1 Triton Square & St Anne's

Daylight and Sunlight Study

OCTOBER 2016

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Daylight and Sunlight

1 Triton Square and St Anne's

Prepared by: Kevin Francis

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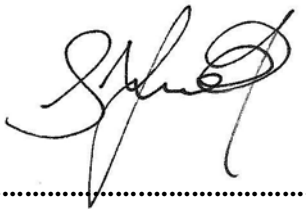
Author for and Behalf of GIA: Kevin Francis

Authorisation for GIA: .....



Appended to this report:

1.0 Executive Summary

GIA have been instructed to undertake a detailed technical assessment for the site at 1 Triton Square and at St Anne's (located on the junction of Laxton Place and Longford Street, London Borough of Camden), in order to understand the potential Daylight and Sunlight alterations that the proposed Arup Architects scheme (1 Triton Square) and the proposed Matthew Lloyd Architects scheme (St Anne's) will have upon the surrounding properties.

The daylight and sunlight review within this report considers primarily residential properties as they are recognised by the Building Research Establishment (BRE 2011) as having the highest expectation for natural light when compared to other uses – such as commercial. The BRE document also suggests on Page 7 2.2.2 *'The Guidelines may also be applied to any non-domestic building where the occupants have a reasonable expectation of daylight'*. GIA have therefore also considered the potential impact to St Mary Magdalene Church, which is located to the north west of St Anne's. The criteria suggested within the BRE document has been used to understand and compare the existing levels of light with the light achieved subsequent to the development of the residential scheme.

In summary, our analysis demonstrates that the scheme performs well from a daylight and sunlight perspective despite the constraints imposed by the urban environment. Where alterations in daylight and sunlight amenity occur, GIA believe there are genuine reasons for this, most notably the existing architectural form of 9 Laxton Place (which have projecting balconies that self-limit the availability of good daylighting) coupled with the collective influence of the underdeveloped nature of the existing St Anne's site and existing street pattern which is typical of an inner London side street width. It is acknowledged that if any development on the St Anne's site is to meet the height and scale of nearby buildings then daylight and sunlight transgressions at 9 Laxton Place would be unavoidable.

When considering the urban context of the site, GIA believe the impacts to the neighbouring properties are considered to be within the intention and application of the BRE Guidelines and therefore should be considered acceptable.

2.0 Introduction

Daylight and Sunlight

The technical analysis that forms the basis of this report has been predicated against the methodologies set out within the Building Research Establishment Guidelines entitled ***'Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (2011)'***. The guidelines in question are precisely that; guidelines which provide a recommendation to inform site layout and design. They are not mandatory nor do they form planning policy and their interpretation may be treated flexibility depending on the specifics of each site.

The BRE Guidelines provide three main methodologies for daylight assessment, namely;

- **The Vertical Sky Component (VSC)**

  The primary methodology is known as the Vertical Sky Component (VSC) which considers the potential for daylight by calculating the angle of vertical sky at the centre of each of the windows serving the residential buildings which look towards the site. This is a more simplistic approach and it could be considered as a "rule of thumb" to highlight whether there are any potential concerns to the amenity serving a particular property.

- **The No Sky Line (NSL);**

  The second methodology is the No Sky Line or Daylight Distribution method. This simply assesses the change in position of the No Sky Line between the existing and proposed situations. It does take into account the number and size of windows to a room, but still does not give any qualitative or quantitative assessment of the light in the room, only where sky can or cannot be seen.

- **The Average Daylight Factor (ADF)**

  The third method of calculation is the Average Daylight Factor (ADF). This is a more detailed and thus more accurate method which considers not only the amount of sky visibility on the vertical face of the window, but also the window size, room size and room use and the actual level of amenity which will enjoyed within a particular space.

There is one methodology for sunlight assessment, denoted as **Annual Probable Sunlight Hours (APSH)**, which considers any surrounding receptors that face within 90° due south of the development to be relevant for assessment.

Appendix 01 of this report elaborates on the mechanics of each of the above assessment criteria, explains the appropriateness of their use and the parameters of each specific recommendation.

3.0 Sources of Information

In compiling this report we have used the following information:

GIA

Site Photographs

FIND

OS Map

Proposed Scheme

IR31 - 120916- Arup Associates (1 Triton Square 12th September 2016)

IR30 - 070916 - Matthew Lloyd Architects (St Anne's received 7th September 2016)

Google / Bing Maps

Aerial Photography

Vertex (Site Model)

IR24-5615-VERTEX

Survey Information (Plowman Craven)

IR23-100616 - M3

4.0 Assumptions

a) All residential buildings have been identified by reference to the Valuation Office Agency (VOA) search and/or external observation.

b) GIA have created the 3d model used for the analysis within this report using a combination of full measured survey information and photogrammetric surveying techniques of the site and surrounding buildings.

c) We have not sought access to adjoining properties and thus have made reasonable assumptions as to the internal layouts of the rooms behind the fenestrations based upon the building form and architecture and from our online searches. The properties which we have acquired accurate/partial layouts for include:

- *9 Laxton Place*
- *1-8 Longford Street*
- *St Mary Magdalene Church*

All of the above floor plans can be found within Appendix 04.

d) Floor levels have been assumed for adjoining properties as access has not been obtained. These have been assumed by reference to an external inspection of the building form. This dictates the level of the working plane which is the point at which the No Sky Line and Average Daylight Factor Assessment is calculated.

5.0 The Site

Both buildings are located in the London Borough of Camden. 1 Triton Square is located to the south of Longford Street within Regents Place and currently comprises of approximately ground plus six storeys of office use. St Anne's is located to the north of Longford Street to the west of Laxton Place, and is currently comprised of a 2-3 storey ecclesiastical building. GIAs interpretation of the existing site can be viewed in figure 01 below and within drawings plots 5615- REL16-107 01-03 within appendix 02.

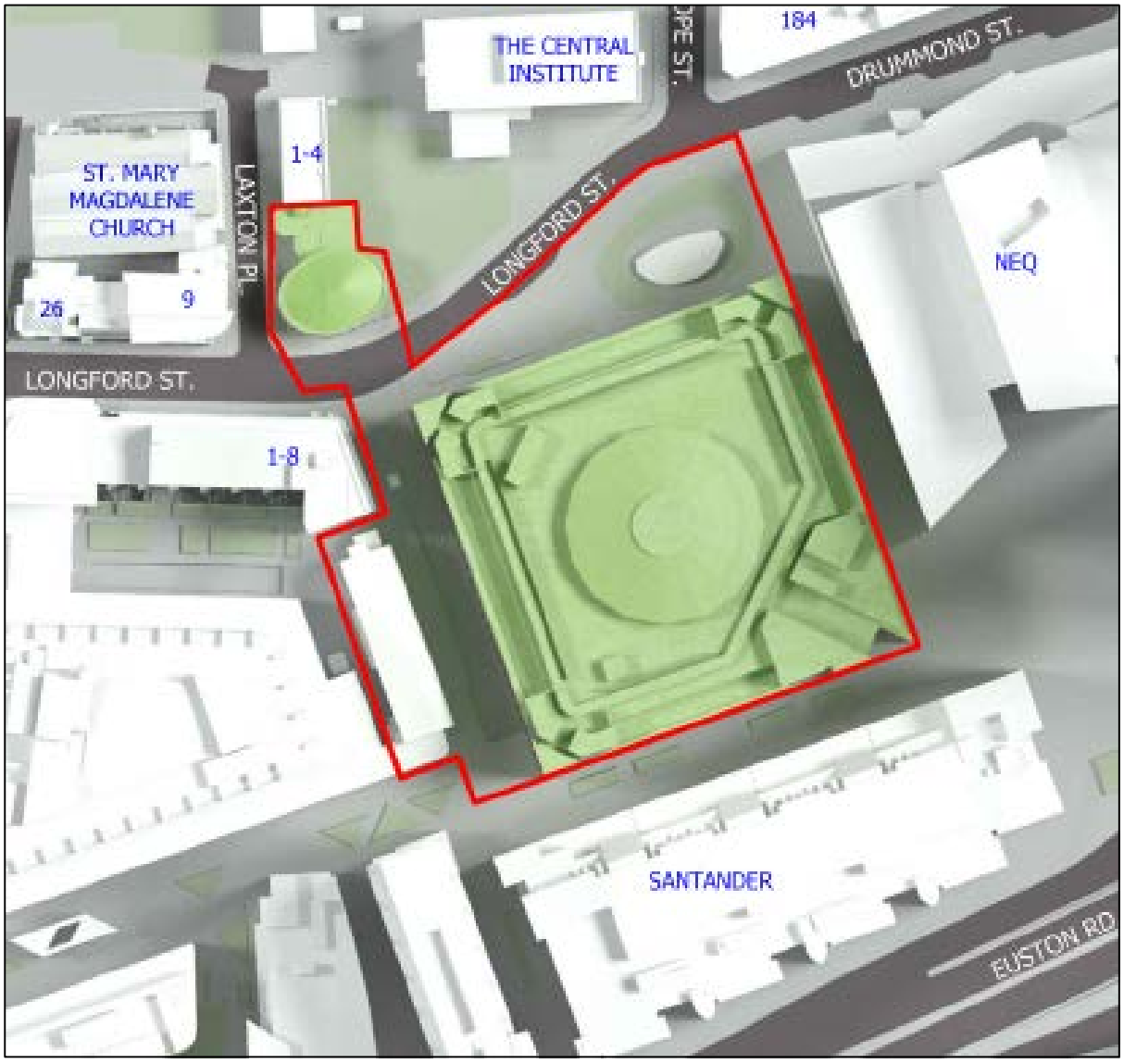


Figure 01 - Existing Site Buildings (Shown in Green)

6.0 The Proposal

The proposal includes the refurbishment of the 1 Triton Square building to include an additional three storeys of office space (Arup Architects). The proposal also includes the demolition of the existing St Anne's Church building to be replaced with a residential building of part 6, part 9 storeys (Matthew Lloyd Architects). GIA's interpretations of the proposed schemes are illustrated in figure 02 below and within the drawings 5615- REL16-107 04-06 within Appendix 02.

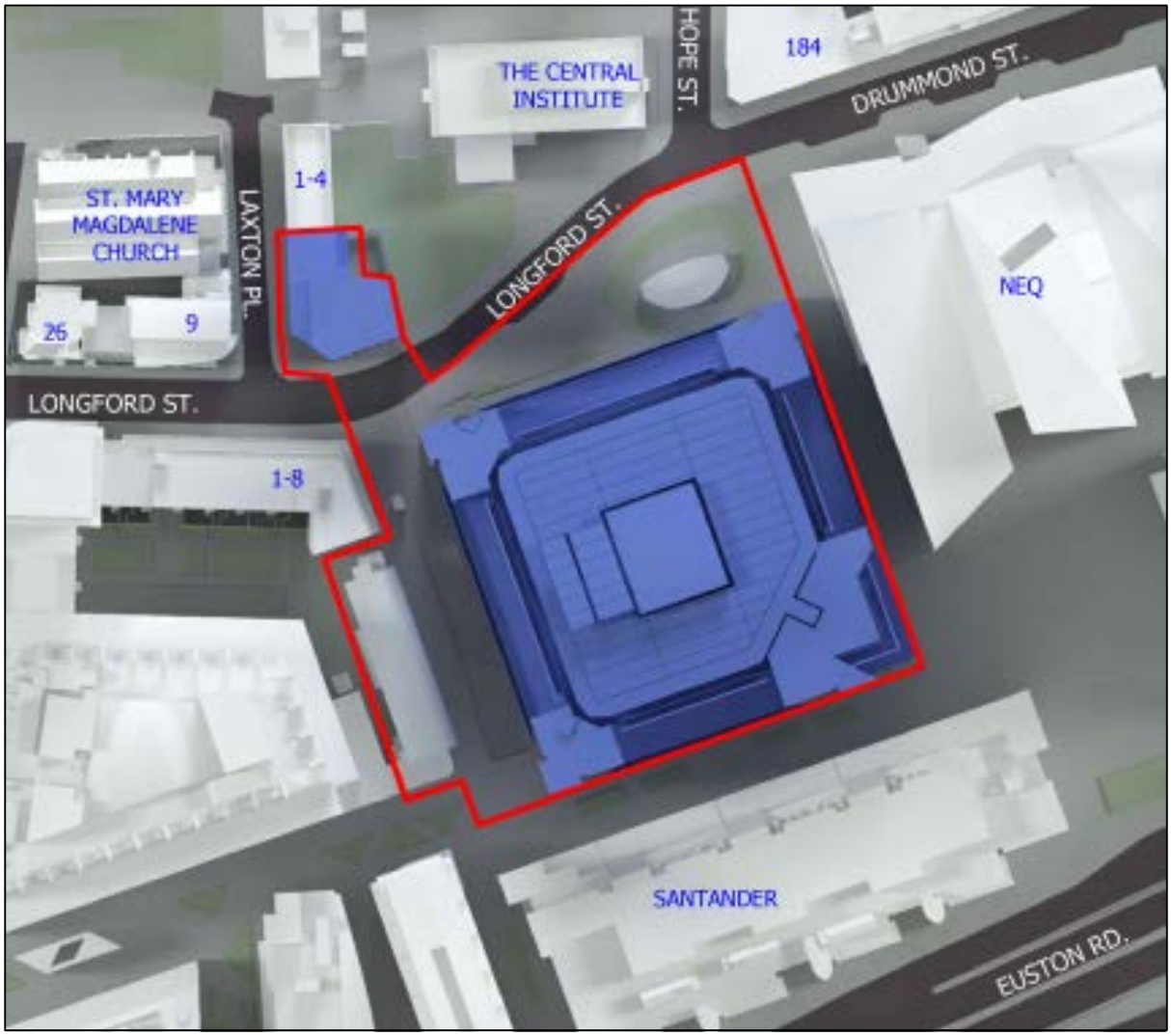


Figure 02 – Proposed Buildings (Shown in Blue)

7.0 Surrounding Properties

GIA have created a three dimensional computer model of the Site and the surrounding properties to allow for a detailed daylight and sunlight assessment. The technical analysis considers the changes to the light experienced by the surrounding properties upon successful implementation of the developments by reference to the BRE methodology and criteria.

For the purpose of this report, GIA have assumed within our analysis that both proposed schemes will be realised at the same time. This has necessitated in assessing the existing daylight and sunlight conditions within the neighbouring properties, compared to the proposed conditions under the cumulative scenario where 1 Triton Square and the residential building of part 6, part 9 storeys are implemented.

The pertinent residential/ ecclesiastical buildings relevant for daylight and sunlight assessments are highlighted within figure 03 (below) and include:

- 1-4 Laxton Place;
- St Mary Magdalene Church;
- 1-8 Longford Street
- 9 Laxton Place.

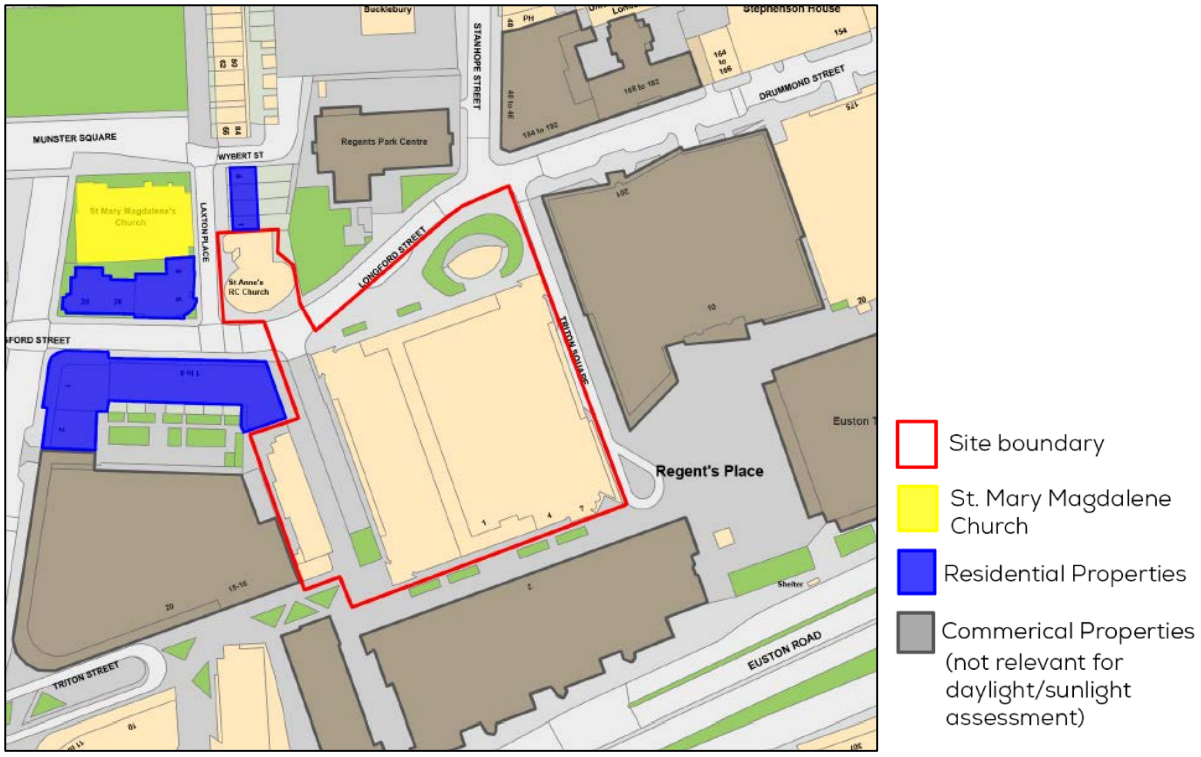


Figure 03 – Sensitive Property Indicator

It was not deemed necessary to assess any further buildings in the vicinity of the development site. Any additional neighbouring property is either commercial in use or the buildings are located too far away from the development site to incur a material loss of light as a result of the proposal.

1-4 Laxton Place

Figure 04 – 1-4 Laxton Place

1-4 Laxton Place is located directly to the north of St Anne's and is of residential use. We have been unable to obtain accurate layouts for this property and have therefore made reasonable assumptions as to the internal use and layout of the rooms.

GIA have considered there to be 47 windows serving 44 rooms within this property which are relevant for assessment. When assessed against the primary daylight methodology, the Vertical Sky Component (VSC), 47/47 (100%) of windows demonstrate total BRE compliance. Furthermore, when assessed against the secondary daylight methodology, the No Sky Line (NSL) 44/44 (100%) of rooms demonstrate BRE compliance.

There does not appear to be any windows which face within 90° due south of the development sites, therefore this property is not relevant for Sunlight assessment.

In consideration of the above, GIA consider the impacts to this property to be acceptable in planning terms.

1-8 Longford Street

Figure 07 – 1-8 Longford Street

1-8 Longford Street is located immediately to the west of 1 Triton Square and is a residential building. GIA have been provided with floor plans for this property and have updated our model accordingly.

GIA have considered there to be 160 windows serving 122 rooms within this property relevant for assessment. When assessed against the primary daylight methodology, the Vertical Sky Component (VSC) 92/160 (58%) of windows demonstrate total BRE compliance. The 68 windows which fall short of the BRE recommendations for VSC are said to serve 52 rooms. When assessed against the secondary daylight methodology, the No Sky Line (NSL) 42/53 (79%) of rooms demonstrate BRE compliance.

As we have the benefit of accurate internal layouts for this property we felt that it was relevant to apply the third daylight methodology, the Average Daylight Factor (ADF). The BRE guidelines suggests that this methodology is the most accurate of the three as the ADF assessment tests the overall quality of amenity that will be retained within the rooms in question (whereas the VSC assessment only takes into account the view of the sky from the centre point of the window, and the NSL only takes into account the position of the room where you can or cannot see the sky). Our detailed technical analysis demonstrates that 11/11 rooms (which did not meet the minimum VSC or NSL recommendations) will continue to enjoy high levels of daylight amenity which meet or exceed the BRE recommendations for ADF.

There are no windows within a sufficient proximity to either site which face within 90° due south of the developments, therefore this property is not relevant for Sunlight assessment.

In consideration of the above, GIA consider the impacts to this property to be acceptable in planning terms.

9 Laxton Place

Figure 08 – 9 Laxton Place

9 Laxton Place is a residential apartment block located directly to the west of St Anne's and to the north west of 1 Triton Square. GIA have been able to obtain accurate floor plans for this property (appendix 04) and have incorporated these within our model.

GIA have considered there to be 84 windows serving 50 rooms within this property which are relevant for assessment. When assessed against the primary daylight methodology, the Vertical Sky Component (VSC), 48/84 (57%) of windows demonstrate total BRE compliance. The 36 windows which experience VSC transgressions are said to serve 19 separate rooms. When assessed against the No Sky Line (NSL) methodology, 6/19 (32%) will demonstrate BRE compliance.

The 13 windows/ rooms (7 living rooms, 5 kitchens and 1 bedroom) which experience VSC/ NSL transgressions beyond the recommended 20% do so for a number of site specific reasons, primarily:

- The low rise nature of the existing St Anne's building, which permits a largely unobstructed view of the sky dome from the rooms behind the fenestrations of the neighbouring properties;
- The existing street pattern between both building boundaries, meaning any significant development on the St Anne's site beyond the heights and proportions of the existing building will inevitably result in BRE transgressions beyond the recommended 20%; and
- The existing architectural features of 9 Laxton Place, which have windows and rooms flanked and recessed deep beneath existing overhanging balconies, a consequence of which restricts the ability to achieve high levels of daylight amenity even in the existing scenario.

As we have the benefit of accurate internal layouts for this property we felt that it was again relevant to apply the third daylight methodology, the Average Daylight Factor (ADF). Our detailed technical analysis demonstrates that 9/13 rooms (which did not meet the minimum VSC or NSL recommendations) will continue to enjoy good levels of daylight amenity which meet or exceed the minimum BRE recommendations for a habitable room (i.e. 1%). The four remaining room's (four kitchens) which fall short of this criterion do so due to their location beneath projecting balconies, Our analysis indicates that in the existing scenario the ADF values are already below the target criteria within the

BRE Guidelines (with rooms demonstrating 0.4%-06% ADF) therefore any proposal which is to match the size and scale of the immediate surrounding properties will inevitably create BRE transgressions. It is also acknowledged that the presence of external balconies, whilst limiting the availability of high levels of internal daylight amenity; create an alternative sense of external amenity for the occupants of these flats in the form of external terrace space. The designer of these flats would have been cognisant of the fact that in order to provide quality external amenity space a compromise would have been made to limit the internal amenity of the rooms facing onto the balconies. When determining the extent of the reduction in daylight to these rooms it is important to bear in mind the wider amenity picture at this property which is unlikely to be compromised as a result of these developments.

These rooms are reference within table 01 (below) and also highlighted within figure 09(below). For ease of reference the full set of ADF results are tabulated within appendix 03 of this report however the pertinent 13 rooms in question are illustrated below:

Room Reference	Existing ADF	Proposed ADF
R5/400	1.6%	1.3%
R6/400	1.8%	1.1%
R6/401	2.1%	1.7%
R7/401	0.4%	0%
R8/401	2.4%	1.4%
R9/401	1.7%	1%
R6/402	2.3%	1.9%
R7/402	0.4%	0%
R8/402	2.6%	1.6%
R9/402	1.8%	1.1%
R7/403	0.4%	0%
R8/403	2.6%	1.7%
R8/404	0.6%	0.3%

Table 01 – ADF Values

Figure 09 - Windows below 1% ADF (9 Laxton Place)

There are 49 rooms containing apertures relevant for sunlight assessment within this property. Our analysis indicates that 34/46 (74%) windows demonstrate BRE compliance. Of the remaining 12 rooms which fall short of the BRE recommendations, 9/12 (75%) will continue to enjoy a high quantum of annual sun with APSH values ranging from 15% to 28% APSH (against a target value of 25%). GIA are of the opinion that such values are commensurate with a dense inner city urban environment. The remaining three rooms which fall further short of this criterion do so primarily due to their low existing levels of sunlight.

In consideration of the above, GIA feel that the impacts to this property are acceptable in planning terms

St Mary Magdalene Church

Figure 05 – St Mary Magdalene Church

Figure 06 – Constrained Window

St Mary Magdalene Church is located directly to the north west of St Anne's and is of ecclesiastical use. We have been able to obtain indicative layouts from online sources (appendix 04) for this property and have therefore updated our model to reflect this. There does not appear to be any rooms serving residential accommodation within this property.

GIA have considered there to be 30 windows serving six rooms within this property which are relevant for assessment. When assessed against the primary daylight methodology, the Vertical Sky Component (VSC), 21/30 (70%) of windows demonstrate total BRE compliance. The windows which experience VSC transgressions beyond the recommended 20% do so due to the low rise nature of the existing St Anne's building. When assessed against the secondary daylight methodology, the No Sky Line (NSL) 5/6 (83%) of rooms demonstrate BRE compliance.

The sole room which experiences NSL transgressions (R2/4300) does so primarily due to the existing site constraints presented by its location which is deeply recessed between flank elevations on 9 Laxton Place and the pop-out feature on the church itself. The effect of such flank elevations means that very little light will be able to penetrate this room via oblique angles. When assessed against the third daylight methodology, the Average Daylight Factor (ADF), the ADF within this room will go from 0.5% to 0.3%. GIA are of the opinion that a 0.2% reduction in ADF is unlikely to be noticeable by the occupants of this room.

There is one room with a window which faces with 90° due south of the development sites and therefore relevant for sunlight assessment. This room, which appears to be the main church hall, has many mitigating windows meaning that it demonstrates full compliance to the Annual Probable Sunlight Hours (APSH) methodology.

In consideration of the above, GIA consider the impacts to this property to be acceptable in planning terms.

8.0 Conclusion

GIA have completed a comprehensive technical analysis of the daylight effects of the proposed Arup and Matthew Lloyd Architects scheme for the respective developments of 1 Triton Square and St Anne's on those surrounding residential receptors in accordance with the methodologies suggested in the BRE Guidelines.

Overall, the scheme performs very well when considering the impacts on daylight to surrounding properties. Where transgressions from the BRE recommendations occur, GIA feel these are largely attributable to the existing site constraints as opposed to the extent of the massing which is being proposed.

The properties referred to as 1-8 Longford Street will experience a recorded alteration in daylight amenity due to the existing street pattern between the existing Triton Square building. In this instance it is important to acknowledge the limitations of the VSC and NSL methodologies as they only take into account the obstruction in front of the adjoining building and the points in the room where the sky can or cannot be seen. The more accurate Average Daylight Factor (ADF) assessment provides a quantitative analysis of the actual quality of light within a room taking into account a range of variable factors. In this instance, every room which falls short of VSC and NSL guidance within 1-8 Longford Place will satisfy the BRE criteria for ADF.

Similar to 1-8 Longford Street, the property referred to as 9 Laxton Place will experience BRE transgressions to each of the three primary methodologies. GIA firmly believe that this is a direct consequence of existing site constraints rather than the extent of the proposed massing itself. It was evident throughout the early design process that any viable massing option which is to reach the height and proportions of the surrounding built environment will inevitably lead to large percentage alterations to 9 Laxton Place. This is due to the low rise nature of the existing St Anne's building, the existing street pattern between both building boundaries which is typical of an inner London side street width, as well as the existing architectural features of 9 Laxton Place which restrict the ability to achieve high levels of daylight amenity. Again, however, when assessed against the ADF methodology, our analysis demonstrates that the majority of rooms will continue to enjoy at least 1% ADF, which is the minimum requirement for a habitable space. Those which do not meet this criterion (i.e. the four kitchens) are those which are located beneath the projecting balconies, which restrict the ability for light to penetrate the room.

In conclusion, when considering the urban context of the site, the impacts to the neighbouring properties are considered to be, on balance, within the intention and application of the BRE Guidelines and therefore in GIAs opinion are considered acceptable in planning terms.

Appendix 01

Principles of Daylight and Sunlight

Principles of Daylight and Sunlight

Background

The quality of amenity and open spaces is often stipulated within planning policy for protection or enhancement and is often a concern for adjoining properties and other interested parties.

Historically the department of environment provided guidance in the issues, and in this country, this role has now been taken on by the Building Research Establishment (BRE), the British Standards Institutions (BSI) and the charted institute of building services engineers (CIBSE). Fortunately they have collaborated in many areas, to provide as much unified advice as possible in the form of industry best practice.

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 amenities.

In terms of considering what is material local authorities typically refer to the BRE guidelines and apply their criteria set out within. The guidelines were originally produced out in 1991, but superseded by the BRE guidelines (2011*) site layout planning for daylight and sunlight.*

Where developers are seeking to maximise their development value, it is often in the area of daylight and sunlight issues that they may seek to push the boundaries. Particularly in London, there is a priority on the creation of more housing thus resulting in the densification of urban areas. Local authorities vary in their attitude of how flexible they can be with the degree of impact on the daylight and sunlight amenity enjoyed by neighbouring owners and it is one factor among many planning aspects considered when determining an application. In city centres where high density is common, the protection of amenity is more challenging and there are many factors that need to be taken into account: each case has to be considered on its own merits.

The BRE Guidelines

The guidelines are typically refereed to for daylight and sunlight amenity issues, however they were not intended to be used as an instrument of planning policy. 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".*

Again, the 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".*

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, for e.g. The approach to creating alternative criteria is detailed within Appendix F of the BRE.

Measurement and Criteria for Daylight and Sunlight as set out in the BRE Guidelines

The BRE guidelines state that they are;

> *"intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedroom. Windows to bathrooms, toilets, garages need not be analysed."*

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.

Daylight

In the first instance, if a proposed development falls beneath a 25 degree angle taken from the centre point of the lowest window, then the BRE suggests that no further analysis is required as there will be adequate sky light (i.e. sky visibility). This rule is applied when considering the scope of any assessments.

The BRE guidelines provide two methods for calculating daylight to existing surrounding properties:

- Vertical Sky Component (VSC)
- No Sky Line (NSL) also referred to as daylight distribution

A further method, the Average Daylight Factor (ADF) is provided for calculating daylight within proposed properties. However, it is sometimes applied as a supplementary assessment for existing surrounding properties.

Each method is described below:

Vertical Sky Component

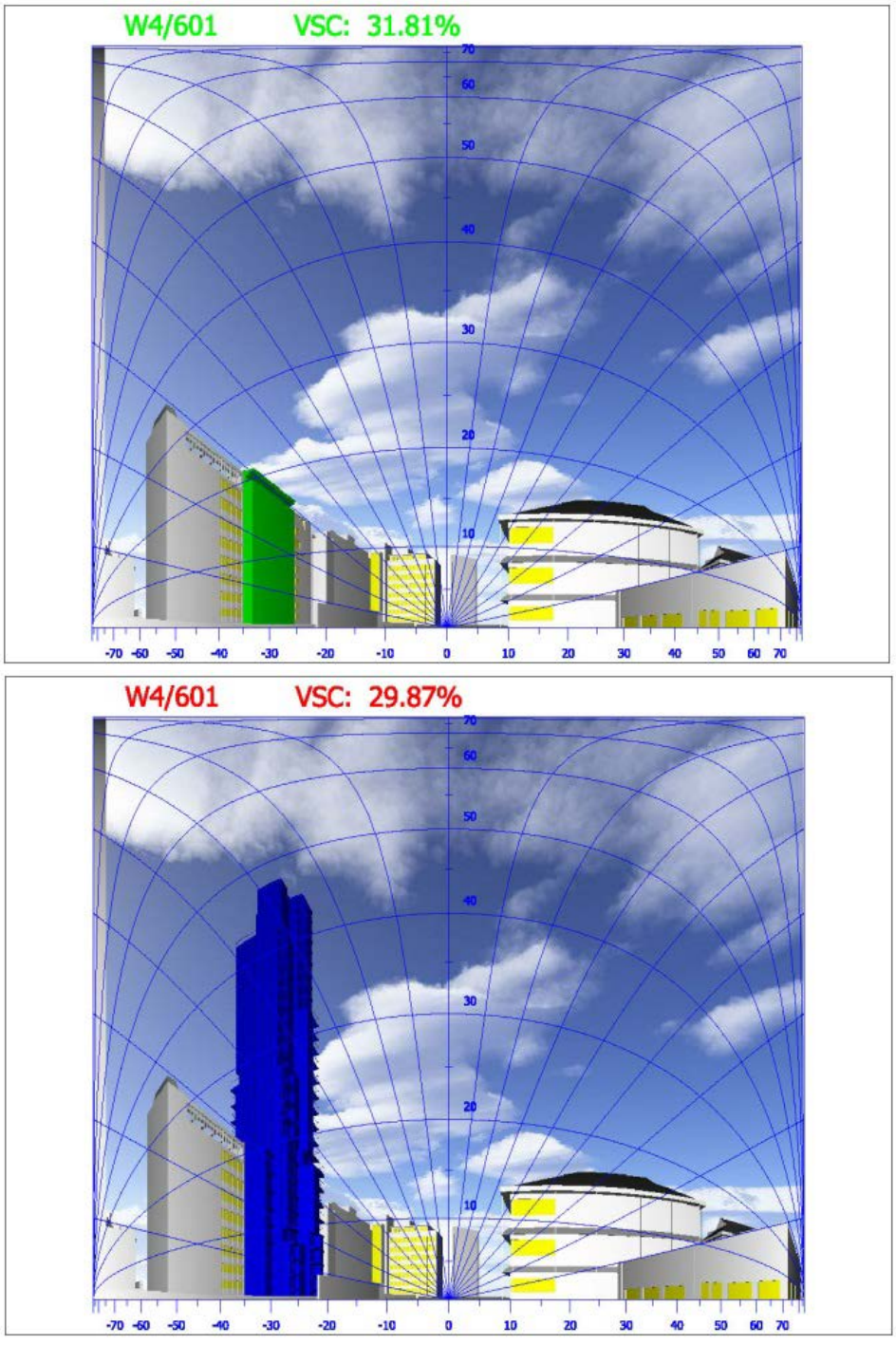
Methodology

This is defined in the BRE as:-

> *"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 illuminate on a horizontal plane due to an unobstructed hemisphere of this sky."*

This statement means, in practice that if one had a totally unobstructed view of the sky, looking in a single direction, then just under 40% of the complete hemisphere would be visible. The measurement of this vertical sky component is undertaken using two indicators, namely a skylight indicator and a transparent direction finder.

Alternatively a further method of measuring the VSC, which is easier to understand both in concept and analysis, is often more precise and can deal with more complex instructions, is that of the Waldram diagram.



The point of reference is the same as for the skylight indicator, at the centre of the outward window face. Effectively a snap shot is taken from that point of the sky in front of the window, before and after the obstruction is put in place together with all the relevant obstructions to it, i.e. the buildings.

An unobstructed sky from that point of reference would give a vertical sky component of 39.6%, corresponding to 50% of the hemisphere, and therefore the purpose of the diagram is to discover how much sky remains once obstructions exist in front of that point.

Criteria

The BRE Handbook provides criteria for:

(a) New Development
(b) Existing Buildings
(c) Adjoining Development Land

(a) New Development

Paragraph 2.1.21 of the BRE states that:

"Obstructions can limit access to light from the sky. This can be checked by measuring or calculating the angle of visible sky 'theta', angle of obstruction or Vertical Sky Component (VSC) at the centre of the lowest window where daylight is required. If VSC is:

- at least 27% ('theta' is greater than 65 degrees, obstruction angle less than 25 degrees) conventional window design will usually give reasonable results.
- between 15% and 27 % ('theta' is between 45 degrees and 65 degrees, obstruction angle between 25 degrees and 45 degrees) special measures (larger windows, changes to room layout) are usually needed to provide adequate daylight.
- between 5% and 15% ('theta' is between 25 degrees and 45 degrees, obstruction angle between 45 degrees and 65 degrees) it is very difficult to provide adequate daylight unless very large windows are used.
- less than 5% ('theta' less than 25 degrees, obstruction angle more than 65 degrees) it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed."

(b) Existing Buildings

Para 2.2.21 (page 11) of the BRE states:

"If any part of a new building or extension measured in a vertical section perpendicular to a main window wall of an existing building, from the centre of the lowest window, subtends an angle of more than 25 degree to the horizontal, then the diffuse daylighting of the existing building may be adversely affected. This will be the case if the vertical sky component measured at the centre of an existing main window is less than 27%, and less than 0.8 times its former value".

The VSC provide a quick and simple test which looks to give an early indication of the potential for light at the window face. However considered in isolation, it does not, in any fashion, indicate the quality of actual light within a space. It does not take into account the window size, the room size or room use. It helps by indicating that if there is an appreciable amount of sky visible from a given point there will be a reasonable potential for daylighting.

(c) Adjoining Development Land

Paragraph 2.3.10 of the BRE guidelines states:

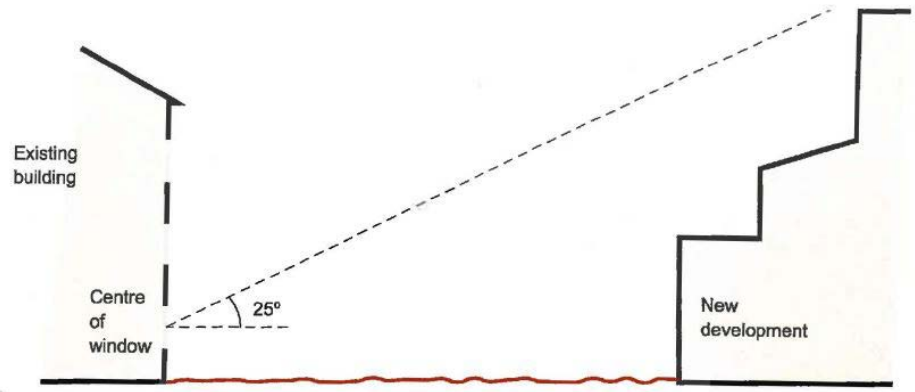
"in broad general terms, a development site next to a proposed new building will retain the potential for good diffuse daylighting providd that on each common boundary:

(a) no new building, measured in a vertical section perpendicular to the boundary, from a point 1.6m above ground level, subtends an angle of more than 43 degrees to the horizontal;

(b) or, If (a) is not satisfied, then all points 16.m above the boundary line are within 4m (measured along the boundary) of a point which has a VSC (looking towards the new building(s)) of 17% or more 2m above ground level are within 4m (measured sideways) of a point which has a vertical sky component of 27% or more.

Alternative VSC criteria as per Appendix F of the BRE guidelines

The 27% VSC target criteria is based upon a sub-urban type environment whereby a 25 degree line was taken from the centre point on a ground floor window as shown below:



However, in city centre locations and urban areas where density levels are increasing, these values may not be considered appropriate. The BRE guidelines provide that "*different targets may be used based on the special requirements of the proposed development or its location*" (paragraph F1).

Appendix F of the BRE suggests several approaches as to how alternative targets may be considered including:

- Consented scheme - use of an extant planning permission to establish alternative benchmark criteria for VSC and APSH. It is not appropriate to treat a permitted scheme in the same manner as an existing building and allow a 20% reduction beyond this. if the levels of daylight and sunlight retained are similar to a previously consented scheme then it follows these levels should be considered acceptable again, notwithstanding other planning considerations.
- Mirror massing – to ensure a development matches the height and proportions of existing buildings, the VSC and APSH targets could be set to those of a mirror image of the same height and size, an equal distance away from the boundary (paragraph F5).
- Consider surrounding context and existing obstruction angles as well as spacing to height ratios.

In addition, due to the requirements for external amenity space within local planning policies, many residential buildings are served by balconies. Balconies can restrict the view of the sky dome whereby even the modest obstruction may result in a large relative impact on the VSC. The BRE guidelines therefore provide that an assessment can be carried out comparing the levels of VSC with and without the balconies in place for both the existing and proposed scenarios, to establish whether it is the presence of the balcony or the size of the new obstruction that is the main factor in the loss of light (paragraph 2.2.11).

No Sky Line

Methodology

The NSL method is a measure of the distribution of daylight at the working plane within a room. The 'working plane' means a horizontal 'desktop' plane 0.85m in height for residential properties. The NSL divides those areas of the working plane which can receive direct sky light from those which cannot. If a significant area of the working plane lies beyond the NSL (i.e. it receives no direct sky light), then the distribution of daylight in the room will be poor and supplementary electric lighting may be required.

It is similar to the VSC approach in that a reduction of 0.8 times in the area of sky visibility at the working plane may be deemed to be noticeable. It is however, very dependent upon knowing the actual room layouts or having a reasonable understanding of the likely layouts.

It is assessed by plotting the area of a room which can see the sky and which cannot, referred to as the NSL contour or daylight distribution contour. The contours assist in helping to understand the way the daylight is distributed within a room and the comparisons of existing and limitations of proposed circumstances within neighbouring properties. Like the VSC method, it relates to the amount of visible sky but does not consider the room use in its criteria, it is simply a test to assess the change in position of the No Sky Line, between the existing and proposed situation. It does take into account the number and size of windows to a room, but does not give any quantitative or qualitative assessment of the light in the rooms, only where sky can or cannot be seen.

Criteria

BS 8206 Part 2 (para 5.7) that the:

> *"uniformity of daylight is considered to be unsatisfactory if a significant part of the working plane (normally more than 20%) lies behind the no-sky line".*

Therefore, it is implied that an NSL of at least 80% would be considered satisfactory in regards to deep rooms which are lit by windows on one side, the BRE Guidelines state (para, 2.2.10):

In regards to the alteration as a result of a proposed development or obstruction the BRE provide that the daylight may be adversely affected if *" the area of the working plane in a room which can receive direct skylight is reduced to less than 0.8 times its former value. ".*

Average Daylight Factor

Methodology

The Average Daylight Factor (ADF) is defined within the 2011 BRE Guidelines as:

> *'a ratio of total daylight flux incident on a reference area to the total area of the reference area, expressed as a percentage of outdoor luminance on a horizontal plane, due to an unobstructed sky of assumed or known luminance distribution'.*

Whilst the BRE guidelines provide this measure as a tool to understand daylight within proposed dwellings not existing dwellings, if room layouts are known it can provide a useful supplementary measure of daylight and is often requested by many local authorities.

The ADF method of assessment considers:

- The diffuse visible transmittance of the glazing to the room in question (i.e. how much light gets through the window glass). A transmittance value of 0.8% is assumed for single glazing and 0.65% for double glazed windows;
- The net glazed area of the window in question;
- The total area of the room surfaces (ceiling, walls, floor and windows); and
- The angle of visible sky reaching the window(s) in question

In addition, the ADF method makes allowance for the average reflectance of the internal surfaces of the room and of external obstruction (assumed to be 0.5 unless otherwise stated).

Criteria

The criteria for ADF is taken from the British Standard 8206 part II which gives the following criteria based on the room use:

- Bedroom – 1% ADF
- Living room – 1.5% ADF
- Kitchen – 2% ADF

Where a room has multiple uses such as a living kitchen diner (LKD) or a studio apartment, the highest value is taken so in these cases the required ADF is 2%.

Sunlight

Methodology

The BS 8206 part 2 (section 5.2) states that:

> *"Provided that the entry of sunlight is properly controlled, it is generally welcome in most buildings in the UK. Dissatisfaction can arise as much from the permanent exclusion of sunlight as from its excess. The provision of sunlight is important in dwellings, particularly during winter months. Sunlight is especially valued in habitable rooms used for long periods during the day."*

Sunlight is measured using a sun indicator which contains 100 spots, each representing 1% of Annual Probable Sunlight Hours (APSH). Where no obstruction exists the total APSH would

amount to 1486 hours and therefore each spot equates to 14.86 hours of the total annual sunlight hours.

The number of spots is calculated for both the whole year and also during the winter period (21st September to 21st 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. The 2011 BRE Guidelines note that:

- *"In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day, but especially in the afternoon."*

- *"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."*

- *"…a south facing window will, in general, receive most sunlight, while a north facing one will receive it only on a handful of occasions. East and west facing windows will receive sunlight only at certain times of day".*

When a room has multiple windows, not all may have a southerly orientation however, these windows may contribute to the levels of sunlight within a given room even if by 1-2% APSH. As well as the assessment on a window basis the BRE guidelines provide that an assessment can be undertaken on a room basis.

Whilst the emphasis of the BRE guidelines is in regards to living rooms, it is not always possible to determine the room uses within all of the properties assessed and therefore typically all windows or all rooms with windows facing within 90 degrees of due south and facing the site are assessed.

Criteria

The BRE provide that for existing buildings a window maybe adversely affected if a point at the centre of a window receives:

- Less than 25% of the APSH during the whole year, of which 5% APSH must be in the winter period; and
- Receives less than 0.8 times its former sunlight hours in either time period; and
- Has a reduction in sunlight for the whole year more than 4% APSH.

In terms of the assessment on a room basis the criteria applied is the same.

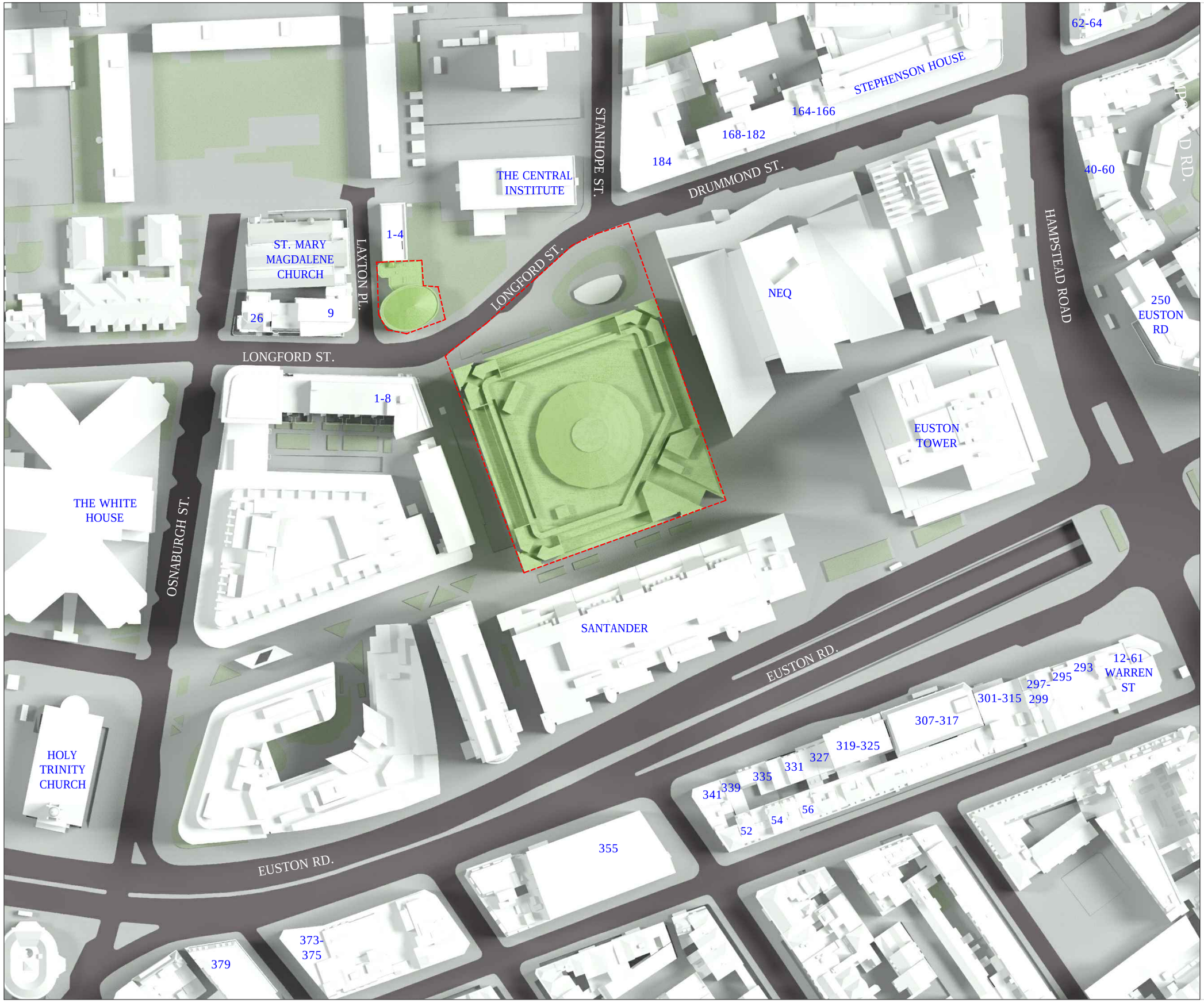
For proposed buildings the BRE provide (paragraph 3.1.15) that a dwelling or building which has a particular requirement for sunlight will appear reasonably sunlit provided:

- At least one main window faces within 90 degrees of due south; and
- Centre of one main living room window can receive 25% of APSH including 5% APSH in the winter months.

It continues that where groups of dwellings are planned the layout should aim to maximise the number of living rooms that meet the above recommendations.

Appendix 02

Drawings



SOURCES OF INFORMATION

IR00-5615 (GIA REL 02)

IR06-5615 (F!ND OS MAP)

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NOTES:

N.B. DO NOT SCALE OFF THIS DRAWING

ALL HEIGHTS AND DIMENSIONS GIVEN IN mm AOD

EXISTING SCENARIO SHOWN IN GREEN

PROJECT:

TRITON SQUARE - ST ANNE CHURCH
LONDON NW1

DRAWING NAME:

PLAN VIEW
EXISTING SCENARIO

DWN BY	SCALE	CHK BY	STATUS	DATE
RG	1:1250@A3		EX	28.07.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL016	IS007	001	A

gia
The Whitehouse
Belvedere Road
London SE1 8GA
t 020 7202 1400
f 020 7202 1401
mail@gia.uk.com
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SOURCES OF INFORMATION

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ALL HEIGHTS AND DIMENSIONS GIVEN IN mm AOD

EXISTING SCENARIO SHOWN IN GREEN

PROJECT:

TRITON SQUARE - ST ANNE CHURCH
LONDON NW1

DRAWING NAME:

3D VIEW
EXISTING SCENARIO

DWN BY	SCALE	CHK BY	STATUS	DATE
RG	NTS@A3		3D & ROL	28.07.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL016	IS007	002	A

gia
The Whitehouse
Belvedere Road
London SE1 8GA
t 020 7202 1400
f 020 7202 1401
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PROJECT:

TRITON SQUARE - ST ANNE CHURCH
LONDON NW1

DRAWING NAME:

3D VIEW
EXISTING SCENARIO

DWN BY	SCALE	CHK BY	STATUS	DATE
RG	NTS@A3		3D & ROL	28.07.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL016	IS007	003	A

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London SE1 8GA
t 020 7202 1400
f 020 7202 1401
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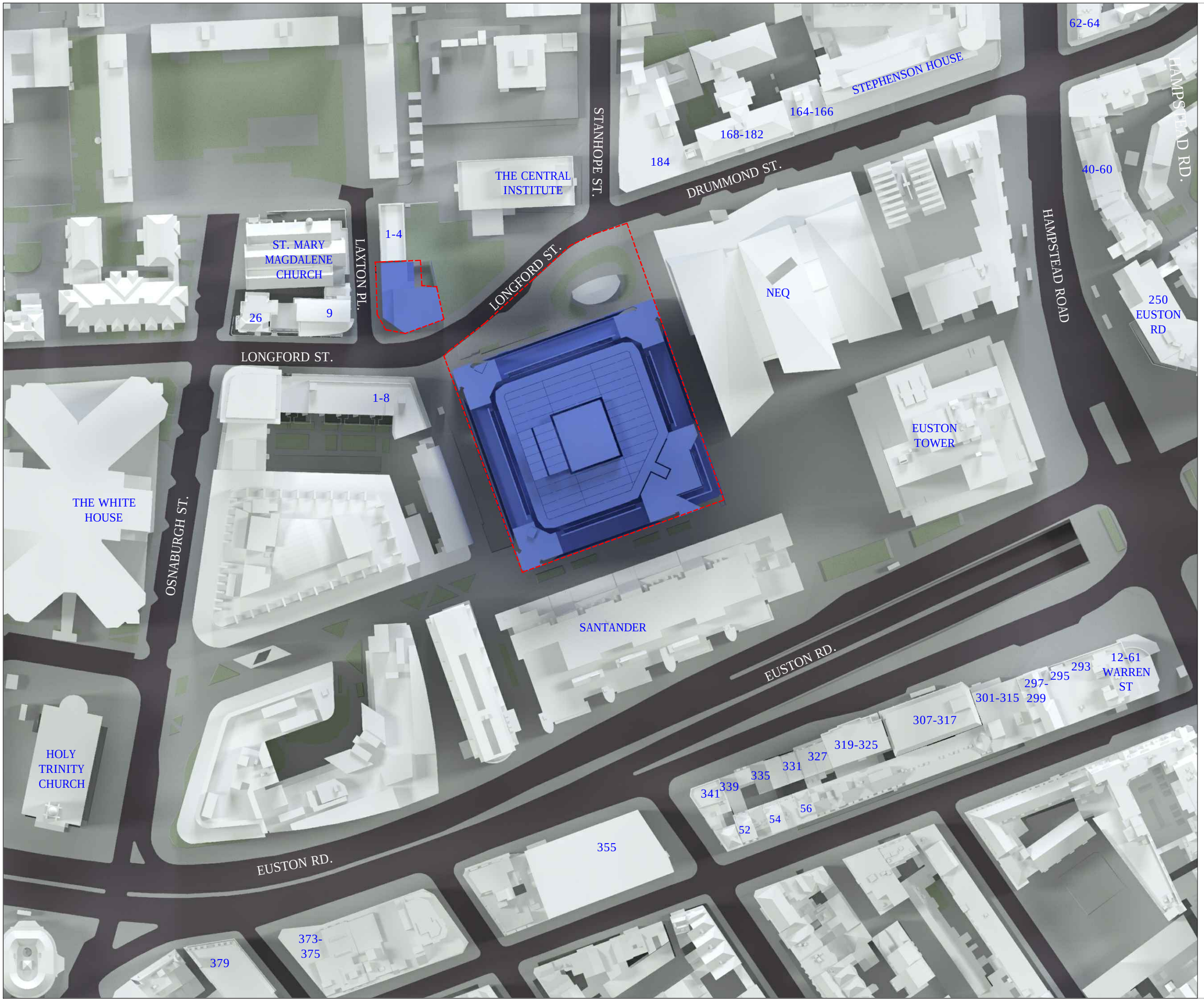
Proposed



SOURCES OF INFORMATION

IR00-5615 (GIA REL 02)

IR06-5615 (F!ND OS MAP)

IR31-5615-Arup Associates-12.09.2016
IR29-5615-Matthew Lloyd Architects-24.08.2016

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PROPOSED SCHEME SHOWN IN BLUE

PROJECT:

TRITON SQUARE - ST ANNE CHURCH
LONDON NW1

DRAWING NAME:

PLAN VIEW
PROPOSED SCHEME
IR29-RECEIVED 24.08.16
IR31-RECEIVED 12.09.16

DWN BY	SCALE	CHK BY	STATUS	DATE
CRC	1:1250@A3		P1	26.09.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL019	IS001	001	A

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Belvedere Road
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t 020 7202 1400
f 020 7202 1401
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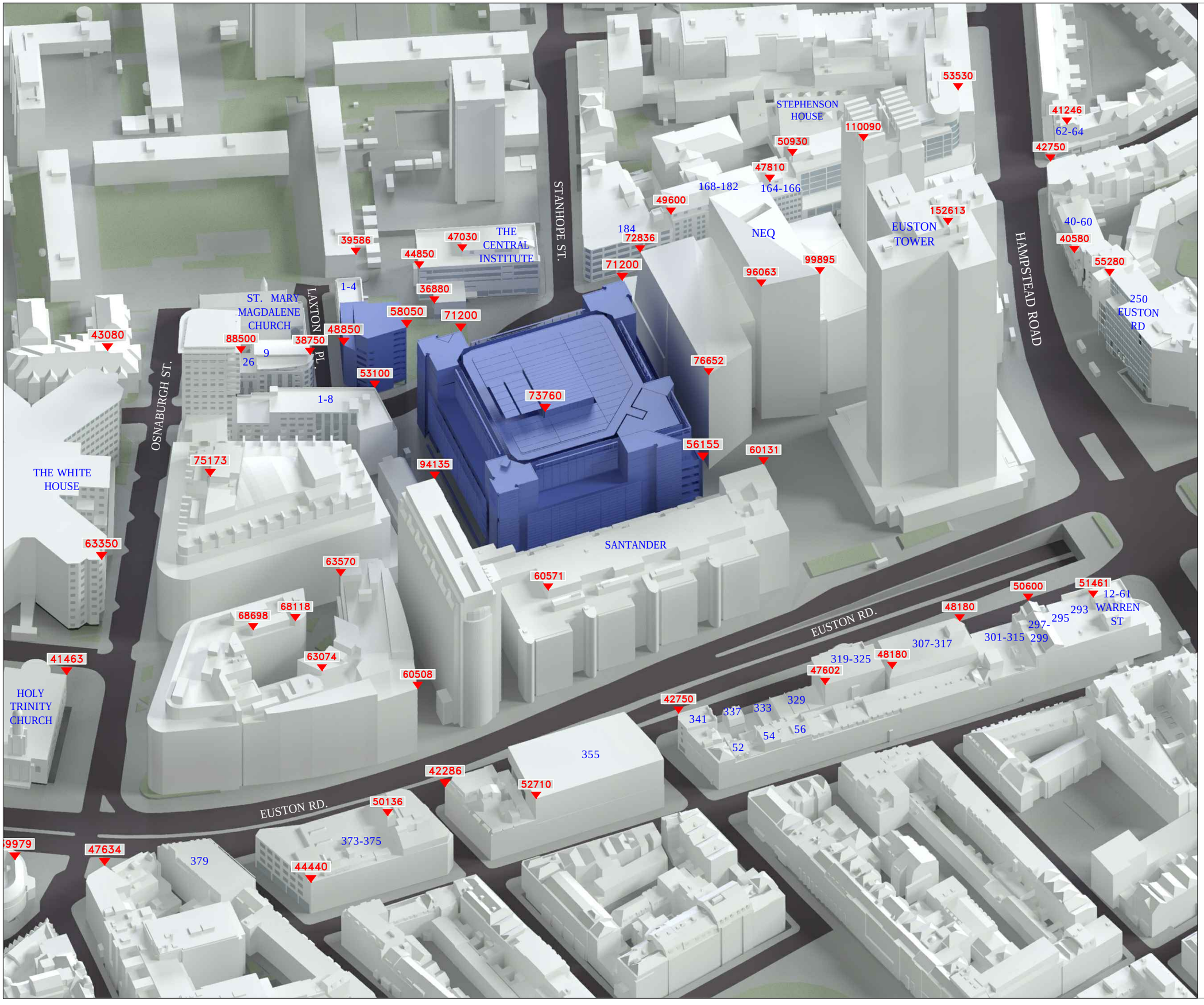

SOURCES OF INFORMATION

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IR31-5615-Arup Associates-12.09.2016
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PROJECT:

TRITON SQUARE - ST ANNE CHURCH
LONDON NW1

DRAWING NAME:

3D VIEW
PROPOSED SCHEME
IR29-RECEIVED 24.08.16
IR31-RECEIVED 12.09.16

DWN BY	SCALE	CHK BY	STATUS	DATE
CRC	NTS@A3		P1	26.09.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL017	IS001	002	A

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London SE1 8GA
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f 020 7202 1401
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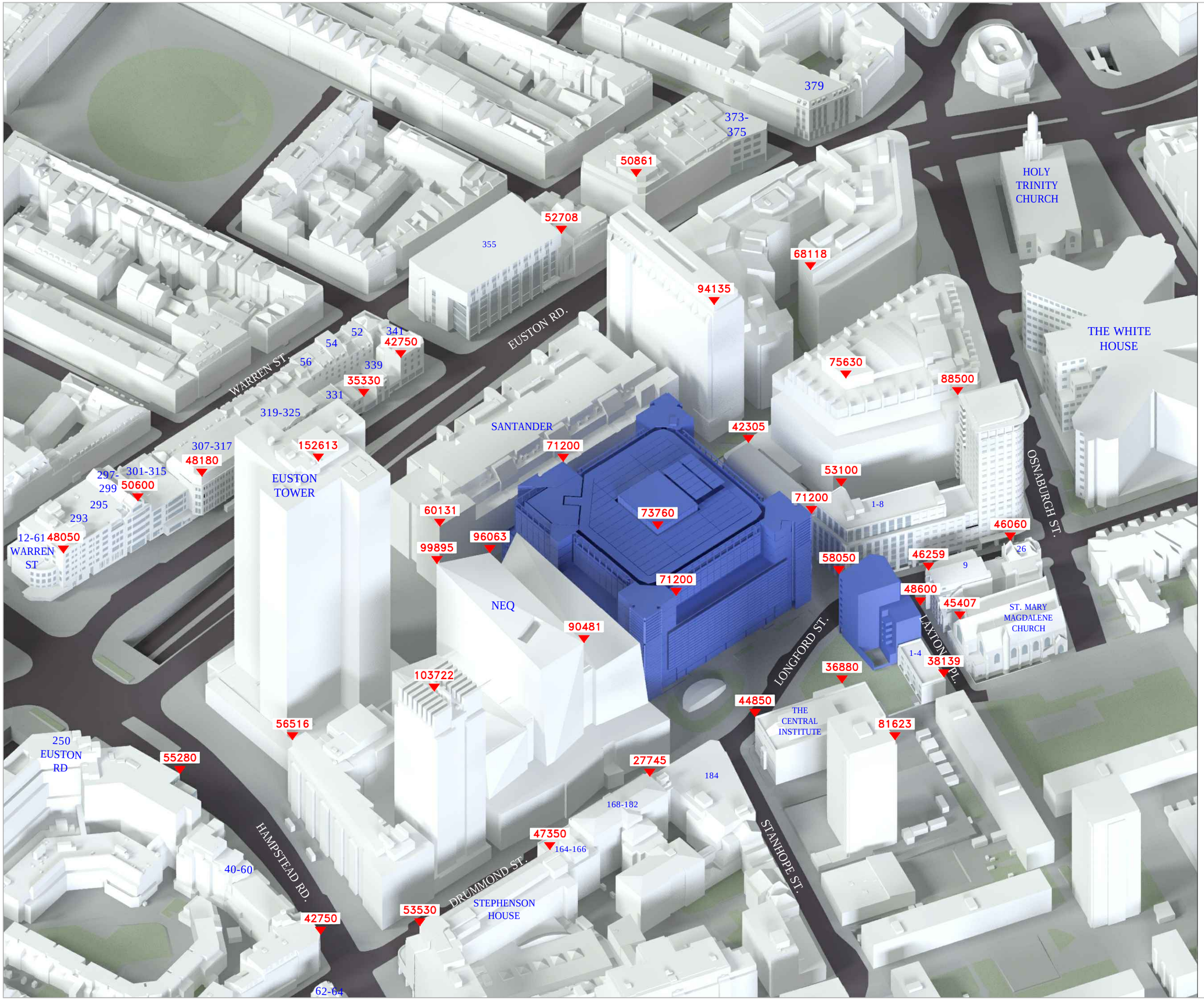

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CRC	NTS@A3		3D & ROL	26.09.2016
PROJ No.	REL No.	IS No.	DWG No.	REV No.
5615	REL019	IS001	003	A

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Belvedere Road
London SE1 8GA
t 020 7202 1400
f 020 7202 1401
mail@gia.uk.com
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Appendix 03

Daylight and Sunlight Results

Vertical Sky Component							Average Daylight Factor								
										Glazed	Existing		Proposed			
Room	Window	Room Use	Existing	Proposed	Loss	%	Room	Window	Room Use	Area	ADF	Total	ADF	Total	Loss	%
ST MARY MAGDALENE CHURCH																
R1/4299	**W1/4299**	Unknown	25.5	25.5	0	0.0	**R1/4299**	**W1/4299**	Unknown	1.6	0.7	0.7	0.7	0.7	0	0
R1/4300	**W13/4300**	Unknown	24.3	19.1	5.2	21.4	**R1/4300**	**W13/4300**	Unknown	20.1	0.3		0.3	0		
R1/4300	**W14/4300**	Unknown	14.3	11.8	2.5	17.5	**R1/4300**	**W14/4300**	Unknown	14.1	0.1		0.1	0		
R1/4300	**W15/4300**	Unknown	30.1	26	4.1	13.6	**R1/4300**	**W15/4300**	Unknown	33.6	0.6		0.5	0		
R1/4300	**W16/4300**	Unknown	26.7	26	0.7	2.6	**R1/4300**	**W16/4300**	Unknown	20.1	0.3		0.3	0		
R1/4300	**W17/4300**	Unknown	33.3	33.3	0	0.0	**R1/4300**	**W17/4300**	Unknown	8.5	0.2		0.2	0		
R1/4300	**W18/4300**	Unknown	32.4	32.4	0	0.0	**R1/4300**	**W18/4300**	Unknown	8.5	0.1		0.1	0		
R1/4300	**W19/4300**	Unknown	33.6	33.6	0	0.0	**R1/4300**	**W19/4300**	Unknown	8.5	0.2		0.2	0		
R1/4300	**W20/4300**	Unknown	33.7	33.7	0	0.0	**R1/4300**	**W20/4300**	Unknown	8.5	0.2		0.2	0		
R1/4300	**W21/4300**	Unknown	33.1	33.1	0	0.0	**R1/4300**	**W21/4300**	Unknown	8.5	0.1		0.1	0		
R1/4300	**W22/4300**	Unknown	34.4	34.4	0	0.0	**R1/4300**	**W22/4300**	Unknown	11.6	0.2		0.2	0		
R1/4300	**W23/4300**	Unknown	35.3	35.3	0	0.0	**R1/4300**	**W23/4300**	Unknown	22.3	0.4		0.4	0		
R1/4300	**W24/4300**	Unknown	33	33	0	0.0	**R1/4300**	**W24/4300**	Unknown	11.6	0.2		0.2	0		
R1/4300	**W25/4300**	Unknown	3.4	3.3	0.1	2.9	**R1/4300**	**W25/4300**	Unknown	8.5	0		0	0		
R1/4300	**W26/4300**	Unknown	5.8	5.7	0.1	1.7	**R1/4300**	**W26/4300**	Unknown	8.5	0.1		0.1	0		
R1/4300	**W27/4300**	Unknown	4.9	4.9	0	0.0	**R1/4300**	**W27/4300**	Unknown	8.5	0		0	0		
R1/4300	**W28/4300**	Unknown	32.3	32.3	0	0.0	**R1/4300**	**W28/4300**	Unknown	5.0	0.1	3.1	0.1	3	0.1	3.225806452
R2/4300	**W1/4300**	Unknown	17.1	8.8	8.3	48.5	**R2/4300**	**W1/4300**	Unknown	0.4	0.1		0.1	0		
R2/4300	**W2/4300**	Unknown	18	9	9	50.0	**R2/4300**	**W2/4300**	Unknown	0.4	0.1		0.1	0		
R2/4300	**W3/4300**	Unknown	18.2	8.8	9.4	51.6	**R2/4300**	**W3/4300**	Unknown	0.4	0.1		0.1	0		
R2/4300	**W4/4300**	Unknown	20.9	12.7	8.2	39.2	**R2/4300**	**W4/4300**	Unknown	0.3	0.1	0.5	0.1	0.3	0.2	40
R3/4300	**W5/4300**	Unknown	20.4	13.9	6.5	31.9	**R3/4300**	**W5/4300**	Unknown	0.3	0.1		0.1	0		
R3/4300	**W6/4300**	Unknown	20.3	14.9	5.4	26.6	**R3/4300**	**W6/4300**	Unknown	0.3	0.1		0.1	0		
R3/4300	**W7/4300**	Unknown	20.2	15.6	4.6	22.8	**R3/4300**	**W7/4300**	Unknown	0.3	0.1		0.1	0		
R3/4300	**W8/4300**	Unknown	19.8	16.5	3.3	16.7	**R3/4300**	**W8/4300**	Unknown	0.3	0.1		0.1	0		
R3/4300	**W4/4300**	Unknown	20.9	12.7	8.2	39.2	**R3/4300**	**W4/4300**	Unknown	0.3	0.1	0.4	0.1	0.3	0.1	25
R4/4300	**W10/4300**	Unknown	14.6	14.6	0	0.0	**R4/4300**	**W10/4300**	Unknown	0.4	0.1		0.1	0		
R4/4300	**W11/4300**	Unknown	17.3	17.3	0	0.0	**R4/4300**	**W11/4300**	Unknown	0.4	0.1		0.1	0		
R4/4300	**W12/4300**	Unknown	19.3	19.3	0	0.0	**R4/4300**	**W12/4300**	Unknown	0.4	0.1	0.4	0.1	0.4	0	0
R5/4300	**W9/4300**	Unknown	21	21	0	0.0	**R5/4300**	**W9/4300**	Unknown	0.3	0.6	0.6	0.6	0.6	0	0
1-4 LAXTON PLACE																
R1/4400	**W1/4400**	Unknown	13	13	0	0.0	**R1/4400**	**W1/4400**	Unknown	2.2	0.6	0.6	0.6	0.6	0	0
R2/4400	**W2/4400**	Unknown	10.3	10.3	0	0.0	**R2/4400**	**W2/4400**	Unknown	3.8	2.1	2.1	2.1	2.1	0	0
R3/4400	**W3/4400**	Unknown	10.3	10.3	0	0.0	**R3/4400**	**W3/4400**	Unknown	2.2	0.6		0.6	0		
R3/4400	**W4/4400**	Unknown	9.5	9.5	0	0.0	**R3/4400**	**W4/4400**	Unknown	0.7	0.5	1	0.5	1	0	0
R4/4400	**W5/4400**	Unknown	7.7	7.7	0	0.0	**R4/4400**	**W5/4400**	Unknown	3.8	1.8	1.8	1.8	1.8	0	0
R5/4400	**W6/4400**	Unknown	7.2	7.2	0	0.0	**R5/4400**	**W6/4400**	Unknown	2.2	0		0	0		
R5/4400	**W7/4400**	Unknown	6.6	6.6	0	0.0	**R5/4400**	**W7/4400**	Unknown	0.7	0.4	0.4	0.4	0.4	0	0
R6/4400	**W8/4400**	Unknown	5.3	5.3	0	0.0	**R6/4400**	**W8/4400**	Unknown	3.8	1.4	1.4	1.4	1.4	0	0
R7/4400	**W9/4400**	Unknown	4.8	4.8	0	0.0	**R7/4400**	**W9/4400**	Unknown	2.2	0		0	0		
R7/4400	**W10/4400**	Unknown	4.5	4.5	0	0.0	**R7/4400**	**W10/4400**	Unknown	0.7	0.3	0.3	0.3	0.3	0	0
R8/4400	**W11/4400**	Unknown	3.8	3.8	0	0.0	**R8/4400**	**W11/4400**	Unknown	3.8	1.1	1.1	1.1	1.1	0	0
R9/4400	**W12/4400**	Unknown	9	10.2	-1.2	-13.3	**R9/4400**	**W12/4400**	Unknown	3.3	1	1	1	1	0	0
R10/4400	**W13/4400**	Unknown	6.6	6.5	0.1	1.5	**R10/4400**	**W13/4400**	Unknown	3.7	1.5	1.5	1.4	1.4	0	0
R11/4400	**W14/4400**	Unknown	11	10.4	0.6	5.5	**R11/4400**	**W14/4400**	Unknown	3.3	1	1	1	1	0	0
R12/4400	**W15/4400**	Unknown	6.8	5.8	1	14.7	**R12/4400**	**W15/4400**	Unknown	3.8	1.5	1.5	1.3	1.3	0.1	6.666666667
R13/4400	**W16/4400**	Unknown	10.1	9.6	0.5	5.0	**R13/4400**	**W16/4400**	Unknown	3.3	0.9	0.9	0.9	0.9	0	0
R14/4400	**W17/4400**	Unknown	6	5	1	16.7	**R14/4400**	**W17/4400**	Unknown	3.8	1.3	1.3	1.2	1.2	0.2	15.38461538
R15/4400	**W18/4400**	Unknown	9.2	8.8	0.4	4.3	**R15/4400**	**W18/4400**	Unknown	3.3	0.9	0.9	0.9	0.9	0	0
R16/4400	**W19/4400**	Unknown	5.2	4.3	0.9	17.3	**R16/4400**	**W19/4400**	Unknown	3.8	1.2	1.2	1	1	0.2	16.66666667
R1/4401	**W1/4401**	Unknown	30	30	0	0.0	**R1/4401**	**W1/4401**	Unknown	3.9	3.3	3.3	3.3	3.3	0	0
R2/4401	**W2/4401**	Unknown	29.2	29.2	0	0.0	**R2/4401**	**W2/4401**	Unknown	3.8	3.5	3.5	3.5	3.5	0	0
R3/4401	**W3/4401**	Unknown	27.6	27.6	0	0.0	**R3/4401**	**W3/4401**	Unknown	3.9	3.1	3.1	3.1	3.1	0	0
R4/4401	**W4/4401**	Unknown	26.5	26.5	0	0.0	**R4/4401**	**W4/4401**	Unknown	3.8	3.3	3.3	3.3	3.3	0	0
R5/4401	**W5/4401**	Unknown	24.6	24.6	0	0.0	**R5/4401**	**W5/4401**	Unknown	3.9	2.9	2.9	2.9	2.9	0	0
R6/4401	**W6/4401**	Unknown	23.7	23.6	0.1	0.4	**R6/4401**	**W6/4401**	Unknown	3.8	3	3	3	3	0	0
R7/4401	**W7/4401**	Unknown	22.2	22.2	0	0.0	**R7/4401**	**W7/4401**	Unknown	3.9	2.7	2.7	2.7	2.7	0	0
R8/4401	**W8/4401**	Unknown	21.3	22	-0.7	-3.3	**R8/4401**	**W8/4401**	Unknown	3.8	2.8	2.8	2.9	2.9	-0.1	-3.57142857
R9/4401	**W9/4401**	Unknown	24.8	21.8	3	12.1	**R9/4401**	**W9/4401**	Unknown	3.6	2	2	1.8	1.8	0.2	10
R10/4401	**W10/4401**	Unknown	24.2	21.9	2.3	9.5	**R10/4401**	**W10/4401**	Unknown	3.6	2	2	1.8	1.8	0.1	5
R11/4401	**W11/4401**	Unknown	23.4	21.5	1.9	8.1	**R11/4401**	**W11/4401**	Unknown	3.6	1.9	1.9	1.8	1.8	0.1	5.263157895
R12/4401	**W12/4401**	Unknown	22.9	21.3	1.6	7.0	**R12/4401**	**W12/4401**	Unknown	3.6	1.9	1.9	1.8	1.8	0.1	5.263157895
R1/4402	**W1/4402**	Unknown	32.3	32.3	0	0.0	**R1/4402**	**W1/4402**	Unknown	2.7	2.8	2.8	2.8	2.8	0	0
R2/4402	**W2/4402**	Unknown	31.2	31.2	0	0.0	**R2/4402**	**W2/4402**	Unknown	1.9	2.2	2.2	2.2	2.2	0	0
R3/4402	**W3/4402**	Unknown	30.5	30.5	0	0.0	**R3/4402**	**W3/4402**	Unknown	2.7	2.7	2.7	2.7	2.7	0	0
R4/4402	**W4/4402**	Unknown	29.3	29.3	0	0.0	**R4/4402**	**W4/4402**	Unknown	1.9	2.1	2.1	2.1	2.1	0	0
R5/4402	**W5/4402**	Unknown	28.5	28.5	0	0.0	**R5/4402**	**W5/4402**	Unknown	2.7	2.5	2.5	2.5	2.5	0	0
R6/4402	**W6/4402**	Unknown	27	27	0	0.0	**R6/4402**	**W6/4402**	Unknown	1.9	1.9	1.9	1.9	1.9	0	0
R7/4402	**W7/4402**	Unknown	26.4	26.4	0	0.0	**R7/4402**	**W7/4402**	Unknown	2.7	2.4	2.4	2.4	2.4	0	0
R8/4402	**W8/4402**	Unknown	25.8	25.8	0	0.0	**R8/4402**	**W8/4402**	Unknown	1.9	1.9	1.9	1.9	1.9	0	0
R9/4402	**W9/4402**	Unknown	26.6	22.8	3.8	14.3	**R9/4402**	**W9/4402**	Unknown	1.0	1	1	0.9	0.9	0.1	10
R10/4402	**W10/4402**	Unknown	26.5	23.3	3.2	12.1	**R10/4402**	**W10/4402**	Unknown	3.6	3.1	3.1	2.8	2.8	0.3	9.677419355
R11/4402	**W11/4402**	Unknown	26.2	23.5	2.7	10.3	**R11/4402**	**W11/4402**	Unknown	1.0	1	1	1	1	0.1	10
R12/4402	**W12/4402**	Unknown	26	23.6	2.4	9.2	**R12/4402**	**W12/4402**	Unknown	3.6	3	3	2.8	2.8	0.2	6.666666667
R13/4402	**W13/4402**	Unknown	25.5	23.4	2.1	8.2	**R13/4402**	**W13/4402**	Unknown	1.0	1	1	0.9	0.9	0	0
R14/4402	**W14/4402**	Unknown	25.3	23.4	1.9	7.5	**R14/4402**	**W14/4402**	Unknown	3.6	3	3	2.8	2.8	0.2	6.666666667
R15/4402	**W15/4402**	Unknown	25.1	23.3	1.8	7.2	**R15/4402**	**W15/4402**	Unknown	1.0	1	1	0.9	0.9	0	0
R16/4402	**W16/4402**	Unknown	25	23.4	1.6	6.4	**R16/4402**	**W16/4402**	Unknown	3.6	2.9	2.9	2.8	2.8	0.1	3.448275862
9 LAXTON PLACE																
R1/400	**W1/400**	Living Room	0	0	0	0.0	**R1/400**	**W1/400**	Living Room	1.8	0	0	0	0	0	-
R2/400	**W2/400**	Bedroom	7.5	7.2	0.3	4.0	**R2/400**	**W2/400**	Bedroom	1.8	0.8	0.8	0.8	0.8	0	0
R3/400	**W3/400**	Bedroom	7.6	7.3	0.3	3.9	**R3/400**	**W3/400**	Bedroom	1.8	0.7	0.7	0.7	0.7	0	0
R4/400	**W4/400**	Kitchen	0	0	0	0.0	**R4/400**	**W4/400**	Kitchen	0.8	0	0	0	0	0	-
R5/400	**W5/400**	Living Room	1.4	1	0.4	28.6	**R5/400**	**W5/400**	Living Room	1.6	0.1		0	0		
R5/400	**W6/400**	Living Room	11.1	9.1	2	18.0	**R5/400**	**W6/400**	Living Room	0.8	0.3		0.3	0		
R5/400	**W7/400**	Living Room	12.5	9.7	2.8	22.4	**R5/400**	**W7/400**	Living Room	0.8	0.3		0.3	0		
R5/400	**W8/400**	Living Room	15	9.7	5.3	35.3	**R5/400**	**W8/400**	Living Room	0.9	0.4		0.3	0		

Vertical Sky Component							Average Daylight Factor							
										Glazed	Existing		Proposed			
Room	Window	Room Use	Existing	Proposed	Loss	%	Room	Window	Room Use	Area	ADF	Total	ADF	Total	Loss	%
R5/400	W9/400	Living Room	15.7	9.4	6.3	40.1	R5/400	W9/400	Living Room	0.9	0.4	1.6	0.3	1.3	0.3	18.75
R6/400	W10/400	Living Room	20.1	9.3	10.8	53.7	R6/400	W10/400	Living Room	1.5	0.9		0.5	0		
R6/400	W11/400	Living Room	21.4	9.8	11.6	54.2	R6/400	W11/400	Living Room	1.5	0.9	1.8	0.5	1.1	0.7	38.88888889
R7/400	W12/400	Lobby	21.3	9.6	11.7	54.9	R7/400	W12/400	Lobby	1.2	1.1		0.7	0		
R7/400	W13/400	Lobby	12.2	11.4	0.8	6.6	R7/400	W13/400	Lobby	0.3	0.2	1.3	0.2	0.8	0.4	30.76923077
R8/400	W14/400	Refuse Room	7.4	7.1	0.3	4.1	R8/400	W14/400	Refuse Room	1.6	0.6	0.6	0.6	0.6	0	0
R1/401	W1/401	Living Room	0.1	0.1	0	0.0	R1/401	W1/401	Living Room	2.6	0	0	0	0	0	-
R2/401	W2/401	Bedroom	8.5	8.2	0.3	3.5	R2/401	W2/401	Bedroom	2.6	0.8	0.8	0.8	0.8	0	0
R3/401	W3/401	Bedroom	8.6	8.3	0.3	3.5	R3/401	W3/401	Bedroom	2.6	1	1	0.9	0.9	0	0
R4/401	W4/401	Bedroom	8.7	8.4	0.3	3.4	R4/401	W4/401	Bedroom	2.6	0.9	0.9	0.8	0.8	0	0
R5/401	W5/401	Kitchen	0	0	0	0.0	R5/401	W5/401	Kitchen	0.8	0	0	0	0	0	-
R6/401	W6/401	Living Room	2.2	1.7	0.5	22.7	R6/401	W6/401	Living Room	1.6	0.1		0.1	0		
R6/401	W7/401	Living Room	12.5	10.3	2.2	17.6	R6/401	W7/401	Living Room	1.3	0.4		0.4	0		
R6/401	W8/401	Living Room	14.2	10.9	3.3	23.2	R6/401	W8/401	Living Room	1.3	0.5		0.4	0		
R6/401	W9/401	Living Room	17.3	10.8	6.5	37.6	R6/401	W9/401	Living Room	1.4	0.6		0.4	0		
R6/401	W10/401	Living Room	18.2	10.5	7.7	42.3	R6/401	W10/401	Living Room	1.4	0.6	2.1	0.4	1.7	0.4	19.04761905
R7/401	W11/401	Kitchen	4.1	0	4.1	100.0	R7/401	W11/401	Kitchen	1.4	0.4	0.4	0	0	0.4	100
R8/401	W12/401	Living Room	23.4	10.5	12.9	55.1	R8/401	W12/401	Living Room	2.4	1.2		0.7	0		
R8/401	W13/401	Living Room	24.9	11	13.9	55.8	R8/401	W13/401	Living Room	2.4	1.2	2.4	0.7	1.4	1	41.66666667
R9/401	W14/401	Kitchen	25.6	11.8	13.8	53.9	R9/401	W14/401	Kitchen	1.6	1.7	1.7	1	1	0.7	41.17647059
R1/402	W1/402	Living Room	0	0	0	0.0	R1/402	W1/402	Living Room	2.4	0	0	0	0	0	-
R2/402	W2/402	Bedroom	10.2	10	0.2	2.0	R2/402	W2/402	Bedroom	2.6	0.9	0.9	0.9	0.9	0	0
R3/402	W3/402	Bedroom	10.4	10.1	0.3	2.9	R3/402	W3/402	Bedroom	2.6	1.1	1.1	1.1	1.1	0	0
R4/402	W4/402	Bedroom	10.5	10.1	0.4	3.8	R4/402	W4/402	Bedroom	2.6	1	1	0.9	0.9	0	0
R5/402	W5/402	Kitchen	0	0	0	0.0	R5/402	W5/402	Kitchen	0.8	0	0	0	0	0	-
R6/402	W6/402	Living Room	2.4	1.8	0.6	25.0	R6/402	W6/402	Living Room	1.6	0.1		0.1	0		
R6/402	W7/402	Living Room	14.5	12.2	2.3	15.9	R6/402	W7/402	Living Room	1.4	0.5		0.4	0		
R6/402	W8/402	Living Room	16.5	12.9	3.6	21.8	R6/402	W8/402	Living Room	1.4	0.5		0.4	0		
R6/402	W9/402	Living Room	20.3	12.7	7.6	37.4	R6/402	W9/402	Living Room	1.4	0.6		0.5	0		
R6/402	W10/402	Living Room	21.5	12.4	9.1	42.3	R6/402	W10/402	Living Room	1.4	0.6	2.3	0.4	1.9	0.5	21.73913043
R7/402	W11/402	Kitchen	3.9	0	3.9	100.0	R7/402	W11/402	Kitchen	1.4	0.4	0.4	0	0	0.4	100
R8/402	W12/402	Living Room	26.2	12.4	13.8	52.7	R8/402	W12/402	Living Room	2.4	1.3		0.8	0		
R8/402	W13/402	Living Room	27.3	12.9	14.4	52.7	R8/402	W13/402	Living Room	2.4	1.3	2.6	0.8	1.6	1	38.46153846
R9/402	W14/402	Bedroom	28	13.9	14.1	50.4	R9/402	W14/402	Bedroom	1.6	1.8	1.8	1.1	1.1	0.7	38.88888889
R1/403	W1/403	Living Room	0	0	0	0.0	R1/403	W1/403	Living Room	2.3	0	0	0	0	0	-
R2/403	W2/403	Bedroom	12.5	12.2	0.3	2.4	R2/403	W2/403	Bedroom	2.4	1.1	1.1	1	1	0	0
R3/403	W3/403	Bedroom	12.6	12.3	0.3	2.4	R3/403	W3/403	Bedroom	2.4	1.2	1.2	1.2	1.2	0	0
R4/403	W4/403	Bedroom	12.8	12.4	0.4	3.1	R4/403	W4/403	Bedroom	2.4	1.1	1.1	1	1	0	0
R5/403	W5/403	Kitchen	0	0	0	0.0	R5/403	W5/403	Kitchen	0.8	0	0	0	0	0	-
R6/403	W6/403	Living Room	2.8	2.2	0.6	21.4	R6/403	W6/403	Living Room	1.6	0.2		0.1	0		
R6/403	W7/403	Living Room	17	14.6	2.4	14.1	R6/403	W7/403	Living Room	1.2	0.5		0.5	0		
R6/403	W8/403	Living Room	19	15.3	3.7	19.5	R6/403	W8/403	Living Room	1.2	0.5		0.5	0		
R6/403	W9/403	Living Room	22.8	14.9	7.9	34.6	R6/403	W9/403	Living Room	1.3	0.6		0.5	0		
R6/403	W10/403	Living Room	24	14.5	9.5	39.6	R6/403	W10/403	Living Room	1.3	0.7	2.5	0.5	2.1	0.5	20
R7/403	W11/403	Kitchen	3.8	0	3.8	100.0	R7/403	W11/403	Kitchen	1.4	0.4	0.4	0	0	0.4	100
R8/403	W12/403	Living Room	28	14.7	13.3	47.5	R8/403	W12/403	Living Room	2.2	1.3		0.9	0		
R8/403	W13/403	Living Room	28.7	15.3	13.4	46.7	R8/403	W13/403	Living Room	2.2	1.3	2.6	0.9	1.7	0.9	34.61538462
R1/404	W1/404	Living Room	0.7	0.7	0	0.0	R1/404	W1/404	Living Room	2.3	0		0	0		
R1/404	W8/404	Living Room	23.3	23.3	0	0.0	R1/404	W8/404	Living Room	1.3	0.7	0.7	0.7	0.7	0	0
R2/404	W2/404	Bedroom	15.1	14.8	0.3	2.0	R2/404	W2/404	Bedroom	2.4	1.2	1.2	1.2	1.2	0	0
R3/404	W3/404	Bedroom	15.3	14.9	0.4	2.6	R3/404	W3/404	Bedroom	2.4	1.4	1.4	1.3	1.3	0	0
R4/404	W4/404	Bedroom	15.5	15	0.5	3.2	R4/404	W4/404	Bedroom	2.4	1.2	1.2	1.2	1.2	0	0
R5/404	W5/404	Kitchen	0	0	0	0.0	R5/404	W5/404	Kitchen	0.8	0	0	0	0	0	-
R6/404	W6/404	Living Room	3.4	2.7	0.7	20.6	R6/404	W6/404	Living Room	1.6	0.2		0.1	0		
R6/404	W9/404	Living Room	20	17.6	2.4	12.0	R6/404	W9/404	Living Room	1.3	0.6		0.5	0		
R6/404	W10/404	Living Room	21.7	18.1	3.6	16.6	R6/404	W10/404	Living Room	1.3	0.6		0.5	0		
R6/404	W11/404	Living Room	25	17.4	7.6	30.4	R6/404	W11/404	Living Room	1.3	0.7		0.5	0		
R6/404	W12/404	Living Room	26.1	17	9.1	34.9	R6/404	W12/404	Living Room	1.3	0.7	2.7	0.5	2.3	0.4	14.81481481
R8/404	W13/404	Kitchen	13	3.7	9.3	71.5	R8/404	W13/404	Kitchen	1.2	0.6	0.6	0.3	0.3	0.4	66.66666667
R9/404	W15/404	Living Room	22.3	20.3	2	9.0	R9/404	W15/404	Living Room	2.7	1		1	0		
R9/404	W14/404	Living Room	17.8	6.9	10.9	61.2	R9/404	W14/404	Living Room	1.2	0.7	1.7	0.3	1.3	0.4	23.52941176
R1/405	W2/405	Living Room	16.2	15.9	0.3	1.9	R1/405	W2/405	Living Room	0.5	0		0	0		
R1/405	W3/405	Living Room	16.6	16.3	0.3	1.8	R1/405	W3/405	Living Room	1.6	0.3		0.3	0		
R1/405	W4/405	Living Room	16.7	16.4	0.3	1.8	R1/405	W4/405	Living Room	0.5	0.1	0.4	0.1	0.4	0	0
R2/405	W5/405	Studio	17.1	16.7	0.4	2.3	R2/405	W5/405	Studio	0.8	0.1		0.1	0		
R2/405	W6/405	Studio	17.6	17.1	0.5	2.8	R2/405	W6/405	Studio	1.6	0.2		0.2	0		
R2/405	W7/405	Studio	17.3	16.8	0.5	2.9	R2/405	W7/405	Studio	0.4	0.1	0.4	0.1	0.4	0	0
R3/405	W8/405	Kitchen	18.6	18	0.6	3.2	R3/405	W8/405	Kitchen	0.8	0.3	0.3	0.3	0.3	0	0
R4/405	W9/405	Bathroom	18.9	18.2	0.7	3.7	R4/405	W9/405	Bathroom	0.8	0.4	0.4	0.4	0.4	0	0
R5/405	W10/405	Living Room	19.7	18.8	0.9	4.6	R5/405	W10/405	Living Room	1.6	0.3		0.3	0		
R5/405	W11/405	Living Room	20	19	1	5.0	R5/405	W11/405	Living Room	0.4	0.1		0.1	0		
R5/405	W12/405	Living Room	22.9	20.4	2.5	10.9	R5/405	W12/405	Living Room	0.8	0.2		0.1	0		
R5/405	W13/405	Living Room	27.2	19.8	7.4	27.2	R5/405	W13/405	Living Room	0.8	0.2	0.8	0.1	0.6	0.2	25
R6/405	W15/405	Bathroom	22.7	14.4	8.3	36.6	R6/405	W15/405	Bathroom	0.6	1.1	1.1	0.8	0.8	0.3	27.27272727
R7/405	W16/405	Kitchen	36.4	35.1	1.3	3.6	R7/405	W16/405	Kitchen	1.3	2.3	2.3	2.3	2.3	0.1	4.347826087
R1/406	W1/406	Test	6.9	6.5	0.4	5.8	R1/406	W1/406	Test	0.8	0.2	0.2	0.2	0.2	0	0
1-8 LONGFORD STREET																
R3/900	W5/900	LIVINGROOM	10.4	6.4	4	38.5	R3/900	W5/900	LIVINGROOM	7.3	1.1	1.1	0.8	0.8	0.3	27.27272727
R4/900	W6/900	LIVINGROOM	13.2	8.1	5.1	38.6	R4/900	W6/900	LIVINGROOM	7.3	1.4	1.4	1.1	1.1	0.4	28.57142857
R5/900	W7/900	LIVINGROOM	13.5	7.6	5.9	43.7	R5/900	W7/900	LIVINGROOM	7.3	1.7	1.7	1.2	1.2	0.5	29.41176471
R6/900	W10/900	LIVINGROOM	16.2	13	3.2	19.8	R6/900	W10/900	LIVINGROOM	3.9	1.1		1	0		
R6/900	W8/900	LIVINGROOM	12.4	5.5	6.9	55.6	R6/900	W8/900	LIVINGROOM	4.8	1		0.6	0		
R6/900	W9/900	LIVINGROOM	18.3	14.5	3.8	20.8	R6/900	W9/900	LIVINGROOM	3.9	1.2	3.3	1.1	2.6	0.7	21.21212121
R7/900	W11/900	BEDROOM	13.5	10.7	2.8	20.7	R7/900	W11/900	BEDROOM	3.9	1		0.9	0		
R7/900	W12/900	BEDROOM	11.4	8.7	2.7	23.7	R7/900	W12/900	BEDROOM	3.9	0.9	1.9	0.8	1.6	0.3	15.78947368
R8/900	W13/900	BEDROOM	10	7.3	2.7	27.0	R8/900	W13/900	BEDROOM	3.9	1.2	1.2	1	1	0.2	16.66666667
R9/900	W14/900	BEDROOM	9.1	6.4	2.7	29.7	R9/900	W14/900	BEDROOM	3.9	1.1	1.1	0.9	0.9	0.2	18.18181818
R10/900	W15/900	LIVING/KITCHEN	1.8	1.8	0	0.0	R10/900	W15/900	LIVING/KITCHEN	3.9	0.2		0.2	0		
R10/900	W16/900	LIVING/KITCHEN	1.7	1.7	0	0.0	R10/900	W16/900	LIVING/KITCHEN	2.1	0.1	0.3	0.1	0.3	0	0
R11/900	W18/900	KITCHEN	6.6	6.6	0	0.0	R11/900	W18/900	KITCHEN	2.2	0.7	0.7	0.7	0.7	0	0

Vertical Sky Component							Average Daylight Factor							
										Glazed	Existing		Proposed			
Room	Window	Room Use	Existing	Proposed	Loss	%	Room	Window	Room Use	Area	ADF	Total	ADF	Total	Loss	%
R12/900	W19/900	BEDROOM	6.3	6.3	0	0.0	R12/900	W19/900	BEDROOM	2.2	0.5		0.5	0		
R12/900	W20/900	BEDROOM	7.9	7.9	0	0.0	R12/900	W20/900	BEDROOM	2.2	0.6	1.1	0.6	1.1	0	0
R13/900	W21/900	LIVING/KITCHEN	9.8	9.8	0	0.0	R13/900	W21/900	LIVING/KITCHEN	4.8	1.8	1.8	1.8	1.8	0	0
R14/900	W17/900	Unknown	5.7	5.7	0	0.0	R14/900	W17/900	Unknown	4.8	1.2	1.2	1.2	1.2	0	0
R15/900	W22/900	LIVING/KITCHEN	7.3	7.2	0.1	1.4	R15/900	W22/900	LIVING/KITCHEN	4.8	1.2	1.2	1.2	1.2	0	0
R16/900	W23/900	Unknown	9.5	9.2	0.3	3.2	R16/900	W23/900	Unknown	2.2	0.8	0.8	0.8	0.8	0	0
R10/901	W10/901	Unknown	24.9	20.1	4.8	19.3	R10/901	W10/901	Unknown	4.7	3.1	3.1	2.7	2.7	0.4	12.90322581
R11/901	W11/901	BEDROOM	26.2	20.8	5.4	20.6	R11/901	W11/901	BEDROOM	4.7	2.7	2.7	2.3	2.3	0.4	14.81481481
R12/901	W12/901	BEDROOM	27.7	21.3	6.4	23.1	R12/901	W12/901	BEDROOM	4.7	3.3	3.3	2.8	2.8	0.5	15.15151515
R13/901	W13/901	BEDROOM	28.4	21.4	7	24.6	R13/901	W13/901	BEDROOM	4.7	2.4	2.4	1.9	1.9	0.4	16.66666667
R14/901	W14/901	BEDROOM	28.9	21.2	7.7	26.6	R14/901	W14/901	BEDROOM	4.7	2.5	2.5	2	2	0.5	20
R15/901	W15/901	BEDROOM	28.6	20.3	8.3	29.0	R15/901	W15/901	BEDROOM	4.7	2.6	2.6	2.1	2.1	0.6	23.07692308
R16/901	W16/901	LIVING/KITCHEN	24.6	15	9.6	39.0	R16/901	W16/901	LIVING/KITCHEN	9.7	2.4		1.7	0		
R16/901	W17/901	LIVING/KITCHEN	15.9	12.3	3.6	22.6	R16/901	W17/901	LIVING/KITCHEN	3.8	0.7		0.6	0		
R16/901	W18/901	LIVING/KITCHEN	17	13.9	3.1	18.2	R16/901	W18/901	LIVING/KITCHEN	3.8	0.8	3.8	0.7	2.9	0.9	23.68421053
R17/901	W19/901	BEDROOM	14.9	11.5	3.4	22.8	R17/901	W19/901	BEDROOM	3.8	1.2	1.2	1	1	0.2	16.66666667
R18/901	W20/901	Unknown	12.8	9.4	3.4	26.6	R18/901	W20/901	Unknown	3.8	1.6	1.6	1.3	1.3	0.3	18.75
R19/901	W21/901	LIVING/KITCHEN	11.5	8	3.5	30.4	R19/901	W21/901	LIVING/KITCHEN	3.8	1	1	0.8	0.8	0.2	20
R20/901	W22/901	Unknown	10.6	7.1	3.5	33.0	R20/901	W22/901	Unknown	3.8	1.2	1.2	0.9	0.9	0.2	16.66666667
R21/901	W23/901	LIVING/KITCHEN	8.5	8.5	0	0.0	R21/901	W23/901	LIVING/KITCHEN	2.9	0.7	0.7	0.7	0.7	0	0
R22/901	W24/901	LIVING/KITCHEN	7.7	7.7	0	0.0	R22/901	W24/901	LIVING/KITCHEN	2.9	1.3	1.3	1.3	1.3	0	0
R23/901	W25/901	BEDROOM	8.4	8.4	0	0.0	R23/901	W25/901	BEDROOM	2.9	1.1	1.1	1.1	1.1	0	0
R24/901	W26/901	LIVING/KITCHEN	7.5	7.5	0	0.0	R24/901	W26/901	LIVING/KITCHEN	3.9	0.8	0.8	0.8	0.8	0	0
R25/901	W27/901	LIVING/KITCHEN	11.2	11.1	0.1	0.9	R25/901	W27/901	LIVING/KITCHEN	2.9	0.7		0.7	0		
R25/901	W28/901	LIVING/KITCHEN	8.7	8.4	0.3	3.4	R25/901	W28/901	LIVING/KITCHEN	3.9	0.5	1.2	0.5	1.1	0	0
R18/902	W29/902	Unknown	28.5	23.9	4.6	16.1	R18/902	W29/902	Unknown	2.9	2.6	2.6	2.3	2.3	0.3	11.53846154
R19/902	W30/902	BEDROOM	29.9	24.3	5.6	18.7	R19/902	W30/902	BEDROOM	2.9	2.3	2.3	2	2	0.3	13.04347826
R20/902	W31/902	BEDROOM	31	24.4	6.6	21.3	R20/902	W31/902	BEDROOM	2.9	2.8	2.8	2.4	2.4	0.4	14.28571429
R21/902	W32/902	BEDROOM	31.7	24.2	7.5	23.7	R21/902	W32/902	BEDROOM	2.8	2	2	1.6	1.6	0.3	15
R22/902	W33/902	BEDROOM	32.2	23.8	8.4	26.1	R22/902	W33/902	BEDROOM	2.9	2.1	2.1	1.7	1.7	0.4	19.04761905
R23/902	W34/902	BEDROOM	32.2	22.9	9.3	28.9	R23/902	W34/902	BEDROOM	2.9	2.3	2.3	1.8	1.8	0.5	21.73913043
R24/902	W35/902	LIVING/KITCHEN	32.1	21.7	10.4	32.4	R24/902	W35/902	LIVING/KITCHEN	2.9	1.2		0.9	0		
R24/902	W36/902	LIVING/KITCHEN	32.2	21	11.2	34.8	R24/902	W36/902	LIVING/KITCHEN	2.9	1.2		0.9	0		
R24/902	W37/902	LIVING/KITCHEN	21.5	16.4	5.1	23.7	R24/902	W37/902	LIVING/KITCHEN	2.9	0.9		0.7	0		
R24/902	W38/902	LIVING/KITCHEN	19.4	14.9	4.5	23.2	R24/902	W38/902	LIVING/KITCHEN	2.9	0.8	4	0.7	3.2	0.8	20
R25/902	W39/902	BEDROOM	16.8	12.5	4.3	25.6	R25/902	W39/902	BEDROOM	2.9	1.2	1.2	1	1	0.2	16.66666667
R26/902	W40/902	BEDROOM	14.7	10.5	4.2	28.6	R26/902	W40/902	BEDROOM	2.9	1.6	1.6	1.3	1.3	0.3	18.75
R27/902	W41/902	LIVING/KITCHEN	13.5	9	4.5	33.3	R27/902	W41/902	LIVING/KITCHEN	2.9	1.1	1.1	0.9	0.9	0.2	18.18181818
R28/902	W42/902	BEDROOM	12.8	8.2	4.6	35.9	R28/902	W42/902	BEDROOM	2.9	1.3	1.3	1	1	0.3	23.07692308
R29/902	W43/902	LIVING/KITCHEN	9.7	9.7	0	0.0	R29/902	W43/902	LIVING/KITCHEN	2.9	0.7	0.7	0.7	0.7	0	0
R30/902	W44/902	LIVING/KITCHEN	8.6	8.6	0	0.0	R30/902	W44/902	LIVING/KITCHEN	2.9	1.4	1.4	1.4	1.4	0	0
R31/902	W45/902	BEDROOM	9.5	9.5	0	0.0	R31/902	W45/902	BEDROOM	2.9	1.2	1.2	1.2	1.2	0	0
R32/902	W46/902	LIVING/KITCHEN	8.8	8.8	0	0.0	R32/902	W46/902	LIVING/KITCHEN	3.9	0.9	0.9	0.9	0.9	0	0
R33/902	W47/902	LIVING/KITCHEN	12.7	12.5	0.2	1.6	R33/902	W47/902	LIVING/KITCHEN	2.9	0.7		0.7	0		
R33/902	W48/902	LIVING/KITCHEN	10.1	9.8	0.3	3.0	R33/902	W48/902	LIVING/KITCHEN	3.9	0.5	1.3	0.5	1.2	0	0
R17/903	W29/903	Unknown	31.6	27.4	4.2	13.3	R17/903	W29/903	Unknown	3.9	3	3	2.7	2.7	0.3	10
R18/903	W30/903	BEDROOM	32.5	27.5	5	15.4	R18/903	W30/903	BEDROOM	3.9	2.6	2.6	2.3	2.3	0.3	11.53846154
R19/903	W31/903	BEDROOM	33.3	27.2	6.1	18.3	R19/903	W31/903	BEDROOM	3.9	3.2	3.2	2.7	2.7	0.5	15.625
R20/903	W32/903	BEDROOM	33.9	26.8	7.1	20.9	R20/903	W32/903	BEDROOM	3.9	2.3	2.3	1.9	1.9	0.4	17.39130435
R21/903	W33/903	BEDROOM	34.3	26.2	8.1	23.6	R21/903	W33/903	BEDROOM	3.9	2.3	2.3	1.9	1.9	0.4	17.39130435
R22/903	W34/903	BEDROOM	34	24.7	9.3	27.4	R22/903	W34/903	BEDROOM	3.9	2.5	2.5	2	2	0.5	20
R23/903	W35/903	LIVING/KITCHEN	29.5	19.1	10.4	35.3	R23/903	W35/903	LIVING/KITCHEN	3.9	1		0.8	0		
R23/903	W36/903	LIVING/KITCHEN	29.5	18.2	11.3	38.3	R23/903	W36/903	LIVING/KITCHEN	3.9	1		0.7	0		
R23/903	W37/903	LIVING/KITCHEN	18.7	14	4.7	25.1	R23/903	W37/903	LIVING/KITCHEN	3.9	0.8		0.6	0		
R23/903	W38/903	LIVING/KITCHEN	20.5	15.7	4.8	23.4	R23/903	W38/903	LIVING/KITCHEN	3.9	0.9	3.7	0.8	2.9	0.9	24.32432432
R24/903	W39/903	BEDROOM	18.5	13.4	5.1	27.6	R24/903	W39/903	BEDROOM	3.9	1.4	1.4	1.1	1.1	0.2	14.28571429
R25/903	W40/903	BEDROOM	16.6	11.3	5.3	31.9	R25/903	W40/903	BEDROOM	3.9	1.9	1.9	1.5	1.5	0.4	21.05263158
R26/903	W41/903	LIVING/KITCHEN	15.5	9.9	5.6	36.1	R26/903	W41/903	LIVING/KITCHEN	3.9	1.3	1.3	1	1	0.3	23.07692308
R27/903	W42/903	BEDROOM	15	9.1	5.9	39.3	R27/903	W42/903	BEDROOM	3.9	1.5	1.5	1.1	1.1	0.4	26.66666667
R28/903	W43/903	LIVING/KITCHEN	11	11	0	0.0	R28/903	W43/903	LIVING/KITCHEN	2.9	0.8	0.8	0.8	0.8	0	0
R29/903	W44/903	LIVING/KITCHEN	9.6	9.6	0	0.0	R29/903	W44/903	LIVING/KITCHEN	2.9	1.5	1.5	1.5	1.5	0	0
R30/903	W45/903	BEDROOM	10.8	10.8	0	0.0	R30/903	W45/903	BEDROOM	2.9	1.2	1.2	1.2	1.2	0	0
R31/903	W46/903	LIVING/KITCHEN	10.1	10.1	0	0.0	R31/903	W46/903	LIVING/KITCHEN	3.9	1	1	1	1	0	0
R32/903	W47/903	LIVING/KITCHEN	14.3	14.1	0.2	1.4	R32/903	W47/903	LIVING/KITCHEN	2.9	0.8		0.8	0		
R32/903	W48/903	LIVING/KITCHEN	11.8	11.5	0.3	2.5	R32/903	W48/903	LIVING/KITCHEN	3.9	0.6	1.4	0.6	1.4	0	0
R17/904	W28/904	Unknown	35	31.5	3.5	10.0	R17/904	W28/904	Unknown	2.9	3.1	3.1	2.8	2.8	0.3	9.677419355
R18/904	W29/904	BEDROOM	35.4	31.2	4.2	11.9	R18/904	W29/904	BEDROOM	2.9	2.6	2.6	2.4	2.4	0.3	11.53846154
R19/904	W30/904	BEDROOM	35.7	30.6	5.1	14.3	R19/904	W30/904	BEDROOM	2.9	3.2	3.2	2.8	2.8	0.4	12.5
R20/904	W31/904	BEDROOM	35.9	29.9	6	16.7	R20/904	W31/904	BEDROOM	2.8	2.2	2.2	1.9	1.9	0.3	13.63636364
R21/904	W32/904	BEDROOM	36.1	29.1	7	19.4	R21/904	W32/904	BEDROOM	2.9	2.3	2.3	1.9	1.9	0.4	17.39130435
R22/904	W33/904	BEDROOM	36.2	28.1	8.1	22.4	R22/904	W33/904	BEDROOM	2.9	2.5	2.5	2	2	0.5	20
R23/904	W34/904	LIVING/KITCHEN	36.3	27.2	9.1	25.1	R23/904	W34/904	LIVING/KITCHEN	2.9	1.3		1	0		
R23/904	W35/904	LIVING/KITCHEN	36.3	26.3	10	27.5	R23/904	W35/904	LIVING/KITCHEN	2.9	1.3		1	0		
R23/904	W36/904	LIVING/KITCHEN	25.4	19.1	6.3	24.8	R23/904	W36/904	LIVING/KITCHEN	2.9	1		0.8	0		
R23/904	W37/904	LIVING/KITCHEN	23.4	17.3	6.1	26.1	R23/904	W37/904	LIVING/KITCHEN	2.9	0.9	4.4	0.8	3.6	0.9	20.45454545
R24/904	W38/904	BEDROOM	21	14.6	6.4	30.5	R24/904	W38/904	BEDROOM	2.9	1.4	1.4	1.1	1.1	0.3	21.42857143
R25/904	W39/904	BEDROOM	19.4	12.6	6.8	35.1	R25/904	W39/904	BEDROOM	2.9	2	2	1.5	1.5	0.5	25
R26/904	W40/904	LIVING/KITCHEN	18.6	11.1	7.5	40.3	R26/904	W40/904	LIVING/KITCHEN	2.9	1.3	1.3	1	1	0.4	30.76923077
R27/904	W41/904	BEDROOM	18.5	10.3	8.2	44.3	R27/904	W41/904	BEDROOM	2.9	1.6	1.6	1.1	1.1	0.5	31.25
R28/904	W42/904	LIVING/KITCHEN	12.6	12.6	0	0.0	R28/904	W42/904	LIVING/KITCHEN	2.9	0.9	0.9	0.9	0.9	0	0
R29/904	W43/904	LIVING/KITCHEN	10.7	10.7	0	0.0	R29/904	W43/904	LIVING/KITCHEN	2.9	1.6	1.6	1.6	1.6	0	0

Vertical Sky Component							Average Daylight Factor							
										Glazed	Existing		Proposed			
Room	Window	Room Use	Existing	Proposed	Loss	%	Room	Window	Room Use	Area	ADF	Total	ADF	Total	Loss	%
R30/904	W44/904	BEDROOM	12.5	12.5	0	0.0	R30/904	W44/904	BEDROOM	2.9	1.3	1.3	1.3	1.3	0	0
R31/904	W45/904	LIVING/KITCHEN	11.9	11.9	0	0.0	R31/904	W45/904	LIVING/KITCHEN	3.9	1.1	1.1	1.1	1.1	0	0
R32/904	W46/904	LIVING/KITCHEN	16.3	16.1	0.2	1.2	R32/904	W46/904	LIVING/KITCHEN	2.9	0.8		0.8	0		
R32/904	W47/904	LIVING/KITCHEN	13.7	13.4	0.3	2.2	R32/904	W47/904	LIVING/KITCHEN	3.9	0.7	1.5	0.7	1.5	0	0
R17/905	W29/905	Unknown	37.1	34.3	2.8	7.5	R17/905	W29/905	Unknown	3.9	3.5	3.5	3.2	3.2	0.2	5.714285714
R18/905	W30/905	BEDROOM	37.2	33.8	3.4	9.1	R18/905	W30/905	BEDROOM	3.9	2.9	2.9	2.7	2.7	0.2	6.896551724
R19/905	W31/905	BEDROOM	37.4	33.4	4	10.7	R19/905	W31/905	BEDROOM	2.9	3.3	3.3	3	3	0.3	9.090909091
R20/905	W32/905	BEDROOM	37.3	32.3	5	13.4	R20/905	W32/905	BEDROOM	3.9	2.5	2.5	2.2	2.2	0.3	12
R21/905	W33/905	BEDROOM	37.3	31.5	5.8	15.5	R21/905	W33/905	BEDROOM	3.9	2.5	2.5	2.2	2.2	0.3	12
R22/905	W34/905	BEDROOM	37.3	30.6	6.7	18.0	R22/905	W34/905	BEDROOM	3.9	2.7	2.7	2.3	2.3	0.4	14.81481481
R23/905	W35/905	LIVING/KITCHEN	37.3	29.6	7.7	20.6	R23/905	W35/905	LIVING/KITCHEN	3.9	1.4		1.2	0		
R23/905	W36/905	LIVING/KITCHEN	37.2	28.7	8.5	22.8	R23/905	W36/905	LIVING/KITCHEN	3.9	1.4		1.1	0		
R23/905	W37/905	LIVING/KITCHEN	27.1	20.4	6.7	24.7	R23/905	W37/905	LIVING/KITCHEN	3.9	1.1		0.9	0		
R23/905	W38/905	LIVING/KITCHEN	25.3	18.5	6.8	26.9	R23/905	W38/905	LIVING/KITCHEN	3.9	1	4.9	0.8	4	0.9	18.36734694
R24/905	W39/905	Unknown	23.2	15.8	7.4	31.9	R24/905	W39/905	Unknown	3.9	1.6	1.6	1.2	1.2	0.3	18.75
R25/905	W40/905	BEDROOM	21.8	13.7	8.1	37.2	R25/905	W40/905	BEDROOM	3.9	2.2	2.2	1.7	1.7	0.6	27.27272727
R26/905	W41/905	Unknown	21	12.3	8.7	41.4	R26/905	W41/905	Unknown	3.8	1.5	1.5	1.1	1.1	0.4	26.66666667
R27/905	W42/905	Unknown	21.1	11.6	9.5	45.0	R27/905	W42/905	Unknown	3.9	1.8	1.8	1.3	1.3	0.6	33.33333333
R28/905	W43/905	LIVING/KITCHEN	14.7	14.7	0	0.0	R28/905	W43/905	LIVING/KITCHEN	2.9	0.9	0.9	0.9	0.9	0	0
R29/905	W44/905	LIVING/KITCHEN	12.1	12.1	0	0.0	R29/905	W44/905	LIVING/KITCHEN	2.9	1.7	1.7	1.7	1.7	0	0
R30/905	W45/905	BEDROOM	15	15	0	0.0	R30/905	W45/905	BEDROOM	2.9	1.5	1.5	1.5	1.5	0	0
R31/905	W46/905	LIVING/KITCHEN	17.4	17.4	0	0.0	R31/905	W46/905	LIVING/KITCHEN	3.9	1.6	1.6	1.6	1.6	0	0
R32/905	W47/905	LIVING/KITCHEN	18.9	18.8	0.1	0.5	R32/905	W47/905	LIVING/KITCHEN	2.9	0.9		0.9	0		
R32/905	W48/905	LIVING/KITCHEN	19.1	18.7	0.4	2.1	R32/905	W48/905	LIVING/KITCHEN	3.9	1	1.9	1	1.9	0	0
R11/906	W41/906	Unknown	13.1	13.1	0	0.0	R11/906	W41/906	Unknown	3.4	1.7	1.7	1.7	1.7	0	0
R12/906	W25/906	Unknown	38.1	36.4	1.7	4.5	R12/906	W25/906	Unknown	4.9	5.1	5.1	4.9	4.9	0.2	3.921568627
R13/906	W26/906	BEDROOM	38.1	36.1	2	5.2	R13/906	W26/906	BEDROOM	4.9	5.2	5.2	5	5	0.2	3.846153846
R14/906	W27/906	BEDROOM	38.1	35.6	2.5	6.6	R14/906	W27/906	BEDROOM	4.9	5.1	5.1	4.8	4.8	0.3	5.882352941
R15/906	W28/906	BEDROOM	38	35	3	7.9	R15/906	W28/906	BEDROOM	4.9	4	4	3.7	3.7	0.3	7.5
R16/906	W29/906	BEDROOM	38	34.3	3.7	9.7	R16/906	W29/906	BEDROOM	4.9	3.2		2.9	0		
R16/906	W30/906	BEDROOM	37.9	33.7	4.2	11.1	R16/906	W30/906	BEDROOM	4.9	3.2	6.4	2.9	5.8	0.6	9.375
R17/906	W31/906	LIVING/KITCHEN	37.8	33.1	4.7	12.4	R17/906	W31/906	LIVING/KITCHEN	4.9	2		1.8	0		
R17/906	W32/906	LIVING/KITCHEN	37.6	32.4	5.2	13.8	R17/906	W32/906	LIVING/KITCHEN	4.6	1.9		1.7	0		
R17/906	W33/906	LIVING/KITCHEN	30.1	22.4	7.7	25.6	R17/906	W33/906	LIVING/KITCHEN	1.4	0.4		0.4	0		
R17/906	W34/906	LIVING/KITCHEN	29.3	21.1	8.2	28.0	R17/906	W34/906	LIVING/KITCHEN	4.9	1.6	6	1.3	5.1	0.8	13.33333333
R18/906	W35/906	Bedroom	27.9	18.8	9.1	32.6	R18/906	W35/906	Bedroom	4.9	2.8		2.2	0		
R18/906	W36/906	Bedroom	26.7	17	9.7	36.3	R18/906	W36/906	Bedroom	4.9	2.8	5.6	2.1	4.2	1.4	25
R19/906	W38/906	BEDROOM	25.8	15	10.8	41.9	R19/906	W38/906	BEDROOM	4.9	2.8	2.8	2	2	0.8	28.57142857
R20/906	W39/906	LIVING/KITCHEN	18.1	18.1	0	0.0	R20/906	W39/906	LIVING/KITCHEN	3.8	1.2		1.2	0		
R20/906	W40/906	LIVING/KITCHEN	14	14	0	0.0	R20/906	W40/906	LIVING/KITCHEN	3.8	1.1	2.3	1.1	2.3	0	0
R21/906	W37/906	BEDROOM	25.8	15.8	10	38.8	R21/906	W37/906	BEDROOM	4.9	2.4	2.4	1.7	1.7	0.6	25
R22/906	W42/906	BEDROOM	18.4	18.4	0	0.0	R22/906	W42/906	BEDROOM	3.8	2.3	2.3	2.3	2.3	0	0
R23/906	W43/906	BEDROOM	20.9	20.9	0	0.0	R23/906	W43/906	BEDROOM	3.8	2.3	2.3	2.3	2.3	0	0
R24/906	W44/906	LIVING/KITCHEN	21.7	21.5	0.2	0.9	R24/906	W44/906	LIVING/KITCHEN	3.8	1.5		1.4	0		
R24/906	W45/906	LIVING/KITCHEN	21.8	21.4	0.4	1.8	R24/906	W45/906	LIVING/KITCHEN	3.8	1.5	2.9	1.4	2.9	0	0
R12/907	W42/907	Unknown	18.3	18.3	0	0.0	R12/907	W42/907	Unknown	3.4	2	2	2	2	0	0
R13/907	W26/907	Unknown	38.3	37.1	1.2	3.1	R13/907	W26/907	Unknown	4.9	5.2	5.2	5.1	5.1	0.1	1.923076923
R14/907	W27/907	BEDROOM	38.3	37	1.3	3.4	R14/907	W27/907	BEDROOM	4.9	5.3	5.3	5.2	5.2	0.2	3.773584906
R15/907	W28/907	BEDROOM	38.2	36.7	1.5	3.9	R15/907	W28/907	BEDROOM	4.9	5.2	5.2	5	5	0.2	3.846153846
R16/907	W29/907	BEDROOM	38.2	36.3	1.9	5.0	R16/907	W29/907	BEDROOM	4.9	4.1	4.1	3.9	3.9	0.2	4.87804878
R17/907	W30/907	BEDROOM	38.2	35.8	2.4	6.3	R17/907	W30/907	BEDROOM	4.9	3.3		3.1	0		
R17/907	W31/907	BEDROOM	38.1	35.4	2.7	7.1	R17/907	W31/907	BEDROOM	4.9	3.3	6.5	3	6.1	0.4	6.153846154
R18/907	W32/907	LIVING/KITCHEN	38	34.9	3.1	8.2	R18/907	W32/907	LIVING/KITCHEN	4.9	2		1.9	0		
R18/907	W33/907	LIVING/KITCHEN	37.9	34.4	3.5	9.2	R18/907	W33/907	LIVING/KITCHEN	4.6	1.9		1.8	0		
R18/907	W34/907	LIVING/KITCHEN	32.1	24.2	7.9	24.6	R18/907	W34/907	LIVING/KITCHEN	1.4	0.5		0.4	0		
R18/907	W35/907	LIVING/KITCHEN	31.5	22.9	8.6	27.3	R18/907	W35/907	LIVING/KITCHEN	4.9	1.7	6.2	1.4	5.4	0.7	11.29032258
R19/907	W36/907	Bedroom	30.5	20.6	9.9	32.5	R19/907	W36/907	Bedroom	4.9	3.1		2.3	0		
R19/907	W37/907	Bedroom	29.7	18.9	10.8	36.4	R19/907	W37/907	Bedroom	4.9	3	6.1	2.2	4.5	1.5	24.59016393
R20/907	W39/907	BEDROOM	28.9	17	11.9	41.2	R20/907	W39/907	BEDROOM	4.9	3.1	3.1	2.2	2.2	0.9	29.03225806
R21/907	W40/907	LIVING/KITCHEN	23.3	23.3	0	0.0	R21/907	W40/907	LIVING/KITCHEN	3.8	1.5		1.5	0		
R21/907	W41/907	LIVING/KITCHEN	16.8	16.8	0	0.0	R21/907	W41/907	LIVING/KITCHEN	3.8	1.2	2.7	1.2	2.7	0	0
R22/907	W38/907	BEDROOM	29	17.7	11.3	39.0	R22/907	W38/907	BEDROOM	4.9	2.6	2.6	1.9	1.9	0.7	26.92307692
R23/907	W43/907	BEDROOM	23.8	23.7	0.1	0.4	R23/907	W43/907	BEDROOM	3.8	2.7	2.7	2.7	2.7	0	0
R24/907	W44/907	BEDROOM	24.6	24.1	0.5	2.0	R24/907	W44/907	BEDROOM	3.8	2.6	2.6	2.5	2.5	0	0
R25/907	W45/907	LIVING/KITCHEN	24.5	23.8	0.7	2.9	R25/907	W45/907	LIVING/KITCHEN	3.8	1.6		1.5	0		
R25/907	W46/907	LIVING/KITCHEN	24.3	23.5	0.8	3.3	R25/907	W46/907	LIVING/KITCHEN	3.8	1.6	3.1	1.5	3.1	0.1	3.225806452
26 LONGFORD STREET																
R1/299	W1/299	LKD	12.1	12.1	0	0.0	R1/299	W1/299	LKD	0.9	0.2		0.2	0		
R1/299	W2/299	LKD	12.8	12.8	0	0.0	R1/299	W2/299	LKD	0.9	0.3		0.3	0		
R1/299	W4/299	LKD	14.9	14.9	0	0.0	R1/299	W4/299	LKD	0.9	0.3		0.3	0		
R1/299	W6/299	LKD	5.7	5.7	0	0.0	R1/299	W6/299	LKD	0.9	0.2		0.2	0		
R1/299	W5/299	LKD	7.4	7.4	0	0.0	R1/299	W5/299	LKD	0.9	0.2		0.2	0		
R1/299	W3/299	LKD	0	0	0	0.0	R1/299	W3/299	LKD	0.9	0	1.1	0	1.1	0	0
R2/299	W7/299	Bathroom	1.7	1.6	0.1	5.9	R2/299	W7/299	Bathroom	0.9	0.3		0.3	0		
R2/299	W8/299	Bathroom	1.3	1.3	0	0.0	R2/299	W8/299	Bathroom	0.9	0.2	0.4	0.2	0.4	0	0
R3/299	W9/299	Bedroom	6.4	6.3	0.1	1.6	R3/299	W9/299	Bedroom	0.9	0.3		0.3	0		
R3/299	W10/299	Bedroom	7.2	7.1	0.1	1.4	R3/299	W10/299	Bedroom	0.9	0.4		0.4	0		
R3/299	W11/299	Bedroom	7	7	0	0.0	R3/299	W11/299	Bedroom	0.9	0.3	1.1	0.3	1.1	0	0
R4/299	W14/299	Kitchen	1.5	1.4	0.1	6.7	R4/299	W14/299	Kitchen	2.7	0.5	0.5	0.5	0.5	0	0
R5/299	W12/299	Bedroom	6.8	6.6	0.2	2.9	R5/299	W12/299	Bedroom	5.1	2.2	2.2	2.2	2.2	0	0
R6/299	W13/299	Bedroom	6	6	0	0.0	R6/299	W13/299	Bedroom	5.0	1.8	1.8	1.8	1.8	0	0
R1/300	W9/300	Bedroom	10.2	10.1	0.1	1.0	R1/300	W9/300	Bedroom	0.4	0.2		0.2	0		
R1/300	W10/300	Bedroom	9.8	9.7	0.1	1.0	R1/300	W10/300	Bedroom	0.8	0.3	0.5	0.3	0.5	0	0
R2/300	W11/300	Lobby	9.4	9.3	0.1	1.1	R2/300	W11/300	Lobby	0.9	0.3		0.3	0		
R2/300	W12/300	Lobby	9.4	9.3	0.1	1.1	R2/300	W12/300	Lobby	0.4	0.1		0.1	0		
R2/300	W13/300	Lobby	8.9	8.8	0.1	1.1	R2/300	W13/300	Lobby	0.8	0.3		0.3	0		
R2/300	W14/300	Lobby	9.3	9.2	0.1	1.1	R2/300	W14/300	Lobby	0.4	0.1		0.1	0		
R2/300	W15/300	Lobby	8.7	8.6	0.1	1.1	R2/300	W15/300	Lobby	0.8	0.3		0.3	0		
R2/300	W16/300	Lobby	8.9	8.9	0	0.0	R2/300	W16/300	Lobby	0.4	0.1		0.1	0		
R2/300	W17/300	Lobby	8.4	8.4	0	0.0	R2/300	W17/300	Lobby	0.8	0.2	1.4	0.2	1.4	0	0

Vertical Sky Component							Average Daylight Factor							
										Glazed	Existing		Proposed			
Room	Window	Room Use	Existing	Proposed	Loss	%	Room	Window	Room Use	Area	ADF	Total	ADF	Total	Loss	%
R3/300	W3/300	Lobby	3.4	3.3	0.1	2.9	R3/300	W3/300	Lobby	0.1	0		0	0		
R3/300	W4/300	Lobby	2.6	2.4	0.2	7.7	R3/300	W4/300	Lobby	0.1	0	0	0	0	0	-
R4/300	W1/300	Living Room	8.5	8.3	0.2	2.4	R4/300	W1/300	Living Room	5.5	1.9	1.9	1.9	1.9	0	0
R5/300	W2/300	Living Room	7.6	7.6	0	0.0	R5/300	W2/300	Living Room	5.5	2.2	2.2	2.2	2.2	0	0
R1/301	W1/301	LKD	29.1	29.1	0	0.0	R1/301	W1/301	LKD	0.9	0.4		0.4	0		
R1/301	W2/301	LKD	30.4	30.4	0	0.0	R1/301	W2/301	LKD	0.5	0.2		0.2	0		
R1/301	W3/301	LKD	30.3	30.3	0	0.0	R1/301	W3/301	LKD	0.5	0.2		0.2	0		
R1/301	W4/301	LKD	29.1	29.1	0	0.0	R1/301	W4/301	LKD	0.9	0.4		0.4	0		
R1/301	W5/301	LKD	29	29	0	0.0	R1/301	W5/301	LKD	0.9	0.4		0.4	0		
R1/301	W6/301	LKD	30.2	30.2	0	0.0	R1/301	W6/301	LKD	0.5	0.2		0.2	0		
R1/301	W7/301	LKD	30.2	30.2	0	0.0	R1/301	W7/301	LKD	0.5	0.2		0.2	0		
R1/301	W8/301	LKD	29	29	0	0.0	R1/301	W8/301	LKD	0.9	0.4		0.4	0		
R1/301	W9/301	LKD	11.7	11.6	0.1	0.9	R1/301	W9/301	LKD	0.4	0.1		0.1	0		
R1/301	W10/301	LKD	11.1	11	0.1	0.9	R1/301	W10/301	LKD	0.8	0.2	2.6	0.2	2.6	0	0
R2/301	W11/301	Bathroom	10.9	10.8	0.1	0.9	R2/301	W11/301	Bathroom	0.8	0.7		0.7	0		
R2/301	W12/301	Bathroom	11.5	11.4	0.1	0.9	R2/301	W12/301	Bathroom	0.4	0.4		0.4	0		
R2/301	W13/301	Bathroom	11.4	11.3	0.1	0.9	R2/301	W13/301	Bathroom	0.4	0.4		0.4	0		
R2/301	W14/301	Bathroom	10.8	10.7	0.1	0.9	R2/301	W14/301	Bathroom	0.8	0.7	2	0.7	2	0	0
R3/301	W15/301	Bedroom	10.5	10.4	0.1	1.0	R3/301	W15/301	Bedroom	0.8	0.4		0.4	0		
R3/301	W16/301	Bedroom	11.2	11.1	0.1	0.9	R3/301	W16/301	Bedroom	0.4	0.2		0.2	0		
R3/301	W17/301	Bedroom	11.1	11	0.1	0.9	R3/301	W17/301	Bedroom	0.4	0.2		0.2	0		
R3/301	W18/301	Bedroom	10.3	10.2	0.1	1.0	R3/301	W18/301	Bedroom	0.8	0.4	1.3	0.4	1.3	0	0
R4/301	W20/301	Bedroom	10.6	10.6	0	0.0	R4/301	W20/301	Bedroom	0.4	0.1		0.1	0		
R4/301	W21/301	Bedroom	9.4	9.3	0.1	1.1	R4/301	W21/301	Bedroom	1.0	0.1		0.1	0		
R4/301	W22/301	Bedroom	10.4	10	0.4	3.8	R4/301	W22/301	Bedroom	0.4	0.1	0.3	0.1	0.3	0	0
R5/301	W1/300	Bedroom	8.5	8.3	0.2	2.4	R5/301	W1/300	Bedroom	5.5	0.4	0.4	0.4	0.4	0	0
R6/301	W2/300	Living Room	7.6	7.6	0	0.0	R6/301	W2/300	Living Room	5.5	0.4	0.4	0.4	0.4	0	0
R1/302	W1/302	LKD	32.4	32.4	0	0.0	R1/302	W1/302	LKD	0.7	0.3		0.3	0		
R1/302	W2/302	LKD	33.1	33.1	0	0.0	R1/302	W2/302	LKD	0.4	0.2		0.2	0		
R1/302	W3/302	LKD	33	33	0	0.0	R1/302	W3/302	LKD	0.4	0.2		0.2	0		
R1/302	W4/302	LKD	32.3	32.3	0	0.0	R1/302	W4/302	LKD	0.7	0.3		0.3	0		
R1/302	W5/302	LKD	32.2	32.2	0	0.0	R1/302	W5/302	LKD	0.7	0.3		0.3	0		
R1/302	W6/302	LKD	32.9	32.9	0	0.0	R1/302	W6/302	LKD	0.4	0.2		0.2	0		
R1/302	W7/302	LKD	32.7	32.7	0	0.0	R1/302	W7/302	LKD	0.4	0.2		0.2	0		
R1/302	W8/302	LKD	32.1	32.1	0	0.0	R1/302	W8/302	LKD	0.7	0.3		0.3	0		
R1/302	W9/302	LKD	12.6	12.5	0.1	0.8	R1/302	W9/302	LKD	0.6	0.1		0.1	0		
R1/302	W10/302	LKD	13	12.9	0.1	0.8	R1/302	W10/302	LKD	0.4	0.1		0.1	0		
R1/302	W11/302	LKD	13.1	13	0.1	0.8	R1/302	W11/302	LKD	0.4	0.1		0.1	0		
R1/302	W12/302	LKD	12.7	12.6	0.1	0.8	R1/302	W12/302	LKD	0.6	0.1	2.3	0.1	2.3	0	0
R2/302	W13/302	Bathroom	12.6	12.4	0.2	1.6	R2/302	W13/302	Bathroom	0.6	0.6		0.6	0		
R2/302	W14/302	Bathroom	13	12.9	0.1	0.8	R2/302	W14/302	Bathroom	0.4	0.3		0.3	0		
R2/302	W15/302	Bathroom	13	12.9	0.1	0.8	R2/302	W15/302	Bathroom	0.4	0.3		0.3	0		
R2/302	W16/302	Bathroom	12.5	12.4	0.1	0.8	R2/302	W16/302	Bathroom	0.6	0.5	1.7	0.5	1.7	0	0
R3/302	W17/302	Bedroom	12.6	12.5	0.1	0.8	R3/302	W17/302	Bedroom	0.6	0.3		0.3	0		
R3/302	W18/302	Bedroom	13.2	13.1	0.1	0.8	R3/302	W18/302	Bedroom	0.4	0.2		0.2	0		
R3/302	W19/302	Bedroom	13.3	13.2	0.1	0.8	R3/302	W19/302	Bedroom	0.4	0.2		0.2	0		
R3/302	W20/302	Bedroom	12.7	12.6	0.1	0.8	R3/302	W20/302	Bedroom	0.6	0.3	1.1	0.3	1.1	0	0
R4/302	W21/302	Bedroom	11.6	11.6	0	0.0	R4/302	W21/302	Bedroom	1.0	0.4		0.4	0		
R4/302	W22/302	Bedroom	11.2	11.1	0.1	0.9	R4/302	W22/302	Bedroom	2.3	0.9		0.9	0		
R4/302	W23/302	Bedroom	12.8	12.3	0.5	3.9	R4/302	W23/302	Bedroom	1.0	0.5	1.8	0.5	1.8	0	0
R5/302	W24/302	Bedroom	11.2	11	0.2	1.8	R5/302	W24/302	Bedroom	3.1	0.9	0.9	0.9	0.9	0	0
R6/302	W25/302	Living Room	10.3	10.3	0	0.0	R6/302	W25/302	Living Room	3.1	0.8	0.8	0.8	0.8	0	0
R1/303	W1/303	LKD	34.1	34.1	0	0.0	R1/303	W1/303	LKD	0.8	0.4		0.4	0		
R1/303	W2/303	LKD	34	34	0	0.0	R1/303	W2/303	LKD	0.8	0.4		0.4	0		
R1/303	W3/303	LKD	33.9	33.9	0	0.0	R1/303	W3/303	LKD	0.8	0.4		0.4	0		
R1/303	W4/303	LKD	13.3	13.2	0.1	0.8	R1/303	W4/303	LKD	0.7	0.2		0.2	0		
R1/303	W5/303	LKD	14	13.8	0.2	1.4	R1/303	W5/303	LKD	0.7	0.2		0.2	0		
R1/303	W6/303	LKD	14	13.9	0.1	0.7	R1/303	W6/303	LKD	0.7	0.2	1.6	0.2	1.6	0	0
R2/303	W7/303	Bathroom	13.9	13.7	0.2	1.4	R2/303	W7/303	Bathroom	0.5	0.5		0.5	0		
R2/303	W8/303	Bathroom	14.3	14.1	0.2	1.4	R2/303	W8/303	Bathroom	0.4	0.4		0.4	0		
R2/303	W9/303	Bathroom	14.3	14.1	0.2	1.4	R2/303	W9/303	Bathroom	0.4	0.4		0.4	0		
R2/303	W10/303	Bathroom	13.9	13.7	0.2	1.4	R2/303	W10/303	Bathroom	0.5	0.5	1.7	0.5	1.7	0	0
R3/303	W11/303	Bedroom	14.1	14	0.1	0.7	R3/303	W11/303	Bedroom	0.5	0.3		0.3	0		
R3/303	W12/303	Bedroom	14.5	14.4	0.1	0.7	R3/303	W12/303	Bedroom	0.4	0.2		0.2	0		
R3/303	W13/303	Bedroom	14.7	14.5	0.2	1.4	R3/303	W13/303	Bedroom	0.4	0.2		0.2	0		
R3/303	W14/303	Bedroom	14.3	14.1	0.2	1.4	R3/303	W14/303	Bedroom	0.5	0.3	1.1	0.3	1.1	0	0
R4/303	W21/303	Bedroom	12.3	12.2	0.1	0.8	R4/303	W21/303	Bedroom	1.1	0.5	0.5	0.5	0.5	0	0
R5/303	W22/303	Bedroom	13.6	13.5	0.1	0.7	R5/303	W22/303	Bedroom	1.1	0.4	0.4	0.4	0.4	0	0
R6/303	W23/303	Living Room	12	12	0	0.0	R6/303	W23/303	Living Room	0.6	0.2		0.2	0		
R6/303	W24/303	Living Room	8.7	8.7	0	0.0	R6/303	W24/303	Living Room	0.6	0.2	0.4	0.2	0.4	0	0

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft
ST MARY MAGDALENE CHURCH					
R1/4299	Unknown	207.52	187.59	187.59	0.00
R1/4300	Unknown	7060.75	7006.27	7002.11	4.16
R2/4300	Unknown	228.21	98.74	28.56	70.17
R3/4300	Unknown	178.61	118.83	117.34	1.49
R4/4300	Unknown	207.52	90.22	90.22	0.00
R5/4300	Unknown	20.29	15.55	15.55	0.00
1-4 LAXTON PLACE					
R1/4400	Unknown	69.86	60.89	60.89	0.00
R2/4400	Unknown	90.20	89.90	89.90	0.00
R3/4400	Unknown	68.19	63.94	63.94	0.00
R4/4400	Unknown	90.20	80.85	80.85	0.00
R5/4400	Unknown	68.19	47.37	47.37	0.00
R6/4400	Unknown	91.88	67.69	67.69	0.00
R7/4400	Unknown	68.19	32.31	32.31	0.00
R8/4400	Unknown	91.40	58.52	58.52	0.00
R9/4400	Unknown	65.53	59.81	59.87	-0.06
R10/4400	Unknown	91.49	87.16	85.50	1.66
R11/4400	Unknown	64.96	59.97	59.92	0.05
R12/4400	Unknown	91.49	88.42	86.88	1.54
R13/4400	Unknown	64.96	60.25	60.24	0.00
R14/4400	Unknown	91.49	73.70	70.98	2.72
R15/4400	Unknown	64.96	48.29	48.29	0.00
R16/4400	Unknown	93.17	67.33	62.40	4.93
R1/4401	Unknown	91.08	91.08	91.08	0.00
R2/4401	Unknown	120.95	120.95	120.95	0.00
R3/4401	Unknown	88.83	87.52	87.52	0.00
R4/4401	Unknown	120.95	116.12	116.12	0.00
R5/4401	Unknown	88.83	78.22	78.22	0.00
R6/4401	Unknown	120.95	101.54	101.54	0.00
R7/4401	Unknown	88.83	62.42	62.42	0.00
R8/4401	Unknown	122.44	95.26	95.26	0.00
R9/4401	Unknown	215.09	189.88	188.15	1.74
R10/4401	Unknown	214.29	178.56	177.84	0.72
R11/4401	Unknown	214.29	151.36	151.04	0.33
R12/4401	Unknown	216.54	139.09	138.34	0.75
R1/4402	Unknown	119.35	118.91	118.91	0.00
R2/4402	Unknown	92.68	92.16	92.16	0.00
R3/4402	Unknown	117.11	116.69	116.69	0.00
R4/4402	Unknown	92.68	92.16	92.16	0.00
R5/4402	Unknown	116.86	116.42	116.42	0.00
R6/4402	Unknown	92.68	86.54	86.54	0.00
R7/4402	Unknown	117.11	116.38	116.38	0.00
R8/4402	Unknown	94.16	92.69	92.69	0.00
R9/4402	Unknown	87.81	70.96	70.64	0.33
R10/4402	Unknown	122.68	118.22	116.98	1.24
R11/4402	Unknown	87.10	71.74	71.62	0.12
R12/4402	Unknown	122.68	119.33	118.62	0.71
R13/4402	Unknown	87.10	72.13	72.12	0.01
R14/4402	Unknown	122.68	114.61	114.47	0.14
R15/4402	Unknown	87.10	56.16	56.15	0.00
R16/4402	Unknown	124.93	102.45	102.39	0.05
9 LAXTON PLACE					
R1/400	Living Room	187.55	0.00	0.00	0.00

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft
R2/400	Bedroom	102.00	20.52	20.15	0.37
R3/400	Bedroom	110.98	25.29	23.02	2.27
R4/400	Kitchen	90.81	0.00	0.00	0.00
R5/400	Living Room	182.60	128.38	90.53	37.85
R6/400	Living Room	160.00	140.53	76.87	63.66
R7/400	Lobby	93.70	86.67	79.51	7.17
R8/400	Refuse Room	108.86	22.15	22.15	0.00
R1/401	Living Room	187.55	3.24	3.24	0.00
R2/401	Bedroom	108.86	27.95	27.95	0.00
R3/401	Bedroom	102.00	25.60	25.30	0.31
R4/401	Bedroom	110.98	31.76	28.56	3.20
R5/401	Kitchen	90.81	0.00	0.00	0.00
R6/401	Living Room	182.65	144.33	104.13	40.20
R7/401	Kitchen	87.27	38.20	3.60	34.60
R8/401	Living Room	160.00	154.09	83.92	70.17
R9/401	Kitchen	93.70	88.30	37.97	50.33
R1/402	Living Room	187.55	3.18	3.18	0.00
R2/402	Bedroom	108.86	35.29	35.29	0.00
R3/402	Bedroom	102.00	32.56	32.39	0.16
R4/402	Bedroom	110.98	38.06	35.13	2.92
R5/402	Kitchen	90.81	0.00	0.00	0.00
R6/402	Living Room	182.65	156.59	119.82	36.76
R7/402	Kitchen	87.27	41.63	2.93	38.69
R8/402	Living Room	160.00	156.93	92.31	64.62
R9/402	Bedroom	93.70	88.51	40.75	47.77
R1/403	Living Room	187.55	7.87	7.87	0.00
R2/403	Bedroom	108.86	46.53	46.53	0.00
R3/403	Bedroom	102.00	42.29	42.21	0.08
R4/403	Bedroom	110.98	44.04	41.97	2.06
R5/403	Kitchen	90.81	0.00	0.00	0.00
R6/403	Living Room	182.65	166.89	134.15	32.74
R7/403	Kitchen	87.27	44.07	3.39	40.68
R8/403	Living Room	160.00	157.24	100.87	56.38
R1/404	Living Room	187.55	19.33	19.33	0.00
R2/404	Bedroom	108.86	61.52	61.52	0.00
R3/404	Bedroom	102.00	54.41	54.37	0.04
R4/404	Bedroom	110.98	53.24	51.91	1.33
R5/404	Kitchen	90.81	0.00	0.00	0.00
R6/404	Living Room	182.65	175.03	150.58	24.46
R8/404	Kitchen	138.89	98.79	40.66	58.14
R9/404	Living Room	165.26	164.26	154.91	9.36
R1/405	Living Room	149.75	69.74	68.96	0.78
R2/405	Studio	210.35	88.61	86.29	2.32
R3/405	Kitchen	60.81	32.12	32.11	0.02
R4/405	Bathroom	45.02	23.54	23.54	0.00
R5/405	Living Room	198.95	189.27	154.30	34.96
R6/405	Bathroom	39.00	20.56	20.51	0.05
R7/405	Kitchen	61.85	59.73	59.73	0.00
R1/406	Test	196.16	0.00	0.00	0.00
1-8 LONGFORD STREET					
R3/900	LIVINGROOM	249.69	239.05	233.89	5.16
R4/900	LIVINGROOM	234.38	233.80	232.04	1.76
R5/900	LIVINGROOM	181.01	179.44	177.95	1.49
R6/900	LIVINGROOM	188.99	187.66	185.08	2.58
R7/900	BEDROOM	210.32	177.38	171.19	6.19
R8/900	BEDROOM	118.51	50.98	48.46	2.52
R9/900	BEDROOM	125.45	33.56	31.71	1.84
R10/900	LIVING/KITCHEN	254.44	52.72	52.72	0.00

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft
R11/900	KITCHEN	87.89	26.46	26.46	0.00
R12/900	BEDROOM	97.02	48.57	48.57	0.00
R13/900	LIVING/KITCHEN	97.02	61.58	61.58	0.00
R14/900	Unknown	104.99	40.51	40.51	0.00
R15/900	LIVING/KITCHEN	104.99	41.25	41.25	0.00
R16/900	Unknown	87.89	45.31	42.44	2.87
R10/901	Unknown	94.76	94.35	94.35	0.00
R11/901	BEDROOM	123.26	108.44	108.44	0.00
R12/901	BEDROOM	94.76	94.76	94.76	0.00
R13/901	BEDROOM	154.72	154.51	154.51	0.00
R14/901	BEDROOM	149.84	149.73	132.47	17.26
R15/901	BEDROOM	136.48	135.87	129.95	5.91
R16/901	LIVING/KITCHEN	317.30	317.08	317.07	0.01
R17/901	BEDROOM	174.50	85.80	85.37	0.43
R18/901	Unknown	98.10	36.96	36.24	0.73
R19/901	LIVING/KITCHEN	169.77	47.50	45.06	2.43
R20/901	Unknown	128.51	33.99	31.86	2.13
R21/901	LIVING/KITCHEN	235.49	74.05	74.05	0.00
R22/901	LIVING/KITCHEN	80.38	62.29	62.29	0.00
R23/901	BEDROOM	118.45	65.28	65.28	0.00
R24/901	LIVING/KITCHEN	128.13	64.28	64.28	0.00
R25/901	LIVING/KITCHEN	289.37	173.11	169.96	3.16
R18/902	Unknown	94.76	89.59	89.59	0.00
R19/902	BEDROOM	123.26	117.47	117.47	0.00
R20/902	BEDROOM	94.76	94.56	94.56	0.00
R21/902	BEDROOM	154.72	154.32	145.26	9.06
R22/902	BEDROOM	149.84	149.54	133.88	15.67
R23/902	BEDROOM	136.48	135.51	117.36	18.14
R24/902	LIVING/KITCHEN	317.30	316.65	316.64	0.01
R25/902	BEDROOM	174.50	89.46	87.43	2.04
R26/902	BEDROOM	98.10	40.51	37.49	3.01
R27/902	LIVING/KITCHEN	169.77	52.79	47.56	5.23
R28/902	BEDROOM	128.51	38.51	33.62	4.88
R29/902	LIVING/KITCHEN	235.49	89.28	89.28	0.00
R30/902	LIVING/KITCHEN	80.38	67.90	67.90	0.00
R31/902	BEDROOM	118.45	68.70	68.70	0.00
R32/902	LIVING/KITCHEN	128.13	65.99	65.99	0.00
R33/902	LIVING/KITCHEN	289.37	189.56	182.76	6.80
R17/903	Unknown	94.76	94.56	94.56	0.00
R18/903	BEDROOM	123.26	122.44	122.44	0.00
R19/903	BEDROOM	94.76	94.56	94.56	0.00
R20/903	BEDROOM	154.72	154.38	151.08	3.30
R21/903	BEDROOM	149.84	149.54	137.78	11.76
R22/903	BEDROOM	136.48	135.36	121.33	14.04
R23/903	LIVING/KITCHEN	317.30	316.64	316.63	0.01
R24/903	BEDROOM	174.50	94.49	88.51	5.98
R25/903	BEDROOM	98.10	45.59	38.53	7.06
R26/903	LIVING/KITCHEN	169.77	60.30	48.80	11.51
R27/903	BEDROOM	128.51	45.60	34.73	10.87
R28/903	LIVING/KITCHEN	235.49	110.38	110.38	0.00
R29/903	LIVING/KITCHEN	80.38	68.36	68.36	0.00
R30/903	BEDROOM	118.45	73.77	73.77	0.00
R31/903	LIVING/KITCHEN	128.13	68.25	68.25	0.00
R32/903	LIVING/KITCHEN	289.37	199.16	193.25	5.91
R17/904	Unknown	94.76	94.56	94.56	0.00
R18/904	BEDROOM	123.26	122.44	122.44	0.00
R19/904	BEDROOM	94.76	94.56	94.56	0.00
R20/904	BEDROOM	154.72	154.33	154.33	0.00
R21/904	BEDROOM	149.84	149.54	146.74	2.80
R22/904	BEDROOM	136.48	135.53	126.41	9.11

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft
R23/904	LIVING/KITCHEN	317.30	316.66	316.65	0.02
R24/904	BEDROOM	174.50	101.97	90.02	11.96
R25/904	BEDROOM	98.10	52.81	40.04	12.77
R26/904	LIVING/KITCHEN	169.77	72.24	51.35	20.89
R27/904	BEDROOM	128.51	57.68	36.75	20.94
R28/904	LIVING/KITCHEN	235.49	129.04	129.04	0.00
R29/904	LIVING/KITCHEN	80.38	68.87	68.87	0.00
R30/904	BEDROOM	118.45	80.85	80.85	0.00
R31/904	LIVING/KITCHEN	128.13	71.27	71.27	0.00
R32/904	LIVING/KITCHEN	289.37	204.40	199.97	4.43
R17/905	Unknown	94.76	94.56	94.56	0.00
R18/905	BEDROOM	123.26	122.41	122.41	0.00
R19/905	BEDROOM	94.76	94.56	94.56	0.00
R20/905	BEDROOM	154.72	154.29	154.29	0.00
R21/905	BEDROOM	149.84	149.54	149.28	0.26
R22/905	BEDROOM	136.48	135.52	127.60	7.92
R23/905	LIVING/KITCHEN	317.30	316.67	316.65	0.02
R24/905	Unknown	174.50	106.89	91.65	15.24
R25/905	BEDROOM	98.10	56.83	41.76	15.07
R26/905	Unknown	169.77	78.65	53.89	24.76
R27/905	Unknown	128.51	70.96	39.08	31.89
R28/905	LIVING/KITCHEN	235.49	137.84	137.84	0.00
R29/905	LIVING/KITCHEN	80.38	69.66	69.66	0.00
R30/905	BEDROOM	118.45	92.98	92.98	0.00
R31/905	LIVING/KITCHEN	128.13	78.96	78.96	0.00
R32/905	LIVING/KITCHEN	289.37	210.79	208.01	2.79
R11/906	Unknown	119.04	100.45	100.45	0.00
R12/906	Unknown	82.08	80.97	80.97	0.00
R13/906	BEDROOM	80.23	80.16	80.16	0.00
R14/906	BEDROOM	82.08	81.39	81.39	0.00
R15/906	BEDROOM	116.35	115.09	114.96	0.13
R16/906	BEDROOM	158.54	158.29	158.23	0.06
R17/906	LIVING/KITCHEN	249.81	249.81	249.19	0.62
R18/906	Bedroom	128.16	127.86	127.85	0.00
R19/906	BEDROOM	125.61	115.15	55.74	59.41
R20/906	LIVING/KITCHEN	238.94	213.46	213.46	0.00
R21/906	BEDROOM	152.41	114.11	75.86	38.26
R22/906	BEDROOM	118.77	106.56	106.56	0.00
R23/906	BEDROOM	128.14	108.18	108.18	0.00
R24/906	LIVING/KITCHEN	229.72	180.16	180.16	0.00
R12/907	Unknown	119.04	108.79	108.79	0.00
R13/907	Unknown	82.08	80.95	80.95	0.00
R14/907	BEDROOM	80.23	80.14	80.14	0.00
R15/907	BEDROOM	82.08	81.39	81.39	0.00
R16/907	BEDROOM	116.35	115.07	114.98	0.09
R17/907	BEDROOM	158.54	158.29	158.26	0.03
R18/907	LIVING/KITCHEN	249.81	249.81	249.28	0.53
R19/907	Bedroom	128.16	127.84	127.83	0.00
R20/907	BEDROOM	125.61	125.35	62.07	63.29
R21/907	LIVING/KITCHEN	238.94	230.38	230.38	0.00
R22/907	BEDROOM	152.41	148.96	83.99	64.96
R23/907	BEDROOM	118.77	111.26	111.26	0.00
R24/907	BEDROOM	128.14	113.15	113.15	0.00
R25/907	LIVING/KITCHEN	229.72	196.68	196.68	0.00
26 LONGFORD STREET					
R1/299	LKD	255.39	228.41	228.41	0.00
R2/299	Bathroom	42.86	10.40	10.40	0.00
R3/299	Bedroom	115.66	45.85	45.85	0.00

Room / Floor	Room Use	Whole Room	Prev sq ft	New sq ft	Loss sq ft
R4/299	Kitchen	107.51	39.14	39.13	0.00
R5/299	Bedroom	113.93	44.14	44.14	0.00
R6/299	Bedroom	135.67	48.45	48.45	0.00
R1/300	Bedroom	106.25	31.35	31.35	0.00
R2/300	Lobby	142.79	76.75	76.75	0.00
R3/300	Lobby	185.79	5.65	5.65	0.00
R4/300	Living Room	177.36	53.19	53.17	0.02
R5/300	Living Room	135.94	46.67	46.67	0.00
R1/301	LKD	270.33	259.86	259.86	0.00
R2/301	Bathroom	50.32	35.89	35.89	0.00
R3/301	Bedroom	97.38	54.99	54.99	0.00
R4/301	Bedroom	136.39	13.63	13.63	0.00
R5/301	Bedroom	165.55	1.46	1.46	0.00
R6/301	Living Room	202.54	0.04	0.04	0.00
R1/302	LKD	270.33	261.84	261.84	0.00
R2/302	Bathroom	50.32	36.16	36.16	0.00
R3/302	Bedroom	97.38	54.94	54.94	0.00
R4/302	Bedroom	129.28	74.23	74.23	0.00
R5/302	Bedroom	165.55	70.88	70.87	0.00
R6/302	Living Room	202.54	73.21	73.21	0.00
R1/303	LKD	267.89	256.96	256.96	0.00
R2/303	Bathroom	50.32	35.90	35.90	0.00
R3/303	Bedroom	97.38	55.23	55.23	0.00
R4/303	Bedroom	112.01	38.88	38.86	0.02
R5/303	Bedroom	155.41	43.69	43.37	0.32
R6/303	Living Room	190.07	43.98	43.92	0.05

Annual Probable Sunlight Hours (APSH)

			Window								Room					
			Existing		Proposed						Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter Loss	Annual Loss	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
ST MARY MAGDALENE CHURCH																
R1/4300	W13/4300	Unknown	2	29	0	16	2	13	100.00	44.83						
R1/4300	W14/4300	Unknown	5	33	2	23	3	10	60.00	30.30						
R1/4300	W15/4300	Unknown	10	40	6	29	4	11	40.00	27.50						
R1/4300	W16/4300	Unknown	0	29	0	28	0	1	0.00	3.45						
R1/4300	W17/4300	Unknown	0	2	0	2	0	0	0.00	0.00						
R1/4300	W18/4300	Unknown	0	1	0	1	0	0	0.00	0.00						
R1/4300	W19/4300	Unknown	0	1	0	1	0	0	0.00	0.00						
R1/4300	W20/4300	Unknown	0	1	0	1	0	0	0.00	0.00						
R1/4300	W21/4300	Unknown	0	0	0	0	0	0	0.00	0.00						
R1/4300	W22/4300	Unknown	7	40	7	40	0	0	0.00	0.00						
R1/4300	W23/4300	Unknown	11	44	11	44	0	0	0.00	0.00						
R1/4300	W24/4300	Unknown	4	34	4	34	0	0	0.00	0.00						
R1/4300	W25/4300	Unknown	0	7	0	7	0	0	0.00	0.00						
R1/4300	W26/4300	Unknown	0	8	0	7	0	1	0.00	12.50						
R1/4300	W27/4300	Unknown	0	7	0	5	0	2	0.00	28.57						
R1/4300	W28/4300	Unknown	0	1	0	1	0	0	0.00	0.00	21	89	17	84	19.0	6
1-4 LAXTON PLACE																
R1/4400	W1/4400	Unknown	0	15	0	15	0	0	0.00	0.00	0	15	0	15	0.0	0
R2/4400	W2/4400	Unknown	0	11	0	11	0	0	0.00	0.00	0	11	0	11	0.0	0
R3/4400	W3/4400	Unknown	1	10	1	10	0	0	0.00	0.00						
R3/4400	W4/4400	Unknown	0	8	0	8	0	0	0.00	0.00	1	11	1	11	0.0	0
R4/4400	W5/4400	Unknown	0	4	0	4	0	0	0.00	0.00	0	4	0	4	0.0	0
R5/4400	W6/4400	Unknown	0	3	0	3	0	0	0.00	0.00						
R5/4400	W7/4400	Unknown	0	2	0	2	0	0	0.00	0.00	0	3	0	3	0.0	0
R6/4400	W8/4400	Unknown	0	3	0	3	0	0	0.00	0.00	0	3	0	3	0.0	0
R7/4400	W9/4400	Unknown	0	5	0	5	0	0	0.00	0.00						
R7/4400	W10/4400	Unknown	0	4	0	4	0	0	0.00	0.00	0	6	0	6	0.0	0
R8/4400	W11/4400	Unknown	0	2	0	2	0	0	0.00	0.00	0	2	0	2	0.0	0
R1/4401	W1/4401	Unknown	3	35	3	35	0	0	0.00	0.00	3	35	3	35	0.0	0
R2/4401	W2/4401	Unknown	3	35	3	35	0	0	0.00	0.00	3	35	3	35	0.0	0
R3/4401	W3/4401	Unknown	4	31	4	31	0	0	0.00	0.00	4	31	4	31	0.0	0
R4/4401	W4/4401	Unknown	4	30	4	30	0	0	0.00	0.00	4	30	4	30	0.0	0
R5/4401	W5/4401	Unknown	5	26	5	26	0	0	0.00	0.00	5	26	5	26	0.0	0
R6/4401	W6/4401	Unknown	6	28	6	28	0	0	0.00	0.00	6	28	6	28	0.0	0
R7/4401	W7/4401	Unknown	4	24	4	24	0	0	0.00	0.00	4	24	4	24	0.0	0
R8/4401	W8/4401	Unknown	1	19	3	23	-2	-4	-200.00	-21.05	1	19	3	23	-200.0	-21
R1/4402	W1/4402	Unknown	4	38	4	38	0	0	0.00	0.00	4	38	4	38	0.0	0
R2/4402	W2/4402	Unknown	4	37	4	37	0	0	0.00	0.00	4	37	4	37	0.0	0
R3/4402	W3/4402	Unknown	4	38	4	38	0	0	0.00	0.00	4	38	4	38	0.0	0
R4/4402	W4/4402	Unknown	7	36	7	36	0	0	0.00	0.00	7	36	7	36	0.0	0
R5/4402	W5/4402	Unknown	6	34	6	34	0	0	0.00	0.00	6	34	6	34	0.0	0
R6/4402	W6/4402	Unknown	5	31	5	31	0	0	0.00	0.00	5	31	5	31	0.0	0
R7/4402	W7/4402	Unknown	5	27	5	27	0	0	0.00	0.00	5	27	5	27	0.0	0
R8/4402	W8/4402	Unknown	5	29	5	29	0	0	0.00	0.00	5	29	5	29	0.0	0
9 LAXTON PLACE																
R1/400	W1/400	Living Room	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R2/400	W2/400	Bedroom	0	24	0	19	0	5	0.00	20.83	0	24	0	19	0.0	21
R3/400	W3/400	Bedroom	0	23	0	18	0	5	0.00	21.74	0	23	0	18	0.0	22
R4/400	W4/400	Kitchen	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R5/400	W5/400	Living Room	0	9	0	6	0	3	0.00	33.33						
R5/400	W6/400	Living Room	0	20	0	16	0	4	0.00	20.00						
R5/400	W7/400	Living Room	0	18	0	15	0	3	0.00	16.67						
R5/400	W8/400	Living Room	0	19	0	17	0	2	0.00	10.53						
R5/400	W9/400	Living Room	0	22	0	18	0	4	0.00	18.18	0	25	0	21	0.0	16
R6/400	W10/400	Living Room	1	15	0	10	1	5	100.00	33.33						

			Window								Room					
			Existing		Proposed						Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter Loss	Annual Loss	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R6/400	W11/400	Living Room	1	18	0	13	1	5	100.00	27.78	2	19	0	13	100.0	32
R7/400	W12/400	Lobby	3	25	1	14	2	11	66.67	44.00						
R7/400	W13/400	Lobby	0	0	0	0	0	0	0.00	0.00	3	25	1	14	66.7	44
R8/400	W14/400	Refuse Room	0	23	0	19	0	4	0.00	17.39	0	23	0	19	0.0	17
R1/401	W1/401	Living Room	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R2/401	W2/401	Bedroom	0	25	0	23	0	2	0.00	8.00	0	25	0	23	0.0	8
R3/401	W3/401	Bedroom	0	28	0	25	0	3	0.00	10.71	0	28	0	25	0.0	11
R4/401	W4/401	Bedroom	0	27	0	23	0	4	0.00	14.81	0	27	0	23	0.0	15
R5/401	W5/401	Kitchen	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R6/401	W6/401	Living Room	0	14	0	9	0	5	0.00	35.71						
R6/401	W7/401	Living Room	0	25	0	18	0	7	0.00	28.00						
R6/401	W8/401	Living Room	0	25	0	20	0	5	0.00	20.00						
R6/401	W9/401	Living Room	0	25	0	20	0	5	0.00	20.00						
R6/401	W10/401	Living Room	0	26	0	20	0	6	0.00	23.08	0	29	0	23	0.0	21
R7/401	W11/401	Kitchen	0	3	0	0	0	3	0.00	100.00	0	3	0	0	0.0	100
R8/401	W12/401	Living Room	1	21	0	12	1	9	100.00	42.86						
R8/401	W13/401	Living Room	1	24	0	14	1	10	100.00	41.67	2	25	0	15	100.0	40
R9/401	W14/401	Kitchen	4	31	2	16	2	15	50.00	48.39	4	31	2	16	50.0	48
R1/402	W1/402	Living Room	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R2/402	W2/402	Bedroom	0	29	0	29	0	0	0.00	0.00	0	29	0	29	0.0	0
R3/402	W3/402	Bedroom	0	30	0	28	0	2	0.00	6.67	0	30	0	28	0.0	7
R4/402	W4/402	Bedroom	0	31	0	27	0	4	0.00	12.90	0	31	0	27	0.0	13
R5/402	W5/402	Kitchen	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R6/402	W6/402	Living Room	0	14	0	10	0	4	0.00	28.57						
R6/402	W7/402	Living Room	0	30	0	24	0	6	0.00	20.00						
R6/402	W8/402	Living Room	0	30	0	23	0	7	0.00	23.33						
R6/402	W9/402	Living Room	0	31	0	23	0	8	0.00	25.81						
R6/402	W10/402	Living Room	1	31	0	24	1	7	100.00	22.58	1	33	0	29	100.0	12
R7/402	W11/402	Kitchen	0	2	0	0	0	2	0.00	100.00	0	2	0	0	0.0	100
R8/402	W12/402	Living Room	2	23	1	14	1	9	50.00	39.13						
R8/402	W13/402	Living Room	3	29	1	17	2	12	66.67	41.38	3	29	1	17	66.7	41
R9/402	W14/402	Bedroom	7	34	4	18	3	16	42.86	47.06	7	34	4	18	42.9	47
R1/403	W1/403	Living Room	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R2/403	W2/403	Bedroom	0	36	0	36	0	0	0.00	0.00	0	36	0	36	0.0	0
R3/403	W3/403	Bedroom	0	36	0	36	0	0	0.00	0.00	0	36	0	36	0.0	0
R4/403	W4/403	Bedroom	0	36	0	33	0	3	0.00	8.33	0	36	0	33	0.0	8
R5/403	W5/403	Kitchen	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R6/403	W6/403	Living Room	0	15	0	11	0	4	0.00	26.67						
R6/403	W7/403	Living Room	0	35	0	30	0	5	0.00	14.29						
R6/403	W8/403	Living Room	0	36	0	31	0	5	0.00	13.89						
R6/403	W9/403	Living Room	1	38	1	31	0	7	0.00	18.42						
R6/403	W10/403	Living Room	1	36	1	29	0	7	0.00	19.44	1	38	1	34	0.0	11
R7/403	W11/403	Kitchen	0	1	0	0	0	1	0.00	100.00	0	1	0	0	0.0	100
R8/403	W12/403	Living Room	4	27	2	16	2	11	50.00	40.74						
R8/403	W13/403	Living Room	6	33	4	21	2	12	33.33	36.36	6	33	4	21	33.3	36
R1/404	W1/404	Living Room	1	1	1	1	0	0	0.00	0.00						
R1/404	W8/404	Living Room	2	18	2	18	0	0	0.00	0.00	2	18	2	18	0.0	0
R2/404	W2/404	Bedroom	2	42	2	42	0	0	0.00	0.00	2	42	2	42	0.0	0
R3/404	W3/404	Bedroom	2	41	2	41	0	0	0.00	0.00	2	41	2	41	0.0	0
R4/404	W4/404	Bedroom	2	44	2	44	0	0	0.00	0.00	2	44	2	44	0.0	0
R5/404	W5/404	Kitchen	0	0	0	0	0	0	0.00	0.00	0	0	0	0	0.0	0
R6/404	W6/404	Living Room	0	15	0	12	0	3	0.00	20.00						
R6/404	W9/404	Living Room	2	39	2	34	0	5	0.00	12.82						
R6/404	W10/404	Living Room	3	40	3	34	0	6	0.00	15.00						
R6/404	W11/404	Living Room	5	43	5	35	0	8	0.00	18.60						
R6/404	W12/404	Living Room	4	40	4	32	0	8	0.00	20.00	5	43	5	38	0.0	12

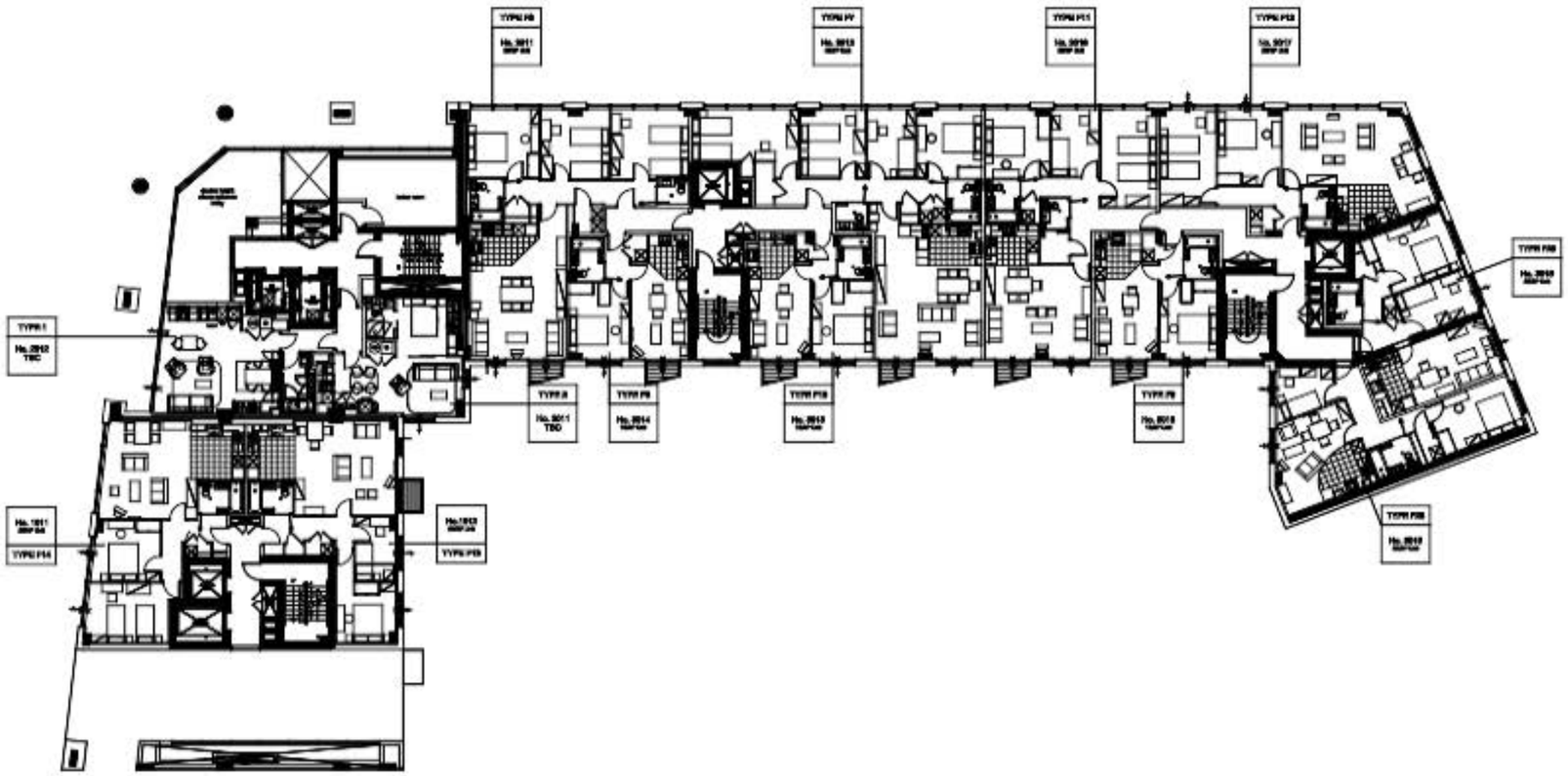
			Window								Room					
			Existing		Proposed						Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter Loss	Annual Loss	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R8/404	W13/404	Kitchen	0	9	0	4	0	5	0.00	55.56	0	9	0	4	0.0	56
R9/404	W14/404	Living Room	2	18	2	6	0	12	0.00	66.67						
R9/404	W15/404	Living Room	0	1	0	0	0	1	0.00	100.00	2	18	2	6	0.0	67
R1/405	W2/405	Living Room	8	47	7	45	1	2	12.50	4.26						
R1/405	W3/405	Living Room	5	44	4	42	1	2	20.00	4.55						
R1/405	W4/405	Living Room	7	45	6	43	1	2	14.29	4.44	8	47	7	45	12.5	4
R2/405	W5/405	Studio	7	46	6	44	1	2	14.29	4.35						
R2/405	W6/405	Studio	7	47	6	46	1	1	14.29	2.13						
R2/405	W7/405	Studio	8	47	7	46	1	1	12.50	2.13	9	50	8	48	11.1	4
R3/405	W8/405	Kitchen	8	48	8	48	0	0	0.00	0.00	8	48	8	48	0.0	0
R4/405	W9/405	Bathroom	9	48	9	48	0	0	0.00	0.00	9	48	9	48	0.0	0
R5/405	W10/405	Living Room	7	47	7	47	0	0	0.00	0.00						
R5/405	W11/405	Living Room	8	46	8	46	0	0	0.00	0.00						
R5/405	W12/405	Living Room	10	48	10	44	0	4	0.00	8.33						
R5/405	W13/405	Living Room	10	44	10	37	0	7	0.00	15.91	10	53	10	51	0.0	4
R6/405	W15/405	Bathroom	0	18	0	11	0	7	0.00	38.89	0	18	0	11	0.0	39
R1/406	W1/406	Test	12	12	11	11	1	1	8.33	8.33	12	12	11	11	8.3	8
1-8 LONGFORD STREET																
R11/900	W18/900	KITCHEN	0	13	0	13	0	0	0.00	0.00	0	13	0	13	0.0	0
R12/900	W19/900	BEDROOM	1	15	1	15	0	0	0.00	0.00						
R12/900	W20/900	BEDROOM	1	18	1	18	0	0	0.00	0.00	1	18	1	18	0.0	0
R13/900	W21/900	LIVING/KITCHEN	0	18	0	18	0	0	0.00	0.00	0	18	0	18	0.0	0
R14/900	W17/900	Unknown	0	9	0	9	0	0	0.00	0.00	0	9	0	9	0.0	0
R15/900	W22/900	LIVING/KITCHEN	2	21	1	19	1	2	50.00	9.52	2	21	1	19	50.0	10
R16/900	W23/900	Unknown	2	20	1	18	1	2	50.00	10.00	2	20	1	18	50.0	10
R23/901	W25/901	BEDROOM	2	21	2	21	0	0	0.00	0.00	2	21	2	21	0.0	0
R24/901	W26/901	LIVING/KITCHEN	1	19	1	19	0	0	0.00	0.00	1	19	1	19	0.0	0
R25/901	W27/901	LIVING/KITCHEN	2	27	1	26	1	1	50.00	3.70						
R25/901	W28/901	LIVING/KITCHEN	2	24	1	22	1	2	50.00	8.33	2	30	1	28	50.0	7
R31/902	W45/902	BEDROOM	2	22	2	22	0	0	0.00	0.00	2	22	2	22	0.0	0
R32/902	W46/902	LIVING/KITCHEN	2	24	2	24	0	0	0.00	0.00	2	24	2	24	0.0	0
R33/902	W47/902	LIVING/KITCHEN	3	29	2	28	1	1	33.33	3.45						
R33/902	W48/902	LIVING/KITCHEN	3	29	3	29	0	0	0.00	0.00	3	32	3	32	0.0	0
R30/903	W45/903	BEDROOM	2	25	2	25	0	0	0.00	0.00	2	25	2	25	0.0	0
R31/903	W46/903	LIVING/KITCHEN	2	29	2	29	0	0	0.00	0.00	2	29	2	29	0.0	0
R32/903	W47/903	LIVING/KITCHEN	3	32	3	32	0	0	0.00	0.00						
R32/903	W48/903	LIVING/KITCHEN	3	34	3	34	0	0	0.00	0.00	3	37	3	37	0.0	0
R30/904	W44/904	BEDROOM	3	30	3	30	0	0	0.00	0.00	3	30	3	30	0.0	0
R31/904	W45/904	LIVING/KITCHEN	2	32	2	32	0	0	0.00	0.00	2	32	2	32	0.0	0
R32/904	W46/904	LIVING/KITCHEN	4	37	4	37	0	0	0.00	0.00						
R32/904	W47/904	LIVING/KITCHEN	3	40	3	40	0	0	0.00	0.00	4	43	4	43	0.0	0
R30/905	W45/905	BEDROOM	3	34	3	34	0	0	0.00	0.00	3	34	3	34	0.0	0
R31/905	W46/905	LIVING/KITCHEN	2	39	2	39	0	0	0.00	0.00	2	39	2	39	0.0	0
R32/905	W47/905	LIVING/KITCHEN	4	45	4	45	0	0	0.00	0.00						
R32/905	W48/905	LIVING/KITCHEN	3	47	3	47	0	0	0.00	0.00	4	49	4	49	0.0	0
R11/906	W41/906	Unknown	2	31	2	31	0	0	0.00	0.00	2	31	2	31	0.0	0
R22/906	W42/906	BEDROOM	5	45	5	45	0	0	0.00	0.00	5	45	5	45	0.0	0
R23/906	W43/906	BEDROOM	4	52	4	52	0	0	0.00	0.00	4	52	4	52	0.0	0
R24/906	W44/906	LIVING/KITCHEN	4	56	4	56	0	0	0.00	0.00						
R24/906	W45/906	LIVING/KITCHEN	4	57	4	57	0	0	0.00	0.00	4	57	4	57	0.0	0
R12/907	W42/907	Unknown	4	41	4	41	0	0	0.00	0.00	4	41	4	41	0.0	0
R23/907	W43/907	BEDROOM	12	64	12	64	0	0	0.00	0.00	12	64	12	64	0.0	0

			Window								Room					
			Existing		Proposed						Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter Loss	Annual Loss	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R24/907	W44/907	BEDROOM	8	63	7	60	1	3	12.50	4.76	8	63	7	60	12.5	5
R25/907	W45/907	LIVING/KITCHEN	8	63	7	60	1	3	12.50	4.76						
R25/907	W46/907	LIVING/KITCHEN	8	63	6	59	2	4	25.00	6.35	9	64	7	60	22.2	6
26 LONGFORD STREET																
R1/299	W1/299	LKD	5	17	5	17	0	0	0.00	0.00						
R1/299	W2/299	LKD	5	17	5	17	0	0	0.00	0.00						
R1/299	W3/299	LKD	0	0	0	0	0	0	0.00	0.00						
R1/299	W4/299	LKD	4	16	4	16	0	0	0.00	0.00						
R1/299	W5/299	LKD	0	16	0	16	0	0	0.00	0.00						
R1/299	W6/299	LKD	0	14	0	14	0	0	0.00	0.00	5	28	5	28	0.0	0
R2/299	W7/299	Bathroom	0	8	0	8	0	0	0.00	0.00						
R2/299	W8/299	Bathroom	0	12	0	12	0	0	0.00	0.00	0	15	0	15	0.0	0
R3/299	W9/299	Bedroom	0	19	0	19	0	0	0.00	0.00						
R3/299	W10/299	Bedroom	0	21	0	21	0	0	0.00	0.00						
R3/299	W11/299	Bedroom	0	19	0	19	0	0	0.00	0.00	0	26	0	26	0.0	0
R4/299	W14/299	Kitchen	0	11	0	11	0	0	0.00	0.00	0	11	0	11	0.0	0
R5/299	W12/299	Bedroom	0	20	0	20	0	0	0.00	0.00	0	20	0	20	0.0	0
R6/299	W13/299	Bedroom	0	16	0	16	0	0	0.00	0.00	0	16	0	16	0.0	0
R1/300	W9/300	Bedroom	2	32	2	32	0	0	0.00	0.00						
R1/300	W10/300	Bedroom	2	29	2	29	0	0	0.00	0.00	2	32	2	32	0.0	0
R2/300	W11/300	Lobby	0	25	0	25	0	0	0.00	0.00						
R2/300	W12/300	Lobby	1	29	1	29	0	0	0.00	0.00						
R2/300	W13/300	Lobby	1	26	1	26	0	0	0.00	0.00						
R2/300	W14/300	Lobby	1	29	1	29	0	0	0.00	0.00						
R2/300	W15/300	Lobby	1	26	1	26	0	0	0.00	0.00						
R2/300	W16/300	Lobby	1	30	1	30	0	0	0.00	0.00						
R2/300	W17/300	Lobby	1	27	1	27	0	0	0.00	0.00	1	34	1	34	0.0	0
R3/300	W3/300	Lobby	1	14	1	14	0	0	0.00	0.00						
R3/300	W4/300	Lobby	1	12	1	12	0	0	0.00	0.00	1	16	1	16	0.0	0
R4/300	W1/300	Living Room	0	24	0	24	0	0	0.00	0.00	0	24	0	24	0.0	0
R5/301	W1/300	Bedroom	0	24	0	24	0	0	0.00	0.00	0	24	0	24	0.0	0
R5/300	W2/300	Living Room	0	20	0	20	0	0	0.00	0.00	0	20	0	20	0.0	0
R6/301	W2/300	Living Room	0	20	0	20	0	0	0.00	0.00	0	20	0	20	0.0	0
R1/301	W1/301	LKD	7	30	7	30	0	0	0.00	0.00						
R1/301	W2/301	LKD	7	32	7	32	0	0	0.00	0.00						
R1/301	W3/301	LKD	7	31	7	31	0	0	0.00	0.00						
R1/301	W4/301	LKD	7	30	7	30	0	0	0.00	0.00						
R1/301	W5/301	LKD	7	30	7	30	0	0	0.00	0.00						
R1/301	W6/301	LKD	7	31	7	31	0	0	0.00	0.00						
R1/301	W7/301	LKD	7	31	7	31	0	0	0.00	0.00						
R1/301	W8/301	LKD	7	30	7	30	0	0	0.00	0.00						
R1/301	W9/301	LKD	2	36	2	35	0	1	0.00	2.78						
R1/301	W10/301	LKD	2	32	2	32	0	0	0.00	0.00	7	53	7	52	0.0	2
R2/301	W11/301	Bathroom	0	29	0	29	0	0	0.00	0.00						
R2/301	W12/301	Bathroom	0	32	0	32	0	0	0.00	0.00						
R2/301	W13/301	Bathroom	0	31	0	31	0	0	0.00	0.00						
R2/301	W14/301	Bathroom	0	29	0	29	0	0	0.00	0.00	0	32	0	32	0.0	0
R3/301	W15/301	Bedroom	1	29	1	29	0	0	0.00	0.00						
R3/301	W16/301	Bedroom	1	30	1	30	0	0	0.00	0.00						
R3/301	W17/301	Bedroom	1	32	1	32	0	0	0.00	0.00						
R3/301	W18/301	Bedroom	1	31	1	31	0	0	0.00	0.00	1	32	1	32	0.0	0
R4/301	W20/301	Bedroom	1	21	1	21	0	0	0.00	0.00						
R4/301	W21/301	Bedroom	1	31	1	31	0	0	0.00	0.00						
R4/301	W22/301	Bedroom	0	18	0	18	0	0	0.00	0.00	1	35	1	35	0.0	0
R1/302	W1/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W2/302	LKD	7	38	7	38	0	0	0.00	0.00						
R1/302	W3/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W4/302	LKD	7	35	7	35	0	0	0.00	0.00						
R1/302	W5/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W6/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W7/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W8/302	LKD	7	36	7	36	0	0	0.00	0.00						
R1/302	W9/302	LKD	3	38	3	37	0	1	0.00	2.63						
R1/302	W10/302	LKD	3	39	3	38	0	1	0.00	2.56						
R1/302	W11/302	LKD	3	40	3	39	0	1	0.00	2.50						
R1/302	W12/302	LKD	3	39	3	38	0	1	0.00	2.56	8	59	8	58	0.0	2
R2/302	W13/302	Bathroom	2	39	2	38	0	1	0.00	2.56						
R2/302	W14/302	Bathroom	2	39	2	38	0	1	0.00	2.56						
R2/302	W15/302	Bathroom	2	38	2	37	0	1	0.00	2.63						

			Window								Room					
			Existing		Proposed						Existing		Proposed			
Room	Window	Room Use	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter Loss	Annual Loss	Winter %Loss	Annual %Loss	Winter APSH	Annual APSH	Winter APSH	Annual APSH	Winter %Loss	Annual %Loss
R2/302	W16/302	Bathroom	2	38	2	37	0	1	0.00	2.63	2	39	2	38	0.0	3
R3/302	W17/302	Bedroom	3	38	3	37	0	1	0.00	2.63						
R3/302	W18/302	Bedroom	4	41	4	40	0	1	0.00	2.44						
R3/302	W19/302	Bedroom	4	43	4	42	0	1	0.00	2.33						
R3/302	W20/302	Bedroom	3	39	3	38	0	1	0.00	2.56	4	43	4	42	0.0	2
R4/302	W21/302	Bedroom	1	23	1	23	0	0	0.00	0.00						
R4/302	W22/302	Bedroom	1	34	1	34	0	0	0.00	0.00						
R4/302	W23/302	Bedroom	0	23	0	23	0	0	0.00	0.00	1	38	1	38	0.0	0
R5/302	W24/302	Bedroom	0	30	0	30	0	0	0.00	0.00	0	30	0	30	0.0	0
R6/302	W25/302	Living Room	0	27	0	27	0	0	0.00	0.00	0	27	0	27	0.0	0
R1/303	W1/303	LKD	7	38	7	38	0	0	0.00	0.00						
R1/303	W2/303	LKD	7	38	7	38	0	0	0.00	0.00						
R1/303	W3/303	LKD	7	38	7	38	0	0	0.00	0.00						
R1/303	W4/303	LKD	6	38	5	36	1	2	16.67	5.26						
R1/303	W5/303	LKD	5	42	4	40	1	2	20.00	4.76						
R1/303	W6/303	LKD	4	41	3	39	1	2	25.00	4.88	11	62	10	60	9.1	3
R2/303	W7/303	Bathroom	3	41	2	39	1	2	33.33	4.88						
R2/303	W8/303	Bathroom	4	43	3	41	1	2	25.00	4.65						
R2/303	W9/303	Bathroom	5	44	4	42	1	2	20.00	4.55						
R2/303	W10/303	Bathroom	3	40	2	38	1	2	33.33	5.00	5	45	4	43	20.0	4
R3/303	W11/303	Bedroom	6	46	5	44	1	2	16.67	4.35						
R3/303	W12/303	Bedroom	7	48	6	46	1	2	14.29	4.17						
R3/303	W13/303	Bedroom	7	48	6	46	1	2	14.29	4.17						
R3/303	W14/303	Bedroom	6	47	5	45	1	2	16.67	4.26	7	49	6	47	14.3	4
R4/303	W21/303	Bedroom	6	36	6	36	0	0	0.00	0.00	6	36	6	36	0.0	0
R5/303	W22/303	Bedroom	2	33	2	33	0	0	0.00	0.00	2	33	2	33	0.0	0
R6/303	W23/303	Living Room	2	29	2	29	0	0	0.00	0.00						
R6/303	W24/303	Living Room	2	20	2	20	0	0	0.00	0.00	2	32	2	32	0.0	0

Appendix 04

Floorplans



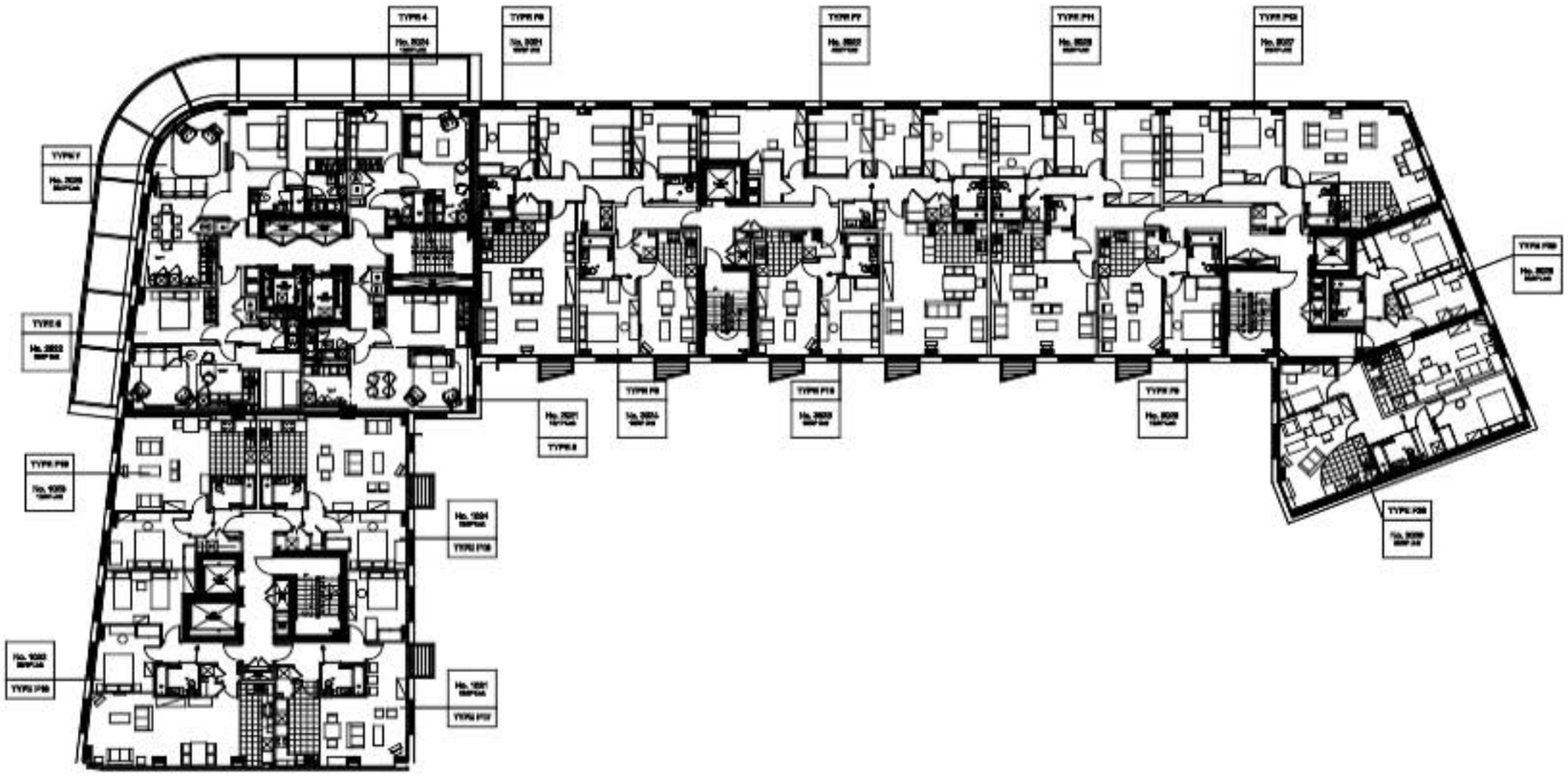
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 1 PLAN

RPC 05 101 A



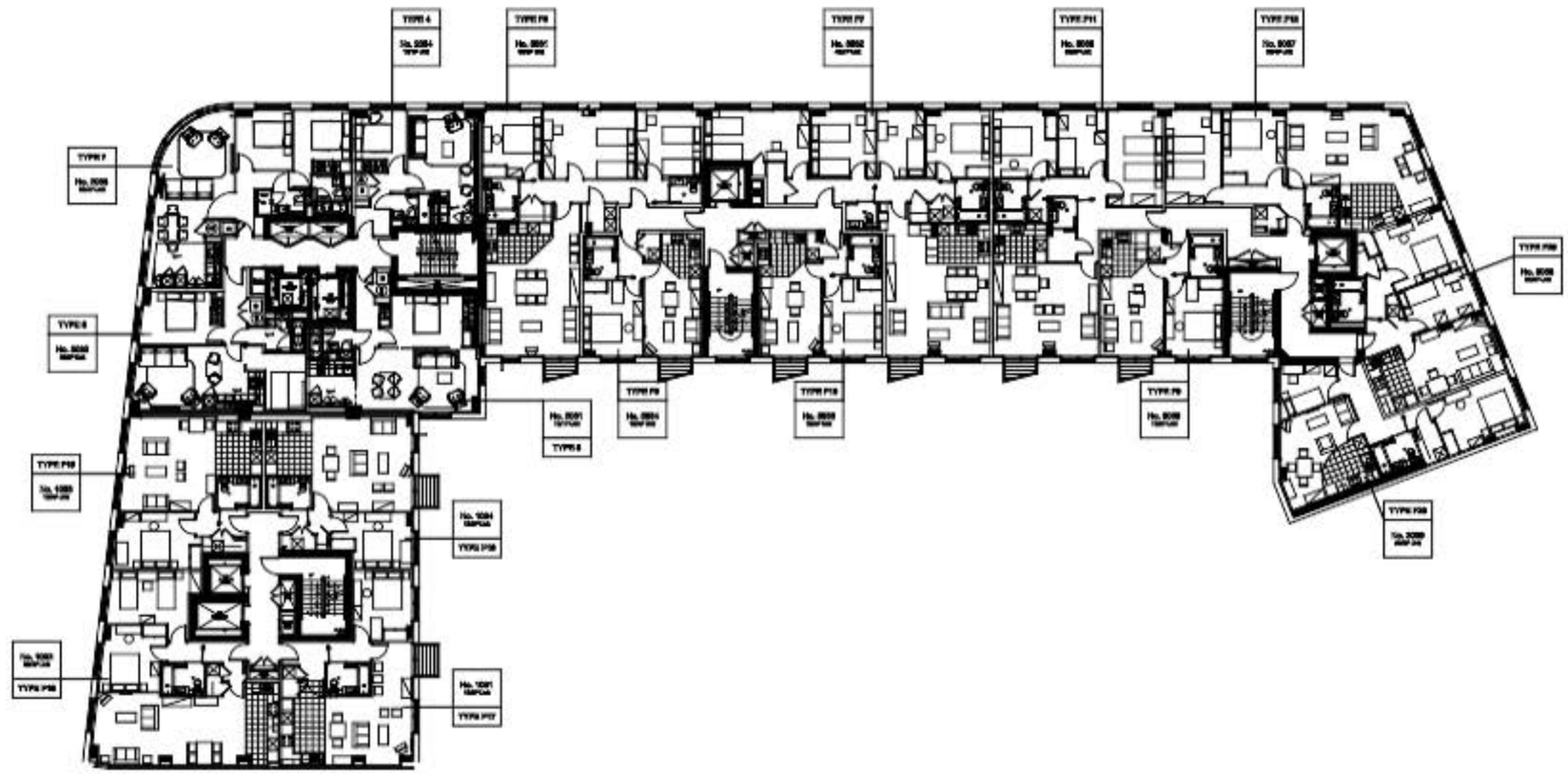
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 2 PLAN

RPC 05 102 1A



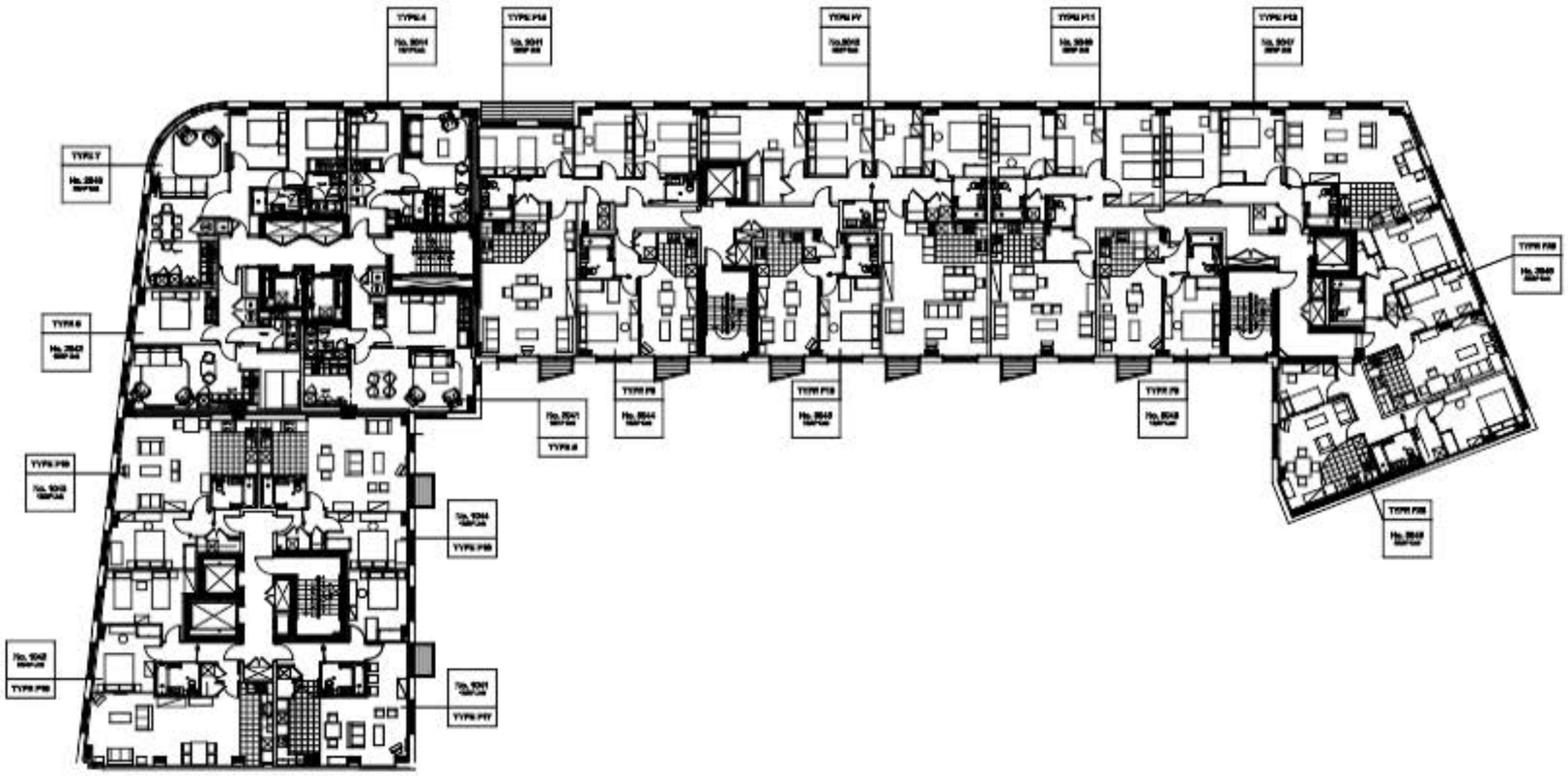
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 3 PLAN

RPC 05 103 1A



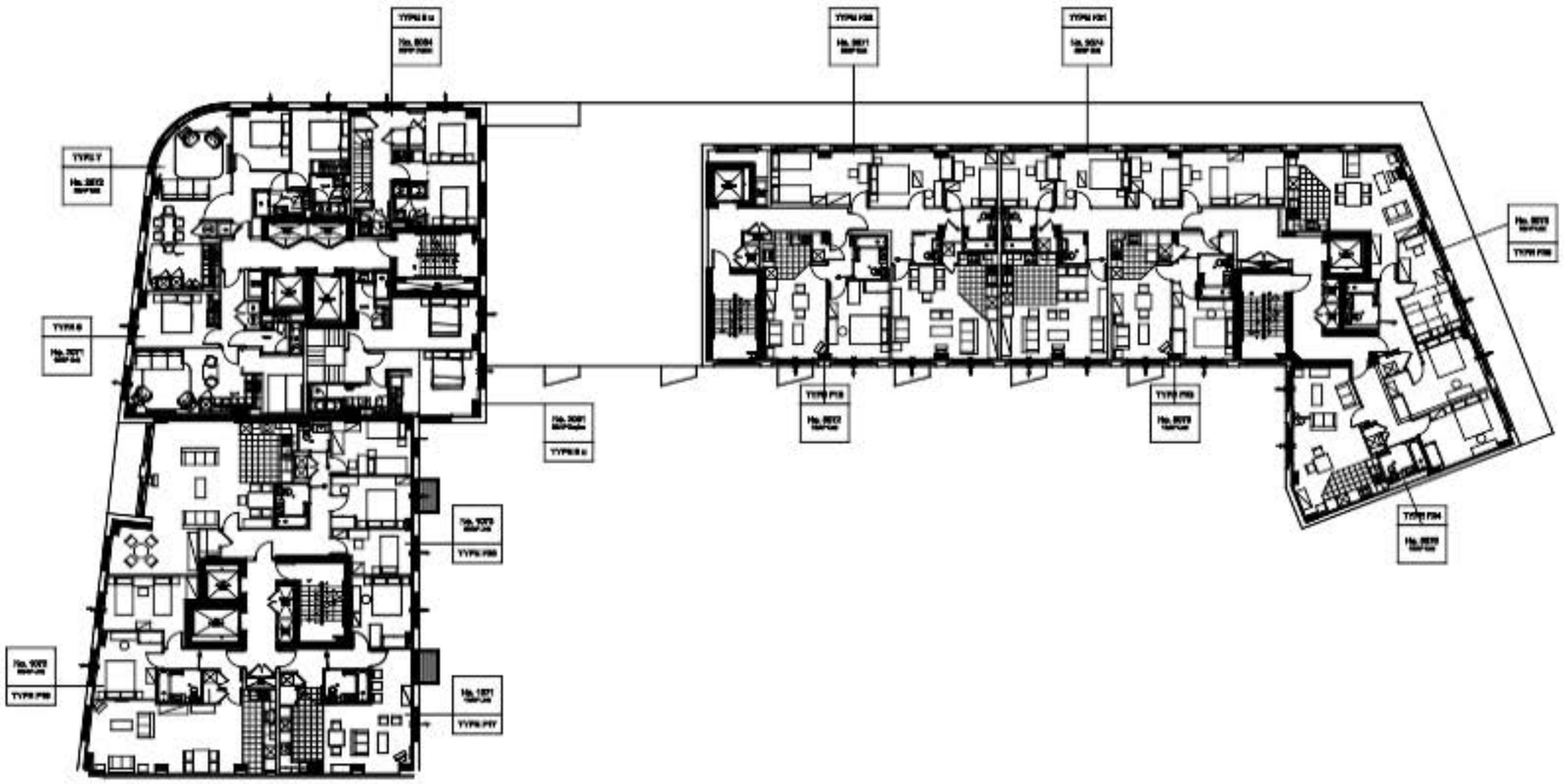
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 4 PLAN

RPC 05 104 A



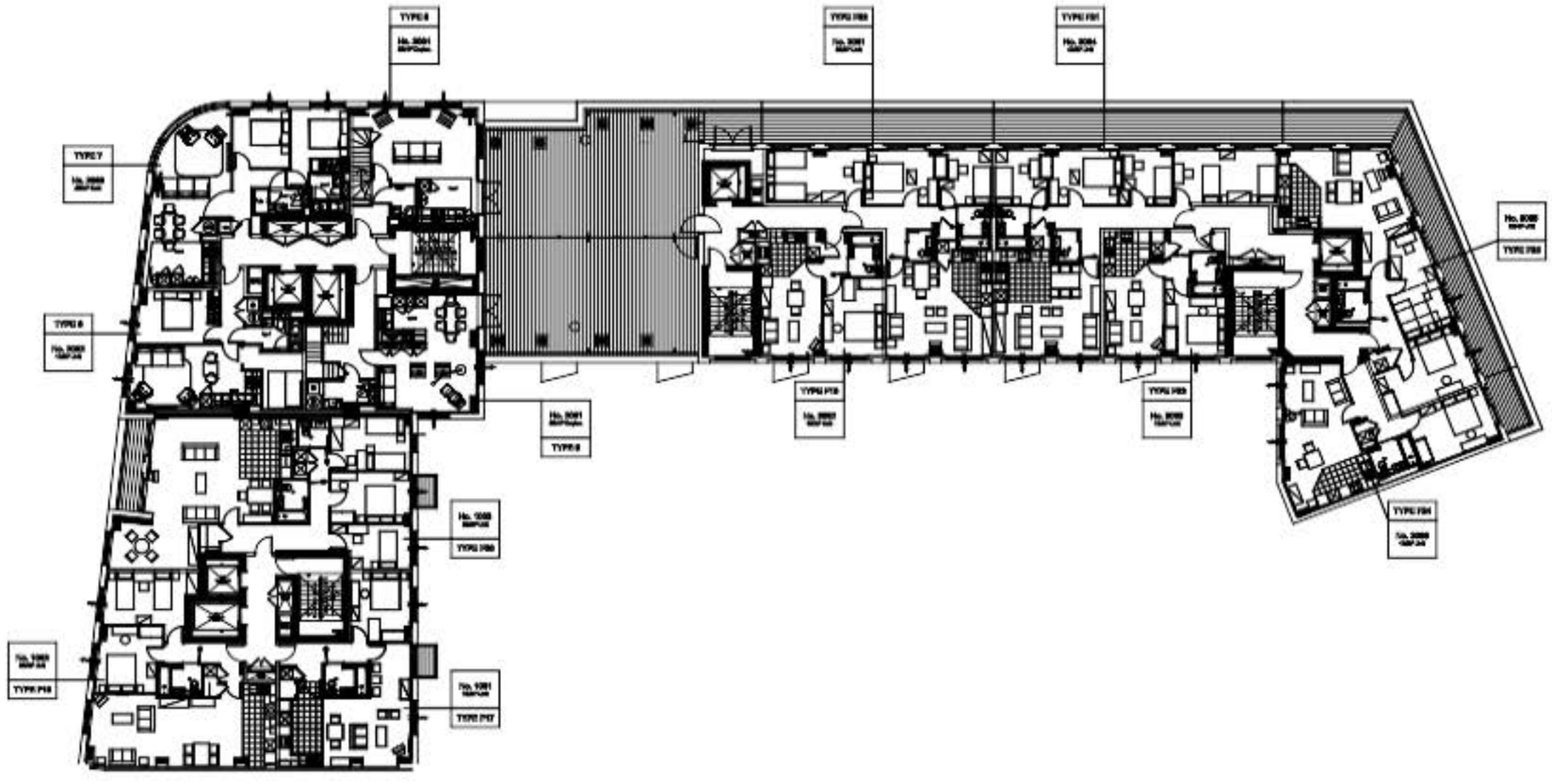
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 7 PLAN

RPC 05 107 A



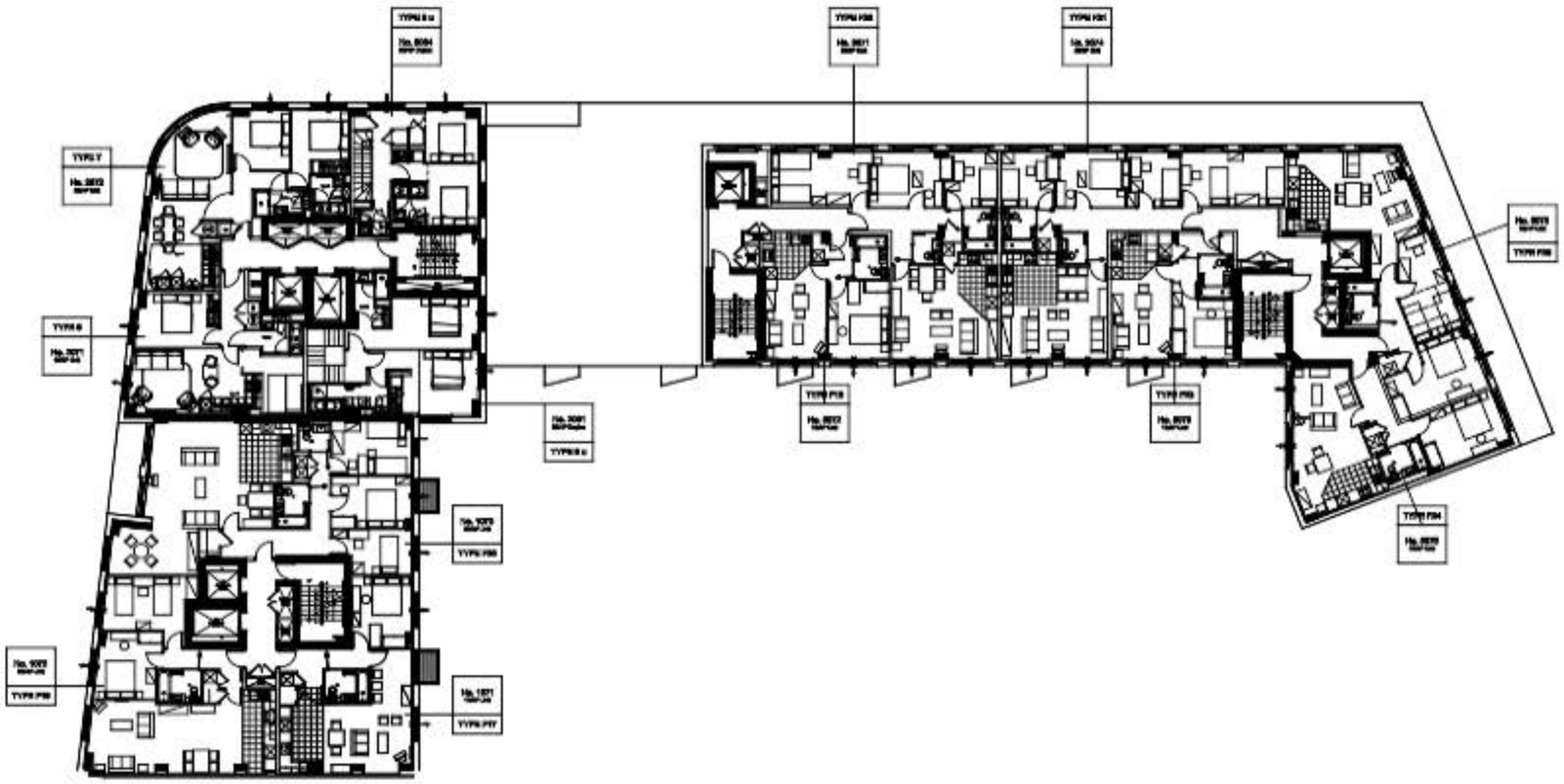
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 6 PLAN

RPC | 05 106 | LA



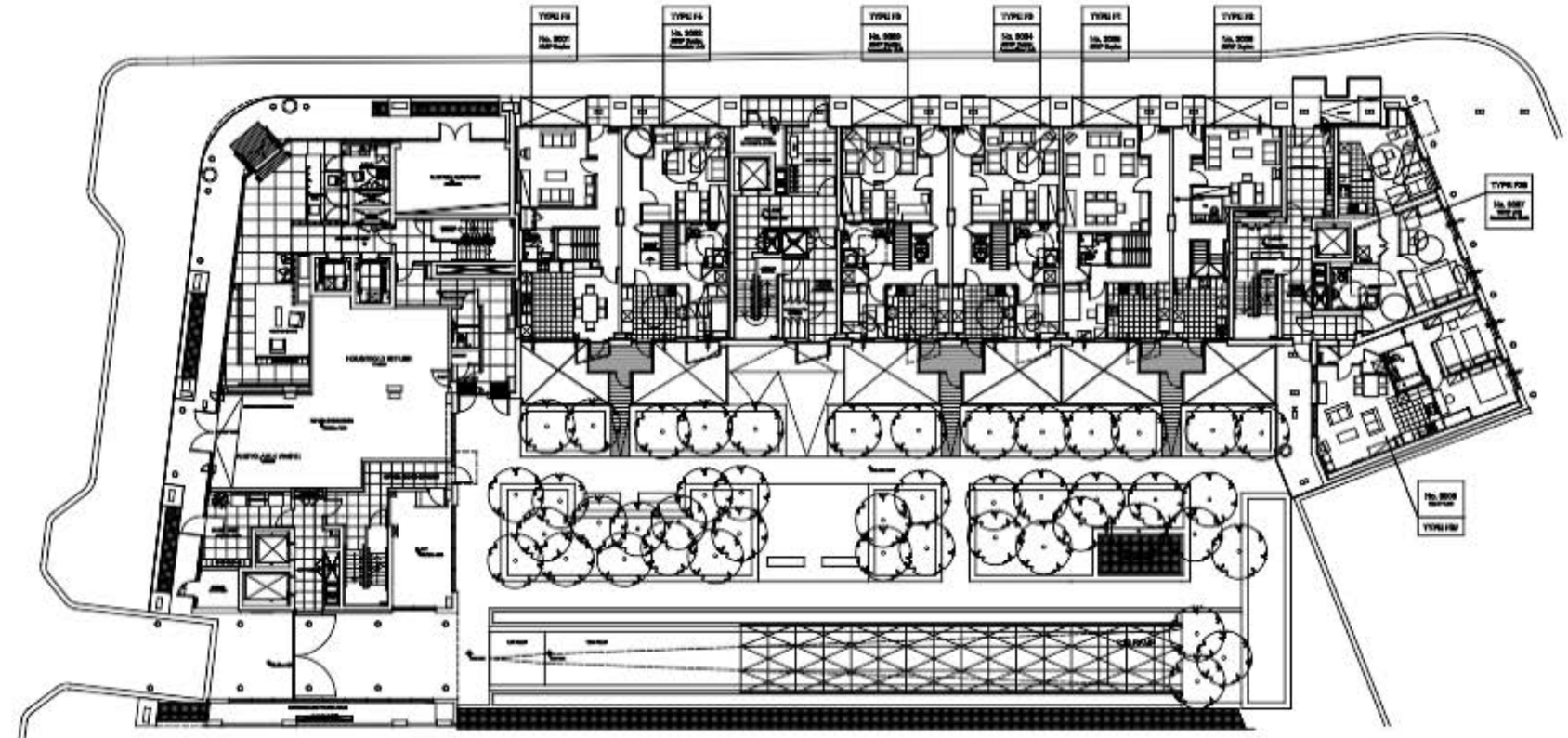
British Land

FARRELLS

REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 7 PLAN

RPC 05 107 A



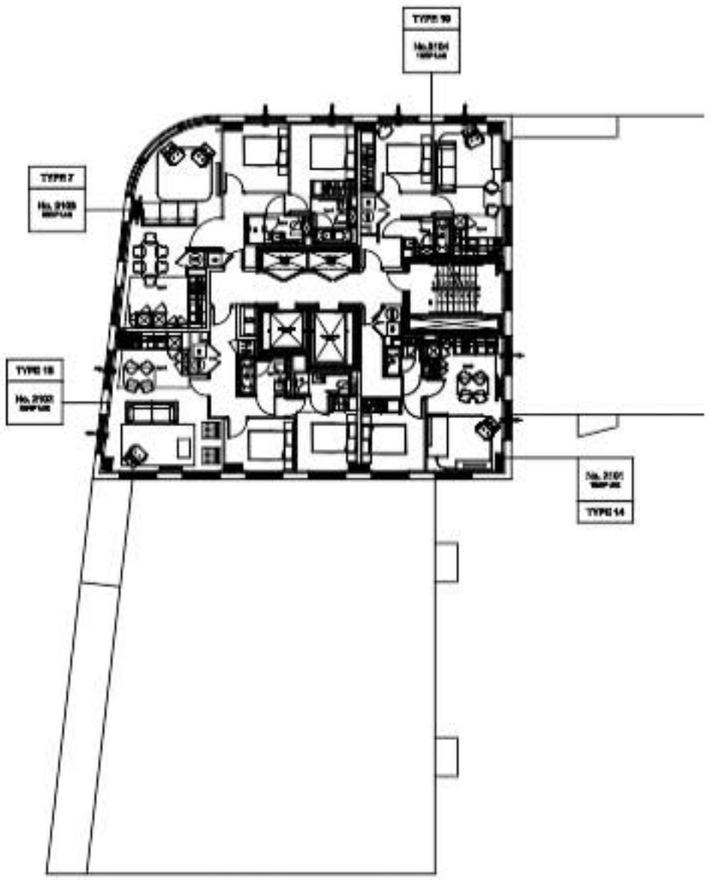
British Land

FARRELLS

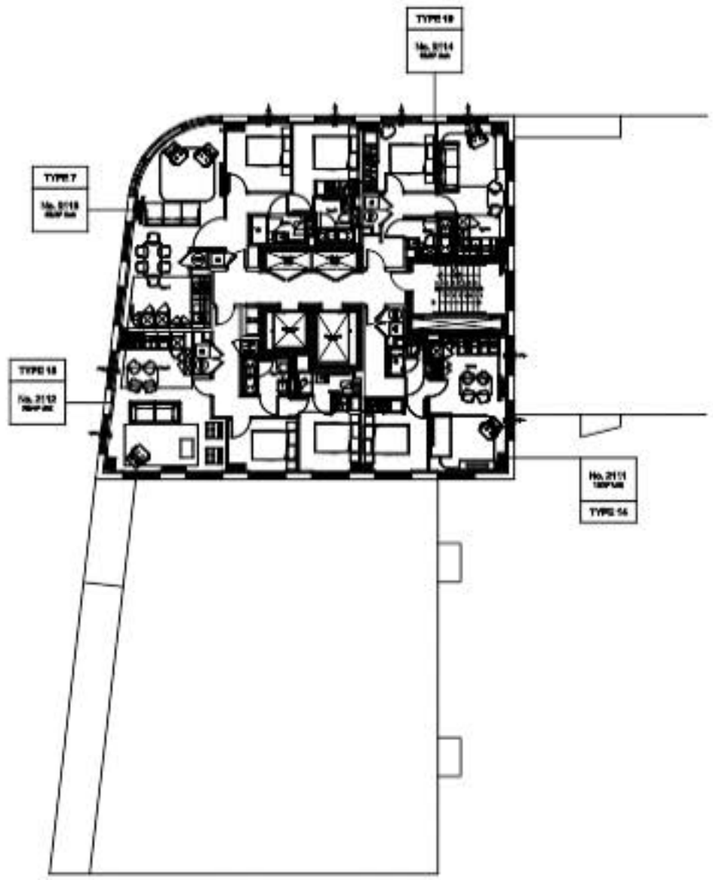
REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA LEVEL 0 PLAN
(GROUND LEVEL)

RPC 05 100 A



LEVEL 10 PLAN



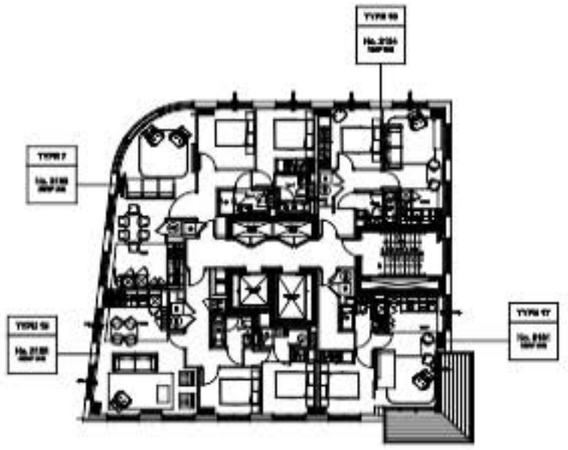
LEVEL 11 PLAN

British Land

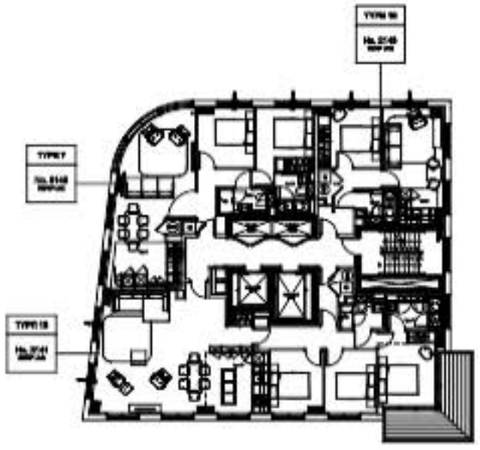
FARRELLS

REGENT'S PLACE
OSNABURGH STREET

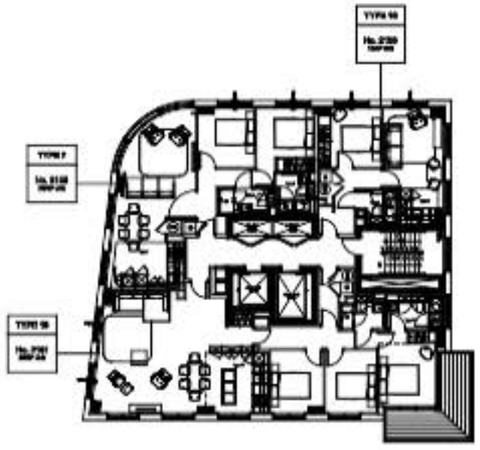
LEVEL 12 PLAN



LEVEL 13 PLAN



LEVEL 14 PLAN



LEVEL 15 PLAN

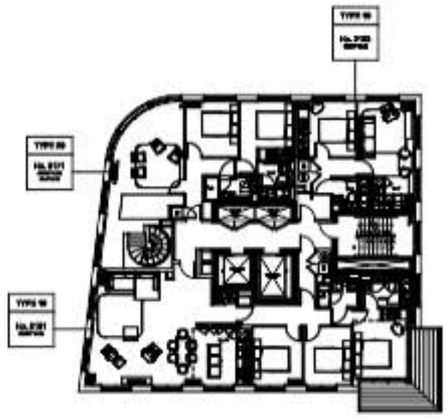
British Land

FARRELLS

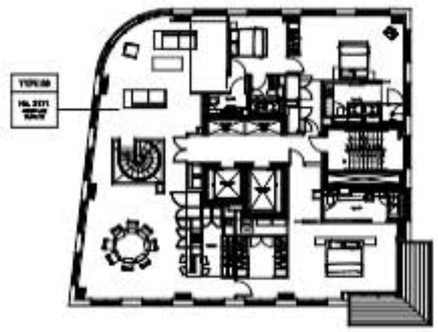
REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
GA
LEVELS 12-15 PLAN

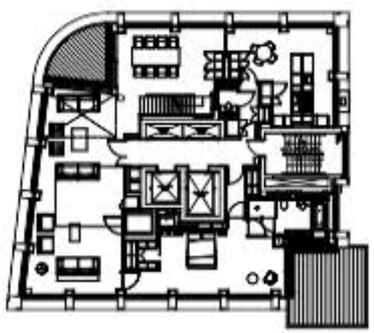
RPC 05 111 LA



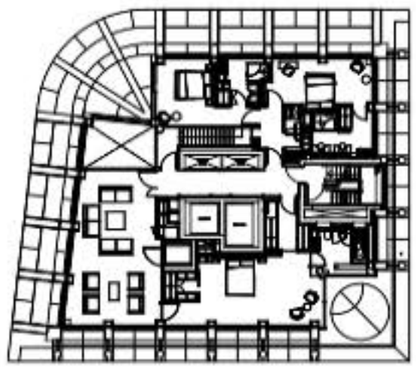
LEVEL 16 PLAN



LEVEL 17 PLAN



LEVEL 18 PLAN



LEVEL 19 PLAN

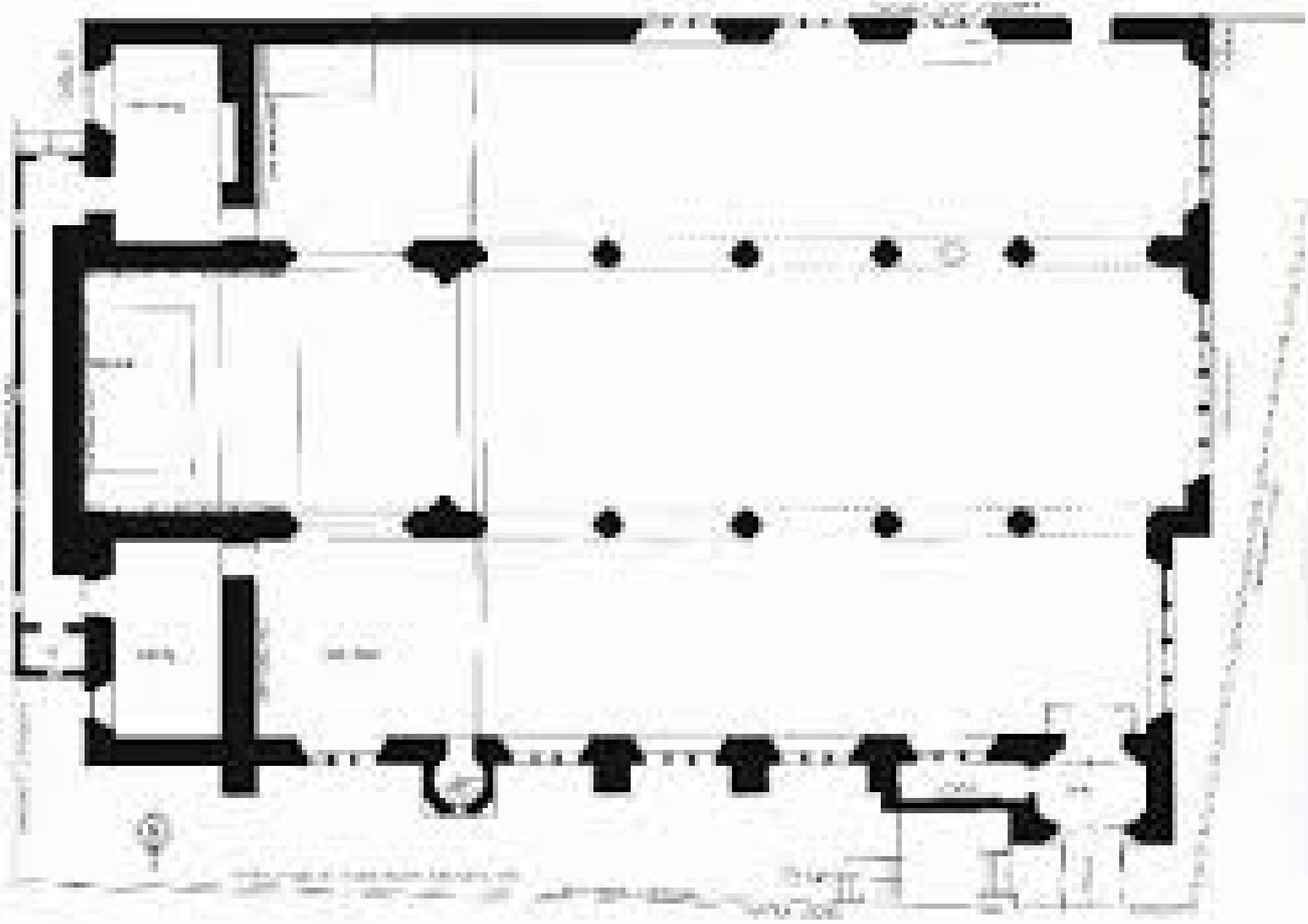
PARRELLS

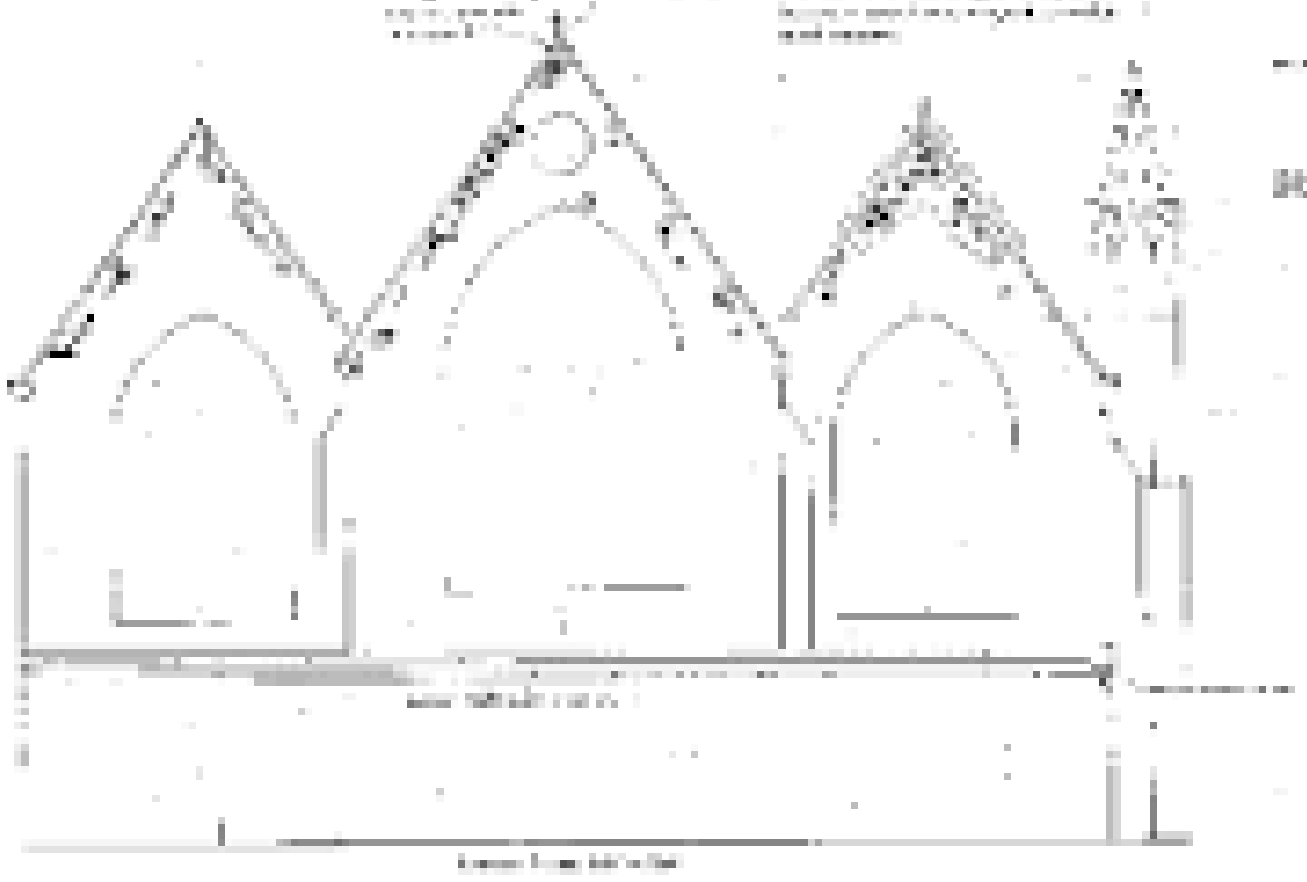
REGENT'S PLACE
OSNABURGH STREET

RESIDENTIAL BLOCK C
CA
LEVELS 16-19 PLAN

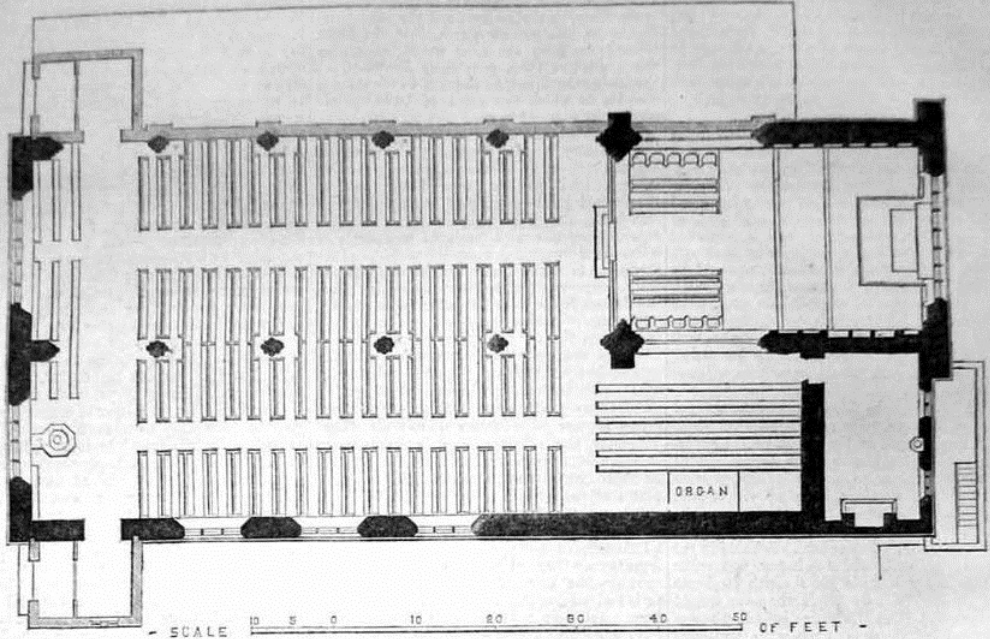
RPC 05 112 1A

St. Mary Magdalene Church

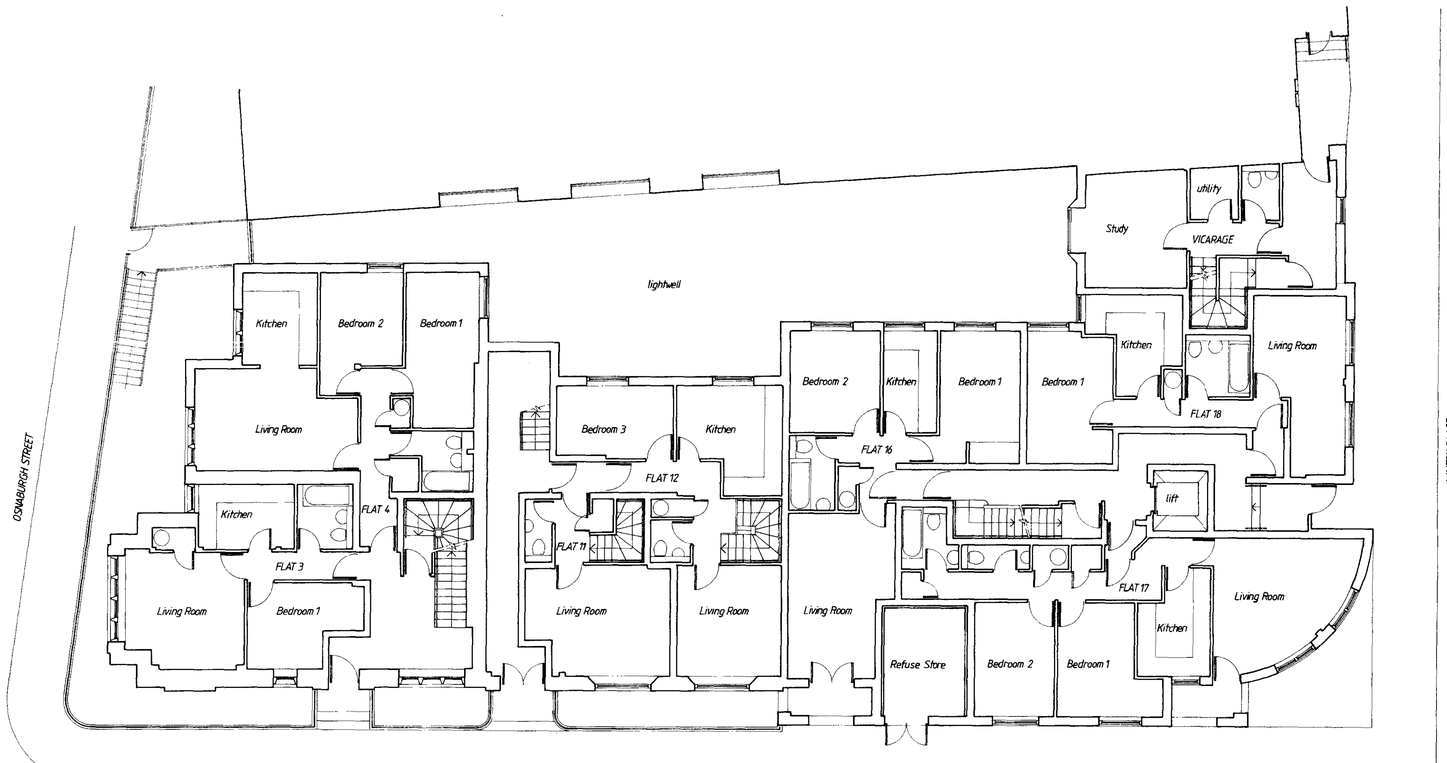




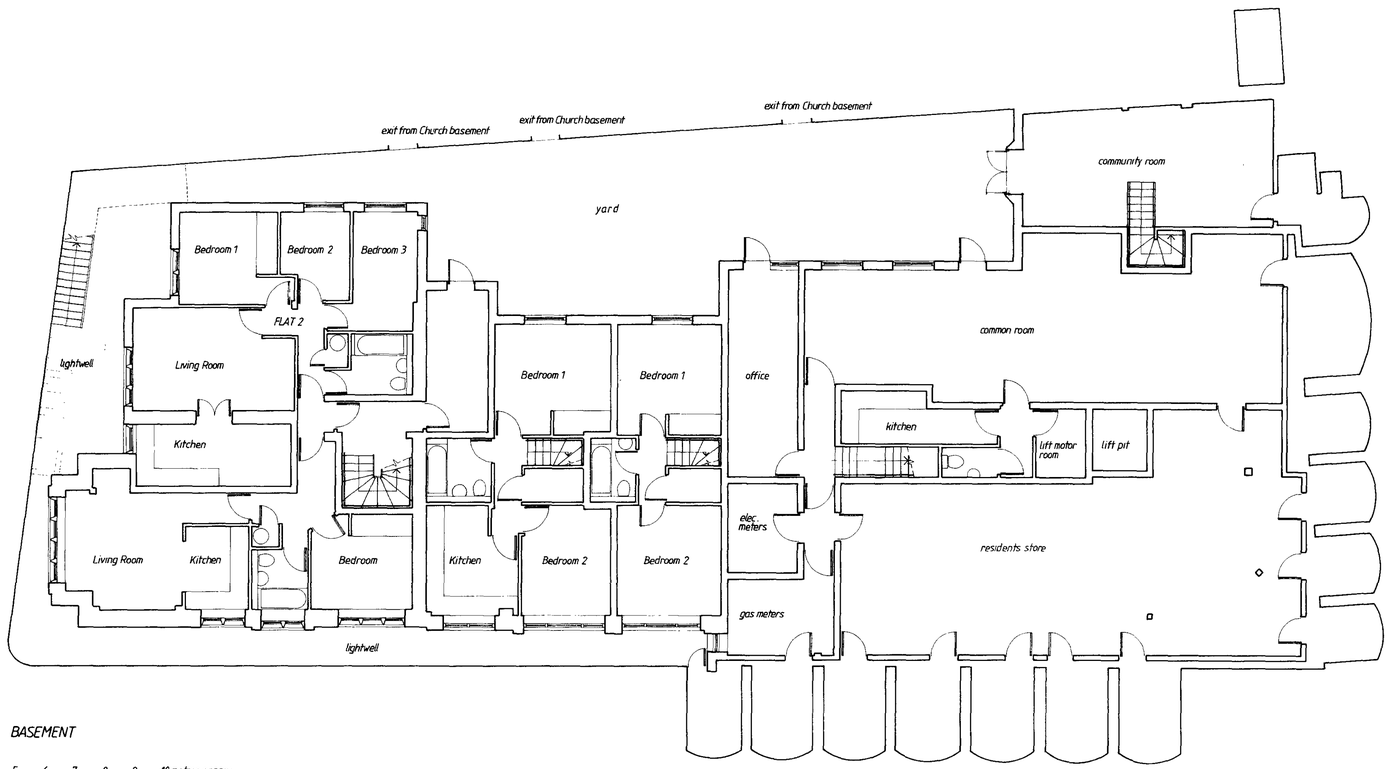
Block plan 1:750



PLAN OF CHURCH OF ST. MARY MAGDALEN, MUNSTER-SQUARE.



GROUND FLOOR



BASEMENT

0 1 2 3 4 5 6 7 8 9 10 metres approx.

Do not scale

P9704071

LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS

22 MAY 1997

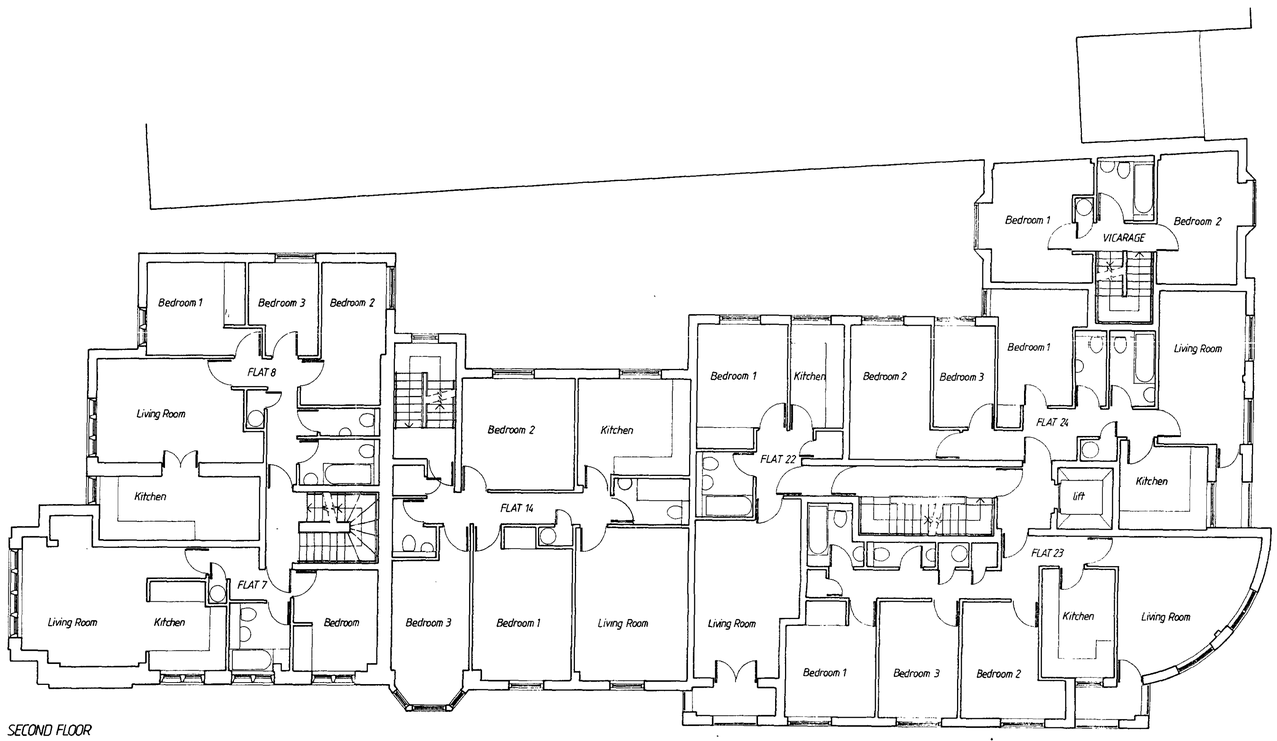
PLANS APPROVED
ON BEHALF OF THE COUNCIL

Basement & Ground Floor Plans

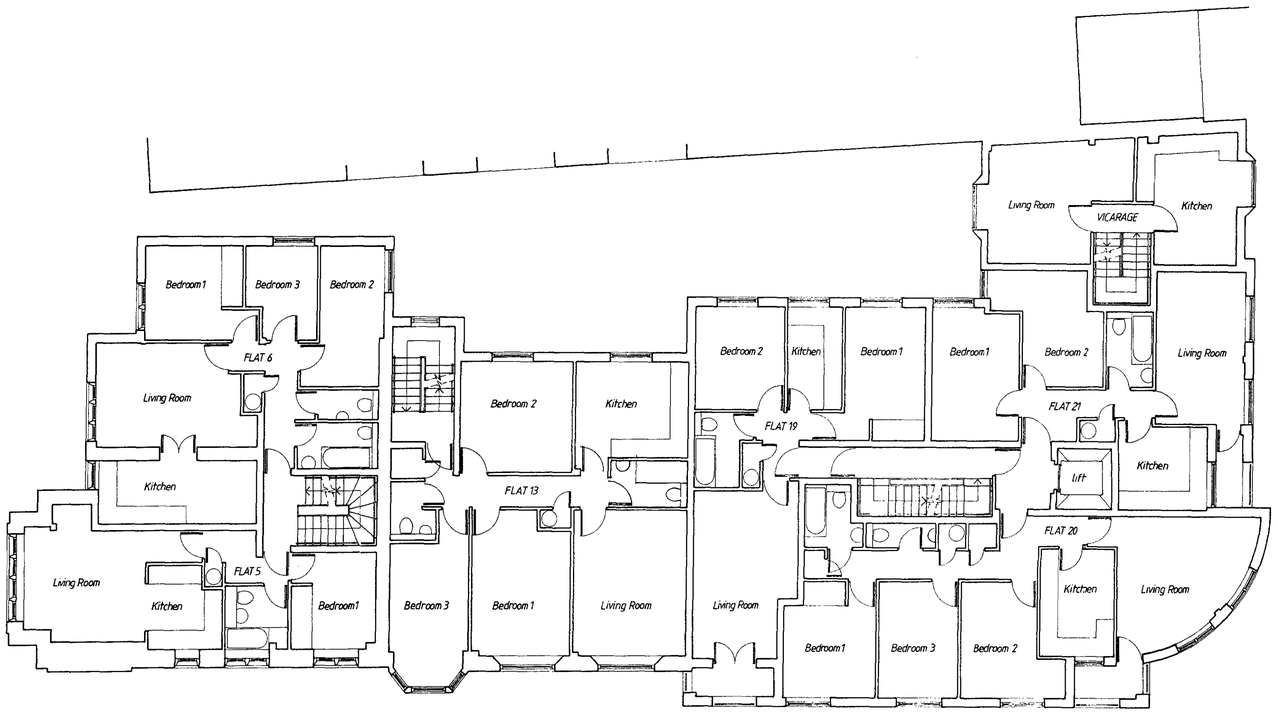
St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

381/SK13 Drawn: PH November 1996



SECOND FLOOR



FIRST FLOOR

10 metres approx

P97040711

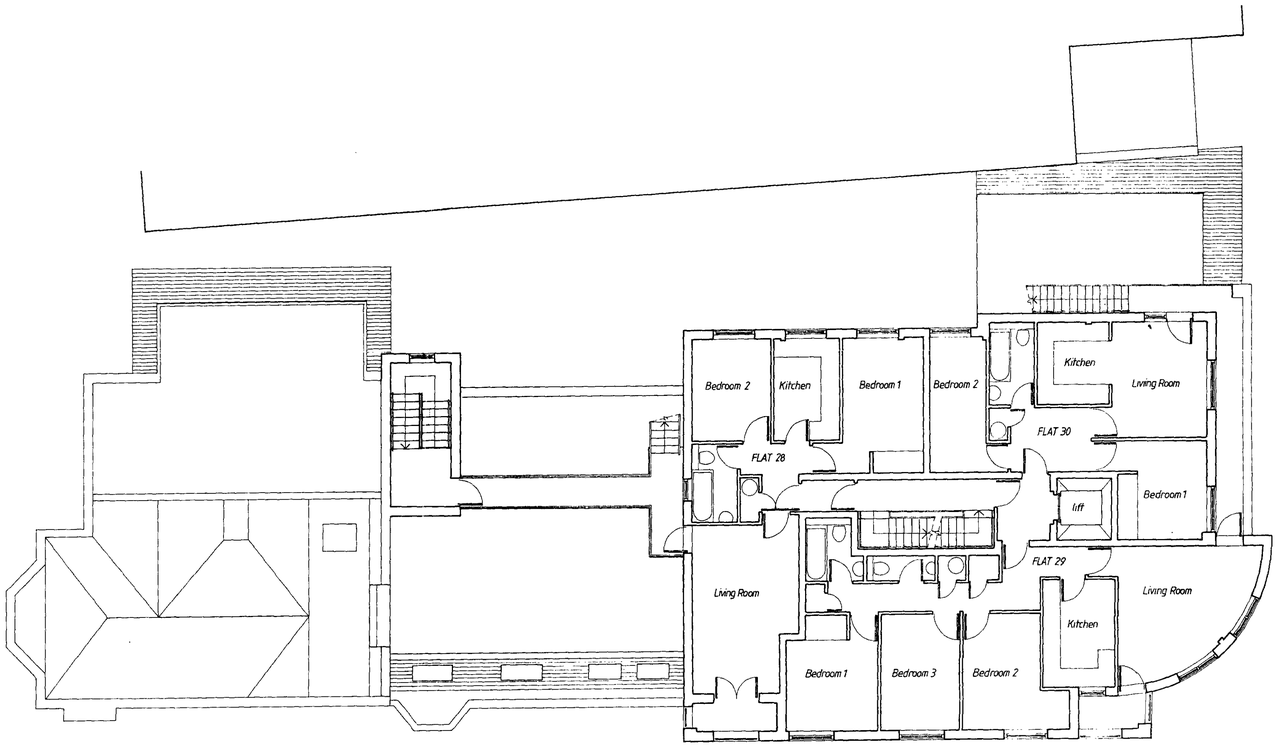
LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
22 MAY 1997
PLANS APPROVED
ON BEHALF OF THE COUNCIL

First & Second Floor Plans

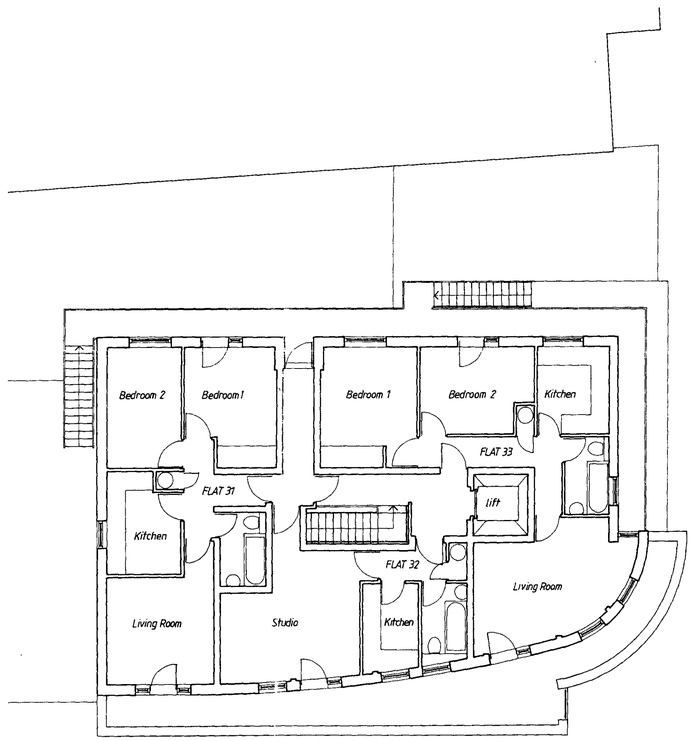
St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

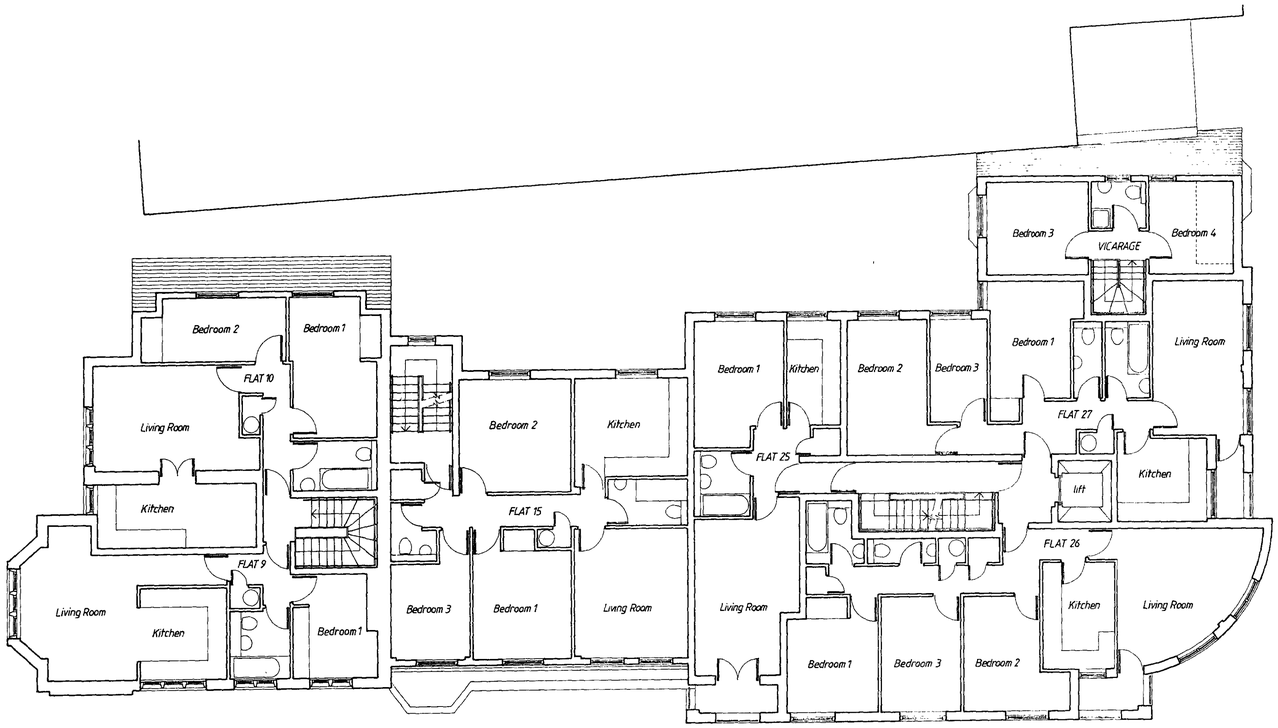
381/SK28 Drawn: PH November 1996



FOURTH FLOOR PLAN



FIFTH FLOOR PLAN



THIRD FLOOR PLAN

0 1 2 3 4 5 6 7 8 9 10 metres approx.

P9704071

LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
22 MAY 1997
PLANS APPROVED
ON BEHALF OF THE COUNCIL

Third, Fourth & Fifth Floor Plans

St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

381/SK3 B Drawn: PH November 1996

existing facade retained and refurbished

new facade

materials

(APPLIES TO ALL ELEVATIONS UNLESS NOTED OTHERWISE)

a IBSTOCK PADUANA RED FACING BRICK
b PAINTED RENDER
c EXISTING RAILINGS RETAINED
d POLYESTER POWDER COATED ALUMINIUM WINDOW FRAMES
e TIMBER DOOR/FRAME, PAINTED OR STAINED
f PAINTED STEEL BALUSTRADING

LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
22 MAY 1997
PLANS APPROVED
ON BEHALF OF THE COUNCIL

P9704071

Elevation to Longford Street

St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

381/SK4 1/100 January 1997

P9704071 F

LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
2 2 MAY 1997
PLANS APPROVED
ON BEHALF OF THE COUNCIL

Elevation to Osnaburgh Street

St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

381/SK5 *1/100* *January 1997*

P97040 71R1

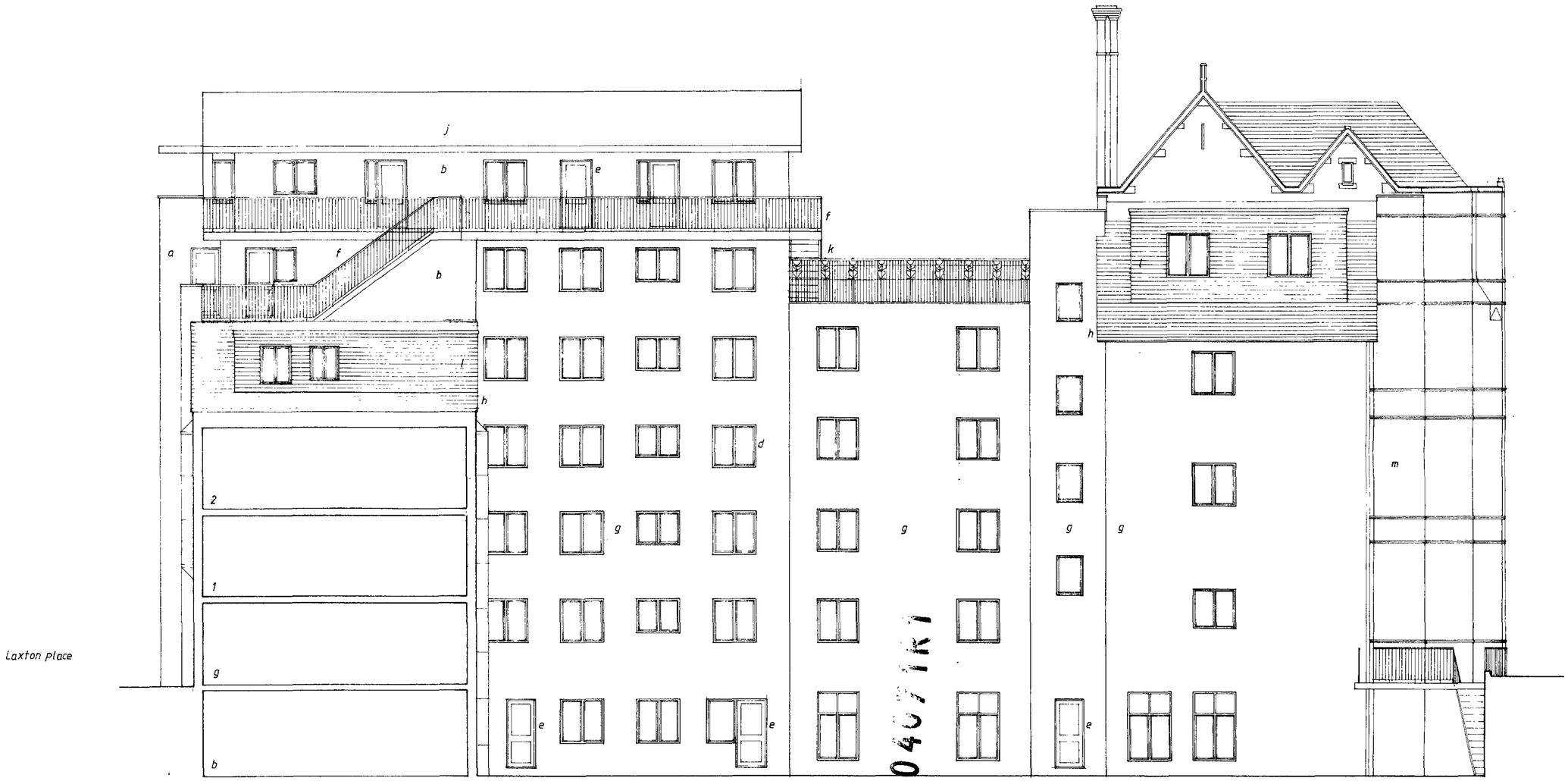
LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
PLANS APPROVED
ON BEHALF OF THE COUNCIL
22 MAY 1997

Elevation to Laxton Place

St Mary Magdelene School Site
Longford Street, London NW1

HARPER SARRAF SHEPPARD ASSOCIATES
3 IVEBURY COURT 325 LATIMER ROAD LONDON W10 6RA
TELEPHONE: 0181 960 9228 FAX: 0181 969 5132

381/SK6 A 1/100 January 1997



materials

(REFER ALSO TO MAIN KEY ON 381/SK4)

- *g* (BATTACK LEICESTER MULTI) CREAM STOCK FACING BRICKWORK.
- *h* PLAIN TILES
- *j* ASPHALT ROOF / LIGHT GREY OR ALUMINIUM COLOUR REFLECTIVE PAINT FINISH.
- *k* EXISTING RAILINGS RE USED
- *l* VERTICAL TILE HANGING TO MATCH ROOF
- *m* MATERIALS TO FOLLOW EXISTING

Internal Elevation (to Church)

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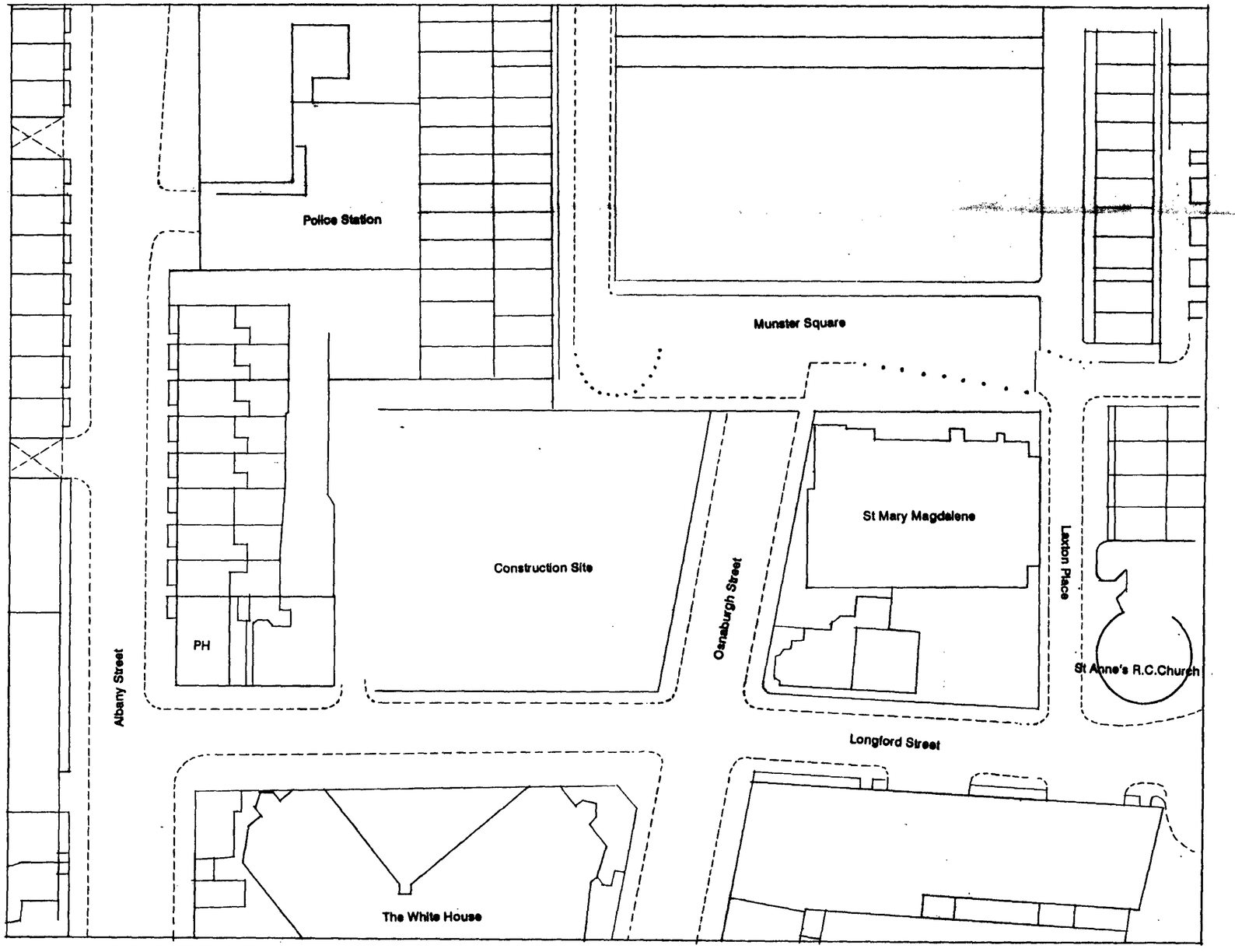
381/SK7A *1/100* *January 1997*



LONDON BOROUGH OF CAMDEN
TOWN AND COUNTRY PLANNING ACTS
22 MAY 1997
PLANS APPROVED
ON BEHALF OF THE COUNCIL

DOUGLAS PASKIN ASSOCIATES

ST MARY MAGDALENE-LONGFORD STREET

LOCATION PLAN

Scale	Date	Drawn	Job No.	Drawing No.	Revision
1:500	SEPT'92	CS	455	AP (P-) 08	

7 Cliff Road Studios London NW1 9AN tel 071 485 1114 fax 071 485 9753

ADDRESS

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THE WHITEHOUSE

BELVEDERE ROAD

LONDON SE1 8GA

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CONTACT

.

TEL 020 7202 1400

FAX 020 7202 1401

MAIL@GIA.UK.COM

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WWW.GIA.UK.COM