



## DAYLIGHT & SUNLIGHT

IMPACT ON NEIGHBOURING  
PROPERTIES REPORT:  
APPENDICES

**Central Mental Hospital,  
Dundrum, Dublin**

Land Development Agency

**15 February 2022**

GIA No: **17967**

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APPENDIX 01  
**ASSUMPTIONS**

# APPENDIX 01 ASSUMPTIONS

01

- A1.1 The context model has been produced using our VU.CITY platform. GIA have extracted the required area, creating a 3D model with an overall building tolerance of up to 150mm. The relevant windows have been added to the VU.CITY model from site photographs, observations and brick counting.

06

- A1.6 GIA have discounted rooms that appear to be or are confirmed to be bathrooms, hallways, circulation space etc. These rooms are not considered to be habitable and thus do not require assessment in accordance with the BRE Guidelines.

02

- A1.2 GIA have sought to create the most accurate 3D model possible based on the data available, however, a degree of tolerance should be applied.

03

- A1.3 The scope of buildings assessed has been determined as a reasonable zone which considers both the scale of the proposed scheme and the proximity of those buildings which surround and face the site. There may be properties outside of the considered scope that are affected by the scheme, however, no significant effects are anticipated.

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04

- A1.4 Where GIA have not been able to source detailed internal floor-plans reasonable assumptions as to the internal layouts of the rooms behind the fenestration have been made. This is normal practice where access to adjoining properties is undesirable in terms of development confidentiality. Unless the building form dictates otherwise, we assume a standard 4.2m deep room (14ft) for residential properties.

05

- A1.5 Floor levels have been assumed for adjoining properties as access has not been obtained. This dictates the level of the working plane which is the point at which the No Sky Line assessments are carried out.

APPENDIX 02  
**PRINCIPLES OF DAYLIGHT, SUNLIGHT  
& OVERSHADOWING**

## APPENDIX 02 PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADING

The Building Research Establishment (BRE) have set out in their handbook 'Site Layout Planning for Daylight & Sunlight: A Guide to Good Practice 2nd edition (2011)', guidelines and methodology for the measurement and assessment of daylight and sunlight.

### BACKGROUND & CONTEXT

- A 2.1 The quality of amenity and open spaces is often stipulated within planning policy for protection or enhancement and is often a concern for adjoining owners and other interested parties.
- A 2.2 The BRE Guidelines provide advice on site layout planning to determine the quality of Daylight and Sunlight within open spaces between buildings.
- A 2.3 The BRE Guidelines note that the document is intended to be used in conjunction with the interior Daylight recommendations found within the British Standard BS8206-2:2008 and The Applications Manual on Window Design of the Chartered Institution of Building Services Engineers (CIBSE).
- A 2.4 The BRE Guidelines are typically referred to for daylight and sunlight amenity issues, however, they were not intended to be used as an instrument of planning policy, nor were the figures intended to be fixedly applied to all locations.
- A 2.5 In the introduction of 'Site Layout Planning for Daylight and Sunlight (2011)', section 1.6 (page 1), states that:-  
*"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design (see Section 5). In special circumstances the developer or Planning Authority may wish to use different target values. For example, in an historic 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"*<sup>1</sup>
- A 2.6 Paragraph 2.2.3 (page 7) of the document states:-  
*"Note that numerical values given here are purely advisory. Different criteria may be used, based on the requirements for daylighting in an area viewed against other site layout constraints"*<sup>2</sup>
- A 2.7 The numerical criteria suggested by the BRE are therefore designed to provide industry advice/guidance to plan/design with daylight in mind. Alternative values may be appropriate in certain circumstances such as highly dense urban areas around London. The BRE approach to creating alternative criteria is detailed within Appendix F of the Document.
- A 2.8 The BRE Guidelines state that they are;  
*"intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed."*<sup>3</sup>
- A 2.9 They are therefore primarily designed to be used for residential properties however, the BRE Guidelines continue to state that they may be applied to any existing non-residential buildings where there may be a reasonable expectation of daylight including; schools, hospitals, hostels, small workshop and some offices.
- A 2.10 It is important to note, however, that this document is a guide and states that its aim *"is to help rather than constrain the designer"*<sup>4</sup>.
- A 2.11 The document provides advice, but also clearly states that *"it is purely advisory and the numerical target values within it may be varied to meet the needs of the development and its location."*<sup>5</sup>
- A 2.12 Many Local Planning Authorities consider daylight and sunlight an important factor for determining planning applications. Policies refer to both the protection of daylight and sunlight amenity within existing properties as well as the creation of proposed dwellings with high levels of daylight and sunlight amenity.
- A 2.13 In terms of considering what is a material deterioration in light, Local Authorities typically refer to the BRE Guide. Although Local Authorities will look to the BRE Guide to understand impacts it is their Planning Policies that will determine whether the changes in light should be a reason for refusal at planning.
- A 2.14 It is an inevitable consequence of the built up urban environment that Daylight and Sunlight will be more limited in dense urban areas. It is well acknowledged

that in such situations there may be many other conflicting and potentially more important planning and urban design matters to consider other than just the provision of ideal levels of Daylight and Sunlight.

- A 2.15 The following sections extract relevant sections from the Guide.

### DAYLIGHT

- A 2.16 The BRE Guidelines provide three methodologies for daylight assessment, namely;
- 1 The Vertical Sky Component (VSC);
  - 2 The No Sky Line (NSL); and
  - 3 The Average Daylight Factor (ADF).

### Vertical Sky Component (VSC)

- A 2.17 The Vertical Sky Component (VSC) method is described in the BRE Guidelines as the;  
*"Ratio of that part of illuminance, at a point on a given vertical plane, that is received directly from a CIE standard overcast sky, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Usually the 'given vertical plane' is the outside of a window wall."*

*The VSC does not include reflected light, either from the ground or from other buildings"<sup>6</sup>*

- A 2.18 Put simply, the VSC provides an assessment of the amount of skylight falling on a vertical plane (generally a window) directly from the sky, in the circumstance of an overcast sky (CIE standard).

- A 2.19 The national numerical value target "ideal" for VSC is 27%. The BRE Guidelines advise that upon implementation of a development, a window should retain a VSC value of 27% or at least 0.8 of its former value (i.e. no more than a 20% change).<sup>7</sup>

- A 2.20 This form of assessment does not take account of window size, room use, room size, window number or dual aspect rooms. The assessment also assumes that all obstructions to the sky are 100% non-reflective.

- A 2.21 The VSC calculation has been undertaken in both the existing and proposed scenarios so as to make a comparison.

- A 2.22 The image in Figure 01 depicts a waldram diagram which is used to calculate the VSC. The existing buildings are solidly pictured with the proposed scheme semi-transparent in the foreground.

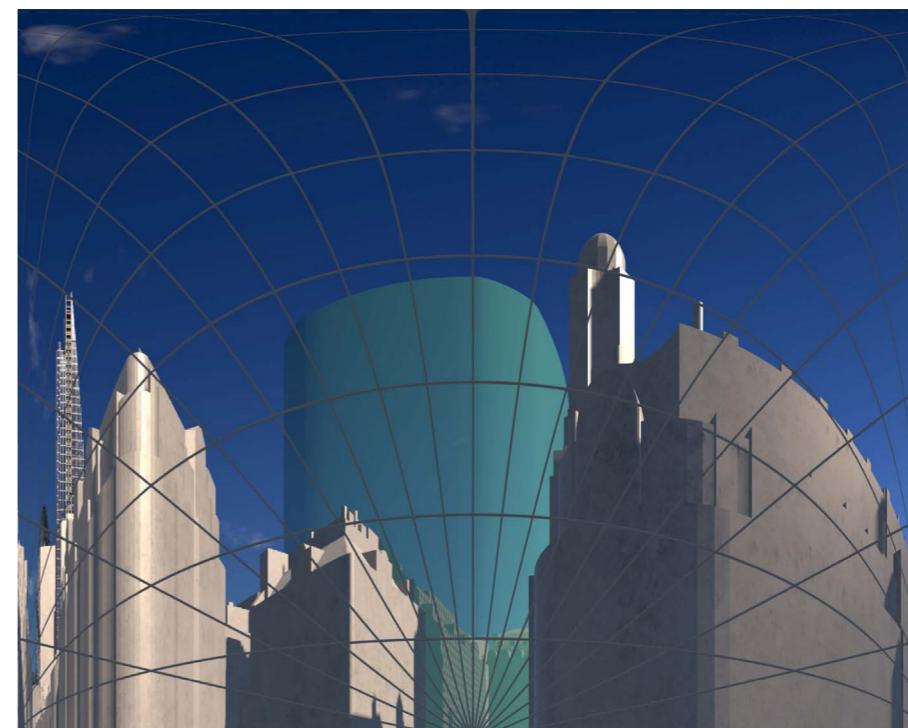


Figure 01: Waldram diagram

### No Sky Line (NSL)

A.2.23 The BRE recommends the No Sky Line (NSL) method where internal layouts are known.

A.2.24 The No Sky Line (NSL) method is described as "the outline on the working plane of the area from which no sky can be seen."<sup>8</sup>

A.2.25 In summary, the NSL calculation assesses where the sky can and cannot be seen from inside a room at the working plane, "in houses the working plane is assumed to be horizontal and 0.85m high".<sup>9</sup>

A.2.26 The change in position of the NSL between the existing and proposed scenario is then calculated. This change can be illustrated on a contour plot, an example of which can be found in Figure 02.

A.2.27 The BRE Guidelines state at paragraph 2.2.9 that;

*"If, following construction of a new development, the no sky line moves so that the area of the existing room, which does receive direct skylight, is reduced to less than 0.8 times its former value this will be noticeable to the occupants,*

*and more of the room will appear poorly lit. This is also true if the no sky line encroaches on key areas like kitchen sinks and worktops."<sup>10</sup>*

A.2.28 If the NSL experiences more than a 20% change from the existing situation then, in accordance with the strict application of the national numerical values, the change in daylight would be noticeable to the occupants.

A.2.29 This assessment takes the number and size of windows serving a room into account however, there is no qualitative assessment of the light in the room, only where sky can or cannot be seen.



Figure 02: Example NSL diagram

### Decision Chart (Figure 20 of the BRE Guide)

A.2.30 The flowchart in Figure 03 illustrates the steps and criteria outlined within the BRE Guidelines to understand whether the daylighting (VSC and NSL) may be significantly affected.

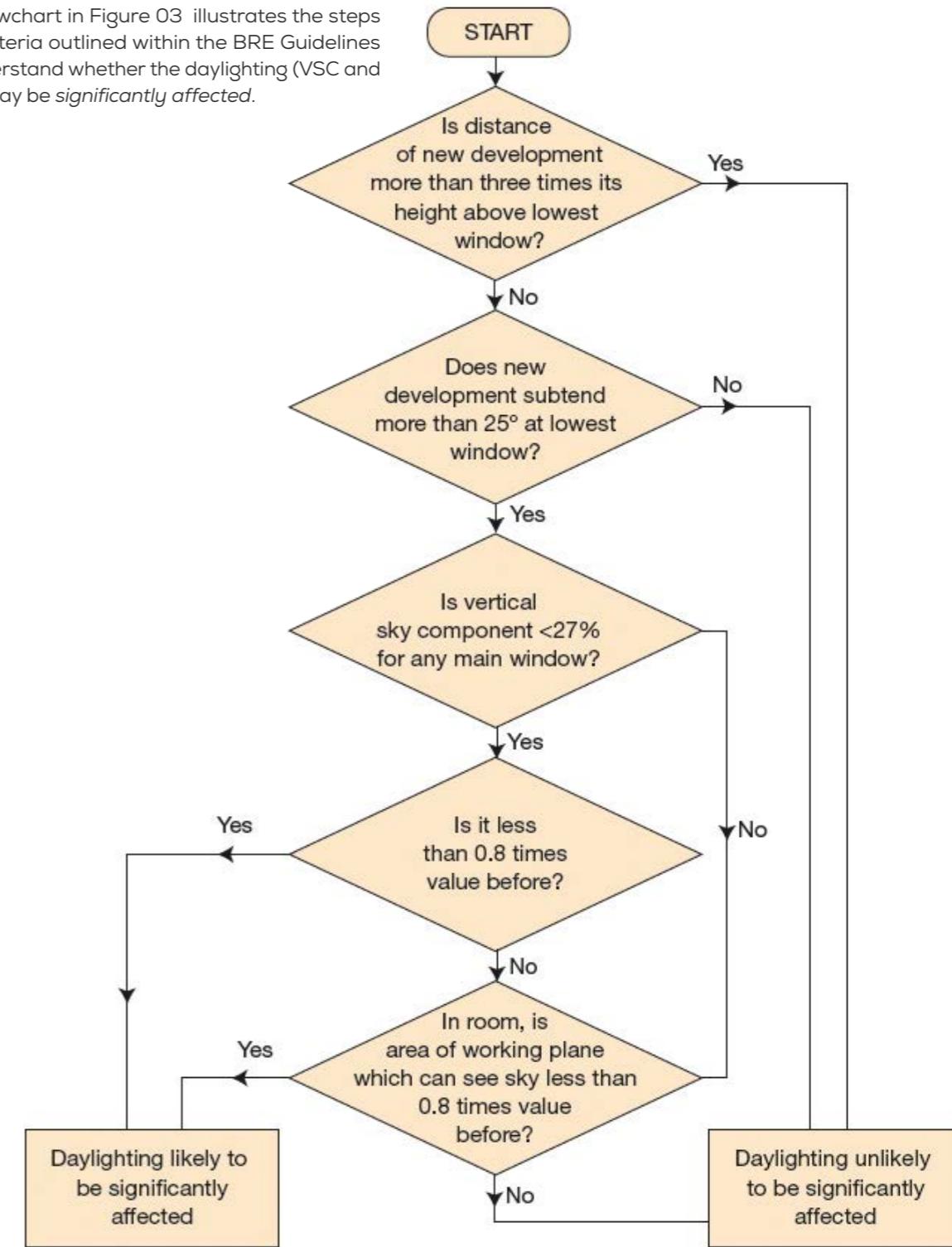


Figure 03: BRE Decision Chart (Figure 20): diffuse daylight in existing buildings. This does not include an assessment of rights to light issues, which a developer may need to consider separately

## Average Daylight Factor (ADF)

A 2.31 The Average Daylight Factor (ADF) is defined within the 2011 BRE Guidelines as the 'ratio of total daylight flux incident on the working plane to the area of the working plane, expressed as a percentage of the outdoor illuminance on a horizontal plane due to an unobstructed CIE standard overcast sky. Thus a 1% ADF would mean that the average indoor illuminance would be one hundredth the outdoor unobstructed illuminance'.<sup>11</sup>

A 2.32 This calculation considers not only the amount of skylight falling on the vertical face of the window, but also the glazing size, transmittance value, average reflectance, room area and room use. It is therefore a more detailed analysis of the daylight levels within a room.

A 2.33 British Standard 8206-2 quotes a number of recommended ADF levels based on room use. The ADF criteria is the prescribed methodology for evaluating the Daylight within proposed accommodation and the values referenced by the BRE Guidelines can be found in the British Standard document BS8206 Part II. The values for those rooms that are most relevant for our assessments are:

- Bedrooms 1% ADF
- Living rooms 1.5% ADF
- Kitchens 2% ADF<sup>12</sup>

A 2.34 Where one room serves more than one purpose, the minimum ADF should be that for the room type with the highest value.

A 2.35 As per the British Standard Lighting for buildings - Part 2: Code of practice for daylighting the ADF value should be 5%+ for a well daylit space:

*"Where a predominantly daylit appearance is wanted, the criteria given in 5.5.2 and 5.5.3 should be adopted. The average daylight factor... is used as the measure of general illumination from skylight."*

*5.5.2 If electric is not normally to be used during daytime, the average daylight factor should not be less than 5%*

*5.5.3 If electric lighting is to be used throughout daytime, the average daylight factor should not be less than 2%.."<sup>13</sup>*

A 2.36 Appendix F of the BRE guidance states that, though not being generally recommended, the use of the ADF for loss of light to existing buildings can be appropriate in some situations:

- where the existing building is one of a series of new buildings that are being built one after another;
- where the existing building is proposed (i.e. consented) but not built;
- where the developer of the new building also owns the existing nearby building and proposes to carry out improvements to the existing building;
- where the developer also owns the existing nearby building and the affected rooms are either unoccupied or would be occupied by different people following construction of the new building.<sup>14</sup>

## SUNLIGHT

### Annual Probable Sunlight Hours (APSH)

A 2.37 The BRE Guidance suggests that to understand sunlight impacts to a property an assessment

A 2.38 of Annual Probable Sunlight Hours (APSH) is undertaken. The APSH is defined as:

*"the long-term average of the total number of hours during a year in which direct sunlight reaches the unobstructed ground (when clouds are taken into account)"<sup>15</sup>*

A 2.39 In interpreting the results, the BRE Guidance states that the Sunlight to a window may be adversely affected if a point at the centre of a window:

- receives less than 25% of annual probable sunlight hours, or less than 5% of annual probable sunlight hours between 21 September and 21 March, and
- receives less than 0.8 times its former sunlight hours during either period, and
- has a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.<sup>16</sup>

A 2.40 To understand the potential sunlight impacts therefore, all windows facing within 90 degrees of due south and overlooking the development have been assessed for APSH.

A 2.41 The image in Figure 04 depicts the APSH sun spots on a waldrum diagram. The existing buildings are solidly pictured with the proposed scheme semi-transparent in the foreground. The yellow spots indicate summer sun and the blue spots indicate winter sun.

A 2.42 The number of sun spots is calculated for both the whole year and during the winter period (21 September to 21 March), prior to an obstruction and after the obstruction is put in place. This provides a percentage of APSH for each of the time periods for each window assessed.

A 2.43 The BRE Guidelines note that:

*"all main living rooms of dwellings...should be checked if they have a window facing within 90° of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun: and*

*"If the main living room to a dwelling has a main window facing within 90° of due north, but a secondary window facing within 90° of due south, sunlight to the secondary window should be checked."<sup>17</sup>*

A 2.44 The BRE Guidelines set out the overall methodology and criteria for the assessment of Sunlight in

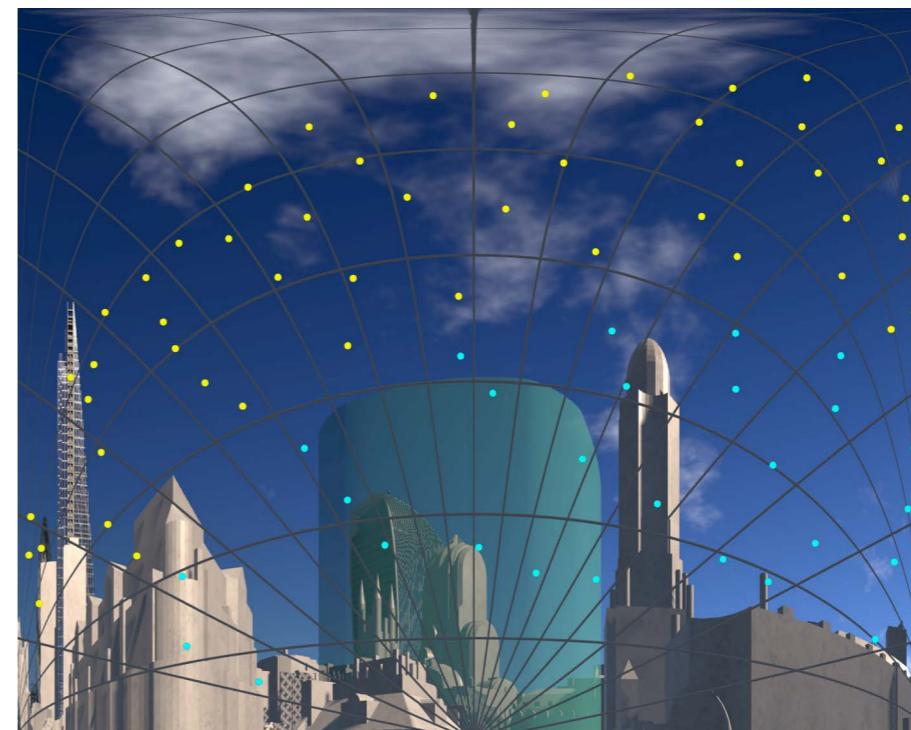


Figure 04: Waldrum diagram

Chapter 3. The BRE Guidelines state:

*"To assess loss of sunlight to an existing building, it is suggested 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 too much sun.*

*A point at the centre of the window on the outside face of the window wall may be taken.*

*If this window reference point can receive more than one quarter of Annual Probable Sunlight Hours [25%], including at least 5% of APSH in the winter months between 21 September and 21 March, then the room should still receive enough sunlight.*

*Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount above and less than 0.8 times their former value, either over the whole year or just during the winter months (21 September - 21 March), then the occupants of the existing building will notice the loss of sunlight; if the overall annual loss is greater than 4% of APSH, the room may appear colder and less cheerful and pleasant."<sup>18</sup>*

## OVERSHADING

A 2.45 The BRE guidance in respect of overshadowing of amenity spaces is set out in section 3.3 of the handbook. Here it states as follows:

*"Good site layout planning for daylight and sunlight should not limit itself to providing good natural lighting inside buildings. Sunlight in the spaces between buildings has an important impact on the overall appearance and ambience of a development. It is valuable for a number of reasons:*

- To provide attractive sunlit views (all year)
- To make outdoor activities, like sitting out and children's play more pleasant (mainly during the warmer months)
- To encourage plant growth (mainly in spring and summer)
- To dry out the ground, reducing moss and slime (mainly during the colder months)
- To melt frost, ice and snow (in winter)
- To dry clothes (all year)<sup>19</sup>

A 2.46 It must be acknowledged that in urban areas the availability of sunlight on the ground is a factor which is significantly controlled by the existing urban fabric around the site in question and so may have very little to do with the form of the development itself. Likewise, there may be many other urban design, planning and site constraints which determine and run contrary to the best form, siting and location of a proposed development in terms of availability of sun on the ground.

## Sun Hours on Ground & Transient Overshadowing

A 2.47 The Sun Hours on Ground (SHOG) method of overshadowing assessment uses a simulation software to determine the areas which receive direct Sunlight and those which do not.

A 2.48 The BRE Guidelines suggest that the Spring Equinox (21 March) is a suitable date for the assessment as this is the midpoint of the sun's position throughout the year. Using specialist software, the path of the sun is tracked to determine where the sun would reach the ground and where it would not.

*"It is recommended that for it [an amenity space] to appear adequately sunlit throughout the year at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive two 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."<sup>20</sup>*

A 2.49 The Transient Overshadowing study is recommended where large buildings are proposed which may affect a number of gardens or open spaces. For the purpose of this assessment, the shadow is mapped at hourly intervals (from sun rise to sun set) on the following dates:

- 21 March (Spring equinox)
- 21 June (Summer solstice)
- 21 December (Winter solstice)

A 2.50 The September equinox is not assessed as this would provide the same results as those for 21 March.

A 2.51 The BRE guidelines do not provide any criteria for Transient Overshadowing.

## BRE GUIDELINES: ADDITIONAL DAYLIGHT AND SUNLIGHT TESTS

### Daylight - VSC and APSH to Rooms

A 2.52 As outlined within the BRE Guidelines the VSC value is calculated for each window; however -

*"If a room has two or more windows of equal size, the mean of their VSC's may be taken".<sup>21</sup>*

A 2.53 Although not strictly in accordance with the BRE methodology, where a room is served by two or more windows of the same or different sizes, the VSC value to the room can be calculated by applying an average weighting calculation to understand the VSC value to the room. The formula used is as follows;

$$\Sigma(Vn \cdot An) / \Sigma An$$

Where:

V = window VSC

A = window area

n = the number of windows

A 2.54 The BRE provide a methodology to calculate APSH in relation to the room and window.

*"If a room has multiple windows on the same walls or adjacent walls, the highest value of APSH should be taken. If a room has two windows on opposite walls, the APSH due to each can be added together."<sup>22</sup>*

A 2.55 The above extract of the BRE is in relation to proposed units rather than existing buildings. It does, however, make sense to apply this methodology to existing rooms. A room served by multiple windows could receive the benefit of Sunlight entering from all of them and not just one.

A 2.56 GIA calculate the APSH room assessment in the following way:

- 1 The sunlight hours (both winter and annual) are calculated for each window. Instead of simply returning the overall per cent pass rate, i.e. one figure for winter, and one for the whole year, the yes/no result of each of the 100 sun spots is tracked. For this accounting to work, each sun dot needs to be assigned a unique identifier, e.g. from 1 to 100;

2 The sets of 100 sun spots are combined for each room using Boolean logic, i.e. conjunctions of yes/no values. The outcome of this step is a set of 100 yes/no values corresponding to the 100 sun spots, but on a per-room basis. Each per-room dot is counted if it is unobstructed for at least one of its windows; and

3 The unobstructed sun dots for the room are summed up and expressed as a percentage of the total number of annual and winter spots. This returns the per-room pass rate consistent with Section 3.1.10 of BR 209.

### Balconies/Overhangs

A 2.57 The BRE recognises that existing architectural features on neighbouring buildings such as balconies and overhangs inherently restrict the quantum of skylight to a window. The BRE Guidelines note on page 5, paragraph 2.1.17 and page 8, paragraph 2.2.11:

*"This is a particular problem if there are large obstructions opposite; with the combined effect of the overhang and the obstruction, it may be impossible to see the sky from inside the room, and hence to receive any direct skylight or sunlight at all."*

*"Existing windows with balconies above them typically receive less daylight. Because the balcony cuts out light from the top part of the sky, even a modest obstruction opposite may result in a large relative impact on the VSC, and on the area receiving direct skylight. One way to demonstrate this would be to carry out an additional calculation of the VSC and the area receiving direct skylight, for both the existing and proposed situations, without the balcony in place."<sup>23</sup>*

A 2.58 As noted by the BRE Guidelines, where there are existing overhanging features larger reductions in skylight and sunlight may be unavoidable and alternative criteria can be used. The guidance suggests that in such situations a calculation is carried out that excludes the balcony or the obstruction.

## DAYLIGHT - MIRROR MASSING & ADJOINING DEVELOPMENT LAND

### Alternative target Values for Skylight and Sunlight Access "Mirror Massing"

A.2.59 The BRE Guidelines provide a calculation for the VSC and APSH analysis to quantify an appropriate alternative value based on the context of an environment. This approach is known as the 'mirror image' analysis (see Figure 05).

A.2.60 The BRE notes:

*"where an existing building has windows that are unusually close to the site boundary and taking more than their fair share of light. Figure 3 shows an example where side windows of an existing building are close to the boundary. To ensure that new development matches the height and proportions of existing buildings, the VSC and APSH targets for these windows could be set to those for a 'mirror-image' building of the same height and size, an equal distance away on the other side of the boundary."<sup>24</sup>*

A.2.61 This analysis is used to understand the levels of Daylight (VSC) and Sunlight (APSH) that would be experienced by an extant neighbouring property if there were a building of the same height and extent opposite.

A.2.62 The mirror image assessment is fairly simplistic and is not, therefore, easily applied to large and complex site footprints which are not all built at equal distances from the site boundary or of the same footprint.

### Adjoining Development Land

A.2.63 The "Adjoining Development Land" analysis provided within the BRE Guidelines is a simple test to ensure that a proposal is a reasonable distance from the boundary so as to "enable future nearby developments to enjoy a similar access to daylight."

A.2.64 The BRE comments that:

*"The diffuse daylight coming over the boundary may be quantified in the following way. As a first check, draw a section in a plane perpendicular to the boundary (Figure 21). If a road separates the two sites then the centre line of the road should*

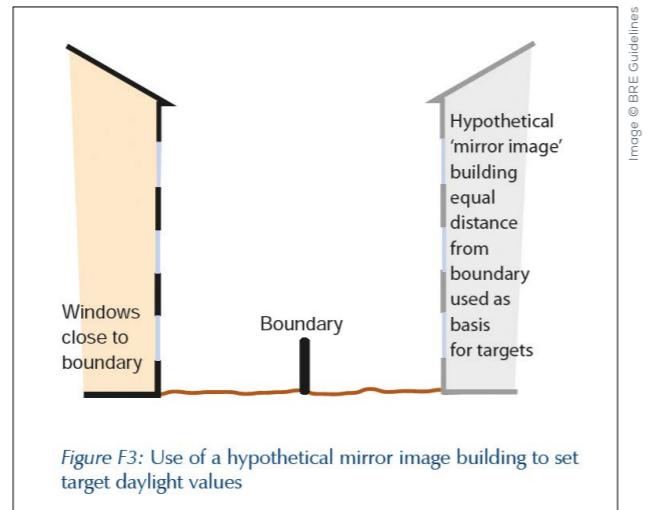


Figure F3: Use of a hypothetical mirror image building to set target daylight values

Figure 05: Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 64 Figure F3

be taken. Measure the angle to the horizontal subtended at a point 1.6 m. above the boundary by the proposed new buildings. If this angle is less than 43° then there will normally still be the potential for good daylighting on the adjoining development site (but see Sections 2.3.6 and 2.3.7).<sup>25</sup>

*"The guidelines above should not be applied too rigidly. A particularly important exception occurs when the two sites are very unequal in size and the proposed new building is larger in scale than the likely future development nearby. This is because the numerical values above are derived by assuming the future development will be exactly the same size as the proposed new building (Figure 22). If the adjoining sites for development are a lot smaller, a better approach is to make a rough prediction of where the nearest window wall of the future development may be; then to carry out the 'new building' analysis in Section 2.1 for this window wall."<sup>26</sup>*

*"The 43° angle should not be used as a form generator, to produce a building which slopes or steps down towards the boundary. Compare Figure 23 with Figure 22 to see how this can result in a higher than anticipated obstruction to daylight. In Figure 23 the proposed building subtends 34° at its mirror image, rather than the maximum of 25° suggested here. In cases of doubt, the best approach is again to carry out a new building analysis for the most likely location of a window wall of a future development."<sup>27</sup>*

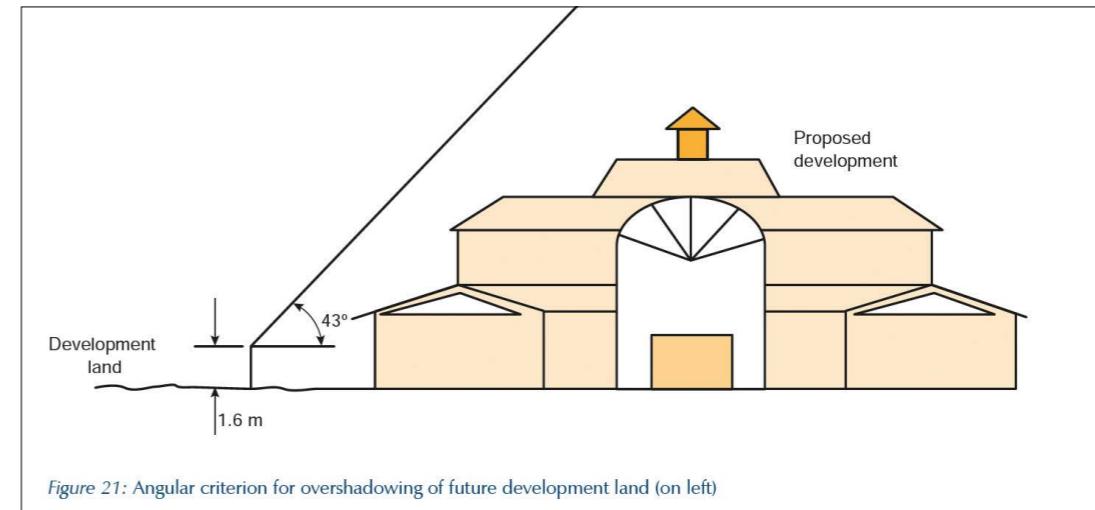


Figure 21: Angular criterion for overshadowing of future development land (on left)

Figure 06: Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 11 Figure F21

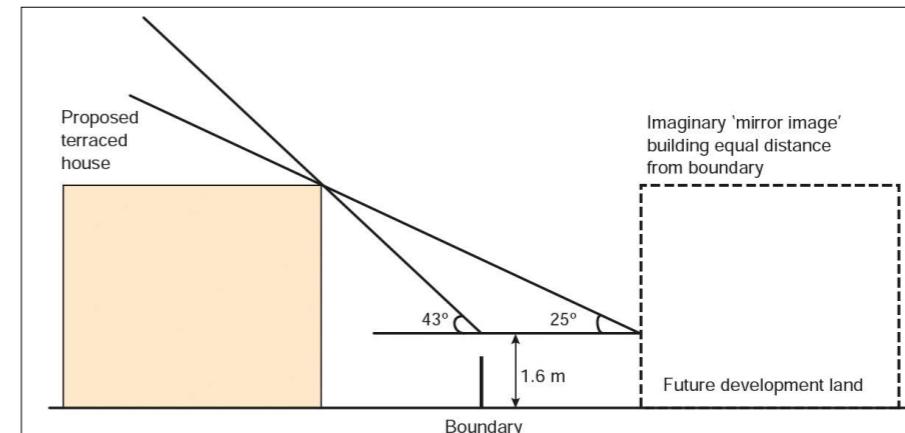


Figure 22: Derivation of an angular boundary criterion to safeguard future development of adjoining land

Figure 07: Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 12 Figure 22

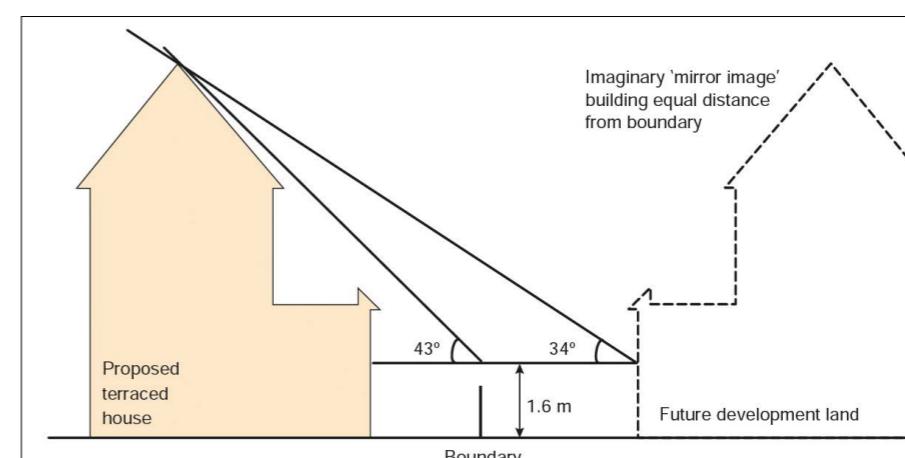


Figure 23: Problems with the boundary criterion can occur when a stepped façade overlooks adjoining land

Figure 08: Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: HIS BRE Press p 12 Figure 23

A.2.65 As is outlined above the Adjoining Development Land analysis is predicated on ensuring that a proposal next to future development land is not negatively impacting the ability to develop in consideration of light matters.

#### Other Amenity Considerations

A.2.66 Daylight and sunlight is one factor among many under the heading of residential amenity considerations for any given development design or planning application; others include:

- outlook;
- sense of enclosure;
- privacy;
- access to outdoor space e.g. balconies or communal garden/courtyard.

#### CONTEXT METHODOLOGY

A.2.67 In May 2019 the British Standard (BS8206-2:2008) was superseded by the new European Standard on daylight "BS EN 17037:2018 Daylight in buildings" but this standard is only applicable for assessing the levels of light within proposed developments. Until and unless it is revised, therefore, BR209 remains the basis for assessing impacts to neighbours and the new European Standard is not relevant for this report.

#### ENDNOTES

- 1 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 1, paragraph 1.6
- 2 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.3
- 3 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7 paragraph 2.2.2
- 4 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 1, paragraph 1.6
- 5 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page v
- 6 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii
- 7 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.7
- 8 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii
- 9 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.8
- 10 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 8, paragraph 2.2.9
- 11 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii
- 12 British Standard 8206-2:2008, page 9, paragraph 5.6
- 13 British Standard 8206-2:2008, page 9, paragraph 5.5
- 14 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 64, paragraph F8
- 15 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii
- 16 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 17, paragraph 3.2.11
- 17 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16 paragraph 3.2.3 and paragraph 3.2.4
- 18 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16 paragraph 3.2.3, paragraph 3.2.4 and 3.2.5 and page 17 paragraph 3.2.6
- 19 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 18, paragraph 3.3.1
- 20 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 20, paragraph 3.3.17
- 21 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.6
- 22 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16, paragraph 3.1.12
- 23 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 5, paragraph 2.1.17 and page 8, paragraph 2.2.11
- 24 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 62, paragraph F5
- 25 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11, paragraph 2.3.3
- 26 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11, paragraph 2.3.6
- 27 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11 paragraph 2.3.7

APPENDIX 03  
**DRAWINGS**

## EXISTING

## SOURCES OF INFORMATION

1B04 - VULCITY  
MOE  
RECEIVED 19/03/2021  
IRIS - TPA  
SITE DOCUMENTATION  
RECEIVED 01/12/2021  
-JRD - REDDY ARCHITECTS  
PROPOSED MODEL  
RECEIVED 09/12/2021  
-JR20 - REDDY ARCHITECTS  
PROPOSED MODEL  
RECEIVED 12/01/2022

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NOTES:  
EXISTING SCENARIO SHOWN IN SEPARATE  
ALL HEIGHTS AND DIMENSIONS GIVEN IN m AOD

N.B. DO NOT SCALE OFF THIS DRAWING

PROJECT:  
CENTRAL MENTAL HOSPITAL  
DUBLIN

DRAWING NAME:  
PLAN VIEW EXISTING

REV No.  
10/01/22  
A

DWG No.  
179567  
05  
01



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Dublin D02 XEB0  
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www.gia.uk.com



## SOURCES OF INFORMATION

1B04 - VULCITY  
MOE  
RECEIVED 19/03/2021  
IRIS - TPA  
SITE DOCUMENTATION  
RECEIVED 01/12/2021  
-JRD - REDDY ARCHITECTS  
PROPOSED MODEL  
RECEIVED 09/12/2021  
-JR20 - REDDY ARCHITECTS  
PROPOSED MODEL  
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ALL HEIGHTS AND DIMENSIONS GIVEN IN m AOD

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DUBLIN

DRAWING NAME:  
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VIEW NORTH+WEST

REV No.  
10/01/22  
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DWG No.  
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SCALE NTS

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SOURCES OF INFORMATION	
- IR04 - VUCITY MODEL	RECEIVED 19.03.2021
- IRIS - TPA SITE DOCUMENTATION	RECEIVED 01.12.2021
- IR16 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 02.12.2021
- IR17 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 08.12.2021
- IR20 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 12.01.2022



## APPENDIX 03 **DRAWINGS:**

# PROPOSED (SHD)

**gia**  
CHARTERED SURVEYORS

## SOURCES OF INFORMATION

IR04 - VULCITY  
MODE: SITE DOCUMENTATION  
RECEIVED 19/03/2021  
IRIS - TBA

IR07 - REDDY ARCHITECTS  
PROPOSED MODEL  
RECEIVED 09/12/2021

IR20 - REDDY ARCHITECTS  
PROPOSED MODEL  
RECEIVED 12/01/2022

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## SOURCES OF INFORMATION

IR04 - VULCITY  
MODE: SITE DOCUMENTATION  
RECEIVED 19/03/2021  
IRIS - TBA

IR07 - REDDY ARCHITECTS  
PROPOSED MODEL  
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IR20 - REDDY ARCHITECTS  
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## APPENDIX 03 **DRAWINGS:**

## CUMULATIVE (SHD + S.34)

## SOURCES OF INFORMATION

1B04 - VULCITY  
MODELRECEIVED 19/03/2021  
IRIS - TBA  
SITE DOCUMENTATIONRECEIVED 01/12/2021  
JRD - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 09/12/2021  
JRD - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 02/12/2021  
JR20 - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 12/01/2022  
RECEIVED 12/01/2022

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DUBLIN

DRAWING NAME:  
PLAN VIEW PROPOSED

PROPOSED MASTERPLAN

DRAWN BY EFT  
REF. NO. L0000003  
PROJ. NO. 101967  
REL. NO. 05  
DATE XX/XX/2022  
REV. NO. A  
DWG. NO. 04

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## SOURCES OF INFORMATION

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MODELRECEIVED 19/03/2021  
IRIS - TBA  
SITE DOCUMENTATIONRECEIVED 01/12/2021  
JRD - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 09/12/2021  
JRD - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 02/12/2021  
JR20 - REDDY ARCHITECTS  
PROPOSED MODELRECEIVED 12/01/2022  
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DUBLIN

DRAWING NAME:  
3D VIEW PROPOSED  
VIEW NORTH+WEST

PROPOSED MASTERPLAN

DRAWN BY EFT  
REF. NTS  
PROJ. NO. L0000003  
REL. NO. 05  
DATE XX/XX/2022  
REV. NO. A  
DWG. NO. 05

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SOURCES OF INFORMATION					
- IR04 - VUCITY MODEL	RECEIVED 19/03/2021				
- IR15 - TPA SITE DOCUMENTATION PROPOSED MODEL	RECEIVED 01/12/2021				
- IR16 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 01/12/2021				
- IR17 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 01/12/2021				
- IR20 - REDDY ARCHITECTS PROPOSED MODEL	RECEIVED 12/01/2022				
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PROJECT: <b>CENTRAL MENTAL HOSPITAL DUBLIN</b>					
DRAWING NAME: 3D VIEW PROPOSED VIEW: SOUTH-EAST					
PROPOSED MASTERPLAN					
DWN BY	SCALE	CHK BY	DATE	REV NO.	
ET	NIS	XX	10/01/22	A	
PROJ No.	REF No.	ADDR No.	IS No.	DWG No.	
17987	05	-	02	06	



## APPENDIX 04 **RESULTS**

## EXISTING V PROPOSED

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
<b>P DUNDREUM ROAD</b>														
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	32.3	30.6	1.7	5.3%	45	15	44	15	2.2%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	32.7	30.1	2.6	8.0%	40	12	38	12	5.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	32.7	30.4	2.3	7.0%	43	15	40	15	7.0%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
<b>F DUNDREUM ROAD</b>														
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	26.1	22.5	3.6	13.8%	35	12	28	8	20.0%
F01	R1	RESIDENTIAL	UNKNOWN		W6/F00	26.5	23.6	2.9	10.9%	37	12	30	7	18.9%
	R2	RESIDENTIAL	UNKNOWN		W7/F00	26.7	24.3	2.4	9.0%	37	12	31	6	16.2%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
<b>H DUNDREUM ROAD (ISHEEN)</b>														
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	32.4	27	5.4	16.7%	49	15	37	10	24.5%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	36.4	29.4	7	19.2%	52	16	43	12	17.3%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	32.7	27.5	5.2	15.9%	50	16	37	11	26.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	36.6	29.9	6.7	18.3%	52	16	43	12	17.3%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
<b>G DUNDREUM ROAD (SHANEBC)</b>														
F00	R2	RESIDENTIAL	UNKNOWN		W1/F00	31.2	25.3	5.9	18.9%	45	15	34	12	24.4%
F01	R1	RESIDENTIAL	UNKNOWN		W6/F00	31.5	25.7	5.8	18.4%	42	11	35	10	16.7%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
<b>I DUNDREUM ROAD</b>														
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	31.6	25.6	6	19.0%	45	15	35	11	22.2%
F01	R3	RESIDENTIAL	UNKNOWN		W3/F00	26.4	20.8	5.6	21.2%	37	13	29	10	21.6%
	R4	RESIDENTIAL	UNKNOWN		W6/F00	31.5	25.7	5.8	18.4%	42	11	35	10	16.7%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%			

Q DUNDRE ROAD (HILLBROOK) (CONTINUED)									
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	29.4	27.6	1.8	6.1%	37
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.8	32.2	1.6	4.7%	43
	R3	RESIDENTIAL	UNKNOWN	W3/F01	33.7	32.3	1.4	4.2%	43

R DUNDRE ROAD									
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.7	31.9	0.8	2.4%	47
	R2	RESIDENTIAL	UNKNOWN	W2/F00	31.7	31	0.7	2.2%	41
	R3	RESIDENTIAL	UNKNOWN	W1/F01	33.6	32.5	1.1	3.3%	42
	R1	RESIDENTIAL	UNKNOWN	W2/F01	33.5	32.5	1	3.0%	42
	R2	RESIDENTIAL	UNKNOWN	W3/F01	28.8	27.9	0.9	3.1%	36
	R3	RESIDENTIAL	UNKNOWN						

3 DUNDRE ROAD									
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	21.9	22.4	-0.5	-2.3%	27
	R2	RESIDENTIAL	UNKNOWN	W2/F01	37.2	37.2	0	0.0%	56
	R3	RESIDENTIAL	UNKNOWN	W3/F01	37.1	37.3	-0.2	-0.5%	55

1-2 DUNDRE ROAD									
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	37.2	37.2	0	0.0%	56
	R2	RESIDENTIAL	UNKNOWN	W2/F01	37.2	37.3	-0.1	-0.3%	56
	R3	RESIDENTIAL	UNKNOWN	W3/F01	37.1	37.3	-0.2	-0.5%	55

ANNAVILLE RESIDENCE BLOCK 2									
F00	R2	RESIDENTIAL	UNKNOWN	W2/F00	6.4	6.3	0.1	1.6%	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F00	6.5	6.4	0.1	1.5%	N/A
	R6	RESIDENTIAL	UNKNOWN	W6/F00	7.9	7.3	0.6	7.6%	N/A
	R1	RESIDENTIAL	UNKNOWN	W2/F01	15.3	10.2	5.1	33.3%	N/A
	R4	RESIDENTIAL	UNKNOWN	W4/F01	16.3	10.7	5.6	34.4%	N/A
	R6	RESIDENTIAL	UNKNOWN	W6/F01	18.4	12.2	6.2	33.7%	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F02	16.5	12.1	4.4	26.7%	N/A

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

1 DUNDRE ROAD									
F00	R3	RESIDENTIAL	UNKNOWN	W8/F00	26.7	27	-0.3	-11%	43
	R4	RESIDENTIAL	UNKNOWN	W9/F00	29.1	29.2	-0.1	-0.3%	45
	R6	RESIDENTIAL	UNKNOWN	W10/F00	26.5	26.6	-0.1	-0.4%	41
	R1	RESIDENTIAL	UNKNOWN	W11/F00 / INC (2)	63	55.1	7.9	12.5%	N/A
	R2	RESIDENTIAL	UNKNOWN	W12/F00	30.4	30.3	0.1	0.3%	41
	R4	RESIDENTIAL	UNKNOWN	W13/F00	29.6	29.2	0.4	1.4%	35
	R5	RESIDENTIAL	UNKNOWN	W14/F00	26.1	25.8	0.3	1.1%	24
	R6	RESIDENTIAL	UNKNOWN	W15/F00	24.2	23.6	0.6	2.5%	17

4 ANNIVILLE TERRACE									
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	21.4	21.2	0.2	0.9%	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F00	19.8	20.1	-0.3	-1.5%	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F00	19.8	20.6	-0.8	-4.0%	6
	R4	RESIDENTIAL	UNKNOWN	W4/F00	17.9	18.3	-0.4	-2.2%	19
	R5	RESIDENTIAL	UNKNOWN	W5/F00	16.2	16.4	-0.2	-1.2%	18
	R6	RESIDENTIAL	UNKNOWN	W1/F01	36.6	27.3	9.3	25.4%	1
	R2	RESIDENTIAL	UNKNOWN	W2/F01	36.6	27.5	9.1	24.9%	18

5 ANNIVILLE TERRACE									
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	21.4	21.2	0.2	0.9%	N/A
	R2	RESIDENTIAL	UNKNOWN	W2/F00	19.8	20.1	-0.3	-1.5%	N/A
	R3	RESIDENTIAL	UNKNOWN	W3/F00	19.8	20.6	-0.8	-4.0%	6
	R4	RESIDENTIAL	UNKNOWN	W4/F00	17.9	18.3	-0.4	-2.2%	19
	R5	RESIDENTIAL	UNKNOWN	W5/F00	16.2	16.4	-0.2	-1.2%	18
	R6	RESIDENTIAL	UNKNOWN	W1/F01	36.6	27.3	9.3	25.4%	1
	R2	RESIDENTIAL	UNKNOWN	W2/F01	36.6	27.5	9.1	24.9%	18

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	16.6	16.7	-0.1	-0.6%	23	0	23	0	0.0%
			UNKNOWN		W2/F00	15.9	16.1	-0.2	-1.3%	28	1	29	1	-3.6%
	R2	RESIDENTIAL	UNKNOWN		W3/F00	12.7	12.8	-0.1	-0.8%	N/A	N/A	N/A	N/A	0.0%
	R3	RESIDENTIAL	UNKNOWN		W4/F00	18.1	17.8	0.3	1.7%	N/A	N/A	N/A	N/A	N/A
<b>5 ANNAVILLE TERRACE (CONTINUED)</b>														
	R4	RESIDENTIAL	UNKNOWN		W5/F00	18	18	0	0.0%	30	9	30	9	0.0%
			UNKNOWN		W6/F00	21.7	21	0.7	3.2%	32	9	32	9	0.0%
	R1	RESIDENTIAL	UNKNOWN		W1/F01 / INC (2)	87.5	815	6	6.9%	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F01 / INC (2)	87.3	812	6.1	7.0%	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W3/F01 / INC (2)	84.9	78.7	6.2	7.3%	N/A	N/A	N/A	N/A	N/A
			UNKNOWN		W4/F01	39	29.2	9.8	25.1%	N/A	N/A	N/A	N/A	N/A

**16 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	19.8	19.8	0	0.0%	1	0	1	0	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F00 / Hz (2)	30.1	29.8	0.3	1.0%	20	0	20	0	0.0%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	33.9	30.1	3.8	10.3%	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F01	33.6	30.1	3.5	10.4%	N/A	N/A	N/A	N/A	N/A

**14 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.6	32.1	3.5	9.8%	12	0	12	0	0.0%
	R2	RESIDENTIAL	UNKNOWN		W4/F00 / Hz (2)	39.4	39.1	0.3	0.8%	42	0	41	0	2.4%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	33	29	4	12.1%	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F01	34.2	30.2	4	11.7%	N/A	N/A	N/A	N/A	N/A

**12 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.6	32.1	3.5	9.8%	12	0	12	0	0.0%
	R2	RESIDENTIAL	UNKNOWN		W4/F00 / Hz (2)	39.4	39.1	0.3	0.8%	42	0	41	0	2.4%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	32.4	29.7	2.7	8.3%	2	0	2	0	0.0%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

**PROJECT NO:17987**

**PROJECT NAME: CENTRAL MENTAL HOSPITAL**

18/01/2022

v2.02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.9	27.4	2.5	8.4%	12	0	12	0	0.0%
	R2	RESIDENTIAL	UNKNOWN		W3/F00	39.5	39.2	0.3	0.8%	41	0	40	0	2.4%
	R1	RESIDENTIAL	UNKNOWN		W4/F00	34.5	30.4	4.1	11.9%	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W1/F01	34.4	30.3	4.1	11.9%	N/A	N/A	N/A	N/A	N/A

**10 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)
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46

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX.	PR.	ANNUAL	WINTER	LOSS %
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F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	26.7	26.7	0	0.0%	58	19	58	19	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	20.4	20.4	0	0.0%	43	14	43	14	0.0%	0.0%
			UNKNOWN		W3/F00	33	32.5	0.5	15%	81	23	78	22	3.7%	4.3%
			UNKNOWN		W4/F00	21.1	19.5	1.6	7.6%						
	R3	RESIDENTIAL	UNKNOWN		W5/F00	26.8	26.2	0.6	2.2%	60	18	56	16	6.7%	11.1%
	R4	RESIDENTIAL	UNKNOWN		W6/F00	35.1	32.1	3	8.5%						

#### 3 ANNAVILLE GROVE (CONTINUED)

	R5	RESIDENTIAL	UNKNOWN		W7/F00	33.8	31.3	2.5	7.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN		W8/F00	35.7	32.3	3.4	9.5%							
	R6	RESIDENTIAL	UNKNOWN		W9/F00	32.8	30.4	2.4	7.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R1	RESIDENTIAL	UNKNOWN		W1/F01	32.2	31.7	0.5	1.6%	77	28	76	27	1.3%	3.5%	
	R2	RESIDENTIAL	UNKNOWN		W2/F01	32.2	31.7	0.5	1.6%	77	28	76	27	1.3%	3.5%	

#### 4 ANNAVILLE GROVE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.6	32.8	0.8	2.4%	78	23	76	22	2.6%	4.3%
			UNKNOWN		W2/F00	33.7	33	0.7	2.1%	80	25	75	23	6.3%	8.0%
	R2	RESIDENTIAL	UNKNOWN		W3/F00	33.5	32.7	0.8	2.4%	80	24	76	22	5.0%	8.3%
	R3	RESIDENTIAL	UNKNOWN		W4/F00	35.3	31.9	3.4	9.6%	3	0	1	0	15.4%	0.0%
	R4	RESIDENTIAL	UNKNOWN		W5/F00	19.4	18.9	0.5	2.6%	8	0	8	0	0.0%	0.0%

#### 5 ANNAVILLE GROVE

F00	R1	RESIDENTIAL	UNKNOWN		W6/F00	26.9	25.2	1.7	6.3%	N/A						
	R2	RESIDENTIAL	UNKNOWN		W7/F01	35.9	31.8	4.1	11.4%	N/A						
	R3	RESIDENTIAL	UNKNOWN		W8/F01	34.6	30.5	4.1	11.8%	N/A						
	R4	RESIDENTIAL	UNKNOWN		W9/F01	34.6	30.5	4.1	11.8%	N/A						

#### 4 ANNAVILLE GROVE (CONTINUED)

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.6	32.8	0.8	2.4%	78	23	76	22	2.6%	4.3%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	33.7	32.7	0.8	2.4%	80	24	76	22	5.0%	8.3%
	R3	RESIDENTIAL	UNKNOWN		W3/F00	35.3	31.9	3.4	9.6%	3	0	1	0	15.4%	0.0%
	R4	RESIDENTIAL	UNKNOWN		W4/F00	19.4	18.9	0.5	2.6%	8	0	8	0	0.0%	0.0%

#### 5 ANNAVILLE GROVE

F00	R1	RESIDENTIAL	UNKNOWN		W5/F00	34.2	33.4	0.8	2.3%	79	24	77	23	2.5%	4.2%	
	R2	RESIDENTIAL	UNKNOWN		W6/F00	31.1	29.3	1.8	5.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W7/F00	32.7	30.2	2.5	7.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN		W8/F00	28.5	26.3	2.2	7.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R1	RESIDENTIAL	UNKNOWN		W9/F01	33	32	1	3.0%	77	28	74	26	3.9%	7.1%	

#### 6 ANNAVILLE GROVE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F01	34.6	30.9	3.7	10.7%	N/A						
	R2	RESIDENTIAL	UNKNOWN		W2/F01	34.5	31	3.5	10.1%	N/A						
	R3	RESIDENTIAL	UNKNOWN		W3/F01	34.5	31	3.5	10.1%	N/A						
	R4	RESIDENTIAL	UNKNOWN		W4/F01	34.5	31	3.5	10.1%	N/A						

#### 7 ANNAVILLE GROVE

F00	R1	RESIDENTIAL	UNKNOWN		W5/F00	33.5	33.3	0.2	0.6%	78	23	77	23	1.3%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W6/F00	36.5	35.9	0.6							

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	Apsh (Window)								
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W/S/F00	35.5	34.9	0.6	1.7%	82	28	78	26	4.9%	71%
R3	RESIDENTIAL	UNKNOWN	UNKNOWN		W7/F00	34.6	33.3	1.3	3.8%	N/A	N/A	N/A	N/A	N/A	N/A
R1	RESIDENTIAL	UNKNOWN	UNKNOWN		W8/F00	33.8	32.7	1.1	3.3%	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W1/F01	35.1	34.3	0.8	2.3%	78	29	76	28	2.6%	3.4%
R3	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01	35.1	34.3	0.8	2.3%	78	29	75	27	3.8%	6.9%
R4	RESIDENTIAL	UNKNOWN	UNKNOWN		W3/F01	36.6	35.3	1.3	3.6%	N/A	N/A	N/A	N/A	N/A	N/A
					W4/F01	33.6	32.5	1.1	3.3%	N/A	N/A	N/A	N/A	N/A	N/A

#### 7 ANNAVILLE GROVE

| Floor | R1 | RESIDENTIAL | UNKNOWN |
|-------|----|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| F00   | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |
|       | R1 | RESIDENTIAL | UNKNOWN |
|       | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### 24 ANNNAVILLE PARK (CONTINUED)

| Floor | R1 | RESIDENTIAL | UNKNOWN |
|-------|----|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| F01   | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |
|       | R5 | RESIDENTIAL | UNKNOWN |

| Floor | R1 | RESIDENTIAL | UNKNOWN |
|-------|----|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| F00   | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |
|       | R1 | RESIDENTIAL | UNKNOWN |

| Floor | R1 | RESIDENTIAL | UNKNOWN |
|-------|----|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| F00   | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |
|       | R1 | RESIDENTIAL | UNKNOWN |

| Floor | R1 | RESIDENTIAL | UNKNOWN |
|-------|----|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| F00   | R2 | RESIDENTIAL | UNKNOWN |
|       | R3 | RESIDENTIAL | UNKNOWN |
|       | R4 | RESIDENTIAL | UNKNOWN |
|       | R1 | RESIDENTIAL | UNKNOWN |

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	PR. EX.	PR. ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
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		UNKNOWN	UNKNOWN		W4/F01	36.4	35.5	0.9	2.5%	86	29	84	27	2.3%	6.9%
		UNKNOWN	UNKNOWN		W5/F01	29.9	28.1	1.8	6.0%	65	23	62	21	4.6%	8.7%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W6/F01	28.4	28.4	0	0.0%	66	26	66	26	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W7/F01	36.7	35.7	1	2.7%	87	29	83	27	4.6%	6.9%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W8/F01	30.2	28.1	2.1	7.0%	65	23	61	21	6.2%	8.7%
R3	RESIDENTIAL	UNKNOWN	UNKNOWN		W1/F01	33.3	31.7	1.6	4.8%	74	17	70	17	0.0%	0.0%
R4	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01	33.3	31.7	1.6	4.8%	74	17	70	17	0.0%	0.0%

### 32 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.2	29.3	0.9	3.0%	N/A	N/A	N/A	N/A	N/A	N/A
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### 32 SOMMERRVILLE (CONTINUED)

R2	RESIDENTIAL	UNKNOWN			W2/F00	29.7	29	0.7	2.4%	N/A	N/A	N/A	N/A	N/A	N/A
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F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	33.6	31.9	1.7	5.1%	N/A	N/A	N/A	N/A	N/A	N/A
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R2	RESIDENTIAL	UNKNOWN			W2/F01	33.3	32.1	1.2	3.6%	N/A	N/A	N/A	N/A	N/A	N/A
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R3	RESIDENTIAL	UNKNOWN			W3/F01	26.7	26.1	0.6	2.2%	N/A	N/A	N/A	N/A	N/A	N/A
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R4	RESIDENTIAL	UNKNOWN			W4/F01	33.7	32.2	1.5	4.5%	N/A	N/A	N/A	N/A	N/A	N/A
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### 33 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.7	29.9	0.8	2.6%	N/A	N/A	N/A	N/A	N/A	N/A
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F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	34.1	32.3	1.8	5.3%	N/A	N/A	N/A	N/A	N/A	N/A
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R2	RESIDENTIAL	UNKNOWN			W2/F01	34.1	32.2	1.9	5.6%	N/A	N/A	N/A	N/A	N/A	N/A
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### 34 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.9	29.9	1	3.2%	N/A	N/A	N/A	N/A	N/A	N/A
-----	----	-------------	---------	--	--------	------	------	---	------	-----	-----	-----	-----	-----	-----

F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	34.1	32.4	1.7	5.0%	N/A	N/A	N/A	N/A	N/A	N/A
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R2	RESIDENTIAL	UNKNOWN			W2/F01	33.7	31.8	1.9	5.6%	N/A	N/A	N/A	N/A	N/A	N/A
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### 35 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29	28.3	0.7	2.4%	N/A	N/A	N/A	N/A	N/A	N/A
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F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	33.5	31.6	1.9	5.7%	N/A	N/A	N/A	N/A	N/A	N/A
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R2	RESIDENTIAL	UNKNOWN			W2/F01	33	31.3	1.7	5.2%	N/A	N/A	N/A	N/A	N/A	N/A
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### 36 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	26.8	26.5	0.3	1.1%	N/A	N/A	N/A	N/A	N/A	N/A
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F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	32.3	31	1.3	4.0%	N/A	N/A	N/A	N/A	N/A	N/A
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R2	RESIDENTIAL	UNKNOWN			W2/F01	32	31			
td="1.1" data-cs="2" data-kind="parent">3.1%										
N/A	N/A</td									

LOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX. %	PR. %	LOSS %	LOSS %	EX.		PR.		LOSS %	
										ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
R3	RESIDENTIAL	UNKNOWN	W5/F00	23	23.5	-0.5	-2.2%	N/A							
R4	RESIDENTIAL	UNKNOWN	W6/F00	24.9	24.9	0	0.0%	54	15	54	15	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W7/F00	18.3	18.4	-0.1	-0.5%	38	7	38	7	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W8/F00 / HZ (2)	41.3	41.3	0	0.0%	95	28	95	28	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W9/F00	20.5	20.5	0	0.0%	47	12	47	12	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W1/F01	34.4	32.6	1.8	5.2%	11.4	11.4	11.4	11.4	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W2/F01	13.9	10.5	3.4	24.5%	N/A							
R2	RESIDENTIAL	UNKNOWN	W3/F01	10.1	8	2.1	20.8%	10.6	10.6	10.6	10.6	0.0%	0.0%	0.0%	0.0%
R3	RESIDENTIAL	UNKNOWN	W4/F01	33.5	33.5	0	0.0%	77	29	77	29	0.0%	0.0%	0.0%	0.0%
R4	RESIDENTIAL	UNKNOWN	W5/F01	33.3	33.3	0	0.0%	75	29	75	29	0.0%	0.0%	0.0%	0.0%
R5	RESIDENTIAL	UNKNOWN	W6/F01	33.1	33.1	0	0.0%	75	29	75	29	0.0%	0.0%	0.0%	0.0%
R6	RESIDENTIAL	UNKNOWN	W7/F01	33	33	0	0.0%	76	29	76	29	0.0%	0.0%	0.0%	0.0%
-1-3 ANNAVILLE LODGE (CONTINUED)															
		UNKNOWN	W8/F01	35.3	35.3	0	0.0%	54	15	54	15	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W1/F02	39	36.9	2.1	5.4%								
		UNKNOWN	W2/F02 / INC (2)	84.7	84.7	0	0.0%	89	29	89	29	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W3/F02 / INC (2)	83	83	0	0.0%	82	27	82	27	0.0%	0.0%	0.0%	0.0%
		UNKNOWN	W4/F02 / INC (2)	83.2	83.2	0	0.0%	87	29	87	29	0.0%	0.0%	0.0%	0.0%

# **MENTAL HOSPITAL, DUNDRELL, DUBLIN (17967)**

## **ON NEIGHBOURING PROPERTIES APPENDICES**

) KITCHEN SMALLER THAN 13m<sup>2</sup>

)) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

)) SINGLE ASPECT ROOM DEEPER THAN 5m

) KITCHEN SMALLER THAN 13m<sup>2</sup>

INC\HZ = SKY COMPONENT (INCLUDED\HORIZONTAL WINDOWS)

)) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

ITERATION NO.: IR16.17.20  
ARCHITECT: RFREDDY

**gia**  
CHARTERED SURVEYORS

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
					WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
			UNKNOWN		W5/F00	29.5	29	0.5	1.7%	60	18	57	15
R3	RESIDENTIAL		UNKNOWN		W6/F00	28.4	27.8	0.6	2.1%	56	19	53	16
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	30.1	29.6	0.5	1.7%	53	9	51	7
R2	RESIDENTIAL		UNKNOWN		W2/F01 / INC (2)	77	76.9	0.1	0.1%	55	23	53	21
			UNKNOWN		W5/F01	31	29.7	1.3	4.2%	55	23	53	21
			UNKNOWN		W6/F01	30.3	29.1	1.2	4.0%	55	23	53	21
R3	RESIDENTIAL		UNKNOWN		W3/F01 / INC (2)	81.1	79.8	1.3	1.6%	88	28	85	25
			UNKNOWN		W4/F01	36.6	34.5	2.1	5.7%	72	25	68	21

#### 7 MULVEY PARK

FLOOR	R1	RESIDENTIAL	UNKNOWN	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
				WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00 / INC (2)	81.8	81.8	0	0.0%	72	13	70	1
			UNKNOWN	W2/F00 / INC (2)	79.9	79.3	0.6	0.8%	73	15	72	14
R2	RESIDENTIAL		UNKNOWN	W3/F00 / INC (2)	87.9	87.8	0.1	0.1%	80	19	75	14
			UNKNOWN	W4/F00 / INC (2)	75.3	74.8	0.5	0.7%	69	18	66	15

#### 7 MULVEY PARK (CONTINUED)

FLOOR	R1	RESIDENTIAL	UNKNOWN	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
				WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
F01	R1	RESIDENTIAL	UNKNOWN	W5/F00	31.2	30.2	1	3.2%	68	22	65	19
	R2	RESIDENTIAL	UNKNOWN	W1/F01	34.7	33	1.7	4.9%	66	22	63	19
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.6	32.2	1.4	4.2%	63	19	60	16

#### 2 MULVEY PARK

FLOOR	R1	RESIDENTIAL	UNKNOWN	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
				WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	W2/F00 / INC (2)	71.3	71.2	0.1	0.1%	65	19	60	18
	R2	RESIDENTIAL	UNKNOWN	W1/F00	35.1	34	11	3.1%	81	24	80	23
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	33.4	31.8	16	4.8%	78	27	78	27
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.5	31.9	16	4.8%	77	26	77	26

#### 3 MULVEY PARK

FLOOR	R1	RESIDENTIAL	UNKNOWN	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
				WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.9	27.1	0.8	2.9%	52	19	50	17
	R2	RESIDENTIAL	UNKNOWN	W2/F00	34.9	34.2	0.7	2.0%	71	23	70	21
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	35.4	34.1	13	3.7%	67	24	67	24

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO.: 17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR16.17.20  
ARCHITECT: REDDY  
SHD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
					WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
R2	R2	RESIDENTIAL	UNKNOWN		W2/F01	34.1	34.1	13	3.7%	67	24	67	24

#### 4 MULVEY PARK

FLOOR	R1	RESIDENTIAL	UNKNOWN	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
				WINDOW	EX%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL</										

FLOOR ROOM PROPERTY TYPE ROOM USE IN-DOOR USED WINDOW VSC (WINDOW) APSH (WINDOW)

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex%	PR%	Loss %	Loss %	Annual	Winter	PR%	Loss %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	31.2	30.3	0.9	2.9%	63	18	61	16
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	35.5	33.9	16	4.5%	68	24	67	23
R2	RESIDENTIAL	UNKNOWN			W2/F01	35.5	33.8	17	4.8%	68	24	66	22

#### 5 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 6 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 7 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 8 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 9 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 10 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 11 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 12 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 13 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 14 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 15 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 16 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 17 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 18 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

#### 19 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>16 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.2	32.3	-0.1	-0.3%	80	22	80	22	0.0%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W2/F00	34.5	33.9	0.6	1.7%	83	25	82	24	1.2%	4.0%	
			UNKNOWN	W3/F00	32.9	33	-0.1	-0.3%	50	16	50	16	0.0%	0.0%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	32.6	31.2	1.4	4.3%	74	27	71	24	4.1%	11.1%	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	32.6	31.3	1.3	4.0%	77	27	74	24	3.9%	11.1%	
			UNKNOWN	W3/F01	32.8	32.7	0.1	0.3%	42	14	42	14	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>57 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	25.8	26.1	-0.3	-1.2%	49	11	49	11	0.0%	0.0%	
			UNKNOWN	W2/F00	28.9	29.2	-0.3	-1.0%	47	9	49	11	-4.3%	-22.2%	
			UNKNOWN	W3/F00	29.4	29.6	-0.2	-0.7%	68	13	69	14	-1.5%	-7.7%	
			UNKNOWN	W4/F00	30.9	31	-0.1	-0.3%	71	16	71	16	0.0%	0.0%	
			UNKNOWN	W5/F00	31.3	31.3	0	0.0%	34	6	34	6	0.0%	0.0%	
			UNKNOWN	W6/F00	30.4	30.4	0	0.0%	35	6	35	6	0.0%	0.0%	
			UNKNOWN	W7/F00	28.8	28.8	0	0.0%	33	6	33	6	0.0%	0.0%	
			UNKNOWN	W8/F00 / INC (2)	87.8	87.5	0.3	0.3%	92	27	91	26	11%	3.7%	
			UNKNOWN	W9/F00 / INC (2)	88.5	88.3	0.2	0.2%	93	27	91	25	2.2%	7.4%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01 / INC (2)	88.2	87.5	0.7	0.8%	94	28	94	28	0.0%	0.0%	
			UNKNOWN	W2/F01	36.9	36	0.9	2.4%	81	27	81	27	0.0%	0.0%	
			UNKNOWN	W3/F01	37.2	36.2	1	2.7%	82	27	81	26	1.2%	3.7%	
			UNKNOWN	W6/F01	35.2	34.9	0.3	0.9%	59	19	59	19	0.0%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W4/F01	37.4	36.3	1.1	2.9%	83	28	82	27	1.2%	3.6%	
			UNKNOWN	W5/F01	36.3	36.2	0.1	0.3%	36	6	36	6	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>57 MULVEY PARK (CONTINUED)</b>															
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	36.5	35.5	1	2.7%	78	28	77	27	1.3%	3.6%	
			UNKNOWN	W4/F01	29.5	29.2	0.3	1.0%	50	15	50	15	0.0%	0.0%	
			UNKNOWN	W2/F01 / INC (2)	35	34	1	2.9%	73	27	72	26	1.4%	3.7%	
			UNKNOWN	W3/F01 / INC (2)	77.8	76.9	0.9	1.2%	79	24	79	24	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>58 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.7	32.5	0.2	0.6%	70	21	71	22	-1.4%	-4.8%	
			UNKNOWN	W2/F00	28.1	27.9	0.2	0.7%	61	21	61	21	0.0%	0.0%	
			UNKNOWN	W3/F00 / INC (2)	71.3	70.8	0.5	0.7%	92	28	91	27	1.1%	3.6%	
			UNKNOWN	W4/F00 / INC (2)	67.6	67.2	0.4	0.6%	86	28	85	27	1.2%	3.6%	
			UNKNOWN	W5/F00 / INC (2)	62.5	62	0.5	0.8%	80	28	79	27	1.3%	3.6%	
			UNKNOWN	W1/F01	37.4	36.2	1.2	3.2%	78	28	78	28	0.0%	0.0%	
			UNKNOWN	W2/F01	35.8	34.6	1.2	3.4%	75	28	75	28	0.0%	0.0%	
			UNKNOWN	W3/F01 / INC (2)	73.3	73.2	0.1	0.1%	68	17	68	17	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>59 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.8	32.8	0	0.0%	74	23	73	22	1.4%	4.3%	
			UNKNOWN	W2/F00 / INC (2)	75	74.6	0.4	0.5%	92	28	91	27	1.1%	3.6%	
			UNKNOWN	W3/F00 / INC (2)	75	74.6	0.4	0.5%	90	28	89	27	1.1%	3.6%	
			UNKNOWN	W1/F01	38.3	36.9	1.4	3.7%	83	28	83	28	0.0%	0.0%	
			UNKNOWN	W2/F01	38.3	37	1.3	3.4%	83	28	83	28	0.0%	0.0%	

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
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ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

FLOOR | ROOM | PROPERTY TYPE | ROOM USE | INFO USED | WINDOW | VSC (WINDOW) | APASH (WINDOW)

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	17.6	17.3	0.3	1.7%	44	13	43	12	2.3%	7.7%
	R2	RESIDENTIAL	UNKNOWN		W2/F00 / HZ (2)	49.8	49.7	0.1	0.2%	91	28	90	27	11%	3.6%
			UNKNOWN		W3/F00 / HZ (2)	48.3	48.2	0.1	0.2%	95	28	94	27	11%	3.6%
<b>61 MULVEY PARK (CONTINUED)</b>															
F01	R1	RESIDENTIAL	UNKNOWN		W4/F00	49.2	49.2	0	0.0%	96	28	95	27	10%	3.6%
	R2	RESIDENTIAL	UNKNOWN		W5/F00 / HZ (2)	49.3	49.3	0	0.0%	96	28	95	27	10%	3.6%
	R1	RESIDENTIAL	UNKNOWN		W6/F00	34.6	34.1	0.5	1.4%	78	23	78	23	0.0%	0.0%
<b>62 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W4/F00	27.7	27.3	0.4	1.4%	52	15	52	15	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W1/F00	26.1	25.7	0.4	1.5%	52	12	52	12	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W2/F00	28.6	28.6	0	0.0%	35	13	35	13	0.0%	0.0%
<b>63 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.8	28.5	0.3	1.0%	63	21	63	21	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F00 / HZ (2)	39.2	39.2	0	0.0%	91	28	91	28	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W3/F00 / HZ (2)	44	44	0	0.0%	91	28	94	28	0.0%	0.0%
<b>64 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	37.8	36.6	1.2	3.2%	80	25	80	25	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	38.2	37	1.2	3.1%	83	28	83	28	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	38.4	37.2	1.2	3.1%	83	28	83	28	0.0%	0.0%
<b>65 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.4	27.8	0.6	2.1%	59	20	59	20	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W1/F01	37.8	36.6	1.2	3.2%	80	25	80	25	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W2/F01	38.2	37	1.2	3.1%	83	28	83	28	0.0%	0.0%
<b>66 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00 / INC (2)	25.8	25.3	0.5	1.0%	54	18	54	18	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	33.8	33.1	0.7	2.1%	72	25	72	25	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	26.7	26.5	0.2	0.7%	42	13	42	13	0.0%	0.0%
<b>67 MULVEY PARK (CONTINUED)</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W2/F01	38.1	37	1.1	2.9%	83	28	83	28	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W3/F01	38.2	37.2	1	2.6%	81	28	81	28	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W1/F01	38.4	37.2	1	2.4%	78	28	78	28	0.0%	0.0%
<b>68 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	25.7	25.7	0	0.0%	51	15	51	15	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	32.1	32.1	0.3	1.4%	49	16	49	16	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W3/F00	35.7	35.3	0.4	1.1%	79	24	79	24	0.0%	0.0%
<b>69 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN		W1/F01	36.1	35.2	0.9	2.5%	75	27	75	27	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	38.7	37.9	0.8	2.3%	83	28	83	28	0.0%	0.0%
	R1	RESIDENTIAL	UNKNOWN		W3/F01	34	34	0	0.0%	78	24	78	24	0.0%	0.0%
<b>70 MULVEY PARK</b>															
1 KITCHEN SMALLER THAN 13m <sup>2</sup>															
(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)															
(3) SINGLE ASPECT ROOM DEEPER THAN 5m															
v2.02															

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.2	33.2	0	0.0%	75	22	75	22
			UNKNOWN		W2/F00	32.2	32.2	0	0.0%	73	21	73	21
			UNKNOWN		W3/F00	32.7	32.7	0	0.0%	71	21	71	21
F01	R1	RESIDENTIAL	UNKNOWN		W4/F00	20.4	20.4	0	0.0%				
			UNKNOWN		W1/F01	37.5	36.9	0.6	1.6%	79	24	79	24

#### 70 MULVEY PARK (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	38.1	37.4	0.7	1.8%	81	26	81	26
			UNKNOWN		W2/F01	38.3	37.6	0.7	1.8%	80	26	80	26
			UNKNOWN		W4/F01	30.4	30.4	0	0.0%				

#### 70 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.4	33.2	0.2	0.6%	74	20	74	20
			UNKNOWN		W2/F00	18.3	18.3	0	0.0%	45	13	45	13
			UNKNOWN		W3/F00	23.3	23.3	0	0.0%	51	17	51	17
			UNKNOWN		W4/F00	18.8	18.8	0	0.0%	36	11	36	11
			UNKNOWN		W1/F01	38.4	37.9	0.5	1.3%	83	28	83	28
			UNKNOWN		W2/F01	38.4	37.8	0.6	1.6%	83	28	83	28
			UNKNOWN		W3/F01	27.5	27.1	0.4	1.5%	43	15	43	15

#### 71 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.4	29.4	0	0.0%	62	18	62	18
			UNKNOWN		W2/F00	18.9	18.9	0	0.0%	38	2	38	2
			UNKNOWN		W1/F01	38.4	37.8	0.6	1.6%	84	29	83	28
			UNKNOWN		W2/F01	38.4	37.9	0.5	1.3%	84	29	83	28

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### 72 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.4	29.4	0	0.0%	62	18	62	18
			UNKNOWN		W2/F00	18.9	18.9	0	0.0%	38	2	38	2
			UNKNOWN		W1/F01	38.4	37.8	0.6	1.6%	84	29	83	28
			UNKNOWN		W2/F01	38.4	37.9	0.5	1.3%	84	29	83	28

v2.02

#### 73 MULVEY PARK (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W5/F00 / INC (2)	70.3	70	0.3	0.4%	78	23	77	22
			UNKNOWN		W6/F00	11.4	11.4	0	0.0%	21	0	21	0
			UNKNOWN		W1/F01	38.2	37.7	0.5	1.3%	83	29	82	28
			UNKNOWN		W2/F01	38.4	37.9	0.5	1.3%	84	29	83	28

v2.02

#### 73 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. EX. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX. %	LOSS %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	</td									

FLOOR ROOM PROPERTY TYPE ROOM USE INFO USED WINDOW VSC (WINDOW) APSH (WINDOW)

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	28.7	28.7
	R2	RESIDENTIAL	UNKNOWN		W2/F01	35.8	35.7
F01	R1	RESIDENTIAL	UNKNOWN		W2/F00	33.6	33.3
	R2	RESIDENTIAL	UNKNOWN		W1/F01	37.8	37.5

**77 MULVEY PARK**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.4	0
	R2	RESIDENTIAL	UNKNOWN		W2/F00	33.6	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	37.8	0.9%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	37.9	0.8%

**77 MULVEY PARK (CONTINUED)**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
R2	R1	RESIDENTIAL	UNKNOWN		W1/F01	38	0
	R2	RESIDENTIAL	UNKNOWN		W2/F01	37.9	0.3%
R2	R2	RESIDENTIAL	UNKNOWN		W2/F01	38	0.1%

**78 MULVEY PARK**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	19.9	0
	R2	RESIDENTIAL	UNKNOWN		W1/F01	38	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W2/F00	37.6	0.4%

**87 LARCHFIELD ROAD**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.9	25.4
	R2	RESIDENTIAL	UNKNOWN		W2/F00	26.7	23.2
R3	R1	RESIDENTIAL	UNKNOWN		W3/F00	29.8	26.7
R4	R1	RESIDENTIAL	UNKNOWN		W4/F00	26.5	25.4
	R2	RESIDENTIAL	UNKNOWN		W5/F00	23.1	21.8
R5	R1	RESIDENTIAL	UNKNOWN		W6/F00	22	19.6
R6	R1	RESIDENTIAL	UNKNOWN		W7/F00	27.8	24.7
R7	R1	RESIDENTIAL	UNKNOWN		W8/F00	28	24.6
R1	R1	RESIDENTIAL	UNKNOWN		W1/F01	39.1	36.3
R2	R2	RESIDENTIAL	UNKNOWN		W2/F01	39.2	36.9
R3	R3	RESIDENTIAL	UNKNOWN		W3/F01	39.2	37.2
R4	R4	RESIDENTIAL	UNKNOWN		W4/F01 / INC (2)	65.8	65.7
R5	R5	RESIDENTIAL	UNKNOWN		W5/F01 / INC (2)	95.5	95.3

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

FLOOR ROOM PROPERTY TYPE ROOM USE INFO USED WINDOW VSC (WINDOW) APSH (WINDOW)

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.4	28.3
	R2	RESIDENTIAL	UNKNOWN		W2/F00	28.6	28
R3	R1	RESIDENTIAL	UNKNOWN		W3/F00	36.2	35
	R2	RESIDENTIAL	UNKNOWN		W1/F01	37.8	35.9
R1	R1	RESIDENTIAL	UNKNOWN		W2/F01	35	33.2
R2	R2	RESIDENTIAL	UNKNOWN		W3/F01	35.1	33.3
R3	R3	RESIDENTIAL	UNKNOWN		W4/F01 / INC (2)	27.9	35.9

**81 LARCHFIELD ROAD**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.2	27.2
	R2	RESIDENTIAL	UNKNOWN		W2/F00	27.3	26
R3	R1	RESIDENTIAL	UNKNOWN		W3/F00	32.8	31.8
	R2	RESIDENTIAL	UNKNOWN		W1/F01	36.4	34.5
R1	R1	RESIDENTIAL	UNKNOWN		W2/F01	35	33.2
R2	R2	RESIDENTIAL	UNKNOWN		W3/F01	35.1	33.3
R3	R3	RESIDENTIAL	UNKNOWN		W4/F01 / INC (2)	27.9	35.9

**79 LARCHFIELD ROAD**

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	APSH (Window)
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.8	33.6
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34	32.7
R3	R1	RESIDENTIAL	UNKNOWN		W3/F00	31	29.9
	R2	RESIDENTIAL	UNKNOWN		W8/F00 / INC (2)	65.8	65.3
R1	R1	RESIDENTIAL	UNKNOWN		W4/F00	26.2	25.8
R2	R2	RESIDENTIAL	UNKNOWN		W5/F00	36.9	35.4
R3	R3	RESIDENTIAL	UNKNOWN		W6/F00	29	28.3
	R1	RESIDENTIAL	UNKNOWN		W7/F00	34.4	32.9
R2	R2	RESIDENTIAL	UNKNOWN		W9/F00 / INC (2)	0	0
R3	R3	RESIDENTIAL	UNKNOWN		W1/F01	36	34
	R1	RESIDENTIAL	UNKNOWN		W2/F01	35	33.1
R2	R2	RESIDENTIAL	UNKNOWN		W3/F01	35	33.1

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

FLOOR	PROPERTY TYPE	ROOM USE	ROOM USE	INFO USED	WINDOW	EX. %	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	31.1	29.2	19	6.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	36.4	34.4	2	5.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F02				W1/F02 / INC (2)	88.7	88.3	0.4	0.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F02 / INC (2)	88.9	88.1	0.8	0.9%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F02 / INC (2)	87.3	86.5	0.8	0.9%	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FOO	R1	RESIDENTIAL	UNKNOWN				W1/FOO		21	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FOO	R2	RESIDENTIAL	UNKNOWN				W2/FOO		33.6	0.1	0.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FOO	R3	RESIDENTIAL	UNKNOWN				W3/FOO		35.8	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FOO	R4	RESIDENTIAL	UNKNOWN				W4/FOO		34.2	0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
FOO	R1	RESIDENTIAL	UNKNOWN				W1/FOO		34.9	0.6	1.7%	79	24	79	24	0.0%	0.0%	0.0%	0.0%	

R3	RESIDENTIAL	UNKNOWN	W3/FOO	34.8	33.8	1	2.9%	79	24
R4	RESIDENTIAL	UNKNOWN	W4/FOO	31.6	30.7	0.9	2.8%	70	15
			W5/FOO	18.8	18.4	0.4	2.1%		
R5	RESIDENTIAL	UNKNOWN	W6/FOO	25.6	25.5	0.1	0.4%	N/A	N/A
R6	RESIDENTIAL	UNKNOWN	W7/FOO	26.6	26.6	0	0.0%	N/A	N/A
R7	RESIDENTIAL	UNKNOWN	W8/FOO	36.1	35.7	0.4	1.1%	N/A	N/A

KITCHEN SMALLER THAN 13m<sup>2</sup>

2) INC\HZ = SKY COMPONENT (INCLINED)\HORIZONTAL WINDOWS)

### 3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
8/01/2022

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX%	PR.%	LOSS %	LOSS %	EX.		PR.		LOSS %	
										ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
<b>-48 FRIARS LAND ROAD</b>															
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	Wi/FOO	23	22.2	0.8	3.5%	46	9	45	8	2.2%	11.1%
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/FOO	34.9	34	0.9	2.6%					N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/FOO	36.6	35.6	1	2.7%		N/A	N/A	N/A	N/A	N/A

46 FRIARS LAND ROAD						
F/FOO	R1	RESIDENTIAL	UNKNOWN	W1/F00	33.3	31.1
	R2	RESIDENTIAL	UNKNOWN	W2/F00	36.4	33.9
	R3	RESIDENTIAL	UNKNOWN	W3/F00	36.2	33.7

42 FRIARS LAND ROAD						
F/FOO	R1	RESIDENTIAL	UNKNOWN	W1/F00	33.3	31.1
	R2	RESIDENTIAL	UNKNOWN	W2/F00	36.4	33.9
	R3	RESIDENTIAL	UNKNOWN	W3/F00	36.2	33.7

1) KITCHEN SMALLER THAN 13m<sup>2</sup>

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.2	32.7	2.5	7.1%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.7	33.1	2.6	7.3%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W3/F00	35.2	32.7	2.5	7.1%	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN		W4/F00	31.4	29.4	2	6.4%	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN		W1/FOL / INC (2)	87.2	85.8	1.4	1.6%	N/A	N/A	N/A	N/A

#### 38 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.4	30.2	4.2	12.2%	52	16	43	12
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.7	30.3	4.4	12.7%	53	16	43	12
	R3	RESIDENTIAL	UNKNOWN		W4/F00 / HZ (2)	14.3	14.3	0	0.0%	59	14	52	11
	R3	RESIDENTIAL	UNKNOWN		W3/F00	34.6	30.3	4.3	12.4%	50	13	42	11
	R4	RESIDENTIAL	UNKNOWN		W5/F00	33.8	29.9	3.9	11.5%	45	8	39	8

#### 40 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.3	30.5	2.8	8.4%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.7	31.6	4.1	11.5%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W3/F00	34.2	30.7	3.5	10.2%	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN		W5/F00	33.8	29.9	3.9	11.5%	45	8	39	8

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### PROJECT NO:17967

PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 01

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER

F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	38.6	33.8	4.8	12.4%	58	17	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F01	38.6	33.8	4.8	12.4%	58	17	52	14

v2.02

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	24	23.1	0.9	3.7%	39	15	37	13
	R2	RESIDENTIAL	UNKNOWN		W2/F00 / HZ (2)	9.6	9.6	0	0.0%	65	20	62	19
	R3	RESIDENTIAL	UNKNOWN		W3/F00 / HZ (2)	9.4	9.4	0	0.0%	65	20	62	18
	R4	RESIDENTIAL	UNKNOWN		W4/F01	38.7	35	3.7	9.6%	59	18	57	17
	R5	RESIDENTIAL	UNKNOWN		W5/F01	38.8	35.1	3.7	9.5%	59	18	57	17
	R6	RESIDENTIAL	UNKNOWN		W6/F01	37.3	33.2	4.1	11.0%	66	22	60	19
	R7	RESIDENTIAL	UNKNOWN		W7/F00	37.2	33.5	3.7	9.9%	75	25	68	22
	R8	RESIDENTIAL	UNKNOWN		W8/F00	36.7	33.5	3.2	8.7%	77	24	70	21
	R9	RESIDENTIAL	UNKNOWN		W9/F00	35.7	33	2.7	7.6%	78	24	72	21
	R10	RESIDENTIAL	UNKNOWN		W10/F00	34	31.8	2.2	6.5%	76	24	73	21
	R11	RESIDENTIAL	UNKNOWN		W11/F00	25.1	24	1.1	4.4%	57	20	55	18
	R12	RESIDENTIAL	UNKNOWN		W12/F00	38.2	34.8	3.4	8.9%	77	24	71	21
	R13	RESIDENTIAL	UNKNOWN		W13/F00	38.6	34.6	4	10.4%	71	23	65	20
	R14	RESIDENTIAL	UNKNOWN		W14/F00	38.6	34.3	4.3	11.1%	62	20	56	17
	R15	RESIDENTIAL	UNKNOWN		W15/F00	38.3	34.1	4.2	11.0%	55	15	47	12
	R16	RESIDENTIAL	UNKNOWN		W16/F00	36.9	33.4	3.5	9.5%	59	16	51	13
	R17	RESIDENTIAL	UNKNOWN		W17/F00	34.2	31.5	2.7	7.9%	27	4	22	2
	R18	RESIDENTIAL	UNKNOWN		W18/F00	30.3	28.4	1.9	6.3%	77	1	14	0

LOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX %	PR. %	LOSS %	LOSS %	EX.		PR.		LOSS %	
										ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
			UNKNOWN	W19/F00	25.5	24.2	1.3	5.1%	11	0	3	0	27.3%	0.0%	
			UNKNOWN	W20/F00	19.2	18.6	0.6	3.1%	—	—	—	0	60.0%	0.0%	
			UNKNOWN	W21/F00	12.6	12.4	0.2	1.6%	0	0	0	0	0.0%	0.0%	
			UNKNOWN	W22/F00	7.1	7.1	0	0.0%	—	0	0	0	0.0%	0.0%	
			UNKNOWN	W23/F00	4.2	4.2	0	0.0%	4	0	4	0	0.0%	0.0%	
			UNKNOWN	W24/F00	4.9	4.9	0	0.0%	—	—	—	0	0.0%	0.0%	
			UNKNOWN	W25/F00	8.7	8.7	0	0.0%	31	13	31	13	0.0%	0.0%	
			UNKNOWN	W26/F00	14.7	14.6	0.1	0.7%	42	18	42	18	0.0%	0.0%	
			UNKNOWN	W27/F00	22.3	21.8	0.5	2.2%	54	22	52	20	3.7%	9.1%	
			UNKNOWN	W28/F00	29.5	28.4	1.1	3.7%	64	24	61	21	4.7%	12.5%	
			UNKNOWN	W29/F00	34.5	32.6	1.9	5.5%	76	24	73	21	3.9%	12.5%	
			UNKNOWN	W30/F00	37.2	34.5	2.7	7.3%	80	24	76	21	5.0%	12.5%	
R2	RESIDENTIAL	UNKNOWN	W31/F00	26.4	23.8	2.6	9.8%	53	17	51	15	3.8%	11.8%		
<b>12 FRIARS LANE ROAD (CONTINUED)</b>															
	R1	RESIDENTIAL	UNKNOWN	W1/F01	36.9	33.9	3	8.1%	58	18	55	15	5.2%	16.7%	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	38.2	34.5	3.7	9.7%	59	18	55	15	6.8%	16.7%	

CENTRAL MENTAL HOSPITAL, DUNDRUM, DUBLIN (1796)  
DAYLIGHT & SUNLIGHT: IMPACT ON NEIGHBOURING PROPERTIES APPENDICES

) KITCHEN SMALLER THAN 13m<sup>2</sup>

)) INC\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

### 3) SINGLE ASPECT ROOM DEEPER THAN 5r

PROJECT NO: 17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
8/01/2022

v2.02

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ITERATION NO.: IR16.17.20  
ARCHITECT: REDDY  
SHD

DAYLIGHT AND  
EXISTING VS. PRE-  
BEI EASE OS

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14 FRIARS LANE ROAD									
W0	R1	RESIDENTIAL	UNKNOWN	W1/F00	33.3	31.5	18	5.4%	49
			UNKNOWN	W4/F00 / HZ (2)	14.6	14.6	0	0.0%	68
R2	RESIDENTIAL	UNKNOWN	W2/F00	31.2	29.5	1.7	5.4%	46	22
		UNKNOWN	W3/F00	9.2	9.2	0	0.0%	20	5
		UNKNOWN	W5/F00 / HZ (2)	15.3	15.3	0	0.0%	70	45
R1	RESIDENTIAL	UNKNOWN	W1/F01	38.7	35.1	3.6	9.3%	61	5
R2	RESIDENTIAL	UNKNOWN	W2/F01	38.7	35.1	3.6	9.3%	60	19
R3	RESIDENTIAL	UNKNOWN	W3/F01	38.8	35.2	3.6	9.3%	62	18
								10	59
								48	17
								2.0%	56
								9.1%	6
								4.4%	13.8%
								2.2%	0.0%
								0.0%	0.0%
								0.0%	0.0%
								5.7%	13.8%
								3.3%	10.5%
								6.7%	16.7%
								6.5%	15.0%

11 LARCHFIELD ROAD

700 R1 RESIDENTIAL UNKNOWN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	EX ANNUAL	WINTER ANNUAL	PR. WINTER	LOSS % WINTER
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		UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN										
F01	R1	RESIDENTIAL	UNKNOWN										
		UNKNOWN	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN										
F02	R1	RESIDENTIAL	UNKNOWN										
		UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 45 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										

#### 45 LARCHFIELD ROAD (CONTINUED)

F01	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 43 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 43 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 47 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 47 LARCHFIELD ROAD (CONTINUED)

F01	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

#### 49 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
		UNKNOWN	UNKNOWN										

ITERATION NO.: IR16.17.20  
ARCHITECT: REDDY  
SHD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										

#### 51 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN										
R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
R3	RESIDENTIAL	UNKNOWN	UNKNOWN										

#### 51 LARCHFIELD ROAD

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>  
(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)  
(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

FLOOR    ROOM    PROPERTY TYPE

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	ANNUAL	WINTER	PR%	ANNUAL	WINTER	LOSS %
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RESIDENTIAL

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.8	34.5	3.3	8.7%	9	1	18	1	5.3%	0.0%		
			UNKNOWN	UNKNOWN	W2/F00 / INC (2)	81.8	80.6	1.2	15%	15	1	14	1	2.3%	0.0%		
			UNKNOWN	UNKNOWN	W3/F00	22.5	21.6	0.9	4.0%	27	1	26	1	3.7%	0.0%		
			RESIDENTIAL	ASSUMED	W4/F00	29.6	26.9	2.7	9.1%	14	1	13	1	0.0%	0.0%		
			RESIDENTIAL	UNKNOWN	W1/F01	36.5	33.9	2.6	7.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			RESIDENTIAL	UNKNOWN	W2/F01	36.5	33.8	2.7	7.4%	14	1	13	1	0.0%	0.0%		
			RESIDENTIAL	UNKNOWN	W3/F01	37.2	34.5	2.7	7.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

53 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.5	33.1	3.4	9.3%	N/A								
			UNKNOWN	UNKNOWN	W2/F00	36.4	33.3	3.1	8.5%	N/A								
			UNKNOWN	UNKNOWN	W3/F00	36.2	33	3.2	8.8%	N/A								
			UNKNOWN	UNKNOWN	W4/F00 / INC (2)	78.9	76.5	2.4	3.0%	N/A								
			UNKNOWN	UNKNOWN	W5/F00 / INC (2)	78.6	76.2	2.4	3.1%	N/A								
			RESIDENTIAL	UNKNOWN	W6/F00	34.4	31.7	2.7	7.8%	N/A								
			RESIDENTIAL	UNKNOWN	W1/F01	37	34.2	2.8	7.6%	N/A								
			RESIDENTIAL	UNKNOWN	W2/F01	35.7	32.9	2.8	7.8%	N/A								

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55 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	38.2	34.2	4	10.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	38.1	34	4.1	10.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W1/F01	34	30.8	3.2	9.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F01	34	30.8	3.2	9.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	34.3	31.1	3.2	9.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W4/F01	25.1	25.1	0	0.0%	39	9	39	9	0.0%	0.0%	0.0%	0.0%	0.0%

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 01

ITERATION NO.: IR16.17.20

ARCHITECT: REDDY

SHD

FLOOR    ROOM    PROPERTY TYPE

				ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	ANNUAL	WINTER	PR%	ANNUAL	WINTER	LOSS %
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RESIDENTIAL

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.8	33.3	3.5	9.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00 / INC (2)	67.2	66.1	1.1	16%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F00 / INC (2)	69.6	68.5	1.1	16%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W1/F01	34	30.8	3.2	9.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F01	34.3	31.1	3.2	9.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	25.1	24.1	0	0.0%	50	17	50	17	0	0.0%	0.0%	0.0%	0.0%

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57 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.8	33.3	3.5	9.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	36.3	32.6	3.7	10.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W4/F00 / HZ (2)	38.5	38.4	0.1	0.3%	44	2	43	2	2.3%	0.0%	0.0%	0.0%	0.0%

FLOOR	ROOM TYPE	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX. %	PR. %	LOSS %	LOSS %	PR.		LOSS %	
										ANNUAL	WINTER	ANNUAL	WINTER
UNKNOWN		WS/F01		33.7	33.1	0.6	1.8%	61	16	60	16	1.6%	0.0%
UNKNOWN		W71/F01		22.1	21.5	0.6	1.0%	81	15	80	15	1.0%	0.0%

KITCHEN SMALLER THAN 13M<sup>2</sup>

)) ING\HZ = SKY COMPONENT (INCHNE\HORIZONTAL\WINDOWS)

)) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL

FLOOR	ROOM USE	PROPERTY TYPE	ROOM USE	INFO USED	VSC (WINDOW)			APSH (WINDOW)			PR.			LOSS %		
					WINDOW	EX. %	CR. %	LOSS	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	37.8	35.4	2.4	6.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				W6/F01 / INC (2)	91	89.9	11	1.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		UNKNOWN	ASSUMED	W4/F01	38.2	35.7	2.5	6.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
19 LARCHFIELD ROAD																
R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	34.9	33.4	1.5	4.3%	22	1	22	1	0.0%	0.0%	0.0%	
				W2/F00	21.3	21.1	0.2	0.9%	27	1	27	1	0.0%	0.0%	0.0%	
		UNKNOWN	UNKNOWN	W3/F00 / INC (2)	74.9	73.6	1.3	1.7%	23	3	23	3	0.0%	0.0%	0.0%	
				W4/F00	32.6	30.8	1.8	5.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	38.4	35.9	2.5	6.5%	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	38.4	35.9	2.5	6.5%	3	3	3.0%	0.0%
		UNKNOWN		W3/F01	38.4	35.9	2.5	6.5%	20	1	20.0%	0.0%
		UNKNOWN		W4/F01	32	31.7	0.3	0.9%	61	16	16.0%	0.0%

002	R1	RESIDENTIAL	UNKNOWN	W/F02 / INC (2)	83.4	81.9	15	1.8%	82	24	82	24	0.0%	0.0%
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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.9	32.4	3.5	9.7%	58	18	55	17	5.2%
			UNKNOWN		W2/F00 / HZ (2)	30.9	30.9	0	0.0%	71	19	69	18	2.8%
R2		RESIDENTIAL	UNKNOWN		W3/F00	38.6	34.2	4.4	11.4%	59	18	57	18	3.4%
			UNKNOWN		W4/F00	31.7	28.3	3.4	10.7%	42	2	38	2	9.5%
			UNKNOWN		W5/F00 / HZ (2)	33.2	33.2	0	0.0%	76	21	76	21	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	34.6	31	3.6	10.4%	48	16	46	15	4.2%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	33.3	29.9	3.4	10.2%	47	16	46	16	2.1%
	R3	RESIDENTIAL	UNKNOWN		W3/F01	33.2	29.8	3.4	10.2%	47	16	46	16	2.1%
F02	R1	RESIDENTIAL	UNKNOWN		W1/F02 / INC (2)	82.3	80.5	1.8	2.2%	84	25	83	25	1.2%
			UNKNOWN		W2/F02 / INC (2)	83.4	81.6	1.8	2.2%	84	25	83	25	1.2%

#### 14 FRIARS LAND ROAD (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	38.4	33.7	4.7	12.2%	58	17	53	15	8.6%
			UNKNOWN		W5/F00 / INC (2)	69	68.1	0.9	1.3%	64	20	61	18	4.7%
R2		RESIDENTIAL	UNKNOWN		W2/F00	36.7	32.2	4.5	12.3%	55	14	50	12	9.1%
			UNKNOWN		W3/F00	34.5	30.4	4.1	11.9%	44	7	40	6	9.1%
			UNKNOWN		W4/F00	29.4	25.2	4.2	14.3%	26	3	22	2	15.4%
			UNKNOWN		W6/F00 / INC (2)	68.3	67.3	1	1.5%	62	18	60	17	3.2%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	34.7	31	3.7	10.7%	48	16	44	14	8.3%
	R2	RESIDENTIAL	UNKNOWN		W2/F01	33.3	29.7	3.6	10.8%	47	16	43	14	8.5%
	R3	RESIDENTIAL	UNKNOWN		W3/F01	33.3	29.7	3.6	10.8%	47	16	43	14	8.5%

#### 14 FRIARS LAND ROAD (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
R4		RESIDENTIAL	UNKNOWN		W4/F01	34.6	31	3.6	10.4%	48	16	45	15	6.3%
F02	R1	RESIDENTIAL	UNKNOWN		W1/F02 / INC (2)	84.1	82.2	19	2.3%	83	24	82	24	1.2%
	R2	RESIDENTIAL	UNKNOWN		W2/F02 / INC (2)	83.9	82	19	2.3%	81	22	80	22	1.2%
	R3	RESIDENTIAL	UNKNOWN		W3/F02 / INC (2)	83.4	81.6	18	2.2%	75	22	74	22	1.2%

#### 18 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.8	25.1	2.7	9.7%	48	16	45	13	6.3%
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.5	30.8	3.7	10.7%	53	16	49	13	7.5%
	R3	RESIDENTIAL	UNKNOWN		W3/F00	31	27.9	3.1	10.0%	37	3	33	1	10.8%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### 20 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
						EX%	PR%	LOSS %	ANNUAL	WINTER	PR%	ANNUAL	WINTER	ANNUAL
B01	R1	RESIDENTIAL	UNKNOWN		W1/B01	33.6	30.9	2.7	8.0%	49	7	47	6	4.1%
	R2	RESIDENTIAL	UNKNOWN		W2/B01	29.1	27.2	19	6.5%	38	1	36	0	5.3%
	R3	RESIDENTIAL	UNKNOWN		W3/B01	9.6	9.2	0.4	4.2%	12	0	12	0	0.0%
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.7	26.2	3.5	11.8%	29	4	26	2	10.3%

#### 20 FRIARS LAND ROAD (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)			APSH (WINDOW)			LOSS %		
EX%	PR%	LOSS %												

**FLOOR**   **ROOM**   **PROPERTY TYPE**   **ROOM USE**   **INFO USED**   **WINDOW**   **Ex%**   **PR%**   **LOSS %**   **LOSS %**

VSC (WINDOW)							APSH (WINDOW)			LOSS %		
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.
R4	RESIDENTIAL	UNKNOWN	W4/F01	33.8	30.6	3.2	9.5%	45	13	41	10	8.9%
F02	R1	RESIDENTIAL	W1/F02	39.2	36.6	2.6	6.6%	60	18	56	15	6.7%
	R2	RESIDENTIAL	W2/F02 / INC (2)	82.4	82	0.4	0.5%	94	28	92	26	2.1%
												71%

**71 LARCHFIELD ROAD**

VSC (WINDOW)							APSH (WINDOW)			LOSS %			
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	33.1	32.7	0.4	1.2%	58	10	58	
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	23.2	22.9	0.3	1.3%	28	2	28	
			UNKNOWN	UNKNOWN	W3/F00	30.5	29	1.5	4.9%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W4/F00 / INC (2)	92.1	90.9	1.2	1.3%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W5/F00 / INC (2)	82.3	81.8	0.5	0.6%	N/A	N/A	N/A	
	R3	RESIDENTIAL	UNKNOWN	ASSUMED	W6/F00	36.8	34.6	2.2	6.0%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W7/F00	37.6	35.3	2.3	6.1%	32	1	32	
			UNKNOWN	UNKNOWN	W8/F00 / INC (2)	91.3	90.2	1.1	1.2%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W9/F00 / INC (2)	67.7	67.5	0.2	0.3%	30	2	30	
	F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	36.4	34	2.4	6.6%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W4/F01	29.4	28.9	0.5	1.7%	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F01	36.9	34.6	2.3	6.2%	N/A	N/A	N/A	

**73 LARCHFIELD ROAD**

VSC (WINDOW)							APSH (WINDOW)			LOSS %			
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	33.3	31.9	1.4	4.2%	N/A	N/A	N/A	
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	36.9	35	1.9	5.1%	N/A	N/A	N/A	
	F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	36.9	34.6	2.3	6.2%	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W3/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	
			UNKNOWN	UNKNOWN	W4/F01	28.5	28.3	0.2	0.7%	56	15	56	
			UNKNOWN	UNKNOWN	W3/F01	36.9	34.6	2.3	6.2%	N/A	N/A	N/A	

**75 LARCHFIELD ROAD**

VSC (WINDOW)							APSH (WINDOW)			LOSS %		
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.4	35.2	2.2	5.9%	N/A	N/A	N/A

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

**PROJECT NO:17987**  
**PROJECT NAME: CENTRAL MENTAL HOSPITAL**  
18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 01

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
SHD

**FLOOR**   **ROOM**   **PROPERTY TYPE**   **ROOM USE**   **INFO USED**   **WINDOW**   **Ex%**   **PR%**   **LOSS %**

VSC (WINDOW)							APSH (WINDOW)			LOSS %			
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.	
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	30.7	28.9	18	5.9%	N/A	N/A	N/A	N/A	
F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	38.3	36.2	21	5.5%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W4/F01	32.1	31.6	0.5	5.5%	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	38.3	36.2	2.1	5.5%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F02 / INC (2)	86.4	85.4	1	1.2%	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F02 / INC (2)	87.1	86.1	1	1.1%	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F02 / INC (2)	87.1	86.8	0.3	0.3%	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W4/F02 / INC (2)	61	60.1	0.9	1.5%	N/A	N/A	N/A	N/A

**77 LARCHFIELD ROAD**

VSC (WINDOW)							APSH (WINDOW)			LOSS %			
							ANNUAL	WINTER	EX.	ANNUAL	WINTER	PR.	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.9	36.1	18	4.7%	32	1	32	0.0%
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	37.4	35.8	16	4.3%	32	1	32	0.0%
			UNKNOWN	UNKNOWN	W3/F00	37.8	36	18	4.8%	32	1	32	0.0%

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW
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6 FRIARSLAND ROAD					
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	VSC (WINDOW)
					PR% LOSS % LOSS % APSH (WINDOW)
W1/F00	34	32.7	13	3.8%	55 0.0% 0.0% 43
					4 0.0% 0.0% 43
W2/F00	36.5	34.5	2	5.5%	54 1.3 17 0.0% 0.0% 43
					51 13 17 0.0% 0.0% 43
W3/F00	19.5	17.9	16	8.2%	54 1.3 17 0.0% 0.0% 43
					51 13 17 0.0% 0.0% 43
W4/F00	22.1	21.2	0.9	4.1%	49 0 15 0.0% 0.0% 43
					49 0 15 0.0% 0.0% 43
W5/F00 / INC(2)	26.1	24.8	1.3	5.0%	83 26 83 0.1% 0.1% 43
					83 26 83 0.1% 0.1% 43
W6/F00 / INC(2)	90	89.9	0.1	0.1%	79 23 79 0.1% 0.1% 43
					79 23 79 0.1% 0.1% 43
W7/F00 / INC(2)	77.2	77.1	0.1	0.1%	67 19 67 0.1% 0.1% 43
					67 19 67 0.1% 0.1% 43
W4/F00	22	21.8	0.2	0.9%	38 6 38 0.9% 0.9% 43
					38 6 38 0.9% 0.9% 43
W1/F01	36.8	34.6	2.2	6.0%	53 16 51 5.7% 5.7% 43
					53 16 51 5.7% 5.7% 43
W2/F01	36.6	34.5	2.1	5.7%	53 16 51 5.7% 5.7% 43
					53 16 51 5.7% 5.7% 43
W3/F01	36.7	34.6	2.1	5.7%	51 14 48 5.9% 5.9% 43
					51 14 48 5.9% 5.9% 43

4 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	VSC (WINDOW)
					PR% LOSS % LOSS % APSH (WINDOW)
W1/F00	22.5	20.9	1.6	7.1%	42 8 42 0.0% 0.0% 42
					8 0.0% 0.0% 42
W2/F00	23.7	23.7	0	0.0%	55 20 55 0.0% 0.0% 55
					20 0.0% 0.0% 55
W3/F00	35.3	32.6	2.7	7.6%	57 18 56 0.0% 0.0% 57
					18 0.0% 0.0% 57

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17967

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 01

8 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW
F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	VSC (WINDOW)
					PR% LOSS % LOSS % APSH (WINDOW)
W1/F01	29.6	28.3	1.3	4.4%	49 16 49 0.0% 0.0% 49
					16 0.0% 0.0% 49
W2/F01	38.9	35.9	3	7.7%	59 18 59 0.0% 0.0% 59
					18 0.0% 0.0% 59
W3/F01	38.9	35.8	3.1	8.0%	59 18 59 0.0% 0.0% 59
					18 0.0% 0.0% 59

ITERATION NO.: IR1617.20

ARCHITECT: REDDY

SHD

v2.02

10 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	VSC (WINDOW)
					PR% LOSS % LOSS % APSH (WINDOW)
W1/F00	22.5	20.9	1.6	7.1%	42 8 42 0.0% 0.0% 42
					8 0.0% 0.0% 42
W2/F00	23.7	23.7	0	0.0%	55 20 55 0.0% 0.0% 55
					20 0.0% 0.0% 55
W3/F00	35.3	32.6	2.7	7.6%	57 18 56 0.0% 0.0% 57
					18 0.0% 0.0% 57

ITERATION NO.: IR1617.20

ARCHITECT: REDDY

SHD

v2.02

37 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	VSC (WINDOW)
					PR% LOSS % LOSS % APSH (WINDOW)
W1/F00	36.3	35.9	0.3	0.8%	54 16 54 0.0% 0.0% 54
					16 0.0% 0.0% 54
W2/F00	36.2	35.9	0.3	0.8%	54 16 54 0.0% 0.0% 54
					16 0.0% 0.0% 54

ITERATION NO.: IR1617.20

ARCHITECT: REDDY

SHD



FLOOR      ROOM      PROPERTY TYPE      ROOM USE      INFO USED

F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W8/F00	34.7	34.7	0	0.0%	74	26	74	26	0.0%	0.0%
F01	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F01	34	33.8	0.2	0.6%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F01	34.1	33.8	0.3	0.9%	50	50	50	50	0.0%	0.0%
F01	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	32.2	32	0.2	0.6%	55	16	55	16	0.0%	0.0%
F01	R5	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	14.9	14.7	0.2	1.3%	19	2	19	2	0.0%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	33.7	33.5	0.2	0.6%	62	22	61	22	16%	0.0%
F02	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F01	33.7	33.5	0.2	0.6%	62	22	61	22	16%	0.0%
F02	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W7/F01	33.6	33.6	0	0.0%	71	28	71	28	0.0%	0.0%
F02	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F02	35.6	35	0.6	1.7%	71	28	71	28	0.0%	0.0%
F02	R5	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F02 / INC (2)	70.6	70.6	0	0.0%	69	20	69	20	0.0%	0.0%
F02	R6	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F02 / INC (2)	85.6	85.3	0.3	0.4%	89	27	88	27	11%	0.0%
F02	R7	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F02 / INC (2)	85.7	85.3	0.4	0.5%	89	27	88	27	11%	0.0%

15 FRIARSLAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	33.2	32.7	0.5	1.5%	53	1	53	1	33	4
F00	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00	36	35.5	0.5	1.4%	56	15	56	15	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F00	31.5	31.2	0.3	1.0%	57	17	57	17	0.0%	0.0%
F01	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	31.3	30.4	0.9	2.9%	55	17	55	17	0.0%	0.0%
F01	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	37.5	36.6	0.9	2.4%	59	17	59	17	0.0%	0.0%
F01	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F01	29.7	29.2	0.5	1.7%	52	16	52	16	0.0%	0.0%
F01	R5	RESIDENTIAL	UNKNOWN	UNKNOWN	W7/F01	32.9	32	0.9	2.7%	48	16	48	16	0.0%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F02	24.2	24.1	0.1	0.4%	55	15	55	15	0.0%	0.0%
F02	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F02 / INC (2)	17	16.7	0.3	1.8%	24	1	24	1	0.0%	0.0%
F02	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F02 / INC (2)	85.6	85.3	0.3	0.4%	89	27	88	27	11%	0.0%
F02	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F02 / INC (2)	85.7	85.3	0.4	0.5%	89	27	88	27	11%	0.0%

CENTRAL MENTAL HOSPITAL, DUNDREUM, DUBLIN (17967)  
DAYLIGHT & SUNLIGHT: IMPACT ON NEIGHBOURING PROPERTIES APPENDICES

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

FLOOR      ROOM      PROPERTY TYPE      ROOM USE      INFO USED

F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	36	35.6	0.4	1.1%	57	16	56	16	18%	0.0%
F00	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00	37.7	37	0.7	1.9%	59	18	58	18	17%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	34.6	34	0.6	1.7%	53	17	52	17	19%	0.0%
F01	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	34.6	34	0.6	1.7%	53	17	52	17	19%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	37.7	36.8	0.9	2.4%	59	18	58	18	17%	0.0%

v2.02

PROJECT NO:17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

FLOOR      ROOM      PROPERTY TYPE      ROOM USE      INFO USED

F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	35.9	35.4	0.5	1.4%	58	17	57	17	17%	0.0%
F00	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00	24.9	24.8	0.1	0.4%	50	17	50	17	17%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	34.6	33.6	1	2.9%	52	16	51	16	19%	0.0%
F01	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	37.7	36.8	0.9	2.4%	59	18	58	18	17%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	25.7	25.8	0.2	0.8%	24	0	24	0	0.0%	0.0%
F02	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F01	34.8	34.8	0	0.0%	66	5	66	5	0.0%	0.0%
F02	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W7/F01	32.6	32.1	0.5	1.5%	46	15	46	15	0.0%	0.0%
F02	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W8/F01	22.3	22	0.3	1.3%	41	14	41	14	0.0%	0.0%
F02	R5	RESIDENTIAL	UNKNOWN	UNKNOWN	W9/F01	25.7	25.2	0.5	1.9%	37	13	36	13	2.7%	0.0%
F02	R6	RESIDENTIAL	UNKNOWN	UNKNOWN	W10/F01	29.7	29.7	0	0.0%	71	15	71	15	0.0%	0.0%

v2.02

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	APSH (WINDOW)							
					Ex%	PR%	LOSS %	LOSS %	EX.	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
<b>5 FRIARSLAND ROAD (CONTINUED)</b>														
			UNKNOWN		W3/F00	34.9	34.8	0.1	0.3%	53	14	53	14	0.0%
			UNKNOWN		W4/F00	29.2	29.1	0.1	0.3%	51	13	51	13	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	31.5	31.3	0.2	0.6%					
			UNKNOWN		W2/F01	25.3	24.8	0.5	2.0%	35	12	35	12	0.0%
			UNKNOWN		W3/F01	23.7	23.2	0.5	2.1%					
R2		RESIDENTIAL	UNKNOWN		W4/F01	34.1	33.6	0.5	1.5%	50	15	50	15	0.0%
			UNKNOWN		W5/F01	23	22.7	0.3	1.3%	42	15	42	15	0.0%
<b>3 FRIARSLAND ROAD</b>														
			UNKNOWN		W1/F00	29.7	29.6	0.1	0.3%	32	4	32	4	0.0%
			UNKNOWN		W2/F00	34.8	34.7	0.1	0.3%	54	15	54	15	0.0%
			UNKNOWN		W3/F00	29.9	29.9	0	0.0%	56	17	56	17	0.0%
F00	R1	RESIDENTIAL	UNKNOWN		W1/F01	23.4	22.9	0.5	2.1%					
			UNKNOWN		W2/F01	34.1	33.6	0.5	1.5%	51	15	50	15	2.0%
			UNKNOWN		W3/F01	23.1	22.8	0.3	1.3%	42	14	41	14	2.4%
			UNKNOWN		W4/F01	25.1	24.7	0.4	1.6%	38	14	37	14	2.6%
R2		RESIDENTIAL	UNKNOWN		W5/F01	35.5	35.5	0	0.0%	84	28	84	28	0.0%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>  
(2) INC/WZ = SKY COMPONENT (INCLINED/HORIZONTAL WINDOWS)  
(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

## CUMULATIVE (SHD + S.34)

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	32.3	30.6	1.7	5.3%	45	15	44	15
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	32.7	30.1	2.6	8.0%	40	12	38	12
F01 R2	RESIDENTIAL	UNKNOWN			W2/F01	32.7	30.4	2.3	7.0%	43	15	40	15

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	26.1	22.5	3.6	13.8%	35	12	28	8
F01 R3	RESIDENTIAL	UNKNOWN			W6/F00	26.5	23.6	2.9	10.9%	37	12	30	7
F01 R4	RESIDENTIAL	UNKNOWN			W7/F00	26.7	24.3	2.4	9.0%	37	12	31	6

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	32.4	27	5.4	16.7%	49	15	37	10
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	36.4	29.4	7	19.2%	52	16	43	12
F01 R3	RESIDENTIAL	UNKNOWN			W3/F00	26.4	20.8	5.6	21.2%	37	13	29	10

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R2	RESIDENTIAL	UNKNOWN			W2/F00	32.7	27.5	5.2	15.9%	50	16	37	11
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	36.6	29.9	6.7	18.3%	52	16	43	12
F01 R3	RESIDENTIAL	UNKNOWN			W6/F00	31.5	25.7	5.8	18.4%	42	11	35	10

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	26.6	20.7	5.9	22.2%	35	11	26	8
F01 R3	RESIDENTIAL	UNKNOWN			W3/F00	26.4	20.8	5.6	21.2%	37	13	29	10
F01 R4	RESIDENTIAL	UNKNOWN			W6/F00	31.2	25.3	5.9	18.9%	45	15	34	12

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	27.6	22.4	5.2	18.8%	36	12	29	10
F01 R3	RESIDENTIAL	UNKNOWN			W4/F00	28.3	23.5	4.8	17.0%	39	14	33	12
F01 R4	RESIDENTIAL	UNKNOWN			W5/F00	31.2	25.3	5.9	18.9%	45	15	37	14

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 02

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	33	28.7	4.3	13.0%	41	11	35	11
F01 R3	RESIDENTIAL	UNKNOWN			W2/F00 / HZ(2)	40.7	39.4	1.3	3.2%	29	1	24	1
F01 R4	RESIDENTIAL	UNKNOWN			W8/F00	33.2	29.3	3.9	11.7%	49	16	43	16
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	36.3	34.6	1.7	4.7%	10	0	14	0
F01 R2	RESIDENTIAL	UNKNOWN			W2/F01	35.2	33.3	1.9	5.4%	10	0	15	0
F01 R3	RESIDENTIAL	UNKNOWN			W3/F01	34.5	28.5	6	17.4%	44	15	37	14
F01 R4	RESIDENTIAL	UNKNOWN			W4/F01	34.4	28.7	5.7	16.6%	44	15	37	14
F01 R3	RESIDENTIAL	UNKNOWN			W5/F01	34.4	28.9	5.5	16.0%	45	16	39	16

Floor	Room	Property Type	Room Use	In-Door Used	Window	Ex. %	PR. %	Loss %	Loss %	ANNUAL	WINTER	PR.	LOSS %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	31.8	29.2	2.6	8.2%	42	13	38	13
F01 R3	RESIDENTIAL	UNKNOWN			W7/F00	31.7	29.7	2	6.3%	44	15	43	14
F01 R4	RESIDENTIAL	UNKNOWN			W1/F00	22.4	19.8	2.6	11.6%	21	2	17	2
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	29.5	28.1	1.4	4.7%	10	0	15	0
F01 R2	RESIDENTIAL	UNKNOWN			W2/F01	37.8	33.8	4	10.6%	53	17	48	17
F01 R3	RESIDENTIAL	UNKNOWN			W3/F01	32.3	31.9	0.4	1.2%	79	20		

LOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX. %	PR. %	LOSS %	ANNUAL	EX. WINTER	PR. ANNUAL	PR. WINTER	ANNUAL	WINTER	LOSS %
<b>DUNDURN ROAD (HILLBROOK (CONTINUED))</b>															
00	R1	RESIDENTIAL	UNKNOWN	W1/FOO	31.9	30.7	1.2	3.8%	40	11	39	11	2.5%	0.0%	
	R3	RESIDENTIAL	UNKNOWN	W6/FOO	32.7	31.7	1	3.1%	46	15	46	15	0.0%	0.0%	
01	R1	RESIDENTIAL	UNKNOWN	W1/F01	29.4	27.6	1.8	6.1%	37	11	35	11	5.4%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.8	32.2	1.6	4.7%	43	13	41	13	4.7%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W2/FO1	22.7	22.2	1.1	1.2%	12	11	12	11	1.7%	0.0%	

DENTAL HOSPITAL, DUNDRUM, DUBLIN (1796)  
IN NEIGHBOURING PROPERTIES APPENDICE

R3	RESIDENTIAL	UNKNOWN	-	W3/F01	37.1	37.3	-0.2	-0.5%
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INHALT - SKY COMBONEMENT UND INTERNATIONALE WERBUNG

)) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL

LOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX %	PR %	LOSS %	LOSS %	APSH (WINDOW)				
										ANNUAL	WINTER	PR.		
										EX.	WINTER	ANNUAL	WINTER	LOSS %
R4	RESIDENTIAL	UNKNOWN			W4/F02	17.1	12.5	4.6	26.9%	N/A	N/A	N/A	N/A	N/A
R6	RESIDENTIAL	UNKNOWN			W6/F02	18.7	14.2	4.5	24.1%	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN			W2/F03	16.5	13.5	3	18.2%	N/A	N/A	N/A	N/A	N/A
03														
<b>LANNAVILLE RESIDENCE BLOCK 2 (CONTINUED)</b>														
R4	RESIDENTIAL	UNKNOWN			W4/F03	17.1	14.1	3	17.5%	N/A	N/A	N/A	N/A	N/A

DUNDURK ROAD									
	R3	RESIDENTIAL	UNKNOWN		W8/F00	26.7	27	-0.3	-1.1%
	R00		UNKNOWN		W9/F00	29.1	29.2	-0.1	-0.3%
			UNKNOWN		W10/F00	26.5	26.6	-0.1	-0.4%
			UNKNOWN		W11/F00 / INC (2)	63	55.1	7.9	12.5%
R4	RESIDENTIAL	UNKNOWN			W12/F00	30.4	30.3	0.1	0.3%
R5	RESIDENTIAL	UNKNOWN			W13/F00	29.6	29.2	0.4	1.4%
			UNKNOWN		W14/F00	26.1	25.8	0.3	1.1%
			UNKNOWN		W15/F00	24.2	23.6	0.6	2.5%
	R3	RESIDENTIAL	UNKNOWN		W3/F01	33.7	31.9	1.8	5.3%
R01			UNKNOWN		W4/F01	33.4	31.9	1.5	4.5%
R4	RESIDENTIAL	UNKNOWN			W5/F01	33.4	32	1.4	4.2%

ANNAVILLE TERRACE

R2	RESIDENTIAL	UNKNOWN	W2/F00	19.8	20.1	-0.3	-1.5%	N/A	N/A
		UNKNOWN	W3/F00	19.8	20.6	-0.8	-4.0%	6	0
		UNKNOWN	W4/F00	17.9	18.3	-0.4	-2.2%	19	1
		UNKNOWN	W5/F00	16.2	16.4	-0.2	-1.2%	18	0
R1	RESIDENTIAL	UNKNOWN	W1/F01	36.6	27.3	9.3	25.4%	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	W2/F01	36.6	27.5	9.1	24.9%	N/A	N/A

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	16.6	16.8	-0.2	-1.2%	23	0	23	0	0.0%	0.0%	0.0%	0.0%	
			UNKNOWN		W2/F00	15.9	16.1	-0.2	-1.3%	28	1	29	1	-3.6%	0.0%	0.0%	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W3/F00	12.7	12.8	-0.1	-0.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN	UNKNOWN		W4/F00	18.1	17.8	0.3	1.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>5 ANNAVILLE TERRACE (CONTINUED)</b>																		
R4	RESIDENTIAL	UNKNOWN	UNKNOWN		W5/F00	18	18	0	0.0%	30	9	30	9	0	0.0%	0.0%	0.0%	0.0%
			UNKNOWN		W6/F00	21.7	21	0.7	3.2%	32	9	32	9	0	0.0%	0.0%	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01 / INC (2)	87.5	81.5	6	6.9%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01 / INC (2)	87.3	81.2	6.1	7.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN		W3/F01 / INC (2)	84.9	78.7	6.2	7.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN	UNKNOWN		W4/F01	39	29.2	9.8	25.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**16 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	19.8	19.8	0	0.0%	1	0	1	0	0	0.0%	0.0%	0.0%	0.0%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F00 / Hz (2)	30.1	29.8	0.3	1.0%	20	0	20	0	0	0.0%	0.0%	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	33.9	30.1	3.8	10.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01	33.6	30.1	3.5	11.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**14 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	32	29	3	9.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F00	24.9	22.2	2.7	10.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN		W3/F00	29	26	3	10.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN		W4/F00	23.9	21.5	2.4	10.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	33	29	4	12.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01	34.2	30.2	4	11.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**12 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.6	32.1	3.5	9.8%	12	0	12	0	0	0.0%	0.0%	0.0%	0.0%
			UNKNOWN		W4/F00 / Hz (2)	39.4	39.1	0.3	0.8%	42	0	41	0	0	2.4%	0.0%	0.0%	0.0%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F00	32.4	29.7	2.7	8.3%	2	0	2	0	0	0.0%	0.0%	0.0%	0.0%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

**PROJECT NO:17987**

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN		W1/F00	29.9	27.4	2.5	8.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN		W5/F00 / Hz (2)	39.5	39.2	0.3	0.8%	41	0	40	0	0	2.4%	0.0%	0.0%	0.0%
R1	RESIDENTIAL	UNKNOWN	UNKNOWN		W1/F01	34.5	30.4	4.1	11.9%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F01	34.4	30.3	4.1	11.9%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**10 ANNNAVILLE GROVE**

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.4	32.1	3.3	9.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	UNKNOWN		W2/F00	33.8	31</											

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	EX. %	PR. %	LOSS %	LOSS %	EX.		PR.		LOSS %	
										ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	W1/FOO	26.7	26.7	0	0.0%	58	19	58	19	0.0%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W2/FOO	20.4	20.4	0	0.0%	43	14	43	14	0.0%	0.0%	
			UNKNOWN	W3/FOO	33	32.5	0.5	15%	81	23	78	22	3.7%	4.3%	
			UNKNOWN	W4/FOO	21.1	19.5	1.6	7.6%	40	13	37	13	3.3%	3.3%	
	R3	RESIDENTIAL	UNKNOWN	W5/FOO	26.8	26.2	0.6	2.2%	60	18	56	16	6.7%	11.1%	
	R4	RESIDENTIAL	UNKNOWN	W6/FOO	35.1	32.1	3	8.5%	60	19	57	19	N/A	N/A	
	R5	RESIDENTIAL	UNKNOWN	W7/FOO	33.8	31.3	2.5	7.4%	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN	W8/FOO	35.7	32.3	3.4	9.5%	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	UNKNOWN	W9/FOO	32.8	30.4	2.4	7.3%	N/A	N/A	N/A	N/A	N/A	N/A	
	R1	RESIDENTIAL	UNKNOWN	W1/FO1	32.2	31.7	0.5	1.6%	77	28	76	27	1.3%	3.6%	
	R2	RESIDENTIAL	UNKNOWN	W2/FO1	32.2	31.7	0.5	1.6%	77	28	76	27	1.3%	3.6%	
	R3	RESIDENTIAL	UNKNOWN	W3/FO1	32.7	32.1	0.6	1.8%	77	28	76	27	1.3%	3.6%	
	R4	RESIDENTIAL	UNKNOWN	W4/FO1	35.9	31.8	4.1	11.4%	N/A	N/A	N/A	N/A	N/A	N/A	
	R5	RESIDENTIAL	UNKNOWN	W5/FO1	34.6	30.5	4.1	11.8%	N/A	N/A	N/A	N/A	N/A	N/A	
	R6	RESIDENTIAL	UNKNOWN	W6/FO1	34.6	30.5	4.1	11.8%	N/A	N/A	N/A	N/A	N/A	N/A	

**CENTRAL MENTAL HOSPITAL, DUNDRELL, DUBLIN (17967)**  
DAYLIGHT & SUNLIGHT: IMPACT ON NEIGHBOURING PROPERTIES APPENDICES

2) IN\CAHZ - SKY COMBINE NTU(CI)NEEN\HOBIZCZNTU(MN)DWS\)

### 3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO: 17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL

4 ANNAVILLE GROVE (C)

	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.9	32.3	0.6	1.8%	72	25	68	23	5.6%	8.0%
			UNKNOWN	W2/F00	34.9	34.9	0	0.0%	80	26	80	26	0.0%	0.0%
			UNKNOWN	W3/F00 / INC (2)	76	75.6	0.4	0.5%	84	24	80	22	4.8%	8.3%
			UNKNOWN	W4/F00 / INC (2)	77.7	77.3	0.4	0.5%	90	26	86	24	4.4%	7.7%
			UNKNOWN	W5/F00 / INC (2)	78.1	77.6	0.5	0.6%	93	29	89	27	4.3%	6.9%
			UNKNOWN	W6/F00 / INC (2)	78.1	77.6	0.5	0.6%	93	29	89	27	4.3%	6.9%

FLOOR    ROOM    PROPERTY TYPE    ROOM USE    INFO USED

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
			UNKNOWN		W/S/F00	35.5	34.9	0.6	1.7%	82	28	78	26
R2	RESIDENTIAL		UNKNOWN		W7/F00	34.6	33.3	1.3	3.8%	N/A	N/A	N/A	4.9% 71%
R3	RESIDENTIAL		UNKNOWN		W8/F00	33.8	32.7	1.1	3.3%	N/A	N/A	N/A	N/A
R1	RESIDENTIAL		UNKNOWN		W1/F01	35.1	34.3	0.8	2.3%	78	29	76	28 2.6% 3.4%
R2	RESIDENTIAL		UNKNOWN		W2/F01	35.1	34.3	0.8	2.3%	78	29	75	27 3.8% 6.9%
R3	RESIDENTIAL		UNKNOWN		W3/F01	36.6	35.3	1.3	3.6%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL		UNKNOWN		W4/F01	33.6	32.5	1.1	3.3%	N/A	N/A	N/A	N/A

#### 7 ANNAVILLE GROVE

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.6	35.6	0	0.0%	81	26	81	26 0.0% 0.0%
R2	RESIDENTIAL		UNKNOWN		W2/F00	28.7	28.7	0	0.0%	64	20	64	20 0.0% 0.0%
R3	RESIDENTIAL		UNKNOWN		W3/F00	34.1	33.4	0.7	2.1%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL		UNKNOWN		W4/F00	33.4	32.9	0.5	1.5%	N/A	N/A	N/A	N/A
R1	RESIDENTIAL		UNKNOWN		W1/F01	34.7	34.2	0.5	1.4%	79	29	78	29 1.3% 0.0%
R2	RESIDENTIAL		UNKNOWN		W2/F01	35	34.4	0.6	1.7%	78	29	76	28 2.6% 3.4%
R3	RESIDENTIAL		UNKNOWN		W3/F01	36.2	35.3	0.9	2.5%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL		UNKNOWN		W4/F01	33.2	32.3	0.9	2.7%	N/A	N/A	N/A	N/A

#### 1 ANNNAVILLE GROVE

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOW(S))

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

FLOOR    ROOM    PROPERTY TYPE    ROOM USE    INFO USED

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.6	27.6	0	0.0%	62	22	62	22 0.0% 0.0%
R2	RESIDENTIAL		UNKNOWN		W2/F00	34	33.5	0.5	1.5%	78	23	77	23 1.3% 0.0%
R3	RESIDENTIAL		UNKNOWN		W3/F00	27.8	26.8	1	3.6%	58	19	57	19 1.7% 0.0%
R4	RESIDENTIAL		UNKNOWN		W4/F00	26.5	26.1	0.4	1.5%	67	24	65	24 3.0% 0.0%
R1	RESIDENTIAL		UNKNOWN		W5/F00	35.2	34.2	1	2.8%	79	29	75	27 5.1% 6.9%
R2	RESIDENTIAL		UNKNOWN		W2/F01	35	33.9	1.1	3.1%	82	29	78	27 4.9% 6.9%
R3	RESIDENTIAL		UNKNOWN		W4/F01	36.9	35.3	1.6	4.3%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL		UNKNOWN		W3/F01	34.1	32.2	1.9	5.6%	N/A	N/A	N/A	N/A

#### 24 ANNNAVILLE PARK (CONTINUED)

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	28.9	28.8	0.1	0.3%	66	25	66	25 0.0% 0.0%
R2	RESIDENTIAL		UNKNOWN		W2/F01	36.9	35.8	1.1	3.0%	86	28	82	26 4.7% 7.1%
R3	RESIDENTIAL		UNKNOWN		W3/F01	30.3	28	2.3	7.6%	65	23	61	21 6.2% 8.7%
R4	RESIDENTIAL		UNKNOWN		W4/F01	29.1	29	0.1	0.3%	66	25	66	25 0.0% 0.0%
R1	RESIDENTIAL		UNKNOWN		W5/F01	37.1	35.9	1.2	3.2%	86	28	82	26 4.7% 7.1%
R2	RESIDENTIAL		UNKNOWN		W6/F01	31.9	28.8	3.1	9.7%	66	23	61	21 7.6% 8.7%
R3	RESIDENTIAL		UNKNOWN		W7/F01	32.9	26.8	6.1	18.5%	N/A	N/A	N/A	N/A
R5	RESIDENTIAL		UNKNOWN		W8/F01 / INC(2)	88.3	87.3	1	1.1%	N/A	N/A	N/A	N/A
					W9/F00 / INC(2)	77.5	75.7	1.8	2.3%	N/A	N/A	N/A	N/A

#### 24 ANNNAVILLE PARK

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	28.9	28.8	0.1	0.3%	66	25	66	25 0.0% 0.0%
R2	RESIDENTIAL		UNKNOWN		W2/F01	36.9	35.8	1.1	3.0%	86	28	82	26 4.7% 7.1%
R3	RESIDENTIAL		UNKNOWN		W3/F01	30.3	28	2.3	7.6%	65	23	61	21 6.2% 8.7%
R4	RESIDENTIAL		UNKNOWN		W4/F01	29.1	29	0.1	0.3%	66	25	66	25 0.0% 0.0%
R1	RESIDENTIAL		UNKNOWN		W5/F01	37.1	35.9	1.2	3.2%	86	28	82	26 4.7% 7.1%
R2	RESIDENTIAL		UNKNOWN		W6/F01	31.9	28.8	3.1	9.7%	66	23	61	21 7.6% 8.7%
R3	RESIDENTIAL		UNKNOWN		W7/F01	33.5	31.4	2.1	6.3%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL		UNKNOWN		W8/F01	33.5	31.6	1.9	5.7%	N/A	N/A	N/A	N/A

#### 23 ANNNAVILLE PARK

			ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR%	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W4/F00	25.9	25.4	0.5	1.9%	63	23</td		

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
			UNKNOWN		W4/F01	36.4	35.5	0.9	2.5%	86	29	84	27	2.3%	6.9%			
			UNKNOWN		W5/F01	29.9	28.1	1.8	6.0%	65	23	62	21	4.6%	8.7%			
R2	RESIDENTIAL	RESIDENTIAL	UNKNOWN		W6/F01	28.4	28.4	0	0.0%	66	26	66	26	0.0%	0.0%			
			UNKNOWN		W7/F01	36.7	35.7	1	2.7%	87	29	83	27	4.6%	6.9%			
			UNKNOWN		W8/F01	30.2	28.1	2.1	7.0%	65	23	61	21	6.2%	8.7%			
R3	RESIDENTIAL	RESIDENTIAL	UNKNOWN		W1/F01	33.3	31.7	1.6	4.8%	74	17	70	17	0.0%	0.0%			
R4	RESIDENTIAL	RESIDENTIAL	UNKNOWN		W2/F01	33.3	31.7	1.6	4.8%	74	17	70	17	0.0%	0.0%			

32 SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.2	29.3	0.9	3.0%	N/A							
					W2/F00	29.7	29	0.7	2.4%	N/A							
		R2	RESIDENTIAL	UNKNOWN	W1/F01	33.6	31.9	1.7	5.1%	N/A							
F01	R1	RESIDENTIAL	UNKNOWN		W2/F01	33.3	32.1	1.2	3.6%	N/A							
		R2	RESIDENTIAL	UNKNOWN	W3/F01	26.7	26.1	0.6	2.2%	N/A							
R3	RESIDENTIAL	RESIDENTIAL	UNKNOWN		W4/F01	33.7	32.2	1.5	4.5%	N/A							
R4	RESIDENTIAL	RESIDENTIAL	UNKNOWN														

33 SOMMERRVILLE

| F00 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F00 | 30.7 | 29.9 | 0.8 | 2.6% | N/A |
|-----|----|-------------|-------------|---------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F01 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F01 | 34.1 | 32.3 | 1.8 | 5.3% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 34.1 | 32.2 | 1.9 | 5.6% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 34.1 | 32.4 | 1.7 | 5.0% | N/A |

34 SOMMERRVILLE

| F00 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F00 | 30.9 | 29.9 | 1   | 3.2% | N/A |
|-----|----|-------------|-------------|---------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F01 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F01 | 33.9 | 32   | 1.9 | 5.6% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 33.7 | 31.8 | 1.9 | 5.6% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 33.7 | 31.8 | 1.9 | 5.6% | N/A |

35 SOMMERRVILLE

| F00 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F00 | 29   | 28.3 | 0.7 | 2.4% | N/A |
|-----|----|-------------|-------------|---------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F01 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F01 | 33.5 | 31.6 | 1.9 | 5.7% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 33   | 31.3 | 1.7 | 5.2% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 33   | 31.3 | 1.7 | 5.2% | N/A |

36 SOMMERRVILLE

| F00 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F00 | 26.8 | 26.5 | 0.3 | 1.1% | N/A |
|-----|----|-------------|-------------|---------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F01 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F01 | 32.3 | 31   | 1.3 | 4.0% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 32   | 31   | 1   | 3.1% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 32   | 31   | 1   | 3.1% | N/A |

37 SOMMERRVILLE

| F00 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F00 | 26.5 | 26.5 | 0   | 0.0% | N/A |
|-----|----|-------------|-------------|---------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| F01 | R1 | RESIDENTIAL | UNKNOWN     |         | W1/F01 | 32   | 31.2 | 0.8 | 2.5% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 32.7 | 32.4 | 0.3 | 0.9% | N/A |
|     |    | R2          | RESIDENTIAL | UNKNOWN | W2/F01 | 32.9 | 32.1 | 0.2 | 0.6% | N/A |

37A SOMMERRVILLE

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.2	29.2	0	0.0%	N/A							
F01	R1	RESIDENTIAL	UNKNOWN		W2/F00	32.2	32.1	0.1	0.3%	N/A	N/A	N/A	N/A				

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX.	PR. ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
R3	R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F00	23	23.5	-0.5	-2.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R4	R4	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F00	24.9	24.9	0	0.0%	54	15	54	15	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W7/F00	18.3	18.4	-0.1	-0.5%	28	7	28	7	0.0%	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W8/F00 / HZ (2)	41.3	41.3	0	0.0%	95	28	95	28	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W9/F00	20.5	20.5	0	0.0%	47	12	47	12	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W1/F01	34.4	32.6	18	5.2%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W2/F01	13.9	10.5	3.4	24.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	10.1	8	2.1	20.8%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W4/F01	33.5	33.5	0	0.0%	77	29	77	29	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W5/F01	33.3	33.3	0	0.0%	82	27	82	27	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W6/F01	33.1	33.1	0	0.0%	87	29	87	29	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W7/F01	33	33	0	0.0%	76	29	76	29	0.0%	0.0%	0.0%
<b>2-3 ANNAVILLE LODGE (CONTINUED)</b>																
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W8/F01	35.3	35.3	0	0.0%	54	15	54	15	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W1/F02	39	36.9	2.1	5.4%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W2/F02 / INC (2)	84.7	84.7	0	0.0%	89	29	89	29	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W3/F02 / INC (2)	83	83	0	0.0%	82	27	82	27	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W4/F02 / INC (2)	83.2	83.2	0	0.0%	87	29	87	29	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W5/F02 / INC (2)	85.9	85.9	0	0.0%	92	29	92	29	0.0%	0.0%	0.0%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX.	PR. ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	32.8	32.9	-0.1	-0.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	33	33.1	-0.1	-0.3%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W3/F00	25.9	26.6	-0.7	-2.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W4/F00	30.4	30.6	-0.2	-0.7%	72	19	72	19	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W5/F00	31	31.1	-0.1	-0.3%	72	19	73	19	-1.4%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W1/F01	36	34.3	1.7	4.7%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W2/F01	36.1	34.2	1.9	5.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	37.2	31.9	5.3	14.2%	10	10	10	10	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W4/F01	34.1	33.5	0.6	1.8%	77	24	74	23	3.9%	4.2%	4.2%

v2.02

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 02

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX.	PR. ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F00	34.2	33	1.2	3.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W6/F00	13.5	13.5	0	0.0%	4	0	4	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W3/F00	36	34.6	1.4	3.9%	11	0	11	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W4/F00	34.3	33.4	0.9	2.6%	15	0	15	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W5/F00	34.8	33.8	1	2.9%	9	0	9	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W6/F00	34	33.4	0.6	1.8%	13	0	13	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W7/F00	34.8	33.8	1	2.9%	9	0	9	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W8/F00	34.4	33.7	0.7	2.0%	10	0	10	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W9/F00	34.1	33.5	0.6	1.8%	10	0	10	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W10/F00	14	14	0	0.0%	23	6	23	6	0.0%	0.0%	0.0%

25A ANNATVILLE PARK (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. EX.	PR. ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	34.2	33	1.2	3.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	13.5	13.5	0	0.0%	4	0	4	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W3/F00	36	34.6	1.4	3.9%	11	0	11	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W4/F00	34.3	33.4	0.9	2.6%	15	0	15	0	0.0%	0.0%	0.0%
			UNKNOWN	UNKNOWN	W5/F00	34.8	33.8									

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
UNKNOWN																
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F00	29.5	29	0.5	1.7%	60	18	57	15	5.0%	16.7%		
R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F00	28.4	27.8	0.6	2.1%	56	19	53	16	5.4%	15.8%		
F01	R2	RESIDENTIAL	UNKNOWN	W1/F01 / INC (2)	30.1	29.6	0.5	1.7%	53	9	51	7	3.8%	22.2%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F01 / INC (2)	77	76.9	0.1	0.1%	55	23	53	21	3.6%	8.7%		
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W5/F01	31	29.9	1.1	3.5%	55	23	53	21	3.6%	8.7%		
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W6/F01	30.3	29.3	1	3.3%	55	23	53	21	3.6%	8.7%		
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01 / INC (2)	81.1	79.9	1.2	1.5%	88	28	85	25	3.4%	10.7%		
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	36.6	34.5	2.1	5.7%	72	25	68	21	5.6%	16.0%		

#### 7 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
UNKNOWN																
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00 / INC (2)	81.8	81.8	0	0.0%	72	13	70	1	2.8%	15.4%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00 / INC (2)	79.9	79.3	0.6	0.8%	73	15	72	14	1.4%	6.7%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F00 / INC (2)	87.9	87.8	0.1	0.1%	80	19	75	14	6.3%	26.3%		
7 MULVEY PARK (CONTINUED)																
F01	R1	RESIDENTIAL	UNKNOWN	W4/F00 / INC (2)	75.3	74.8	0.5	0.7%	69	18	66	15	4.3%	16.7%		
F01	R1	RESIDENTIAL	UNKNOWN	W5/F00	31.2	30.3	0.9	2.9%	68	22	65	19	4.4%	13.6%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F01	34.7	33	1.7	4.9%	66	22	63	19	4.5%	13.6%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F01	33.6	32.2	1.4	4.2%	63	19	60	16	4.8%	15.8%		

#### 2 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
UNKNOWN																
F00	R1	RESIDENTIAL	UNKNOWN	W2/F00	29	27.8	1.2	4.1%	61	19	60	18	16%	5.3%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F00 / INC (2)	71.3	71.2	0.1	0.1%	63	15	60	14	0.0%	0.0%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	35.1	34	11	3.1%	81	24	80	23	1.2%	4.2%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F01	33.4	31.9	1.5	4.5%	78	27	78	27	0.0%	0.0%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	33.5	31.9	16	4.8%	77	26	77	26	0.0%	0.0%		

#### 3 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	LOSS %
UNKNOWN																
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.9	27.1	0.8	2.9%	52	19	50	17	3.8%	10.5%		
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00	34.9	34.2	0.7	2.0%	71	23	70	21	1.4%	8.7%		
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	35.4	34.2	12	3.4%	67	24	67	24	0.0%	0.0%		

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE 02

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#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE 02

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v2.02

#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE

Floor	Room	Property Type	Room Use	Info Used	Window	Ex%	PR%	Loss %	Loss %	Annual	Winter	Annual	Winter	PR%	Loss %
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	31.2	30.3	0.9	2.9%	63	18	61	16	3.2%	11.1%
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	35.5	33.9	16	4.5%	68	24	67	23	1.5%	4.2%
R2	RESIDENTIAL	UNKNOWN			W2/F01	35.5	33.8	17	4.8%	68	24	66	22	2.9%	8.3%

5 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

6 MULVEY PARK

Floor	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN		
F01 R1	RESIDENTIAL	UNKNOWN		

7 MULVEY PARK

Floor	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN
R2	RESIDENTIAL	UNKNOWN

8 MULVEY PARK

Floor	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN
R2	RESIDENTIAL	UNKNOWN

9 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

10 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

11 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

12 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

13 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

14 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

15 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

1 KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 02

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	Apsh (Window)
F00 R1	RESIDENTIAL	UNKNOWN			W1/F00	31.2	30.3
F01 R1	RESIDENTIAL	UNKNOWN			W1/F01	35.5	33.9
R2	RESIDENTIAL	UNKNOWN			W2/F01	35.5	33.8

1 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

2 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

3 MULVEY PARK

Floor	R1	R2	R1	R2	R1	R2
F00 R1	RESIDENTIAL	UNKNOWN				
F01 R1	RESIDENTIAL	UNKNOWN				
R2	RESIDENTIAL	UNKNOWN				

4 MULVEY PARK</p

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>16 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.2	31.7	0.5	1.6%	80	22	79	21	1.3%	4.5%	
	R2	RESIDENTIAL	UNKNOWN	W2/F00	34.5	33.2	1.3	3.8%	83	25	81	23	2.4%	8.0%	
			UNKNOWN	W3/F00	32.9	32.7	0.2	0.6%	50	16	49	15	2.0%	6.3%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	32.6	30.7	1.9	5.8%	74	27	71	24	4.1%	11.1%	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	32.6	30.7	1.9	5.8%	77	27	74	24	3.9%	11.1%	
			UNKNOWN	W3/F01	32.8	32.4	0.4	1.2%	42	14	41	13	2.4%	7.1%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>57A MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	25.8	26.1	-0.3	-1.2%	49	11	49	11	0.0%	0.0%	
			UNKNOWN	W2/F00	28.9	29.2	-0.3	-1.0%	47	9	49	11	-4.3%	-22.2%	
			UNKNOWN	W3/F00	29.4	29.6	-0.2	-0.7%	68	13	69	14	-1.5%	-7.7%	
			UNKNOWN	W4/F00	30.9	31	-0.1	-0.3%	71	16	71	16	0.0%	0.0%	
			UNKNOWN	W5/F00	31.3	31.3	0	0.0%	34	6	34	6	0.0%	0.0%	
			UNKNOWN	W6/F00	30.4	30.4	0	0.0%	35	6	35	6	0.0%	0.0%	
			UNKNOWN	W7/F00	28.8	28.7	0.1	0.3%	33	6	33	6	0.0%	0.0%	
			UNKNOWN	W8/F00 / INC(2)	87.8	87.3	0.5	0.6%	92	27	91	26	11%	3.7%	
			UNKNOWN	W9/F00 / INC(2)	88.5	88.1	0.4	0.5%	93	27	91	25	2.2%	7.4%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01 / INC(2)	88.2	87.4	0.8	0.9%	94	28	94	28	0.0%	0.0%	
			UNKNOWN	W2/F01	36.9	35.6	1.3	3.5%	81	27	81	27	0.0%	0.0%	
			UNKNOWN	W3/F01	37.2	35.8	1.4	3.8%	82	27	81	26	1.2%	3.7%	
	R2	RESIDENTIAL	UNKNOWN	W6/F01	35.2	34.8	0.4	1.1%	59	19	59	19	0.0%	0.0%	
			UNKNOWN	W4/F01	37.4	35.9	1.5	4.0%	83	28	82	27	1.2%	3.6%	
			UNKNOWN	W5/F01	36.3	36.2	0.1	0.3%	36	9	36	9	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>57 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	30.8	30.6	0.2	0.6%	67	22	65	20	3.0%	9.1%	
			UNKNOWN	W2/F00	22.6	22.4	0.2	0.9%	40	14	39	13	2.5%	7.1%	
	R2	RESIDENTIAL	UNKNOWN	W3/F00	23.7	23.4	0.3	1.3%	54	19	53	18	1.9%	5.3%	

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>57 MULVEY PARK (CONTINUED)</b>															
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	36.5	35.2	1.3	3.6%	78	28	77	27	1.3%	3.6%	
			UNKNOWN	W2/F01	29.5	29.2	0.3	1.0%	50	15	50	15	0.0%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W3/F01 / INC(2)	35	33.7	1.3	3.7%	73	27	72	26	1.4%	3.7%	
			UNKNOWN	W3/F01	77.8	76.7	1.1	1.4%	79	24	79	24	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %
<b>58 MULVEY PARK</b>															
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	32.7	32.5	0.2	0.6%	70	21	71	22	-1.4%	-4.8%	
			UNKNOWN	W2/F00	28.1	27.9	0.2	0.7%	61	21	61	21	0.0%	0.0%	
			UNKNOWN	W3/F00 / INC(2)	71.3	70.5	0.8	1.1%	92	28	90	26	2.2%	7.1%	
			UNKNOWN	W4/F00 / INC(2)	67.6	66.9	0.7	1.0%	86	28	84	26	2.3%	7.1%	
			UNKNOWN	W5/F00 / INC(2)	62.5	61.7	0.8	1.3%	80	28	78	26	2.5%	7.1%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	37.4	35.8	1.6	4.3%	78	28	78	28	0.0%	0.0%	
			UNKNOWN	W2/F01	35.8	34.3	1.5	4.2%	75	28	75	28	0.0%	0.0%	
			UNKNOWN	W3/F01 / INC(2)	73.3	73.1	0.2	0.3%	68	17	68	17	0.0%	0.0%	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	ANNUAL	WINTER	PR.	LOSS %





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F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	17.6	17.2	0.4	2.3%	44	13	43	12	2.3%	7.7%
	R2	RESIDENTIAL	UNKNOWN		W2/F00 / HZ(2)	49.8	49.7	0.1	0.2%	91	28	89	26	2.2%	7.1%
			UNKNOWN		W3/F00 / HZ(2)	48.3	48.2	0.1	0.2%	95	28	93	26	2.1%	7.1%
61	MULVEY PARK (CONTINUED)				W4/F00 / HZ(2)	49.2	49.2	0	0.0%	96	28	94	26	2.1%	7.1%
			UNKNOWN		W5/F00 / HZ(2)	49.3	49.3	0	0.0%	96	28	94	26	2.1%	7.1%
F01	R1	RESIDENTIAL	UNKNOWN		W6/F00	34.6	34.1	0.5	1.4%	78	23	78	23	0.0%	0.0%
			UNKNOWN		W1/F01	38.2	36.9	1.3	3.4%	83	28	83	28	0.0%	0.0%

F00	R1	RESIDENTIAL	UNKNOWN		W4/F00	27.7	27.3	0.4	1.4%	52	15	52	15	0.0%	0.0%
	R2	RESIDENTIAL	UNKNOWN		W1/F00	26.1	25.7	0.4	1.5%	52	12	52	12	0.0%	0.0%
			UNKNOWN		W2/F00	28.6	28.6	0	0.0%	35	13	35	13	0.0%	0.0%
			UNKNOWN		W3/F00	20	20	0	0.0%	35	13	35	13	0.0%	0.0%
			UNKNOWN		W5/F00 / INC(2)	47	46.7	0.3	0.6%	44	13	44	13	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	35	33.9	1.1	3.1%	72	22	72	22	0.0%	0.0%
			UNKNOWN		W2/F01	38.5	37.3	1.2	3.1%	83	28	83	28	0.0%	0.0%

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.8	28.5	0.3	1.0%	63	21	63	21	0.0%	0.0%
			UNKNOWN		W2/F00 / HZ(2)	39.2	39.2	0	0.0%	91	28	91	28	0.0%	0.0%
			UNKNOWN		W3/F00 / HZ(2)	44	44	0	0.0%	91	28	94	28	0.0%	0.0%
			UNKNOWN		W4/F00 / HZ(2)	49.4	49.3	0.1	0.2%	94	28	94	28	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	38.4	37.1	1.3	3.4%	83	28	83	28	0.0%	0.0%
			UNKNOWN		W2/F01	38.5	37.3	1.2	3.1%	83	28	83	28	0.0%	0.0%

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	28.8	27.8	0.6	2.1%	59	20	59	20	0.0%	0.0%
			UNKNOWN		W2/F00	37.8	36.6	1.2	3.2%	80	25	80	25	0.0%	0.0%
			UNKNOWN		W2/F01	38.2	37	1.2	3.1%	83	28	83	28	0.0%	0.0%
			UNKNOWN		W3/F00	33.8	33.1	0.7	2.1%	72	25	71	24	1.4%	40%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	26.7	26.5	0.2	0.7%	42	13	42	13	0.0%	0.0%
			UNKNOWN		W2/F01	38.1	37	1.1	2.9%	83	28	83	28	0.0%	0.0%
			UNKNOWN		W3/F01	38.2	37.2	1	2.6%	81	28	81	28	0.0%	0.0%

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	25.8	25.3	0.5	1.0%	54	18	54	18	0.0%	0.0%
			UNKNOWN		W2/F00	33.8	33.1	0.7	2.1%	72	25	71	24	1.4%	40%
			UNKNOWN		W1/F01	26.7	26.5	0.2	0.7%	42	13	42	13	0.0%	0.0%
65	MULVEY PARK (CONTINUED)				W2/F01	38.1	37	1	2.9%	83	28	83	28	0.0%	0.0%
			UNKNOWN		W3/F00	38.2	37.2	1	2.6%	81	28	81	28	0.0%	0.0%
66	MULVEY PARK				W1/F01	65.3	65.2	0.1	0.2%	76	23	76	23	0.0%	0.0%
F00	R1	RESIDENTIAL	UNKNOWN		W2/F00 / INC(2)	81.5	81.4	0.1	0.1%	81	23	81	23	0.0%	0.0%
			UNKNOWN		W3/F00	35.7	35.3	0.4	1.1%	79	24	79	24	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	38	37	1	2.6%	80	28	80	28	0.0%	0.0%
			UNKNOWN		W2/F01	37.2	36.3	0.9	2.4%	78	28	78	28	0.0%	0.0%

F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	25.7	25.7	0	0.0%	51	15	51	15	0.0%	0.0%
			UNKNOWN		W2/F00	21.5	21.2	0.3	1.4%	49	16	49	16	0.0%	0.0%
			UNKNOWN		W1/F01	36.1	35.2	0.9	2.5%	75	27	75	27	0.0%	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W2/F01	31.5	30.5	1	3.2%	65	24	65	24	0.0%	0.0%
			UNKNOWN		W3/F01	34	34	0	0.0%	75	27	75	27	0.0%	0.0%

F00	R1(3)	RESIDENTIAL	UNKNOWN		W1/F00	28.8	28.8	0	0.0%	62	13	62	13	0.0%	0.0%


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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.2	33.2	0	0.0%	75	22	0.0%
			UNKNOWN		W2/F00	32.2	32.2	0	0.0%	73	21	0.0%
			UNKNOWN		W3/F00	32.7	32.7	0	0.0%	71	21	0.0%
F01	R1	RESIDENTIAL	UNKNOWN		W4/F00	20.4	20.4	0	0.0%			
			UNKNOWN		W1/F01	37.5	36.9	0.6	1.6%	79	24	0.0%

#### 70 MULVEY PARK (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	38.1	37.4	0.7	1.8%	81	26	0.0%
			UNKNOWN		W2/F01	38.3	37.6	0.7	1.8%	80	26	0.0%
			UNKNOWN		W4/F01	30.4	30.4	0	0.0%			

#### 71 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.4	33.2	0.2	0.6%	74	20	0.0%
			UNKNOWN		W2/F00	18.3	18.3	0	0.0%	45	13	0.0%
			UNKNOWN		W3/F00	23.3	23.3	0	0.0%	51	17	0.0%
			UNKNOWN		W4/F00	18.8	18.8	0	0.0%	36	11	0.0%
			UNKNOWN		W1/F01	38.4	37.9	0.5	1.3%	83	28	0.0%
			UNKNOWN		W2/F01	38.4	37.8	0.6	1.6%	83	28	0.0%
			UNKNOWN		W3/F01	27.5	27.1	0.4	1.5%	43	15	0.0%

#### 72 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.4	29.4	0	0.0%	62	18	0.0%
			UNKNOWN		W2/F00	18.9	18.9	0	0.0%	38	2	0.0%
			UNKNOWN		W1/F01	38.4	37.8	0.6	1.6%	84	29	0.0%
			UNKNOWN		W2/F01	38.4	37.9	0.5	1.3%	84	29	0.0%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	29.6	29.6	0	0.0%	64	22	0.0%
			UNKNOWN		W2/F00	31.3	31.3	0	0.0%	65	17	0.0%
			UNKNOWN		W3/F00 / INC (2)	91.7	91.5	0.2	0.2%	96	29	0.0%
			UNKNOWN		W4/F00	21.8	21.8	0	0.0%	47	17	0.0%

#### 73 MULVEY PARK (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
					W5/F00 / INC (2)	70.3	70	0.3	0.4%	78	23	0.0%
					W6/F00	11.4	11.4	0	0.0%	21	0	0.0%
					W1/F01	38.2	37.7	0.5	1.3%	83	29	0.0%
					W2/F01	38.4	37.9	0.5	1.3%	84	29	0.0%

#### 74 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.4	34.4	0	0.0%	76	22	0.0%
			UNKNOWN		W2/F00	28.5	28.5	0	0.0%	N/A	N/A	N/A
			UNKNOWN		W3/F00	17.2	17.2	0	0.0%	N/A	N/A	N/A
			UNKNOWN		W4/F00	17.7	17.7	0	0.0%	35	2</td	

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	28.7	28.7	0	0.0%	55	13	55	13
	R2	RESIDENTIAL	UNKNOWN		W2/F01	35.8	35.7	0.1	0.3%	76	21	76	21

77 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	30.4	30.4	0	0.0%	62	19	62	19
	R2	RESIDENTIAL	UNKNOWN		W2/F00	33.6	33.3	0.3	0.9%	76	24	75	23
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	37.8	37.5	0.3	0.8%	80	25	80	25
	R2	RESIDENTIAL	UNKNOWN		W2/F01	37.9	37.5	0.4	1.1%	84	29	83	28

78 MULVEY PARK

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	38	37.6	0.4	1.1%	84	29	83	28
	R2	RESIDENTIAL	UNKNOWN		W2/F01	37.9	37.5	0.4	1.1%	84	29	83	28

87 LARCHFIELD ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.9	25.4	2.5	9.0%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	26.7	23.2	3.5	13.1%	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN			W3/F00	29.8	26.7	3.1	10.4%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL	UNKNOWN			W4/F00	26.5	25.4	1.1	4.2%	N/A	N/A	N/A	N/A
					W5/F00	23.1	21.8	1.3	5.6%	22	0	23	0
R5	RESIDENTIAL	UNKNOWN			W6/F00	22	19.6	2.4	10.9%	N/A	N/A	N/A	N/A
R6	RESIDENTIAL	UNKNOWN			W7/F00	27.8	24.7	3.1	11.2%	N/A	N/A	N/A	N/A
R7	RESIDENTIAL	UNKNOWN			W8/F00	28	24.6	3.4	12.1%	N/A	N/A	N/A	N/A
	R1	RESIDENTIAL	UNKNOWN		W1/F01	39.1	36.3	2.8	7.2%	64	20	63	20
R2	RESIDENTIAL	UNKNOWN			W2/F01	39.2	36.9	2.3	5.9%	64	20	64	20
R3	RESIDENTIAL	UNKNOWN			W3/F01	39.2	37.2	2	5.1%	64	20	64	20
R4	RESIDENTIAL	UNKNOWN			W4/F01 / INC (2)	65.8	65.7	0.1	0.2%	69	22	69	22
R5	RESIDENTIAL	UNKNOWN			W5/F01 / INC (2)	95.5	95.3	0.2	0.2%	92	28	92	28

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.8	27.8	0	0.0%	39	5	39	5
	R2	RESIDENTIAL	UNKNOWN		W2/F00	28.4	27.8	0.6	2.1%	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN			W3/F00	30	29.1	0.9	3.0%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL	UNKNOWN			W1/F01	37.8	35.9	1.9	5.0%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F01	35	33.2	1.8	5.1%	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN			W3/F01	35.1	33.3	1.8	5.1%	N/A	N/A	N/A	N/A
R5	RESIDENTIAL	UNKNOWN			W4/F01 / INC (2)	27.9	35.9	1.8	4.8%	N/A	N/A	N/A	N/A

83 LARCHFIELD ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	27.3	26	1.3	4.8%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	32.8	31.8	1	3.0%	N/A	N/A	N/A	N/A
R3	RESIDENTIAL	UNKNOWN			W3/F00	36.4	34.5	1.9	5.2%	N/A	N/A	N/A	N/A
R4	RESIDENTIAL	UNKNOWN			W1/F01	35	33.2	1.8	5.1%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F01	35.1	33.3	1.8	5.1%	N/A	N/A	N/A	N/A

FLOOR ROOM PROPERTY TYPE ROOM USE INFO USED WINDOW VSC (WINDOW) APSH (WINDOW)

				UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										
F02	R1	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										

54 FRIARSISLAND ROAD

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										

54 FRIARSISLAND ROAD (CONTINUED)

	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										

52 FRIARSISLAND ROAD

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R5	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R6	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R7	RESIDENTIAL	UNKNOWN	UNKNOWN										

50 FRIARSISLAND ROAD

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 02

FLOOR ROOM PROPERTY TYPE ROOM USE INFO USED WINDOW VSC (WINDOW) APSH (WINDOW)

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										

48 FRIARSISLAND ROAD

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										

46 FRIARSISLAND ROAD

	F00	R1	RESIDENTIAL	UNKNOWN										
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R3	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R4	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R5	RESIDENTIAL	UNKNOWN	UNKNOWN										
	R6	RESIDENTIAL	UNKNOWN	UNKNOWN										

42 FRIARSISLAND ROAD






<tbl\_r cells="15" ix="5" maxcspan="1" maxrspan="1" usedcols="1

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.2	32.7	2.5	7.1%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.7	33.1	2.6	7.3%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W3/F00	35.2	32.7	2.5	7.1%	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN		W4/F00	31.4	29.4	2	6.4%	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN		W1/FOL / INC (2)	87.2	85.8	1.4	1.6%	N/A	N/A	N/A	N/A

38 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.4	30.2	4.2	12.2%	52	16	43	12
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.7	30.3	4.4	12.7%	53	16	43	12
	R3	RESIDENTIAL	UNKNOWN		W4/F00 / HZ (2)	14.3	14.3	0	0.0%	59	14	52	11
	R3	RESIDENTIAL	UNKNOWN		W3/F00	34.6	30.3	4.3	12.4%	50	13	42	11
	R4	RESIDENTIAL	UNKNOWN		W5/F00	33.8	29.9	3.9	11.5%	45	8	39	8

40 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.3	30.5	2.8	8.4%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.7	31.6	4.1	11.5%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN		W3/F00	34.2	30.7	3.5	10.2%	N/A	N/A	N/A	N/A

36 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.2	31.3	1.9	5.7%	12	0	6	0
			UNKNOWN		W2/F00	33.9	31.9	2	5.9%	12	0	6	0
			UNKNOWN		W3/F00	35.5	33.3	2.2	6.2%	13	0	7	0
			UNKNOWN		W4/F00	36.6	31	5.6	15.3%	59	18	50	15
			UNKNOWN		W5/F00	36.7	31.3	5.4	14.7%	59	18	50	15
			UNKNOWN		W6/F00	36.8	31.5	5.3	14.4%	58	18	50	15
			UNKNOWN		W7/F00 / HZ (2)	33.8	33.8	0	0.0%	77	22	71	19
			UNKNOWN		W8/F00 / HZ (2)	42.2	42.2	0	0.0%	56	16	56	16
			UNKNOWN		W9/F00 / HZ (2)	33.6	33.6	0	0.0%	47	10	42	8
			UNKNOWN		W10/F00 / HZ (2)	29.5	29.5	0	0.0%	32	3	30	1

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F01	R1	RESIDENTIAL	UNKNOWN		W1/F01	38.6	33.8	4.8	12.4%	58	17	52	14

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	24	23.1	0.9	3.7%	39	15	37	13
			UNKNOWN		W2/F00 / HZ (2)	9.6	9.6	0	0.0%	65	20	62	19
			UNKNOWN		W3/F00 / HZ (2)	9.4	9.4	0	0.0%	65	20	62	18
	R1	RESIDENTIAL	UNKNOWN		W1/FOL	38.7	35	3.7	9.6%	59	18	57	17
	R2	RESIDENTIAL	UNKNOWN		W2/FOL	38.8	35.1	3.7	9.5%	59	18	57	17
	R3	RESIDENTIAL	UNKNOWN		W3/FOL	38.8	35.1	3.7	9.5%	59	18	56	16

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.1	29.8	3.3	10.0%	43	12	39	9

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	LOSS %
										ANNU			

CENTRAL MENTAL HOSPITAL, DUNDRELL, DUBLIN (1796)  
DAYLIGHT & SUNLIGHT: IMPACT ON NEIGHBOURING PROPERTIES APPENDICES

) KITCHEN SMALLER THAN 13m<sup>2</sup>

) INCL\HZ = SKY COMPONENT (INCLINED\HORIZONTAL WINDOWS)

### 3) SINGLE ASPECT ROOM DEEPER THAN 5m

ITERATION NO.: IR16.17.20  
ARCHITECT: REDDY

) KITCHEN SMALLER THAN 13m<sup>2</sup>

Floor	Room	Property Type	Room Use	Info Used	Window	VSC (Window)	PR %	Loss %	Loss %	Ex. ANNUAL	Ex. WINTER	PR. ANNUAL	PR. WINTER	LOSS % ANNUAL	LOSS % WINTER
			UNKNOWN	UNKNOWN	W2/F00	311	30.4	0.7	2.3%	0	0	N/A	N/A	0.0%	0.0%
			UNKNOWN	UNKNOWN	W3/F00	222	21.9	0.3	1.4%	30	0	29	0	3.3%	0.0%
			UNKNOWN	UNKNOWN	W5/F00 / HZ (2)	26	26	0	0.0%	29	1	28	1	3.4%	0.0%
R2	R1	RESIDENTIAL	RESIDENTIAL	UNKNOWN	W4/F00	25.6	25.3	0.3	1.2%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	RESIDENTIAL	UNKNOWN	W2/F01	37.8	36.2	1.6	4.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W3/F01	38.2	36.4	1.8	4.7%	N/A	N/A	N/A	N/A	N/A	N/A
R2	R1	RESIDENTIAL	RESIDENTIAL	UNKNOWN	W4/F01	38.3	36.5	1.8	4.7%	N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	RESIDENTIAL	UNKNOWN	W1/F02	39.1	37.8	1.3	3.3%	22	1	21	1	4.5%	0.0%
			UNKNOWN	UNKNOWN	W2/F02	39.1	37.8	1.3	3.3%	22	1	21	1	4.5%	0.0%
			UNKNOWN	UNKNOWN	W3/F02 / INC (2)	83.5	0	0.0%	91	29	91	29	0.0%	0.0%	

#### 45 LARCHFIELD ROAD

F00 R1 RESIDENTIAL UNKNOWN UNKNOWN

R2 RESIDENTIAL UNKNOWN UNKNOWN

R3 RESIDENTIAL UNKNOWN UNKNOWN

#### 45 LARCHFIELD ROAD (CONTINUED)

F01 R1 RESIDENTIAL UNKNOWN UNKNOWN

R2 RESIDENTIAL UNKNOWN UNKNOWN

R3 RESIDENTIAL UNKNOWN UNKNOWN

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### 43 LARCHFIELD ROAD

F00 R1 RESIDENTIAL UNKNOWN UNKNOWN

R2 RESIDENTIAL UNKNOWN UNKNOWN

R3 RESIDENTIAL UNKNOWN UNKNOWN

#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE 02

v2.02

#### 47 LARCHFIELD ROAD

F00 R1 RESIDENTIAL UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

#### 49 LARCHFIELD ROAD

F00 R1 RESIDENTIAL UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE 02

v2.02

#### 51 LARCHFIELD ROAD

F00 R1 RESIDENTIAL UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

UNKNOWN ASSUMED

#### DAYLIGHT AND SUNLIGHT EXISTING VS. PROPOSED RELEASE 05, ISSUE 02

v2.02

FLOOR | ROOM | PROPERTY TYPE | ROOM USE | INFO USED | WINDOW | VSC (WINDOW) | APASH (WINDOW)

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.8	34.5	3.3	8.7%	9	18	1	5.3%	0.0%
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W4/F00	29.5	26.9	2.6	8.8%	10	10	1	3.7%	0.0%	
R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	36.5	33.9	2.6	7.1%	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	36.5	33.8	2.7	7.4%	10	10	1	3.0%	0.0%	
R3	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F01	37.2	34.5	2.7	7.3%	N/A	N/A	N/A	N/A	N/A	N/A

53 LARCHFIELD ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.1	32.8	3.3	9.1%	N/A	N/A	N/A	N/A	N/A	
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	35.3	32.2	3.1	8.8%	10	10	1	26	1	3.7%	0.0%
R1	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F00	36.2	33	3.2	8.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W4/F00 / INC (2)	78.9	76.5	2.4	3.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R1	RESIDENTIAL	UNKNOWN	ASSUMED	W5/F00 / INC (2)	78.6	76.2	2.4	3.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W6/F00	34.4	31.7	2.7	7.8%	10	10	1	26	1	3.7%	0.0%
R3	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	37	34.2	2.8	7.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
R1	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	35.7	32.9	2.8	7.8%	10	10	1	26	1	3.7%	0.0%

53 LARCHFIELD ROAD (CONTINUED)

R3 RESIDENTIAL UNKNOWN ASSUMED W3/F01 35.4 32.5 2.9 8.2% N/A N/A N/A N/A N/A N/A

v2.02

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17967

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR | ROOM | PROPERTY TYPE | ROOM USE | INFO USED | WINDOW | VSC (WINDOW) | APASH (WINDOW)

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.3	32.8	3.5	9.6% <th data-kind="parent" data-rs="2">N/A<td data-kind="parent" data-rs="2">N/A</td><td data-kind="parent" data-rs="2">N/A</td><td data-kind="parent" data-rs="2">N/A</td><td data-kind="parent" data-rs="2">N/A</td></th>	N/A <td data-kind="parent" data-rs="2">N/A</td> <td data-kind="parent" data-rs="2">N/A</td> <td data-kind="parent" data-rs="2">N/A</td> <td data-kind="parent" data-rs="2">N/A</td>	N/A	N/A	N/A	N/A

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	VSC (WINDOW)						APSH (WINDOW)					
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %
			UNKNOWN		W6/F01	33.7	33.1	0.6	1.8%	61	16	60	16	16	16	0.0%
			UNKNOWN		W7/F01	32.1	31.5	0.6	1.9%	61	15	60	15	15	15	0.0%

#### 63 LARCHFIELD ROAD

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)						APSH (WINDOW)						
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %	
			UNKNOWN		W1/F00	36.8	33.8	3	8.2%	32	1	31	1	40	1	4.5%	0.0%
			UNKNOWN		W2/F00	26.4	26	0.4	1.5%	41	1	40	1	2.4%	0.0%		
			UNKNOWN		W4/F00 / HZ (2)	34	34	0	0.0%	38	1	38	1	0.0%	0.0%		
			UNKNOWN		W3/F00	22.3	20.5	1.8	8.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W1/F01	36.7	34.2	2.5	6.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W2/F01	36.9	34.2	2.7	7.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W4/F01	31.4	31.3	0.1	0.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W3/F01	37	34.1	2.9	7.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

#### 65 LARCHFIELD ROAD (CONTINUED)

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)						APSH (WINDOW)						
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %	
			UNKNOWN		W1/F00	21.1	19.8	13	6.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W2/F00	37.8	34.4	3.4	9.0%	7.6%	N/A	N/A	N/A	N/A	N/A	N/A	

#### 67 LARCHFIELD ROAD

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)						APSH (WINDOW)						
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %	
			UNKNOWN		W1/F00	27.5	25.9	16	5.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
			UNKNOWN		W2/F00	36.9	34.1	2.8	7.6%	4.9%	N/A	N/A	N/A	N/A	N/A	N/A	

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

#### 69 LARCHFIELD ROAD

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)						APSH (WINDOW)					
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %
			UNKNOWN		W1/F00	34.9	33.4	15	4.3%	35	1	32	1	0.0%	0.0%	
			UNKNOWN		W2/F00	21.3	21.1	0.2	0.9%	27	1	27	1	0.0%	0.0%	

#### 16 FRIARSLAND ROAD

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)						APSH (WINDOW)					
					WINDOW	Ex%	PR%	LOSS %	LOSS %	ANNUAL	WINTER	EX%	PR%	ANNUAL	WINTER	LOSS %
			UNKNOWN		W1/B01	27.1	24.9	2.2	8.1%	33	1	31	1	6.1%	0.0%	
			UNKNOWN		W1/F00	35.9	32.1	3.8	10.6%	54	16	50	13	7.4%	18.8%	
			UNKNOWN		W2/F00 / INC (2)	85.6	83.7	19	2.2%	73	3	68	19	6.8%	13.6%	

#### 16 FRIARSLAND ROAD (CONTINUED)

FLOOR	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	VSC (WINDOW)	
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FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER ANNUAL	WINTER ANNUAL	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	35.9	32.4	3.5	9.7%	58	18	55	17	5.2%	5.6%	
			UNKNOWN	W2/F00 / HZ (2)	30.9	30.9	0	0.0%	71	19	69	18	2.8%	5.3%	
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F00	38.6	34.2	4.4	11.4%	59	18	57	18	3.4%	0.0%	
	R2	RESIDENTIAL	UNKNOWN	W4/F00	31.7	28.3	3.4	10.7%	42	2	38	2	9.5%	0.0%	
			UNKNOWN	W5/F00 / HZ (2)	33.2	33.2	0	0.0%	76	21	76	21	0.0%	0.0%	
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	34.6	31	3.6	10.4%	48	16	46	15	4.2%	6.3%	
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.3	29.9	3.4	10.2%	47	16	46	16	2.1%	0.0%	
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	33.2	29.8	3.4	10.2%	47	16	46	16	2.1%	0.0%	
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02 / INC (2)	82.3	80.5	1.8	2.2%	84	25	83	25	1.2%	0.0%	
			UNKNOWN	W2/F02 / INC (2)	83.4	81.6	1.8	2.2%	84	25	83	25	1.2%	0.0%	

#### 14 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	38.4	33.7	4.7	12.2%	58	17	53	15	8.6%	11.8%
			UNKNOWN	W5/F00 / INC (2)	69	68.1	0.9	1.3%	64	20	61	18	4.7%	10.0%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F00	36.7	32.2	4.5	12.3%	55	14	50	12	9.1%	14.3%
			UNKNOWN	W3/F00	34.5	30.4	4.1	11.9%	44	7	40	6	9.1%	14.3%
			UNKNOWN	W4/F00	29.4	25.2	4.2	14.3%	26	3	22	2	15.4%	33.3%
			UNKNOWN	W6/F00 / INC (2)	68.3	67.3	1	1.5%	62	18	60	17	3.2%	5.6%
F01	R1	RESIDENTIAL	UNKNOWN	W1/F01	34.7	31	3.7	10.7%	48	16	44	14	8.3%	12.5%
	R2	RESIDENTIAL	UNKNOWN	W2/F01	33.3	29.7	3.6	10.8%	47	16	43	14	8.5%	12.5%
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	33.3	29.7	3.6	10.8%	47	16	43	14	8.5%	12.5%

#### 14 FRIARS LAND ROAD (CONTINUED)

R4	RESIDENTIAL	UNKNOWN	W4/F01	34.6	31	3.6	10.4%	48	16	45	15	6.3%	6.3%	
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02 / INC (2)	84.1	82.2	1.9	2.3%	83	24	82	24	1.2%	0.0%
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F02 / INC (2)	83.9	82	1.9	2.3%	81	22	80	22	1.2%	0.0%
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F02 / INC (2)	83.4	81.6	1.8	2.2%	75	22	74	22	1.3%	0.0%

#### 18 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	27.8	25.1	2.7	9.7%	48	16	45	13	6.3%	18.8%
	R2	RESIDENTIAL	UNKNOWN	W2/F00	34.4	30.8	3.6	10.5%	53	16	49	13	7.5%	18.8%
			UNKNOWN	W3/F00	34.4	30.8	3.6	10.5%	53	16	49	13	7.5%	18.8%

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

PROJECT NO:17967  
PROJECT NAME: CENTRAL MENTAL HOSPITAL  
18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	Ex%	PR%	LOSS %	LOSS %	VSC (WINDOW)	APSH (WINDOW)	PR.	WINTER ANNUAL	WINTER ANNUAL	LOSS %
R3	R1	RESIDENTIAL	UNKNOWN	W1/F00	31	27.9	3.1	10.0%	37	3	33	1	10.8%	66.7%	
F01	R1	RESIDENTIAL	UNKNOWN	W2/F01	26	22.5	3.5	13.5%	36	13	32	10	11.1%	23.1%	
R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W3/F01	25.7	22.2	3.5	13.6%	36	13	32	10	11.1%	23.1%	
R3	RESIDENTIAL	UNKNOWN	UNKNOWN	W4/F01	28	24.5	3.5	12.5%	39	14	35	11	10.3%	21.4%	

#### 22 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	W1/F00	30.7	28.6	2.1	6.8%	39	3	37	1	5.1%	66.7%
	R2	RESIDENTIAL	UNKNOWN	W2/F00	94.5	94.2	0.3	0.3%	50	18	56	15	6.7%	16.7%
			UNKNOWN	W3/F00	38.6	34.7	3.9	10.1%	60	18	56	15	6.7%	16.7%
			UNKNOWN	W4/F00 / INC (2)	90.4	89.9	0.5	0.6%	55	18	56	15	6.7%	16.7%
			UNKNOWN	W5/F00 / INC (2)	76.9	76.4	0.5	0.7%	55	18	56	15	6.7%	16.7%
			UNKNOWN	W6/F00 / INC (2)	64.2	63.5	0.7	1.1%	65	21	62	18	4.6%	14.3%
	R3	RESIDENTIAL	UNKNOWN	W7/F00	31.1	28	3.1	10.0%	45	6	41	3	8.9%	50.0%
	R1	RESIDENTIAL	UNKNOWN	W1/F01	34.7	31.4	3.3	9.5%	48	16	44	13	8.3%	18.8%
	R2	RESIDENTIAL	UNKNOWN	W2/F01	34.6	31.4	3.2	9.2%	48	16	44	13	8.3%	18.8%
	R1	RESIDENTIAL	UNKNOWN	W1/F02 / INC (2)	80.4	78.7	1.7	2.1%	60	12	57	10	5.0%	16.7%

#### 20 FRIARS LAND ROAD

<tbl

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %
									ANNUAL	WINTER	ANNUAL	WINTER
R4	RESIDENTIAL	UNKNOWN		W4/F01	33.8	30.6	3.2	9.5%	45	13	41	10
F02	R1	RESIDENTIAL	UNKNOWN	W1/F02	39.2	36.6	2.6	6.6%	60	18	56	15
	R2	RESIDENTIAL	UNKNOWN	W2/F02 / INC (2)	82.4	82	0.4	0.5%	94	28	92	26

71 LARCHFIELD ROAD

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %	
									ANNUAL	WINTER	ANNUAL	WINTER	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	33.1	32.7	0.4	1.2%	58	10	58	10
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	23.2	22.9	0.3	1.3%	28	2	28	2
	R3	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F00	30.5	29	15	4.9%	N/A	N/A	N/A	N/A
			UNKNOWN	W4/F00 / INC (2)	92.1	90.9	12	1.3%	N/A	N/A	N/A	N/A	
			UNKNOWN	W5/F00 / INC (2)	82.3	81.8	0.5	0.6%	N/A	N/A	N/A	N/A	
			UNKNOWN	W6/F00	36.8	34.6	2.2	6.0%	N/A	N/A	N/A	N/A	
			UNKNOWN	W7/F00	36.2	34	2.2	6.1%	20	1	20	1	
			UNKNOWN	W8/F00 / INC (2)	91.3	90.2	1.1	1.2%	N/A	N/A	N/A	N/A	
			UNKNOWN	W9/F00 / INC (2)	67.7	67.5	0.2	0.3%	30	2	30	2	
F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	36.4	34	2.4	6.6%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	N/A
			UNKNOWN	W4/F01	29.4	28.9	0.5	1.7%	N/A	N/A	N/A	N/A	
			UNKNOWN	W3/F01	36.9	34.6	2.3	6.2%	N/A	N/A	N/A	N/A	

73 LARCHFIELD ROAD

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %	
									ANNUAL	WINTER	ANNUAL	WINTER	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	33.3	31.9	1.4	4.2%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	36.9	35	1.9	5.1%	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	36.9	34.6	2.3	6.2%	N/A	N/A	N/A	N/A

73 LARCHFIELD ROAD (CONTINUED)

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %
									ANNUAL	WINTER	ANNUAL	WINTER
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	N/A
			UNKNOWN	W3/F01	35.8	33.6	2.2	6.1%	N/A	N/A	N/A	N/A
			UNKNOWN	W4/F01	28.5	28.3	0.2	0.7%	56	15	56	15

75 LARCHFIELD ROAD

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %	
									ANNUAL	WINTER	ANNUAL	WINTER	
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.4	35.2	2.2	5.9%	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

ITERATION NO.: IR1617.20

ARCHITECT: REDDY

MASTERPLAN

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %	
									ANNUAL	WINTER	ANNUAL	WINTER	
R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F00	30.7	28.9	18	5.9%	N/A	N/A	N/A	N/A	
	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F01	38.3	36.2	21	5.5%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F01	32.1	31.6	0.5	5.5%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F01	38.3	36.2	21	5.5%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F02 / INC (2)	86.4	85.4	1	1.2%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN	ASSUMED	W2/F02 / INC (2)	87.1	86.1	1	1.1%	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN	ASSUMED	W3/F02 / INC (2)	87.1	86.8	0.3	0.3%	N/A	N/A	N/A	N/A

77 LARCHFIELD ROAD

				WINDOW	Ex%	PR%	LOSS %	LOSS %	APSH (WINDOW)	APSH (WINDOW)	PR%	LOSS %
									ANNUAL	WINTER	ANNUAL	WINTER
F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	37.9	36.1	18	4.7%	22		

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL

6 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	34	32.7	13	3.8%	55	17	55
			UNKNOWN	UNKNOWN	W2/F00	24.9	24.9	0	0.0%	61	17	61
			UNKNOWN	UNKNOWN	W3/F00	18.3	18.3	0	0.0%	49	15	49
			UNKNOWN	UNKNOWN	W5/F00 / INC(2)	92.4	92.3	0.1	0.1%	83	26	83
			UNKNOWN	UNKNOWN	W6/F00 / INC(2)	90	89.9	0.1	0.1%	79	23	79
			UNKNOWN	UNKNOWN	W7/F00 / INC(2)	77.2	77.1	0.1	0.1%	67	19	67
			UNKNOWN	UNKNOWN	W4/F00	22	21.8	0.2	0.9%	38	6	38
			UNKNOWN	UNKNOWN	W1/F01	36.8	34.6	2.2	6.0%	53	16	51
			UNKNOWN	UNKNOWN	W2/F01	36.6	34.5	2.1	5.7%	53	16	50
			UNKNOWN	UNKNOWN	W3/F01	36.7	34.6	2.1	5.7%	51	14	48
			UNKNOWN	UNKNOWN	W4/F01					14	5.9%	0.0%

4 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	17.2	17.2	0	0.0%	43	4	43
			UNKNOWN	UNKNOWN	W2/F00	36.5	34.5	2	5.5%	54	13	51
			UNKNOWN	UNKNOWN	W3/F00	19.5	17.9	1.6	8.2%	15	0	12
			UNKNOWN	UNKNOWN	W4/F00	22.1	21.2	0.9	4.1%	15	0	14
			UNKNOWN	UNKNOWN	W5/F00	26.1	24.8	1.3	5.0%	22	1	20
			UNKNOWN	UNKNOWN	W6/F00	20.4	20.3	0.1	0.5%	42	7	42
			UNKNOWN	UNKNOWN	W7/F00	20.6	20.6	0	0.0%	51	11	51
			UNKNOWN	UNKNOWN	W1/F01	38.2	36.2	2	5.2%	58	17	56
			UNKNOWN	UNKNOWN	W3/F01	33.1	33.1	0	0.0%	81	24	81
			UNKNOWN	UNKNOWN	W2/F01	27.6	25.6	2	7.2%	25	0	22
			UNKNOWN	UNKNOWN	W1/F02	39	37.6	1.4	3.6%	59	18	58
			UNKNOWN	UNKNOWN						18	1.7%	0.0%

10 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	22.5	20.9	1.6	7.1%	42	8	42
			UNKNOWN	ASSUMED	W2/F00	23.7	23.7	0	0.0%	55	20	55
			UNKNOWN	UNKNOWN	W3/F00	35.3	32.6	2.7	7.6%	57	18	56

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

v2.02

PROJECT NO:17967

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL

8 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	29.6	28.3	1.3	4.4%	49	16	49
			UNKNOWN	ASSUMED	W2/F01	38.9	35.9	3	7.7%	59	18	58
			UNKNOWN	UNKNOWN	W3/F01	38.9	35.8	3.1	8.0%	59	18	58

37 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	33.2	30.6	2.6	7.8%	49	8	45
			UNKNOWN	ASSUMED	W2/F00	20.5	20.5	0	0.0%	49	16	49
			UNKNOWN	UNKNOWN	W3/F00	36.7	34.4	2.3	6.3%	57	17	55

35 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.3	36.6	0.4	1.1%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	36.3	35.9	0.3	0.8%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN						16	16	16

33 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36	35.9	0.4	1.1%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W2/F00	35.9	35.2	0.7	1.9%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN						16	16	16

39 FRIARS LAND ROAD

F00	R1	RESIDENTIAL	UNKNOWN	ASSUMED	W1/F00	36.5	36.1	0.4	1.1%	N/A	N/A	N/A
			UNKNOWN	UNKNOWN	W							

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.9	35.1	0.8	2.2%	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.9	35	0.9	2.5%	N/A	N/A	N/A	N/A

31 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.9	34.9	0.9	2.5%	48	14	48	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.6	34.8	0.8	2.2%	43	9	42	9

29 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35.8	34.9	0.9	2.5%	48	14	48	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	35.6	34.8	0.8	2.2%	43	9	42	9

41 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	20.9	20.9	0	0.0%	2	0	2	0
	R2	RESIDENTIAL	UNKNOWN		W2/F00	37.1	36.8	0.3	0.8%	1	3	18	3

17 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.9	34.2	0.3	0.9%	53	15	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.6	34.2	0.4	1.2%	53	16	50	13

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLINED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

PROJECT NO:17987

PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

DAYLIGHT AND SUNLIGHT  
EXISTING VS. PROPOSED  
RELEASE 05, ISSUE 02

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.5	34.2	0.3	0.9%	53	15	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.6	34.2	0.4	1.2%	53	16	50	13

21 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.5	34.3	0.2	0.6%	52	13	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.6	34.4	0.2	0.6%	51	14	51	14

23 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.6	34.4	0.2	0.6%	52	13	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.3	34.4	0.3	0.9%	51	14	51	14

25 FRIARS LAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	34.8	34.4	0.4	1.1%	52	14	52	14
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.6	34.4	0.2	0.6%	50	13	50	13

27 FRIARS LAND ROAD (CONTINUED)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	35	34.4	0.6	1.7%	51	13	50	13
	R2	RESIDENTIAL	UNKNOWN		W2/F00	34.9	34.5	0.4	1.1%	49	13	48	13

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	ANNUAL	WINTER	PR. %	LOSS %
F00	R1	RESIDENTIAL	UNKNOWN		W1/F00	33.7	33.7	0	0.0%	18	1	18	1
	R2	RESIDENTIAL	UNKNOWN		W2/F00	22.4	22.4	0	0.0%	31	5	31	5

(1) KITCHEN SMALLER THAN 13m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLINED/HORIZONTAL WINDOWS)

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F01	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W8/F00	34.7	34.7	0	0.0%	74	26	0.0%
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F01	34	33.8	0.2	0.6%	N/A	N/A	N/A
					W2/F01	34.1	33.8	0.3	0.9%	N/A	N/A	N/A
					W3/F01	32.2	32	0.2	0.6%	55	16	0.0%
					W4/F01	14.9	14.7	0.2	1.3%	19	2	19
					W5/F01	33.7	33.5	0.2	0.6%	62	22	61
					W6/F01	33.7	33.5	0.2	0.6%	62	22	61
					W7/F01	33.6	33.6	0	0.0%	71	28	71
					W1/F02	35.6	35	0.6	1.7%	N/A	N/A	N/A
					W2/F02 / INC (2)	70.6	70.6	0	0.0%	69	20	0.0%
					W3/F02 / INC (2)	85.6	85.3	0.3	0.4%	89	27	11%
					W4/F02 / INC (2)	85.7	85.3	0.4	0.5%	89	27	11%
					W7/F01	35.9	35.9	0	0.0%	N/A	N/A	N/A

#### 15 FRIARSLAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	33.2	32.7	0.5	1.5%	53	1	33
					W2/F00	36	35.5	0.5	1.4%	56	15	56
					W3/F00	31.5	31.2	0.3	1.0%	57	17	57
					W4/F01	31.3	30.4	0.9	2.9%	N/A	N/A	N/A
					W5/F01	37.5	36.6	0.9	2.4%	59	17	59
					W3/F01	29.7	29.2	0.5	1.7%	52	16	52
					W4/F01	32.9	32	0.9	2.7%	48	16	48
					W5/F01	24.2	24.1	0.1	0.4%	55	15	55
					W6/F01	17	16.7	0.3	1.8%	24	1	24
					W7/F01	35.9	35.9	0	0.0%	N/A	N/A	N/A

#### 11 FRIARSLAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	36	35.6	0.4	1.1%	57	16	56
	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F01	37.7	37	0.7	1.9%	59	18	58
	R2	RESIDENTIAL	UNKNOWN	UNKNOWN	W2/F01	34.6	34	0.6	1.7%	53	17	52
					W7/F01	35.9	35.9	0	0.0%	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 3m<sup>2</sup>

(2) INC/HZ = SKY COMPONENT (INCLUDED/HORIZONTAL WINDOWS)

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

#### PROJECT NO:17987

#### PROJECT NAME: CENTRAL MENTAL HOSPITAL

18/01/2022

ITERATION NO.: IR1617.20  
ARCHITECT: REDDY  
MASTERPLAN

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	33.7	33.6	0.1	0.3%	48	12	48
					W2/F00	28.7	28.6	0.1	0.3%	53	14	53
					W4/F00	26	25.8	0.2	0.8%	24	0	24
					W5/F00 / HZ (2)	34.8	34.8	0	0.0%	66	5	66
					W1/F01	32.6	32.1	0.5	1.5%	46	15	46
					W2/F01	22.3	22	0.3	1.3%	41	14	41
					W3/F01	25.7	25.2	0.5	1.9%	37	13	36
					W4/F01	29.7	29.7	0	0.0%	71	15	71
					W7/F01	35.9	35.9	0	0.0%	N/A	N/A	N/A

#### 7 FRIARSLAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL
F00	R1	RESIDENTIAL	UNKNOWN	UNKNOWN	W1/F00	33.7	33.5	0.2	0.6%	50	12	50
					W2/F00	26.3	25.7	0.6	2.3%	38	13	37
					W2/F01	26.2	25.6	0.6	2.3%	37	13	37
					W3/F01	23	22.4	0.6	2.6%	35	13	35
					W4/F01	32.7	32.1	0.6	1.8%	47	16	47
					W5/F01 / INC (2)	84	83.3	0.7	0.8%	77	22	77
					W6/F01 / INC (2)	82.7	82	0.7	0.8%	73	25	73

#### 9 FRIARSLAND ROAD

FLOOR	ROOM	PROPERTY TYPE	ROOM USE	INFO USED	WINDOW	VSC (WINDOW)	PR. %	LOSS %	LOSS %	APSH (WINDOW)	PR. %	LOSS %
						ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL

<

APPENDIX 05  
**TRANSIENT OVERSHADOWING**



## DAYLIGHT & SUNLIGHT

TRANSIENT OVERSHADOWING  
ASSESSMENT

Dundrum Central SHD, Dublin

15 February 2022

GIA No: 17967

**PROJECT DATA:**

Client	<b>Land Development Agency</b>
Architect	<b>Reddy Architecture + Urbanism</b>
Project Title	<b>Central Mental Hospital, Dundrum, Dublin</b>
Project Number	<b>17967</b>

**REPORT DATA:**

Report Title	<b>Impact on Neighbouring Properties Appendices</b>
GIA Department	<b>Daylight &amp; Sunlight</b>
Dated	<b>15 February 2022</b>

Prepared by	<b>GLE</b>
Checked by	<b>GLE</b>
Type	<b>Planning</b>

Revisions	No:	Date:	Notes:	Signed:

**DISCLAIMER:**

N.B This report has been prepared for Land Development Agency by GIA as their appointed Daylight & Sunlight consultants. This report is intended solely for Land Development Agency and may contain confidential information. No part or whole of its contents may be disclosed to or relied upon by any Third Parties without the express written consent of GIA. It is accurate as at the time of publication and based upon the information we have been provided with as set out in the report. It does not take into account changes that have taken place since the report was written nor does it take into account private information on internal layouts and room uses of adjoining properties unless this information is publicly available.

**SOURCES OF INFORMATION:**

Information Received	<b>IR-06-17967</b>
Release Number	<b>Rel_02_17967_DSD</b>
Issue Number	<b>02</b>
Site Photos	<b>GIA</b>
3D models	<b>VERTEX</b>
OS Data	<b>FIND Maps</b>


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<b>1 TRANSIENT OVERSHADING ASSESSMENT</b>	<b>2</b>
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1.1 21 <sup>st</sup> June	8
1.1 21 <sup>st</sup> December	16

TRANSIENT OVERSHADOWING ASSESSMENT  
21<sup>ST</sup> MARCH (08:00 - 11:00 GMT)

EXISTING



EXISTING



PROPOSED SHD



PROPOSED SHD



PROPOSED CUMULATIVE



PROPOSED CUMULATIVE



TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> MARCH (12:00 - 15:00 GMT)

EXISTING



12:00 GMT



13:00 GMT

EXISTING



14:00 GMT



15:00 GMT

PROPOSED SHD



12:00 GMT



13:00 GMT

PROPOSED SHD



14:00 GMT



15:00 GMT

PROPOSED CUMULATIVE



12:00 GMT



13:00 GMT

PROPOSED CUMULATIVE



14:00 GMT



15:00 GMT

TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> MARCH (16:00 - 17:00 GMT)

EXISTING



PROPOSED SHD

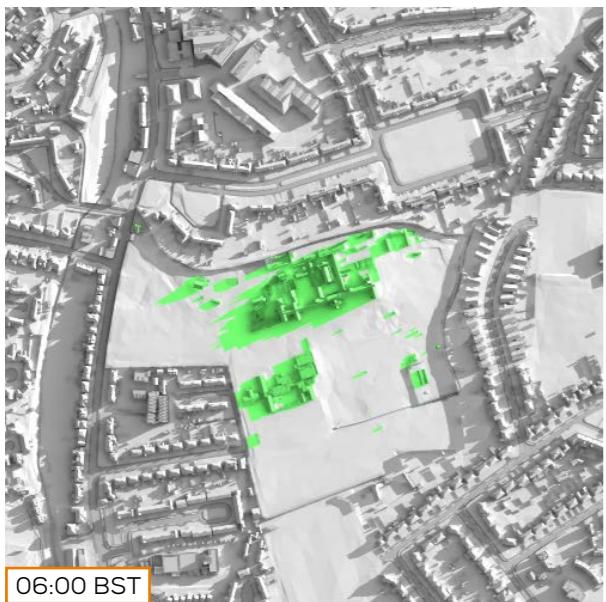


PROPOSED CUMULATIVE



TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> JUNE (06:00 - 09:00 BST)

EXISTING



EXISTING



PROPOSED SHD



PROPOSED SHD



PROPOSED CUMULATIVE



PROPOSED CUMULATIVE



TRANSIENT OVERSHADOWING ASSESSMENT  
21<sup>ST</sup> JUNE (10:00 - 13:00 BST)

EXISTING

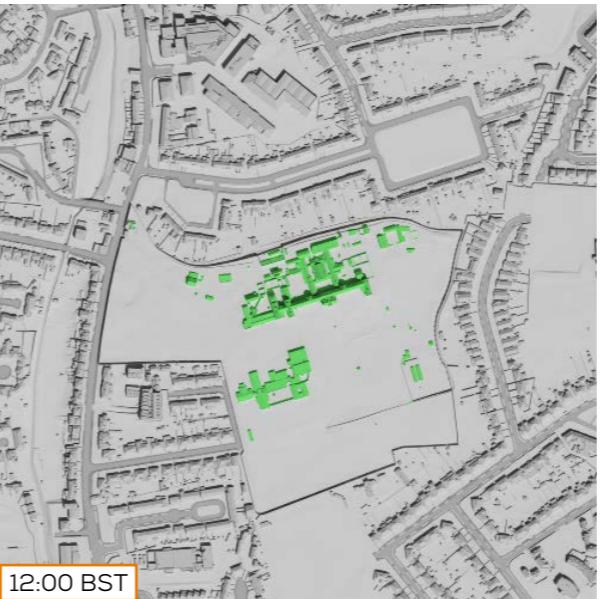


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11:00 BST

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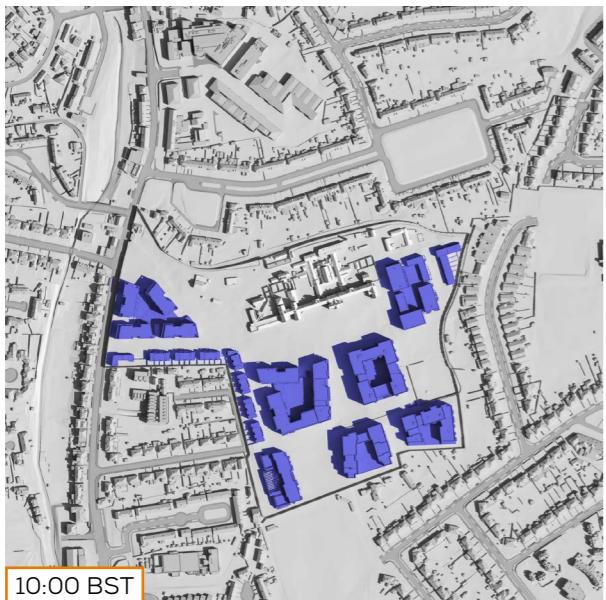


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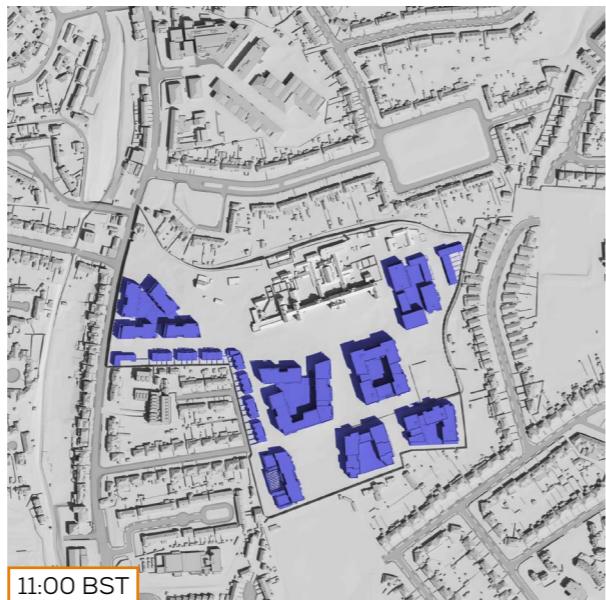


13:00 BST

PROPOSED SHD

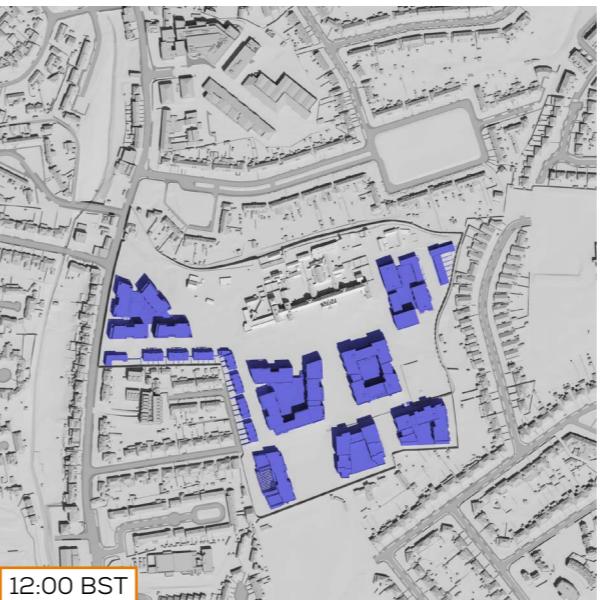


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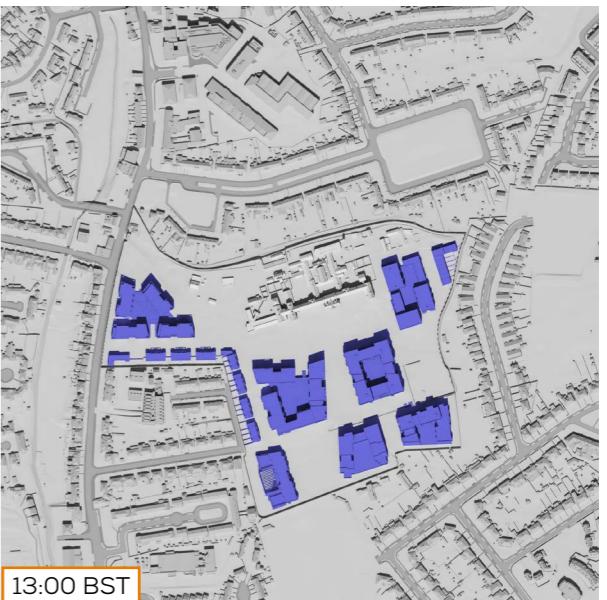


11:00 BST

PROPOSED SHD



12:00 BST



13:00 BST

PROPOSED CUMULATIVE



10:00 BST



11:00 BST

PROPOSED CUMULATIVE



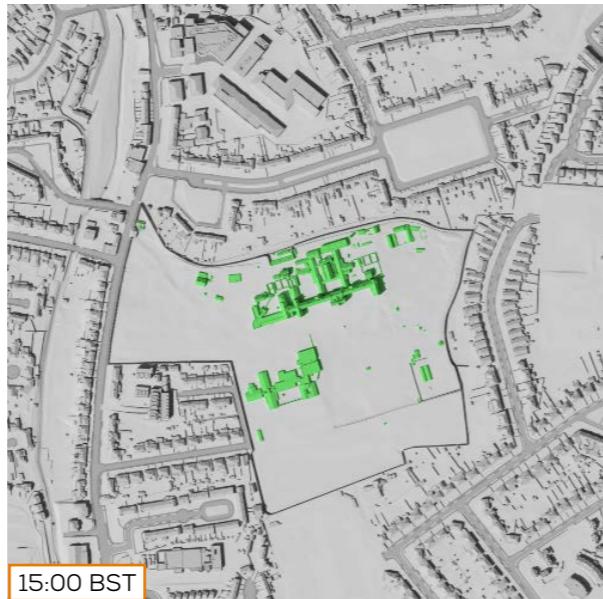
12:00 BST



13:00 BST

TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> JUNE (14:00 - 17:00 BST)

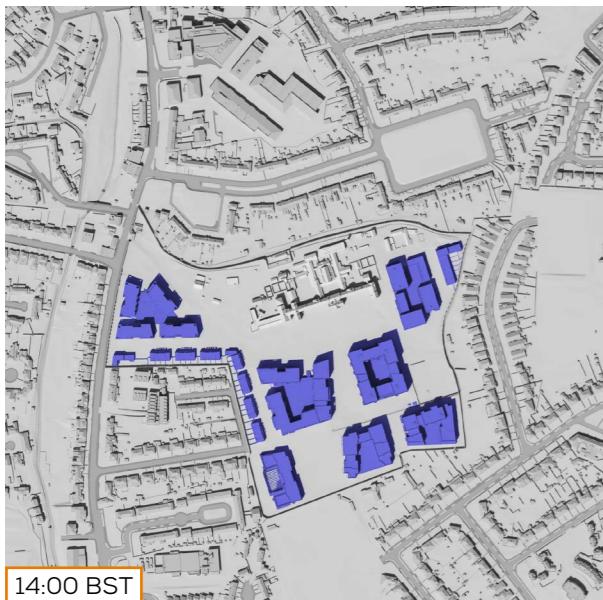
EXISTING



EXISTING



PROPOSED SHD



PROPOSED SHD



PROPOSED CUMULATIVE



PROPOSED CUMULATIVE



TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> JUNE (18:00 - 20:00 BST)

EXISTING

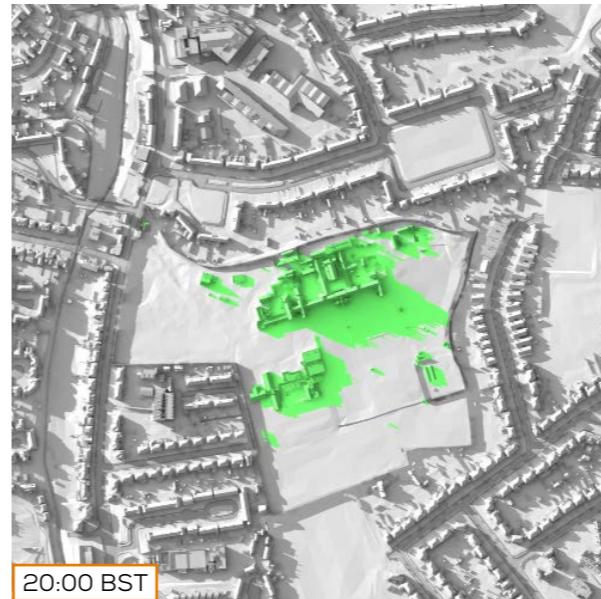


18:00 BST



19:00 BST

EXISTING



20:00 BST

PROPOSED SHD



18:00 BST



19:00 BST

PROPOSED SHD



20:00 BST

PROPOSED CUMULATIVE



18:00 BST



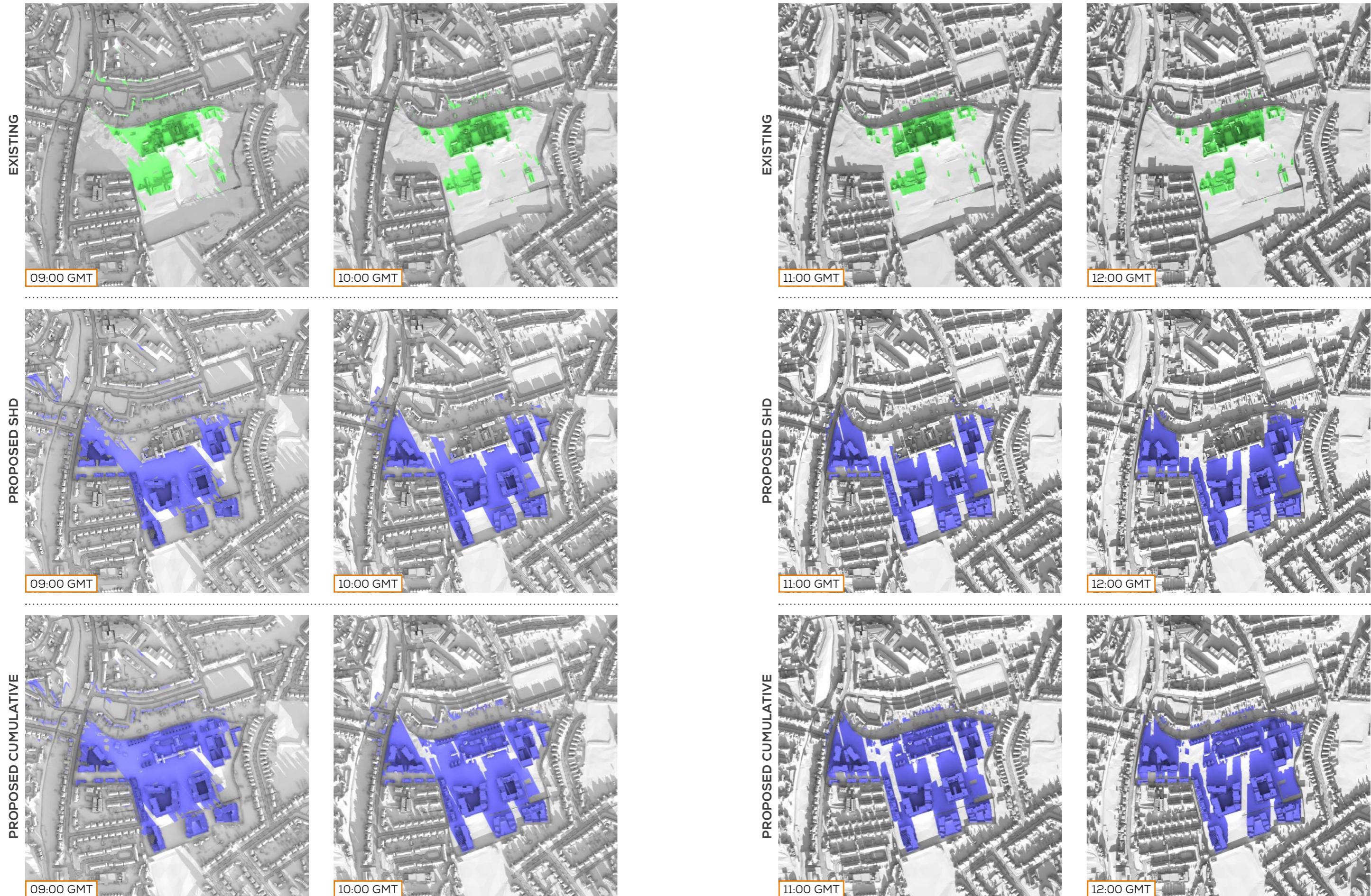
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PROPOSED CUMULATIVE



20:00 BST

TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> DECEMBER (09:00 - 12:00 GMT)



TRANSIENT OVERSHADING ASSESSMENT  
21<sup>ST</sup> DECEMBER (13:00 - 15:00 GMT)

EXISTING



13:00 GMT



14:00 GMT

PROPOSED SHD



13:00 GMT



14:00 GMT

PROPOSED CUMULATIVE



13:00 GMT



14:00 GMT



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