

HILLINGDON HOSPITAL LONDON BOROUGH OF HILLINGDON

DAYLIGHT AND SUNLIGHT REPORT

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1 Introduction

- 1.1 This report relates to the Proposed Scheme for the redevelopment of Hillingdon Hospital insofar as it affects the daylight and sunlight amenity to the surrounding residential properties.
- 1.2 The Local Authority will be informed in this by the BRE document entitled Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice 2011 (the BRE guidelines). This document is the principal guidance in this area and sets out the methodology for measuring light and recommends what it considers to be permitted or unobtrusive levels of change.
- 1.3 The BRE guidelines are not mandatory, though local planning authorities and planning inspectors will consider the suitability of a proposed scheme for a site within the context of BRE guidance. It should be noted that this is nationwide guidance and applies to rural, suburban and urban areas thus the BRE states in para 1.6 that the **numerical guidelines should be interpreted flexibly** and in special circumstances the developer or planning authority may wish to use different target values. For example, in a historical city centre or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings.
- 1.4 Consideration will be given to the context within which a scheme is located and the daylight and sunlight will be one of a number of planning considerations which the local authority will weigh.
- 1.5 Our assessment provides that few noticeable reductions to daylight or sunlight occur as a result of the development, and where they are present, the retained daylight levels are better than would be expected in the local environment.

2 Sources of Information

- 2.1 In the process of compiling this report, the following sources of information have been used:

Z-Mapping LTD

3D CAD Model of Site & Surroundings (received 18/03/20)

IBI Group

Proposed Scheme Info (received 08/03/22)

THHR_01-IBI-WB-ZZ-M3-A-0005_Externals.dwg

THHR_02-IBI-WB-ZZ-M3-A-0003_MSCP.dwg

Local Authority Planning Archive

Plans and Elevations:

17 Campion Close

22 Campion Close

59 Royal Lane

67 Royal Lane

71 Royal Lane

89 Royal Lane

97 Royal Lane

99 Royal Lane

115 Royal Lane

Elevations

101 Royal Lane

Estate Agency Plans

41, 42, 43, 45, 52 & 53 Arklay Close

9 Morton Close

3 Methodology

- 3.1 It is usual to assess daylight and sunlight in relation to the guidelines set out in the 2011 Building Research Establishment (BRE) Report 'Site layout planning for daylight and sunlight - A guide to good practice' by Paul Littlefair. This document is most widely accepted by planning authorities as the means by which to judge the acceptability of a scheme. One of the primary sources for the BRE Report is the more detailed guidance contained within 'British Standard 8206 Part 2:2008'.
- 3.2 In relation to the properties surrounding a site, usually the local planning authority will only be concerned with the impact to main habitable accommodation (i.e. living rooms, bedrooms and kitchens) within residential properties.
- 3.3 To determine whether a neighbouring existing building may be adversely affected, the initial test provided by the BRE is to establish if any part of the proposal subtends an angle of more than 25° from the lowest window serving the existing building. If this is the case then there may be an adverse effect, and more detailed calculations are required to quantify the extent of any impact.
- 3.4 The BRE guidelines provide two principal measures of daylight for assessing the impact on properties neighbouring a site, namely Vertical Sky Component (VSC) and No-Sky Line (NSL). They also detail a third measure of daylight which is primarily used for assessing amenity within proposed accommodation, namely Average Daylight Factor (ADF).
- 3.5 In terms of sunlight we examine the BRE Annual Probable Sunlight Hours (APSH); and in relation to sunlight amenity to gardens and amenity spaces, we apply the quantitative BRE overshadowing guidance.
- 3.6 These measures of daylight and sunlight are discussed in the following paragraphs.

Diffuse Daylight

- 3.7 **Vertical Sky Component (VSC)** – VSC is a measure of the direct skylight reaching a point from an overcast sky. It is the ratio of the illuminance at a point on a given vertical plane to the illuminance at a point on a horizontal plane due to an unobstructed sky.
- 3.8 For existing buildings, the BRE guideline is based on the loss of VSC at a point at the centre of a window, on the outer plane of the wall.
- 3.9 The BRE guidelines state that if the VSC at the centre of a window is less than 27%, and it is less than 0.8 times its former value (i.e. the proportional reduction is greater than 20%), then the reduction in skylight will be noticeable, and the existing building may be adversely affected.
- 3.10 **No-Sky Line (NSL)** - NSL is a measure of the distribution of daylight within a room. It maps out the region within a room where light can penetrate directly from the sky, and therefore accounts for the size of and number of windows by simple geometry.

- 3.11 The BRE suggest that the area of the working plane within a room that can receive direct skylight should not be reduced to less than 0.8 times its former value (i.e. the proportional reduction in area should not be greater than 20%).
- 3.12 **Average Daylight Factor (ADF)** - ADF is a measure of the overall amount of diffuse daylight within a room. It is the average of the daylight factors across the working plane within a room. This equates to the ratio of the average illuminance across the working plane, to the illuminance due to an unobstructed sky.
- 3.13 In addition to accounting for external obstructions, the ADF accounts for the number of windows and their size in relation to the size of the room, the window transmittance and the reflectance of the internal walls, floor and ceiling.
- 3.14 While the ADF can be calculated from first principles using a lighting simulation software suite such as Radiance, in simple situations it can be approximated using the empirical formula detailed in both British Standard 8206 Part 2:2008 and Appendix C of the BRE Report.
- 3.15 Both the BRE Report and BS 8206 Part 2:2008 provide guidance for acceptable ADF values in the presence of supplementary electric lighting, depending on the room use. These are 1.0% for a bedroom, 1.5% for a living room and 2.0% for a kitchen.

Sunlight

- 3.16 **Annual Probable Sunlight Hours (APSH)** - In relation to sunlight, the BRE recommends that the APSH received at a given window in the proposed case should be at least 25% of the total available, including at least 5% in winter.
- 3.17 Where the proposed values fall short of these, and the absolute loss is greater than 4%, then the proposed values should not be less than 0.8 times their previous value in each period (i.e. the proportional reductions should not be greater than 20%).
- 3.18 The BRE guidelines state that '...all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within 90 degrees of due south. Kitchens and bedrooms are less important, although care should be taken not to block out too much sun'.
- 3.19 The APSH figures are calculated for each window, and where a room is served by more than one window the contribution of each is accounted for in the overall figures for the room. The acceptability criteria are applied to overall room based figures.

Overshadowing

- 3.20 The BRE guidelines describe the method for assessment of the availability of sunlight within garden/amenity spaces. Sunlight in the spaces between buildings also has an important impact on the overall appearance and ambience of either a proposed development or existing property affected by new developments.

- 3.21 If a space is used all year round, the equinox (21st March) is the best date for which to prepare shadow plots as it gives the average level of shadowing, however if a particular space is used only at certain times of the year, it is instructive to plot shadows for those specific times.
- 3.22 The BRE criteria for gardens or amenity areas state that, 'It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity space should receive at least two hours of sunlight on 21st March.' If as a result of new developments an existing garden or amenity area does not meet the criteria, and the area which can receive 2 hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable.

4 Standard Survey Limitations

- 4.1 Although we have undertaken as detailed an inspection as possible, we are required by our professional indemnity insurers to notify you that our report is based upon the Standard Terms and Conditions provided along with our fee proposal. Our understanding of the existing massing, including the surrounding context was established from the sources of information details within Section 2.
- 4.2 In addition to our standard limitations the following limitations and assumptions also apply.
- Best estimates were made in establishing building use (residential or commercial) and room uses; generally, these were made from external observations and recourse to planning records where available.
 - When floor plans of surrounding properties were not available, room depths have been assumed from external observations. Where no indicators of room depth were available a standard of 4m, 6m or 8m depths have been used.
 - In accordance with BRE Guidelines balconies, where present have been removed from calculations.

5 The London Plan & Local Plan

The London Plan

- 5.1 The Mayor has set the ten-year target (Policy H1) for net housing completions that each local planning authority should plan for. Boroughs must include these targets in their Development Plan Documents. To ensure that ten-year housing targets are achieved, boroughs should:
- 5.1.1 prepare delivery-focused Development Plans which: a) allocate an appropriate range and number of sites that are suitable for residential and mixed-use development and intensification b) encourage development on other appropriate windfall sites not identified in Development Plans through the Plan period, especially from the sources of supply listed in B2 c) enable the delivery of housing capacity identified in Opportunity Areas, working closely with the GLA.
- 5.1.2 optimise the potential for housing delivery on all suitable and available brownfield sites through their Development Plans and planning decisions, especially the following sources of capacity: a) sites with existing or planned public transport access levels (PTALs) 3-6 or which are located within 800m distance of a station or town centre boundary b) mixed-use redevelopment of car parks and low-density retail parks and supermarkets c) housing intensification on other appropriate low-density sites in commercial, leisure and infrastructure uses d) the redevelopment of surplus utilities and public sector owned sites e) small sites f) industrial sites that have been identified through the processes set out in Policy E4 Land for industry, logistics and services to support London's economic function.
- 5.1.3 establish ambitious and achievable build-out rates at the planning stage, incentivising build-out milestones to help ensure that homes are built quickly and to reduce the likelihood of permissions being sought to sell land on at a higher value.
- 5.1.4 The 10 year target for net housing completions in London (2019/20 – 2028/29) is 522,870, Hillingdon is allocated 10,830 of the total.
- 5.1.5 The NHS Long Term Plan builds on the NHS Five Year Forward View, which identified the need to prevent avoidable illness and transform the way that care is organised and delivered to meet increasing demands for healthcare within the resources available. It describes the following priorities:
- 5.1.6 increasing support for people to manage their own health better, for example through diabetes prevention and management and online therapies for common mental health problems
- 5.1.7 undertaking a higher proportion of healthcare in community rather than hospital settings
- 5.1.8 redesigning and reducing pressure on emergency hospital services establishing digitally-enabled primary and outpatient care across the NHS

- 5.1.9 making best use of available assets, including more flexible approaches to how facilities are used and the overall configuration of the health estate, which requires a mix of disinvestment in older, out-of-date facilities and reinvestment in more modern, fit for purpose estate
- 5.1.10 ensuring that models of care change and continuously evolve
- 5.1.11 ensuring that existing and planned new health infrastructure supports and facilitates change.

Hillingdon Local Plan A vision for 2026

- 5.2 Hillingdon has a reliable network of north/south public transport routes and improved public transport interchanges. SO21 seeks to improve public transport services between the north and the south of the borough to ensure easier access between residential areas such as Northwood and South Ruislip, Hillingdon Hospital, Brunel University, Stockley Park and Heathrow Airport.
- 5.3 Further, the local plan sets out within appendix 2 its infrastructure schedule which seeks to 1) Renew and improve existing PCT facilities 2) To develop out of hospital services and improved access 3) Renew and improve existing PCT facilities & 4) Provide improvements to acute healthcare provision in the borough
- 5.4 Hillingdon currently has 99,800 households. By 2028 there will be 113,303 households living in the borough. Approximately 33% of households in the borough are unable to afford market housing. Currently there is more employment land than currently needed, and any release of surplus industrial land will be carefully managed to support Hillingdon's employment generation whilst creating opportunities for regeneration and release to other uses including much needed housing
- 5.5 The main challenges in relation to meeting housing needs in the borough are: 1. Meeting the requirements for affordable housing; 2. The lack of appropriate forms of affordable type and tenure, particularly intermediate housing; and 3. The particular needs of the travelling community in the borough.
- 5.6 Hillingdon's HMA indicates an annual requirement to provide 2,623 affordable dwellings. The Sub Regional study calculates a total housing need (market and affordable properties) for the seven boroughs in the West London Region of 35,924 units. Hillingdon's calculated total need in the Sub Regional HMA is to provide 1,875 units over a 5 year period. Overall, Hillingdon's HMA concludes that 50% of all new housing should be affordable and 50% should be provided as market accommodation. Within the affordable sector, about 78% should be provided as social rented accommodation and the remaining 22% as intermediate housing, if the latter is priced at the usefully affordable point. Notwithstanding these conclusions, the study makes clear that HMAs are part of the wider evidence base for policy and do not form part of policy itself. It recommends that the outputs should be viewed alongside the latest information on the viability of housing development when determining policy.

Accordingly, Hillingdon has undertaken an Economic Viability Study to support Policy H2 on affordable housing.

6 Setting Appropriate Target Values

- 6.1 The BRE daylight and sunlight guidance was established in relation to a nationwide guidance, as such, the default nationwide BRE numerical criteria are based on 25 degree development angles, which are frequently inappropriate, and indeed unachievable, in urbanised areas. This is openly acknowledged by the BRE, and in its introduction, the BRE guide itself urges that the guidelines be interpreted flexibly:
- 6.2 “The advice given here is not mandatory.....Although it gives numerical guidelines these should be interpreted flexibly.....For example in an historic city centre, or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable....”
- 6.3 Given the aspirations of the local authority to increase housing provision within this area and also provide improvements to vital local amenity, any viable redevelopment will involve an increase in density with corresponding noticeable proportional reductions in daylight to some neighbouring properties.
- 6.4 It has been held on Appeal that ‘noticeable’ reductions of daylight are not to be equated with ‘unacceptable’, and the following extract from the inspectors reports on the West End Green site near Paddington gives pragmatic guidance on the interpretation of the default BRE criteria, *“13.103 According to the BRE Guide, a Vertical Sky Component (VSC) of 27% will give the potential for good interior diffuse daylighting. A reduction in VSC to less than both 27% and 80% of its former value will be noticeable. ‘Noticeable’, however, is not to be equated with ‘unacceptable’. And, as its introduction acknowledges, the Guide is just that - ‘although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design’. That is true in urban areas especially where VSCs very much lower than 27% do not seem to diminish the attraction of some popular residential areas.”*
- 6.5 In determining what is considered an acceptable level of retained/residual VSC should the VSC fall to less than 27% and be less than 0.8 times its former value, The Mayor of London; Housing; Supplementary Planning Guidance Document March 2016 (‘The London Plan’) states at paragraph 1.3.46, that:
- 6.6 “The degree of harm on adjacent properties and the daylight targets within a proposed scheme should be assessed drawing on broadly comparable residential typologies within the area and of a similar nature across London. Decision makers should recognise that fully optimising housing potential on large sites may necessitate standards which depart from those presently experienced, but which still achieve satisfactory levels of residential amenity and avoid unacceptable harm.”
- 6.7 Residual VSC values in the mid-teens have been found to be acceptable in major developments across London, this echoes the Mayor’s endorsement in the pre-SPG decision at Monmouth House, Islington (GLA Representation Hearing Report 8 February 2016 Application No. P2015/3136/FUL) that VSC values in the mid-teens are acceptable.

- 6.8 Another recent case, 21 Buckle Street appeal (17 December 2018) where planning was granted, the development had impacts upon 201 windows (166 rooms) in 58 different apartments which would suffer a significant loss of daylight and 14 living rooms would not meet the annual guidelines for sunlight. The development resulted in a material deterioration in conditions with 4 properties experiencing VSC reductions of 40% or greater with low retained daylight levels in some cases as low as 3%. It was concluded that the reductions would not be excessive and, in the site-specific circumstances of this case, wider considerations need to be taken into account. Because of its high accessibility, the area is rapidly, and deliberately, changing into a high density urban hub, with tall buildings close together. Inevitably this results in what might be termed dense urban living conditions, where flats are designed to allow for limited expectations of wide outlooks and high levels of sunlight and daylight. With the advantages of living in an accessible and thriving community, that is considered acceptable.
- 6.9 In the case of Woking Football Club appeal APP/A3655/W/20/3265969 (14 December 2021), it was held that despite noticeable alterations of daylight, that the proposed development would not have a significantly harmful effect on the living conditions of nearby residents, through overbearing impact, loss of privacy or loss of daylight. It was noted that a flexible approach should be taken in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards).
- 6.10 Therefore, taking into consideration the intention of the London Plan, NPPF, flexibility of the default BRE Guidance and the above referenced decisions in relation other Major Developments, we consider a **general VSC target of 15% to 18% is appropriate** in relation to the Application site, with a smaller proportion in bands below 15%.

7 The Site

7.1 The site is located in the London Borough of Hillingdon.



Drawing Number: P2348/14 – 3D View – Existing Building

7.2 Our understanding of the site location and existing building(s) that occupy the site are illustrated in drawing numbers P2348/13-15 and located within Appendix 1.

8 The Proposal



Drawing Number: P2348/32 – 3D View – Proposed Scheme

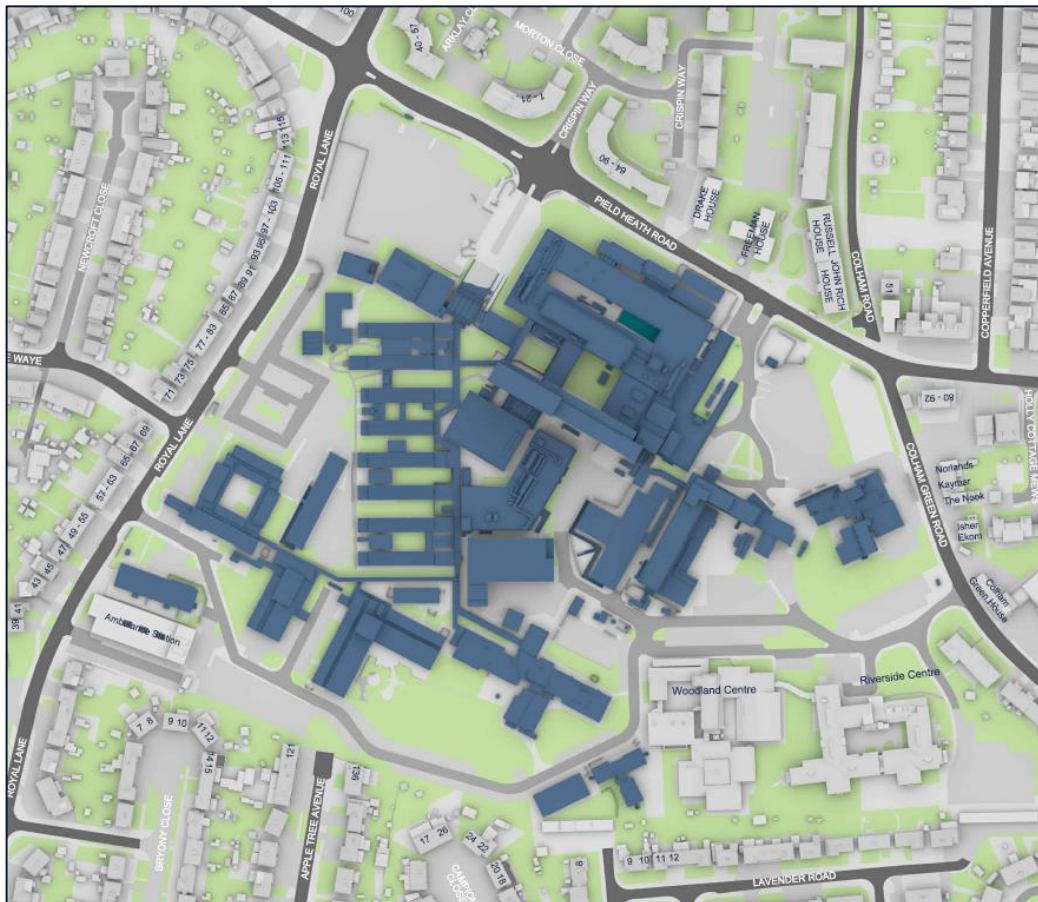
8.1 The proposed scheme is illustrated in drawings P2348/31-33

9 The Surrounding Properties

9.1 The following properties contain residential accommodation and, due to their proximity to the development site, have been assessed for daylight & sunlight amenity:

- 39-69 Royal Lane
- 71-115 Royal Lane
- 100 & 102 Field Heath Road
- 40-57 Arklay Close
- 1-21 Mortin Close
- 64-90 Crispin Way
- Drake House
- Freeman House
- John Rich House
- Russell House
- 51 Colham Road
- 94 Field Heath Road
- Norlands
- Keymar
- The Nook
- Isher
- Ekom Colham Green Road
- Colham Green House
- 8 to 12 Lavender Road
- 17 & 18 to 26 (even) Campion Close
- 121 & 136 Appletree Avenue
- 7 to 15 Bryony Close

9.2 The location of these properties can be seen in the drawings within Appendix 1 and in the drawing extract below:



Drawing Extract 01: Plan of surrounding properties

10 Daylight & Sunlight Results

39-69 Royal Lane

- 10.1 Located to the south-west of the site, these 16 residential properties are a mix of terrace and detached properties arranged over 2 floors. With the exception of 59 and 67, we are not in receipt of floorplans or layouts for these properties, therefore room depths and uses have been assumed from external observation where appropriate. Across the properties 80 windows are assumed to serve 50 habitable rooms. Each property will be discussed in turn.

39 Royal Lane

Daylight

- 10.2 Five windows associated with 2 rooms are material for assessment. All receptors experience unnoticeable reductions to Vertical Sky Component (VSC) and No Sky Line (NSL), the greatest VSC reduction being 11% to window W4/310; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.3 The site facing room a window orientated within 90 degrees due south experiences fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

41 Royal Lane

Daylight

- 10.4 Seven windows and 3 rooms are associated with this property. All receptors experience unnoticeable reductions to VSC and NSL, the greatest VSC reduction being 17.1% to window W3/300; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.5 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

43 Royal Lane

Daylight

- 10.6 Ten windows associated with 6 rooms are material for assessment. All receptors experience unnoticeable reductions to VSC and NSL, the greatest VSC reduction being 15.4% to window W5/281 whilst the greatest NSL reduction is 0.4% to room R1/291; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.7 The 6 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

45 Royal Lane

Daylight

- 10.8 Five windows and 4 rooms are material for assessment, all of which experience unnoticeable alterations. The greatest VSC reduction is 11.6% to window W10/270 whilst the greatest NSL alteration is 4.1%; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.9 The 4 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

47 Royal Lane

Daylight

- 10.10 Four windows associated with 2 rooms are material for assessment. Three of 4 windows experience unnoticeable alterations of VSC, whilst both rooms experience unnoticeable alterations of NSL. The sole VSC derogation is associated with window W5/260 (serving assumed living room R2/260) at 25.8%, this window is the smallest of 3 windows serving the room thus is not considered the primary light giving window. As the 2 remaining windows remain compliant and there is no noticeable alteration of NSL, we consider that in practice the reductions will not be noticeable, and daylight will remain adequate within the property.

Sunlight

- 10.11 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

49 Royal Lane

Daylight

- 10.12 Four windows associated with 3 rooms are material for assessment. All receptors experience unnoticeable reductions to VSC and NSL, the greatest VSC reduction being 17.9% to window W3/251 whilst the greatest NSL reduction is 9.7% to room R2/250; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.13 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

51 Royal Lane

Daylight

- 10.14 Four windows associated with 3 rooms are material for assessment. Three of 4 windows experience unnoticeable alterations of VSC, whilst all 3 rooms experience unnoticeable alterations of NSL.
- 10.15 The sole VSC derogation is associated with window W6/250 (serving room R3/250) at 49.9%, this window is the smallest of 2 windows serving the room thus is not considered the primary window providing light to the room. It is also noted that the existing daylight levels to this window are already low at 9.5%, exacerbating any relative reductions experienced by this window and bringing about a disproportionately high relative reduction of VSC. Furthermore the retained daylight to the primary window is very high at 28.9%. As the daylight to remaining windows remains high coupled with there being no noticeable alteration of NSL, we consider that in practice the reductions will not be noticeable, and daylight will remain good.

Sunlight

- 10.16 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

53 Royal Lane

Daylight

- 10.17 Four windows associated with 3 rooms are material for assessment. All receptors experience unnoticeable reductions to VSC and NSL. All windows maintain over 27% residual VSC whilst the greatest NSL reduction is 15.3% to room R6/250; in accordance with the BRE Guidance these alterations will be unnoticeable.

Sunlight

- 10.18 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

55 Royal Lane

Daylight

- 10.19 Four windows associated with 3 rooms are material for assessment. Two of 4 windows experience unnoticeable alterations of VSC, whilst 2 of 3 rooms experience unnoticeable alterations of NSL.

- 10.20 The first noticeable VSC alteration (window W12/250) is associated with assumed living room R7/250. This room is served by 2 windows in total. The largest primary light giving window (W11/250) is not noticeably impacted and only the smaller window derogates, this is primarily as a result of low existing residual daylight. As a result, whilst the relative alteration is technically noticeable at 52.3%, the actual reduction is small and equates to a less than 5% point reduction. The NSL for this room is not noticeably impacted thus overall the daylight to this room is assessed to remain good. The remaining noticeable alteration is associated with window W9/251 (serving room R9/251), this is a very minor relative reduction at 23.6%. Furthermore, the window retains a very high residual VSC of 26.6%; when considered alongside the unnoticeable alteration of NSL, we consider that the room will retain good daylight.

Sunlight

- 10.21 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

57 Royal Lane

Daylight

- 10.22 Four windows associated with 3 rooms have been assessed. Two windows and all 3 rooms experience unnoticeable alterations of VSC and NSL. The 2 noticeable alterations are associated with 2 first floor rooms assumed to be bedrooms, these are considered minor at 26% (W2/241) and 27.2% (W3/241). Both window maintain high residual daylight at over 26% thus when considered alongside the unnoticeable alterations of NSL we consider that the rooms will maintain good daylight.

Sunlight

- 10.23 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

59 Royal Lane

Daylight

- 10.24 Five windows and 4 rooms are material for assessment. Two windows and 2 rooms experience unnoticeable alterations of VSC and NSL.
- 10.25 The 3 windows which experience technically noticeable alteration are W9/240 (associated with living room R4/240), W4/241 (bedroom R4/241) and W5/241 (bedroom R5/241) at circa 29%; it is noted that the existing daylight levels are unusually high at over 35% (39.9% is the maximum achievable residual VSC for a window) as a result of the low rise/unobstructive nature of the existing site. Window W5/241 retains over 25% residual VSC and is associated with a bedroom which experiences an unnoticeable alteration of NSL. Window W9/240 and W4/241 also both retain over 25% residual VSC and although the NSL alterations for these rooms are noticeable, we

consider the high retained daylight levels for these windows will result in the retention of good daylight levels within these rooms.

Sunlight

- 10.26 The 4 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

61 Royal Lane

Daylight

- 10.27 Three windows within this property are associated with 3 rooms. All 3 windows experience technically noticeable alterations of VSC at circa 31%, however the retained daylight levels are good at circa 25% - the noticeable alterations thus occurring as the existing residual daylight levels are unusually high at over 35%. Two rooms experience noticeable alterations of NSL. We consider that daylight will remain good due to the high levels of retained/residual VSC.

Sunlight

- 10.28 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

63 Royal Lane

Daylight

- 10.29 Six windows and 3 rooms are material for assessment. One window (W21/240) experiences unnoticeable alteration of VSC whilst 2 of the 3 rooms also experience unnoticeable alterations.
- 10.30 Of the 5 window derogations, 3 are associated with assumed living room R8/240 which is served by 4 windows in total. It is noted that the primary window experiences an alteration of VSC of 31.8% (W18/240); the 2 remaining derogations are associated with secondary windows at circa 46%. When the primary window is considered, it is observed that it retains high daylight levels of residual daylight at over 25%, thus we assess that daylight to this room will remain adequate, as evinced by the unnoticeable NSL alteration within this room.
- 10.31 The remaining 2 VSC derogations (W8/241 & W9/241) are circa 32% and are associated with 2 assumed bedrooms, which the BRE considers to be of less importance. The retained daylight levels are considered good at circa 24% thus despite noticeable alterations of NSL to 1 of the bedrooms (R8/241), we consider that daylight within this property will remain good.

Sunlight

- 10.32 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

65 Royal Lane

Daylight

- 10.33 Within this property 4 windows are assumed to serve 2 habitable rooms. One window remains compliant for VSC leaving the remaining 3 windows and both rooms with noticeable alterations of VSC and NSL.
- 10.34 Two VSC derogations are associated with a ground floor room (R3/220) which is served by 3 windows in total. Although the largest/primary light giving window derogates with a modest VSC alteration of 35.9%, the window retains 23.3% residual VSC which is considered to be good.
- 10.35 The remaining window experiences a VSC derogation of 33.6%, once again the retained daylight for this window is over 24% which is good, thus despite noticeable alterations of NSL, we consider that the daylight levels will remain good and is better than what would ordinarily be considered commensurate with the locale.

Sunlight

- 10.36 Both facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

67 Royal Lane

Daylight

- 10.37 Seven windows associated with 4 rooms are material for assessment. Three windows associated with 2 rooms experience unnoticeable alterations of VSC, whilst 1 room experiences an unnoticeable alteration of NSL.

- 10.38 Of the 4 VSC derogations, 1 is associated with a kitchen (W1/210 serving room R1/210), this window experiences a modest alteration of 34% and the room an NSL alteration of 64%. Although the retained/residual daylight is slightly lower than the target for the locale at 13.1% versus a target of 15 to 18%, it should be noted that the existing daylight is already low at 19.8%, placing a burden on the proposal. This is due to the window being set back between two walls associated with 67 and 65, creating a tunnel vision of the site and reducing the amount of daylight the window can enjoy as demonstrated in drawing 01 below. We assess that the noticeable alteration, lower residual daylight and noticeable alteration of NSL is therefore due to the existing obstructions and is acceptable.



Drawing 01: Window W1/210 (highlighted yellow) associated with 67 Royal Lane

- 10.39 Two of the noticeable VSC alterations (W5/210 at 37.5% and W6/210 at 25.9%) are associated with dining room R4/210. This room is served by 3 windows in total, 1 of which is compliant. The largest window serving the dining room (W5/210) derogates at 37.5%, this is a modest alteration and is considered acceptable as the retained daylight levels are good at 23.2%.
- 10.40 The remaining noticeable VSC alteration is associated with bedroom W4/211 at 35.7%. The window maintains good residual VSC at 24.3% and although the NSL derogation is noticeable at 22.7%, it is considered minor; in any case bedrooms are considered by the BRE to be less important.
- 10.41 Overall we consider daylight levels to be commensurate with the locale and where derogations result in residual daylight below the suggested target value, this is primarily due to self-obstruction as opposed to the proposal.

Sunlight

- 10.42 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH). The sole derogation is associated with the kitchen with an inset window, this receptor derogates for winter sunlight with 1% WPSH versus a target of 4% and APSH at 24% versus a target of 25%. We consider that this is a minor derogation primarily due to

self-obstruction and the result remains superior than that normally expected given the nature of the locale.

69 Royal Lane

Daylight

- 10.43 Four windows and 2 rooms are material for assessment. One window (W1/190) associated assumed living room R1/190 experiences an unnoticeable alteration of VSC. Of the remaining 3 windows, 2 are associated with living room R1/190. This room experiences a noticeable alteration of NSL at 48.3%, however the primary window serving this room (W2/190) despite experiencing a noticeable alteration of VSC at 40% retains good residual VSC at 21.8%. It is considered that the noticeable alteration is primarily due to unusually high existing daylight levels due to a largely clear site. We consider daylight to this room to be commensurate with the locale.
- 10.44 This leaves a bedroom (which the BRE considers to be of less importance) served by window W1/191. This window experiences a modest 38.2% alteration; however the retained daylight is good at 23%. Overall we consider this room will maintain adequate daylight levels.

Sunlight

- 10.45 Both facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

71-115 Royal Lane

- 10.46 Located to the west of the site, these 23 residential properties are arranged over 2 floors. Floor plans have been located for 71, 89, 97, 99, 101 & 115 Royal Lane and incorporated into our model. Where we are not in receipt of floorplans or layouts room depths and uses have been assumed from external observation. Across the properties 80 windows are assumed to serve 53 habitable rooms. Each property will be discussed in turn.

71 Royal Lane

Daylight

- 10.47 Seven windows associated with 3 rooms are material for assessment. Two windows and a room experience unnoticeable alterations of VSC and NSL. Of the 5 VSC derogations, these are associated with all 3 rooms.
- 10.48 Two of the VSC derogations (W2/10 & W3/10) are circa 35% and are associated with kitchen dining room R1/10, which is served by 3 windows. Neither of the windows which derogate are the primary light giving windows to this room, the primary window (W1/10) is unimpacted by the proposal and also retains high residual daylight of 30.8%.

We assess that the daylight to this room will be good as further evinced by the unnoticeable alteration of NSL at 1.4%.

- 10.49 The remaining 3 derogations are associated with bedrooms which the BRE considers are of less importance. Bedroom R4/10 is served by 3 windows, of which 2 derogate (W7/10 at 46.8% and W3/10 at 25.9%). The primary window (W7/10) despite experiencing a noticeable alteration maintains over 19% residual daylight. Thus despite a noticeable alteration of NSL we consider that as all windows maintain a residual VSC of mid-teens or greater, that daylight will remain adequate. This leaves bedroom R1/11 which is served by 1 window. This alteration of the window (W1/11) serving this room is 42.7%, however the retained daylight is good at 21.4%; thus the higher relative alterations is due to the unusually high existing VSC that the window enjoys.
- 10.50 Overall we consider that the property retains levels of daylight which are better than one might expect for the grain.

Sunlight

- 10.51 The 3 site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

73 Royal Lane

Daylight

- 10.52 Four windows associated with 2 rooms have been assessed. One window experiences an unnoticeable alteration of VSC of 18.1%. The remaining 3 windows and 2 rooms experience noticeable reductions of VSC and NSL.
- 10.53 Two noticeable alterations are associated with an assumed bedroom (room R3/30) which is served by 3 windows in total. The primary light giving window derogates with a VSC alteration of 48.3%, however the window maintains 18.6% retained VSC which is considered commensurate with the locale – the derogation occurs due to the under developed nature of the site giving rise to unusually high existing daylight levels at 36%.
- 10.54 This leaves a bedroom window (W1/31) serving room R1/31. This window experiences a noticeable reduction of 43.9%, however the retained daylight is good at 21%. For both bedrooms we assess that as the primary windows retain good residual daylight, the daylight levels within this property will remain adequate.

Sunlight

- 10.55 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

75 Royal Lane

Daylight

- 10.56 Four windows serving 2 assumed bedrooms are material for assessment. All windows and rooms experience noticeable alterations of VSC and NSL. Three windows are associated with 1 bedroom, however when the primary window (W3/40) is considered, although the alteration is 48.3%, the residual daylight remains at 18.8% which is adequate for the locale. The remaining window (W1/41) experiences a VSC alteration of 44.4%, however retained daylight is good at 20.6% and as with W3/40 occurs as the existing daylight levels are unusually high due to the under developed nature of the site. We consider that the bedrooms in this property retain adequate daylight.

Sunlight

- 10.57 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

77 Royal Lane

Daylight

- 10.58 Three windows serving 2 habitable rooms have been assessed. All windows and rooms experience noticeable alterations of VSC and NSL. Two windows serving assumed living room R3/50 experience noticeable alterations of VSC, the primary window (W6/50) experiences a VSC alteration of 50.2%, however the window will maintain 17.1% residual VSC; this is considered adequate for the locale.

- 10.59 This leaves bedroom R2/51 which is served by window W2/51. This window experiences a VSC reduction of 45%, however the retained daylight level is considered good at 19.7%. We consider the property maintains sufficient daylight based on the retained daylight levels.

Sunlight

- 10.60 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

79 Royal Lane

Daylight

- 10.61 Three windows serve 2 habitable rooms material for assessment. All windows and rooms experience noticeable alterations of VSC and NSL. Two windows serving assumed living room R4/50 experience noticeable alterations of VSC, the primary window (W7/50) experiences a VSC alteration of 48.8%, that said the window maintains sufficient residual VSC at 17.1%; this is considered adequate for the locale.

- 10.62 Bedroom R3/51 which is served by window W3/51. This window experiences a VSC reduction of 44.5%, however the retained daylight level is considered good at 19.9%. We assess that the property maintains sufficient daylight based on the retained daylight levels.

Sunlight

- 10.63 Both site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

81 Royal Lane

Daylight

- 10.64 Two windows serve 2 habitable rooms material for assessment. All windows and rooms experience noticeable alterations of VSC and NSL. Window W5/60 serving assumed living room R2/60 experiences a noticeable alterations of VSC of 47.5%, whilst the room experiences an NSL alteration of 40.1%. However as the window maintains sufficient residual VSC at 18.2% we consider this to be adequate for the locale.
- 10.65 The assumed first floor bedroom (R2/61) experiences a NSL reduction of 35.5% whilst the window (W2/61) serving this room experiences a noticeable VSC alteration of 42.5%. As the window maintains 20.6% residual VSC, we consider this room to enjoy adequate daylight.
- 10.66 We assess that the property maintains sufficient daylight based on the retained daylight levels.

Sunlight

- 10.67 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

83 Royal Lane

Daylight

- 10.68 Two windows serve 2 rooms material for assessment. All windows and rooms experience noticeable alterations of VSC and NSL. Window W6/60 serving assumed living room R3/60 experiences a noticeable alterations of VSC of 45.8%, whilst the room served by this window experiences an NSL alteration of 33.3%. As window W6/60 maintains sufficient residual VSC at 19% we consider this to be adequate for the locale. The assumed first floor bedroom experiences a NSL reduction of 31.4% whilst the room serving this window experiences a noticeable alteration of 41.1%. As the window continues to maintain 21% residual VSC, we consider this to be adequate daylight for the room.

- 10.69 We assess that the property maintains sufficient daylight based on the retained daylight levels.

Sunlight

- 10.70 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

85 Royal Lane

Daylight

- 10.71 Four windows are assumed to serve 2 habitable rooms assessed to be bedrooms. One window experiences no noticeable alteration of VSC at 13.1% (windows W7/70 associated with bedroom R4/70). However the remaining 3 windows and 2 habitable rooms are noticeably impacted.
- 10.72 Two of the noticeable VSC alterations are associated with bedroom R4/70, which is served by 3 windows in total. These alterations are modest at 27.2% (W5/70) and 37.5% (W6/70). The largest/primary light giving window is W6/70 which despite the noticeable alteration maintains 23.1% residual VSC; the remaining windows maintain daylight in the mid-teens. We consider that the alterations of daylight are commensurate with the locale and that the primary window maintains good daylight. This leaves bedroom R1/71 which has a noticeable NSL alteration of 37.5%. The sole window associated with this room experiences a noticeable alteration of 35.1% however maintains a residual VSC of 24% which is considered good.
- 10.73 It is considered that the daylight levels within this property will remain adequate.

Sunlight

- 10.74 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

87 Royal Lane

Daylight

- 10.75 Within this property, 5 windows are associated with 3 rooms material for assessment. One window and all 3 rooms experience unnoticeable alterations of VSC and NSL. Of the 4 noticeable VSC alterations, 2 are associated with assumed living room R3/90; these are window W6/90 at 28.7% and W7/90 at 34.5%. The primary light giving window is W7/90 which retains a residual daylight of 23.3% which is considered good. When this is considered alongside the unnoticeable alterations of NSL, we assess that the alterations to this room are unlikely to be noticeable.
- 10.76 This leaves 2 windows (W2/91 & W3/91) associated with 2 bedrooms which experience VSC reductions of 30.5% and 29.1% respectively. Both windows maintain a residual VSC

of over 26% which is good, and when this is coupled with the unnoticeable alterations of NSL we consider that in reality the reductions are not likely to be noticeable.

- 10.77 It is considered that the daylight levels within this property will remain adequate.

Sunlight

- 10.78 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

89 Royal Lane

Daylight

- 10.79 Five windows associated with 3 rooms are material for assessment. All windows experience noticeable alterations of VSC however all rooms experience unnoticeable reductions of NSL.
- 10.80 Of the 5 NSL alterations, 2 are associated with lounge R3/100. The windows experience alterations of 38.6% (W6/100) and 29.2% (W7/100). The primary light providing window for the room (W7/100) retains a residual VSC of 26.5% which is good. Overall we consider that daylight reductions to this room are unlikely to be noticeable.
- 10.81 A further 2 windows which derogate are associated with assumed bedroom R3/101, these are windows W3/101 (42.4%) and W4/101 (27.9%). The primary light giving window (W4/101) experiences a high retained residual daylight level of 25.6% which is good and when considered alongside the unnoticeable alterations of NSL, we assess that the alterations to this room are unlikely to be noticeable.
- 10.82 The final derogation is associated with window W2/101 at 37.7%. The proposed residual VSC for this window is adequate at 16.9%; the NSL alteration for this room is unnoticeable thus we consider the daylight to this room will remain good. In any case, bedrooms are considered by the BRE guidelines to be less important. Overall daylight to this property is good.

Sunlight

- 10.83 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

91 Royal Lane

Daylight

- 10.84 Five windows associated with 3 rooms have been assessed. All windows experience noticeable alterations of VSC however all rooms experience unnoticeable reductions of NSL.

- 10.85 Two of the 5 VSC alterations are associated with lounge R4/100. The windows experience alterations of 28.6% (W8/100) and 22.5% (W9/100). The primary light providing window for the room (W8/100) retains a residual VSC of 26.8% which is good. Overall we consider that daylight reductions to this room are unlikely to be noticeable as further evinced by the unnoticeable alterations of NSL.
- 10.86 A further 2 VSC derogations are associated with assumed bedroom R4/101, these are windows W5/101 (27%) and W6/101 (26%). The primary light giving window (W5/101) experiences a high retained residual daylight level of 26.% which is good. When considered alongside the unnoticeable alterations of NSL, we assess that the alterations to this room are unlikely to be noticeable.
- 10.87 The final derogation is associated with window W7/101 at 35.4%. The proposed residual VSC for this window is adequate at 17.3%; the NSL alteration for this room is unnoticeable thus we consider the daylight to this room will remain adequate. Regardless, bedrooms are considered by the BRE guidelines to be less important. Overall daylight to this property is good.

Sunlight

- 10.88 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

93 Royal Lane

Daylight

- 10.89 Five windows associated with 3 habitable rooms have been assessed. Two windows and all 3 rooms experience unnoticeable alterations of VSC and NSL.
- 10.90 The 2 compliant windows (W6/110 & W4/111) are associated with 2 rooms (R3/110 & R3/111); both rooms are served by 2 windows each. W6/110 & W4/111 are the largest of the windows serving these rooms thus are considered to be the primary light giving windows; both retain over 27% residual VSC hence their compliance with the guidelines. Although the remaining windows in both rooms derogate from the guidelines, they are secondary windows. It is assessed that as the NSL alteration is unnoticeable, the daylight alterations within these rooms will be unnoticeable.
- 10.91 This leaves window W2/111 associated with room R2/111. The window experiences a noticeable 30.8% VSC reduction, however, retains 20% residual daylight. When this high retained daylight is considered alongside the unnoticeable alteration of NSL we consider that the daylight alterations within this room are not likely to be noticeable in practice.

Sunlight

- 10.92 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

95 Royal Lane

Daylight

- 10.93 Five rooms associated with 3 habitable rooms have been assessed. One window and 3 rooms experience unnoticeable alterations of VSC and NSL.
- 10.94 Two of the windows (W7/110 & W8/110) associated with room R4/110 derogate with reductions of 28% and 30.2% respectively. The primary window (W7/110) maintains 26.8% residual daylight which is considered to be good. As the room is not noticeably impacted for NSL, we consider that daylight within this room will not be noticeably impacted.
- 10.95 Of the remaining 2 noticeably impacted windows, W6/111 experiences an alteration of 26%. The window serves room R4/111 which is served by an additional complaint window (W5/111) which is the primary light giving window to this room. Once this is considered alongside the unnoticeable NSL alteration we assess that the alteration within this room is unlikely to be noticeable.
- 10.96 The leaves window W7/111 serving bedroom R5/111. This window derogates with a VSC reduction of 32.8%, however retains 19.4% residual daylight. Overall it is not considered that the daylight impacts will indeed be noticeable.

Sunlight

- 10.97 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

97 Royal Lane

Daylight

- 10.98 Two windows associated with 2 rooms are material for assessment. Two windows experience noticeable alterations of VSC at 31.8% (W4/120) and 26.9% (W2/121), whilst both rooms experience unnoticeable alterations of NSL. When the residual daylight within these windows is considered, the retained daylight equates to circa 25%, which is good. As a result we assess that the retained VSC considered alongside the unnoticeable alterations of NSL, that daylight alterations will not be noticeable.

Sunlight

- 10.99 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

99 Royal Lane

Daylight

- 10.100 Two windows associated with 2 rooms have been assessed. Two windows experience noticeable alterations of VSC at 32.5% (W5/120) and 27.6% (W3/121). Room R3/121 room experiences an unnoticeable alterations of NSL, however room R3/120 experiences a very minor NSL derogation at 22.6%.
- 10.101 When the residual daylight within these windows is considered, retained daylight levels equate to circa 25%, which is a good level of retained daylight. We assess that when the retained VSC is considered alongside the modest alterations of NSL for the rooms served, that daylight alterations will not be noticeable.

Sunlight

- 10.102 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

101 Royal Lane

Daylight

- 10.103 Five windows associated with 3 rooms have been assessed. Three windows (W1-3/132) associated with room R1/132 experience unnoticeable alterations of VSC. Rooms R2/131 & R1/132 experience unnoticeable NSL alterations of less than 20%.
- 10.104 Of the 2 noticeable VSC alterations (W6/130 & W2/131), these are modest at 33.6% and 28.3% respectively. Both windows maintain good levels of residual daylight at circa 25%. Only room R2/130 experiences a minor noticeable alteration of NSL, however this is not considered to be a significant reduction. Overall we consider that the modest noticeable VSC alterations coupled with high retained VSC levels will result in reductions of daylight with will not be noticeable.

Sunlight

- 10.105 Three site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

103 Royal Lane

Daylight

- 10.106 Two windows and 2 rooms are material for assessment. One room (R3/131) experiences an unnoticeable alteration of NSL, this leaves 2 windows and a room which experience a technically noticeable alteration of VSC and NSL.
- 10.107 Window W7/130 associated with room R3/130 experiences a noticeable alteration of VSC of 33.8%, however window retains good daylight levels at 24.1%. Despite the minor

alteration of NSL associated with room R3/130 (at 33%), we consider that the high retained VSC will result in adequate daylight levels within this room.

- 10.108 This leaves window W3/131 which despite experiencing a minor noticeable VSC alteration of 28.5%, has a high retained daylight level of 26.1%. When coupled with the unnoticeable alteration of NSL for the room (R3/131) served by this window, we consider that the daylight alterations will be unnoticeable.

Sunlight

- 10.109 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

105 Royal Lane

Daylight

- 10.110 Three windows serving 2 rooms have been assessed. All 3 windows experience noticeable alterations of VSC however both rooms experience unnoticeable alterations of NSL.
- 10.111 The primary windows associated with these rooms experience modest alterations of VSC at 31.2% (W2/140 associated with room R1/140) and 27.2% (W2/141 associated with room R2/141). As both windows maintain high levels of residual VSC of circa 25%, we assess that the daylight alterations within these rooms are unlikely to be noticeable.

Sunlight

- 10.112 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

107 Royal Lane

Daylight

- 10.113 Two windows serving 2 rooms have been assessed. Both windows experience noticeable alterations of VSC however both rooms experience unnoticeable alterations of NSL.
- 10.114 The windows associated with these rooms experience modest alterations of VSC at 31% (W3/140 associated with room R2/140) and 27.1% (W3/141 associated with room R3/141). As both windows maintain high levels of residual VSC of circa 25%, we assess that the daylight alterations within these rooms are unlikely to be noticeable.

Sunlight

- 10.115 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

109 Royal Lane

Daylight

- 10.116 Two windows serving 2 rooms have been assessed. Both windows experience noticeable alterations of VSC however both rooms experience unnoticeable alterations of NSL. The windows associated with these rooms experience modest alterations of VSC at 30% (W6/160 associated with room R2/160) and 26.3% (W2/161 associated with room R2/161). Both windows maintain high levels of residual VSC of circa 26%, thus we assess that the daylight alterations within these rooms are unlikely to be noticeable.

Sunlight

- 10.117 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

111 Royal Lane

Daylight

- 10.118 Two windows serving 2 rooms have been assessed. Both windows experience noticeable alterations of VSC. Both rooms experience unnoticeable alterations of NSL. The windows associated with these rooms experience modest alterations of VSC at 29.3% (W7/160 associated with room R3/160) and 25.6% (W3/161 associated with room R3/161). Both windows maintain high levels of residual VSC of circa 26%, and as a result we consider that daylight alterations within these rooms are unlikely to be noticeable.

Sunlight

- 10.119 Two site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

113 Royal Lane

Daylight

- 10.120 Five windows associated with 3 rooms have been assessed. Four windows and all 3 rooms experience unnoticeable alterations of VSC and NSL. The sole VSC derogation is associated with window W2/170, this window is a secondary window and serves a room served by 3 windows in total. We consider that as the primary window (W1/170) serving this room remains compliant and maintains high levels of residual VSC (27.8%), the daylight alterations within this property will not be noticeable.

Sunlight

- 10.121 No windows within this property are orientated to within 90 degrees due south thus no receptors are material for assessment.

115 Royal Lane

Daylight

- 10.122 One window associated with one room is material for assessment within this property. The alterations of VSC are unnoticeable at 8.4%; there are no reductions of NSL.

Sunlight

- 10.123 No windows within this property are orientated to within 90 degrees due south thus no receptors are material for assessment.

100 & 102 Pield Heath Road

- 10.124 Located to the north-west of the site, these semi-detached properties face the site and are arranged over 2 floors. We are not in receipt of floorplans or layouts for these properties, therefore room depths and uses have been assumed from external observation. Twenty-five windows serve 12 habitable rooms material for assessment.

Daylight

- 10.125 All windows experience unnoticeable reductions of VSC, the greatest VSC reduction being 7.2% to window W2/431; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.126 Twelve site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

40-57 Arklay Close

- 10.127 Located to the north, this apartment block faces the site and is arranged over 3 floors. We have located floor plans from estate agency website searches for Nos. 41, 42, 43, 45, 52 & 53 which have been incorporated into our model. Where we are not in receipt of floorplans or layouts, room depths have been assumed from external observation. Sixty-five windows serve 53 habitable rooms material for assessment.

Daylight

- 10.128 All windows and rooms experience unnoticeable reductions of VSC and NSL, the greatest VSC reduction being 15.9% to window W21/410 and the greatest NSL alteration being 7.1% to room R17/410; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.129 Twelve site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

1-21 Mortin Close

- 10.130 Located to the north, this apartment block faces the site and is arranged over 4 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. A total of 103 windows serve 70 habitable rooms material for assessment.

Daylight

- 10.131 All windows and rooms experience unnoticeable reductions of VSC and NSL, the greatest VSC reduction being 15.6% to window W4/400 and the greatest NSL alteration being 12.7% to room R5/400; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.132 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

64-90 Crispin Way

- 10.133 Located to the north, this apartment block faces the site and is arranged over 4 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. A total of 135 windows serve 88 habitable rooms material for assessment.

Daylight

- 10.134 All windows experience unnoticeable reductions of VSC, the greatest VSC reduction being 8.6% to windows W10/440 & W12/440; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no alterations of NSL.

Sunlight

- 10.135 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

Drake House

- 10.136 Situated to the north, this apartment block has a flank elevation overlooking the site and is arranged over 2 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. A total of 48 windows serve 42 habitable rooms material for assessment.

Daylight

- 10.137 All windows experience unnoticeable reductions of VSC, the greatest reduction being 3.4% to windows W8/450 & W20/450; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no alterations of NSL.

Sunlight

- 10.138 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

Freeman House

- 10.139 Located to the north-east of the site, this apartment block faces the site and is arranged over 3 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Sixty windows serve 42 habitable rooms material for assessment.

Daylight

- 10.140 All windows experience unnoticeable reductions of VSC, the greatest reduction being 4.1% to window W10/460; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no alterations of NSL.

Sunlight

- 10.141 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

John Rich House

- 10.142 Situated to the north-east of the site, this apartment block backs onto the site and is arranged over 3 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Forty windows serve 29 habitable rooms material for assessment.

Daylight

- 10.143 All windows experience unnoticeable reductions of VSC, the greatest reduction being 1.1% to window W7/472; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.144 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

Russell House

- 10.145 Located to the north-east of the site, this apartment block backs onto the site and is arranged over 3 floors. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. A total of 38 windows serve 26 habitable rooms material for assessment.

Daylight

- 10.146 All windows experience unnoticeable reductions of VSC, the greatest reduction being 0.2% to window W1/480; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.147 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

51 Colham Road

- 10.148 Situated to the north-east of the site, this 2 storey detached property faces the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Four windows serve 4 habitable rooms material for assessment.

Daylight

- 10.149 All windows experience unnoticeable reductions of VSC, the greatest reduction being 0.4% to window W1/491; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.150 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

94 Pield Heath Road

- 10.151 Situated to the north-east of the site, this 3 storey apartment block faces the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Twenty-one windows serve 15 habitable rooms material for assessment.

Daylight

- 10.152 All windows experience unnoticeable reductions of VSC, the greatest reduction being 0.1%; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.153 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

Norlands, Keymar, the Nook, Isher & Ekom & Colham Green House

- 10.154 Situated to the east of the proposal, these 2 storey residential properties face the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Between the 6 properties, 29 windows serve 20 habitable rooms material for assessment.

Daylight

- 10.155 All windows experience unnoticeable reductions of VSC, the greatest reduction being 0.9%; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.156 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

8 to 12 Lavender Road

- 10.157 Situated to the south of the site, this row residential properties have a rear elevation overlooking the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Between the 5 properties, 32 windows serve 20 habitable rooms material for assessment.

Daylight

- 10.158 All windows experience unnoticeable reductions of VSC, the greatest reduction being 2.2% within properties 11 and 9 Lavender Road; BRE Guidance concludes that reductions of up to 20% will be unnoticeable. There are no reductions of NSL.

Sunlight

- 10.159 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

17 & 18 to 26 (even) Campion Close

- 10.160 Located to the south of the site, these semi-detached residential properties have a rear elevation overlooking the site. Floor plans have been located for 17 and 22 which have been incorporated into our model. Where we are not in receipt of floorplans or layouts room depths and uses have been assumed from external observation. Between the 6 properties, 44 windows serve 24 habitable rooms material for assessment.

Daylight

- 10.161 All windows and rooms experience unnoticeable reductions of VSC and NSL, the greatest NSL reduction being 8.6% within properties 24 Campion Close and the greatest

NSL alteration being 9.7% within 26 Campion Close; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.162 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

121 & 136 Appletree Avenue

- 10.163 Located to the south of the site, these residential properties have a flank elevation overlooking the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Between both properties, 25 windows serve 17 habitable rooms material for assessment.

Daylight

- 10.164 All windows and rooms experience unnoticeable reductions of VSC and NSL. The VSC reductions are either less than 20% or the windows retain more than 27% residual VSC. The greatest NSL reduction is 7.4%; BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.165 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

15, 14, 12, 11, 10, 9, 8 & 7 Bryony Close

- 10.166 Situated to the south of the site, these residential properties back onto the site. We are not in receipt of floorplans or layouts for the property therefore room depths and uses have been assumed from external observation. Each property will be discussed in turn.

15 Bryony Close

Daylight

- 10.167 Three windows associated with 2 rooms are material for assessment. All windows and rooms experience unnoticeable reductions of VSC and NSL, VSC reductions are no greater than 2.7% (W5/681), whilst the greatest NSL alteration is 0.1% (R4/681); BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.168 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

14 Bryony Close

Daylight

- 10.169 Seven windows associated with 4 rooms are material for assessment. All windows and rooms experience unnoticeable reductions of VSC and NSL. VSC reductions are no greater than 12.6% (W2/681), whilst NSL alterations are no greater than is 14.6% (R1/681); BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.170 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

12 Bryony Close

Daylight

- 10.171 Five windows associated with 4 rooms are material for assessment. All windows and rooms experience unnoticeable reductions of VSC and NSL. The greatest VSC alteration is 19.6% (W5/671), whilst NSL alterations are no greater than is 11.9% (R3/670); BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.172 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

11 Bryony Close

Daylight

- 10.173 Seven windows associated with 5 rooms are material for assessment. Six windows and all 5 rooms experience unnoticeable reductions of VSC and NSL. The sole VSC derogation is a minor alteration associated with window W3/671 at 22.3%. This window retains a high degree of residual daylight at 26.6% thus we consider that daylight will remain good. In any case, the window serves room R2/671, a room served by 2 windows, the remaining of which experiences an unnoticeable alteration of VSC. We consider as the room is served by 2 windows with high residual daylight and the NSL alteration for the room is not noticeable, that daylight will remain good and the alteration will not be noticeable.

Sunlight

- 10.174 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

10 Bryony Close

Daylight

- 10.175 Four windows serve 3 habitable rooms. One window (W4/660) and 2 rooms (R2/660 & R3/661) experience unnoticeable alterations of VSC and NSL.
- 10.176 Of the 3 VSC derogations (W3/660, W3/661 & W4/661), these are minor at circa 22% to 24%; all the windows retain a high residual VSC of over 23%. The sole NSL derogation is associated with room R4/661 at 24.6% (served by window W4/661). As all the alterations are minor and the retained daylight levels are high, we assess that the rooms will not be adversely impacted by the proposal, and it is questionable whether the rooms will indeed notice any alterations of daylight.

Sunlight

- 10.177 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

9 Bryony Close

Daylight

- 10.178 Four windows serve 3 habitable rooms. Three windows and all rooms experience unnoticeable alterations of VSC and NSL. The sole VSC derogation (W2/661), is very minor at 20.8% whilst the window retains a residual VSC of 24.6%. As the alteration is minor, the retained daylight level is high and the NSL impacts to the room unnoticeable, we assess that it is questionable whether the property will indeed notice any alterations of daylight.

Sunlight

- 10.179 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

7 & 8 Bryony Close

Daylight

- 10.180 Across both properties, 9 windows serve 6 habitable rooms. All windows and rooms experience unnoticeable reductions of VSC and NSL. The greatest VSC alteration is 3.3% (W4/651), whilst NSL alterations are no greater than 0.5% (R1/650); BRE Guidance concludes that reductions of up to 20% will be unnoticeable.

Sunlight

- 10.181 All site facing rooms with windows orientated within 90 degrees due south experience fully BRE compliant changes in Annual Probable Sunlight Hours (APSH).

11 Overshadowing Results

- 11.1 Overshadowing has been assessed within the proposed amenity associated with the residential aspects of the proposal. All results are provided pictorially and can be found within the Appendix.
- 11.2 Within the proposal, three amenity spaces associated with the proposal have been assessed, drawing P2384/SHA/01 (left drawing) provides the results during the March equinox and P2384/SHA/01 (right drawing) the results in the June solstice. The results provide that the amenity spaces are compliant with the BRE Guidelines' recommendations for overshadowing with 76.5%, 91.7% and 93.7% of the amenity spaces enjoying 2 hours or more of direct sunlight during the March equinox versus a minimum recommendation of 50%. During the summer solstice these figures increase to 98%, 99.2% and 98.5%.

12 Conclusion

- 12.1 The proposal will provide a vital improvement to Hillingdon Hospital whilst also providing crucial additional housing for the local authority on an underutilised site where a higher density of development would be expected. The proposal has nonetheless been carefully designed to ensure impacts on neighbouring daylight and sunlight amenity are kept within appropriate and acceptable levels, and as a result the proposal demonstrates good compliance with the BRE Guidance for Daylight and Sunlight assessment and local policy. Where derogations are present, they are considered acceptable as residual daylight levels are very high.
- 12.2 It has been held on Appeal that 'noticeable' reductions of daylight are not to be equated with 'unacceptable', and a flexible approach should be taken in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards). Taking into consideration the intention of the London Plan, NPPF, flexibility of the default BRE Guidance, where alterations of daylight are noticeable a general residual VSC target of 15% to 18% is appropriate in relation to the Application site, with a smaller proportion in bands below 15%.

Daylight to Surrounding Properties

- 12.3 The 77 neighbouring properties comprise a total of 863 windows and 692 rooms material for assessment. Currently, 697 of the tested windows enjoy absolute VSCs greater than 27%, the greatest VSC achievable for a window on a vertical plane is 39.9%, this highlights the unusually low degree of obstruction to existing windows and high existing daylight levels. This is not usual for a location of this type, and is indicative of the low density nature of the site. This position will result in some windows experiencing technically noticeable alterations of daylight of greater than 20% when the proposal is constructed, even though windows will retain residual daylight levels which are considered acceptable/good.
- 12.4 A total of 89% of the windows tested experience unnoticeable reductions of daylight which is a high degree of compliance for the environment. In total, 96 windows derogate from the BRE Guidance with technically noticeable alterations, that said 91 retain over 18% residual VSC which is considered a high standard.
- 12.5 Along Royal Lane there are noticeable reductions to 32 properties, these primarily occur because the existing daylight is unusually high for the environment due to the underutilised nature of the development site. The impacts results in 91 noticeable relative alterations of VSC; of these, 68 are the primary windows serving the room. Of the 68, 63 windows maintain over 18% residual VSC. With regards to the 5 primary windows which retain less than this, 4 are only just below the recommendations at circa 17%. The remaining window (at circa 13% residual VSC) is only left with lower residual daylight from the target as the window is already compromised from existing buildings thus starts with a low existing VSC. Overall we consider the daylight levels to be acceptable.

- 12.6 The remaining 3 properties with noticeable VSC alterations are 9, 10 & 11 Bryony Close where 5 windows experience noticeable reductions, that said residual daylight remains greater than 23%, which is high.
- 12.7 The current site is low rise with only sparse massing on the periphery, as a result it is inevitable when developing this site that some residential properties will experience technically noticeable changes to existing levels of daylight. Despite this, we consider the alterations to be satisfactory as they are in keeping with the suburban nature of the locale.
- 12.8 Overall, the properties will be left with good levels of daylight that correspond with, or in the majority of cases, are significantly better than a typical suburban landscape. The proposal is considered to demonstrate compliance with BRE, NPPF and SPG10 Guidance in relation to daylight amenity.

Sunlight to Surrounding Properties

- 12.9 Only 1 property experiences any form of derogation from the BRE, it is noted however that derogation primarily impacts Winter APSH, with 'Annual' APSH remaining at an acceptable level. In any case the derogation primarily occurs as a result of the room being set back behind side returns. Overall, the development presents a very high degree of compliance.

Overshadowing to Proposed Amenity

- 12.10 Three amenity spaces associated with the proposal have been assessed, the results provide that the amenity spaces are compliant with the BRE guidelines with 76.5%, 91.7% and 93.7% of the amenity spaces enjoying 2 hours or more of direct sunlight during the March equinox.
- 12.11 Due to the few noticeable alterations and high degree of retained daylight and sunlight levels, we support this planning application in terms of daylight and sunlight amenity.

Appendix 1:

Drawings



Sources: Z-Mapping LTD
3D CAD Model of Site & Surroundings (received 18/03/20)

Prior + Partners
Proposed Scheme Info (received 05/01/21)
210106_THH_Pre App 2_ photogrammetry.dwg

Key: Existing Buildings
 Proposed Scheme

Project: Hillingdon Hospital Middlesex

Title: Plan View Existing Buildings

Scheme Confirmed:

Date:

Drawn By:
IG/AG/AFA

Scale:
1:2000

Date:
Jan 21

Dwg No:
P2384/13

Rel:
04





Sources: Z-Mapping LTD
3D CAD Model of Site & Surroundings (received 18/03/20)

Prior + Partners
Proposed Scheme Info (received 05/01/21)
210106_THH_Pre App 2_ photogrammetry.dwg

Key: Existing Buildings
 Proposed Scheme

All Heights in mm AOD

Project: Hillingdon Hospital
Middlesex

Title: 3D View
Existing Buildings

Scheme Confirmed:

Date:

Drawn By:

Scale:

Date:

Dwg No:

Rel:

IG/AG/AFA

NTS

Jan 21

P2384/14

04





Sources: Z-Mapping LTD
3D CAD Model of Site & Surroundings (received 18/03/20)

Prior + Partners
Proposed Scheme Info (received 05/01/21)
210106_THH_Pre App 2_ photogrammetry.dwg

Key: Existing Buildings
 Proposed Scheme

All Heights in mm AOD

Project: Hillingdon Hospital Middlesex

Title: 3D View Existing Buildings

Scheme Confirmed:

Date:

Drawn By:

Scale:

Date:

Dwg No:

Rel:

IG/AG/AFA

NTS

Jan 21

P2384/15

04





Sources: Z-Mapping LTD
3D CAD Model of Site & Surroundings (received 18/03/20)

IBI Group
Proposed Scheme Info (received 08/03/22)
THHR_01-IBI-WB-ZZ-M3-A-0005_Externals.dwg
THHR_02-IBI-WB-ZZ-M3-A-0003_MSCP.dwg

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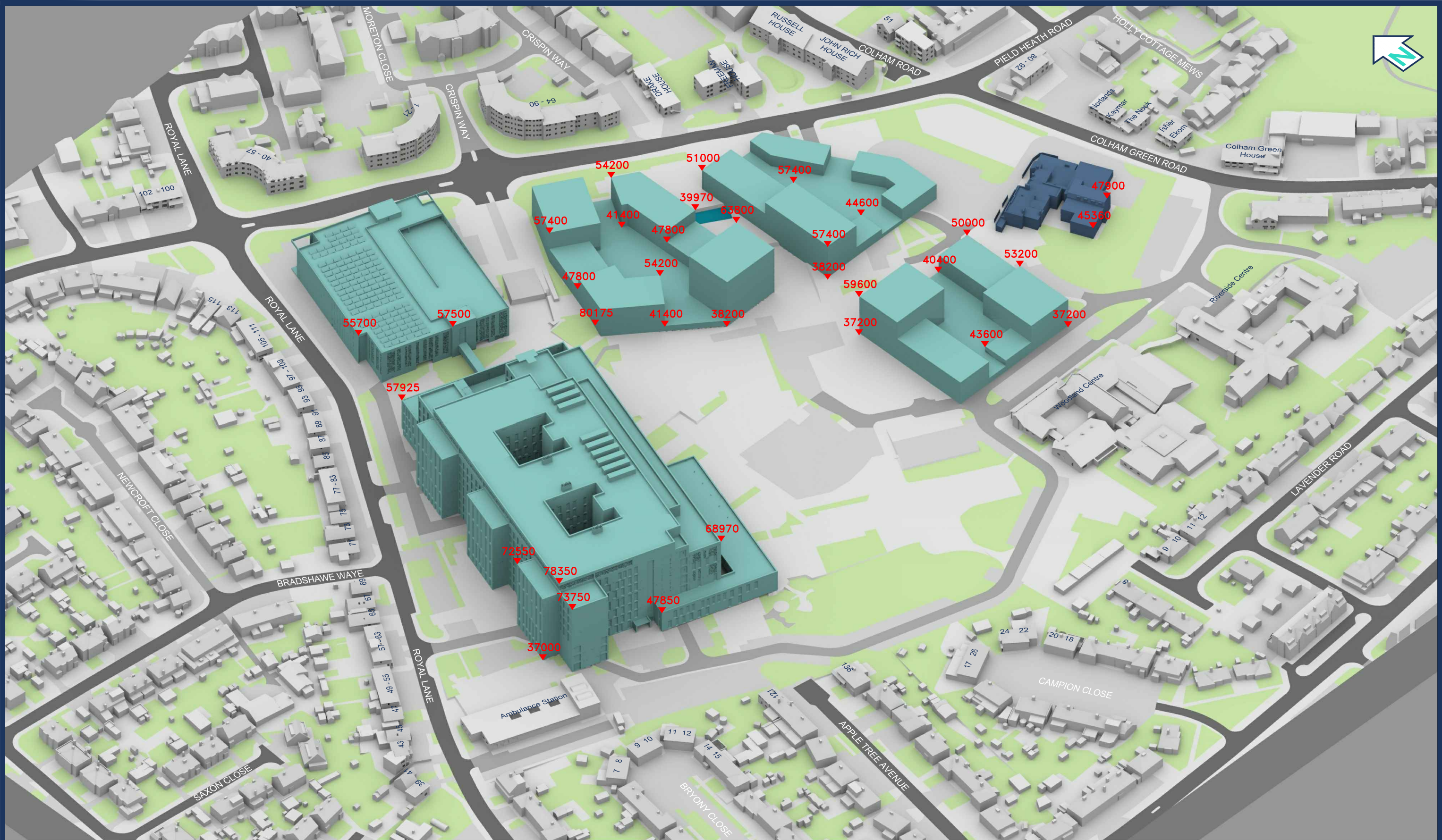
- Existing Buildings
- Proposed Scheme

Project: Hillingdon Hospital Middlesex

Title: Plan View
Proposed Scheme 08/03/22

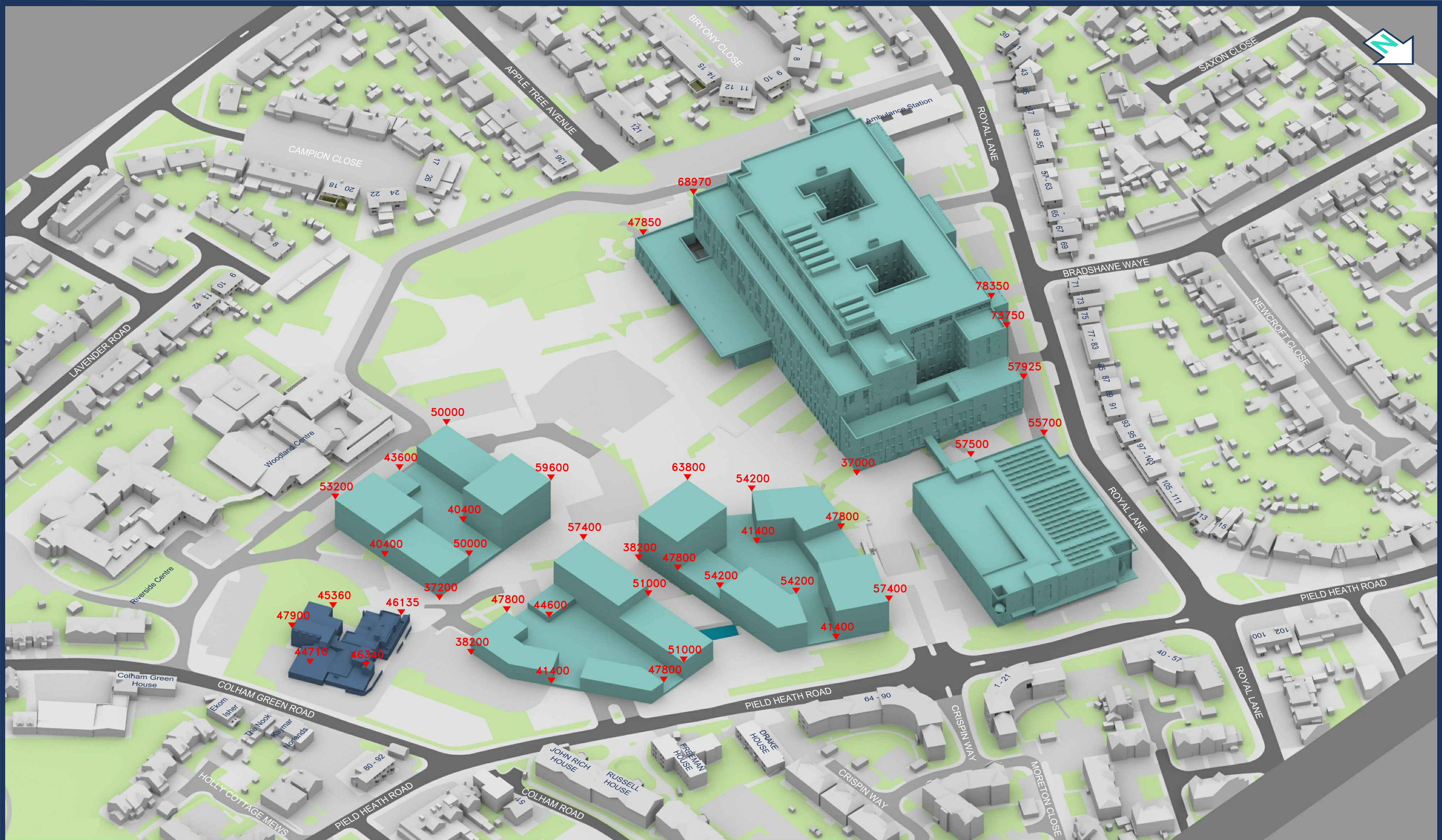
Scheme Confirmed:	Date:	Drawn By:	Scale:	Date:	Dwg No:	Rel:
-	-	EF	1:2000	Mar 22	P2384/31	09





Sources: Z-Mapping LTD 3D CAD Model of Site & Surroundings (received 18/03/20)		Key: Existing Buildings Proposed Scheme		Project: Hillingdon Hospital Middlesex		Title: 3D View Proposed Scheme 08/03/22	
IBI Group Proposed Scheme Info (received 08/03/22) THHR_01-IBI-WB-ZZ-M3-A-0005_Externals.dwg THHR_02-IBI-WB-ZZ-M3-A-0003_MSCP.dwg		All Heights in mm AOD					
Scheme Confirmed: -		Date: -		Drawn By: EF		Scale: NTS	
				Date: Mar 22		Dwg No: P2384/32	
						Rel: 09	





Sources: Z-Mapping LTD
3D CAD Model of Site & Surroundings (received 18/03/20)

IBI Group
Proposed Scheme Info (received 08/03/22)
THHR_01-IBI-WB-ZZ-M3-A-0005_Externals.dwg
THHR_02-IBI-WB-ZZ-M3-A-0003_MSCP.dwg

Key:

- Existing Buildings
- Proposed Scheme

All Heights in mm AOD

Project: Hillingdon Hospital Middlesex

Title: 3D View Proposed Scheme 08/03/22

Scheme Confirmed:

Date:

Drawn By:
EF

Scale:
NTS

Date:
Mar 22

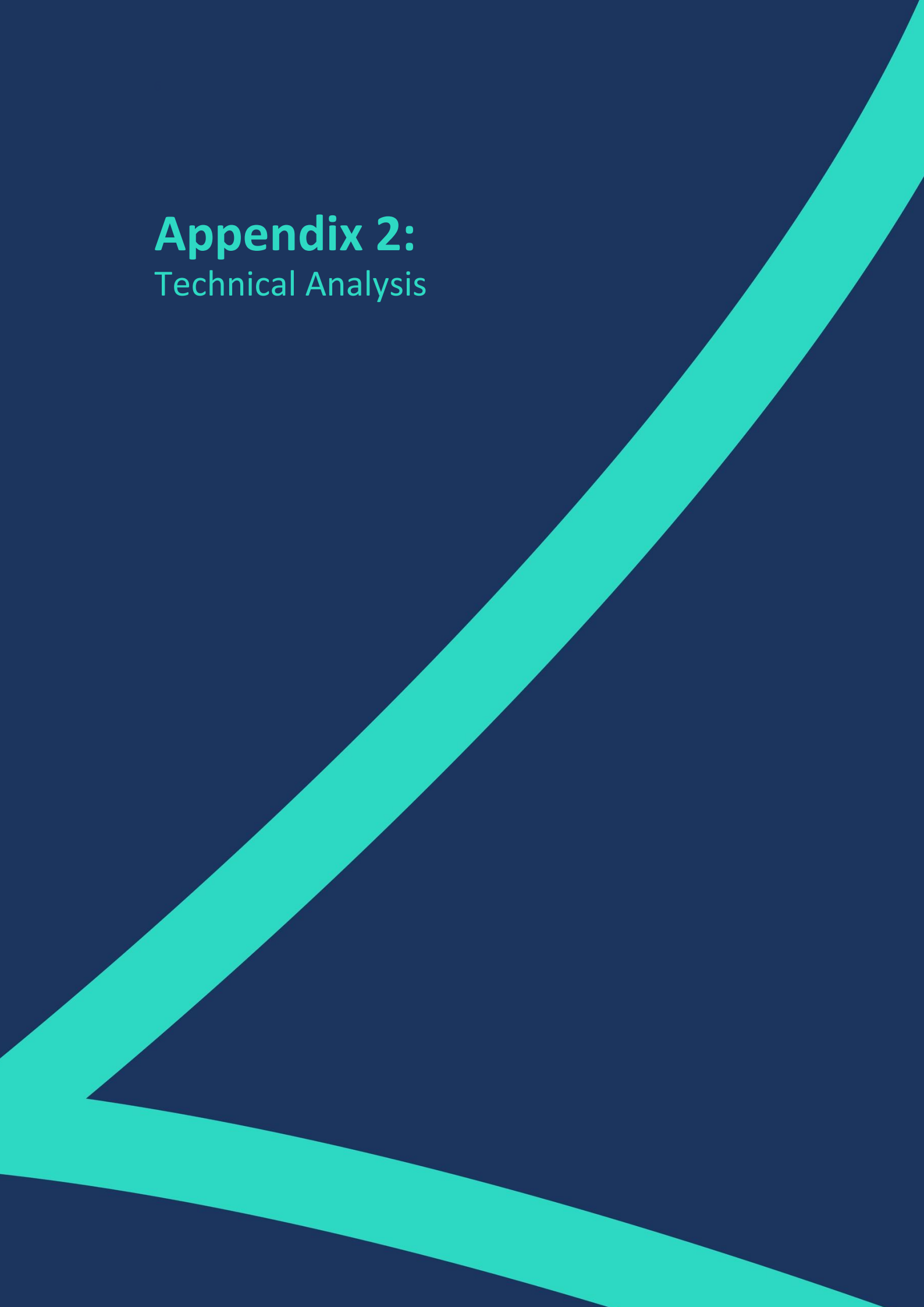
Dwg No:
P2384/33

Rel:
09



Appendix 2:

Technical Analysis





DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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39 Royal Lane

R1/310	ASSUMED_LIVING	W1/310	37.2	37.2	0.0	0.0
R1/310	ASSUMED_LIVING	W2/310	31.2	29.6	1.6	5.3
R1/310	ASSUMED_LIVING	W3/310	34.0	30.6	3.4	9.9
R1/310	ASSUMED_LIVING	W4/310	27.8	24.8	3.1	11.0
R2/311	ASSUMED_BEDROOM	W2/311	32.9	29.5	3.4	10.3

41 Royal Lane

R1/300		W1/300	28.3	26.5	1.7	6.1
R1/300		W2/300	30.2	27.4	2.8	9.4
R1/300		W3/300	7.2	5.9	1.2	17.1
R2/300		W4/300	9.3	9.3	0.0	0.0
R2/300		W5/300	11.9	11.9	0.0	0.0
R2/300		W6/300	34.0	30.3	3.7	11.0
R1/301		W1/301	35.4	32.2	3.1	8.9

43 Royal Lane

R2/280		W4/280	9.9	9.4	0.5	4.8
R2/280		W5/280	34.2	31.0	3.1	9.2
R2/280		W6/280	25.8	22.5	3.3	12.6
R1/281		W1/281	31.8	29.0	2.8	8.8
R2/281		W2/281	33.6	30.4	3.2	9.4
R3/281		W3/281	28.9	28.4	0.5	1.7
R3/281		W4/281	36.9	33.5	3.4	9.1
R3/281		W5/281	26.8	22.7	4.1	15.4
R1/290		W1/290	29.7	29.6	0.1	0.3
R1/291		W1/291	36.7	36.6	0.1	0.3

45 Royal Lane

R1/270	LD	W1/270	13.0	13.0	0.0	0.0
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DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R1/270	LD	W2/270	34.5	31.5	3.0	8.6
R3/270	STUDY	W10/270	35.6	31.4	4.1	11.6
R1/271	BEDROOM	W1/271	74.8	74.8	0.0	0.0
R2/271	BEDROOM	W2/271	37.9	33.9	4.0	10.6
47 Royal Lane						
R2/260	ASSUMED_LIVING	W3/260	15.7	15.7	0.0	0.0
R2/260	ASSUMED_LIVING	W4/260	35.9	30.6	5.3	14.7
R2/260	ASSUMED_LIVING	W5/260	17.2	12.8	4.5	25.8
R1/261	ASSUMED_BEDROOM	W1/261	37.4	32.1	5.3	14.1
49 Royal Lane						
R2/250	ASSUMED_LIVING	W3/250	10.7	10.7	0.0	-0.1
R2/250	ASSUMED_LIVING	W4/250	35.8	29.4	6.3	17.7
R2/251	ASSUMED_BEDROOM	W2/251	35.1	29.2	5.9	16.9
R3/251	ASSUMED_BEDROOM	W3/251	35.0	28.7	6.3	17.9
51 Royal Lane						
R3/250	ASSUMED_LIVING	W5/250	35.8	28.9	6.9	19.2
R3/250	ASSUMED_LIVING	W6/250	9.5	4.7	4.7	49.9
R4/251	ASSUMED_BEDROOM	W4/251	35.1	28.3	6.8	19.3
R5/251	ASSUMED_BEDROOM	W5/251	35.2	28.1	7.2	20.3
53 Royal Lane						
R6/250	ASSUMED_LIVING	W9/250	10.1	10.1	-0.1	-0.5
R6/250	ASSUMED_LIVING	W10/250	36.0	28.2	7.8	21.7
R6/251	ASSUMED_BEDROOM	W6/251	35.2	27.9	7.3	20.8
R7/251	ASSUMED_BEDROOM	W7/251	35.2	27.5	7.7	21.8



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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55 Royal Lane

R7/250	ASSUMED_LIVING	W11/250	35.9	27.7	8.2	22.8
R7/250	ASSUMED_LIVING	W12/250	9.0	4.3	4.7	52.3
R8/251	ASSUMED_BEDROOM	W8/251	35.1	27.0	8.1	23.0
R9/251	ASSUMED_BEDROOM	W9/251	34.9	26.6	8.2	23.6

57 Royal Lane

R2/240	ASSUMED_LIVING	W2/240	24.9	24.8	0.1	0.5
R2/240	ASSUMED_LIVING	W8/240	37.4	27.2	10.2	27.2
R2/241	ASSUMED_BEDROOM	W2/241	35.9	26.6	9.4	26.0
R3/241	ASSUMED_BEDROOM	W3/241	35.8	26.1	9.7	27.2

59 Royal Lane

R4/240	LIVINGROOM	W9/240	37.4	26.8	10.6	28.3
R4/241	BEDROOM	W4/241	35.8	25.5	10.3	28.7
R5/241	BEDROOM	W5/241	35.7	25.1	10.6	29.6
R1/242	BEDROOM	W1/242	39.4	39.4	0.0	0.0
R1/242	BEDROOM	W2/242	86.7	79.3	7.4	8.5

61 Royal Lane

R7/240	ASSUMED_LIVING	W17/240	37.3	25.9	11.5	30.8
R6/241	ASSUMED_BEDROOM	W6/241	35.7	25.0	10.8	30.2
R7/241	ASSUMED_BEDROOM	W7/241	35.7	24.6	11.2	31.2

63 Royal Lane

R8/240	ASSUMED_LIVING	W18/240	37.3	25.5	11.9	31.8
R8/240	ASSUMED_LIVING	W19/240	11.5	6.1	5.3	46.6



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R8/240	ASSUMED_LIVING	W20/240	25.8	13.9	11.9	46.1
R8/240	ASSUMED_LIVING	W21/240	24.6	19.9	4.7	19.3
R8/241	ASSUMED_BEDROOM	W8/241	35.7	24.2	11.5	32.3
R9/241	ASSUMED_BEDROOM	W9/241	35.8	24.0	11.8	32.9
65 Royal Lane						
R3/220		W3/220	19.0	17.8	1.2	6.1
R3/220		W4/220	36.4	23.3	13.1	35.9
R3/220		W5/220	19.9	14.5	5.4	27.2
R3/221	ASSUMED_BEDROOM	W3/221	37.5	24.9	12.6	33.6
67 Royal Lane						
R1/210	KITCHEN	W1/210	19.8	13.1	6.7	34.0
R4/210	DINING	W4/210	20.0	18.5	1.5	7.6
R4/210	DINING	W5/210	37.1	23.2	13.9	37.5
R4/210	DINING	W6/210	21.2	15.7	5.5	25.9
R1/211	BEDROOM	W1/211	38.5	38.5	0.0	0.0
R1/211	BEDROOM	W2/211	76.1	74.1	2.0	2.7
R3/211	BEDROOM	W4/211	37.7	24.3	13.5	35.7
69 Royal Lane						
R1/190	ASSUMED_LIVING	W1/190	20.8	19.0	1.8	8.5
R1/190	ASSUMED_LIVING	W2/190	36.3	21.8	14.5	40.0
R1/190	ASSUMED_LIVING	W3/190	18.9	13.3	5.6	29.5
R1/191	ASSUMED_BEDROOM	W1/191	37.2	23.0	14.2	38.2
71 Royal Lane						
R1/10	KD	W1/10	30.8	30.8	0.0	0.0
R1/10	KD	W2/10	31.1	20.3	10.7	34.6
R1/10	KD	W3/10	22.4	14.5	7.9	35.4



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/10	BEDROOM	W6/10	19.5	16.5	3.0	15.3
R4/10	BEDROOM	W7/10	35.9	19.1	16.8	46.8
R4/10	BEDROOM	W8/10	20.1	14.9	5.2	25.9
R1/11	BEDROOM	W1/11	37.3	21.4	15.9	42.7
73 Royal Lane						
R3/30	ASSUMED_BEDROOM	W3/30	19.6	16.0	3.5	18.1
R3/30	ASSUMED_BEDROOM	W4/30	36.0	18.6	17.4	48.3
R3/30	ASSUMED_BEDROOM	W5/30	20.7	15.5	5.2	25.0
R1/31	ASSUMED_BEDROOM	W1/31	37.5	21.0	16.5	43.9
75 Royal Lane						
R2/40	ASSUMED_BEDROOM	W2/40	19.3	15.3	4.0	20.6
R2/40	ASSUMED_BEDROOM	W3/40	36.3	18.8	17.5	48.3
R2/40	ASSUMED_BEDROOM	W4/40	18.7	14.6	4.2	22.2
R1/41	ASSUMED_BEDROOM	W1/41	37.1	20.6	16.5	44.4
77 Royal Lane						
R3/50	ASSUMED_LIVING	W5/50	10.0	5.9	4.1	40.6
R3/50	ASSUMED_LIVING	W6/50	34.4	17.1	17.3	50.2
R2/51	ASSUMED_BEDROOM	W2/51	35.9	19.7	16.2	45.0
79 Royal Lane						
R4/50	ASSUMED_LIVING	W7/50	35.0	17.9	17.1	48.8
R4/50	ASSUMED_LIVING	W8/50	8.6	5.1	3.5	41.0
R3/51	ASSUMED_BEDROOM	W3/51	35.8	19.9	16.0	44.5
81 Royal Lane						
R2/60	ASSUMED_LIVING	W5/60	34.6	18.2	16.4	47.5
R2/61	ASSUMED_BEDROOM	W2/61	35.8	20.6	15.2	42.5



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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83 Royal Lane

R3/60	ASSUMED_LIVING	W6/60	35.0	19.0	16.1	45.8
R3/61	ASSUMED_BEDROOM	W3/61	35.8	21.0	14.8	41.4

85 Royal Lane

R4/70	ASSUMED_BEDROOM	W5/70	19.4	14.1	5.3	27.2
R4/70	ASSUMED_BEDROOM	W6/70	37.0	23.1	13.9	37.5
R4/70	ASSUMED_BEDROOM	W7/70	19.0	16.5	2.5	13.1
R1/71	ASSUMED_BEDROOM	W1/71	37.0	24.0	13.0	35.1

87 Royal Lane

R3/90	ASSUMED_LIVING	W6/90	19.1	13.6	5.5	28.7
R3/90	ASSUMED_LIVING	W7/90	35.6	23.3	12.3	34.5
R3/90	ASSUMED_LIVING	W8/90	19.0	16.2	2.7	14.4
R2/91	ASSUMED_BEDROOM	W2/91	37.7	26.2	11.5	30.5
R3/91	ASSUMED_BEDROOM	W3/91	37.7	26.7	11.0	29.1

89 Royal Lane

R3/100	LOUNGE	W6/100	24.6	15.1	9.5	38.6
R3/100	LOUNGE	W7/100	37.4	26.5	10.9	29.2
R2/101	ASSUMED_BEDROOM	W2/101	27.1	16.9	10.2	37.7
R3/101	ASSUMED_BEDROOM	W3/101	22.6	13.0	9.6	42.4
R3/101	ASSUMED_BEDROOM	W4/101	35.5	25.6	9.9	27.9

91 Royal Lane

R4/100	ASSUMED_LOUNGE	W8/100	37.5	26.8	10.7	28.6
R4/100	ASSUMED_LOUNGE	W9/100	24.0	18.6	5.4	22.5
R4/101	ASSUMED_BEDROOM	W5/101	36.0	26.3	9.7	27.0
R4/101	ASSUMED_BEDROOM	W6/101	22.5	16.7	5.9	26.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R5/101	ASSUMED_BEDROOM	W7/101	26.7	17.3	9.5	35.4
93 Royal Lane						
R3/110		W5/110	28.6	19.6	9.0	31.5
R3/110		W6/110	37.5	27.3	10.2	27.1
R2/111	ASSUMED_BEDROOM	W2/111	28.8	20.0	8.9	30.8
R3/111	ASSUMED_BEDROOM	W3/111	24.4	16.0	8.4	34.3
R3/111	ASSUMED_BEDROOM	W4/111	37.0	28.0	9.0	24.4
95 Royal Lane						
R4/110		W7/110	37.2	26.8	10.4	28.0
R4/110		W8/110	18.4	12.9	5.6	30.2
R4/111	ASSUMED_BEDROOM	W5/111	37.2	28.1	9.2	24.7
R4/111	ASSUMED_BEDROOM	W6/111	24.1	17.8	6.3	26.0
R5/111	ASSUMED_BEDROOM	W7/111	28.8	19.4	9.5	32.8
97 Royal Lane						
R1/120	ASSUMED_LIVING	W4/120	36.1	24.6	11.5	31.8
R2/121	ASSUMED_BEDROOM	W2/121	36.5	26.7	9.8	26.9
99 Royal Lane						
R3/120	LIVINGROOM	W5/120	36.5	24.7	11.9	32.5
R3/121	BEDROOM	W3/121	36.5	26.4	10.1	27.6
101 Royal Lane						
R2/130		W6/130	36.4	24.2	12.2	33.6
R2/131	ASSUMED_BEDROOM	W2/131	36.5	26.2	10.3	28.3
R1/132		W1/132	88.3	83.0	5.3	6.0
R1/132		W2/132	88.9	83.0	5.9	6.6



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R1/132		W3/132	39.3	39.3	0.0	0.0
103 Royal Lane						
R3/130		W7/130	36.4	24.1	12.3	33.8
R3/131	ASSUMED_BEDROOM	W3/131	36.5	26.1	10.4	28.5
105 Royal Lane						
R1/140	ASSUMED_LIVING	W1/140	9.8	5.7	4.1	41.9
R1/140	ASSUMED_LIVING	W2/140	36.3	24.9	11.3	31.2
R2/141		W2/141	34.8	25.3	9.5	27.2
107 Royal Lane						
R2/140	ASSUMED_LIVING	W3/140	36.4	25.1	11.3	31.0
R3/141		W3/141	34.8	25.4	9.4	27.1
109 Royal Lane						
R2/160		W6/160	36.5	25.5	10.9	30.0
R2/161		W2/161	34.8	25.7	9.2	26.3
111 Royal Lane						
R3/160		W7/160	36.5	25.8	10.7	29.3
R3/161		W3/161	34.8	25.9	8.9	25.6
113 Royal Lane						
R1/170		W1/170	33.7	27.8	5.9	17.6
R1/170		W2/170	22.2	16.8	5.4	24.3
R1/170		W3/170	26.9	21.6	5.3	19.6
R2/170		W4/170	36.7	31.3	5.4	14.7
R1/171	ASSUMED_BEDROOM	W1/171	36.6	32.2	4.4	12.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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115 Royal Lane

R1/180	BEDROOM	W1/180	36.2	33.1	3.0	8.4
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102 Field Heath Road

R1/420		W1/420	31.1	29.7	1.4	4.3
R2/420		W2/420	22.7	21.2	1.5	6.5
R2/420		W3/420	21.2	20.0	1.2	5.8
R2/420		W4/420	21.2	20.1	1.1	5.0
R3/420		W5/420	16.1	15.7	0.4	2.5
R3/420		W6/420	37.1	35.6	1.6	4.2
R1/421		W1/421	28.4	27.1	1.3	4.6
R2/421		W2/421	25.6	25.3	0.4	1.5
R2/421		W3/421	37.6	36.2	1.4	3.6

100 Field Heath Road

R1/430		W1/430	36.8	35.2	1.6	4.3
R1/430		W2/430	9.9	9.8	0.1	1.0
R2/430		W3/430	17.5	17.5	0.0	0.0
R2/430		W4/430	32.8	31.0	1.7	5.3
R2/430		W6/430	35.4	33.6	1.8	5.1
R2/430		W7/430	26.6	24.8	1.7	6.5
R2/430		W9/430	32.5	30.7	1.7	5.3
R4/430		W10/430	34.1	32.8	1.3	3.8
R5/430		W11/430	33.5	32.3	1.2	3.5
R5/430		W12/430	33.2	33.2	0.0	0.0
R5/430		W13/430	33.1	33.1	0.0	0.0
R1/431		W1/431	37.8	36.4	1.4	3.8
R1/431		W2/431	24.6	22.8	1.8	7.2
R2/431		W3/431	29.0	27.6	1.5	5.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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R3/431		W4/431	27.3	25.8	1.5	5.6
R3/431		W5/431	33.0	31.9	1.1	3.2

40-57 Arklay Close

R1/410		W1/410	36.0	36.0	0.0	0.0
R2/410		W2/410	36.2	36.2	0.0	0.0
R3/410		W3/410	36.2	36.2	0.0	0.0
R4/410		W4/410	36.4	36.4	0.0	0.0
R5/410		W5/410	36.6	36.6	0.0	0.0
R6/410		W7/410	34.7	32.8	1.9	5.4
R6/410		W8/410	35.4	33.4	2.0	5.6
R7/410		W6/410	34.3	32.7	1.6	4.5
R8/410		W9/410	34.2	33.0	1.2	3.5
R9/410		W10/410	34.2	33.3	0.9	2.6
R9/410		W11/410	34.2	33.4	0.8	2.4
R10/410		W12/410	34.2	33.7	0.5	1.5
R10/410		W13/410	34.2	33.7	0.4	1.3
R11/410		W14/410	34.1	33.9	0.2	0.6
R12/410		W15/410	33.9	33.9	0.0	0.1
R13/410		W16/410	34.2	34.2	0.0	0.0
R13/410		W17/410	38.1	33.6	4.5	11.8
R14/410		W18/410	38.1	33.3	4.8	12.7
R15/410		W19/410	38.0	32.8	5.2	13.7
R16/410		W20/410	38.0	32.4	5.6	14.6



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R17/410		W21/410	37.9	31.9	6.0	15.9
R18/410		W22/410	34.0	32.5	1.5	4.4
R1/411		W1/411	37.7	37.7	0.0	0.0
R2/411		W2/411	37.7	37.7	0.0	0.0
R3/411		W3/411	37.8	37.8	0.0	0.0
R4/411		W4/411	37.8	37.8	0.0	0.0
R5/411		W5/411	37.9	37.9	0.0	0.0
R6/411		W7/411	36.4	34.8	1.6	4.3
R6/411		W8/411	36.9	35.2	1.7	4.5
R7/411		W6/411	35.8	34.5	1.3	3.6
R8/411		W9/411	35.7	34.7	1.0	2.7
R9/411		W10/411	35.6	34.9	0.7	2.1
R9/411		W11/411	35.6	35.0	0.7	1.9
R10/411		W12/411	35.6	35.2	0.4	1.2
R10/411		W13/411	35.7	35.3	0.4	1.0
R11/411		W14/411	35.7	35.5	0.2	0.5
R12/411		W15/411	35.7	35.7	0.0	0.1
R13/411		W16/411	36.2	36.2	0.0	0.0
R13/411		W17/411	38.5	34.8	3.7	9.6
R14/411		W18/411	38.4	34.4	4.0	10.3
R15/411		W19/411	38.4	34.1	4.3	11.1
R16/411		W20/411	38.4	33.8	4.6	11.9
R17/411		W21/411	38.3	33.3	5.0	13.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R18/411		W22/411	35.2	34.0	1.2	3.3
R1/412		W1/412	36.8	36.8	0.0	0.0
R2/412		W2/412	35.7	35.7	0.0	0.0
R3/412		W3/412	38.0	38.0	0.0	0.0
R4/412		W4/412	36.9	36.9	0.0	0.0
R5/412		W5/412	36.2	36.2	0.0	0.0
R6/412		W7/412	36.4	35.1	1.2	3.4
R6/412		W8/412	35.7	34.5	1.2	3.4
R7/412		W6/412	37.0	35.9	1.1	2.9
R8/412		W9/412	32.1	31.3	0.9	2.6
R9/412		W10/412	32.7	32.0	0.6	1.9
R9/412		W11/412	32.7	32.2	0.6	1.7
R10/412		W12/412	33.0	32.7	0.3	1.0
R10/412		W13/412	33.2	32.9	0.3	0.8
R11/412		W14/412	33.6	33.5	0.1	0.3
R12/412		W15/412	33.9	33.9	0.0	0.0
R13/412		W16/412	35.4	35.4	0.0	0.0
R13/412		W17/412	37.1	34.5	2.6	7.0
R14/412		W18/412	33.8	31.1	2.8	8.2
R15/412		W19/412	34.8	31.8	3.0	8.6
R16/412		W20/412	37.2	33.9	3.2	8.7
R17/412		W21/412	37.1	33.5	3.6	9.6

1-21 Morton Close



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R1/400		W1/400	34.5	33.8	0.8	2.2
R2/400		W2/400	35.0	34.2	0.9	2.4
R3/400		W3/400	35.8	34.7	1.1	2.9
R3/400		W4/400	37.7	31.8	5.9	15.6
R4/400		W5/400	37.6	31.9	5.7	15.2
R4/400		W6/400	37.6	32.0	5.6	15.0
R5/400		W7/400	37.5	32.1	5.5	14.5
R6/400		W8/400	37.5	32.2	5.3	14.2
R6/400		W9/400	37.5	32.2	5.2	13.9
R7/400		W10/400	34.4	29.5	4.8	14.0
R7/400		W11/400	36.6	32.0	4.6	12.5
R8/400		W12/400	37.0	32.7	4.3	11.5
R9/400		W13/400	36.6	32.6	4.0	10.9
R9/400		W14/400	35.3	31.6	3.7	10.5
R10/400		W18/400	35.5	33.3	2.1	6.0
R11/400		W17/400	35.7	33.4	2.3	6.5
R12/400		W16/400	35.8	33.4	2.5	6.9
R13/400		W15/400	35.9	33.4	2.6	7.1
R14/400		W19/400	32.7	31.7	0.9	2.8
R14/400		W20/400	33.3	32.3	0.9	2.8
R15/400		W21/400	32.6	31.9	0.8	2.4
R16/400		W22/400	31.3	30.8	0.6	1.8
R16/400		W23/400	29.2	28.8	0.4	1.4
R17/400		W24/400	29.1	29.1	0.0	0.0
R17/400		W25/400	29.1	29.1	0.0	-0.1



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R18/400		W26/400	28.9	29.0	-0.1	-0.2
R18/400		W27/400	28.9	28.9	-0.1	-0.2
R19/400		W28/400	28.9	29.0	-0.1	-0.2
R1/401		W1/401	36.4	35.7	0.6	1.8
R2/401		W3/401	37.2	36.4	0.9	2.3
R2/401		W4/401	38.0	33.3	4.8	12.5
R3/401		W2/401	36.7	36.0	0.7	1.9
R4/401		W5/401	37.9	33.3	4.6	12.2
R4/401		W6/401	37.9	33.3	4.6	12.1
R5/401		W7/401	37.9	33.4	4.4	11.7
R6/401		W8/401	37.9	33.5	4.4	11.5
R6/401		W9/401	37.8	33.6	4.3	11.3
R7/401		W10/401	34.8	30.8	3.9	11.3
R7/401		W11/401	37.1	33.3	3.7	10.1
R8/401		W12/401	37.6	34.1	3.5	9.3
R9/401		W13/401	37.2	34.0	3.2	8.7
R9/401		W14/401	35.9	32.9	3.0	8.4
R10/401		W15/401	36.7	34.7	2.1	5.6
R11/401		W16/401	36.7	34.7	2.0	5.4
R12/401		W17/401	36.5	34.7	1.9	5.1
R13/401		W18/401	36.4	34.6	1.7	4.8
R14/401		W19/401	33.9	33.1	0.7	2.2
R14/401		W20/401	34.5	33.8	0.7	2.1
R15/401		W21/401	34.1	33.5	0.6	1.7
R16/401		W22/401	32.9	32.5	0.4	1.2



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R16/401		W23/401	30.7	30.4	0.3	0.9
R17/401		W24/401	31.6	31.6	-0.1	-0.2
R17/401		W25/401	31.5	31.6	-0.1	-0.3
R18/401		W26/401	31.4	31.6	-0.1	-0.3
R18/401		W27/401	31.4	31.6	-0.1	-0.4
R19/401		W28/401	31.6	31.7	-0.1	-0.3
R1/402		W1/402	33.3	32.9	0.5	1.4
R2/402		W3/402	34.3	33.7	0.7	1.9
R2/402		W4/402	33.6	30.2	3.4	10.1
R3/402		W2/402	32.9	32.4	0.5	1.5
R4/402		W5/402	34.1	30.8	3.3	9.7
R4/402		W6/402	34.1	30.8	3.3	9.6
R5/402		W7/402	34.1	30.9	3.2	9.4
R6/402		W8/402	34.0	30.8	3.1	9.2
R6/402		W9/402	34.0	30.9	3.1	9.0
R7/402		W10/402	34.0	31.1	2.8	8.3
R7/402		W11/402	37.2	34.6	2.7	7.1
R8/402		W12/402	37.7	35.3	2.4	6.4
R9/402		W13/402	37.3	35.1	2.3	6.1
R9/402		W14/402	35.9	33.9	2.1	5.8
R10/402		W15/402	37.3	35.9	1.4	3.6
R11/402		W16/402	37.2	35.9	1.3	3.5
R12/402		W17/402	37.1	35.9	1.2	3.3
R13/402		W18/402	37.0	35.9	1.1	3.0
R14/402		W19/402	34.7	34.3	0.4	1.1



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R14/402		W20/402	35.5	35.1	0.4	1.0
R15/402		W21/402	35.2	35.0	0.3	0.8
R16/402		W22/402	34.1	34.0	0.1	0.4
R16/402		W23/402	31.9	31.8	0.0	0.1
R17/402		W24/402	33.9	34.0	-0.2	-0.5
R17/402		W25/402	33.8	34.0	-0.2	-0.5
R18/402		W26/402	33.8	34.0	-0.2	-0.5
R18/402		W27/402	33.8	34.0	-0.2	-0.6
R19/402		W28/402	34.0	34.2	-0.2	-0.5
R1/403		W1/403	34.9	33.2	1.7	4.8
R1/403		W2/403	34.7	33.1	1.5	4.4
R2/403		W3/403	34.3	32.9	1.4	4.1
R3/403		W4/403	33.8	32.5	1.3	3.8
R3/403		W5/403	32.4	31.2	1.2	3.6
R4/403		W6/403	36.8	36.1	0.7	1.8
R5/403		W7/403	36.5	35.9	0.6	1.7
R6/403		W8/403	36.5	35.9	0.6	1.6
R7/403		W9/403	36.6	36.1	0.5	1.4
R8/403		W10/403	31.0	31.0	0.0	0.1
R8/403		W11/403	31.9	31.9	0.0	0.0
R9/403		W12/403	31.9	31.9	-0.1	-0.2
R10/403		W13/403	31.1	31.3	-0.2	-0.5
R10/403		W14/403	28.9	29.1	-0.2	-0.7
R11/403		W15/403	30.7	30.9	-0.3	-0.9
R11/403		W16/403	30.6	30.9	-0.3	-0.9



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R12/403		W17/403	30.5	30.7	-0.3	-0.9
R12/403		W18/403	30.5	30.7	-0.3	-0.9
R13/403		W19/403	30.7	30.9	-0.2	-0.8
64-90 Crispin Way						
R1/440		W1/440	30.6	29.6	1.0	3.2
R2/440		W2/440	30.6	29.5	1.1	3.5
R2/440		W3/440	30.6	29.5	1.1	3.6
R3/440		W4/440	30.8	29.6	1.2	3.8
R3/440		W5/440	30.8	29.6	1.2	3.9
R4/440		W6/440	31.1	28.8	2.3	7.5
R4/440		W7/440	33.2	30.7	2.5	7.4
R5/440		W8/440	34.4	31.7	2.6	7.6
R6/440		W9/440	34.8	32.0	2.8	8.0
R6/440		W10/440	34.1	31.2	2.9	8.6
R7/440		W11/440	36.2	33.1	3.1	8.5
R7/440		W12/440	36.2	33.1	3.1	8.6
R8/440		W13/440	36.3	33.2	3.1	8.5
R9/440		W14/440	36.3	33.2	3.1	8.5
R10/440		W15/440	36.3	33.2	3.1	8.4
R10/440		W16/440	36.3	33.2	3.1	8.4
R11/440		W17/440	33.8	31.1	2.8	8.2
R11/440		W18/440	35.6	33.0	2.6	7.4
R12/440		W19/440	35.6	33.2	2.4	6.6
R13/440		W20/440	34.9	32.8	2.2	6.2
R13/440		W21/440	32.4	30.5	2.0	6.1
R14/440		W22/440	34.9	33.2	1.7	4.8



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R14/440		W23/440	34.9	33.3	1.6	4.4
R15/440		W24/440	34.7	33.5	1.2	3.5
R16/440		W25/440	34.6	33.5	1.1	3.3
R16/440		W26/440	34.6	33.5	1.1	3.2
R17/440		W27/440	34.5	33.5	1.0	2.8
R18/440		W28/440	23.2	23.5	-0.4	-1.7
R18/440		W29/440	28.4	28.1	0.3	1.0
R19/440		W30/440	31.5	30.8	0.6	2.0
R20/440		W31/440	25.8	25.3	0.5	1.9
R21/440		W32/440	34.0	33.9	0.1	0.3
R22/440		W33/440	34.0	34.0	0.0	-0.1
R22/440		W34/440	34.0	34.0	0.0	-0.1
R23/440		W35/440	34.0	34.1	-0.1	-0.3
R23/440		W36/440	34.7	34.7	0.0	-0.1
R24/440		W37/440	34.1	34.1	0.0	0.0
R25/440		W38/440	33.5	33.5	0.0	0.0
R1/441		W1/441	33.2	32.3	0.9	2.6
R2/441		W2/441	33.1	32.2	0.9	2.8
R2/441		W3/441	33.1	32.1	1.0	2.9
R3/441		W4/441	33.2	32.2	1.0	3.0
R3/441		W5/441	33.2	32.2	1.0	3.1
R4/441		W6/441	32.6	30.5	2.0	6.3
R4/441		W7/441	34.7	32.5	2.2	6.2
R5/441		W8/441	35.7	33.4	2.3	6.4
R6/441		W9/441	36.0	33.6	2.4	6.7



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R6/441		W10/441	35.2	32.7	2.6	7.3
R7/441		W11/441	37.1	34.4	2.6	7.0
R7/441		W12/441	37.1	34.5	2.7	7.1
R8/441		W13/441	37.1	34.5	2.6	7.0
R9/441		W14/441	37.1	34.5	2.6	7.0
R10/441		W15/441	37.1	34.5	2.6	7.0
R10/441		W16/441	37.2	34.6	2.6	7.0
R11/441		W17/441	34.6	32.3	2.3	6.7
R11/441		W18/441	36.5	34.2	2.2	6.1
R12/441		W19/441	36.5	34.6	1.9	5.3
R13/441		W20/441	35.9	34.1	1.8	5.0
R13/441		W21/441	33.3	31.7	1.6	4.8
R14/441		W22/441	35.8	34.5	1.3	3.7
R14/441		W23/441	35.8	34.5	1.3	3.5
R15/441		W24/441	35.6	34.6	1.0	2.7
R16/441		W25/441	35.5	34.6	0.9	2.5
R16/441		W26/441	35.5	34.6	0.9	2.4
R17/441		W27/441	35.5	34.7	0.7	2.1
R18/441		W28/441	23.9	24.4	-0.5	-2.1
R18/441		W29/441	29.6	29.5	0.1	0.4
R19/441		W30/441	33.1	32.7	0.4	1.2
R20/441		W31/441	26.6	26.4	0.2	0.9
R21/441		W32/441	35.1	35.0	0.0	0.1
R22/441		W33/441	35.0	35.1	-0.1	-0.2
R22/441		W34/441	35.0	35.1	-0.1	-0.2



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R23/441		W35/441	35.1	35.2	-0.1	-0.4
R23/441		W36/441	36.9	36.9	0.0	0.1
R24/441		W37/441	36.6	36.6	0.0	0.0
R25/441		W38/441	36.4	36.4	0.0	0.0
R1/442		W1/442	35.4	34.8	0.7	1.9
R2/442		W2/442	35.3	34.6	0.7	2.0
R2/442		W3/442	35.2	34.5	0.7	2.1
R3/442		W4/442	35.2	34.4	0.8	2.2
R3/442		W5/442	35.3	34.4	0.8	2.3
R4/442		W6/442	33.7	32.1	1.6	4.8
R4/442		W7/442	35.8	34.2	1.7	4.7
R5/442		W8/442	36.7	35.0	1.8	4.8
R6/442		W9/442	36.8	34.9	1.9	5.1
R6/442		W10/442	35.9	33.9	2.0	5.6
R7/442		W11/442	37.6	35.6	2.0	5.2
R7/442		W12/442	37.6	35.6	2.0	5.3
R8/442		W13/442	37.6	35.7	1.9	5.1
R9/442		W14/442	37.6	35.7	1.9	5.1
R10/442		W15/442	37.6	35.7	1.9	5.1
R10/442		W16/442	37.7	35.7	1.9	5.1
R11/442		W17/442	34.9	33.2	1.7	4.7
R11/442		W18/442	36.8	35.3	1.6	4.3
R12/442		W19/442	37.0	35.7	1.3	3.6
R13/442		W20/442	36.5	35.3	1.2	3.4
R13/442		W21/442	33.2	32.2	1.1	3.2
R14/442		W22/442	32.3	31.5	0.8	2.5



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R14/442		W23/442	32.3	31.5	0.8	2.4
R15/442		W24/442	32.0	31.5	0.5	1.6
R16/442		W25/442	32.0	31.6	0.4	1.3
R16/442		W26/442	32.0	31.6	0.4	1.3
R17/442		W27/442	31.4	31.1	0.3	0.9
R18/442		W28/442	22.9	23.6	-0.7	-3.0
R18/442		W29/442	29.5	29.6	-0.2	-0.6
R19/442		W30/442	31.0	31.0	0.0	0.1
R20/442		W31/442	27.0	27.1	-0.1	-0.4
R21/442		W32/442	31.4	31.7	-0.3	-1.0
R22/442		W33/442	31.8	32.2	-0.4	-1.2
R22/442		W34/442	31.8	32.1	-0.4	-1.1
R23/442		W35/442	31.8	32.2	-0.4	-1.3
R23/442		W36/442	34.0	34.0	0.0	-0.1
R24/442		W37/442	33.8	33.8	0.0	-0.1
R25/442		W38/442	34.1	34.1	0.0	-0.1
R1/443		W1/443	33.6	33.2	0.5	1.4
R2/443		W2/443	33.3	32.7	0.5	1.5
R2/443		W3/443	33.1	32.6	0.5	1.6
R3/443		W4/443	32.8	32.3	0.6	1.7
R3/443		W5/443	32.8	32.2	0.6	1.8
R4/443		W6/443	32.4	31.2	1.2	3.6
R4/443		W7/443	34.0	32.8	1.2	3.5
R5/443		W8/443	33.8	32.6	1.3	3.7
R6/443		W9/443	33.0	31.7	1.3	3.9



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R6/443		W10/443	31.4	30.0	1.4	4.5
R7/443		W11/443	36.9	35.7	1.3	3.4
R7/443		W12/443	37.3	36.1	1.3	3.4
R8/443		W13/443	37.0	35.8	1.2	3.3
R9/443		W14/443	37.0	35.8	1.2	3.2
R10/443		W15/443	37.3	36.1	1.2	3.2
R10/443		W16/443	36.9	35.8	1.2	3.2
R11/443		W17/443	30.4	29.5	0.9	2.9
R11/443		W18/443	33.0	32.2	0.8	2.5
R12/443		W19/443	34.0	33.4	0.6	1.8
R13/443		W20/443	34.7	34.2	0.5	1.5
R13/443		W21/443	35.3	34.9	0.4	1.2

Drake House

R1/450	W1/450	29.9	30.0	-0.1	-0.4
R1/450	W2/450	16.4	16.9	-0.5	-3.1
R2/450	W3/450	27.0	26.9	0.0	0.1
R3/450	W4/450	29.8	29.5	0.4	1.3
R4/450	W5/450	26.0	25.6	0.4	1.6
R5/450	W6/450	24.5	24.1	0.4	1.7
R6/450	W7/450	30.2	29.7	0.5	1.6
R7/450	W8/450	28.0	27.0	0.9	3.4
R8/450	W9/450	32.6	31.9	0.8	2.3
R8/450	W10/450	17.1	17.8	-0.6	-3.6
R9/450	W13/450	33.7	34.3	-0.6	-1.7



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R10/450		W11/450	25.9	26.4	-0.5	-2.1
R10/450		W12/450	14.4	15.1	-0.7	-4.9
R11/450		W14/450	31.3	31.2	0.1	0.4
R12/450		W15/450	30.8	30.7	0.1	0.4
R13/450		W16/450	18.2	18.2	0.0	0.1
R14/450		W17/450	30.8	30.7	0.1	0.3
R15/450		W18/450	31.0	30.9	0.1	0.3
R16/450		W19/450	30.6	30.5	0.1	0.3
R17/450		W20/450	0.3	0.3	0.0	3.4
R18/450		W21/450	29.5	29.5	0.0	0.0
R19/450		W22/450	32.4	32.4	0.0	0.1
R20/450		W23/450	32.6	32.6	0.0	0.1
R1/451		W1/451	32.3	32.5	-0.1	-0.4
R1/451		W2/451	18.9	19.6	-0.8	-4.0
R2/451		W3/451	29.4	29.4	0.0	0.0
R3/451		W4/451	33.5	33.4	0.1	0.2
R4/451		W5/451	33.6	33.4	0.1	0.4
R5/451		W6/451	27.8	27.5	0.2	0.8
R6/451		W7/451	27.0	26.7	0.3	1.1
R7/451		W8/451	34.0	33.6	0.4	1.1
R8/451		W9/451	34.1	33.6	0.5	1.3
R9/451		W10/451	30.4	29.5	0.9	3.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R10/451		W11/451	34.6	33.9	0.7	2.0
R10/451		W12/451	19.1	19.8	-0.7	-3.8
R11/451		W13/451	34.1	34.6	-0.5	-1.6
R11/451		W14/451	34.1	34.7	-0.6	-1.6
R12/451		W15/451	35.4	36.0	-0.6	-1.6
R13/451		W16/451	34.6	34.5	0.1	0.2
R14/451		W17/451	34.2	34.2	0.1	0.1
R15/451		W18/451	34.1	34.0	0.0	0.1
R16/451		W19/451	34.2	34.2	0.0	0.1
R17/451		W20/451	34.5	34.5	0.0	0.1
R18/451		W21/451	34.6	34.5	0.0	0.1
R19/451		W22/451	34.5	34.5	0.0	0.1
R20/451		W23/451	34.6	34.6	0.0	0.1
R21/451		W24/451	34.8	34.8	0.0	0.0
R22/451		W25/451	34.9	34.9	0.0	0.0

Freeman House

R1/460	W1/460	30.7	31.1	-0.3	-1.1
R2/460	W2/460	34.3	34.6	-0.2	-0.7
R3/460	W3/460	34.0	34.3	-0.2	-0.7
R4/460	W4/460	31.8	31.9	-0.1	-0.4
R5/460	W5/460	29.8	29.9	-0.1	-0.4
R6/460	W12/460	8.7	9.1	-0.4	-4.6



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R7/460		W14/460	16.5	15.9	0.5	3.2
R8/460		W6/460	10.4	10.2	0.1	1.2
R8/460		W8/460	10.5	10.7	-0.2	-1.7
R8/460		W9/460	10.7	11.0	-0.2	-2.0
R8/460		W10/460	9.1	8.7	0.4	4.1
R8/460		W11/460	9.6	9.2	0.4	3.8
R8/460		W15/460	10.8	10.7	0.1	0.7
R9/460		W7/460	15.9	16.2	-0.3	-1.6
R9/460		W13/460	24.4	24.3	0.1	0.5
R10/460		W16/460	35.8	35.6	0.2	0.5
R11/460		W17/460	31.9	31.8	0.0	0.1
R12/460		W18/460	31.6	31.5	0.0	0.1
R13/460		W19/460	30.6	30.6	0.0	0.1
R14/460		W20/460	30.2	30.2	0.0	0.1
R1/461		W1/461	35.4	35.6	-0.1	-0.4
R2/461		W2/461	35.6	36.0	-0.4	-1.2
R3/461		W3/461	35.4	35.8	-0.4	-1.2
R4/461		W4/461	33.9	34.2	-0.4	-1.0
R5/461		W5/461	32.4	32.7	-0.3	-1.0
R6/461		W6/461	11.2	10.9	0.3	2.8
R6/461		W7/461	12.6	12.4	0.3	2.1
R6/461		W8/461	12.3	12.2	0.0	0.3
R6/461		W9/461	13.8	13.7	0.0	0.1
R6/461		W10/461	11.9	12.2	-0.3	-2.1
R6/461		W11/461	12.9	13.2	-0.3	-2.2
R7/461		W12/461	11.9	12.3	-0.4	-3.1
R8/461		W13/461	19.7	19.1	0.6	2.8



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R9/461		W14/461	28.1	28.0	0.1	0.5
R9/461		W15/461	16.4	16.7	-0.3	-2.1
R10/461		W16/461	36.4	36.6	-0.2	-0.5
R11/461		W17/461	34.0	34.0	0.0	0.0
R12/461		W18/461	33.8	33.7	0.0	0.0
R13/461		W19/461	33.1	33.1	0.0	0.0
R14/461		W20/461	32.8	32.8	0.0	0.0
R1/462		W1/462	37.1	36.8	0.3	0.8
R2/462		W2/462	36.6	37.2	-0.5	-1.5
R3/462		W3/462	36.6	37.2	-0.5	-1.4
R4/462		W4/462	36.3	36.7	-0.5	-1.3
R5/462		W5/462	35.8	36.2	-0.4	-1.2
R6/462		W6/462	17.2	16.9	0.2	1.3
R6/462		W7/462	23.2	23.0	0.2	0.9
R6/462		W8/462	18.9	18.9	0.0	-0.2
R6/462		W9/462	26.1	26.1	-0.1	-0.3
R6/462		W10/462	16.6	16.9	-0.3	-1.9
R6/462		W11/462	21.7	22.1	-0.4	-1.6
R7/462		W12/462	24.3	24.6	-0.3	-1.4
R8/462		W13/462	28.0	27.5	0.6	2.0
R9/462		W14/462	34.6	34.4	0.1	0.4
R9/462		W15/462	17.8	18.2	-0.4	-2.2
R10/462		W16/462	37.0	37.4	-0.4	-1.1
R11/462		W17/462	36.0	36.0	0.0	0.0



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R12/462		W18/462	35.8	35.9	0.0	0.0
R13/462		W19/462	35.4	35.4	0.0	0.0
R14/462		W20/462	35.2	35.2	0.0	0.0
John Rich House						
R1/470		W1/470	32.8	33.0	-0.2	-0.5
R2/470		W2/470	33.6	33.7	-0.1	-0.4
R3/470		W3/470	31.8	31.9	0.0	-0.1
R4/470		W4/470	26.8	27.1	-0.3	-1.0
R4/470		W6/470	25.0	25.1	-0.1	-0.5
R4/470		W7/470	24.9	25.0	-0.1	-0.5
R5/470		W8/470	25.9	26.0	-0.1	-0.3
R5/470		W9/470	25.5	25.5	-0.1	-0.2
R5/470		W10/470	27.8	27.9	-0.1	-0.3
R5/470		W11/470	27.8	27.8	0.0	-0.1
R6/470		W12/470	32.8	32.8	-0.1	-0.2
R7/470		W13/470	35.0	35.1	-0.1	-0.3
R8/470		W14/470	35.5	35.6	-0.1	-0.2
R9/470		W15/470	37.3	37.2	0.1	0.3
R1/471		W1/471	34.1	34.3	-0.2	-0.6
R2/471		W2/471	35.0	35.2	-0.2	-0.4
R3/471		W3/471	33.4	33.5	-0.1	-0.2
R4/471		W4/471	28.5	28.8	-0.3	-0.9
R4/471		W5/471	26.8	26.9	-0.1	-0.5
R5/471		W6/471	15.9	15.9	0.0	0.0
R5/471		W7/471	18.7	18.5	0.2	1.3



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R6/471		W8/471	26.9	27.0	-0.1	-0.4
R6/471		W9/471	28.9	29.0	-0.1	-0.3
R7/471		W10/471	34.0	34.1	-0.1	-0.3
R8/471		W11/471	35.8	36.0	-0.2	-0.4
R9/471		W12/471	36.2	36.4	-0.2	-0.5
R10/471		W13/471	38.2	38.1	0.1	0.1
R1/472		W1/472	25.6	25.7	-0.1	-0.5
R2/472		W2/472	26.4	26.5	-0.1	-0.5
R3/472		W3/472	27.8	27.9	-0.1	-0.4
R4/472		W4/472	28.0	28.2	-0.3	-1.0
R4/472		W5/472	26.8	26.9	-0.1	-0.4
R5/472		W6/472	12.9	12.9	0.0	0.0
R5/472		W7/472	16.7	16.5	0.2	1.1
R6/472		W8/472	26.4	26.6	-0.2	-0.6
R6/472		W9/472	27.8	28.0	-0.2	-0.6
R7/472		W10/472	28.2	28.3	-0.2	-0.6
R8/472		W11/472	26.9	27.1	-0.2	-0.8
R9/472		W12/472	27.1	27.3	-0.2	-0.9
R10/472		W13/472	38.8	38.8	0.0	0.0
Russell House						
R1/480		W1/480	32.7	32.6	0.1	0.2
R2/480		W2/480	32.2	32.2	0.0	0.1
R3/480		W3/480	29.8	29.9	0.0	-0.1



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/480		W4/480	24.5	24.6	-0.1	-0.4
R4/480		W5/480	25.1	25.2	-0.1	-0.4
R4/480		W6/480	22.8	22.8	0.0	0.0
R4/480		W7/480	23.0	23.1	0.0	0.0
R5/480		W8/480	23.7	24.1	-0.3	-1.3
R5/480		W9/480	23.8	24.1	-0.3	-1.4
R5/480		W10/480	25.2	25.5	-0.3	-1.4
R5/480		W11/480	25.6	26.0	-0.4	-1.4
R6/480		W12/480	30.1	30.5	-0.4	-1.4
R7/480		W13/480	32.8	33.1	-0.3	-1.0
R8/480		W14/480	33.6	33.9	-0.3	-0.8
R1/481		W1/481	34.7	35.1	-0.4	-1.2
R2/481		W2/481	34.4	34.8	-0.4	-1.2
R3/481		W3/481	32.5	32.9	-0.4	-1.3
R4/481		W4/481	27.6	27.9	-0.4	-1.4
R4/481		W5/481	25.7	26.0	-0.3	-1.0
R5/481		W6/481	16.8	16.8	0.0	0.0
R5/481		W7/481	17.7	17.7	0.0	0.2
R6/481		W8/481	25.7	26.1	-0.4	-1.7
R6/481		W9/481	27.5	28.0	-0.5	-1.6
R7/481		W10/481	32.6	33.0	-0.5	-1.4
R8/481		W11/481	34.5	34.9	-0.4	-1.0
R9/481		W12/481	35.1	35.4	-0.3	-0.9
R1/482		W1/482	24.1	24.2	-0.2	-0.7
R2/482		W2/482	23.7	23.9	-0.2	-0.7



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R3/482		W3/482	24.8	25.0	-0.2	-0.7
R4/482		W4/482	26.2	26.4	-0.1	-0.5
R4/482		W5/482	25.1	25.1	0.0	0.0
R5/482		W6/482	14.3	14.3	0.0	0.0
R5/482		W7/482	13.5	13.5	0.0	-0.2
R6/482		W8/482	23.9	24.0	-0.1	-0.6
R6/482		W9/482	25.1	25.3	-0.2	-0.6
R7/482		W10/482	23.3	23.3	-0.1	-0.3
R8/482		W11/482	21.3	21.4	-0.1	-0.2
R9/482		W12/482	21.0	21.1	-0.1	-0.4
51 Colham Road						
R3/490		W3/490	30.3	30.2	0.1	0.3
R1/491		W1/491	32.4	32.3	0.1	0.4
R2/491		W2/491	32.9	32.8	0.1	0.3
R3/491		W3/491	7.7	7.7	-0.1	-1.2
94 Pield Heath Road						
R1/500		W1/500	23.7	23.9	-0.3	-1.1
R2/500		W2/500	30.2	30.5	-0.3	-0.9
R3/500		W3/500	31.9	32.3	-0.3	-1.0
R4/500		W4/500	30.1	30.3	-0.2	-0.8
R5/500		W5/500	25.8	26.0	-0.2	-0.8
R5/500		W6/500	37.3	37.2	0.0	0.1
R5/500		W7/500	36.8	36.7	0.0	0.1
R1/501		W1/501	25.7	26.0	-0.3	-1.1



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R2/501		W2/501	32.5	32.8	-0.3	-0.9
R3/501		W3/501	34.2	34.6	-0.3	-1.0
R4/501		W4/501	31.8	32.1	-0.3	-0.8
R5/501		W5/501	27.1	27.3	-0.2	-0.8
R5/501		W6/501	38.2	38.2	0.0	0.0
R5/501		W7/501	38.0	37.9	0.0	0.1
R1/502		W1/502	35.5	35.8	-0.3	-0.9
R2/502		W2/502	36.0	36.3	-0.3	-0.8
R3/502		W3/502	36.1	36.5	-0.3	-0.9
R4/502		W4/502	35.0	35.3	-0.3	-0.8
R5/502		W5/502	36.4	36.7	-0.2	-0.7
R5/502		W6/502	39.1	39.1	0.0	-0.1
R5/502		W7/502	39.1	39.1	0.0	0.0

Norlands, 1 Colham Green Road

R2/540	ASSUMED_LIVING	W1/540	31.9	32.1	-0.1	-0.4
R2/540	ASSUMED_LIVING	W4/540	36.2	36.4	-0.3	-0.7
R2/541	ASSUMED_BEDROOM	W1/541	30.8	30.7	0.1	0.3
R2/541	ASSUMED_BEDROOM	W3/541	33.4	33.3	0.2	0.5

Kaymar, Colham Green Road

R3/540	ASSUMED_LIVING	W5/540	36.1	36.4	-0.3	-0.8
R3/540	ASSUMED_LIVING	W6/540	22.4	22.6	-0.3	-1.1
R3/541	ASSUMED_BEDROOM	W4/541	33.4	33.3	0.2	0.5
R3/541	ASSUMED_BEDROOM	W5/541	31.5	31.5	0.1	0.3

The Nook, Colham Green Road

R3/560		W4/560	32.0	32.0	0.0	0.0
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DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/560		W5/560	29.8	29.8	0.0	0.0
R2/561		W2/561	35.3	35.3	0.0	0.0
R3/561		W3/561	34.2	34.2	0.0	0.0
Isher, Colham Green Road						
R2/570		W8/570	34.8	34.9	-0.1	-0.3
R1/571		W1/571	34.6	34.5	0.0	0.1
R2/571		W2/571	36.4	36.3	0.2	0.5
Ekom, Colham Green Road						
R5/570		W19/570	32.7	32.5	0.2	0.5
R5/570		W20/570	32.6	32.6	0.0	0.0
R6/570		W21/570	35.9	35.8	0.0	0.1
R6/570		W22/570	34.3	34.3	0.0	0.0
R6/570		W23/570	34.6	34.6	0.0	0.0
R6/570		W24/570	36.0	36.0	0.0	0.1
R5/571		W5/571	35.6	35.3	0.3	0.8
R6/571		W6/571	36.7	36.6	0.1	0.1
R7/571		W7/571	36.6	36.6	0.0	0.1
Colham Green House, Colham Green Road						
R2/580		W4/580	19.9	19.7	0.2	0.9
R2/580		W5/580	31.9	31.7	0.2	0.6
R3/581		W13/581	36.0	35.8	0.2	0.6
R5/581		W15/581	35.8	35.6	0.2	0.6
R2/582		W2/582	38.9	38.9	0.0	0.0



DAYLIGHT ANALYSIS

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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
12 Lavender Road						
R1/1140		W1/1140	30.6	30.8	-0.2	-0.6
R1/1140		W2/1140	31.1	31.4	-0.3	-0.9
R1/1141		W1/1141	34.4	33.8	0.5	1.5
R2/1141		W2/1141	34.4	33.8	0.5	1.5
R3/1141		W3/1141	34.4	33.9	0.5	1.6
11 Lavender Road						
R2/1140		W3/1140	28.7	28.9	-0.3	-0.9
R3/1140		W4/1140	27.9	27.9	0.0	0.1
R4/1141		W4/1141	34.4	33.9	0.5	1.5
R5/1141		W5/1141	34.4	33.8	0.6	1.6
R5/1141		W6/1141	29.2	28.5	0.7	2.2
R6/1141		W7/1141	28.8	28.4	0.4	1.5
10 Lavender Road						
R1/1130		W1/1130	32.3	32.0	0.3	0.8
R1/1131		W1/1131	23.3	23.3	0.0	0.1
R1/1131		W2/1131	36.2	35.5	0.6	1.7
R2/1131		W3/1131	36.1	35.5	0.6	1.7
R3/1131		W4/1131	36.2	35.5	0.6	1.8
9 Lavender Road						
R2/1130		W2/1130	30.3	30.8	-0.6	-1.9
R3/1130	CONSERVATORY	W3/1130	20.5	20.5	0.0	0.0
R3/1130	CONSERVATORY	W4/1130	36.2	35.4	0.8	2.2
R3/1130	CONSERVATORY	W5/1130	24.0	24.0	0.0	0.0



DAYLIGHT ANALYSIS

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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/1131		W5/1131	36.2	35.5	0.7	1.8
R5/1131		W6/1131	36.2	35.5	0.6	1.8
R6/1131		W7/1131	36.2	35.6	0.7	1.8
R6/1131		W8/1131	36.8	36.0	0.8	2.1
8 Lavender Road						
R1/2000		W1/2000	32.7	32.8	-0.2	-0.5
R1/2000		W2/2000	32.4	31.9	0.5	1.5
R2/2000		W3/2000	32.8	32.2	0.6	1.9
18 Campion Close						
R3/2010		W12/2010	33.0	33.1	-0.2	-0.5
R3/2010		W13/2010	33.0	33.1	-0.1	-0.4
R3/2010		W14/2010	74.5	74.5	0.0	0.0
R4/2011		W5/2011	29.5	29.5	0.0	-0.1
20 Campion Close						
R2/2010		W2/2010	66.1	66.0	0.1	0.2
R2/2010		W3/2010	9.6	9.7	0.0	-0.1
R2/2010		W4/2010	26.9	26.8	0.2	0.6
R2/2010		W5/2010	87.8	88.0	-0.2	-0.2
R2/2010		W6/2010	90.1	90.1	0.0	0.0
R2/2010		W7/2010	36.0	36.1	-0.2	-0.4
R2/2010		W8/2010	65.2	65.2	0.0	0.0
R2/2010		W9/2010	87.8	87.8	0.0	0.0
R2/2010		W10/2010	31.1	31.1	0.0	0.1
R2/2010		W11/2010	2.2	2.2	0.0	0.0
R1/2011		W1/2011	26.8	26.9	-0.1	-0.5
R2/2011		W2/2011	26.8	27.0	-0.2	-0.9
R2/2011		W3/2011	30.6	30.7	-0.1	-0.3
R3/2011		W4/2011	29.8	29.9	-0.1	-0.2



DAYLIGHT ANALYSIS

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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
22 Campion Close						
R1/600		W1/600	34.9	35.1	-0.2	-0.5
R2/600		W2/600	28.8	28.8	0.0	-0.1
R2/600		W3/600	19.0	18.7	0.4	2.0
R1/601		W2/601	31.6	31.2	0.4	1.4
R3/601		W1/601	22.4	21.9	0.5	2.2
R3/601		W3/601	24.1	23.6	0.5	2.1
24 Campion Close						
R3/600		W4/600	33.6	33.2	0.5	1.3
R2/601		W4/601	26.2	25.7	0.6	2.2
R2/601		W5/601	25.3	24.8	0.6	2.2
R4/601		W6/601	25.0	24.4	0.5	2.2
R1/610		W1/610	23.4	21.4	2.0	8.6
26 Campion Close						
R1/620		W1/620	34.0	34.3	-0.3	-0.8
R2/620		W2/620	34.5	32.3	2.2	6.3
R3/620		W3/620	36.4	33.6	2.8	7.7
R2/621		W2/621	31.2	28.8	2.4	7.8
R2/621		W3/621	31.2	28.8	2.4	7.8
R3/621		W4/621	31.3	28.9	2.4	7.7
17 Campion Close						
R4/620	DINING	W4/620	35.5	33.0	2.5	7.0
R4/620	DINING	W5/620	35.0	32.6	2.4	6.9
R4/620	DINING	W6/620	35.0	32.6	2.5	7.1



DAYLIGHT ANALYSIS

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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/620	DINING	W7/620	35.5	33.0	2.5	7.1
R5/620	KITCHEN	W8/620	35.3	32.8	2.5	7.1
R6/620	BEDROOM	W9/620	35.2	32.8	2.4	6.9
R4/621	BEDROOM	W5/621	31.4	28.9	2.4	7.8
R5/621	BEDROOM	W6/621	31.4	28.9	2.5	7.8
R5/621	BEDROOM	W7/621	31.4	29.0	2.4	7.7

136 Apple Tree Ave

R1/1120	W1/1120	35.0	35.1	-0.2	-0.5
R1/1120	W2/1120	34.9	35.1	-0.2	-0.4
R1/1120	W3/1120	35.2	35.4	-0.2	-0.5
R2/1120	W4/1120	34.3	34.5	-0.2	-0.5
R2/1120	W5/1120	35.1	35.3	-0.2	-0.5
R2/1120	W6/1120	34.6	30.5	4.1	11.7
R4/1120	W9/1120	15.2	13.8	1.5	9.6
R4/1120	W10/1120	25.3	23.3	2.1	8.2
R4/1120	W11/1120	23.0	22.8	0.2	0.8
R1/1121	W1/1121	32.2	32.3	-0.1	-0.2
R2/1121	W2/1121	31.7	31.8	-0.1	-0.3
R3/1121	W3/1121	27.9	23.7	4.2	14.9
R4/1121	W4/1121	30.2	27.8	2.4	7.9
R5/1121	W5/1121	30.2	28.0	2.2	7.4

121 Apple Tree Avenue

R1/1150	W1/1150	30.9	30.9	0.0	0.0
R1/1150	W2/1150	36.8	36.7	0.1	0.3
R1/1150	W3/1150	32.9	31.1	1.9	5.6
R3/1150	W5/1150	34.7	33.1	1.6	4.6



DAYLIGHT ANALYSIS

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DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R4/1150		W6/1150	34.9	33.1	1.8	5.1
R1/1151		W1/1151	36.0	35.9	0.1	0.2
R2/1151		W2/1151	36.3	36.2	0.1	0.3
R3/1151		W3/1151	36.6	28.5	8.1	22.1
R4/1151		W4/1151	34.7	32.7	1.9	5.6
R5/1151		W5/1151	34.7	32.9	1.8	5.2
R6/1151		W6/1151	35.2	33.5	1.7	4.8
15 Bryony Close						
R2/680	ESTIMATED_ROOM&WINDOWS	W4/680	33.4	33.3	0.0	0.1
R2/680	ESTIMATED_ROOM&WINDOWS	W5/680	31.8	31.6	0.3	0.8
R4/681	ESTIMATED_ROOM&WINDOWS	W5/681	32.5	31.6	0.9	2.7
14 Bryony Close						
R1/680	ESTIMATED_ROOM&WINDOWS	W1/680	89.3	87.7	1.6	1.8
R1/680	ESTIMATED_ROOM&WINDOWS	W2/680	33.8	33.1	0.7	2.1
R1/680	ESTIMATED_ROOM&WINDOWS	W3/680	33.5	32.6	0.9	2.6
R1/681	ESTIMATED_ROOM&WINDOWS	W1/681	31.7	28.4	3.3	10.3
R2/681	ESTIMATED_ROOM&WINDOWS	W2/681	32.1	28.1	4.1	12.6
R2/681	ESTIMATED_ROOM&WINDOWS	W3/681	32.5	31.4	1.1	3.4
R3/681	ESTIMATED_ROOM&WINDOWS	W4/681	32.5	31.5	1.0	3.0
12 Bryony Close						
R3/670	ESTIMATED_ROOMS&WINDOWS	W4/670	33.2	27.6	5.6	16.8
R3/670	ESTIMATED_ROOMS&WINDOWS	W5/670	34.0	27.7	6.4	18.7
R4/670	ESTIMATED_ROOMS&WINDOWS	W6/670	36.7	29.9	6.8	18.6



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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R4/671	ASSUMED_BEDROOM	W5/671	35.2	28.3	6.9	19.6
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R5/671	ASSUMED_BEDROOM	W6/671	35.6	29.0	6.6	18.5
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11 Bryony Close

R1/670	ESTIMATED_ROOMS&WINDOWS	W1/670	37.1	28.1	9.0	24.3
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R1/670	ESTIMATED_ROOMS&WINDOWS	W2/670	37.0	28.4	8.6	23.3
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R2/670	ESTIMATED_ROOM	W3/670	37.1	28.7	8.4	22.6
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R1/671		W1/671	32.1	28.3	3.8	11.7
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R2/671	ASSUMED_BEDROOM	W2/671	32.9	28.9	3.9	12.0
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R2/671	ASSUMED_BEDROOM	W3/671	34.2	26.6	7.6	22.3
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R3/671	ASSUMED_BEDROOM	W4/671	34.7	27.3	7.4	21.4
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10 Bryony Close

R2/660	ESTIMATED_ROOM&WINDOWS	W3/660	33.7	26.2	7.5	22.2
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R2/660	ESTIMATED_ROOM&WINDOWS	W4/660	36.5	28.4	8.0	22.0
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R3/661		W3/661	31.0	24.0	7.0	22.5
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R4/661		W4/661	31.0	23.5	7.5	24.0
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9 Bryony Close

R1/660	ESTIMATED_ROOM&WINDOWS	W1/660	33.7	27.6	6.1	18.0
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R1/660	ESTIMATED_ROOM&WINDOWS	W2/660	33.8	28.6	5.2	15.4
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R1/661		W1/661	31.1	25.0	6.1	19.5
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R2/661		W2/661	31.0	24.6	6.4	20.8
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8 Bryony Close

R2/650	ESTIMATED_WINDOWS&ROOMS	W4/650	29.5	28.6	0.9	3.2
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R2/650	ESTIMATED_WINDOWS&ROOMS	W5/650	31.4	30.8	0.6	1.9
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R3/651	ESTIMATED_WINDOWS&ROOMS	W3/651	35.1	34.1	1.1	3.0
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DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
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R4/651	ASSUMED	W4/651	34.3	33.2	1.1	3.3
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7 Bryony Close

R1/650	ESTIMATED_WINDOWS&ROOMS	W1/650	34.9	34.2	0.8	2.2
R1/650	ESTIMATED_WINDOWS&ROOMS	W2/650	35.7	34.9	0.8	2.2
R1/650	ESTIMATED_WINDOWS&ROOMS	W3/650	36.6	35.7	0.9	2.3
R1/651	ESTIMATED_WINDOWS&ROOMS	W1/651	35.3	34.4	0.9	2.6
R2/651	ESTIMATED_WINDOWS&ROOMS	W2/651	35.4	34.4	1.0	2.7



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

39 Royal Lane

R1/310	ASSUMED_LIVING	W1/310	1.64		1.64			
R1/310	ASSUMED_LIVING	W2/310	0.49		0.47			
R1/310	ASSUMED_LIVING	W3/310	1.42		1.30			
R1/310	ASSUMED_LIVING	W4/310	0.44	3.99	0.40	3.82	0.18	4.41
R2/311	ASSUMED_BEDROOM	W2/311	1.82	1.82	1.65	1.65	0.17	9.44

41 Royal Lane

R1/300		W1/300	0.70		0.67			
R1/300		W2/300	2.01		1.86			
R1/300		W3/300	0.33	3.04	0.29	2.82	0.22	7.08
R2/300		W4/300	0.06		0.06			
R2/300		W5/300	0.07		0.07			
R2/300		W6/300	1.47	1.60	1.33	1.47	0.14	8.60
R1/301		W1/301	1.56	1.56	1.44	1.44	0.12	7.89

43 Royal Lane

R2/280		W4/280	0.48		0.48			
R2/280		W5/280	2.28		2.11			
R2/280		W6/280	0.72	3.48	0.65	3.24	0.24	6.87
R1/281		W1/281	2.86	2.86	2.66	2.66	0.20	7.00
R2/281		W2/281	1.73	1.73	1.59	1.59	0.14	7.82
R3/281		W3/281	0.60		0.60			
R3/281		W4/281	1.88		1.73			
R3/281		W5/281	0.56	3.04	0.48	2.81	0.23	7.69
R1/290		W1/290	1.16	1.16	1.16	1.16	0.00	0.00
R1/291		W1/291	1.96	1.96	1.96	1.96	0.00	0.00

45 Royal Lane

R1/270	LD	W1/270	0.11		0.11			
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DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R1/270	LD	W2/270	0.61	0.71	0.57	0.68	0.04	5.06
R3/270	STUDY	W10/270	1.92	1.92	1.74	1.74	0.18	9.12
R1/271	BEDROOM	W1/271	1.14	1.14	1.14	1.14	0.00	0.00
R2/271	BEDROOM	W2/271	1.01	1.01	0.91	0.91	0.10	9.50
47 Royal Lane								
R2/260	ASSUMED_LIVING	W3/260	0.40		0.40			
R2/260	ASSUMED_LIVING	W4/260	2.37		2.07			
R2/260	ASSUMED_LIVING	W5/260	0.42	3.19	0.35	2.82	0.37	11.66
R1/261	ASSUMED_BEDROOM	W1/261	1.10	1.10	0.97	0.97	0.14	12.43
49 Royal Lane								
R2/250	ASSUMED_LIVING	W3/250	0.34		0.34			
R2/250	ASSUMED_LIVING	W4/250	2.65	2.99	2.24	2.58	0.41	13.70
R2/251	ASSUMED_BEDROOM	W2/251	1.06	1.06	0.92	0.92	0.14	13.57
R3/251	ASSUMED_BEDROOM	W3/251	2.19	2.19	1.85	1.85	0.34	15.71
51 Royal Lane								
R3/250	ASSUMED_LIVING	W5/250	2.76		2.30			
R3/250	ASSUMED_LIVING	W6/250	0.31	3.07	0.21	2.51	0.56	18.31
R4/251	ASSUMED_BEDROOM	W4/251	2.22	2.22	1.84	1.84	0.38	16.90
R5/251	ASSUMED_BEDROOM	W5/251	1.00	1.00	0.83	0.83	0.17	16.98
53 Royal Lane								
R6/250	ASSUMED_LIVING	W9/250	0.34		0.34			
R6/250	ASSUMED_LIVING	W10/250	2.82	3.16	2.29	2.63	0.53	16.88
R6/251	ASSUMED_BEDROOM	W6/251	1.05	1.05	0.87	0.87	0.18	17.51
R7/251	ASSUMED_BEDROOM	W7/251	2.15	2.15	1.74	1.74	0.41	19.09



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

55 Royal Lane

R7/250	ASSUMED_LIVING	W11/250	2.80		2.24			
R7/250	ASSUMED_LIVING	W12/250	0.31	3.11	0.21	2.45	0.66	21.27
R8/251	ASSUMED_BEDROOM	W8/251	2.17	2.17	1.74	1.74	0.44	20.11
R9/251	ASSUMED_BEDROOM	W9/251	1.08	1.08	0.86	0.86	0.22	20.67

57 Royal Lane

R2/240	ASSUMED_LIVING	W2/240	0.29		0.29			
R2/240	ASSUMED_LIVING	W8/240	2.49	2.77	1.91	2.20	0.58	20.80
R2/241	ASSUMED_BEDROOM	W2/241	1.26	1.26	0.97	0.97	0.29	22.94
R3/241	ASSUMED_BEDROOM	W3/241	2.14	2.14	1.62	1.62	0.51	24.02

59 Royal Lane

R4/240	LIVINGROOM	W9/240	1.57	1.57	1.19	1.19	0.39	24.52
R4/241	BEDROOM	W4/241	2.16	2.16	1.61	1.61	0.55	25.39
R5/241	BEDROOM	W5/241	1.17	1.17	0.85	0.85	0.31	26.70
R1/242	BEDROOM	W1/242	0.75		0.75			
R1/242	BEDROOM	W2/242	0.71	1.46	0.66	1.41	0.06	3.96

61 Royal Lane

R7/240	ASSUMED_LIVING	W17/240	2.46	2.46	1.81	1.81	0.65	26.48
R6/241	ASSUMED_BEDROOM	W6/241	1.20	1.20	0.88	0.88	0.33	27.14
R7/241	ASSUMED_BEDROOM	W7/241	2.15	2.15	1.56	1.56	0.59	27.43

63 Royal Lane

R8/240	ASSUMED_LIVING	W18/240	2.40		1.74			
R8/240	ASSUMED_LIVING	W19/240	0.30		0.22			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R8/240	ASSUMED_LIVING	W20/240	0.09		0.06			
R8/240	ASSUMED_LIVING	W21/240	0.26	3.05	0.23	2.25	0.80	26.11
R8/241	ASSUMED_BEDROOM	W8/241	2.11	2.11	1.51	1.51	0.61	28.68
R9/241	ASSUMED_BEDROOM	W9/241	1.20	1.20	0.84	0.84	0.36	30.25
65 Royal Lane								
R3/220		W3/220	0.48		0.47			
R3/220		W4/220	2.78		1.92			
R3/220		W5/220	0.50	3.75	0.41	2.80	0.96	25.51
R3/221	ASSUMED_BEDROOM	W3/221	1.56	1.56	1.10	1.10	0.46	29.45
67 Royal Lane								
R1/210	KITCHEN	W1/210	0.60	0.60	0.44	0.44	0.16	25.88
R4/210	DINING	W4/210	0.64		0.61			
R4/210	DINING	W5/210	3.28		2.25			
R4/210	DINING	W6/210	0.65	4.57	0.54	3.40	1.17	25.51
R1/211	BEDROOM	W1/211	0.94		0.94			
R1/211	BEDROOM	W2/211	0.67	1.61	0.66	1.60	0.01	0.37
R3/211	BEDROOM	W4/211	1.65	1.65	1.13	1.13	0.51	31.23
69 Royal Lane								
R1/190	ASSUMED_LIVING	W1/190	0.54		0.52			
R1/190	ASSUMED_LIVING	W2/190	2.82		1.88			
R1/190	ASSUMED_LIVING	W3/190	0.52	3.88	0.42	2.81	1.06	27.42
R1/191	ASSUMED_BEDROOM	W1/191	1.28	1.28	0.86	0.86	0.43	33.18
71 Royal Lane								
R1/10	KD	W1/10	0.62		0.62			
R1/10	KD	W2/10	0.34		0.23			
R1/10	KD	W3/10	0.02	0.98	0.02	0.87	0.11	11.43



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/10	BEDROOM	W6/10	0.51		0.46			
R4/10	BEDROOM	W7/10	2.60		1.58			
R4/10	BEDROOM	W8/10	0.51	3.62	0.42	2.47	1.15	31.78
R1/11	BEDROOM	W1/11	1.27	1.27	0.77	0.77	0.50	39.16
73 Royal Lane								
R3/30	ASSUMED_BEDROOM	W3/30	0.48		0.43			
R3/30	ASSUMED_BEDROOM	W4/30	2.57		1.54			
R3/30	ASSUMED_BEDROOM	W5/30	0.49	3.54	0.41	2.38	1.16	32.70
R1/31	ASSUMED_BEDROOM	W1/31	1.44	1.44	0.87	0.87	0.57	39.69
75 Royal Lane								
R2/40	ASSUMED_BEDROOM	W2/40	0.46		0.41			
R2/40	ASSUMED_BEDROOM	W3/40	2.60		1.54			
R2/40	ASSUMED_BEDROOM	W4/40	0.44	3.50	0.39	2.34	1.17	33.31
R1/41	ASSUMED_BEDROOM	W1/41	1.12	1.12	0.67	0.67	0.45	40.43
77 Royal Lane								
R3/50	ASSUMED_LIVING	W5/50	0.33		0.25			
R3/50	ASSUMED_LIVING	W6/50	2.71	3.04	1.54	1.80	1.25	40.96
R2/51	ASSUMED_BEDROOM	W2/51	2.09	2.09	1.26	1.26	0.82	39.48
79 Royal Lane								
R4/50	ASSUMED_LIVING	W7/50	2.77		1.61			
R4/50	ASSUMED_LIVING	W8/50	0.34	3.11	0.26	1.87	1.24	39.85
R3/51	ASSUMED_BEDROOM	W3/51	2.04	2.04	1.25	1.25	0.80	39.00
81 Royal Lane								
R2/60	ASSUMED_LIVING	W5/60	3.61	3.61	2.17	2.17	1.45	40.06
R2/61	ASSUMED_BEDROOM	W2/61	2.04	2.04	1.28	1.28	0.76	37.38



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

83 Royal Lane

R3/60	ASSUMED_LIVING	W6/60	3.92	3.92	2.41	2.41	1.51	38.62
R3/61	ASSUMED_BEDROOM	W3/61	2.04	2.04	1.30	1.30	0.74	36.13

85 Royal Lane

R4/70	ASSUMED_BEDROOM	W5/70	0.54		0.45			
R4/70	ASSUMED_BEDROOM	W6/70	2.80		1.92			
R4/70	ASSUMED_BEDROOM	W7/70	0.53	3.87	0.49	2.85	1.02	26.25
R1/71	ASSUMED_BEDROOM	W1/71	1.14	1.14	0.78	0.78	0.36	31.84

87 Royal Lane

R3/90	ASSUMED_LIVING	W6/90	0.47		0.38			
R3/90	ASSUMED_LIVING	W7/90	2.55		1.80			
R3/90	ASSUMED_LIVING	W8/90	0.46	3.48	0.41	2.60	0.88	25.38
R2/91	ASSUMED_BEDROOM	W2/91	2.30	2.30	1.67	1.67	0.63	27.34
R3/91	ASSUMED_BEDROOM	W3/91	1.89	1.89	1.40	1.40	0.50	26.18

89 Royal Lane

R3/100	LOUNGE	W6/100	0.65		0.47			
R3/100	LOUNGE	W7/100	3.46	4.11	2.60	3.08	1.03	25.12
R2/101	ASSUMED_BEDROOM	W2/101	1.27	1.27	0.84	0.84	0.42	33.44
R3/101	ASSUMED_BEDROOM	W3/101	0.50		0.31			
R3/101	ASSUMED_BEDROOM	W4/101	2.68	3.19	2.00	2.31	0.87	27.37

91 Royal Lane

R4/100	ASSUMED_LOUNGE	W8/100	3.40		2.57			
R4/100	ASSUMED_LOUNGE	W9/100	0.71	4.11	0.63	3.20	0.92	22.25
R4/101	ASSUMED_BEDROOM	W5/101	2.67		2.01			
R4/101	ASSUMED_BEDROOM	W6/101	0.56	3.23	0.45	2.46	0.77	23.72



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R5/101	ASSUMED_BEDROOM	W7/101	1.27	1.27	0.88	0.88	0.39	30.84
93 Royal Lane								
R3/110		W5/110	0.77		0.61			
R3/110		W6/110	3.58	4.35	2.74	3.35	1.00	22.88
R2/111	ASSUMED_BEDROOM	W2/111	1.50	1.50	1.13	1.13	0.37	24.78
R3/111	ASSUMED_BEDROOM	W3/111	0.57		0.41			
R3/111	ASSUMED_BEDROOM	W4/111	2.94	3.51	2.29	2.70	0.81	23.09
95 Royal Lane								
R4/110		W7/110	3.46		2.65			
R4/110		W8/110	0.63	4.10	0.53	3.18	0.92	22.52
R4/111	ASSUMED_BEDROOM	W5/111	2.91		2.26			
R4/111	ASSUMED_BEDROOM	W6/111	0.59	3.49	0.46	2.73	0.77	21.96
R5/111	ASSUMED_BEDROOM	W7/111	1.53	1.53	1.12	1.12	0.41	26.79
97 Royal Lane								
R1/120	ASSUMED_LIVING	W4/120	3.23	3.23	2.39	2.39	0.84	25.99
R2/121	ASSUMED_BEDROOM	W2/121	2.16	2.16	1.66	1.66	0.50	23.15
99 Royal Lane								
R3/120	LIVINGROOM	W5/120	3.55	3.55	2.58	2.58	0.97	27.38
R3/121	BEDROOM	W3/121	2.03	2.03	1.55	1.55	0.48	23.69
101 Royal Lane								
R2/130		W6/130	3.75	3.75	2.69	2.69	1.06	28.34
R2/131	ASSUMED_BEDROOM	W2/131	1.94	1.94	1.47	1.47	0.47	24.15
R1/132		W1/132	0.79		0.75			
R1/132		W2/132	0.82		0.75			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R1/132		W3/132	0.64	2.25	0.64	2.14	0.11	4.81
103 Royal Lane								
R3/130		W7/130	3.69	3.69	2.64	2.64	1.05	28.46
R3/131	ASSUMED_BEDROOM	W3/131	1.96	1.96	1.48	1.48	0.48	24.26
105 Royal Lane								
R1/140	ASSUMED_LIVING	W1/140	0.43		0.32			
R1/140	ASSUMED_LIVING	W2/140	3.51	3.94	2.59	2.90	1.03	26.25
R2/141		W2/141	2.01	2.01	1.54	1.54	0.47	23.51
107 Royal Lane								
R2/140	ASSUMED_LIVING	W3/140	3.90	3.90	2.88	2.88	1.01	25.98
R3/141		W3/141	2.03	2.03	1.56	1.56	0.47	23.31
109 Royal Lane								
R2/160		W6/160	3.88	3.88	2.91	2.91	0.97	25.03
R2/161		W2/161	1.92	1.92	1.49	1.49	0.43	22.59
111 Royal Lane								
R3/160		W7/160	3.66	3.66	2.77	2.77	0.89	24.37
R3/161		W3/161	2.04	2.04	1.59	1.59	0.45	22.16
113 Royal Lane								
R1/170		W1/170	2.92		2.51			
R1/170		W2/170	0.44		0.37			
R1/170		W3/170	0.08	3.44	0.05	2.92	0.52	15.11
R2/170		W4/170	1.50	1.50	1.32	1.32	0.18	11.75
R1/171	ASSUMED_BEDROOM	W1/171	1.37	1.37	1.23	1.23	0.14	10.19



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

115 Royal Lane

R1/180	BEDROOM	W1/180	2.93	2.93	2.72	2.72	0.21	7.27
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102 Field Heath Road

R1/420		W1/420	1.76	1.76	1.70	1.70	0.07	3.69
R2/420		W2/420	0.27		0.26			
R2/420		W3/420	1.19		1.14			
R2/420		W4/420	0.20	1.67	0.20	1.60	0.07	4.31
R3/420		W5/420	0.33		0.33			
R3/420		W6/420	2.44	2.77	2.34	2.68	0.09	3.39
R1/421		W1/421	1.31	1.31	1.26	1.26	0.05	3.75
R2/421		W2/421	0.35		0.35			
R2/421		W3/421	1.93	2.28	1.87	2.21	0.07	2.89

100 Field Heath Road

R1/430		W1/430	2.92		2.81			
R1/430		W2/430	0.27	3.19	0.26	3.07	0.12	3.73
R2/430		W3/430	1.10		1.10			
R2/430		W4/430	1.73		1.65			
R2/430		W6/430	0.77		0.73			
R2/430		W7/430	1.33		1.26			
R2/430		W9/430	1.63	6.55	1.56	6.29	0.25	3.88
R4/430		W10/430	1.16	1.16	1.13	1.13	0.03	2.84
R5/430		W11/430	1.15		1.12			
R5/430		W12/430	0.87		0.87			
R5/430		W13/430	0.86	2.87	0.86	2.84	0.03	1.01
R1/431		W1/431	2.42		2.33			
R1/431		W2/431	0.39	2.81	0.37	2.70	0.12	4.09
R2/431		W3/431	1.22	1.22	1.17	1.17	0.05	4.19



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

R3/431		W4/431	1.72		1.64			
R3/431		W5/431	1.03	2.75	1.01	2.65	0.10	3.78

40-57 Arklay Close

R1/410		W1/410	1.40	1.40	1.40	1.40	0.00	0.00
R2/410		W2/410	0.97	0.97	0.97	0.97	0.00	0.00
R3/410		W3/410	1.74	1.74	1.74	1.74	0.00	0.00
R4/410		W4/410	1.34	1.34	1.34	1.34	0.00	0.00
R5/410		W5/410	1.09	1.09	1.09	1.09	0.00	0.00
R6/410		W7/410	0.91		0.87			
R6/410		W8/410	0.92	1.83	0.87	1.74	0.09	4.92
R7/410		W6/410	1.14	1.14	1.09	1.09	0.05	3.96
R8/410		W9/410	1.32	1.32	1.28	1.28	0.04	3.03
R9/410		W10/410	0.59		0.58			
R9/410		W11/410	0.57	1.16	0.56	1.15	0.01	1.21
R10/410		W12/410	0.61		0.61			
R10/410		W13/410	0.57	1.17	0.57	1.17	0.00	0.00
R11/410		W14/410	1.30	1.30	1.30	1.30	0.00	0.00
R12/410		W15/410	1.28	1.28	1.28	1.28	0.00	0.00
R13/410		W16/410	1.16		1.16			
R13/410		W17/410	2.03	3.19	1.81	2.97	0.22	6.93
R14/410		W18/410	1.01	1.01	0.89	0.89	0.12	11.93
R15/410		W19/410	1.53	1.53	1.34	1.34	0.19	12.43
R16/410		W20/410	1.88	1.88	1.63	1.63	0.25	13.25



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R17/410		W21/410	1.79	1.79	1.53	1.53	0.26	14.45
R18/410		W22/410	0.61	0.61	0.60	0.60	0.01	1.48
R1/411		W1/411	1.52	1.52	1.52	1.52	0.00	0.00
R2/411		W2/411	1.02	1.02	1.02	1.02	0.00	0.00
R3/411		W3/411	1.87	1.87	1.87	1.87	0.00	0.00
R4/411		W4/411	1.44	1.44	1.44	1.44	0.00	0.00
R5/411		W5/411	1.14	1.14	1.14	1.14	0.00	0.00
R6/411		W7/411	0.99		0.95			
R6/411		W8/411	0.99	1.98	0.95	1.90	0.08	4.04
R7/411		W6/411	1.20	1.20	1.16	1.16	0.04	3.16
R8/411		W9/411	1.39	1.39	1.36	1.36	0.03	2.44
R9/411		W10/411	0.61		0.60			
R9/411		W11/411	0.59	1.20	0.58	1.18	0.01	1.00
R10/411		W12/411	0.63		0.63			
R10/411		W13/411	0.59	1.22	0.59	1.22	0.00	0.00
R11/411		W14/411	1.38	1.38	1.38	1.38	0.00	0.00
R12/411		W15/411	1.36	1.36	1.36	1.36	0.00	0.00
R13/411		W16/411	1.28		1.28			
R13/411		W17/411	2.06	3.34	1.88	3.16	0.18	5.51
R14/411		W18/411	1.02	1.02	0.92	0.92	0.10	9.72
R15/411		W19/411	1.55	1.55	1.39	1.39	0.16	10.18
R16/411		W20/411	1.91	1.91	1.70	1.70	0.21	10.95
R17/411		W21/411	1.82	1.82	1.60	1.60	0.22	11.95



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R18/411		W22/411	0.71	0.71	0.70	0.70	0.01	1.26
R1/412		W1/412	1.33	1.33	1.33	1.33	0.00	0.00
R2/412		W2/412	0.93	0.93	0.93	0.93	0.00	0.00
R3/412		W3/412	1.62	1.62	1.62	1.62	0.00	0.00
R4/412		W4/412	1.24	1.24	1.24	1.24	0.00	0.00
R5/412		W5/412	1.04	1.04	1.04	1.04	0.00	0.00
R6/412		W7/412	0.80		0.77			
R6/412		W8/412	0.79	1.58	0.76	1.54	0.05	3.03
R7/412		W6/412	1.15	1.15	1.12	1.12	0.03	2.60
R8/412		W9/412	1.27	1.27	1.24	1.24	0.03	2.29
R9/412		W10/412	0.52		0.51			
R9/412		W11/412	0.50	1.02	0.50	1.01	0.01	0.69
R10/412		W12/412	0.54		0.54			
R10/412		W13/412	0.51	1.04	0.51	1.04	0.00	0.00
R11/412		W14/412	1.18	1.18	1.18	1.18	0.00	0.00
R12/412		W15/412	1.10	1.10	1.10	1.10	0.00	0.00
R13/412		W16/412	0.75		0.75			
R13/412		W17/412	1.35	2.10	1.26	2.01	0.09	4.20
R14/412		W18/412	0.56	0.56	0.52	0.52	0.04	6.46
R15/412		W19/412	0.90	0.90	0.83	0.83	0.07	7.37
R16/412		W20/412	1.26	1.26	1.16	1.16	0.10	8.10
R17/412		W21/412	1.21	1.21	1.10	1.10	0.11	9.01

1-21 Morton Close



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R1/400		W1/400	0.96	0.96	0.96	0.96	0.00	0.00
R2/400		W2/400	0.72	0.72	0.72	0.72	0.00	0.00
R3/400		W3/400	0.56		0.56			
R3/400		W4/400	0.87	1.42	0.74	1.29	0.13	9.00
R4/400		W5/400	0.81		0.70			
R4/400		W6/400	0.86	1.67	0.74	1.44	0.23	13.84
R5/400		W7/400	1.04	1.04	0.90	0.90	0.14	13.61
R6/400		W8/400	0.81		0.71			
R6/400		W9/400	0.86	1.67	0.75	1.45	0.22	12.96
R7/400		W10/400	0.90		0.79			
R7/400		W11/400	0.96	1.86	0.85	1.64	0.22	11.81
R8/400		W12/400	1.36	1.36	1.22	1.22	0.14	10.10
R9/400		W13/400	0.96		0.87			
R9/400		W14/400	0.94	1.90	0.86	1.73	0.17	9.14
R10/400		W18/400	2.27	2.27	2.15	2.15	0.12	5.15
R11/400		W17/400	1.06	1.06	1.03	1.03	0.03	2.65
R12/400		W16/400	1.08	1.08	1.05	1.05	0.04	3.24
R13/400		W15/400	2.29	2.29	2.15	2.15	0.14	6.06
R14/400		W19/400	0.84		0.83			
R14/400		W20/400	0.84	1.68	0.83	1.67	0.02	0.95
R15/400		W21/400	1.13	1.13	1.13	1.13	0.00	-0.18
R16/400		W22/400	0.83		0.83			
R16/400		W23/400	0.73	1.56	0.73	1.56	0.00	-0.06
R17/400		W24/400	0.65		0.65			
R17/400		W25/400	0.67	1.32	0.67	1.32	0.00	0.15



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R18/400		W26/400	0.71		0.71			
R18/400		W27/400	0.66	1.37	0.66	1.37	0.00	0.07
R19/400		W28/400	1.17	1.17	1.17	1.17	0.00	-0.09
R1/401		W1/401	0.94	0.94	0.94	0.94	0.00	0.00
R2/401		W3/401	0.57		0.57			
R2/401		W4/401	0.88	1.45	0.77	1.35	0.10	7.16
R3/401		W2/401	0.75	0.75	0.75	0.75	0.00	0.00
R4/401		W5/401	0.83		0.74			
R4/401		W6/401	0.88	1.71	0.78	1.52	0.19	11.09
R5/401		W7/401	1.06	1.06	0.95	0.95	0.12	10.82
R6/401		W8/401	0.83		0.74			
R6/401		W9/401	0.87	1.70	0.78	1.52	0.18	10.54
R7/401		W10/401	0.88		0.80			
R7/401		W11/401	0.95	1.83	0.86	1.66	0.17	9.51
R8/401		W12/401	1.37	1.37	1.26	1.26	0.11	8.08
R9/401		W13/401	0.99		0.92			
R9/401		W14/401	0.97	1.96	0.91	1.82	0.14	7.33
R10/401		W15/401	2.34	2.34	2.23	2.23	0.11	4.87
R11/401		W16/401	1.10	1.10	1.07	1.07	0.03	2.46
R12/401		W17/401	1.07	1.07	1.05	1.05	0.02	2.05
R13/401		W18/401	2.32	2.32	2.23	2.23	0.10	4.14
R14/401		W19/401	0.87		0.86			
R14/401		W20/401	0.86	1.73	0.86	1.72	0.01	0.69
R15/401		W21/401	1.16	1.16	1.17	1.17	-0.01	-0.60
R16/401		W22/401	0.87		0.87			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R16/401		W23/401	0.76	1.62	0.76	1.63	-0.01	-0.43
R17/401		W24/401	0.70		0.70			
R17/401		W25/401	0.71	1.41	0.71	1.41	0.00	0.14
R18/401		W26/401	0.76		0.76			
R18/401		W27/401	0.71	1.47	0.71	1.47	0.00	0.00
R19/401		W28/401	1.26	1.26	1.26	1.26	0.00	-0.24
R1/402		W1/402	0.92	0.92	0.92	0.92	0.00	0.00
R2/402		W3/402	0.56		0.56			
R2/402		W4/402	0.82	1.38	0.75	1.30	0.07	5.30
R3/402		W2/402	0.71	0.71	0.71	0.71	0.00	0.00
R4/402		W5/402	0.77		0.71			
R4/402		W6/402	0.82	1.59	0.75	1.46	0.13	8.38
R5/402		W7/402	1.00	1.00	0.92	0.92	0.08	8.22
R6/402		W8/402	0.77		0.71			
R6/402		W9/402	0.81	1.58	0.75	1.46	0.13	7.91
R7/402		W10/402	0.90		0.83			
R7/402		W11/402	0.99	1.89	0.93	1.76	0.13	6.83
R8/402		W12/402	1.38	1.38	1.31	1.31	0.08	5.50
R9/402		W13/402	0.98		0.93			
R9/402		W14/402	0.96	1.95	0.92	1.85	0.10	5.14
R10/402		W15/402	2.38	2.38	2.31	2.31	0.08	3.19
R11/402		W16/402	1.11	1.11	1.09	1.09	0.01	1.26
R12/402		W17/402	1.08	1.08	1.07	1.07	0.01	1.11
R13/402		W18/402	2.36	2.36	2.30	2.30	0.06	2.63
R14/402		W19/402	0.89		0.89			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R14/402		W20/402	0.89	1.78	0.89	1.78	0.00	0.00
R15/402		W21/402	1.20	1.20	1.21	1.21	-0.01	-1.17
R16/402		W22/402	0.90		0.91			
R16/402		W23/402	0.79	1.70	0.80	1.71	-0.02	-0.94
R17/402		W24/402	0.75		0.75			
R17/402		W25/402	0.77	1.51	0.77	1.51	0.00	0.00
R18/402		W26/402	0.81		0.81			
R18/402		W27/402	0.76	1.57	0.76	1.57	0.00	0.00
R19/402		W28/402	1.35	1.35	1.35	1.35	-0.01	-0.37
R1/403		W1/403	0.96		0.92			
R1/403		W2/403	0.98	1.94	0.95	1.86	0.08	4.07
R2/403		W3/403	1.31	1.31	1.27	1.27	0.04	3.20
R3/403		W4/403	0.94		0.91			
R3/403		W5/403	0.91	1.85	0.88	1.79	0.06	3.03
R4/403		W6/403	2.38	2.38	2.35	2.35	0.04	1.51
R5/403		W7/403	1.11	1.11	1.11	1.11	0.00	0.18
R6/403		W8/403	1.09	1.09	1.09	1.09	0.00	0.09
R7/403		W9/403	2.37	2.37	2.34	2.34	0.03	1.18
R8/403		W10/403	0.82		0.82			
R8/403		W11/403	0.83	1.65	0.84	1.66	-0.01	-0.67
R9/403		W12/403	1.13	1.13	1.15	1.15	-0.02	-1.77
R10/403		W13/403	0.85		0.86			
R10/403		W14/403	0.73	1.58	0.74	1.61	-0.02	-1.52
R11/403		W15/403	0.69		0.69			
R11/403		W16/403	0.70	1.39	0.71	1.40	0.00	-0.22



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R12/403		W17/403	0.74		0.74			
R12/403		W18/403	0.70	1.44	0.70	1.45	0.00	-0.21
R13/403		W19/403	1.24	1.24	1.25	1.25	-0.01	-0.40
64-90 Crispin Way								
R1/440		W1/440	1.07	1.07	1.05	1.05	0.02	1.78
R2/440		W2/440	0.68		0.67			
R2/440		W3/440	0.72	1.40	0.71	1.38	0.03	1.85
R3/440		W4/440	0.63		0.62			
R3/440		W5/440	0.67	1.30	0.65	1.27	0.03	2.15
R4/440		W6/440	0.81		0.76			
R4/440		W7/440	0.85	1.66	0.80	1.56	0.10	5.86
R5/440		W8/440	1.11	1.11	1.04	1.04	0.07	6.22
R6/440		W9/440	0.95		0.88			
R6/440		W10/440	0.88	1.83	0.82	1.70	0.13	7.33
R7/440		W11/440	0.92		0.84			
R7/440		W12/440	0.95	1.86	0.87	1.71	0.15	8.21
R8/440		W13/440	1.21	1.21	1.10	1.10	0.11	8.86
R9/440		W14/440	1.16	1.16	1.06	1.06	0.10	8.97
R10/440		W15/440	0.95		0.87			
R10/440		W16/440	0.98	1.92	0.90	1.77	0.16	8.11
R11/440		W17/440	0.83		0.77			
R11/440		W18/440	0.86	1.69	0.80	1.57	0.12	7.03
R12/440		W19/440	1.14	1.14	1.07	1.07	0.07	6.07
R13/440		W20/440	0.88		0.83			
R13/440		W21/440	0.86	1.74	0.82	1.65	0.09	5.39
R14/440		W22/440	0.76		0.73			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R14/440		W23/440	0.76	1.52	0.74	1.47	0.05	3.49
R15/440		W24/440	0.97	0.97	0.95	0.95	0.03	2.68
R16/440		W25/440	0.73		0.72			
R16/440		W26/440	0.71	1.44	0.69	1.41	0.03	2.36
R17/440		W27/440	0.78	0.78	0.76	0.76	0.02	1.93
R18/440		W28/440	0.57		0.58			
R18/440		W29/440	0.68	1.25	0.68	1.26	-0.01	-0.56
R19/440		W30/440	0.64	0.64	0.64	0.64	0.00	0.62
R20/440		W31/440	0.63	0.63	0.62	0.62	0.01	0.96
R21/440		W32/440	0.70	0.70	0.71	0.71	-0.01	-1.71
R22/440		W33/440	0.70		0.71			
R22/440		W34/440	0.71	1.40	0.71	1.42	-0.01	-0.93
R23/440		W35/440	0.63		0.65			
R23/440		W36/440	0.76	1.39	0.76	1.40	-0.02	-1.08
R24/440		W37/440	1.86	1.86	1.85	1.85	0.00	0.22
R25/440		W38/440	1.24	1.24	1.24	1.24	0.00	0.16
R1/441		W1/441	1.15	1.15	1.14	1.14	0.02	1.39
R2/441		W2/441	0.73		0.72			
R2/441		W3/441	0.78	1.51	0.76	1.49	0.02	1.46
R3/441		W4/441	0.68		0.67			
R3/441		W5/441	0.72	1.40	0.71	1.37	0.02	1.72
R4/441		W6/441	0.85		0.81			
R4/441		W7/441	0.89	1.74	0.85	1.66	0.09	5.05
R5/441		W8/441	1.15	1.15	1.09	1.09	0.06	5.31
R6/441		W9/441	0.98		0.92			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R6/441		W10/441	0.91	1.89	0.85	1.77	0.12	6.56
R7/441		W11/441	0.94		0.87			
R7/441		W12/441	0.97	1.91	0.90	1.78	0.14	7.07
R8/441		W13/441	1.24	1.24	1.14	1.14	0.10	7.77
R9/441		W14/441	1.19	1.19	1.09	1.09	0.09	7.76
R10/441		W15/441	0.97		0.90			
R10/441		W16/441	1.00	1.97	0.93	1.84	0.14	6.85
R11/441		W17/441	0.85		0.80			
R11/441		W18/441	0.88	1.73	0.83	1.63	0.10	5.72
R12/441		W19/441	1.17	1.17	1.11	1.11	0.06	4.80
R13/441		W20/441	0.90		0.86			
R13/441		W21/441	0.88	1.78	0.84	1.70	0.08	4.33
R14/441		W22/441	0.79		0.77			
R14/441		W23/441	0.80	1.58	0.77	1.54	0.04	2.72
R15/441		W24/441	1.01	1.01	0.99	0.99	0.02	1.98
R16/441		W25/441	0.76		0.75			
R16/441		W26/441	0.74	1.50	0.72	1.47	0.03	1.67
R17/441		W27/441	0.81	0.81	0.80	0.80	0.01	1.36
R18/441		W28/441	0.59		0.60			
R18/441		W29/441	0.70	1.28	0.69	1.29	-0.01	-0.86
R19/441		W30/441	0.67	0.67	0.67	0.67	0.00	0.00
R20/441		W31/441	0.64	0.64	0.64	0.64	0.00	0.00
R21/441		W32/441	0.73	0.73	0.75	0.75	-0.01	-1.64
R22/441		W33/441	0.73		0.74			
R22/441		W34/441	0.74	1.46	0.74	1.48	-0.01	-0.89



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R23/441		W35/441	0.66		0.67			
R23/441		W36/441	0.81	1.46	0.80	1.47	-0.01	-0.96
R24/441		W37/441	2.00	2.00	2.00	2.00	0.01	0.25
R25/441		W38/441	1.34	1.34	1.34	1.34	0.00	0.07
R1/442		W1/442	1.22	1.22	1.20	1.20	0.01	1.07
R2/442		W2/442	0.78		0.77			
R2/442		W3/442	0.82	1.59	0.81	1.58	0.02	1.07
R3/442		W4/442	0.72		0.71			
R3/442		W5/442	0.76	1.47	0.75	1.45	0.02	1.22
R4/442		W6/442	0.88		0.85			
R4/442		W7/442	0.93	1.81	0.89	1.74	0.07	3.92
R5/442		W8/442	1.18	1.18	1.13	1.13	0.05	4.14
R6/442		W9/442	1.01		0.96			
R6/442		W10/442	0.93	1.95	0.88	1.84	0.10	5.24
R7/442		W11/442	0.94		0.89			
R7/442		W12/442	0.97	1.91	0.92	1.81	0.10	5.39
R8/442		W13/442	1.23	1.23	1.16	1.16	0.08	6.09
R9/442		W14/442	1.18	1.18	1.11	1.11	0.07	6.17
R10/442		W15/442	0.97		0.92			
R10/442		W16/442	1.00	1.97	0.95	1.87	0.10	5.12
R11/442		W17/442	0.83		0.79			
R11/442		W18/442	0.86	1.69	0.83	1.62	0.07	4.08
R12/442		W19/442	1.14	1.14	1.10	1.10	0.04	3.25
R13/442		W20/442	0.88		0.85			
R13/442		W21/442	0.84	1.72	0.82	1.67	0.05	2.85
R14/442		W22/442	0.73		0.72			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R14/442		W23/442	0.74	1.47	0.73	1.45	0.02	1.63
R15/442		W24/442	0.94	0.94	0.93	0.93	0.01	1.07
R16/442		W25/442	0.71		0.70			
R16/442		W26/442	0.69	1.39	0.68	1.38	0.01	0.72
R17/442		W27/442	0.76	0.76	0.75	0.75	0.00	0.40
R18/442		W28/442	0.56		0.58			
R18/442		W29/442	0.68	1.24	0.69	1.26	-0.02	-1.61
R19/442		W30/442	0.64	0.64	0.64	0.64	-0.01	-0.79
R20/442		W31/442	0.64	0.64	0.64	0.64	-0.01	-0.78
R21/442		W32/442	0.70	0.70	0.72	0.72	-0.02	-2.42
R22/442		W33/442	0.69		0.70			
R22/442		W34/442	0.70	1.39	0.71	1.41	-0.02	-1.66
R23/442		W35/442	0.62		0.64			
R23/442		W36/442	0.76	1.38	0.76	1.40	-0.02	-1.37
R24/442		W37/442	1.86	1.86	1.86	1.86	0.00	0.11
R25/442		W38/442	1.28	1.28	1.28	1.28	0.00	0.00
R1/443		W1/443	1.18	1.18	1.17	1.17	0.01	0.76
R2/443		W2/443	0.75		0.75			
R2/443		W3/443	0.79	1.55	0.79	1.53	0.01	0.84
R3/443		W4/443	0.69		0.68			
R3/443		W5/443	0.72	1.41	0.72	1.40	0.01	0.99
R4/443		W6/443	0.79		0.77			
R4/443		W7/443	0.83	1.62	0.80	1.57	0.05	3.03
R5/443		W8/443	1.05	1.05	1.02	1.02	0.03	3.14
R6/443		W9/443	0.87		0.83			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R6/443		W10/443	0.78	1.65	0.74	1.58	0.07	4.25
R7/443		W11/443	0.97		0.93			
R7/443		W12/443	1.00	1.96	0.96	1.89	0.07	3.57
R8/443		W13/443	1.26	1.26	1.21	1.21	0.06	4.35
R9/443		W14/443	1.21	1.21	1.16	1.16	0.05	4.29
R10/443		W15/443	1.00		0.96			
R10/443		W16/443	1.03	2.02	0.99	1.96	0.07	3.36
R11/443		W17/443	0.75		0.73			
R11/443		W18/443	0.81	1.56	0.79	1.52	0.04	2.31
R12/443		W19/443	1.11	1.11	1.09	1.09	0.02	1.62
R13/443		W20/443	0.92		0.90			
R13/443		W21/443	0.95	1.87	0.94	1.85	0.02	1.12

Drake House

R1/450		W1/450	1.33		1.33			
R1/450		W2/450	0.20	1.53	0.21	1.54	-0.01	-0.72
R2/450		W3/450	1.80	1.80	1.79	1.79	0.01	0.44
R3/450		W4/450	0.90	0.90	0.89	0.89	0.00	0.45
R4/450		W5/450	1.12	1.12	1.11	1.11	0.01	0.63
R5/450		W6/450	1.04	1.04	1.02	1.02	0.02	2.22
R6/450		W7/450	0.89	0.89	0.87	0.87	0.02	2.26
R7/450		W8/450	1.86	1.86	1.82	1.82	0.04	2.31
R8/450		W9/450	1.69		1.66			
R8/450		W10/450	0.24	1.93	0.25	1.91	0.02	1.14
R9/450		W13/450	1.96	1.96	2.00	2.00	-0.04	-1.89



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R10/450		W11/450	0.22		0.23			
R10/450		W12/450	0.57	0.80	0.59	0.82	-0.02	-2.63
R11/450		W14/450	1.51	1.51	1.51	1.51	0.01	0.33
R12/450		W15/450	1.36	1.36	1.35	1.35	0.00	0.29
R13/450		W16/450	1.46	1.46	1.46	1.46	0.00	0.14
R14/450		W17/450	1.96	1.96	1.96	1.96	0.00	0.05
R15/450		W18/450	0.47	0.47	0.47	0.47	0.00	0.00
R16/450		W19/450	0.44	0.44	0.44	0.44	0.00	0.00
R17/450		W20/450	0.35	0.35	0.34	0.34	0.00	0.87
R18/450		W21/450	1.45	1.45	1.45	1.45	0.00	0.00
R19/450		W22/450	1.55	1.55	1.55	1.55	0.00	0.06
R20/450		W23/450	1.53	1.53	1.53	1.53	0.00	0.00
R1/451		W1/451	1.41		1.41			
R1/451		W2/451	0.22	1.63	0.23	1.64	-0.01	-0.86
R2/451		W3/451	1.91	1.91	1.90	1.90	0.01	0.47
R3/451		W4/451	0.95	0.95	0.95	0.95	0.01	0.53
R4/451		W5/451	1.24	1.24	1.23	1.23	0.01	0.65
R5/451		W6/451	2.72	2.72	2.69	2.69	0.03	1.03
R6/451		W7/451	2.76	2.76	2.75	2.75	0.01	0.40
R7/451		W8/451	1.21	1.21	1.19	1.19	0.02	1.65
R8/451		W9/451	0.94	0.94	0.92	0.92	0.02	1.91
R9/451		W10/451	1.96	1.96	1.92	1.92	0.04	1.94



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R10/451		W11/451	1.78		1.75			
R10/451		W12/451	0.25	2.04	0.27	2.02	0.02	0.93
R11/451		W13/451	0.26		0.27			
R11/451		W14/451	1.06	1.32	1.08	1.34	-0.02	-1.74
R12/451		W15/451	2.05	2.05	2.09	2.09	-0.04	-1.86
R13/451		W16/451	1.74	1.74	1.74	1.74	0.00	0.17
R14/451		W17/451	1.59	1.59	1.59	1.59	0.00	0.13
R15/451		W18/451	1.65	1.65	1.64	1.64	0.00	0.12
R16/451		W19/451	2.17	2.17	2.17	2.17	0.00	0.09
R17/451		W20/451	0.51	0.51	0.51	0.51	0.00	0.00
R18/451		W21/451	0.47	0.47	0.47	0.47	0.00	0.00
R19/451		W22/451	2.30	2.30	2.30	2.30	0.00	0.04
R20/451		W23/451	1.66	1.66	1.66	1.66	0.00	0.06
R21/451		W24/451	1.66	1.66	1.66	1.66	0.00	0.06
R22/451		W25/451	1.64	1.64	1.64	1.64	0.00	0.00

Freeman House

R1/460		W1/460	1.35	1.35	1.36	1.36	-0.01	-0.67
R2/460		W2/460	1.53	1.53	1.54	1.54	-0.01	-0.92
R3/460		W3/460	1.51	1.51	1.52	1.52	-0.02	-0.99
R4/460		W4/460	1.46	1.46	1.46	1.46	-0.01	-0.62
R5/460		W5/460	1.41	1.41	1.42	1.42	-0.01	-0.64
R6/460		W12/460	0.18	0.18	0.18	0.18	0.00	2.23



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R7/460		W14/460	1.04	1.04	1.01	1.01	0.03	2.70
R8/460		W6/460	0.16		0.16			
R8/460		W8/460	0.15		0.16			
R8/460		W9/460	0.41		0.42			
R8/460		W10/460	0.09		0.08			
R8/460		W11/460	0.23		0.23			
R8/460		W15/460	0.43	1.48	0.43	1.47	0.01	0.54
R9/460		W7/460	0.21		0.20			
R9/460		W13/460	1.30	1.51	1.29	1.49	0.01	0.73
R10/460		W16/460	1.53	1.53	1.52	1.52	0.00	0.20
R11/460		W17/460	1.37	1.37	1.37	1.37	0.00	0.00
R12/460		W18/460	1.49	1.49	1.49	1.49	0.00	0.00
R13/460		W19/460	1.38	1.38	1.38	1.38	0.00	0.00
R14/460		W20/460	1.39	1.39	1.39	1.39	0.00	0.00
R1/461		W1/461	1.52	1.52	1.52	1.52	0.00	0.00
R2/461		W2/461	1.56	1.56	1.58	1.58	-0.02	-1.47
R3/461		W3/461	1.55	1.55	1.57	1.57	-0.02	-1.42
R4/461		W4/461	1.52	1.52	1.54	1.54	-0.02	-1.25
R5/461		W5/461	1.50	1.50	1.51	1.51	-0.02	-1.14
R6/461		W6/461	0.10		0.10			
R6/461		W7/461	0.27		0.27			
R6/461		W8/461	0.18		0.18			
R6/461		W9/461	0.49		0.49			
R6/461		W10/461	0.17		0.17			
R6/461		W11/461	0.45	1.66	0.46	1.66	0.00	0.00
R7/461		W12/461	0.32	0.32	0.31	0.31	0.00	1.26
R8/461		W13/461	1.18	1.18	1.16	1.16	0.03	2.28



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R9/461		W14/461	1.44		1.43			
R9/461		W15/461	0.22	1.66	0.21	1.65	0.01	0.66
R10/461		W16/461	1.55	1.55	1.56	1.56	-0.01	-0.78
R11/461		W17/461	1.45	1.45	1.45	1.45	0.00	0.00
R12/461		W18/461	1.57	1.57	1.57	1.57	0.00	0.00
R13/461		W19/461	1.47	1.47	1.47	1.47	0.00	0.00
R14/461		W20/461	1.49	1.49	1.49	1.49	0.00	0.00
R1/462		W1/462	1.58	1.58	1.57	1.57	0.02	1.07
R2/462		W2/462	1.59	1.59	1.62	1.62	-0.03	-1.76
R3/462		W3/462	1.58	1.58	1.61	1.61	-0.03	-1.71
R4/462		W4/462	1.59	1.59	1.61	1.61	-0.02	-1.45
R5/462		W5/462	1.61	1.61	1.63	1.63	-0.02	-1.43
R6/462		W6/462	0.13		0.13			
R6/462		W7/462	0.39		0.39			
R6/462		W8/462	0.23		0.23			
R6/462		W9/462	0.73		0.73			
R6/462		W10/462	0.20		0.21			
R6/462		W11/462	0.62	2.30	0.63	2.31	-0.01	-0.22
R7/462		W12/462	0.58	0.58	0.58	0.58	0.00	0.35
R8/462		W13/462	1.52	1.52	1.49	1.49	0.02	1.58
R9/462		W14/462	1.69		1.68			
R9/462		W15/462	0.22	1.91	0.22	1.90	0.01	0.52
R10/462		W16/462	1.57	1.57	1.59	1.59	-0.02	-1.28
R11/462		W17/462	1.53	1.53	1.53	1.53	0.00	0.00



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R12/462		W18/462	1.66	1.66	1.66	1.66	0.00	0.00
R13/462		W19/462	1.57	1.57	1.57	1.57	0.00	0.00
R14/462		W20/462	1.59	1.59	1.59	1.59	0.00	0.00
John Rich House								
R1/470		W1/470	1.05	1.05	1.05	1.05	-0.01	-0.48
R2/470		W2/470	1.14	1.14	1.14	1.14	0.00	-0.26
R3/470		W3/470	0.56	0.56	0.56	0.56	0.00	-0.18
R4/470		W4/470	0.06		0.06			
R4/470		W6/470	0.06		0.06			
R4/470		W7/470	0.29	0.41	0.29	0.41	0.00	-0.49
R5/470		W8/470	0.06		0.06			
R5/470		W9/470	0.31		0.31			
R5/470		W10/470	0.06		0.06			
R5/470		W11/470	0.31	0.74	0.31	0.75	0.00	-0.13
R6/470		W12/470	0.59	0.59	0.59	0.59	0.00	-0.34
R7/470		W13/470	1.18	1.18	1.18	1.18	0.00	-0.34
R8/470		W14/470	1.12	1.12	1.12	1.12	0.00	-0.27
R9/470		W15/470	0.90	0.90	0.90	0.90	0.00	0.22
R1/471		W1/471	1.09	1.09	1.09	1.09	-0.01	-0.55
R2/471		W2/471	1.18	1.18	1.18	1.18	-0.01	-0.42
R3/471		W3/471	0.58	0.58	0.58	0.58	0.00	-0.35
R4/471		W4/471	0.40		0.41			
R4/471		W5/471	0.38	0.78	0.38	0.79	0.00	-0.51
R5/471		W6/471	1.20		1.20			
R5/471		W7/471	1.31	2.51	1.31	2.50	0.00	0.16



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R6/471		W8/471	0.38		0.38			
R6/471		W9/471	0.41	0.79	0.41	0.79	0.00	-0.38
R7/471		W10/471	0.60	0.60	0.60	0.60	0.00	-0.34
R8/471		W11/471	1.20	1.20	1.21	1.21	-0.01	-0.50
R9/471		W12/471	1.14	1.14	1.14	1.14	-0.01	-0.53
R10/471		W13/471	1.00	1.00	1.00	1.00	0.00	0.10
R1/472		W1/472	0.80	0.80	0.80	0.80	0.00	-0.38
R2/472		W2/472	0.86	0.86	0.87	0.87	0.00	-0.46
R3/472		W3/472	0.49	0.49	0.49	0.49	0.00	-0.61
R4/472		W4/472	0.37		0.37			
R4/472		W5/472	0.36	0.72	0.36	0.73	0.00	-0.55
R5/472		W6/472	1.04		1.04			
R5/472		W7/472	1.20	2.24	1.19	2.23	0.00	0.13
R6/472		W8/472	0.35		0.35			
R6/472		W9/472	0.36	0.72	0.37	0.72	0.00	-0.56
R7/472		W10/472	0.50	0.50	0.50	0.50	0.00	-0.40
R8/472		W11/472	0.87	0.87	0.88	0.88	-0.01	-0.80
R9/472		W12/472	0.83	0.83	0.83	0.83	-0.01	-0.85
R10/472		W13/472	1.01	1.01	1.01	1.01	0.00	0.10
Russell House								
R1/480		W1/480	1.06	1.06	1.06	1.06	0.00	0.09
R2/480		W2/480	1.08	1.08	1.08	1.08	0.00	0.00
R3/480		W3/480	0.53	0.53	0.53	0.53	0.00	-0.57



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/480		W4/480	0.06		0.06			
R4/480		W5/480	0.32		0.32			
R4/480		W6/480	0.06		0.06			
R4/480		W7/480	0.32	0.76	0.32	0.76	0.00	0.00
R5/480		W8/480	0.05		0.05			
R5/480		W9/480	0.29		0.29			
R5/480		W10/480	0.06		0.06			
R5/480		W11/480	0.29	0.68	0.29	0.69	-0.01	-1.17
R6/480		W12/480	0.53	0.53	0.54	0.54	-0.01	-1.70
R7/480		W13/480	1.09	1.09	1.10	1.10	-0.01	-0.92
R8/480		W14/480	1.03	1.03	1.03	1.03	-0.01	-0.78
R1/481		W1/481	1.12	1.12	1.13	1.13	-0.01	-1.07
R2/481		W2/481	1.15	1.15	1.16	1.16	-0.01	-1.13
R3/481		W3/481	0.57	0.57	0.57	0.57	-0.01	-1.41
R4/481		W4/481	0.43		0.44			
R4/481		W5/481	0.41	0.84	0.41	0.85	-0.01	-0.95
R5/481		W6/481	1.17		1.17			
R5/481		W7/481	1.23	2.40	1.22	2.39	0.01	0.42
R6/481		W8/481	0.36		0.37			
R6/481		W9/481	0.38	0.74	0.39	0.75	-0.01	-1.08
R7/481		W10/481	0.57	0.57	0.57	0.57	-0.01	-1.42
R8/481		W11/481	1.15	1.15	1.16	1.16	-0.01	-0.96
R9/481		W12/481	1.08	1.08	1.09	1.09	-0.01	-0.84
R1/482		W1/482	0.79	0.79	0.80	0.80	-0.01	-0.63
R2/482		W2/482	0.81	0.81	0.81	0.81	-0.01	-0.62



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R3/482		W3/482	0.46	0.46	0.46	0.46	0.00	-0.87
R4/482		W4/482	0.38		0.38			
R4/482		W5/482	0.37	0.75	0.37	0.75	0.00	-0.13
R5/482		W6/482	0.94		0.94			
R5/482		W7/482	0.93	1.87	0.93	1.87	0.01	0.43
R6/482		W8/482	0.31		0.32			
R6/482		W9/482	0.32	0.64	0.32	0.64	0.00	-0.47
R7/482		W10/482	0.44	0.44	0.44	0.44	0.00	-0.45
R8/482		W11/482	0.76	0.76	0.76	0.76	0.00	-0.13
R9/482		W12/482	0.70	0.70	0.70	0.70	0.00	-0.28

51 Colham Road

R3/490		W3/490	1.61	1.61	1.61	1.61	0.00	0.12
R1/491		W1/491	2.12	2.12	2.12	2.12	0.01	0.28
R2/491		W2/491	1.61	1.61	1.61	1.61	0.00	0.19
R3/491		W3/491	0.00	0.00	0.00	0.00	0.00	-

Under construction

R1/500		W1/500	2.44	2.44	2.46	2.46	-0.02	-0.98
R2/500		W2/500	1.29	1.29	1.30	1.30	-0.01	-0.86
R3/500		W3/500	3.56	3.56	3.59	3.59	-0.03	-0.81
R4/500		W4/500	1.03	1.03	1.04	1.04	-0.01	-0.78
R5/500		W5/500	1.85		1.86			
R5/500		W6/500	0.76		0.76			
R5/500		W7/500	0.73	3.34	0.73	3.34	-0.01	-0.21
R1/501		W1/501	2.62	2.62	2.64	2.64	-0.03	-1.03



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R2/501		W2/501	1.38	1.38	1.39	1.39	-0.01	-0.87
R3/501		W3/501	2.26	2.26	2.28	2.28	-0.02	-0.71
R4/501		W4/501	1.06	1.06	1.07	1.07	-0.01	-0.85
R5/501		W5/501	1.92		1.94			
R5/501		W6/501	0.78		0.78			
R5/501		W7/501	0.75	3.45	0.75	3.46	-0.01	-0.23
R1/502		W1/502	3.46	3.46	3.49	3.49	-0.03	-0.81
R2/502		W2/502	1.37	1.37	1.38	1.38	-0.01	-0.88
R3/502		W3/502	2.33	2.33	2.34	2.34	-0.02	-0.73
R4/502		W4/502	1.02	1.02	1.02	1.02	-0.01	-0.79
R5/502		W5/502	2.50		2.51			
R5/502		W6/502	0.71		0.71			
R5/502		W7/502	0.67	3.88	0.67	3.89	-0.01	-0.31
Norlands, 1 Colham Green Road								
R2/540	ASSUMED_LIVING	W1/540	0.79		0.79			
R2/540	ASSUMED_LIVING	W4/540	3.06	3.85	3.08	3.87	-0.02	-0.60
R2/541	ASSUMED_BEDROOM	W1/541	0.60		0.60			
R2/541	ASSUMED_BEDROOM	W3/541	2.21	2.81	2.20	2.80	0.01	0.43
Kaymar, Colham Green Road								
R3/540	ASSUMED_LIVING	W5/540	3.11		3.13			
R3/540	ASSUMED_LIVING	W6/540	0.64	3.75	0.64	3.77	-0.03	-0.72
R3/541	ASSUMED_BEDROOM	W4/541	2.26		2.25			
R3/541	ASSUMED_BEDROOM	W5/541	0.63	2.89	0.63	2.88	0.01	0.38
The Nook, Colham Green Road								
R3/560		W4/560	1.13	1.13	1.13	1.13	0.00	0.00



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/560		W5/560	1.06	1.06	1.06	1.06	0.00	0.00
R2/561		W2/561	1.24	1.24	1.24	1.24	0.00	0.00
R3/561		W3/561	1.20	1.20	1.20	1.20	0.00	0.00
Isher, Colham Green Road								
R2/570		W8/570	1.96	1.96	1.97	1.97	-0.01	-0.25
R1/571		W1/571	1.67	1.67	1.67	1.67	0.00	0.18
R2/571		W2/571	1.86	1.86	1.85	1.85	0.01	0.49
Ekom, Colham Green Road								
R5/570		W19/570	0.80		0.80			
R5/570		W20/570	0.34	1.13	0.34	1.13	0.00	0.26
R6/570		W21/570	0.53		0.53			
R6/570		W22/570	0.73		0.73			
R6/570		W23/570	0.73		0.73			
R6/570		W24/570	0.53	2.52	0.53	2.52	0.00	0.00
R5/571		W5/571	2.33	2.33	2.31	2.31	0.02	0.73
R6/571		W6/571	1.89	1.89	1.89	1.89	0.00	0.00
R7/571		W7/571	2.32	2.32	2.32	2.32	0.00	0.00
Colham Green House, Colham Green Road								
R2/580		W4/580	0.46		0.46			
R2/580		W5/580	1.06	1.52	1.05	1.51	0.01	0.59
R3/581		W13/581	1.99	1.99	1.98	1.98	0.01	0.55
R5/581		W15/581	1.62	1.62	1.61	1.61	0.01	0.56
R2/582		W2/582	1.62	1.62	1.62	1.62	0.00	0.00



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

12 Lavender Road

R1/1140		W1/1140	0.74		0.74			
R1/1140		W2/1140	0.74	1.48	0.75	1.49	-0.01	-0.54
R1/1141		W1/1141	0.91	0.91	0.90	0.90	0.01	1.42
R2/1141		W2/1141	0.98	0.98	0.96	0.96	0.02	1.54
R3/1141		W3/1141	1.31	1.31	1.29	1.29	0.02	1.45

11 Lavender Road

R2/1140		W3/1140	0.69	0.69	0.69	0.69	0.00	-0.58
R3/1140		W4/1140	0.94	0.94	0.94	0.94	0.00	0.00
R4/1141		W4/1141	1.38	1.38	1.36	1.36	0.02	1.45
R5/1141		W5/1141	1.13		1.12			
R5/1141		W6/1141	0.37	1.50	0.36	1.48	0.02	1.33
R6/1141		W7/1141	1.37	1.37	1.35	1.35	0.02	1.68

10 Lavender Road

R1/1130		W1/1130	1.29	1.29	1.28	1.28	0.01	0.70
R1/1131		W1/1131	1.27		1.27			
R1/1131		W2/1131	0.96	2.23	0.95	2.22	0.01	0.40
R2/1131		W3/1131	0.93	0.93	0.92	0.92	0.01	0.97
R3/1131		W4/1131	1.90	1.90	1.87	1.87	0.03	1.63

9 Lavender Road

R2/1130		W2/1130	1.23	1.23	1.25	1.25	-0.02	-1.62
R3/1130	CONSERVATORY	W3/1130	0.28		0.28			
R3/1130	CONSERVATORY	W4/1130	6.87		6.73			
R3/1130	CONSERVATORY	W5/1130	2.03	9.19	2.03	9.05	0.14	1.53



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/1131		W5/1131	1.87	1.87	1.84	1.84	0.03	1.65
R5/1131		W6/1131	0.93	0.93	0.92	0.92	0.01	1.08
R6/1131		W7/1131	0.96		0.95			
R6/1131		W8/1131	1.83	2.80	1.80	2.75	0.04	1.54
8 Lavender Road								
R1/2000		W1/2000	0.82		0.82			
R1/2000		W2/2000	0.84	1.66	0.83	1.66	0.00	0.24
R2/2000		W3/2000	1.55	1.55	1.52	1.52	0.03	1.75
18 Campion Close								
R3/2010		W12/2010	0.27		0.28			
R3/2010		W13/2010	0.28		0.28			
R3/2010		W14/2010	21.12	21.66	21.11	21.66	0.00	0.00
R4/2011		W5/2011	1.07	1.07	1.07	1.07	0.00	-0.28
20 Campion Close								
R2/2010		W2/2010	6.45		6.45			
R2/2010		W3/2010	2.21		2.21			
R2/2010		W4/2010	1.95		1.94			
R2/2010		W5/2010	2.44		2.45			
R2/2010		W6/2010	2.93		2.93			
R2/2010		W7/2010	2.90		2.91			
R2/2010		W8/2010	6.32		6.32			
R2/2010		W9/2010	2.48		2.48			
R2/2010		W10/2010	2.18		2.18			
R2/2010		W11/2010	1.22	31.08	1.22	31.08	-0.01	-0.02
R1/2011		W1/2011	0.76	0.76	0.77	0.77	-0.01	-0.92
R2/2011		W2/2011	0.33		0.33			
R2/2011		W3/2011	0.59	0.91	0.58	0.91	0.00	0.00
R3/2011		W4/2011	1.08	1.08	1.08	1.08	0.00	-0.37



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

22 Campion Close

R1/600		W1/600	1.71	1.71	1.72	1.72	-0.01	-0.47
R2/600		W2/600	1.15		1.15			
R2/600		W3/600	0.55	1.70	0.55	1.70	0.00	0.18
R1/601		W2/601	1.28	1.28	1.27	1.27	0.01	0.86
R3/601		W1/601	0.21		0.21			
R3/601		W3/601	0.62	0.83	0.62	0.83	0.00	0.48

24 Campion Close

R3/600		W4/600	1.61	1.61	1.60	1.60	0.01	0.75
R2/601		W4/601	0.34		0.34			
R2/601		W5/601	0.44	0.78	0.44	0.78	-0.01	-1.03
R4/601		W6/601	0.97	0.97	0.96	0.96	0.01	1.14
R1/610		W1/610	1.06	1.06	0.97	0.97	0.09	8.86

26 Campion Close

R1/620		W1/620	1.75	1.75	1.77	1.77	-0.02	-0.86
R2/620		W2/620	0.83	0.83	0.78	0.78	0.05	5.88
R3/620		W3/620	1.24	1.24	1.15	1.15	0.09	7.02
R2/621		W2/621	0.62		0.57			
R2/621		W3/621	0.65	1.27	0.60	1.18	0.09	7.32
R3/621		W4/621	1.38	1.38	1.28	1.28	0.10	7.26

17 Campion Close

R4/620	DINING	W4/620	0.31		0.28			
R4/620	DINING	W5/620	0.87		0.82			
R4/620	DINING	W6/620	0.81		0.76			



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/620	DINING	W7/620	0.34	2.32	0.32	2.17	0.15	6.55
R5/620	KITCHEN	W8/620	1.52	1.52	1.42	1.42	0.10	6.39
R6/620	BEDROOM	W9/620	1.69	1.69	1.59	1.59	0.10	6.08
R4/621	BEDROOM	W5/621	1.22	1.22	1.13	1.13	0.09	7.22
R5/621	BEDROOM	W6/621	0.82		0.76			
R5/621	BEDROOM	W7/621	0.91	1.74	0.85	1.61	0.13	7.32

136 Apple Tree Ave

R1/1120	W1/1120	0.86		0.86			
R1/1120	W2/1120	0.83		0.83			
R1/1120	W3/1120	0.84	2.53	0.84	2.53	0.00	-0.08
R2/1120	W4/1120	0.22		0.22			
R2/1120	W5/1120	0.55		0.55			
R2/1120	W6/1120	0.98	1.74	0.88	1.64	0.10	5.69
R4/1120	W9/1120	0.23		0.21			
R4/1120	W10/1120	0.95		0.89			
R4/1120	W11/1120	0.30	1.47	0.30	1.41	0.07	4.55
R1/1121	W1/1121	1.41	1.41	1.41	1.41	0.00	0.00
R2/1121	W2/1121	0.90	0.90	0.90	0.90	0.00	0.22
R3/1121	W3/1121	0.96	0.96	0.82	0.82	0.14	14.66
R4/1121	W4/1121	0.83	0.83	0.79	0.79	0.04	4.84
R5/1121	W5/1121	1.15	1.15	1.08	1.08	0.06	5.58

121 Apple Tree Avenue

R1/1150	W1/1150	0.39		0.39			
R1/1150	W2/1150	1.36		1.36			
R1/1150	W3/1150	0.45	2.19	0.43	2.17	0.02	0.91
R3/1150	W5/1150	0.89	0.89	0.86	0.86	0.03	3.15



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
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DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		
R4/1150		W6/1150	1.06	1.06	1.02	1.02	0.03	3.21
R1/1151		W1/1151	1.27	1.27	1.27	1.27	0.00	-0.24
R2/1151		W2/1151	1.73	1.73	1.73	1.73	0.00	-0.23
R3/1151		W3/1151	2.10	2.10	1.65	1.65	0.45	21.45
R4/1151		W4/1151	1.70	1.70	1.64	1.64	0.06	3.70
R5/1151		W5/1151	1.68	1.68	1.63	1.63	0.05	3.15
R6/1151		W6/1151	1.56	1.56	1.51	1.51	0.05	3.15

15 Bryony Close

R2/680	ESTIMATED_ROOM&WINDOWS	W4/680	1.34		1.34			
R2/680	ESTIMATED_ROOM&WINDOWS	W5/680	0.48	1.83	0.48	1.82	0.00	0.16
R4/681	ESTIMATED_ROOM&WINDOWS	W5/681	2.04	2.04	2.01	2.01	0.03	1.57

14 Bryony Close

R1/680	ESTIMATED_ROOM&WINDOWS	W1/680	25.60		25.10			
R1/680	ESTIMATED_ROOM&WINDOWS	W2/680	0.42		0.41			
R1/680	ESTIMATED_ROOM&WINDOWS	W3/680	0.41	26.43	0.40	25.92	0.51	1.94
R1/681	ESTIMATED_ROOM&WINDOWS	W1/681	1.60	1.60	1.45	1.45	0.16	9.68
R2/681	ESTIMATED_ROOM&WINDOWS	W2/681	0.45		0.38			
R2/681	ESTIMATED_ROOM&WINDOWS	W3/681	1.38	1.83	1.36	1.74	0.08	4.49
R3/681	ESTIMATED_ROOM&WINDOWS	W4/681	1.63	1.63	1.60	1.60	0.03	1.54

12 Bryony Close

R3/670	ESTIMATED_ROOMS&WINDOW	W4/670	0.93		0.80			
R3/670	ESTIMATED_ROOMS&WINDOW	W5/670	0.94	1.87	0.80	1.59	0.28	14.74
R4/670	ESTIMATED_ROOMS&WINDOW	W6/670	0.99	0.99	0.82	0.82	0.17	17.33



DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

R4/671	ASSUMED_BEDROOM	W5/671	1.18	1.18	0.96	0.96	0.22	18.30
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R5/671	ASSUMED_BEDROOM	W6/671	1.07	1.07	0.88	0.88	0.18	17.28
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11 Bryony Close

R1/670	ESTIMATED_ROOMS&WINDOW	W1/670	1.58		1.24			
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R1/670	ESTIMATED_ROOMS&WINDOW	W2/670	0.33	1.90	0.26	1.50	0.40	21.23
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R2/670	ESTIMATED_ROOM	W3/670	1.73	1.73	1.38	1.38	0.35	20.16
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R1/671		W1/671	1.28	1.28	1.18	1.18	0.10	7.79
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R2/671	ASSUMED_BEDROOM	W2/671	0.43		0.42			
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R2/671	ASSUMED_BEDROOM	W3/671	1.09	1.52	0.86	1.28	0.24	15.94
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R3/671	ASSUMED_BEDROOM	W4/671	1.16	1.16	0.93	0.93	0.23	19.85
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10 Bryony Close

R2/660	ESTIMATED_ROOM&WINDOWS	W3/660	0.39		0.32			
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R2/660	ESTIMATED_ROOM&WINDOWS	W4/660	1.73	2.12	1.39	1.71	0.41	19.38
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R3/661		W3/661	1.08	1.08	0.84	0.84	0.24	22.10
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R4/661		W4/661	0.77	0.77	0.58	0.58	0.19	24.55
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9 Bryony Close

R1/660	ESTIMATED_ROOM&WINDOWS	W1/660	0.31		0.27			
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R1/660	ESTIMATED_ROOM&WINDOWS	W2/660	1.29	1.60	1.12	1.39	0.21	13.35
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R1/661		W1/661	0.78	0.78	0.62	0.62	0.15	19.82
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R2/661		W2/661	1.08	1.08	0.86	0.86	0.22	20.33
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8 Bryony Close

R2/650	ESTIMATED_WINDOWS&ROOM	W4/650	0.43		0.42			
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R2/650	ESTIMATED_WINDOWS&ROOM	W5/650	0.45	0.88	0.44	0.86	0.01	1.60
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R3/651	ESTIMATED_WINDOWS&ROOM	W3/651	1.29	1.29	1.27	1.27	0.02	1.47
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DAYLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

DAYLIGHT

Room	Room Use	Window	Existing		Proposed		Total Loss	%Loss
			ADF	Total	ADF	Total		

R4/651	ASSUMED	W4/651	1.13	1.13	1.12	1.12	0.01	0.44
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7 Bryony Close

R1/650	:STIMATED_WINDOWS&ROOM.	W1/650	0.56		0.55			
R1/650	:STIMATED_WINDOWS&ROOM.	W2/650	0.57		0.56			
R1/650	:STIMATED_WINDOWS&ROOM.	W3/650	0.71	1.84	0.71	1.82	0.02	0.98
R1/651	:STIMATED_WINDOWS&ROOM.	W1/651	1.16	1.16	1.16	1.16	0.00	0.17
R2/651	:STIMATED_WINDOWS&ROOM.	W2/651	1.30	1.30	1.29	1.29	0.02	1.30



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
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39 Royal Lane

R1/310	ASSUMED_LIVING	209.5	209.2	209.2	0.0	0.0
R2/311	ASSUMED_BEDROOM	143.8	139.1	139.1	0.0	0.0

41 Royal Lane

R1/300		117.8	116.3	116.3	0.0	0.0
R2/300		107.7	104.9	104.9	0.0	0.0
R1/301		159.6	141.4	141.4	0.0	0.0

43 Royal Lane

R2/280		120.7	120.0	120.0	0.0	0.0
R1/281		103.9	103.2	103.2	0.0	0.0
R2/281		61.9	60.9	60.9	0.0	0.0
R3/281		118.5	118.2	118.2	0.0	0.0
R1/290		168.9	153.8	153.8	0.0	0.0
R1/291		168.9	161.0	160.5	0.4	0.2

45 Royal Lane

R1/270	LD	322.0	313.4	313.4	0.0	0.0
R3/270	STUDY	73.4	70.6	70.6	0.0	0.0
R1/271	BEDROOM	91.5	64.4	64.4	0.0	0.0
R2/271	BEDROOM	288.0	203.8	195.4	8.3	4.1

47 Royal Lane

R2/260	ASSUMED_LIVING	192.6	189.6	171.7	17.9	9.4
R1/261	ASSUMED_BEDROOM	241.3	226.0	195.4	30.6	13.5

49 Royal Lane

R2/250	ASSUMED_LIVING	130.6	128.3	115.9	12.4	9.7
R2/251	ASSUMED_BEDROOM	46.8	39.9	39.9	0.0	0.0
R3/251	ASSUMED_BEDROOM	89.5	88.9	88.9	0.0	0.0

51 Royal Lane



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R3/250	ASSUMED_LIVING	130.4	127.9	124.9	3.1	2.4
R4/251	ASSUMED_BEDROOM	89.5	88.9	79.3	9.6	10.8
R5/251	ASSUMED_BEDROOM	46.8	39.6	38.4	1.2	3.0

53 Royal Lane

R6/250	ASSUMED_LIVING	130.6	127.9	108.3	19.6	15.3
R6/251	ASSUMED_BEDROOM	46.8	40.0	40.0	0.0	0.0
R7/251	ASSUMED_BEDROOM	89.5	88.9	84.5	4.4	4.9

55 Royal Lane

R7/250	ASSUMED_LIVING	131.3	128.8	116.3	12.5	9.7
R8/251	ASSUMED_BEDROOM	89.5	88.8	69.6	19.2	21.6
R9/251	ASSUMED_BEDROOM	46.8	39.9	37.6	2.4	6.0

57 Royal Lane

R2/240	ASSUMED_LIVING	185.9	182.3	170.3	12.0	6.6
R2/241	ASSUMED_BEDROOM	46.9	39.6	39.6	0.0	0.0
R3/241	ASSUMED_BEDROOM	99.1	94.9	76.0	18.9	19.9

59 Royal Lane

R4/240	LIVINGROOM	329.9	315.6	201.6	114.0	36.1
R4/241	BEDROOM	99.1	94.7	67.9	26.9	28.4
R5/241	BEDROOM	48.7	41.6	38.7	2.9	7.0
R1/242	BEDROOM	190.5	179.4	178.2	1.2	0.7

61 Royal Lane

R7/240	ASSUMED_LIVING	188.3	171.9	95.2	76.7	44.6
R6/241	ASSUMED_BEDROOM	48.7	41.4	41.4	0.0	0.0
R7/241	ASSUMED_BEDROOM	98.0	93.6	67.7	25.9	27.7

63 Royal Lane

R8/240	ASSUMED_LIVING	183.3	182.4	154.6	27.7	15.2
R8/241	ASSUMED_BEDROOM	100.6	96.6	62.9	33.6	34.8
R9/241	ASSUMED_BEDROOM	46.1	39.7	35.3	4.4	11.1



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
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65 Royal Lane

R3/220		130.0	127.3	72.0	55.3	43.4
R3/221	ASSUMED_BEDROOM	148.5	138.2	100.1	38.2	27.6

67 Royal Lane

R1/210	KITCHEN	151.7	96.1	34.7	61.5	64.0
R4/210	DINING	136.9	136.2	81.4	54.8	40.2
R1/211	BEDROOM	193.5	173.2	172.9	0.3	0.2
R3/211	BEDROOM	136.6	116.6	90.1	26.5	22.7

69 Royal Lane

R1/190	ASSUMED_LIVING	146.6	145.7	75.3	70.4	48.3
R1/191	ASSUMED_BEDROOM	211.0	199.7	101.0	98.8	49.5

71 Royal Lane

R1/10	KD	302.6	217.8	214.7	3.1	1.4
R4/10	BEDROOM	140.4	139.4	68.4	70.9	50.9
R1/11	BEDROOM	152.6	149.2	49.0	100.3	67.2

73 Royal Lane

R3/30	ASSUMED_BEDROOM	139.7	137.0	72.1	64.9	47.4
R1/31	ASSUMED_BEDROOM	152.6	149.2	53.4	95.9	64.3

75 Royal Lane

R2/40	ASSUMED_BEDROOM	139.1	138.1	73.6	64.4	46.6
R1/41	ASSUMED_BEDROOM	200.7	189.9	71.9	118.0	62.1

77 Royal Lane

R3/50	ASSUMED_LIVING	139.7	137.3	66.7	70.6	51.4
R2/51	ASSUMED_BEDROOM	106.2	104.4	60.5	43.9	42.0

79 Royal Lane



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R4/50	ASSUMED_LIVING	140.5	138.0	66.3	71.7	52.0
R3/51	ASSUMED_BEDROOM	106.2	104.4	63.1	41.4	39.7
81 Royal Lane						
R2/60	ASSUMED_LIVING	99.5	99.4	59.5	39.9	40.1
R2/61	ASSUMED_BEDROOM	106.2	104.3	68.8	35.5	34.0
83 Royal Lane						
R3/60	ASSUMED_LIVING	100.1	99.9	66.7	33.3	33.3
R3/61	ASSUMED_BEDROOM	106.2	104.3	71.6	32.8	31.4
85 Royal Lane						
R4/70	ASSUMED_BEDROOM	138.2	137.3	108.2	29.0	21.1
R1/71	ASSUMED_BEDROOM	193.8	184.3	115.2	69.1	37.5
87 Royal Lane						
R3/90	ASSUMED_LIVING	138.6	137.5	116.9	20.6	15.0
R2/91	ASSUMED_BEDROOM	84.9	83.5	76.7	6.8	8.1
R3/91	ASSUMED_BEDROOM	114.7	113.4	104.4	9.0	7.9
89 Royal Lane						
R3/100	LOUNGE	116.8	115.9	115.9	0.0	0.0
R2/101	ASSUMED_BEDROOM	75.3	73.7	59.8	14.0	19.0
R3/101	ASSUMED_BEDROOM	102.7	102.0	102.0	0.0	0.0
91 Royal Lane						
R4/100	ASSUMED_LOUNGE	117.4	116.7	116.0	0.6	0.5
R4/101	ASSUMED_BEDROOM	103.3	103.2	103.2	0.0	0.0
R5/101	ASSUMED_BEDROOM	75.1	72.2	72.2	0.0	0.0
93 Royal Lane						
R3/110		120.2	119.2	118.6	0.6	0.5



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
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R2/111	ASSUMED_BEDROOM	71.6	69.6	69.6	0.0	0.0
R3/111	ASSUMED_BEDROOM	103.3	102.3	102.3	0.0	0.0

95 Royal Lane

R4/110		120.4	119.4	119.4	0.0	0.0
R4/111	ASSUMED_BEDROOM	103.8	102.8	102.8	0.0	0.0
R5/111	ASSUMED_BEDROOM	71.6	69.6	69.6	0.0	0.0

97 Royal Lane

R1/120	ASSUMED_LIVING	120.7	120.5	101.1	19.5	16.2
R2/121	ASSUMED_BEDROOM	97.6	97.0	90.6	6.3	6.5

99 Royal Lane

R3/120	LIVINGROOM	115.8	115.5	89.4	26.1	22.6
R3/121	BEDROOM	105.0	104.0	94.3	9.7	9.3

101 Royal Lane

R2/130		106.4	106.3	77.8	28.5	26.8
R2/131	ASSUMED_BEDROOM	104.7	103.1	90.5	12.6	12.2
R1/132		230.5	161.0	151.7	9.3	5.8

103 Royal Lane

R3/130		106.4	106.3	71.2	35.1	33.0
R3/131	ASSUMED_BEDROOM	102.8	101.3	86.8	14.5	14.3

105 Royal Lane

R1/140	ASSUMED_LIVING	119.2	117.3	94.2	23.1	19.7
R2/141		98.9	98.1	84.2	14.0	14.3

107 Royal Lane

R2/140	ASSUMED_LIVING	111.8	111.6	89.4	22.3	20.0
R3/141		98.9	98.2	82.9	15.3	15.6



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
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109 Royal Lane

R2/160		101.7	101.6	83.5	18.1	17.8
R2/161		103.2	102.1	84.2	17.9	17.5

111 Royal Lane

R3/160		91.3	91.2	73.3	17.8	19.5
R3/161		94.1	93.4	76.0	17.4	18.6

113 Royal Lane

R1/170		127.7	127.6	127.6	0.0	0.0
R2/170		124.1	121.4	120.6	0.8	0.7
R1/171	ASSUMED_BEDROOM	192.7	180.2	179.9	0.3	0.2

115 Royal Lane

R1/180	BEDROOM	131.6	127.3	127.3	0.0	0.0
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102 Field Heath Road

R1/420		79.9	79.9	79.9	0.0	0.0
R2/420		54.5	54.4	54.4	0.0	0.0
R3/420		167.1	166.2	166.2	0.0	0.0
R1/421		75.6	75.0	75.0	0.0	0.0
R2/421		156.9	156.9	156.9	0.0	0.0

100 Field Heath Road

R1/430		134.7	134.5	134.5	0.0	0.0
R2/430		23.8	23.7	23.7	0.0	0.0
R4/430		158.9	149.6	149.6	0.0	0.0
R5/430		144.2	139.5	139.5	0.0	0.0
R1/431		124.3	124.2	124.2	0.0	0.0
R2/431		87.9	86.7	86.7	0.0	0.0
R3/431		119.3	119.0	119.0	0.0	0.0

40-57 Arklay Close



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R1/410		102.9	100.9	100.9	0.0	0.0
R2/410		81.5	79.6	79.6	0.0	0.0
R3/410		144.7	142.3	142.3	0.0	0.0
R4/410		110.7	107.8	107.8	0.0	0.0
R5/410		65.9	64.6	64.6	0.0	0.0
R6/410		125.0	119.9	119.9	0.0	0.0
R7/410		137.0	130.2	130.2	0.0	0.0
R8/410		115.9	112.9	112.9	0.0	0.0
R9/410		131.0	127.7	127.7	0.0	0.0
R10/410		131.6	128.7	128.7	0.0	0.0
R11/410		116.4	112.9	112.9	0.0	0.0
R12/410		118.9	116.5	116.5	0.0	0.0
R13/410		123.5	122.7	122.1	0.6	0.5
R14/410		81.7	79.6	78.3	1.3	1.6
R15/410		97.3	95.8	93.3	2.4	2.5
R16/410		136.2	134.1	129.9	4.2	3.1
R17/410		143.8	141.5	131.5	10.0	7.1
R18/410		140.3	133.1	133.1	0.0	0.0
R1/411		102.9	100.9	100.9	0.0	0.0
R2/411		81.5	79.6	79.6	0.0	0.0
R3/411		144.7	142.3	142.3	0.0	0.0
R4/411		110.7	107.8	107.8	0.0	0.0
R5/411		65.9	64.6	64.6	0.0	0.0
R6/411		125.0	120.6	120.6	0.0	0.0
R7/411		137.0	131.9	131.9	0.0	0.0
R8/411		115.9	113.3	113.3	0.0	0.0
R9/411		131.0	127.7	127.7	0.0	0.0
R10/411		131.6	128.6	128.6	0.0	0.0
R11/411		116.4	113.6	113.6	0.0	0.0
R12/411		118.9	116.5	116.5	0.0	0.0
R13/411		123.5	122.9	122.9	0.0	0.0
R14/411		81.7	79.6	79.6	0.0	0.0
R15/411		97.3	95.8	95.8	0.0	0.0
R16/411		136.2	134.1	134.1	0.0	0.0
R17/411		143.8	141.5	141.5	0.0	0.0
R18/411		140.3	134.3	134.3	0.0	0.0
R1/412		102.9	100.6	100.6	0.0	0.0
R2/412		81.5	78.6	78.6	0.0	0.0
R3/412		144.7	141.6	141.6	0.0	0.0
R4/412		110.7	107.9	107.9	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R5/412		65.9	63.7	63.7	0.0	0.0
R6/412		125.0	119.8	119.8	0.0	0.0
R7/412		137.0	131.3	131.3	0.0	0.0
R8/412		115.9	111.8	111.8	0.0	0.0
R9/412		131.0	126.0	126.0	0.0	0.0
R10/412		131.6	126.9	126.9	0.0	0.0
R11/412		116.4	112.7	112.7	0.0	0.0
R12/412		118.6	115.4	115.4	0.0	0.0
R13/412		123.5	122.5	122.5	0.0	0.0
R14/412		81.7	75.0	75.0	0.0	0.0
R15/412		97.3	91.3	91.3	0.0	0.0
R16/412		136.2	128.9	128.9	0.0	0.0
R17/412		143.8	136.0	136.0	0.0	0.0

1-21 Morton Close

R1/400	53.8	51.2	51.2	0.0	0.0
R2/400	69.0	63.8	63.8	0.0	0.0
R3/400	103.8	102.3	96.7	5.6	5.5
R4/400	142.4	139.3	134.1	5.2	3.7
R5/400	93.7	91.4	79.8	11.6	12.7
R6/400	135.5	133.0	127.9	5.1	3.8
R7/400	116.2	114.6	114.5	0.1	0.1
R8/400	33.5	33.0	33.0	0.0	0.0
R9/400	113.1	111.5	111.5	0.0	0.0
R10/400	105.8	105.0	105.0	0.0	0.0
R11/400	35.8	34.7	34.7	0.0	0.0
R12/400	36.1	35.0	35.0	0.0	0.0
R13/400	109.9	109.7	109.7	0.0	0.0
R14/400	115.3	113.4	113.4	0.0	0.0
R15/400	33.1	32.4	32.4	0.0	0.0
R16/400	114.2	112.5	112.5	0.0	0.0
R17/400	139.8	125.1	125.1	0.0	0.0
R18/400	138.1	123.9	123.9	0.0	0.0
R19/400	93.1	71.6	71.6	0.0	0.0
R1/401	53.8	51.2	51.2	0.0	0.0
R2/401	103.8	102.3	102.3	0.0	0.0
R3/401	69.0	63.8	63.8	0.0	0.0
R4/401	142.4	138.5	138.5	0.0	0.0
R5/401	93.7	90.9	90.8	0.1	0.1



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R6/401		135.5	132.2	132.2	0.0	0.0
R7/401		116.2	113.6	113.6	0.0	0.0
R8/401		33.5	33.0	33.0	0.0	0.0
R9/401		113.1	111.3	111.3	0.0	0.0
R10/401		109.9	109.7	109.7	0.0	0.0
R11/401		36.1	35.0	35.0	0.0	0.0
R12/401		35.8	34.7	34.7	0.0	0.0
R13/401		105.8	105.0	105.0	0.0	0.0
R14/401		115.3	113.5	113.5	0.0	0.0
R15/401		33.1	32.4	32.4	0.0	0.0
R16/401		114.2	112.5	112.5	0.0	0.0
R17/401		139.8	135.9	135.9	0.0	0.0
R18/401		138.1	135.6	135.6	0.0	0.0
R19/401		93.1	87.1	87.1	0.0	0.0
R1/402		53.8	50.4	50.4	0.0	0.0
R2/402		103.8	102.3	102.3	0.0	0.0
R3/402		69.0	63.0	63.0	0.0	0.0
R4/402		142.4	138.5	138.5	0.0	0.0
R5/402		93.7	90.9	90.9	0.0	0.0
R6/402		135.5	132.2	132.2	0.0	0.0
R7/402		116.2	113.6	113.6	0.0	0.0
R8/402		33.5	32.6	32.6	0.0	0.0
R9/402		113.1	110.6	110.6	0.0	0.0
R10/402		109.9	108.8	108.8	0.0	0.0
R11/402		36.1	34.8	34.8	0.0	0.0
R12/402		35.8	34.6	34.6	0.0	0.0
R13/402		105.8	104.8	104.8	0.0	0.0
R14/402		115.3	112.5	112.5	0.0	0.0
R15/402		33.1	32.0	32.0	0.0	0.0
R16/402		114.2	111.5	111.5	0.0	0.0
R17/402		139.8	135.4	135.4	0.0	0.0
R18/402		138.1	134.9	134.9	0.0	0.0
R19/402		93.1	91.2	91.2	0.0	0.0
R1/403		106.1	94.5	94.5	0.0	0.0
R2/403		33.5	32.6	32.6	0.0	0.0
R3/403		113.1	110.5	110.5	0.0	0.0
R4/403		109.9	108.8	108.8	0.0	0.0
R5/403		36.1	34.8	34.8	0.0	0.0
R6/403		35.8	34.6	34.6	0.0	0.0
R7/403		105.8	104.7	104.7	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R8/403		115.3	112.5	112.5	0.0	0.0
R9/403		33.1	32.0	32.0	0.0	0.0
R10/403		114.2	111.4	111.4	0.0	0.0
R11/403		139.8	135.4	135.4	0.0	0.0
R12/403		138.1	134.9	134.9	0.0	0.0
R13/403		93.1	90.1	90.1	0.0	0.0

64-90 Crispin Way

R1/440		89.2	74.1	74.1	0.0	0.0
R2/440		141.6	132.4	132.4	0.0	0.0
R3/440		159.1	136.0	136.0	0.0	0.0
R4/440		115.2	112.8	112.8	0.0	0.0
R5/440		41.0	39.5	39.5	0.0	0.0
R6/440		103.5	100.9	100.9	0.0	0.0
R7/440		106.2	105.1	105.1	0.0	0.0
R8/440		34.3	33.3	33.3	0.0	0.0
R9/440		36.0	35.0	35.0	0.0	0.0
R10/440		99.9	98.9	98.9	0.0	0.0
R11/440		119.0	116.8	116.8	0.0	0.0
R12/440		34.6	33.6	33.6	0.0	0.0
R13/440		107.7	105.5	105.5	0.0	0.0
R14/440		138.1	134.7	134.7	0.0	0.0
R15/440		93.4	90.7	90.7	0.0	0.0
R16/440		144.0	140.1	140.1	0.0	0.0
R17/440		101.9	98.3	98.3	0.0	0.0
R18/440		139.7	133.7	133.7	0.0	0.0
R19/440		68.7	63.3	63.3	0.0	0.0
R20/440		148.5	107.4	107.4	0.0	0.0
R21/440		55.8	51.6	51.6	0.0	0.0
R22/440		140.3	136.7	136.7	0.0	0.0
R23/440		74.8	72.8	73.1	-0.3	-0.4
R24/440		145.8	142.6	142.6	0.0	0.0
R25/440		54.2	52.0	52.0	0.0	0.0
R1/441		89.2	83.7	83.7	0.0	0.0
R2/441		141.6	138.9	138.9	0.0	0.0
R3/441		159.1	150.8	150.8	0.0	0.0
R4/441		115.2	112.9	112.9	0.0	0.0
R5/441		41.0	39.5	39.5	0.0	0.0
R6/441		103.5	101.1	101.1	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R7/441		106.2	105.1	105.1	0.0	0.0
R8/441		34.3	33.3	33.3	0.0	0.0
R9/441		36.0	35.0	35.0	0.0	0.0
R10/441		99.9	98.9	98.9	0.0	0.0
R11/441		119.0	116.8	116.8	0.0	0.0
R12/441		34.6	33.7	33.7	0.0	0.0
R13/441		109.2	107.0	107.0	0.0	0.0
R14/441		137.0	133.8	133.8	0.0	0.0
R15/441		93.4	90.7	90.7	0.0	0.0
R16/441		144.0	140.1	140.1	0.0	0.0
R17/441		101.9	98.3	98.3	0.0	0.0
R18/441		139.7	134.6	134.6	0.0	0.0
R19/441		68.7	63.3	63.3	0.0	0.0
R20/441		148.5	108.1	108.1	0.0	0.0
R21/441		55.8	51.6	51.6	0.0	0.0
R22/441		140.3	136.7	136.7	0.0	0.0
R23/441		74.8	73.1	73.1	0.0	0.0
R24/441		145.8	142.6	142.6	0.0	0.0
R25/441		54.2	52.4	52.4	0.0	0.0
R1/442		89.2	85.9	85.9	0.0	0.0
R2/442		141.6	138.9	138.9	0.0	0.0
R3/442		159.1	154.9	154.9	0.0	0.0
R4/442		115.2	113.1	113.1	0.0	0.0
R5/442		41.0	39.5	39.5	0.0	0.0
R6/442		103.5	101.2	101.2	0.0	0.0
R7/442		106.2	105.1	105.1	0.0	0.0
R8/442		34.3	33.3	33.3	0.0	0.0
R9/442		36.0	35.0	35.0	0.0	0.0
R10/442		99.9	98.9	98.9	0.0	0.0
R11/442		119.0	116.8	116.8	0.0	0.0
R12/442		34.6	33.7	33.7	0.0	0.0
R13/442		109.2	107.0	107.0	0.0	0.0
R14/442		137.0	133.8	133.8	0.0	0.0
R15/442		93.4	90.7	90.7	0.0	0.0
R16/442		144.0	140.1	140.1	0.0	0.0
R17/442		101.9	97.2	97.2	0.0	0.0
R18/442		139.7	136.0	136.0	0.0	0.0
R19/442		68.7	62.5	62.5	0.0	0.0
R20/442		148.5	124.2	124.2	0.0	0.0
R21/442		55.8	50.7	50.7	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R22/442		140.3	136.7	136.7	0.0	0.0
R23/442		74.8	73.1	73.1	0.0	0.0
R24/442		145.8	142.6	142.6	0.0	0.0
R25/442		54.2	52.4	52.4	0.0	0.0
R1/443		89.2	53.8	53.8	0.0	0.0
R2/443		141.6	124.5	124.5	0.0	0.0
R3/443		159.1	154.9	154.9	0.0	0.0
R4/443		115.2	112.9	112.9	0.0	0.0
R5/443		41.0	39.5	39.5	0.0	0.0
R6/443		103.5	101.0	101.0	0.0	0.0
R7/443		106.2	105.1	105.1	0.0	0.0
R8/443		34.3	33.3	33.3	0.0	0.0
R9/443		36.0	35.0	35.0	0.0	0.0
R10/443		99.9	99.0	99.0	0.0	0.0
R11/443		119.0	116.8	116.8	0.0	0.0
R12/443		34.6	33.7	33.7	0.0	0.0
R13/443		99.9	97.4	97.4	0.0	0.0

Drake House

R1/450	148.0	146.9	146.9	0.0	0.0
R2/450	72.7	67.8	67.8	0.0	0.0
R3/450	28.8	26.1	26.1	0.0	0.0
R4/450	16.8	16.3	16.3	0.0	0.0
R5/450	18.0	16.9	16.9	0.0	0.0
R6/450	30.0	27.5	27.5	0.0	0.0
R7/450	72.5	69.0	69.0	0.0	0.0
R8/450	111.8	107.8	107.8	0.0	0.0
R9/450	82.2	80.2	80.2	0.0	0.0
R10/450	45.8	45.4	45.4	0.0	0.0
R11/450	101.8	90.7	90.7	0.0	0.0
R12/450	115.6	100.0	100.0	0.0	0.0
R13/450	114.4	109.6	109.6	0.0	0.0
R14/450	73.7	72.5	72.5	0.0	0.0
R15/450	71.6	65.7	65.7	0.0	0.0
R16/450	81.3	65.8	65.8	0.0	0.0
R17/450	67.2	61.3	61.3	0.0	0.0
R18/450	114.7	107.6	107.6	0.0	0.0
R19/450	115.2	111.4	111.4	0.0	0.0
R20/450	117.3	113.2	113.2	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R1/451		148.0	147.8	147.8	0.0	0.0
R2/451		72.7	69.7	69.7	0.0	0.0
R3/451		28.8	26.1	26.1	0.0	0.0
R4/451		16.8	16.3	16.3	0.0	0.0
R5/451		43.7	42.2	42.2	0.0	0.0
R6/451		41.5	40.0	40.0	0.0	0.0
R7/451		18.0	16.9	16.9	0.0	0.0
R8/451		30.0	27.5	27.5	0.0	0.0
R9/451		72.5	70.0	70.0	0.0	0.0
R10/451		111.8	111.4	111.4	0.0	0.0
R11/451		45.8	45.4	45.4	0.0	0.0
R12/451		82.2	79.7	79.7	0.0	0.0
R13/451		101.8	97.4	97.4	0.0	0.0
R14/451		115.6	111.4	111.4	0.0	0.0
R15/451		114.4	111.0	111.0	0.0	0.0
R16/451		73.7	72.8	72.8	0.0	0.0
R17/451		72.2	66.2	66.2	0.0	0.0
R18/451		81.9	73.5	73.5	0.0	0.0
R19/451		67.4	66.7	66.7	0.0	0.0
R20/451		114.9	111.4	111.4	0.0	0.0
R21/451		115.4	111.6	111.6	0.0	0.0
R22/451		117.4	113.3	113.3	0.0	0.0

Freeman House

R1/460	119.8	111.5	111.5	0.0	0.0
R2/460	110.1	106.7	106.7	0.0	0.0
R3/460	111.2	107.6	107.6	0.0	0.0
R4/460	110.4	101.1	101.1	0.0	0.0
R5/460	111.6	107.1	107.1	0.0	0.0
R6/460	48.1	11.6	11.6	0.0	0.0
R7/460	93.9	84.0	84.0	0.0	0.0
R8/460	139.0	138.3	138.3	0.0	0.0
R9/460	104.6	80.8	80.8	0.0	0.0
R10/460	119.6	111.2	111.2	0.0	0.0
R11/460	119.2	111.5	111.5	0.0	0.0
R12/460	105.0	101.8	101.8	0.0	0.0
R13/460	112.7	100.8	100.8	0.0	0.0
R14/460	109.8	105.9	105.9	0.0	0.0
R1/461	119.8	111.5	111.5	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R2/461		110.1	106.7	106.7	0.0	0.0
R3/461		111.2	107.6	107.6	0.0	0.0
R4/461		110.4	106.8	106.8	0.0	0.0
R5/461		111.6	107.1	107.1	0.0	0.0
R6/461		139.0	138.6	138.6	0.0	0.0
R7/461		48.1	16.2	16.2	0.0	0.0
R8/461		93.9	84.1	84.1	0.0	0.0
R9/461		104.6	93.1	93.1	0.0	0.0
R10/461		119.6	111.2	111.2	0.0	0.0
R11/461		119.2	114.7	114.7	0.0	0.0
R12/461		105.0	101.8	101.8	0.0	0.0
R13/461		112.7	109.0	109.0	0.0	0.0
R14/461		109.8	106.3	106.3	0.0	0.0
R1/462		119.8	111.5	111.5	0.0	0.0
R2/462		110.1	106.7	106.7	0.0	0.0
R3/462		111.2	107.6	107.6	0.0	0.0
R4/462		110.4	106.8	106.8	0.0	0.0
R5/462		111.6	107.1	107.1	0.0	0.0
R6/462		139.0	138.8	138.8	0.0	0.0
R7/462		48.1	44.6	44.6	0.0	0.0
R8/462		93.9	86.1	86.1	0.0	0.0
R9/462		104.6	104.1	104.1	0.0	0.0
R10/462		119.6	111.2	111.2	0.0	0.0
R11/462		119.2	114.7	114.7	0.0	0.0
R12/462		105.0	101.8	101.8	0.0	0.0
R13/462		112.7	109.0	109.0	0.0	0.0
R14/462		109.8	106.3	106.3	0.0	0.0

John Rich House

R1/470	125.0	120.7	120.7	0.0	0.0
R2/470	113.4	110.5	110.5	0.0	0.0
R3/470	77.4	72.6	72.6	0.0	0.0
R4/470	122.2	107.6	107.6	0.0	0.0
R5/470	121.7	114.7	114.7	0.0	0.0
R6/470	77.5	72.3	72.3	0.0	0.0
R7/470	113.0	109.9	109.9	0.0	0.0
R8/470	122.5	118.9	118.9	0.0	0.0
R9/470	51.6	49.4	49.4	0.0	0.0
R1/471	125.0	120.9	120.9	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R2/471		113.4	110.7	110.7	0.0	0.0
R3/471		77.4	73.0	73.0	0.0	0.0
R4/471		122.2	115.6	115.6	0.0	0.0
R5/471		48.8	45.8	45.8	0.0	0.0
R6/471		121.7	115.1	115.1	0.0	0.0
R7/471		77.5	72.9	72.9	0.0	0.0
R8/471		113.0	110.3	110.3	0.0	0.0
R9/471		122.5	118.9	118.9	0.0	0.0
R10/471		51.6	49.3	49.3	0.0	0.0
R1/472		125.0	119.4	119.4	0.0	0.0
R2/472		113.4	109.3	109.3	0.0	0.0
R3/472		77.4	73.4	73.4	0.0	0.0
R4/472		122.2	115.7	115.7	0.0	0.0
R5/472		48.8	48.1	48.1	0.0	0.0
R6/472		121.7	115.4	115.4	0.0	0.0
R7/472		77.5	73.1	73.1	0.0	0.0
R8/472		113.0	108.9	108.9	0.0	0.0
R9/472		122.5	117.4	117.4	0.0	0.0
R10/472		51.6	49.4	49.4	0.0	0.0

Russell House

R1/480	122.0	118.3	118.3	0.0	0.0
R2/480	112.5	109.5	109.5	0.0	0.0
R3/480	77.2	71.5	71.5	0.0	0.0
R4/480	106.1	101.7	101.7	0.0	0.0
R5/480	126.7	118.6	118.6	0.0	0.0
R6/480	77.6	72.3	72.3	0.0	0.0
R7/480	112.8	109.7	109.7	0.0	0.0
R8/480	122.8	118.9	118.9	0.0	0.0
R1/481	122.0	118.4	118.4	0.0	0.0
R2/481	112.5	109.8	109.8	0.0	0.0
R3/481	77.2	73.0	73.0	0.0	0.0
R4/481	106.1	102.2	102.2	0.0	0.0
R5/481	52.4	47.3	47.3	0.0	0.0
R6/481	126.7	119.6	119.6	0.0	0.0
R7/481	77.6	73.1	73.1	0.0	0.0
R8/481	112.8	110.1	110.1	0.0	0.0
R9/481	122.8	119.0	119.0	0.0	0.0
R1/482	122.0	117.2	117.2	0.0	0.0



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R2/482		112.5	108.4	108.4	0.0	0.0
R3/482		77.2	73.2	73.2	0.0	0.0
R4/482		106.1	102.3	102.3	0.0	0.0
R5/482		52.4	52.4	52.4	0.0	0.0
R6/482		126.7	119.8	119.8	0.0	0.0
R7/482		77.6	73.3	73.3	0.0	0.0
R8/482		112.8	108.7	108.7	0.0	0.0
R9/482		122.8	117.7	117.7	0.0	0.0

51 Colham Road

R3/490		165.9	138.3	138.3	0.0	0.0
R1/491		63.5	62.5	62.5	0.0	0.0
R2/491		165.9	159.3	159.3	0.0	0.0
R3/491		41.4	5.7	5.7	0.0	0.0

94 Field Heath Road

R1/500		144.3	138.9	138.9	0.0	0.0
R2/500		82.4	76.3	76.3	0.0	0.0
R3/500		76.5	76.3	76.3	0.0	0.0
R4/500		124.4	119.4	119.4	0.0	0.0
R5/500		231.0	228.9	228.9	0.0	0.0
R1/501		144.3	144.1	144.1	0.0	0.0
R2/501		82.4	81.0	81.0	0.0	0.0
R3/501		76.5	75.7	75.7	0.0	0.0
R4/501		124.4	119.2	119.2	0.0	0.0
R5/501		231.0	229.2	229.2	0.0	0.0
R1/502		144.3	144.0	144.0	0.0	0.0
R2/502		82.4	80.4	80.4	0.0	0.0
R3/502		76.5	75.7	75.7	0.0	0.0
R4/502		124.4	119.1	119.1	0.0	0.0
R5/502		231.0	229.1	229.1	0.0	0.0

Norlands, 1 Colham Green Road

R2/540	ASSUMED_LIVING	148.4	148.1	148.1	0.0	0.0
R2/541	ASSUMED_BEDROOM	148.4	148.1	148.1	0.0	0.0

Kaymar, Colham Green Road



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R3/540	ASSUMED_LIVING	146.8	146.7	146.7	0.0	0.0
R3/541	ASSUMED_BEDROOM	146.8	146.7	146.7	0.0	0.0

The Nook, Colham Green Road

R3/560		113.0	104.7	104.7	0.0	0.0
R4/560		113.2	104.8	104.8	0.0	0.0
R2/561		113.0	106.2	106.2	0.0	0.0
R3/561		113.2	106.4	106.4	0.0	0.0

Isher, Colham Green Road

R2/570		129.6	128.4	128.4	0.0	0.0
R1/571		99.3	96.1	96.1	0.0	0.0
R2/571		132.5	130.7	130.7	0.0	0.0

Ekam, Colham Green Road

R5/570		156.5	154.2	154.2	0.0	0.0
R6/570		131.0	129.8	129.8	0.0	0.0
R5/571		96.4	94.7	94.7	0.0	0.0
R6/571		76.9	75.4	75.4	0.0	0.0
R7/571		100.2	98.4	98.4	0.0	0.0

Colham Green House, Colham Green Road

R2/580		230.4	229.5	229.5	0.0	0.0
R3/581		154.9	153.3	153.3	0.0	0.0
R5/581		133.9	133.1	133.1	0.0	0.0
R2/582		182.4	177.5	177.5	0.0	0.0

12 Lavender Road

R1/1140		140.2	133.5	133.5	0.0	0.0
R1/1141		87.7	78.7	78.7	0.0	0.0
R2/1141		79.2	72.3	72.3	0.0	0.0
R3/1141		101.1	92.3	92.3	0.0	0.0

11 Lavender Road



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R2/1140		212.8	198.6	198.6	0.0	0.0
R3/1140		89.7	80.6	80.6	0.0	0.0
R4/1141		94.1	85.9	85.9	0.0	0.0
R5/1141		63.6	59.3	59.3	0.0	0.0
R6/1141		37.1	32.2	32.2	0.0	0.0

10 Lavender Road

R1/1130		209.7	200.4	200.4	0.0	0.0
R1/1131		52.8	52.3	52.3	0.0	0.0
R2/1131		56.6	55.2	55.2	0.0	0.0
R3/1131		92.7	91.5	91.5	0.0	0.0

9 Lavender Road

R2/1130		208.8	200.6	200.6	0.0	0.0
R3/1130	CONSERVATORY	240.2	239.3	239.3	0.0	0.0
R4/1131		94.7	93.5	93.5	0.0	0.0
R5/1131		56.6	55.2	55.2	0.0	0.0
R6/1131		52.8	52.3	52.3	0.0	0.0

8 Lavender Road

R1/2000		36.3	34.7	34.7	0.0	0.0
R2/2000		69.3	66.6	66.6	0.0	0.0

18 Campion Close

R3/2010		228.9	228.9	228.9	0.0	0.0
R4/2011		170.9	160.2	160.2	0.0	0.0

20 Campion Close

R2/2010		122.7	122.7	122.7	0.0	0.0
R1/2011		49.7	42.6	42.6	0.0	0.0
R2/2011		47.7	44.9	44.9	0.0	0.0
R3/2011		170.9	160.2	160.2	0.0	0.0

22 Campion Close



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R1/600		138.2	134.5	134.5	0.0	0.0
R2/600		183.0	180.6	180.6	0.0	0.0
R1/601		136.3	135.6	135.6	0.0	0.0
R3/601		165.6	160.6	160.5	0.1	0.1

24 Campion Close

R3/600		196.5	187.6	187.6	0.0	0.0
R2/601		57.2	53.2	53.2	0.0	0.0
R4/601		93.4	92.1	92.0	0.1	0.1
R1/610		40.8	40.0	40.0	0.0	0.0

26 Campion Close

R1/620		100.8	96.9	96.9	0.0	0.0
R2/620		117.1	110.1	110.1	0.0	0.0
R3/620		165.9	163.7	147.9	15.8	9.7
R2/621		157.0	151.4	151.4	0.0	0.0
R3/621		97.4	94.4	94.4	0.0	0.0

17 Campion Close

R4/620	DINING	174.4	173.5	173.5	0.0	0.0
R5/620	KITCHEN	142.2	140.5	140.1	0.4	0.3
R6/620	BEDROOM	150.6	148.7	148.6	0.2	0.1
R4/621	BEDROOM	113.2	106.7	106.7	0.0	0.0
R5/621	BEDROOM	96.6	91.8	91.8	0.0	0.0

136 Apple Tree Ave

R1/1120		132.8	129.8	129.8	0.0	0.0
R2/1120		191.2	186.8	185.2	1.6	0.9
R4/1120		141.7	139.6	139.4	0.2	0.1
R1/1121		72.6	70.4	70.4	0.0	0.0
R2/1121		72.6	68.5	68.5	0.0	0.0
R3/1121		64.5	63.3	60.9	2.4	3.8
R4/1121		77.6	75.0	75.0	0.0	0.0
R5/1121		94.1	92.4	92.0	0.4	0.4



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON

EXISTING VS PROPOSED SCHEME 08/03/22

P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
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121 Apple Tree Avenue

R1/1150		216.2	215.5	215.3	0.2	0.1
R3/1150		137.2	130.1	130.1	0.0	0.0
R4/1150		136.9	132.2	132.2	0.0	0.0
R1/1151		168.0	165.4	164.6	0.7	0.4
R2/1151		63.0	62.5	62.5	0.0	0.0
R3/1151		47.6	47.1	43.6	3.5	7.4
R4/1151		56.1	55.0	55.0	0.0	0.0
R5/1151		52.2	51.2	51.1	0.1	0.2
R6/1151		73.4	72.0	71.6	0.4	0.6

15 Bryony Close

R2/680	ESTIMATED_ROOM&WINDOWS	115.5	113.8	113.8	0.0	0.0
R4/681	ESTIMATED_ROOM&WINDOWS	84.7	83.2	83.1	0.1	0.1

14 Bryony Close

R1/680	ESTIMATED_ROOM&WINDOWS	289.8	289.8	289.8	0.0	0.0
R1/681	ESTIMATED_ROOM&WINDOWS	44.6	43.9	37.4	6.4	14.6
R2/681	ESTIMATED_ROOM&WINDOWS	77.9	76.6	76.6	0.0	0.0
R3/681	ESTIMATED_ROOM&WINDOWS	78.3	76.3	76.2	0.1	0.1

12 Bryony Close

R3/670	ESTIMATED_ROOMS&WINDOWS	120.6	119.0	104.8	14.2	11.9
R4/670	ESTIMATED_ROOMS&WINDOWS	100.6	98.0	92.2	5.7	5.8
R4/671	ASSUMED_BEDROOM	119.7	117.8	105.5	12.4	10.5
R5/671	ASSUMED_BEDROOM	74.1	71.4	65.6	5.8	8.1

11 Bryony Close

R1/670	ESTIMATED_ROOMS&WINDOWS	136.3	134.6	118.1	16.5	12.3
R2/670	ESTIMATED_ROOM	136.3	134.2	112.8	21.4	15.9
R1/671		55.1	53.3	53.0	0.2	0.4
R2/671	ASSUMED_BEDROOM	72.1	70.5	70.5	0.0	0.0
R3/671	ASSUMED_BEDROOM	118.7	116.3	97.4	18.9	16.3

10 Bryony Close



NSL ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

NSL

Room	Room Use	Whole Room sq ft	Existing sq ft	Proposed sq ft	Loss sq ft	%Loss
R2/660	ESTIMATED_ROOM&WINDOWS	146.9	143.5	141.0	2.5	1.7
R3/661		117.7	115.5	92.8	22.7	19.7
R4/661		100.6	98.1	74.0	24.1	24.6

9 Bryony Close

R1/660	ESTIMATED_ROOM&WINDOWS	219.2	214.3	199.3	15.0	7.0
R1/661		100.5	98.0	78.6	19.4	19.8
R2/661		117.7	115.7	100.5	15.2	13.1

8 Bryony Close

R2/650	ESTIMATED_WINDOWS&ROOMS	234.5	212.9	212.9	0.0	0.0
R3/651	ESTIMATED_WINDOWS&ROOMS	133.0	130.2	130.1	0.1	0.1
R4/651	ASSUMED	72.2	69.0	69.0	0.0	0.0

7 Bryony Close

R1/650	ESTIMATED_WINDOWS&ROOMS	218.7	214.4	213.3	1.1	0.5
R1/651	ESTIMATED_WINDOWS&ROOMS	72.2	69.0	69.0	0.0	0.0
R2/651	ESTIMATED_WINDOWS&ROOMS	133.0	130.4	129.9	0.5	0.4



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

39 Royal Lane

R1/310	W1/310	ASSUMED_LVING	29	86	29	86	0.0	0.0						
R1/310	W2/310	ASSUMED_LVING	14	50	14	45	0.0	10.0						
R1/310	W3/310	ASSUMED_LVING	13	43	13	38	0.0	11.6						
R1/310	W4/310	ASSUMED_LVING	3	24	3	19	0.0	20.8	30	92	30	87	0.0	5.4

41 Royal Lane

R1/300	W1/300		15	49	15	44	0.0	10.2						
R1/300	W2/300		13	44	13	39	0.0	11.4						
R1/300	W3/300		4	24	4	21	0.0	12.5	15	49	15	44	0.0	10.2
R2/300	W4/300		11	22	11	22	0.0	0.0						
R2/300	W5/300		14	29	14	29	0.0	0.0						
R2/300	W6/300		13	46	13	41	0.0	10.9	15	49	15	44	0.0	10.2

43 Royal Lane

R2/280	W4/280		4	26	4	23	0.0	11.5						
R2/280	W5/280		15	60	15	54	0.0	10.0						
R2/280	W6/280		9	41	9	36	0.0	12.2	15	60	15	54	0.0	10.0
R1/281	W1/281		21	57	21	52	0.0	8.8	21	57	21	52	0.0	8.8
R2/281	W2/281		21	57	21	51	0.0	10.5	21	57	21	51	0.0	10.5



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

R3/281	W3/281		24	63	24	60	0.0	4.8						
R3/281	W4/281		22	62	22	56	0.0	9.7						
R3/281	W5/281		10	39	10	34	0.0	12.8	24	68	24	62	0.0	8.8
R1/290	W1/290		20	77	20	77	0.0	0.0	20	77	20	77	0.0	0.0
R1/291	W1/291		28	85	28	85	0.0	0.0	28	85	28	85	0.0	0.0

45 Royal Lane

R1/270	W1/270	LD	15	29	15	29	0.0	0.0						
R1/270	W2/270	LD	22	65	22	60	0.0	7.7	22	67	22	62	0.0	7.5
R3/270	W10/270	STUDY	18	63	18	55	0.0	12.7	18	63	18	55	0.0	12.7
R1/271	W1/271	BEDROOM	24	87	24	87	0.0	0.0	24	87	24	87	0.0	0.0
R2/271	W2/271	BEDROOM	22	65	22	58	0.0	10.8	22	65	22	58	0.0	10.8

47 Royal Lane

R2/260	W3/260	ASSUMED_LIVING	18	42	18	42	0.0	0.0						
R2/260	W4/260	ASSUMED_LIVING	23	63	21	53	8.7	15.9						
R2/260	W5/260	ASSUMED_LIVING	2	22	0	12	100.0	45.5	23	67	21	57	8.7	14.9
R1/261	W1/261	ASSUMED_BEDROOM	21	61	19	51	9.5	16.4	21	61	19	51	9.5	16.4



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

49 Royal Lane

R2/250	W3/250	ASSUMED_LIVING	17	27	18	28	-5.9	-3.7						
R2/250	W4/250	ASSUMED_LIVING	20	60	19	51	5.0	15.0	20	60	19	51	5.0	15.0
R2/251	W2/251	ASSUMED_BEDROOM	23	61	21	51	8.7	16.4	23	61	21	51	8.7	16.4
R3/251	W3/251	ASSUMED_BEDROOM	21	59	19	49	9.5	16.9	21	59	19	49	9.5	16.9

51 Royal Lane

R3/250	W5/250	ASSUMED_LIVING	21	61	19	50	9.5	18.0						
R3/250	W6/250	ASSUMED_LIVING	2	22	0	11	100.0	50.0	21	61	19	50	9.5	18.0
R4/251	W4/251	ASSUMED_BEDROOM	21	60	19	50	9.5	16.7	21	60	19	50	9.5	16.7
R5/251	W5/251	ASSUMED_BEDROOM	21	60	18	49	14.3	18.3	21	60	18	49	14.3	18.3

53 Royal Lane

R6/250	W9/250	ASSUMED_LIVING	17	27	16	26	5.9	3.7						
R6/250	W10/250	ASSUMED_LIVING	22	62	19	50	13.6	19.4	22	62	19	50	13.6	19.4
R6/251	W6/251	ASSUMED_BEDROOM	21	60	18	49	14.3	18.3	21	60	18	49	14.3	18.3
R7/251	W7/251	ASSUMED_BEDROOM	21	60	18	49	14.3	18.3	21	60	18	49	14.3	18.3



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

55 Royal Lane

R7/250	W11/250	ASSUMED_LIVING	22	62	19	49	13.6	21.0						
R7/250	W12/250	ASSUMED_LIVING	2	22	0	10	100.0	54.5	22	62	19	49	13.6	21.0
R8/251	W8/251	ASSUMED_BEDROOM	21	60	18	49	14.3	18.3	21	60	18	49	14.3	18.3
R9/251	W9/251	ASSUMED_BEDROOM	21	60	18	49	14.3	18.3	21	60	18	49	14.3	18.3

57 Royal Lane

R2/240	W2/240	ASSUMED_LIVING	21	54	19	52	9.5	3.7						
R2/240	W8/240	ASSUMED_LIVING	23	67	18	50	21.7	25.4	23	76	19	60	17.4	21.1
R2/241	W2/241	ASSUMED_BEDROOM	23	62	19	48	17.4	22.6	23	62	19	48	17.4	22.6
R3/241	W3/241	ASSUMED_BEDROOM	21	60	16	45	23.8	25.0	21	60	16	45	23.8	25.0

59 Royal Lane

R4/240	W9/240	LIVINGROOM	23	67	18	49	21.7	26.9	23	67	18	49	21.7	26.9
R4/241	W4/241	BEDROOM	21	60	16	45	23.8	25.0	21	60	16	45	23.8	25.0
R5/241	W5/241	BEDROOM	21	60	15	43	28.6	28.3	21	60	15	43	28.6	28.3
R1/242	W1/242	BEDROOM	7	32	7	32	0.0	0.0						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/242	W2/242	BEDROOM	27	89	23	77	14.8	13.5	30	100	26	88	13.3	12.0
61 Royal Lane														
R7/240	W17/240	ASSUMED_LIVING	23	67	17	47	26.1	29.9	23	67	17	47	26.1	29.9
R6/241	W6/241	ASSUMED_BEDROOM	21	60	15	43	28.6	28.3	21	60	15	43	28.6	28.3
R7/241	W7/241	ASSUMED_BEDROOM	21	60	15	43	28.6	28.3	21	60	15	43	28.6	28.3
63 Royal Lane														
R8/240	W18/240	ASSUMED_LIVING	23	67	17	47	26.1	29.9						
R8/240	W19/240	ASSUMED_LIVING	2	22	0	6	100.0	72.7						
R8/240	W20/240	ASSUMED_LIVING	16	44	10	24	37.5	45.5						
R8/240	W21/240	ASSUMED_LIVING	2	22	0	7	100.0	68.2	23	67	17	48	26.1	28.4
R8/241	W8/241	ASSUMED_BEDROOM	21	60	15	43	28.6	28.3	21	60	15	43	28.6	28.3
R9/241	W9/241	ASSUMED_BEDROOM	21	60	15	43	28.6	28.3	21	60	15	43	28.6	28.3
65 Royal Lane														
R3/220	W3/220		20	45	16	41	20.0	8.9						
R3/220	W4/220		23	63	16	42	30.4	33.3						
R3/220	W5/220		2	22	0	6	100.0	72.7	23	68	16	47	30.4	30.9



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

R3/221	W3/221	ASSUMED_BEDROOM	21	61	14	41	33.3	32.8	21	61	14	41	33.3	32.8
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67 Royal Lane

R1/210	W1/210	KITCHEN	7	34	1	24	85.7	29.4	7	34	1	24	85.7	29.4
R4/210	W4/210	DINING	21	47	16	42	23.8	10.6						
R4/210	W5/210	DINING	23	67	15	44	34.8	34.3						
R4/210	W6/210	DINING	2	22	0	5	100.0	77.3	23	69	16	47	30.4	31.9
R1/211	W1/211	BEDROOM	6	31	6	31	0.0	0.0						
R1/211	W2/211	BEDROOM	26	89	20	80	23.1	10.1	28	91	22	82	21.4	9.9
R3/211	W4/211	BEDROOM	21	63	14	42	33.3	33.3	21	63	14	42	33.3	33.3

69 Royal Lane

R1/190	W1/190	ASSUMED_LIVING	21	53	15	47	28.6	11.3						
R1/190	W2/190	ASSUMED_LIVING	23	62	15	39	34.8	37.1						
R1/190	W3/190	ASSUMED_LIVING	2	21	0	4	100.0	81.0	23	74	15	51	34.8	31.1
R1/191	W1/191	ASSUMED_BEDROOM	21	61	13	39	38.1	36.1	21	61	13	39	38.1	36.1

71 Royal Lane

R1/10	W1/10	KD	7	32	7	32	0.0	0.0						
R1/10	W2/10	KD	23	61	14	43	39.1	29.5						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/10	W3/10	KD	16	42	9	32	43.8	23.8	30	93	21	75	30.0	19.4
R4/10	W6/10	BEDROOM	21	46	13	37	38.1	19.6						
R4/10	W7/10	BEDROOM	22	62	12	34	45.5	45.2						
R4/10	W8/10	BEDROOM	2	22	0	3	100.0	86.4	23	68	13	40	43.5	41.2
R1/11	W1/11	BEDROOM	21	61	12	35	42.9	42.6	21	61	12	35	42.9	42.6

73 Royal Lane

R3/30	W3/30	ASSUMED_BEDROOM	21	48	11	35	47.6	27.1						
R3/30	W4/30	ASSUMED_BEDROOM	22	62	10	30	54.5	51.6						
R3/30	W5/30	ASSUMED_BEDROOM	3	23	0	2	100.0	91.3	23	68	11	36	52.2	47.1
R1/31	W1/31	ASSUMED_BEDROOM	21	62	12	35	42.9	43.5	21	62	12	35	42.9	43.5

75 Royal Lane

R2/40	W2/40	ASSUMED_BEDROOM	21	48	11	34	47.6	29.2						
R2/40	W3/40	ASSUMED_BEDROOM	23	63	11	29	52.2	54.0						
R2/40	W4/40	ASSUMED_BEDROOM	2	20	0	0	100.0	100.0	23	68	11	34	52.2	50.0
R1/41	W1/41	ASSUMED_BEDROOM	21	61	10	32	52.4	47.5	21	61	10	32	52.4	47.5

77 Royal Lane

R3/50	W5/50	ASSUMED_LIVING	16	25	6	12	62.5	52.0						
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SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R3/50	W6/50	ASSUMED_LIVING	21	60	9	27	57.1	55.0	21	60	9	27	57.1	55.0
R2/51	W2/51	ASSUMED_BEDROOM	21	60	9	29	57.1	51.7	21	60	9	29	57.1	51.7
79 Royal Lane														
R4/50	W7/50	ASSUMED_LIVING	21	60	9	28	57.1	53.3	21	60	9	30	57.1	50.0
R4/50	W8/50	ASSUMED_LIVING	2	22	0	7	100.0	68.2						
R3/51	W3/51	ASSUMED_BEDROOM	21	60	9	32	57.1	46.7	21	60	9	32	57.1	46.7
81 Royal Lane														
R2/60	W5/60	ASSUMED_LIVING	21	60	8	31	61.9	48.3	21	60	8	31	61.9	48.3
R2/61	W2/61	ASSUMED_BEDROOM	21	60	9	37	57.1	38.3	21	60	9	37	57.1	38.3
83 Royal Lane														
R3/60	W6/60	ASSUMED_LIVING	21	60	8	33	61.9	45.0	21	60	8	33	61.9	45.0
R3/61	W3/61	ASSUMED_BEDROOM	21	60	9	38	57.1	36.7	21	60	9	38	57.1	36.7
85 Royal Lane														
R4/70	W5/70	ASSUMED_BEDROOM	21	46	10	31	52.4	32.6						
R4/70	W6/70	ASSUMED_BEDROOM	23	65	10	45	56.5	30.8						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

R4/70	W7/70	ASSUMED_BEDROOM	2	22	0	19	100.0	13.6	23	68	10	50	56.5	26.5
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R1/71	W1/71	ASSUMED_BEDROOM	21	61	8	41	61.9	32.8	21	61	8	41	61.9	32.8
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87 Royal Lane

R3/90	W6/90	ASSUMED_LIVING	21	45	9	30	57.1	33.3						
R3/90	W7/90	ASSUMED_LIVING	22	61	8	41	63.6	32.8						
R3/90	W8/90	ASSUMED_LIVING	2	22	1	17	50.0	22.7	23	68	10	49	56.5	27.9

R2/91	W2/91	ASSUMED_BEDROOM	22	64	9	47	59.1	26.6	22	64	9	47	59.1	26.6
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R3/91	W3/91	ASSUMED_BEDROOM	23	68	12	54	47.8	20.6	23	68	12	54	47.8	20.6
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89 Royal Lane

R3/100	W6/100	LOUNGE	14	52	2	37	85.7	28.8						
R3/100	W7/100	LOUNGE	22	67	11	50	50.0	25.4	22	67	11	50	50.0	25.4

R2/101	W2/101	ASSUMED_BEDROOM	20	49	10	35	50.0	28.6	20	49	10	35	50.0	28.6
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R3/101	W3/101	ASSUMED_BEDROOM	18	45	8	33	55.6	26.7						
R3/101	W4/101	ASSUMED_BEDROOM	20	59	10	45	50.0	23.7	20	59	10	45	50.0	23.7

91 Royal Lane

R4/100	W8/100	ASSUMED_LOUNGE	21	66	11	51	47.6	22.7						
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SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

R4/100	W9/100	ASSUMED_LOUNGE	10	43	3	32	70.0	25.6	21	66	11	51	47.6	22.7
R4/101	W5/101	ASSUMED_BEDROOM	19	58	10	45	47.4	22.4						
R4/101	W6/101	ASSUMED_BEDROOM	10	40	4	30	60.0	25.0	19	58	11	46	42.1	20.7
R5/101	W7/101	ASSUMED_BEDROOM	15	44	7	32	53.3	27.3	15	44	7	32	53.3	27.3

93 Royal Lane

R3/110	W5/110		16	54	8	40	50.0	25.9						
R3/110	W6/110		19	60	12	46	36.8	23.3	19	60	12	46	36.8	23.3
R2/111	W2/111	ASSUMED_BEDROOM	18	47	12	35	33.3	25.5	18	47	12	35	33.3	25.5
R3/111	W3/111	ASSUMED_BEDROOM	16	45	10	33	37.5	26.7						
R3/111	W4/111	ASSUMED_BEDROOM	19	58	14	46	26.3	20.7	19	58	14	46	26.3	20.7

95 Royal Lane

R4/110	W7/110		21	62	14	47	33.3	24.2						
R4/110	W8/110		9	39	5	29	44.4	25.6	21	62	14	48	33.3	22.6
R4/111	W5/111	ASSUMED_BEDROOM	20	59	13	45	35.0	23.7						
R4/111	W6/111	ASSUMED_BEDROOM	9	39	5	28	44.4	28.2	20	59	13	45	35.0	23.7
R5/111	W7/111	ASSUMED_BEDROOM	16	45	8	30	50.0	33.3	16	45	8	30	50.0	33.3



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
97 Royal Lane														
R1/120	W4/120	ASSUMED_LIVING	14	52	7	37	50.0	28.8	14	52	7	37	50.0	28.8
R2/121	W2/121	ASSUMED_BEDROOM	18	54	11	40	38.9	25.9	18	54	11	40	38.9	25.9
99 Royal Lane														
R3/120	W5/120	LIVINGROOM	18	56	10	40	44.4	28.6	18	56	10	40	44.4	28.6
R3/121	W3/121	BEDROOM	18	54	11	40	38.9	25.9	18	54	11	40	38.9	25.9
101 Royal Lane														
R2/130	W6/130	ASSUMED_BEDROOM	19	57	10	40	47.4	29.8	19	57	10	40	47.4	29.8
R2/131	W2/131		18	54	10	39	44.4	27.8	18	54	10	39	44.4	27.8
R1/132	W1/132		24	82	20	75	16.7	8.5	29	99	25	92	13.8	7.1
R1/132	W2/132		26	84	22	75	15.4	10.7						
R1/132	W3/132		10	40	10	40	0.0	0.0						
103 Royal Lane														
R3/130	W7/130	ASSUMED_BEDROOM	19	57	9	38	52.6	33.3	19	57	9	38	52.6	33.3
R3/131	W3/131		18	54	10	39	44.4	27.8	18	54	10	39	44.4	27.8



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

105 Royal Lane

R1/140	W1/140	ASSUMED_LIVING	15	31	8	24	46.7	22.6						
R1/140	W2/140	ASSUMED_LIVING	18	56	8	38	55.6	32.1	18	56	10	40	44.4	28.6
R2/141	W2/141		17	51	12	40	29.4	21.6	17	51	12	40	29.4	21.6

107 Royal Lane

R2/140	W3/140	ASSUMED_LIVING	19	57	9	40	52.6	29.8	19	57	9	40	52.6	29.8
R3/141	W3/141		17	51	12	40	29.4	21.6	17	51	12	40	29.4	21.6

109 Royal Lane

R2/160	W6/160		20	58	11	42	45.0	27.6	20	58	11	42	45.0	27.6
R2/161	W2/161		17	51	11	39	35.3	23.5	17	51	11	39	35.3	23.5

111 Royal Lane

R3/160	W7/160		20	58	11	41	45.0	29.3	20	58	11	41	45.0	29.3
R3/161	W3/161		17	51	11	39	35.3	23.5	17	51	11	39	35.3	23.5

102 Field Heath Road



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/420	W1/420		20	58	20	58	0.0	0.0	20	58	20	58	0.0	0.0
R2/420	W2/420		23	40	23	40	0.0	0.0						
R2/420	W3/420		24	43	24	43	0.0	0.0						
R2/420	W4/420		23	44	23	44	0.0	0.0	26	55	26	55	0.0	0.0
R3/420	W5/420		20	41	20	41	0.0	0.0						
R3/420	W6/420		26	74	26	74	0.0	0.0	26	74	26	74	0.0	0.0
R1/421	W1/421		26	58	26	58	0.0	0.0	26	58	26	58	0.0	0.0
R2/421	W2/421		21	58	21	58	0.0	0.0						
R2/421	W3/421		28	76	28	76	0.0	0.0	28	76	28	76	0.0	0.0

100 Pield Heath Road

R1/430	W1/430		24	74	24	74	0.0	0.0						
R1/430	W2/430		10	31	10	31	0.0	0.0	24	74	24	74	0.0	0.0
R2/430	W3/430		5	27	5	27	0.0	0.0						
R2/430	W4/430		27	66	27	66	0.0	0.0						
R2/430	W6/430		27	72	27	72	0.0	0.0						
R2/430	W7/430		26	56	26	56	0.0	0.0						
R2/430	W9/430		24	65	24	65	0.0	0.0	27	73	27	73	0.0	0.0
R4/430	W10/430		20	61	20	61	0.0	0.0	20	61	20	61	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R5/430	W11/430		19	57	19	57	0.0	0.0						
R5/430	W12/430		0	8	0	8	-	0.0						
R5/430	W13/430		0	9	0	9	-	0.0	19	58	19	58	0.0	0.0
R1/431	W1/431		28	77	28	77	0.0	0.0						
R1/431	W2/431		26	55	26	55	0.0	0.0	28	77	28	77	0.0	0.0
R2/431	W3/431		26	58	26	58	0.0	0.0	26	58	26	58	0.0	0.0
R3/431	W4/431		26	52	26	52	0.0	0.0						
R3/431	W5/431		19	55	19	55	0.0	0.0	28	87	28	87	0.0	0.0
40-57 Arklay Close														
R6/410	W7/410		21	65	21	65	0.0	0.0						
R6/410	W8/410		22	69	22	69	0.0	0.0	22	69	22	69	0.0	0.0
R7/410	W6/410		18	60	18	60	0.0	0.0	18	60	18	60	0.0	0.0
R8/410	W9/410		16	55	16	55	0.0	0.0	16	55	16	55	0.0	0.0
R9/410	W10/410		14	50	13	49	7.1	2.0						
R9/410	W11/410		13	48	12	47	7.7	2.1	14	50	13	49	7.1	2.0
R10/410	W12/410		10	42	10	42	0.0	0.0						
R10/410	W13/410		10	40	10	40	0.0	0.0	10	42	10	42	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R13/410	W16/410		7	32	7	32	0.0	0.0						
R13/410	W17/410		28	78	23	73	17.9	6.4	28	78	23	73	17.9	6.4
R14/410	W18/410		28	79	22	73	21.4	7.6	28	79	22	73	21.4	7.6
R15/410	W19/410		28	79	22	73	21.4	7.6	28	79	22	73	21.4	7.6
R16/410	W20/410		28	79	20	71	28.6	10.1	28	79	20	71	28.6	10.1
R17/410	W21/410		28	80	20	72	28.6	10.0	28	80	20	72	28.6	10.0
R18/410	W22/410		21	65	17	61	19.0	6.2	21	65	17	61	19.0	6.2
R6/411	W7/411		24	72	24	72	0.0	0.0						
R6/411	W8/411		24	73	24	73	0.0	0.0	24	73	24	73	0.0	0.0
R7/411	W6/411		21	64	21	64	0.0	0.0	21	64	21	64	0.0	0.0
R8/411	W9/411		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
R9/411	W10/411		15	51	15	51	0.0	0.0						
R9/411	W11/411		14	49	14	49	0.0	0.0	15	51	15	51	0.0	0.0
R10/411	W12/411		12	45	12	45	0.0	0.0						
R10/411	W13/411		10	40	10	40	0.0	0.0	12	45	12	45	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R13/411	W16/411		7	31	7	31	0.0	0.0						
R13/411	W17/411		28	77	26	75	7.1	2.6	28	77	26	75	7.1	2.6
R14/411	W18/411		28	78	25	75	10.7	3.8	28	78	25	75	10.7	3.8
R15/411	W19/411		28	77	25	74	10.7	3.9	28	77	25	74	10.7	3.9
R16/411	W20/411		28	77	24	73	14.3	5.2	28	77	24	73	14.3	5.2
R17/411	W21/411		28	79	24	75	14.3	5.1	28	79	24	75	14.3	5.1
R18/411	W22/411		21	60	19	58	9.5	3.3	21	60	19	58	9.5	3.3
R6/412	W7/412		23	70	23	70	0.0	0.0						
R6/412	W8/412		26	70	26	70	0.0	0.0	27	77	27	77	0.0	0.0
R7/412	W6/412		24	66	24	66	0.0	0.0	24	66	24	66	0.0	0.0
R8/412	W9/412		21	54	21	54	0.0	0.0	21	54	21	54	0.0	0.0
R9/412	W10/412		17	49	17	49	0.0	0.0						
R9/412	W11/412		16	46	16	46	0.0	0.0	17	49	17	49	0.0	0.0
R10/412	W12/412		14	42	14	42	0.0	0.0						
R10/412	W13/412		12	39	12	39	0.0	0.0	14	42	14	42	0.0	0.0
R13/412	W16/412		2	24	2	24	0.0	0.0						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R13/412	W17/412		27	72	27	72	0.0	0.0	27	74	27	74	0.0	0.0
R14/412	W18/412		23	61	22	60	4.3	1.6	23	61	22	60	4.3	1.6
R15/412	W19/412		24	64	23	63	4.2	1.6	24	64	23	63	4.2	1.6
R16/412	W20/412		27	72	26	71	3.7	1.4	27	72	26	71	3.7	1.4
R17/412	W21/412		27	72	26	71	3.7	1.4	27	72	26	71	3.7	1.4

1-21 Morton Close

R3/400	W3/400		7	31	3	27	57.1	12.9						
R3/400	W4/400		28	78	20	70	28.6	10.3	28	78	22	72	21.4	7.7
R4/400	W5/400		28	78	20	70	28.6	10.3						
R4/400	W6/400		28	78	20	70	28.6	10.3	28	78	20	70	28.6	10.3
R5/400	W7/400		28	79	21	72	25.0	8.9	28	79	21	72	25.0	8.9
R6/400	W8/400		28	79	21	72	25.0	8.9						
R6/400	W9/400		28	80	21	73	25.0	8.8	28	80	21	73	25.0	8.8
R7/400	W10/400		28	74	22	68	21.4	8.1						
R7/400	W11/400		28	79	22	73	21.4	7.6	28	79	22	73	21.4	7.6
R8/400	W12/400		28	80	22	74	21.4	7.5	28	80	22	74	21.4	7.5



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R9/400	W13/400		28	80	22	74	21.4	7.5						
R9/400	W14/400		27	75	21	69	22.2	8.0	28	80	22	74	21.4	7.5
R10/400	W18/400		27	82	22	77	18.5	6.1	27	82	22	77	18.5	6.1
R11/400	W17/400		27	82	22	77	18.5	6.1	27	82	22	77	18.5	6.1
R12/400	W16/400		27	82	22	77	18.5	6.1	27	82	22	77	18.5	6.1
R13/400	W15/400		28	84	22	78	21.4	7.1	28	84	22	78	21.4	7.1
R14/400	W19/400		24	71	23	70	4.2	1.4						
R14/400	W20/400		25	76	23	74	8.0	2.6	25	76	23	74	8.0	2.6
R15/400	W21/400		25	76	23	74	8.0	2.6	25	76	23	74	8.0	2.6
R16/400	W22/400		25	74	23	72	8.0	2.7						
R16/400	W23/400		25	72	23	70	8.0	2.8	25	74	23	72	8.0	2.7
R17/400	W24/400		17	57	18	58	-5.9	-1.8						
R17/400	W25/400		16	56	17	57	-6.3	-1.8	17	57	18	58	-5.9	-1.8
R18/400	W26/400		16	57	17	58	-6.3	-1.8						
R18/400	W27/400		16	57	17	58	-6.3	-1.8	16	57	17	58	-6.3	-1.8
R19/400	W28/400		15	57	16	58	-6.7	-1.8	15	57	16	58	-6.7	-1.8



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/401	W3/401		7	32	4	29	42.9	9.4						
R2/401	W4/401		28	78	22	72	21.4	7.7	28	78	23	73	17.9	6.4
R4/401	W5/401		28	78	22	72	21.4	7.7						
R4/401	W6/401		28	78	22	72	21.4	7.7	28	78	22	72	21.4	7.7
R5/401	W7/401		28	79	23	74	17.9	6.3	28	79	23	74	17.9	6.3
R6/401	W8/401		28	80	23	75	17.9	6.3						
R6/401	W9/401		28	80	23	75	17.9	6.3	28	80	23	75	17.9	6.3
R7/401	W10/401		28	74	24	70	14.3	5.4						
R7/401	W11/401		28	79	24	75	14.3	5.1	28	79	24	75	14.3	5.1
R8/401	W12/401		29	81	25	77	13.8	4.9	29	81	25	77	13.8	4.9
R9/401	W13/401		28	80	24	76	14.3	5.0						
R9/401	W14/401		27	75	23	71	14.8	5.3	28	80	24	76	14.3	5.0
R10/401	W15/401		29	86	24	81	17.2	5.8	29	86	24	81	17.2	5.8
R11/401	W16/401		28	85	24	81	14.3	4.7	28	85	24	81	14.3	4.7
R12/401	W17/401		27	84	23	80	14.8	4.8	27	84	23	80	14.8	4.8
R13/401	W18/401		27	83	23	79	14.8	4.8	27	83	23	79	14.8	4.8



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R14/401	W19/401		24	73	23	72	4.2	1.4						
R14/401	W20/401		25	78	23	76	8.0	2.6	25	78	23	76	8.0	2.6
R15/401	W21/401		25	77	23	75	8.0	2.6	25	77	23	75	8.0	2.6
R16/401	W22/401		25	75	23	73	8.0	2.7						
R16/401	W23/401		25	72	23	70	8.0	2.8	25	75	23	73	8.0	2.7
R17/401	W24/401		20	62	20	62	0.0	0.0						
R17/401	W25/401		20	63	20	63	0.0	0.0	20	63	20	63	0.0	0.0
R18/401	W26/401		20	64	20	64	0.0	0.0						
R18/401	W27/401		19	62	19	62	0.0	0.0	20	64	20	64	0.0	0.0
R19/401	W28/401		18	61	18	61	0.0	0.0	18	61	18	61	0.0	0.0
R2/402	W3/402		7	26	5	24	28.6	7.7						
R2/402	W4/402		27	67	24	64	11.1	4.5	27	67	25	65	7.4	3.0
R4/402	W5/402		27	68	24	65	11.1	4.4						
R4/402	W6/402		27	68	24	65	11.1	4.4	27	68	24	65	11.1	4.4
R5/402	W7/402		27	68	24	65	11.1	4.4	27	68	24	65	11.1	4.4
R6/402	W8/402		27	68	24	65	11.1	4.4						
R6/402	W9/402		28	70	25	67	10.7	4.3	28	70	25	67	10.7	4.3



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/402	W10/402		28	71	25	68	10.7	4.2						
R7/402	W11/402		29	78	26	75	10.3	3.8	29	78	26	75	10.3	3.8
R8/402	W12/402		30	81	27	78	10.0	3.7	30	81	27	78	10.0	3.7
R9/402	W13/402		28	80	25	77	10.7	3.8						
R9/402	W14/402		27	75	24	72	11.1	4.0	28	80	25	77	10.7	3.8
R10/402	W15/402		29	86	26	83	10.3	3.5	29	86	26	83	10.3	3.5
R11/402	W16/402		29	86	27	84	6.9	2.3	29	86	27	84	6.9	2.3
R12/402	W17/402		28	85	26	83	7.1	2.4	28	85	26	83	7.1	2.4
R13/402	W18/402		28	85	26	83	7.1	2.4	28	85	26	83	7.1	2.4
R14/402	W19/402		25	75	25	75	0.0	0.0						
R14/402	W20/402		26	80	25	79	3.8	1.3	26	80	25	79	3.8	1.3
R15/402	W21/402		26	80	25	79	3.8	1.3	26	80	25	79	3.8	1.3
R16/402	W22/402		25	77	24	76	4.0	1.3						
R16/402	W23/402		25	73	24	72	4.0	1.4	25	77	24	76	4.0	1.3
R17/402	W24/402		20	64	20	64	0.0	0.0						
R17/402	W25/402		20	63	20	63	0.0	0.0	20	64	20	64	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R18/402	W26/402		21	62	21	62	0.0	0.0						
R18/402	W27/402		20	61	20	61	0.0	0.0	21	62	21	62	0.0	0.0
R19/402	W28/402		20	61	20	61	0.0	0.0	20	61	20	61	0.0	0.0
R1/403	W1/403		28	73	26	71	7.1	2.7						
R1/403	W2/403		29	73	27	71	6.9	2.7	29	74	27	72	6.9	2.7
R2/403	W3/403		29	76	27	74	6.9	2.6	29	76	27	74	6.9	2.6
R3/403	W4/403		28	75	26	73	7.1	2.7						
R3/403	W5/403		25	70	23	68	8.0	2.9	28	75	26	73	7.1	2.7
R4/403	W6/403		30	82	28	80	6.7	2.4	30	82	28	80	6.7	2.4
R5/403	W7/403		30	85	28	83	6.7	2.4	30	85	28	83	6.7	2.4
R6/403	W8/403		30	85	29	84	3.3	1.2	30	85	29	84	3.3	1.2
R7/403	W9/403		30	82	28	80	6.7	2.4	30	82	28	80	6.7	2.4
R8/403	W10/403		23	69	23	69	0.0	0.0						
R8/403	W11/403		27	74	26	73	3.7	1.4	27	75	26	74	3.7	1.3
R9/403	W12/403		26	69	25	68	3.8	1.4	26	69	25	68	3.8	1.4



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R10/403	W13/403		26	67	25	66	3.8	1.5						
R10/403	W14/403		25	59	24	58	4.0	1.7	26	67	25	66	3.8	1.5
R11/403	W15/403		19	51	19	51	0.0	0.0						
R11/403	W16/403		18	50	18	50	0.0	0.0	19	51	19	51	0.0	0.0
R12/403	W17/403		19	51	19	51	0.0	0.0						
R12/403	W18/403		19	51	19	51	0.0	0.0	19	51	19	51	0.0	0.0
R13/403	W19/403		19	51	19	51	0.0	0.0	19	51	19	51	0.0	0.0
64-90 Crispin Way														
R5/440	W8/440		14	48	11	45	21.4	6.3	14	48	11	45	21.4	6.3
R6/440	W9/440		14	46	11	43	21.4	6.5						
R6/440	W10/440		11	40	8	37	27.3	7.5	14	46	11	43	21.4	6.5
R7/440	W11/440		20	59	17	56	15.0	5.1						
R7/440	W12/440		20	59	17	56	15.0	5.1	20	59	17	56	15.0	5.1
R8/440	W13/440		20	61	17	58	15.0	4.9	20	61	17	58	15.0	4.9
R9/440	W14/440		19	60	17	58	10.5	3.3	19	60	17	58	10.5	3.3
R10/440	W15/440		19	60	16	57	15.8	5.0						
R10/440	W16/440		19	60	16	57	15.8	5.0	19	60	16	57	15.8	5.0



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HILLINGDON HOSPITAL, LONDON
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APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R11/440	W17/440		23	66	20	62	13.0	6.1						
R11/440	W18/440		23	67	20	63	13.0	6.0	23	67	20	63	13.0	6.0
R12/440	W19/440		23	67	20	63	13.0	6.0	23	67	20	63	13.0	6.0
R13/440	W20/440		22	65	19	61	13.6	6.2						
R13/440	W21/440		19	58	16	54	15.8	6.9	22	65	19	61	13.6	6.2
R14/440	W22/440		26	77	24	74	7.7	3.9						
R14/440	W23/440		25	76	24	74	4.0	2.6	26	77	24	74	7.7	3.9
R15/440	W24/440		25	76	24	74	4.0	2.6	25	76	24	74	4.0	2.6
R16/440	W25/440		25	77	24	75	4.0	2.6						
R16/440	W26/440		25	77	24	75	4.0	2.6	25	77	24	75	4.0	2.6
R17/440	W27/440		23	74	23	73	0.0	1.4	23	74	23	73	0.0	1.4
R18/440	W28/440		19	52	21	54	-10.5	-3.8						
R18/440	W29/440		21	58	23	60	-9.5	-3.4	21	60	23	62	-9.5	-3.3
R19/440	W30/440		20	60	22	61	-10.0	-1.7	20	60	22	61	-10.0	-1.7
R20/440	W31/440		10	44	11	45	-10.0	-2.3	10	44	11	45	-10.0	-2.3
R21/440	W32/440		25	81	26	82	-4.0	-1.2	25	81	26	82	-4.0	-1.2



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APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R22/440	W33/440		25	81	26	82	-4.0	-1.2						
R22/440	W34/440		24	80	25	81	-4.2	-1.3	25	81	26	82	-4.0	-1.2
R23/440	W35/440		24	80	25	81	-4.2	-1.3						
R23/440	W36/440		17	56	18	57	-5.9	-1.8	24	92	25	93	-4.2	-1.1
R24/440	W37/440		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
R25/440	W38/440		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
R5/441	W8/441		14	48	12	46	14.3	4.2	14	48	12	46	14.3	4.2
R6/441	W9/441		14	46	12	44	14.3	4.3						
R6/441	W10/441		11	40	9	38	18.2	5.0	14	46	12	44	14.3	4.3
R7/441	W11/441		20	58	18	56	10.0	3.4						
R7/441	W12/441		20	58	19	57	5.0	1.7	20	58	19	57	5.0	1.7
R8/441	W13/441		20	60	19	59	5.0	1.7	20	60	19	59	5.0	1.7
R9/441	W14/441		20	61	18	59	10.0	3.3	20	61	18	59	10.0	3.3
R10/441	W15/441		20	61	18	59	10.0	3.3						
R10/441	W16/441		20	61	18	59	10.0	3.3	20	61	18	59	10.0	3.3
R11/441	W17/441		24	67	22	65	8.3	3.0						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R11/441	W18/441		24	68	22	66	8.3	2.9	24	68	22	66	8.3	2.9
R12/441	W19/441		24	67	22	64	8.3	4.5	24	67	22	64	8.3	4.5
R13/441	W20/441		23	65	21	62	8.7	4.6						
R13/441	W21/441		20	59	18	57	10.0	3.4	23	65	21	63	8.7	3.1
R14/441	W22/441		27	77	25	75	7.4	2.6						
R14/441	W23/441		27	77	25	75	7.4	2.6	27	77	25	75	7.4	2.6
R15/441	W24/441		28	78	25	75	10.7	3.8	28	78	25	75	10.7	3.8
R16/441	W25/441		28	79	25	76	10.7	3.8						
R16/441	W26/441		28	79	25	76	10.7	3.8	28	79	25	76	10.7	3.8
R17/441	W27/441		26	78	24	76	7.7	2.6	26	78	24	76	7.7	2.6
R18/441	W28/441		23	57	23	57	0.0	0.0						
R18/441	W29/441		24	64	23	63	4.2	1.6	25	65	24	64	4.0	1.5
R19/441	W30/441		23	69	23	69	0.0	0.0	23	69	23	69	0.0	0.0
R20/441	W31/441		13	47	12	46	7.7	2.1	13	47	12	46	7.7	2.1
R21/441	W32/441		28	81	27	80	3.6	1.2	28	81	27	80	3.6	1.2
R22/441	W33/441		28	83	27	82	3.6	1.2						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R22/441	W34/441		28	84	27	83	3.6	1.2	28	84	27	83	3.6	1.2
R23/441	W35/441		27	83	27	83	0.0	0.0						
R23/441	W36/441		20	60	20	60	0.0	0.0	27	96	27	96	0.0	0.0
R24/441	W37/441		20	59	20	59	0.0	0.0	20	59	20	59	0.0	0.0
R25/441	W38/441		20	58	20	58	0.0	0.0	20	58	20	58	0.0	0.0
R5/442	W8/442		15	48	13	46	13.3	4.2	15	48	13	46	13.3	4.2
R6/442	W9/442		15	47	13	45	13.3	4.3						
R6/442	W10/442		12	41	10	39	16.7	4.9	15	47	13	45	13.3	4.3
R7/442	W11/442		21	59	19	57	9.5	3.4						
R7/442	W12/442		21	59	19	57	9.5	3.4	21	59	19	57	9.5	3.4
R8/442	W13/442		21	60	19	58	9.5	3.3	21	60	19	58	9.5	3.3
R9/442	W14/442		20	58	18	56	10.0	3.4	20	58	18	56	10.0	3.4
R10/442	W15/442		20	60	18	58	10.0	3.3						
R10/442	W16/442		20	61	18	59	10.0	3.3	20	61	18	59	10.0	3.3
R11/442	W17/442		24	67	22	65	8.3	3.0						
R11/442	W18/442		24	68	22	66	8.3	2.9	24	68	22	66	8.3	2.9



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R12/442	W19/442		23	70	21	68	8.7	2.9	23	70	21	68	8.7	2.9
R13/442	W20/442		23	71	21	69	8.7	2.8						
R13/442	W21/442		19	56	18	55	5.3	1.8	23	71	22	70	4.3	1.4
R14/442	W22/442		26	67	25	66	3.8	1.5						
R14/442	W23/442		26	67	25	66	3.8	1.5	26	67	25	66	3.8	1.5
R15/442	W24/442		27	68	25	66	7.4	2.9	27	68	25	66	7.4	2.9
R16/442	W25/442		27	68	25	66	7.4	2.9						
R16/442	W26/442		27	68	25	66	7.4	2.9	27	68	25	66	7.4	2.9
R17/442	W27/442		25	64	25	64	0.0	0.0	25	64	25	64	0.0	0.0
R18/442	W28/442		22	48	22	48	0.0	0.0						
R18/442	W29/442		25	60	25	60	0.0	0.0	25	60	25	60	0.0	0.0
R19/442	W30/442		25	64	25	64	0.0	0.0	25	64	25	64	0.0	0.0
R20/442	W31/442		15	55	14	54	6.7	1.8	15	55	14	54	6.7	1.8
R21/442	W32/442		28	72	27	71	3.6	1.4	28	72	27	71	3.6	1.4
R22/442	W33/442		28	71	27	70	3.6	1.4						
R22/442	W34/442		28	71	27	70	3.6	1.4	28	71	27	70	3.6	1.4



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R23/442	W35/442		29	72	28	71	3.4	1.4						
R23/442	W36/442		18	51	18	51	0.0	0.0	29	96	28	95	3.4	1.0
R24/442	W37/442		16	49	16	49	0.0	0.0	16	49	16	49	0.0	0.0
R25/442	W38/442		16	49	16	49	0.0	0.0	16	49	16	49	0.0	0.0
R5/443	W8/443		13	40	12	39	7.7	2.5	13	40	12	39	7.7	2.5
R6/443	W9/443		13	40	12	39	7.7	2.5						
R6/443	W10/443		10	37	9	36	10.0	2.7	13	40	12	39	7.7	2.5
R7/443	W11/443		21	58	20	57	4.8	1.7						
R7/443	W12/443		21	58	20	57	4.8	1.7	21	58	20	57	4.8	1.7
R8/443	W13/443		21	57	20	56	4.8	1.8	21	57	20	56	4.8	1.8
R9/443	W14/443		21	58	20	57	4.8	1.7	21	58	20	57	4.8	1.7
R10/443	W15/443		20	57	19	56	5.0	1.8						
R10/443	W16/443		20	55	19	54	5.0	1.8	21	58	20	57	4.8	1.7
R11/443	W17/443		23	57	22	56	4.3	1.8						
R11/443	W18/443		25	61	24	60	4.0	1.6	25	61	24	60	4.0	1.6
R12/443	W19/443		26	66	25	65	3.8	1.5	26	66	25	65	3.8	1.5



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R13/443	W20/443		26	68	25	67	3.8	1.5						
R13/443	W21/443		27	72	26	71	3.7	1.4	27	72	26	71	3.7	1.4
Drake House														
R1/450	W1/450		6	32	7	33	-16.7	-3.1						
R1/450	W2/450		7	32	8	33	-14.3	-3.1	7	33	8	34	-14.3	-3.0
R8/450	W9/450		6	34	7	35	-16.7	-2.9						
R8/450	W10/450		7	35	9	37	-28.6	-5.7	7	35	9	37	-28.6	-5.7
R9/450	W13/450		23	79	25	81	-8.7	-2.5	23	79	25	81	-8.7	-2.5
R10/450	W11/450		22	56	22	56	0.0	0.0						
R10/450	W12/450		17	27	18	28	-5.9	-3.7	22	56	23	57	-4.5	-1.8
R11/450	W14/450		17	48	17	48	0.0	0.0	17	48	17	48	0.0	0.0
R12/450	W15/450		17	50	17	50	0.0	0.0	17	50	17	50	0.0	0.0
R13/450	W16/450		11	33	11	33	0.0	0.0	11	33	11	33	0.0	0.0
R14/450	W17/450		14	52	14	52	0.0	0.0	14	52	14	52	0.0	0.0
R15/450	W18/450		14	53	14	53	0.0	0.0	14	53	14	53	0.0	0.0
R16/450	W19/450		14	53	14	53	0.0	0.0	14	53	14	53	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R17/450	W20/450		2	2	2	2	0.0	0.0	2	2	2	2	0.0	0.0
R18/450	W21/450		5	37	5	37	0.0	0.0	5	37	5	37	0.0	0.0
R19/450	W22/450		15	54	15	54	0.0	0.0	15	54	15	54	0.0	0.0
R20/450	W23/450		16	54	16	54	0.0	0.0	16	54	16	54	0.0	0.0
R1/451	W1/451		7	35	7	35	0.0	0.0						
R1/451	W2/451		8	38	8	38	0.0	0.0	8	39	8	39	0.0	0.0
R10/451	W11/451		7	35	7	35	0.0	0.0						
R10/451	W12/451		9	40	9	40	0.0	0.0	9	40	9	40	0.0	0.0
R11/451	W13/451		24	71	25	72	-4.2	-1.4						
R11/451	W14/451		25	72	25	72	0.0	0.0	25	72	25	72	0.0	0.0
R12/451	W15/451		27	83	27	83	0.0	0.0	27	83	27	83	0.0	0.0
R13/451	W16/451		17	54	17	54	0.0	0.0	17	54	17	54	0.0	0.0
R14/451	W17/451		17	55	17	55	0.0	0.0	17	55	17	55	0.0	0.0
R15/451	W18/451		17	55	17	55	0.0	0.0	17	55	17	55	0.0	0.0
R16/451	W19/451		17	56	17	56	0.0	0.0	17	56	17	56	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R17/451	W20/451		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R18/451	W21/451		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R19/451	W22/451		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
R20/451	W23/451		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
R21/451	W24/451		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R22/451	W25/451		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0

Freeman House

R2/460	W2/460		23	79	23	79	0.0	0.0	23	79	23	79	0.0	0.0
R3/460	W3/460		22	77	22	77	0.0	0.0	22	77	22	77	0.0	0.0
R4/460	W4/460		19	65	19	65	0.0	0.0	19	65	19	65	0.0	0.0
R5/460	W5/460		17	59	17	59	0.0	0.0	17	59	17	59	0.0	0.0
R8/460	W6/460		6	15	7	16	-16.7	-6.7						
R8/460	W8/460		6	17	6	17	0.0	0.0						
R8/460	W9/460		6	17	7	18	-16.7	-5.9						
R8/460	W10/460		8	17	8	17	0.0	0.0						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R8/460	W11/460		8	19	8	19	0.0	0.0						
R8/460	W15/460		6	17	7	18	-16.7	-5.9	11	29	12	30	-9.1	-3.4
R9/460	W7/460		9	30	9	30	0.0	0.0						
R9/460	W13/460		7	37	7	37	0.0	0.0	9	39	9	39	0.0	0.0
R10/460	W16/460		25	81	25	81	0.0	0.0	25	81	25	81	0.0	0.0
R11/460	W17/460		17	51	17	51	0.0	0.0	17	51	17	51	0.0	0.0
R12/460	W18/460		17	51	17	51	0.0	0.0	17	51	17	51	0.0	0.0
R13/460	W19/460		17	50	17	50	0.0	0.0	17	50	17	50	0.0	0.0
R14/460	W20/460		17	50	17	50	0.0	0.0	17	50	17	50	0.0	0.0
R2/461	W2/461		25	81	24	80	4.0	1.2	25	81	24	80	4.0	1.2
R3/461	W3/461		25	81	24	80	4.0	1.2	25	81	24	80	4.0	1.2
R4/461	W4/461		21	76	21	76	0.0	0.0	21	76	21	76	0.0	0.0
R5/461	W5/461		20	72	20	72	0.0	0.0	20	72	20	72	0.0	0.0
R6/461	W6/461		8	21	8	21	0.0	0.0						
R6/461	W7/461		8	23	8	23	0.0	0.0						
R6/461	W8/461		6	18	7	19	-16.7	-5.6						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R6/461	W9/461		7	22	8	23	-14.3	-4.5						
R6/461	W10/461		6	18	7	19	-16.7	-5.6						
R6/461	W11/461		6	20	7	21	-16.7	-5.0	11	34	12	35	-9.1	-2.9
R9/461	W14/461		8	38	8	38	0.0	0.0						
R9/461	W15/461		10	31	10	31	0.0	0.0	10	40	10	40	0.0	0.0
R10/461	W16/461		26	82	26	82	0.0	0.0	26	82	26	82	0.0	0.0
R11/461	W17/461		18	56	18	56	0.0	0.0	18	56	18	56	0.0	0.0
R12/461	W18/461		18	56	18	56	0.0	0.0	18	56	18	56	0.0	0.0
R13/461	W19/461		18	55	18	55	0.0	0.0	18	55	18	55	0.0	0.0
R14/461	W20/461		18	54	18	54	0.0	0.0	18	54	18	54	0.0	0.0
R2/462	W2/462		28	84	28	84	0.0	0.0	28	84	28	84	0.0	0.0
R3/462	W3/462		27	83	27	83	0.0	0.0	27	83	27	83	0.0	0.0
R4/462	W4/462		26	82	26	82	0.0	0.0	26	82	26	82	0.0	0.0
R5/462	W5/462		26	82	26	82	0.0	0.0	26	82	26	82	0.0	0.0
R6/462	W6/462		10	33	10	33	0.0	0.0						
R6/462	W7/462		16	49	16	49	0.0	0.0						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R6/462	W8/462		9	32	10	33	-11.1	-3.1						
R6/462	W9/462		16	55	17	56	-6.3	-1.8						
R6/462	W10/462		7	28	8	29	-14.3	-3.6						
R6/462	W11/462		10	40	11	41	-10.0	-2.5	19	66	20	67	-5.3	-1.5
R9/462	W14/462		8	38	8	38	0.0	0.0						
R9/462	W15/462		10	33	10	33	0.0	0.0	10	42	10	42	0.0	0.0
R10/462	W16/462		28	84	28	84	0.0	0.0	28	84	28	84	0.0	0.0
R11/462	W17/462		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R12/462	W18/462		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R13/462	W19/462		19	58	19	58	0.0	0.0	19	58	19	58	0.0	0.0
R14/462	W20/462		18	57	18	57	0.0	0.0	18	57	18	57	0.0	0.0
John Rich House														
R1/470	W1/470		12	45	13	46	-8.3	-2.2	12	45	13	46	-8.3	-2.2
R2/470	W2/470		9	42	10	43	-11.1	-2.4	9	42	10	43	-11.1	-2.4
R3/470	W3/470		5	32	6	33	-20.0	-3.1	5	32	6	33	-20.0	-3.1
R4/470	W4/470		2	22	3	23	-50.0	-4.5						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R4/470	W6/470		0	18	1	19	-	-5.6						
R4/470	W7/470		0	18	1	19	-	-5.6	2	22	3	23	-50.0	-4.5
R5/470	W8/470		12	46	13	47	-8.3	-2.2						
R5/470	W9/470		12	44	13	45	-8.3	-2.3						
R5/470	W10/470		9	39	10	40	-11.1	-2.6						
R5/470	W11/470		9	39	10	40	-11.1	-2.6	12	47	13	48	-8.3	-2.1
R6/470	W12/470		14	49	15	50	-7.1	-2.0	14	49	15	50	-7.1	-2.0
R7/470	W13/470		14	49	15	50	-7.1	-2.0	14	49	15	50	-7.1	-2.0
R8/470	W14/470		15	51	15	51	0.0	0.0	15	51	15	51	0.0	0.0
R9/470	W15/470		29	87	28	86	3.4	1.1	29	87	28	86	3.4	1.1
R1/471	W1/471		13	48	13	48	0.0	0.0	13	48	13	48	0.0	0.0
R2/471	W2/471		12	47	12	47	0.0	0.0	12	47	12	47	0.0	0.0
R3/471	W3/471		6	40	6	40	0.0	0.0	6	40	6	40	0.0	0.0
R4/471	W4/471		2	24	3	25	-50.0	-4.2						
R4/471	W5/471		0	19	1	20	-	-5.3	2	24	3	25	-50.0	-4.2
R5/471	W6/471		0	0	0	0	-	-						
R5/471	W7/471		15	34	15	34	0.0	0.0	15	34	15	34	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R6/471	W8/471		12	46	13	47	-8.3	-2.2						
R6/471	W9/471		10	42	11	43	-10.0	-2.4	12	47	13	48	-8.3	-2.1
R7/471	W10/471		13	48	14	49	-7.7	-2.1	13	48	14	49	-7.7	-2.1
R8/471	W11/471		14	49	15	50	-7.1	-2.0	14	49	15	50	-7.1	-2.0
R9/471	W12/471		15	50	15	50	0.0	0.0	15	50	15	50	0.0	0.0
R10/471	W13/471		29	87	28	86	3.4	1.1	29	87	28	86	3.4	1.1
R1/472	W1/472		11	34	12	35	-9.1	-2.9	11	34	12	35	-9.1	-2.9
R2/472	W2/472		11	34	11	34	0.0	0.0	11	34	11	34	0.0	0.0
R3/472	W3/472		9	33	9	33	0.0	0.0	9	33	9	33	0.0	0.0
R4/472	W4/472		5	32	5	32	0.0	0.0						
R4/472	W5/472		1	28	1	28	0.0	0.0	5	32	5	32	0.0	0.0
R5/472	W6/472		0	0	0	0	-	-						
R5/472	W7/472		19	27	19	27	0.0	0.0	19	27	19	27	0.0	0.0
R6/472	W8/472		12	38	12	38	0.0	0.0						
R6/472	W9/472		11	38	11	38	0.0	0.0	12	39	12	39	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/472	W10/472		11	36	11	36	0.0	0.0	11	36	11	36	0.0	0.0
R8/472	W11/472		11	35	11	35	0.0	0.0	11	35	11	35	0.0	0.0
R9/472	W12/472		12	36	12	36	0.0	0.0	12	36	12	36	0.0	0.0
R10/472	W13/472		29	85	29	85	0.0	0.0	29	85	29	85	0.0	0.0

Russell House

R1/480	W1/480		11	44	12	45	-9.1	-2.3	11	44	12	45	-9.1	-2.3
R2/480	W2/480		9	41	9	41	0.0	0.0	9	41	9	41	0.0	0.0
R3/480	W3/480		5	30	5	30	0.0	0.0	5	30	5	30	0.0	0.0
R4/480	W4/480		2	20	2	20	0.0	0.0						
R4/480	W5/480		2	20	2	20	0.0	0.0						
R4/480	W6/480		0	15	0	15	-	0.0						
R4/480	W7/480		0	15	0	15	-	0.0	2	20	2	20	0.0	0.0
R5/480	W8/480		12	43	12	43	0.0	0.0						
R5/480	W9/480		12	43	12	43	0.0	0.0						
R5/480	W10/480		11	40	11	40	0.0	0.0						
R5/480	W11/480		11	41	11	41	0.0	0.0	12	44	12	44	0.0	0.0
R6/480	W12/480		15	46	15	46	0.0	0.0	15	46	15	46	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R7/480	W13/480		15	46	15	46	0.0	0.0	15	46	15	46	0.0	0.0
R8/480	W14/480		14	48	14	48	0.0	0.0	14	48	14	48	0.0	0.0
R1/481	W1/481		12	45	13	46	-8.3	-2.2	12	45	13	46	-8.3	-2.2
R2/481	W2/481		12	46	12	46	0.0	0.0	12	46	12	46	0.0	0.0
R3/481	W3/481		6	39	6	39	0.0	0.0	6	39	6	39	0.0	0.0
R4/481	W4/481		3	24	3	24	0.0	0.0						
R4/481	W5/481		1	20	1	20	0.0	0.0	3	25	3	25	0.0	0.0
R5/481	W6/481		0	0	0	0	-	-						
R5/481	W7/481		15	34	15	34	0.0	0.0	15	34	15	34	0.0	0.0
R6/481	W8/481		13	45	13	45	0.0	0.0						
R6/481	W9/481		11	42	11	42	0.0	0.0	13	46	13	46	0.0	0.0
R7/481	W10/481		14	48	14	48	0.0	0.0	14	48	14	48	0.0	0.0
R8/481	W11/481		15	48	15	48	0.0	0.0	15	48	15	48	0.0	0.0
R9/481	W12/481		15	48	15	48	0.0	0.0	15	48	15	48	0.0	0.0
R1/482	W1/482		10	30	10	30	0.0	0.0	10	30	10	30	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/482	W2/482		10	30	9	29	10.0	3.3	10	30	9	29	10.0	3.3
R3/482	W3/482		10	33	9	32	10.0	3.0	10	33	9	32	10.0	3.0
R4/482	W4/482		5	31	4	30	20.0	3.2						
R4/482	W5/482		2	28	1	27	50.0	3.6	5	31	4	30	20.0	3.2
R5/482	W6/482		0	0	0	0	-	-						
R5/482	W7/482		18	21	18	21	0.0	0.0	18	21	18	21	0.0	0.0
R6/482	W8/482		12	35	11	34	8.3	2.9						
R6/482	W9/482		11	35	10	34	9.1	2.9	12	36	11	35	8.3	2.8
R7/482	W10/482		10	30	9	29	10.0	3.3	10	30	9	29	10.0	3.3
R8/482	W11/482		8	27	8	27	0.0	0.0	8	27	8	27	0.0	0.0
R9/482	W12/482		8	27	8	27	0.0	0.0	8	27	8	27	0.0	0.0
51 Colham Road														
R3/491	W3/491		3	31	3	31	0.0	0.0	3	31	3	31	0.0	0.0
94 Pield Heath Road														
R5/500	W5/500		14	37	13	36	7.1	2.7						



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R5/500	W6/500		28	82	28	82	0.0	0.0						
R5/500	W7/500		28	78	28	78	0.0	0.0	29	88	28	87	3.4	1.1
R5/501	W5/501		14	37	14	37	0.0	0.0						
R5/501	W6/501		29	86	29	86	0.0	0.0						
R5/501	W7/501		29	84	29	84	0.0	0.0	29	91	29	91	0.0	0.0
R5/502	W5/502		14	47	14	47	0.0	0.0						
R5/502	W6/502		29	86	29	86	0.0	0.0						
R5/502	W7/502		29	87	29	87	0.0	0.0	29	93	29	93	0.0	0.0

Norlands, 1 Colham Green Road

R2/540	W1/540	ASSUMED_LIVING	5	29	5	30	0.0	-3.4						
R2/540	W4/540	ASSUMED_LIVING	15	49	15	50	0.0	-2.0	15	49	15	50	0.0	-2.0
R2/541	W1/541	ASSUMED_BEDROOM	7	29	7	30	0.0	-3.4						
R2/541	W3/541	ASSUMED_BEDROOM	15	42	15	43	0.0	-2.4	15	42	15	43	0.0	-2.4

Kaymar, Colham Green Road

R3/540	W5/540	ASSUMED_LIVING	15	51	15	51	0.0	0.0						
R3/540	W6/540	ASSUMED_LIVING	7	32	7	32	0.0	0.0	15	51	15	51	0.0	0.0
R3/541	W4/541	ASSUMED_BEDROOM	16	44	16	44	0.0	0.0						
R3/541	W5/541	ASSUMED_BEDROOM	20	58	20	58	0.0	0.0	20	58	20	58	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

The Nook, Colham Green Road

R3/560	W4/560		21	78	21	78	0.0	0.0	21	78	21	78	0.0	0.0
R4/560	W5/560		19	76	19	76	0.0	0.0	19	76	19	76	0.0	0.0
R2/561	W2/561		28	84	28	84	0.0	0.0	28	84	28	84	0.0	0.0
R3/561	W3/561		26	82	26	82	0.0	0.0	26	82	26	82	0.0	0.0

Isher, Colham Green Road

R2/570	W8/570		15	45	14	44	6.7	2.2	15	45	14	44	6.7	2.2
R2/571	W2/571		15	47	15	47	0.0	0.0	15	47	15	47	0.0	0.0

Ekam, Colham Green Road

R5/570	W19/570		16	51	15	50	6.3	2.0						
R5/570	W20/570		27	72	27	72	0.0	0.0	30	89	29	88	3.3	1.1
R6/570	W21/570		30	87	29	86	3.3	1.1						
R6/570	W22/570		27	83	27	83	0.0	0.0						
R6/570	W23/570		27	83	27	83	0.0	0.0						
R6/570	W24/570		30	87	29	86	3.3	1.1	30	87	29	86	3.3	1.1
R5/571	W5/571		16	47	16	47	0.0	0.0	16	47	16	47	0.0	0.0



SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

R6/571	W6/571		30	85	30	85	0.0	0.0	30	85	30	85	0.0	0.0
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R7/571	W7/571		30	85	30	85	0.0	0.0	30	85	30	85	0.0	0.0
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Colham Green House, Colham Green Road

R2/580	W4/580		3	17	3	17	0.0	0.0						
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R2/580	W5/580		20	57	20	57	0.0	0.0	21	58	21	58	0.0	0.0
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R3/581	W13/581		23	65	23	65	0.0	0.0	23	65	23	65	0.0	0.0
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R5/581	W15/581		24	66	24	66	0.0	0.0	24	66	24	66	0.0	0.0
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R2/582	W2/582		27	77	27	77	0.0	0.0	27	77	27	77	0.0	0.0
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11 Lavender Road

R5/1141	W5/1141		0	8	0	8	-	0.0						
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R5/1141	W6/1141		11	36	11	36	0.0	0.0	11	40	11	40	0.0	0.0
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R6/1141	W7/1141		11	33	11	33	0.0	0.0	11	33	11	33	0.0	0.0
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9 Lavender Road

R3/1130	W3/1130	CONSERVATORY	0	5	0	5	-	0.0						
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R3/1130	W4/1130	CONSERVATORY	12	47	12	47	0.0	0.0						
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SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
EXISTING VS PROPOSED SCHEME 08/03/22
P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R3/1130	W5/1130	CONSERVATORY	19	51	19	51	0.0	0.0	19	64	19	64	0.0	0.0
R6/1131	W7/1131		0	12	0	12	-	0.0						
R6/1131	W8/1131		14	45	14	45	0.0	0.0	14	49	14	49	0.0	0.0
18 Campion Close														
R3/2010	W12/2010		1	21	1	21	0.0	0.0						
R3/2010	W13/2010		4	29	4	29	0.0	0.0						
R3/2010	W14/2010		10	48	10	48	0.0	0.0	10	48	10	48	0.0	0.0
20 Campion Close														
R2/2010	W2/2010		3	39	3	39	0.0	0.0						
R2/2010	W3/2010		0	1	0	1	-	0.0						
R2/2010	W4/2010		0	13	0	13	-	0.0						
R2/2010	W5/2010		11	62	11	62	0.0	0.0						
R2/2010	W6/2010		16	69	16	69	0.0	0.0						
R2/2010	W7/2010		6	35	6	35	0.0	0.0						
R2/2010	W8/2010		8	45	8	45	0.0	0.0						
R2/2010	W9/2010		15	66	15	66	0.0	0.0						
R2/2010	W10/2010		4	41	4	41	0.0	0.0						
R2/2010	W11/2010		0	0	0	0	-	-	16	69	16	69	0.0	0.0
22 Campion Close														
R2/600	W2/600		10	47	10	47	0.0	0.0						



SUNLIGHT ANALYSIS

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APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/600	W3/600		2	11	2	11	0.0	0.0	10	47	10	47	0.0	0.0
136 Apple Tree Ave														
R1/1120	W1/1120		13	47	13	47	0.0	0.0						
R1/1120	W2/1120		14	48	14	48	0.0	0.0						
R1/1120	W3/1120		14	48	14	48	0.0	0.0	14	48	14	48	0.0	0.0
R2/1120	W4/1120		14	47	14	47	0.0	0.0						
R2/1120	W5/1120		13	47	13	47	0.0	0.0						
R2/1120	W6/1120		0	8	0	8	-	0.0	14	48	14	48	0.0	0.0
R4/1120	W9/1120		3	18	3	18	0.0	0.0						
R4/1120	W10/1120		8	25	8	25	0.0	0.0						
R4/1120	W11/1120		13	37	13	37	0.0	0.0	13	38	13	38	0.0	0.0
R1/1121	W1/1121		13	42	13	42	0.0	0.0	13	42	13	42	0.0	0.0
R2/1121	W2/1121		13	42	13	42	0.0	0.0	13	42	13	42	0.0	0.0
121 Apple Tree Avenue														
R1/1150	W1/1150		14	54	14	54	0.0	0.0						
R1/1150	W2/1150		16	56	16	55	0.0	1.8						
R1/1150	W3/1150		4	31	4	30	0.0	3.2	16	56	16	56	0.0	0.0
R1/1151	W1/1151		15	49	15	49	0.0	0.0	15	49	15	49	0.0	0.0

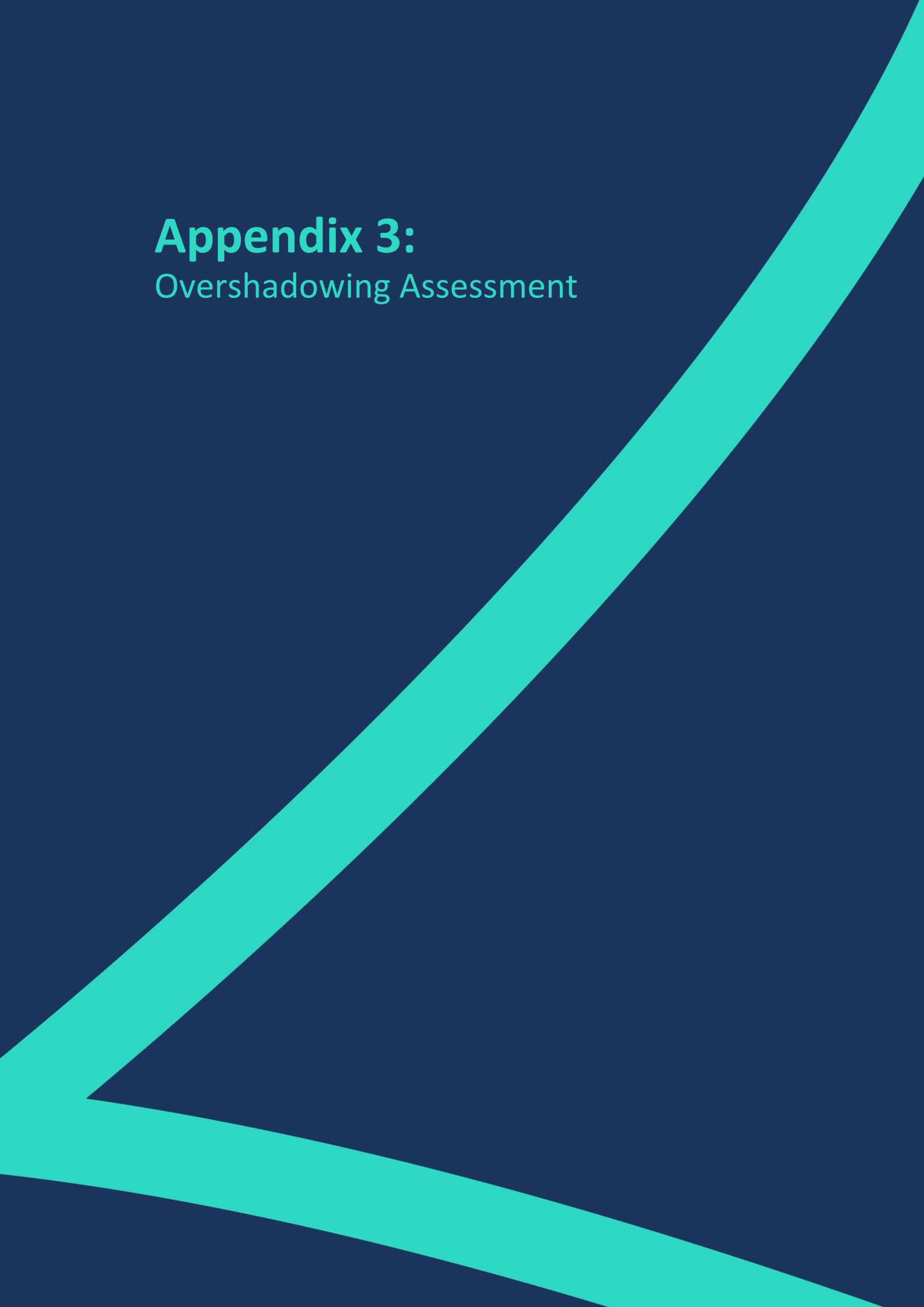


SUNLIGHT ANALYSIS

HILLINGDON HOSPITAL, LONDON
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P2384 - Rel9

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R2/1151	W2/1151		15	49	15	49	0.0	0.0	15	49	15	49	0.0	0.0
15 Bryony Close														
R2/680	W4/680	ESTIMATED_ROOM&WINDOWS	15	52	15	52	0.0	0.0						
R2/680	W5/680	ESTIMATED_ROOM&WINDOWS	10	44	10	44	0.0	0.0	16	53	16	53	0.0	0.0
R4/681	W5/681	ESTIMATED_ROOM&WINDOWS	14	43	14	43	0.0	0.0	14	43	14	43	0.0	0.0
14 Bryony Close														
R1/680	W1/680	ESTIMATED_ROOM&WINDOWS	23	78	23	78	0.0	0.0						
R1/680	W2/680	ESTIMATED_ROOM&WINDOWS	13	48	13	48	0.0	0.0						
R1/680	W3/680	ESTIMATED_ROOM&WINDOWS	10	44	10	44	0.0	0.0	23	78	23	78	0.0	0.0
R2/681	W2/681	ESTIMATED_ROOM&WINDOWS	0	9	0	9	-	0.0						
R2/681	W3/681	ESTIMATED_ROOM&WINDOWS	14	43	14	43	0.0	0.0	14	46	14	46	0.0	0.0
R3/681	W4/681	ESTIMATED_ROOM&WINDOWS	14	43	14	43	0.0	0.0	14	43	14	43	0.0	0.0



Appendix 3:

Overshadowing Assessment



Sources: Z-Mapping LTD 3D CAD Model of Site & Surroundings (received 18/03/20)		Key:		Project: Hillingdon Hospital Middlesex		Title: BRE 2hr Sunlight Test Proposed Scheme 08/03/22	
IBI Group Proposed Scheme Info (received 08/03/22) THHR_01-IBI-WB-ZZ-M3-A-0005_Externals.dwg THHR_02-IBI-WB-ZZ-M3-A-0003_MSCP.dwg		Area analysed Area with more than 2 hours of direct sunlight Area with less than 2 hours of direct sunlight 50% Percentage of area with more than 2 hours of direct sunlight					
Scheme Confirmed:		Date:		Drawn By:		Date:	
-		-		KD		Mar 22	
				Scale:		Dwg No:	
				NTS		P2384/SHA/01	
						Rel:	
						10	

