.0%	1.00	2.0%	2.0%	1.00	-	Meets BRE Criteria
14-24 St Margarets Court	First	W10	Further testing required	34.0%	-	-	8.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	First	W12	Further testing required	76.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	First	W13	Further testing required	69.0%	-	-	24.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	First	W14	Further testing required	58.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	First	W16	Further testing required	76.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Second	W5	Further testing required	26.0%	-	-	3.0%	3.0%	1.00	-	Meets BRE Criteria
14-24 St Margarets Court	Second	W10	Further testing required	39.0%	-	-	9.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Second	W12	Further testing required	78.0%	-	-	26.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
14-24 St Margarets Court	Second	W13	Further testing required	71.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Second	W14	Further testing required	62.0%	-	-	21.0%	-	-	-	Meets BRE Criteria
14-24 St Margarets Court	Second	W16	Further testing required	79.0%	-	-	27.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	Ground	W5	Further testing required	20.0%	20.0%	1.00	2.0%	2.0%	1.00	-	Meets BRE Criteria
2-12 St Margarets Court	Ground	W10	Further testing required	29.0%	-	-	2.0%	2.0%	1.00	-	Meets BRE Criteria
2-12 St Margarets Court	Ground	W12	Further testing required	50.0%	-	-	8.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	Ground	W13	Further testing required	51.0%	-	-	9.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	First	W5	Further testing required	22.0%	22.0%	1.00	2.0%	2.0%	1.00	-	Meets BRE Criteria
2-12 St Margarets Court	First	W10	Further testing required	32.0%	-	-	4.0%	4.0%	1.00	-	Meets BRE Criteria
2-12 St Margarets Court	First	W12	Further testing required	68.0%	-	-	17.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	First	W13	Further testing required	64.0%	-	-	18.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	Second	W5	Further testing required	25.0%	-	-	2.0%	2.0%	1.00	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
2-12 St Margarets Court	Second	W10	Further testing required	40.0%	-	-	9.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	Second	W12	Further testing required	77.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
2-12 St Margarets Court	Second	W13	Further testing required	72.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Ground	W22	Further testing required	33.0%	-	-	9.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Ground	W23	Further testing required	37.0%	-	-	11.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Ground	W24	Further testing required	78.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Ground	W25	Further testing required	75.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	First	W22	Further testing required	48.0%	-	-	13.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	First	W23	Further testing required	50.0%	-	-	15.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	First	W24	Further testing required	84.0%	-	-	28.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	First	W25	Further testing required	77.0%	-	-	28.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W22	Further testing required	51.0%	-	-	15.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
2-36 Kelvin Court	Second	W23	Further testing required	53.0%	-	-	17.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W24	Further testing required	87.0%	-	-	30.0%	-	-	-	Meets BRE Criteria
2-36 Kelvin Court	Second	W25	Further testing required	79.0%	-	-	30.0%	-	-	-	Meets BRE Criteria
Ravensbourne House	Ground	W1	Further testing required	21.0%	22.0%	0.95	2.0%	2.0%	1.00	-	Meets BRE Criteria
Ravensbourne House	Ground	W2	Further testing required	12.0%	13.0%	0.92	0.0%	0.0%	-	-	Meets BRE Criteria
Ravensbourne House	Ground	W3	Further testing required	55.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
Ravensbourne House	Ground	W4	Further testing required	54.0%	-	-	20.0%	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W3	Further testing required	55.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
Ravensbourne House	First	W4	Further testing required	56.0%	-	-	20.0%	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Ravensbourne House	Second	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W3	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	Second	W4	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	Third	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Ravensbourne House	Third	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Sefton Lodge	Ground	W1	Further testing required	44.0%	-	-	15.0%	-	-	-	Meets BRE Criteria
Sefton Lodge	Ground	W2	Further testing required	47.0%	-	-	16.0%	-	-	-	Meets BRE Criteria
Sefton Lodge	First	W1	Further testing required	48.0%	-	-	17.0%	-	-	-	Meets BRE Criteria
Sefton Lodge	First	W2	Further testing required	51.0%	-	-	18.0%	-	-	-	Meets BRE Criteria
Sefton Lodge	Second	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Sefton Lodge	Second	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Howmic Court	Ground	W1	Further testing required	66.0%	-	-	14.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Howmic Court	Ground	W2	Further testing required	67.0%	-	-	15.0%	-	-	-	Meets BRE Criteria
Howmic Court	First	W1	Further testing required	73.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
Howmic Court	First	W2	Further testing required	75.0%	-	-	20.0%	-	-	-	Meets BRE Criteria
Howmic Court	Second	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Howmic Court	Second	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Howmic Court	Third	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Howmic Court	Third	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W1	Further testing required	75.0%	-	-	24.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W2	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W3	Further testing required	75.0%	-	-	24.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W4	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W5	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	Ground	W6	Further testing required	73.0%	-	-	22.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W7	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W8	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W9	Further testing required	74.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W10	Further testing required	74.0%	-	-	24.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W11	Further testing required	71.0%	-	-	24.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W12	Further testing required	76.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W13	Further testing required	77.0%	-	-	26.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W14	Further testing required	76.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W15	Further testing required	76.0%	-	-	25.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W16	Further testing required	60.0%	-	-	18.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W17	Further testing required	67.0%	-	-	22.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	Ground	W18	Further testing required	69.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W19	Further testing required	72.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W20	Further testing required	47.0%	-	-	13.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W21	Further testing required	60.0%	-	-	19.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W22	Further testing required	65.0%	-	-	21.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W23	Further testing required	70.0%	-	-	22.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W24	Further testing required	50.0%	-	-	13.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W25	Further testing required	63.0%	-	-	20.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W26	Further testing required	66.0%	-	-	21.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W27	Further testing required	72.0%	-	-	23.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W28	Further testing required	50.0%	-	-	13.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	Ground	W29	Further testing required	66.0%	-	-	21.0%	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			Comments
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	
Old Lodge Place	Ground	W30	Further testing required	69.0%	-	-	22.0%	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W3	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W4	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W5	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W6	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W7	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W8	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W9	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W10	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W11	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	First	W12	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W13	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W14	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W15	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W16	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W17	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W18	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W19	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W20	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W21	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W22	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W23	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	First	W24	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W25	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W26	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W27	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W28	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W29	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	First	W30	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W1	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W2	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W3	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W4	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W5	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	Second	W6	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W7	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W8	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W9	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W10	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W11	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W12	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W13	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W14	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W15	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W16	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W17	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	Second	W18	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W19	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W20	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W21	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W22	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W23	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W24	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W25	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W26	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W27	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W28	Pass	-	-	-	-	-	-	-	Meets BRE Criteria
Old Lodge Place	Second	W29	Pass	-	-	-	-	-	-	-	Meets BRE Criteria



					APSH test			WPSH test			
Building	Floor	Window no.	25-degree plane test	Proposed APSH >25%?	Existing APSH (%)	Relative APSH >0.8?	Proposed WPSH >5%?	Existing WPSH (%)	Relative WPSH >0.8?	Total reduction<4%?	Comments
Old Lodge Place	Second	W30	Pass	-	-	-	-	-	-	-	Meets BRE Criteria

