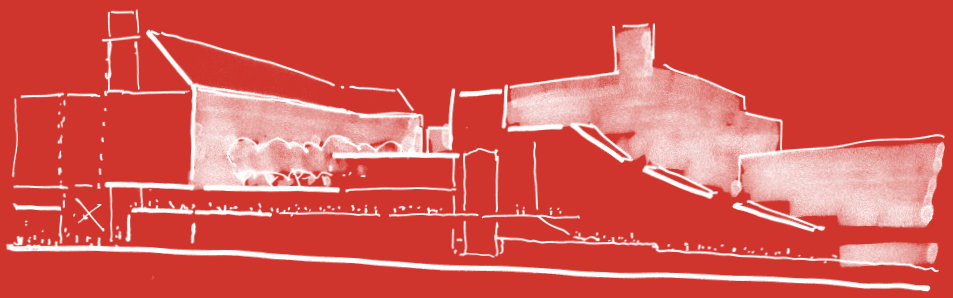
The British Library Extension
January 2022

Daylight & Sunlight Non-Technical Summary



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gia CHARTERED SURVEYORS

DAYLIGHT & SUNLIGHT

NON-TECHNICAL SUMMARY REPORT

British Library

British Library and SBML Developments Ltd

January 2022

GIA No: **10445**

PROJECT DATA:

Client	**British Library and SBML Developments Ltd**
Architect	**Rogers Stirk Harbour + Partners**
Project Title	**British Library**
Project Number	**10445**

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DISCLAIMER:

This report has been prepared for British Library and SBML Developments Ltd by GIA as their appointed Daylight & Sunlight consultants. It is accurate as at the time of publication and based upon the information we have been provided with as set out in the report. It does not take into account changes that have taken place since the report was written nor does it take into account

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APPENDICES (BOUND SEPARATELY)

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1 EXECUTIVE SUMMARY

GIA have assessed the "Proposed Development" for the British Library extension to the north of the British Library to understand the potential changes in light to the relevant surrounding properties.

1.1 GIA have been instructed by British Library and SBML Developments Ltd to provide daylight and sunlight advice in relation to the British Librarydevelopment in the London Borough of Camden. The development to the north of the British Library's existing Grade I listed building will create an additional new space for learning, exhibitions and public use and a bespoke headquarters for the Alan Turing Institute. The development will also include new commercial space, close to the amenities and transport links of King's Cross and St Pancras.

1.2 GIA have undertaken a technical Daylight, Sunlight and Overshadowing Assessment of the Proposed Development to understand the potential effect of the development on the daylight and sunlight amenity of the relevant neighbouring properties. This report is written to accompany the Environmental Statement produced by GIA and should therefore be read in conjunction with the daylight and sunlight chapter.

1.3 The daylight and sunlight analysis has been considered by reference to the criteria and methodology within the Building Research Establishment Guidelines (2011), which when published, recognised that they should not form a mandatory set of criteria, rather should be used to help and inform design.

1.4 GIA have assessed three key residential properties neighbouring the site:

- Chamberlain House,
- Hadstock House,
- Levita House.

1.5 Owing to the orientation of Hadstock House (does not contain any site facing windows within 90 degrees of due south), this building is not considered sensitive to sunlight alterations as a result of the Proposed Development and has therefore been assessed for daylight only.

1.6 Within the above three properties, 492 windows have been assessed. Upon implementation of the Proposed Development, 302 (61.4%) will comply with the suggested values set out within the BRE Guidelines for the Vertical Sky Component ('VSC') methodology. In relation to No Sky Line ('NSL'), a room based daylight assessment, 330 rooms have been assessed. Of these 330 rooms, 250 (75.8%) will be compliant.

1.7 In addition, 82 windows within Chamberlain House and Levita House have been assessed for sunlight. With the Proposed Development built, all 82 (100%) windows will be compliant with the Annual Probable Sunlight Hours ('APSH') methodology.

1.8 These assessments were completed in accordance with the national numerical values identified in paragraphs 2.2.21 and 3.2.11 of the BRE handbook for daylight and sunlight.

1.9 The methodologies and the resultant BRE daylight and sunlight recommendations are also predicated upon this suburban model.

1.10 The Guidance provided by the BRE is not mandatory and it is principally proposed to aid the architects and planners in achieving good site design. In more densely developed urban locations and urban areas such as this site, which is located in a Major Centre as designated by the London Plan, the technical specifications recommended by the BRE Guidelines need to be treated with care and the intended flexibility as noted within the Guide itself.

1.11 In the context of the above, relevant planning policy guidance, such as the National Planning Policy Framework and the London Plan state that a flexible approach should be taken when applying guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site.

1.12 National and local planning guidance (as noted in Section 03 of this report), strongly promotes the adoption of contextual analysis as a means to arriving at appropriate levels of amenity, including daylight and sunlight. It requires results to be considered against the context of similar locations and typologies of development in the relevant borough and across London.

1.13 It should also be kept in mind that this site is allocated for development (Site 5) under Camden's adopted site allocations document and emerging policy. Therefore, there is a clear expectation for a development to come forward on this site that efficiently utilises the land.

1.14 Therefore, local context and policy must be the primary consideration in terms of evaluating daylight and sunlight impacts.

1.15 This contextual approach has been considered in recent Planning appeals, such as The Whitechapel Estate appeal within Tower Hamlets (Appeal Ref: APP/E5900/W/17/3171437). The decision document states:

> *"112. The figures show that a proportion of residual Vertical Sky Component ('VSC') values in the mid-teens have been found acceptable in major developments across London. This echoes the Mayor's endorsement in the pre-SPG decision at Monmouth House, Islington that VSC values in the mid-teens are acceptable in an inner urban environment."*

1.16 Given the dense urban context that both the Whitechapel Estate and the site have in common, we would consider that a mid-teen level of VSC would also be appropriate for this site.

1.17 When considering the results as detailed within this report and the associated ES Chapter, it is our opinion therefore, that the Proposed Development is appropriate in its context and the changes in daylight and sunlight do not cause unacceptable harm to the relevant surrounding properties.

Figure 01: Site shown within context

2 THE SITE

GIA have been instructed to review and advise on the daylight and sunlight impacts associated with the implementation of the Proposed Development for the British Library extension.

THE SITE

2.1 The Site is located in the London Borough of Camden and sits to the north/north-west of the British Library, a Grade I listed building.

2.2 Figure 02 below illustrates the Site. Further drawings are enclosed at Appendix 02 of this report.

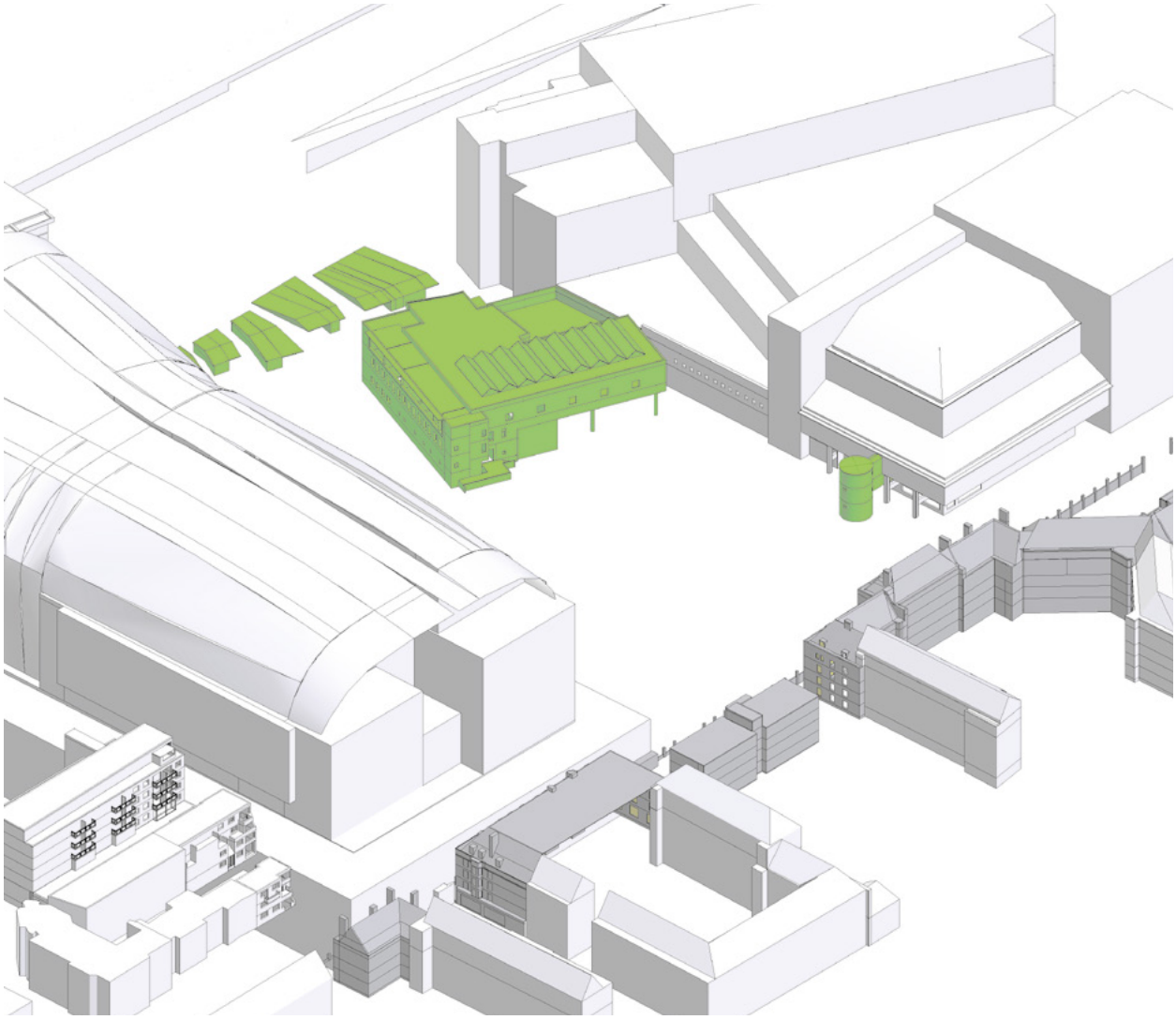

Figure 02: Existing Site Condition

PROPOSED DEVELOPMENT

2.3 The development to the north of the British Library's existing Grade I listed building will create additional. of new space for learning, exhibitions and public use and a bespoke headquarters for the Alan Turing Institute. The development will also include new commercial space, close to the amenities and transport links of King's Cross and St Pancras.

2.4 GIA's understanding of the Proposed Development is illustrated in Figure 03 and further drawings are enclosed at Appendix 02.

2.5 We would also note that the current proposal is set back away from the surrounding residential properties when compared to historic development applications on this site.

2.6 While the scheme noted within the historic application has lapsed and cannot be considered as a scenario baseline, this has been a consideration during the design phase. By comparison the current scheme proposal looks to create open space between the residential receptors to create a positive visual amenity but also to help respect daylight and sunlight within the current proposed scheme.

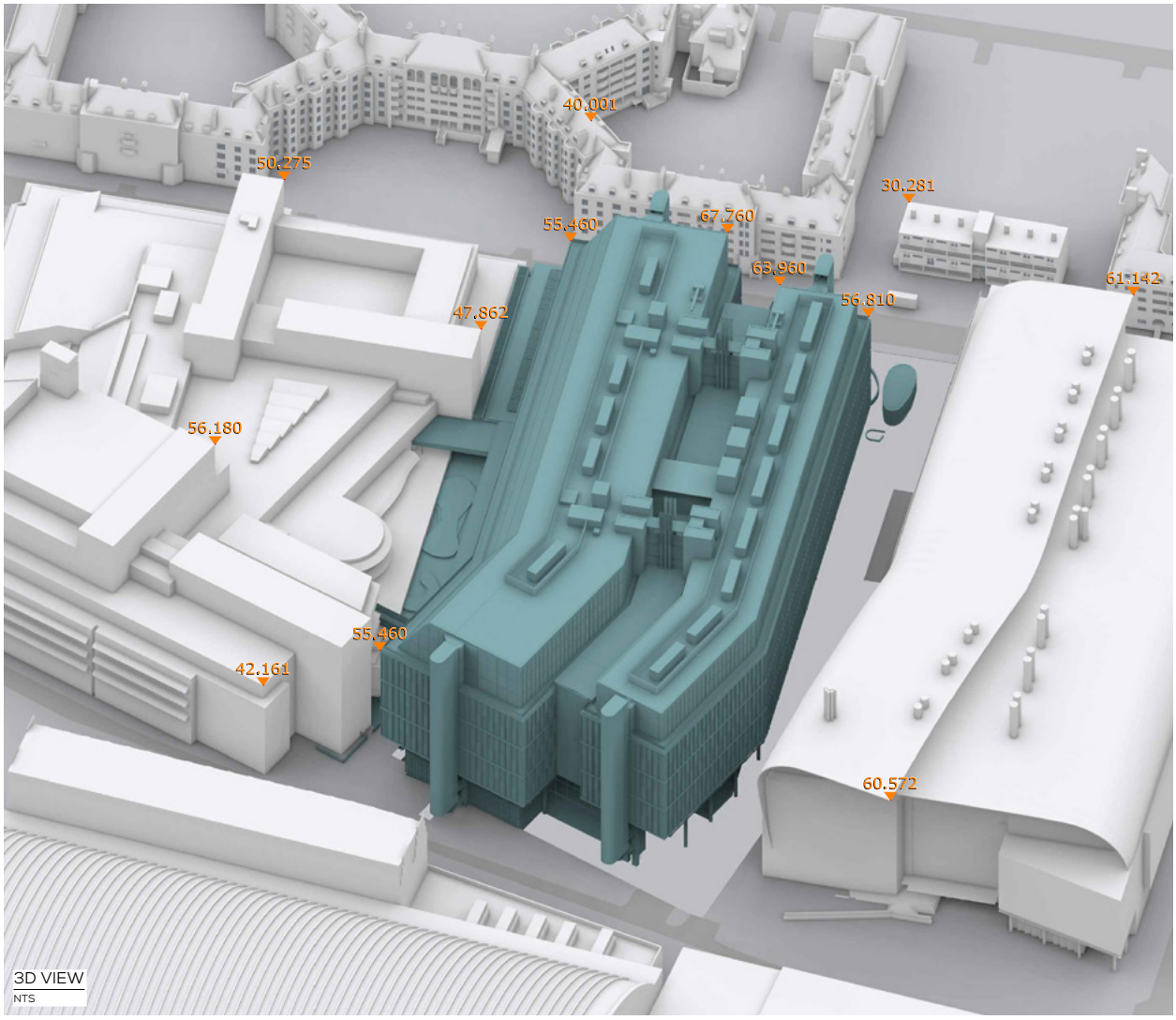

Figure 03: Proposed Site Condition

3 POLICY & THE WIDER CONTEXT

3.1 Below we have detailed sections from the following documents as they are, in our opinion, the most pertinent in relation to daylight and sunlight matters and how we have approached the effects of the Proposed Development on the relevant neighbouring properties:

- National Planning Policy Framework (NPPF) (February 2019) (Ministry of Housing Communities and Local Government (MHCLG));
- National Planning Practice Guidance (NPPG) (updated October 2021) (MHCLG);
- The London Plan – (March 2021) (Greater London Authority);
- Sustainable Design and Construction Supplementary Guidance (2014); and
- Adopted Camden Planning Guidance: Amenity, January 2021

NATIONAL PLANNING POLICY FRAMEWORK (2021)

3.2 he NPPF (2021) states that local planning authorities should refuse applications which they consider fail to make efficient use of land. The discussion in relation to daylight and sunlight highlights the Government's recognition that increased flexibility is required in response to the requirement for higher density development.

NATIONAL PLANNING PRACTICE GUIDANCE (UPDATED 2021)

3.3 In light of the update to the Government's Planning Practice Guidance, we have considered the relevant paragraphs on daylight and sunlight.

3.4 Paragraph 6 of the NPPG (Ref ID: 66-006-20190722) acknowledges that new development may cause an impact on daylight and sunlight levels enjoyed by neighbouring occupiers. It requires local authorities to assess whether the impact to neighbouring occupiers would be "unreasonable".

THE LONDON PLAN (MARCH 2021)

3.5 The London Plan was published in March 2021 and sets out the integrated economic, environmental, transport and social framework for the development of London over the next 20-25 years.

3.6 Part D of Policy D6 (Housing Quality and Standards) states that the design of development "should provide sufficient daylight and sunlight to new and surrounding housing that is appropriate for its context, whilst avoiding overheating, minimising overshadowing and maximising the usability of outside amenity space."

3.7 It is clear that the GLA's focus is on sufficient or retained daylight and sunlight to neighbouring properties and highlights that context will be a consideration to determine sufficiency.

SUSTAINABLE DESIGN & CONSTRUCTION SUPPLEMENTARY PLANNING GUIDANCE (2014)

3.8 Section 2.3 of the SPG provides guidance on key areas such as site layout and micro-climate in relation to site layout and building design.

3.9 With regard to site layout, paragraph 2.3.6 refers to measures to reduce carbon dioxide emissions "include enabling access to daylight and sunlight for uses that require [light]." In addition, the guidance states that "site planning can minimise the impact of the shadow created by the new buildings to protect existing features such as open space and renewable solar technologies on roofs." It goes on to say that "developers should ensure the layout of their site and buildings maximises the opportunities provided by natural systems, such as light."

3.10 Paragraph 2.3.8 of the SPG continues with effects on the micro-climate caused by new buildings which include "overshadowing and reducing access to sunlight."

CAMDEN PLANNING GUIDANCE: AMENITY (JANUARY 2021)

3.11 This document summaries the KEY MESSAGES as follows:

- The Council expects applicants to consider the impact of development schemes on daylight and sunlight levels. Where appropriate a daylight and sunlight assessment should submitted which should follow the guidance in the BRE's Site layout planning for daylight and sunlight: A guide to good practice.

- The 45 degree and 25 degree tests cited in the BRE guidance should be used to assess ('screen') whether a sunlight and daylight report is required.
- Levels of reported daylight and sunlight will be considered flexibly taking into account site-specific circumstances and context.
- The Council may seek independent verification of sunlight and daylight reports if necessary.

3.12 The following paragraphs then specifically focus on the flexible consideration of daylight and sunlight

3.13 *The Council notes the intentions of the BRE document is to provide advice to developers and decision makers and therefore it should be regarded as a guide rather than policy.*

3.14 *While we support the aims of the BRE methodology for assessing sunlight and daylight we will consider the outcomes of the assessments flexibility where appropriate, taking into account site specific circumstances and context. For example, to enable new development to respect the existing layout and form in some historic areas, or dense urban environments, it may be necessary to consider exceptions to the recommendations cited in the BRE guidance. Any exceptions will assessed on a case-by-case basis.*

CAMDEN SITE ALLOCATION

3.15 The Proposed Development is an allocated site in the Adopted Local Plan C (Site 5) and is within an emerging site allocation (IDS 19) which specifically notes the site as a a site for development and therefore a building at this location has been accepted in principle through the adoption of planning policy.

4 BRE GUIDELINES & CONTEXT METHODOLOGY

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

BUILDING RESEARCH ESTABLISHMENT GUIDELINES 2011

4.1 The BRE Guidelines note that the document is intended to be used in conjunction with the interior daylight recommendations and The Applications Manual on Window Design of the Chartered Institution of Building Services Engineers (CIBSE).

4.2 The BRE Guidelines provides three methodologies for daylight assessment of neighbouring properties, namely;

1. The Vertical Sky Component (VSC);
2. The No Sky Line (NSL); and
3. The Average Daylight Factor (ADF).

4.3 For daylight to be compliant (in accordance with figure 20 of the Guide), both the VSC and NSL tests have to be met.

4.4 The BRE Guidelines suggest that the ADF assessment should only be used to "check that adequate daylight is provided in new rooms", rather than existing buildings.

4.5 There is one methodology provided by the BRE Guidelines for sunlight assessment, denoted as Annual Probable Sunlight Hours (APSH).

4.6 It is an inevitable consequence of the built-up urban environment that daylight and sunlight will be more limited in dense urban areas. It is well acknowledged that in such situations there may be many planning and urban design matters to consider other than daylight and sunlight.

4.7 The BRE Guidelines provide alternative assessments to better understand the impact on a neighbouring property in such situations. The relevant assessments for the purpose of this report are detailed within the BRE Guidelines and summarised below.

4.8 The BRE Guidelines provide an alternative assessment where there are existing windows with balconies above them. This test determines whether it is the presence of the existing balcony that is the reason for the large relative impact on daylight (VSC).

4.9 Appendix 02 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.

CONTEXT METHODOLOGY

4.10 To establish whether a change in daylight to a residential surrounding property is contextually appropriate, as stated within the London Plan, we have considered an alternative target as cited in the BRE Guidelines. As noted within the Inspector's decision for The Whitechapel Estate appeal, a retained VSC value within the 'mid-teen' range would be appropriate in this urban context.

4.11 For the purposes of this report any retained value of 15% VSC or above has been considered as adhering to the 'mid-teen' value range.

5 DAYLIGHT & SUNLIGHT IMPACTS TO NEIGHBOURING PROPERTIES

This section details the daylight and sunlight impacts in relation to the relevant properties neighbouring the Site.

5.1 A three-dimensional computer model of the Site and surrounding properties was produced to carry out the relevant technical studies. All relevant assumptions made in producing this model can be found in Appendix 01.

SURROUNDING PROPERTIES

5.2 GIA have identified the following properties as relevant for daylight and sunlight assessment:

- Chamberlain House,
- Hadstock House,
- Levita House.

5.3 As mentioned in the earlier sections of this report, Hadstock House did not have any windows relevant for sunlight assessment. In assessing the remaining two properties for sunlight, all windows within them remain BRE compliant for APSH with the proposal built. Sunlight will therefore not be discussed further, and the focus of this report will be on daylight, which is discussed in the following sections. All results can be found in Appendix 03.

DISCUSSION OF RESULTS

Chamberlain House

5.4 This is a block of flats located to the north-west of the development site as highlighted in Figure 04. The east and south facing elevations of this property have been assessed, with the east facing façade defined by recessed access decks. We were not able to find floorplans for this property, so it was modelled on the basis of assumed layouts.

5.5 Within this block of flats, we have assessed 43 windows serving 27 rooms. When assessed against both the VSC and NSL methodologies, 25 of the 27 rooms (92.6%) meet the BRE criteria for both.

5.6 The ES chapter summarises the daylight results for this property with two instances of moderate to major adverse impacts, however these are unlikely to result in a noticeable reduction in daylight. Owing to this fact and to the high level of BRE Guideline compliance, the effect is considered minor adverse (not significant).

5.7 Looking at VSC in isolation, all 43 windows (100%) assessed meet BRE criteria.

5.8 In relation to NSL, 25 of 27 rooms assessed (92.6%) meet BRE criteria. The two remaining rooms are of unknown use situated on the second floor. Their existing NSL values are low in the existing, 22% and 25.8% respectively, which reduce to 13.9% and 11.8% with the proposed scheme in place. This represents percentage reductions of 37% and 54.5%. From a review of the location of these rooms, it is evident both sit behind deep recesses which limits the amount of sky visible within the room. This is further demonstrated by the very low existing VSC levels to the windows serving these two rooms, which are 1.7% and 1.2% respectively.

5.9 As the existing light levels are already very low to these rooms due to the position behind a deep recess, GIA do not believe the daylight amenity will be unduly harmed by the proposed development at this location.

		VERTICAL SKY COMPONENT					
		WINDOW			LOSS		
PROPERTY	**SCENARIO**	**TOTAL**	**PASS**	**COMP.(%)**	**20%-30%**	**30%-40%**	**40%+**
CHAMBERLAIN HOUSE	EvP	43	43	100.0%	0	0	0
	No Balconies	43	43	100.0%	0	0	0

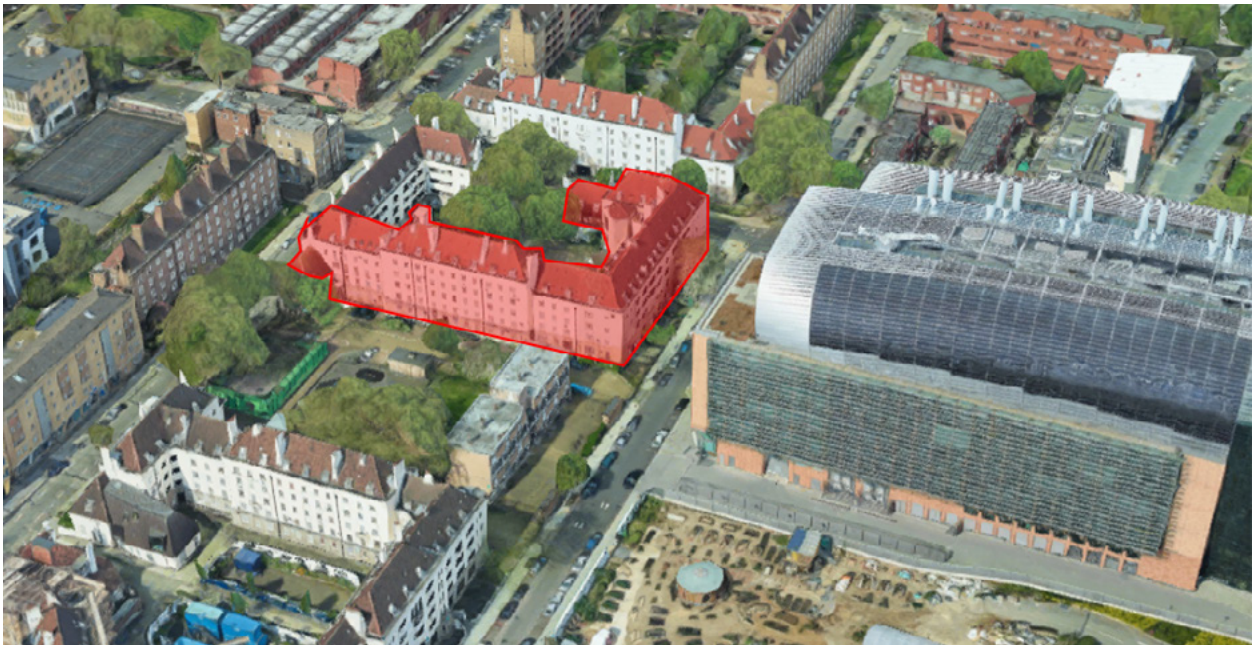

Figure 04: Chamberlain House

Hadstock House

5.10 This is a block of maisonette flats located to the west of the development site as highlighted in Figure 05. The east facing elevation of this property has been assessed, which is defined by recessed access decks. We were able to source floorplans for this property from online sources which were used within our modelling.

5.11 Within this block of flats, we have assessed 62 windows serving 24 rooms. When assessed against both the VSC and NSL methodologies, none of the rooms assessed meet the BRE criteria for both.

5.12 The ES chapter summarises the daylight results for this property with instances of impacts ranging from negligible to major adverse. However, the moderate and major impacts are primarily limited to windows which see disproportionate alterations owing to their obstruction in the baseline resulting in changes which may not be perceptible. Those windows retaining 15% VSC would be considered to be acceptable within a central London location. Therefore, the effect is considered to range from negligible (not significant) to moderate adverse (significant).

5.13 Looking at VSC in isolation, four of the 62 windows (6.5%) assessed meet BRE criteria. Of the remaining 58 windows, 28 experience a VSC reduction of between 20-30%, 16 experience a reduction of between 30-40% and 14 experience a reduction in excess of 40%. Of the 58 windows, 24 will continue to receive in excess of 15% VSC which is, in our opinion, commensurate with daylight levels expected in a context such as this.

5.14 Of the 34 windows that retain less than a 15% VSC, 12 are believed to serve kitchens and the remaining 22 are believed to serve bedrooms. In the existing scenario, 14 of these windows already experience below 15% VSC. Where lower existing daylight levels are seen, it is common for percentage alterations to appear exaggerated when in fact the actual daylight loss may be small, as is the case for a number of windows within Hadstock House.

5.15 In relation to NSL, 20 of 24 rooms assessed (83.3%) meet BRE criteria. The four remaining rooms, two kitchens and two bedrooms, are situated on the ground, first and second floors. Three of the four rooms experience minor losses just in excess of the BRE recommended 20% (21.9-25.1%). Three of these rooms sit on the northern end of the building, closest to the Francis Crick Institute, which will mean their outlook is more restricted when the proposed building is then also in situ. The final room is situated on the southern end of the building, is understood to serve a bedroom, and experiences an NSL reduction of 21.9%, marginally beyond BRE guidance.

5.16 In addition to above assessment, GIA have undertaken a 'no balconies' assessment. The presence of overhanging balconies and walkways on a number of the neighbouring properties impose an unfair burden on development by limiting the amount of sky visibility to the window positioned beneath. Where windows are recessed, the point of assessment is brought forward to create a flush façade, or where a projecting balcony exists, this is removed for the assessment. The BRE in section 2.2.11 states;

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

5.18 Looking at the VSC values for the 62 windows in this 'no balcony' assessment, five (8.1%) meet BRE criteria. When looking at the percentage VSC alterations without the protruding walkways in place, a much higher percentage of windows experience minor losses of between 20-30%. In comparison to the scenario where these protruding walkways are in place, 14 windows experienced a loss in excess of 40%, which falls to only two windows with the protruding walkways removed. This demonstrates the burden that protruding walkways/balconies and recessed windows can have on neighbouring developments owing to their increased sensitivity due to these architectural features. In this scenario, both of these windows are understood to serve bedrooms, which are considered less sensitive than other primary living space.

5.19 Based on the no balconies assessment and the fact that the primary living space within these flats faces away from the site, we do not believe the proposed development will cause undue harm to the daylight amenity within this property.

		VERTICAL SKY COMPONENT					
		WINDOW			LOSS		
PROPERTY	**SCENARIO**	**TOTAL**	**PASS**	**COMP.(%)**	**20%-30%**	**30%-40%**	**40%+**
HADSTOCK HOUSE	EvP	62	4	6.5%	28	16	14
	No Balconies	62	5	8.1%	38	17	2

Figure 05: Hadstock House

Levita House

5.20 This is a large block of flats located to the south-west of the development site as highlighted in Figure 06. The north and east facing elevations of this property have been assessed, including all relevant site-facing windows within the courtyard of this property. We were not able to find floorplans for this property at the time of carrying out the assessment, therefore it was modelled on the basis of assumed layouts.

5.21 Within this block of flats, we have assessed 387 windows serving 279 rooms. When assessed against both the VSC and NSL methodologies, 165 of the 279 rooms (59.1%) meet the BRE criteria for both.

5.22 The ES chapter summarises that owing to the retained levels of VSC, with most of the major adverse impacts occurring to windows with low baseline values, therefore resulting in disproportionate percentage changes, and only five isolated windows seeing major VSC impacts and which would not retain mid teen range levels of VSC (on a no balconies basis), the effect to this building is considered negligible (not significant) to moderate adverse (significant).

5.23 Looking at VSC in isolation, 255 of the 387 windows assessed (65.9%) will meet BRE criteria. Of the remaining 132 windows, 26 experience VSC losses of between 20-30%, 36 experience losses of between 30-40% and 70 windows experience losses in excess of 40%. In terms of retained VSC levels, 89 windows will retain less than 15% and 43 windows will retain a VSC level greater than 15%.

5.24 Looking at the VSC reductions in more detail, it is evident that the highest percentage reductions are occurring to windows which already have very low (single figure) VSC values in the existing scenario.

5.25 As a result of their very low starting point, the reductions whilst small have the ability to appear exaggerated in percentage terms. In situations such as this, as the VSC levels will already be very low, it is likely artificial light will be relied upon in the room it serves and that a reduction in the small amount of light received is unlikely to be noticeable.

5.26 In contrast, the rest of the windows which experience VSC losses beyond guidance experience high existing VSC levels. These will be reduced by the proposed development but in the majority of instances will retain well above 15% VSC.

5.27 In relation to NSL, 205 of the 279 rooms assessed (73.5%) meet BRE criteria. Of the remaining 74 rooms, 15 will experience an NSL reduction of between 20-30%, 16 will experience a reduction between 30-40% and 43 will experience a reduction in excess of 40%.

5.28 A number of windows/rooms in Levita House are recessed, as shown in images 08 and 09 below.

Figure 06: Levita House

Figure 07: Levita House recessed windows

Figure 08: Levita House recessed windows

5.29 As discussed in relation to Hadstock House, the recessed windows will experience greater daylight losses as they are more sensitive to massing built in front of them. The window's position within a recess architecturally limits the amount of sky visible to the outer centre face of the window (for VSC) and within the room (for NSL).

5.30 Image 09 below shows an example Waldram diagram to illustrate the restrictive nature of the current balcony position. The green shading represents the current obstruction caused by the building's own form. The light blue then represents the proposed massing. This clearly shows that only a very small portion of the sky is visible in the existing condition and could be disproportionately effected.

5.31 When a 'no balconies' assessment is run the VSC compliance rate increases to 78.8% (from 65.9%) and the number of windows retaining less than 15% reduces from 89 to five. This, again, demonstrates the level to which recessed windows, balconies or overhangs can limit daylight.

5.32 Based on the no balconies assessment demonstrating that this property is likely to be disproportionately impacted due to its own architecture and the high levels of retained daylight (VSC) in accordance with the mid-teen value suitable for an urban environment such as this, we do not believe the proposed development will cause undue harm to the daylight amenity within this property.

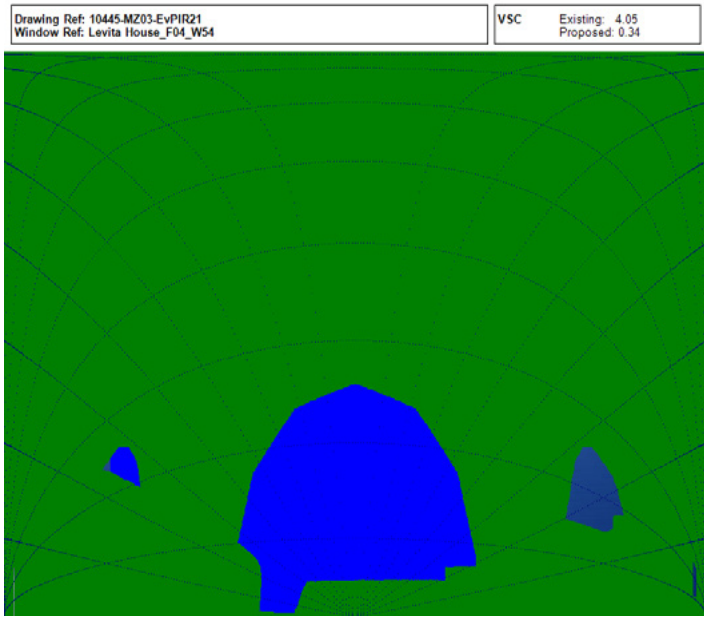

Figure 09: Waldram diagram

		VERTICAL SKY COMPONENT					
		WINDOW			LOSS		
PROPERTY	**SCENARIO**	**TOTAL**	**PASS**	**COMP.(%)**	**20%-30%**	**30%-40%**	**40%+**
LEVITA HOUSE	EvP	387	255	65.9%	26	36	70
	No Balconies	387	305	78.8%	13	45	24

6 CONCLUSIONS

GIA have undertaken a daylight and sunlight assessment in relation to the Proposed Development at British Library. The technical analysis has been undertaken in accordance with the BRE Guidelines.

6.1 GIA has worked with the design team from the start of the design development process to ensure the impacts of the proposed development on surrounding properties are acceptable. The architect has undertaken several design iterations based on our recommendations to limit the impacts to the daylight and sunlight amenity, which has resulted in the set back massing form.

6.2 When constructing buildings in an urban environment, alterations in daylight and sunlight to adjoining properties are often unavoidable. This is even more pertinent for this site which has been allocated for development within the Local Authority's Local Plan but remained uncharacteristically vacant for a number of years. As noted in the executive summary of this report, the numerical guidance given in the BRE document should be treated flexibly, especially in dense urban environments.

6.3 The assessment demonstrates that following implementation of the proposed development, the surrounding residential properties will experience a high level of daylight and sunlight compliance in accordance with recommendations in the BRE Guidelines:

6.4 Within the above three properties (Levita, Hadstock and Chamberlain House), 492 windows have been assessed. Upon implementation of the proposed scheme, 302 (61.4%) will comply with the Vertical Sky Component ('VSC') methodology. In relation to No Sky Line ('NSL'), a room based daylight assessment, 330 rooms have been assessed. Of these 330 rooms, 250 (75.8%) will be compliant.

6.5 In addition, 82 windows within Chamberlain House and Levita House have been assessed for sunlight. With the proposed development built, all 82 (100%) windows will be compliant with the Annual Probable Sunlight Hours ('APSH') methodology.

6.6 Where transgressions from the guidance occur, the assessments carried out demonstrate that the majority of properties (and rooms with a reasonable expectation of daylight/sunlight) retain levels of light that are contextually appropriate, with only isolated instances where alterations in light beyond this are likely to be unavoidable due to the proximity to the site or existing architectural features.

6.7 It is our opinion, that the Proposed Development is therefore appropriate in its context (as noted in the London Plan 2021) and the changes in daylight and sunlight do not cause unacceptable harm to the relevant surrounding properties. The daylight and sunlight results are therefore considered acceptable in the context of relevant planning policy, including the NPPF, which states that a flexible approach should be taken when applying policies or guidance relating to daylight and sunlight to optimise the development potential of a site, subject to the resulting scheme providing acceptable living standards.

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DAYLIGHT & SUNLIGHT

NON-TECHNICAL SUMMARY REPORT APPENDIX

British Library

British Library and SBML Developments Ltd

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DISCLAIMER:

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gia CHARTERED SURVEYORS

APPENDIX 01
ASSUMPTIONS

APPENDIX 01
ASSUMPTIONS

01

A 1.1 A measured survey has been carried out by GIA/ provided by surveying firm. This has been used to understand the base levels and heights of the surrounding buildings and the location and size of those apertures that surround and face the site. This survey was carried out and issued to GIA in August 2017. Any change to the surrounding environment since the receipt of the survey data/ GIA carried out the survey has not been captured.

02

A 1.2 The context model has been enhanced using our VU.CITY platform. GIA have extracted the required area, creating a 3D model with an overall building tolerance of up to 150mm. The relevant windows have been added to the VU.CITY model from site photographs, observations and brick counting.

03

A 1.3 GIA have sought to create the most accurate 3D model possible based on the data available, however, a degree of tolerance should be applied.

04

A 1.4 The scope of buildings assessed has been determined as a reasonable zone which considers both the scale of the proposed scheme and the proximity of those buildings which surround and face the site. There may be properties outside of the considered scope that are affected by the scheme, however, no significant effects are anticipated.

05

A 1.5 The property uses have been ascertained by reference to a Valuation Office Agency search carried and based upon external observations from a site visit carried on numerous occasions between 2017 and 2020.

06

A 1.6 GIA have obtained full or partial floor plans for the following properties:

- Chamberlain House
- Hadstock House

A 1.7 These layouts have been incorporated into our 3D computer model. It is reasonable to assume that these layouts have been implemented, however, GIA would require access to confirm this.

07

A 1.8 Where GIA have not been able to source detailed internal floor-plans reasonable assumptions as to the internal layouts of the rooms behind the fenestration have been made. This is normal practice where access to adjoining properties is undesirable in terms of development confidentiality. Unless the building form dictates otherwise, we assume a standard 4.2m deep room (14ft) for residential properties.

08

A 1.9 Floor levels have been assumed for adjoining properties as access has not been obtained. This dictates the level of the working plane which is the point at which the No Sky Line assessments are carried out.

09

A 1.10 GIA have discounted rooms that appear to be or are confirmed to be bathrooms, hallways, circulation space etc. These rooms are not considered to be habitable and thus do not require assessment in accordance with the BRE Guidelines.

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APPENDIX 02

PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING

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PRINCIPLES OF DAYLIGHT, SUNLIGHT & OVERSHADOWING

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

BACKGROUND & CONTEXT

A 2.1 The quality of amenity and open spaces is often stipulated within planning policy for protection or enhancement and is often a concern for adjoining owners and other interested parties.

A 2.2 The BRE Guidelines provide advice on site layout planning to determine the quality of Daylight and Sunlight within open spaces between buildings.

A 2.3 The BRE Guidelines note that the document is intended to be used in conjunction with the interior Daylight recommendations found within the British Standard BS8206-2:2008 and The Applications Manual on Window Design of the Chartered Institution of Building Services Engineers (CIBSE).

A 2.4 The BRE Guidelines are typically referred to for daylight and sunlight amenity issues, however, they were not intended to be used as an instrument of planning policy, nor were the figures intended to be fixedly applied to all locations.

A 2.5 In the introduction of 'Site Layout Planning for Daylight and Sunlight (2011)', section 1.6 (page 1), states that:-

> *"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design (see Section 5). In special circumstances the developer or Planning Authority may wish to use different target values. For example, in an historic city centre, or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings".*[1]

A 2.6 Paragraph 2.2.3 (page 7) of the document states:-

> *"Note that numerical values given here are purely advisory. Different criteria may be used, based on the requirements for daylighting in an area viewed against other site layout constraints".*[2]

A 2.7 The numerical criteria suggested by the BRE are therefore designed to provide industry advice/ guidance to plan/design with daylight in mind. Alternative values may be appropriate in certain circumstances such as highly dense urban areas around London. The BRE approach to creating alternative criteria is detailed within Appendix F of the Document.

A 2.8 The BRE Guidelines state that they are;

> *"intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed."*[3]

A 2.9 They are therefore primarily designed to be used for residential properties however, the BRE Guidelines continue to state that they may be applied to any existing non-residential buildings where there may be a reasonable expectation of daylight including; schools, hospitals, hostels, small workshop and some offices.

A 2.10 It is important to note, however, that this document is a guide and states that its aim *"is to help rather than constrain the designer"*[4].

A 2.11 The document provides advice, but also clearly states that *"it is purely advisory and the numerical target values within it may be varied to meet the needs of the development and its location."*[5]

A 2.12 Many Local Planning Authorities consider daylight and sunlight an important factor for determining planning applications. Policies refer to both the protection of daylight and sunlight amenity within existing properties as well as the creation of proposed dwellings with high levels of daylight and sunlight amenity.

A 2.13 In terms of considering what is a material deterioration in light, Local Authorities typically refer to the BRE Guide. Although Local Authorities will look to the BRE Guide to understand impacts it is their Planning Policies that will determine whether the changes in light should be a reason for refusal at planning.

A 2.14 It is an inevitable consequence of the built up urban environment that Daylight and Sunlight will be more limited in dense urban areas. It is well acknowledged

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

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

DAYLIGHT

A 2.16 The BRE Guidelines provide three methodologies for daylight assessment, namely;

1 The Vertical Sky Component (VSC);

2 The No Sky Line (NSL); and

3 The Average Daylight Factor (ADF).

Vertical Sky Component (VSC)

A 2.17 The Vertical Sky Component (VSC) method is described in the BRE Guidelines as the;

> *"Ratio of that part of illuminance, at a point on a given vertical plane, that is received directly from a CIE standard overcast sky, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Usually the 'given vertical plane' is the outside of a window wall. The VSC does not include reflected light, either from the ground or from other buildings"*[6]

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

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

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

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

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

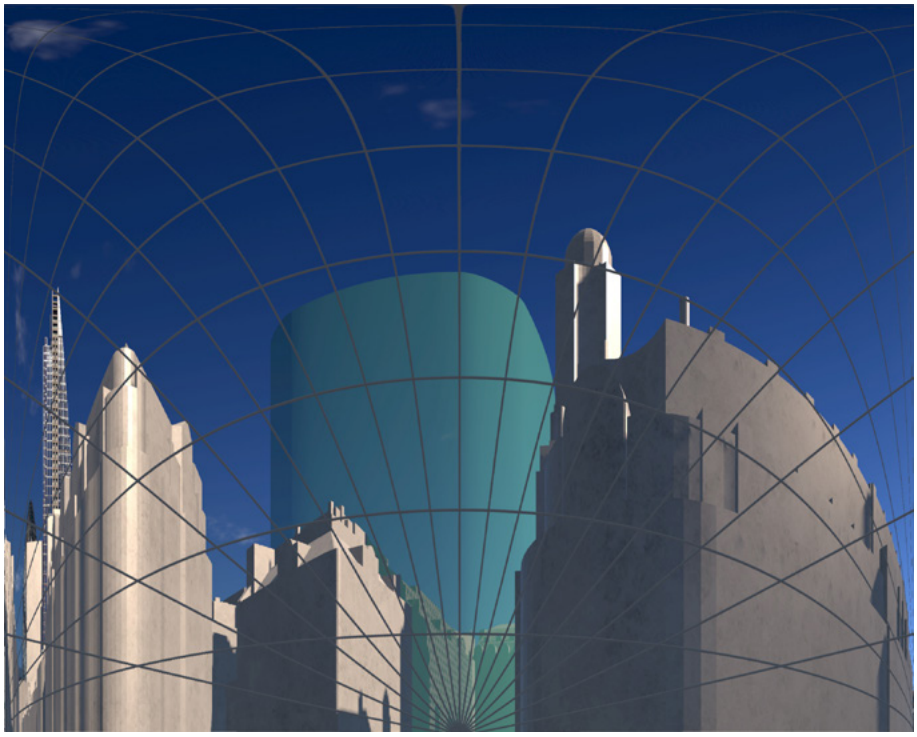

Figure 01: Waldram diagram

No Sky Line (NSL)

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

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

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

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

A 2.27 The BRE Guidelines state at paragraph 2.2.9 that;

> *"If, following construction of a new development, the no sky line moves so that the area of the existing room, which does receive direct skylight, is reduced to less than 0.8 times its former value this will be noticeable to the occupants, and more of the room will appear poorly lit. This is also true if the no sky line encroaches on key areas like kitchen sinks and worktops."*[10]

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

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

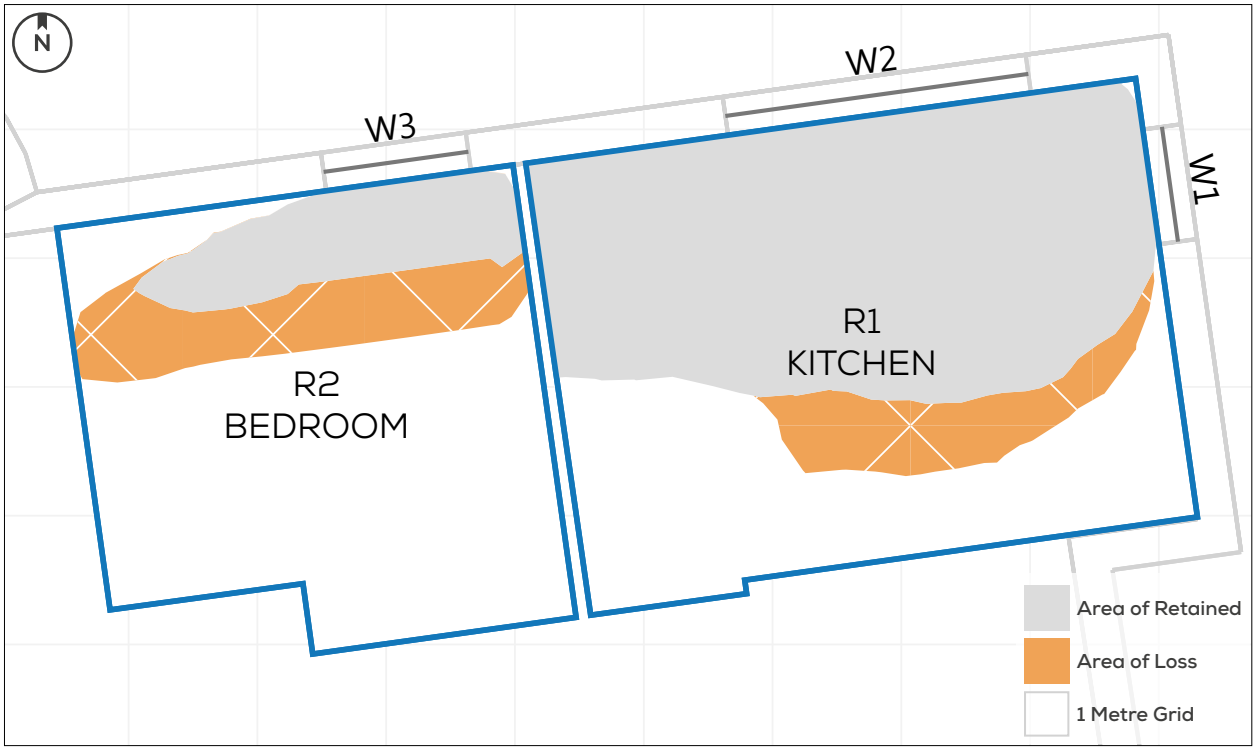

Figure 02: Example NSL diagram

Decision Chart (Figure 20 of the BRE Guide)

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

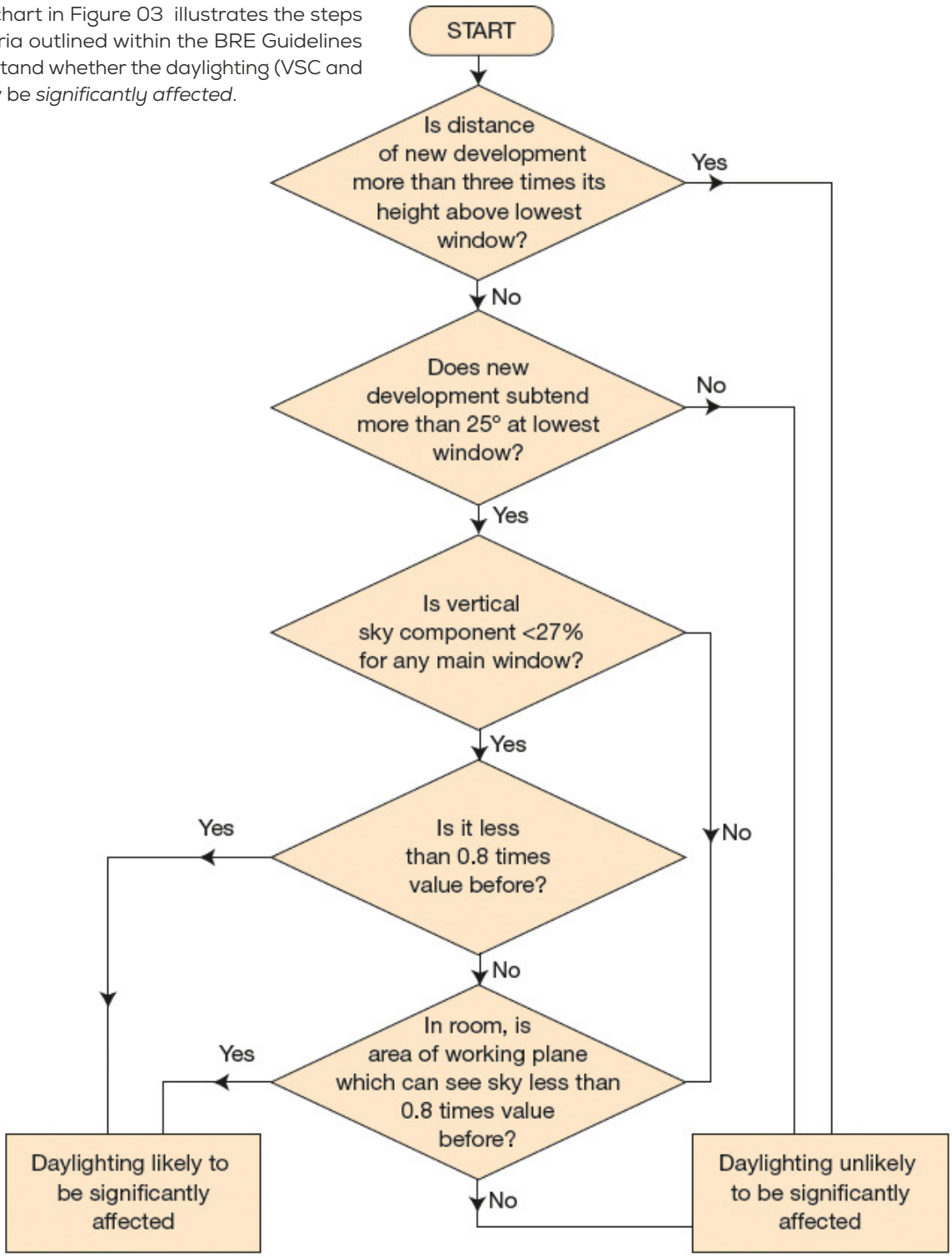

Figure 03: BRE Decision Chart (Figure 20): *diffuse daylight in existing buildings. This does not include an assessment of rights to light issues, which a developer may need to consider separately*

Average Daylight Factor (ADF)

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

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

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

- Bedrooms 1% ADF
- Living rooms 1.5% ADF
- Kitchens 2% ADF[12]

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

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

> *"Where a predominantly daylit appearance is wanted, the criteria given in 5.5.2 and 5.5.3 should be adopted. The average daylight factor... is used as the measure of general illumination from skylight.*
>
> *5.5.2 If electric is not normally tp b eused during daytime, the average daylight factor should not be less than 5%*
>
> *5.5.3 If electric lighting is to be used throughout daytime, the average daylight factor should not be less than 2%.."*[13]

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

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

SUNLIGHT

Annual Probable Sunlight Hours (APSH)

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

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

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

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

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

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

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

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

A 2.43 The BRE Guidelines note that:

> *"all main living rooms of dwellings…should be checked if they have a window facing within 90° of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun:* and
>
> *"If the main living room to a dwelling has a main window facing within 90° of due north, but a secondary window facing within 90° of due south, sunlight to the secondary window should be checked."*[17]

A 2.44 The BRE Guidelines set out the overall methodology and criteria for the assessment of Sunlight in Chapter 3. The BRE Guidelines state:

> *"To assess loss of sunlight to an existing building, it is suggested that all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within 90 degrees of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun.*
>
> *A point at the centre of the window on the outside face of the window wall may be taken.*
>
> *If this window reference point can receive more than one quarter of Annual Probable Sunlight Hours [25%], including at least 5% of APSH in the winter months between 21 September and 21 March, then the room should still receive enough sunlight.*
>
> *Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount above and less than 0.8 times their former value, either over the whole year or just during the winter months (21 September - 21 March), then the occupants of the existing building will notice the loss of sunlight; if the overall annual loss is greater than 4% of APSH, the room may appear colder and less cheerful and pleasant."*[18]

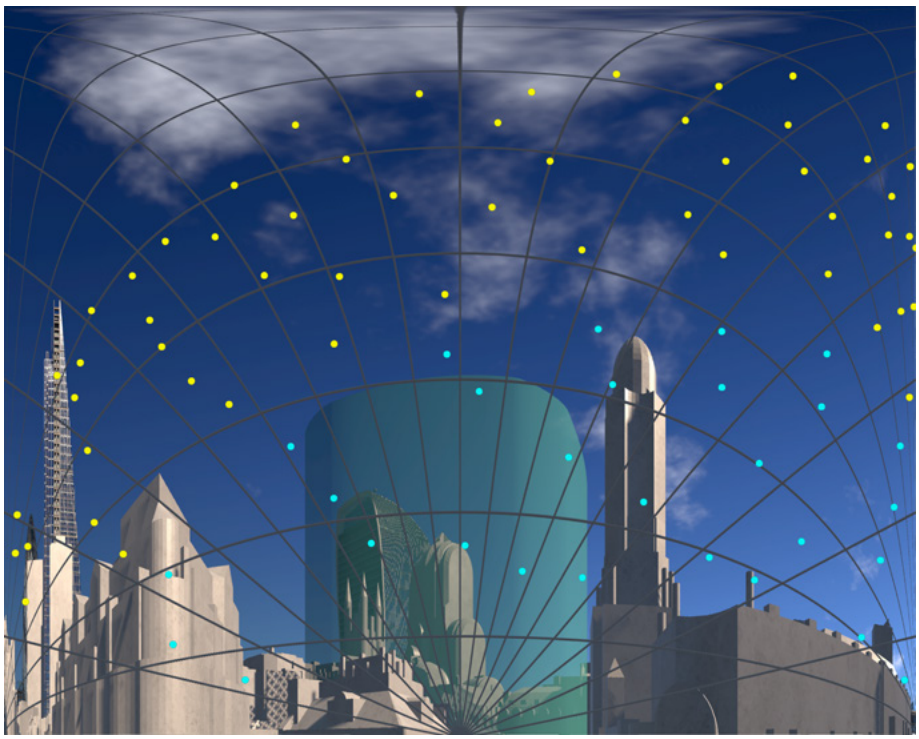

Figure 04: Waldram diagram

OVERSHADOWING

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

> *"Good site layout planning for daylight and sunlight should not limit itself to providing good natural lighting inside buildings. Sunlight in the spaces between buildings has an important impact on the overall appearance and ambiance of a development. It is valuable for a number of reasons:*
>
> - *To provide attractive sunlit views (all year)*
> - *To make outdoor activities, like sitting out and children's play more pleasant (mainly during the warmer months)*
> - *To encourage plant growth (mainly in spring and summer)*
> - *To dry out the ground, reducing moss and slime (mainly during the colder months)*
> - *To melt frost, ice and snow (in winter)*
> - *To dry clothes (all year)"*[19]

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

Sun Hours on Ground & Transient Overshadowing

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

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

> *"It is recommended that for it [an amenity space] to appear adequately sunlit throughout the year at least half of a garden or amenity area should receive at least two hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable."*[20]

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

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

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

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

BRE GUIDELINES: ADDITIONAL DAYLIGHT AND SUNLIGHT TESTS

Daylight - VSC and APSH to Rooms

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

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

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

Σ(Vn*An) / ΣAn

Where:

V = window VSC
A = window area
n = the number of windows

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

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

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

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

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

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

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

Balconies/Overhangs

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

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

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

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

DAYLIGHT - MIRROR MASSING & ADJOINING DEVELOPMENT LAND

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

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

A 2.60 The BRE notes:

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

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

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

Adjoining Development Land

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

A 2.64 The BRE comments that:

> *"The diffuse daylight coming over the boundary may be quantified in the following way. As a first check, draw a section in a plane perpendicular to the boundary (Figure 21). If a road separates the two sites then the centre line of the road should be taken. Measure the angle to the horizontal subtended at a point 1.6 m. above the boundary by the proposed new buildings. If this angle is less than 43 ° then there will normally still be the potential for good daylighting on the adjoining development site (but see Sections 2.3.6 and 2.3.7)."*[25]
>
> *"The guidelines above should not be applied too rigidly. A particularly important exception occurs when the two sites are very unequal in size and the proposed new building is larger in scale than the likely future development nearby. This is because the numerical values above are derived by assuming the future development will be exactly the same size as the ·proposed new building (Figure 22). If the adjoining sites for development are a lot smaller, a better approach is to make a rough prediction of where the nearest window wall of the future development may be; then to carry out the 'new building' analysis in Section 2.1 for this window wall."*[26]
>
> *"The 43° angle should not be used as a form generator, to produce a building which slopes or steps down towards the boundary. Compare Figure 23 with Figure 22 to see how this can result in a higher than anticipated obstruction to daylight. In Figure 23 the proposed building subtends 34° at its mirror image, rather than the maximum of 25° suggested here. In cases of doubt, the best approach is again to carry out a new building analysis for the most likely location of a window wall of a future development."*[27]

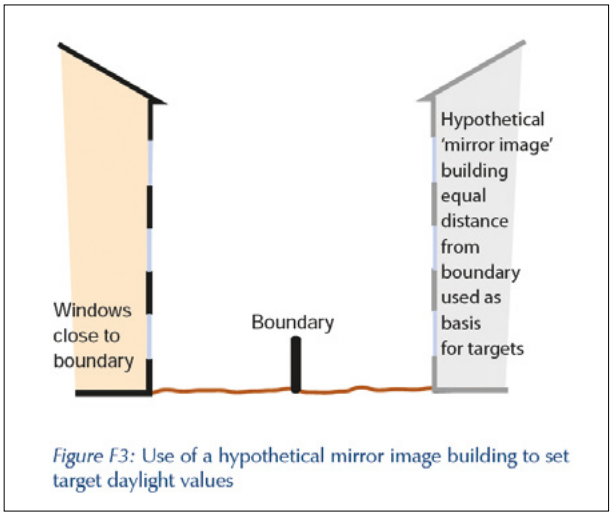

Image © BRE Guidelines

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

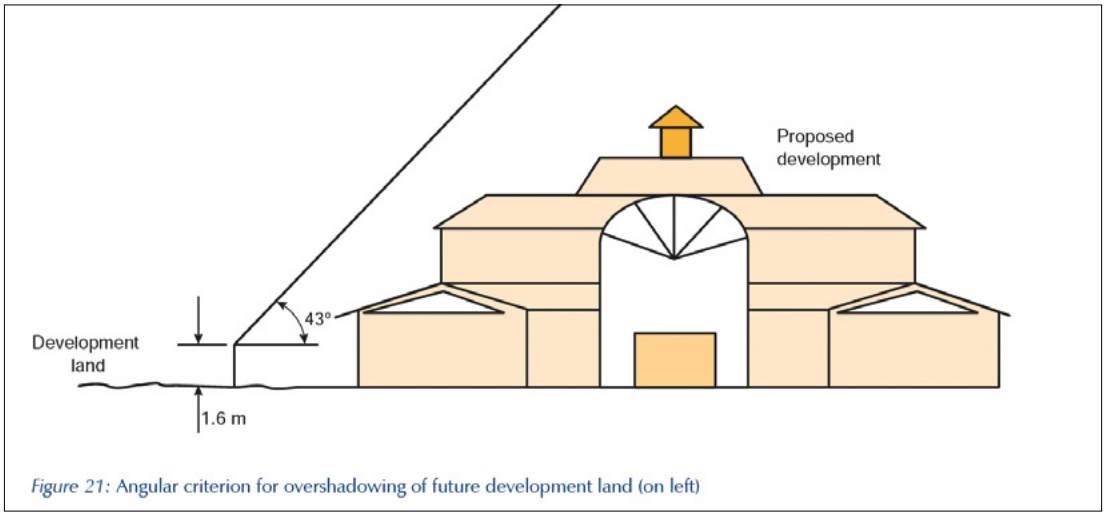

Figure 21: Angular criterion for overshadowing of future development land (on left)

Image © BRE Guidelines

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

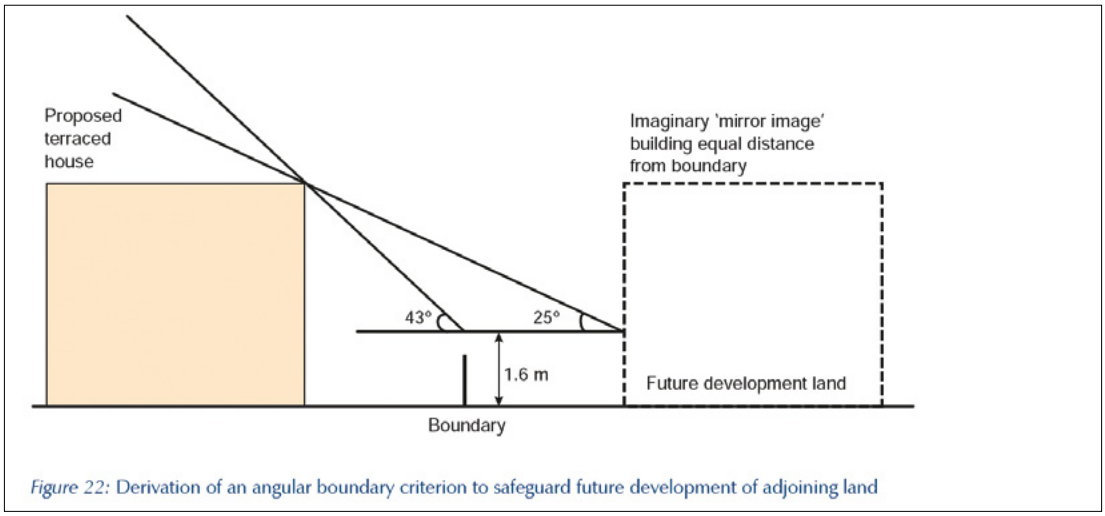

Figure 22: Derivation of an angular boundary criterion to safeguard future development of adjoining land

Image © BRE Guidelines

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

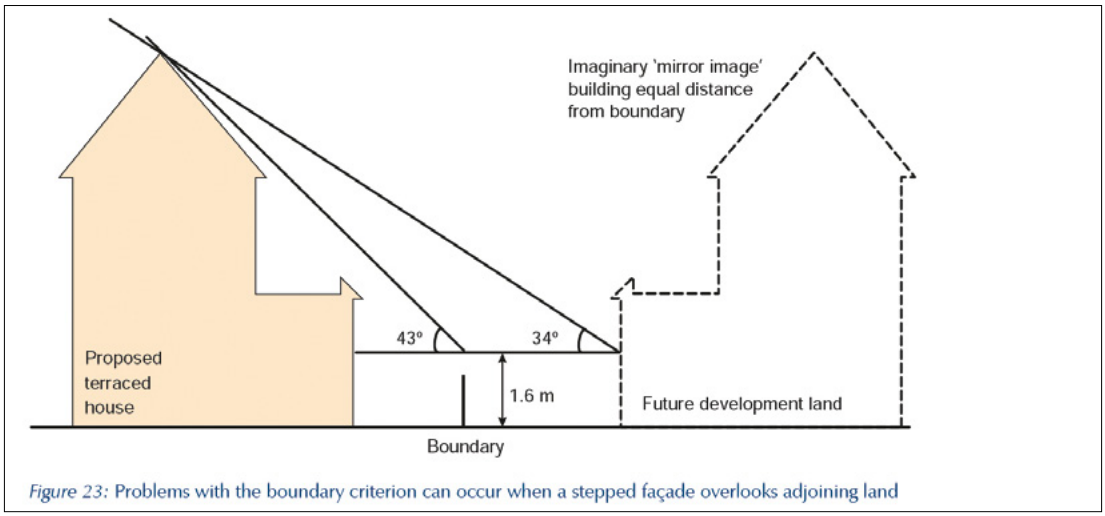

Figure 23: Problems with the boundary criterion can occur when a stepped façade overlooks adjoining land

Image © BRE Guidelines

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

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

Other Amenity Considerations

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

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

CONTEXT METHODOLOGY

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

ENDNOTES

1 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 1, paragraph 1.6

2 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.3

3 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7 paragraph 2.2.2

4 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 1, paragraph 1.6

5 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page v

6 Littlefair, P. (2011). Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii

7 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.7

8 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii

9 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.8

10 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 8, paragraph 2.2.9

11 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii

12 British Standard 8206-2:2008, page 9, paragraph 5.6

13 British Standard 8206-2:2008, page 9, paragraph 5.5

14 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 64, paragraph F8

15 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, Glossary page viii

16 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 17, paragraph 3.2.11

17 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16 paragraph 3.2.3 and paragraph 3.2.4

18 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16 paragraph 3.2.3, paragraph 3.2.4 and 3.2.5 and page 17 paragraph 3.2.6

19 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 18, paragraph 3.3.1

20 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 20, paragraph 3.3.17

21 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 7, paragraph 2.2.6

22 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 16, paragraph 3.1.12

23 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 5, paragraph 2.1.17 and page 8, paragraph 2.2.11

24 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 62, paragraph F5

25 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11, paragraph 2.3.3

26 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11, paragraph 2.3.6

27 Littlefair, P. (2011). Site layout Planning for Daylight and Sunlight – A Guide to Good Practice. Hertfordshire: IHS BRE Press, page 11 paragraph 2.3.7

APPENDIX 03
DRAWINGS

APPENDIX 03
DRAWINGS:

EXISTING

SOURCES OF INFORMATION

FIBMAP:
MASTERMAP (OS PLAN) 1 YR LICENCE.DWG

PROPOSED:
ARCHITECT:
ROGERS STIRK HARBOUR + PARTNERS
RSHP_3D_MASSING_MODEL_V27_00.dwg

EXISTING:
RSHP_3D_MASSING_MODEL_V27_00.dwg

SCHEME RECEIVED: 24.11.15

ALL INFORMATION DISPLAYED IS SUBJECT TO A COMPLETE VERIFIABLE SITE SURVEY BEING UNDERTAKEN. GIA TAKES NO RESPONSIBILITY ON THE ACCURACY OR RELIABILITY OF THE DISPLAYED DATA SINCE A VERIFIED SITE SURVEY WAS NOT MADE AVAILABLE PRIOR TO THE GENERATION OF SUCH INFORMATION.

NOTES:

N.B. DO NOT SCALE OFF THIS DRAWING

- PROPOSED SCHEME IR04
- EXISTING BUILDING
- SURROUNDING BUILDINGS
- ANALYZED BUILDINGS
- WINDOWS

PROJECT:

BRITISH LIBRARY
96 EUSTON RD
LONDON NW1 2DB

DRAWING NAME:

3D INTERACTIVE PDF
EXISTING VS. PROPOSED-IR04

DRAWN	SCALE	CHECKED	DATE
H.JAFF	NTS @ A3	H.JAFF	FEB.16

DRAWING No.	Rel No.	REV No.
10445_3DV_000	01	0

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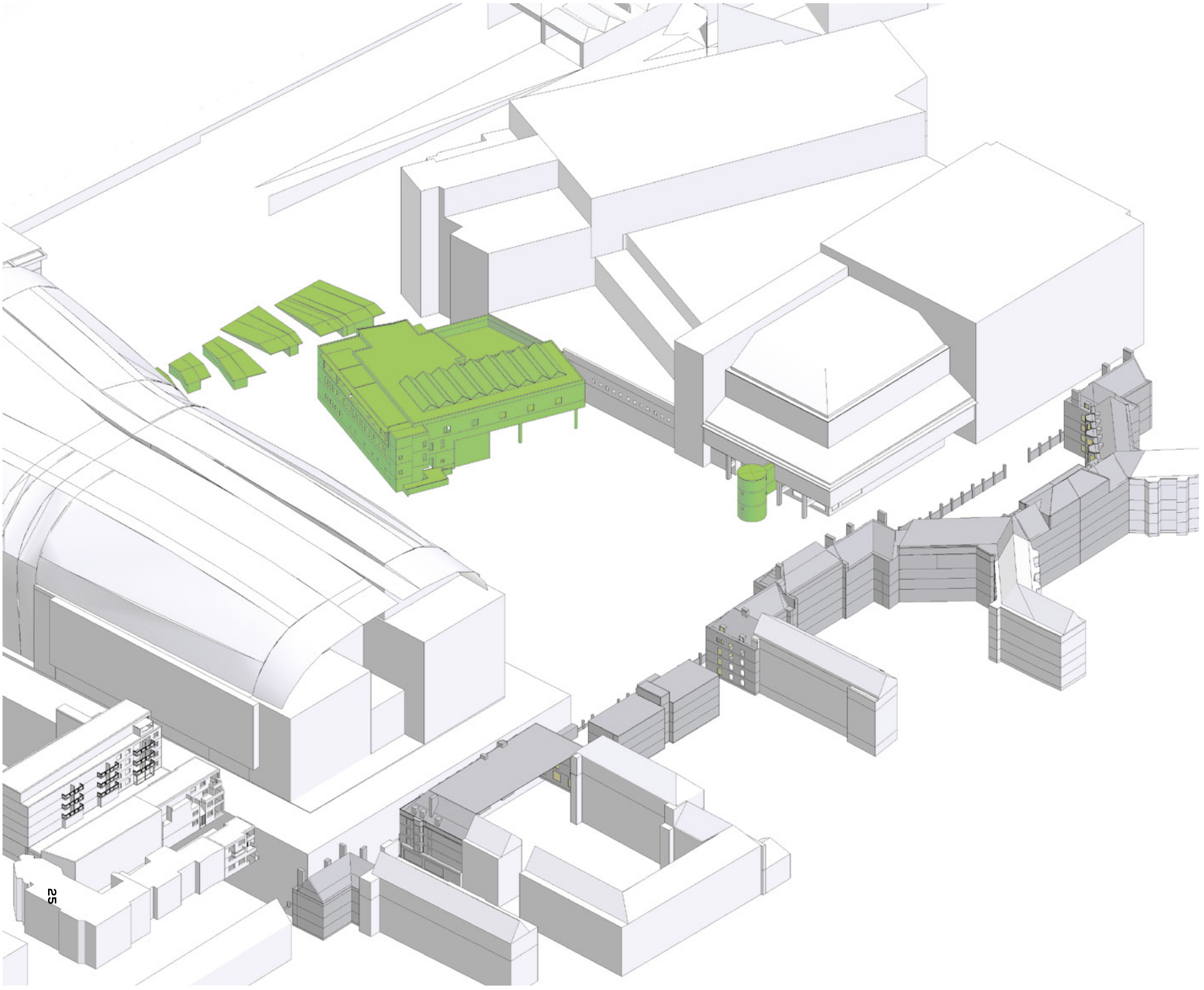
www.gia.uk.com



SOURCES OF INFORMATION

FIBMAP:
MASTERMAP (OS PLAN) 1 YR LICENCE.DWG

PROPOSED:
ARCHITECT:
ROGERS STIRK HARBOUR + PARTNERS
RSHP_3D_MASSING_MODEL_V27_00.dwg

EXISTING:
RSHP_3D_MASSING_MODEL_V27_00.dwg

SCHEME RECEIVED: 24.11.15

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DRAWN	SCALE	CHECKED	DATE
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DRAWING No.	Rel No.	REV No.
10445_3DV_000	01	0

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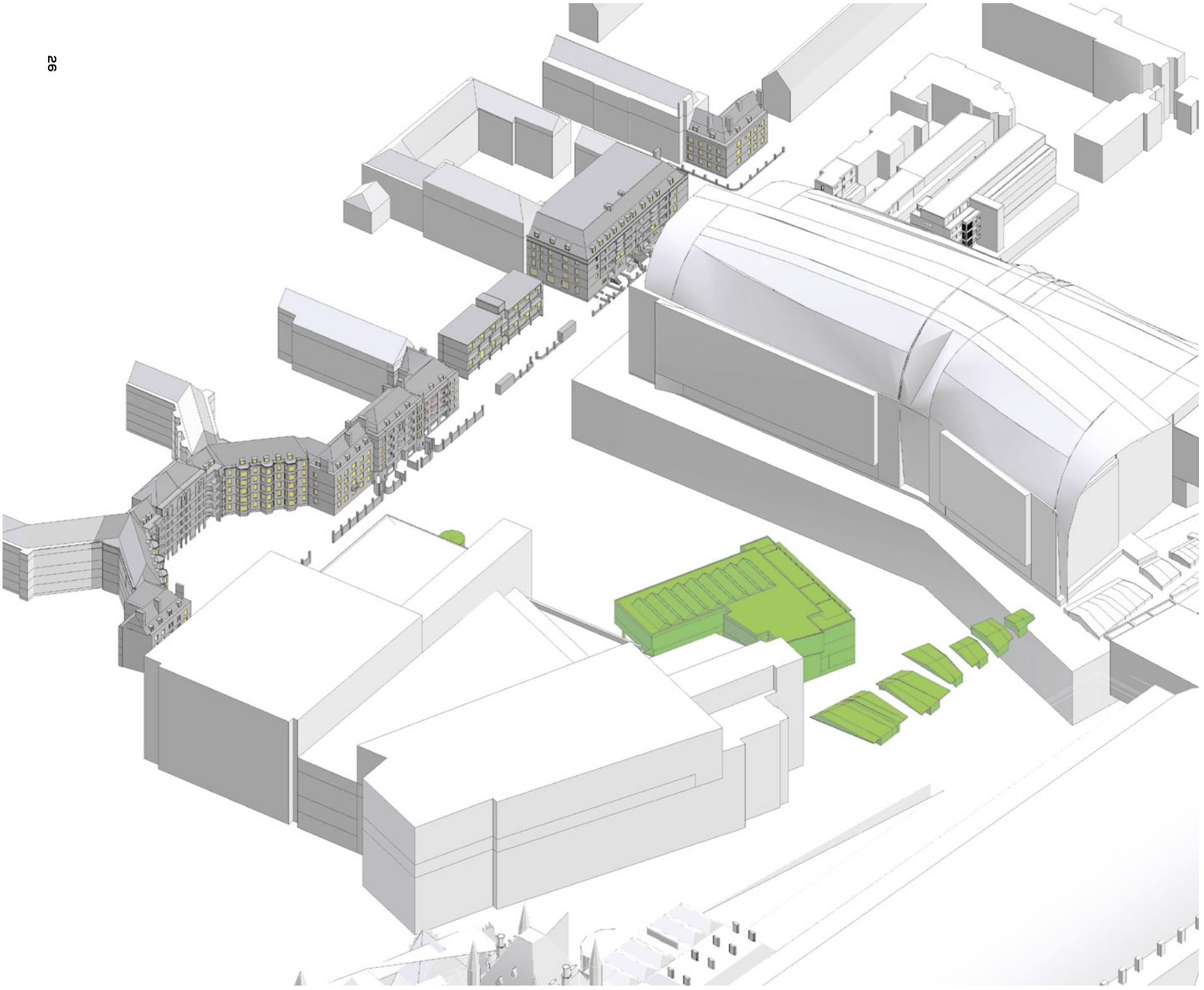

SOURCES OF INFORMATION

FIBMAP:
MASTERMAP (OS PLAN) 1 YR LICENCE.DWG

PROPOSED:
ARCHITECT:
ROGERS STIRK HARBOUR + PARTNERS
RSHP_3D_MASSING_MODEL_V27_00.dwg

EXISTING:
RSHP_3D_MASSING_MODEL_V27_00.dwg

SCHEME RECEIVED: 24.11.15

NOTES:

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- EXISTING BUILDING
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- WINDOWS

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DRAWING No.	Rel No.	REV No.
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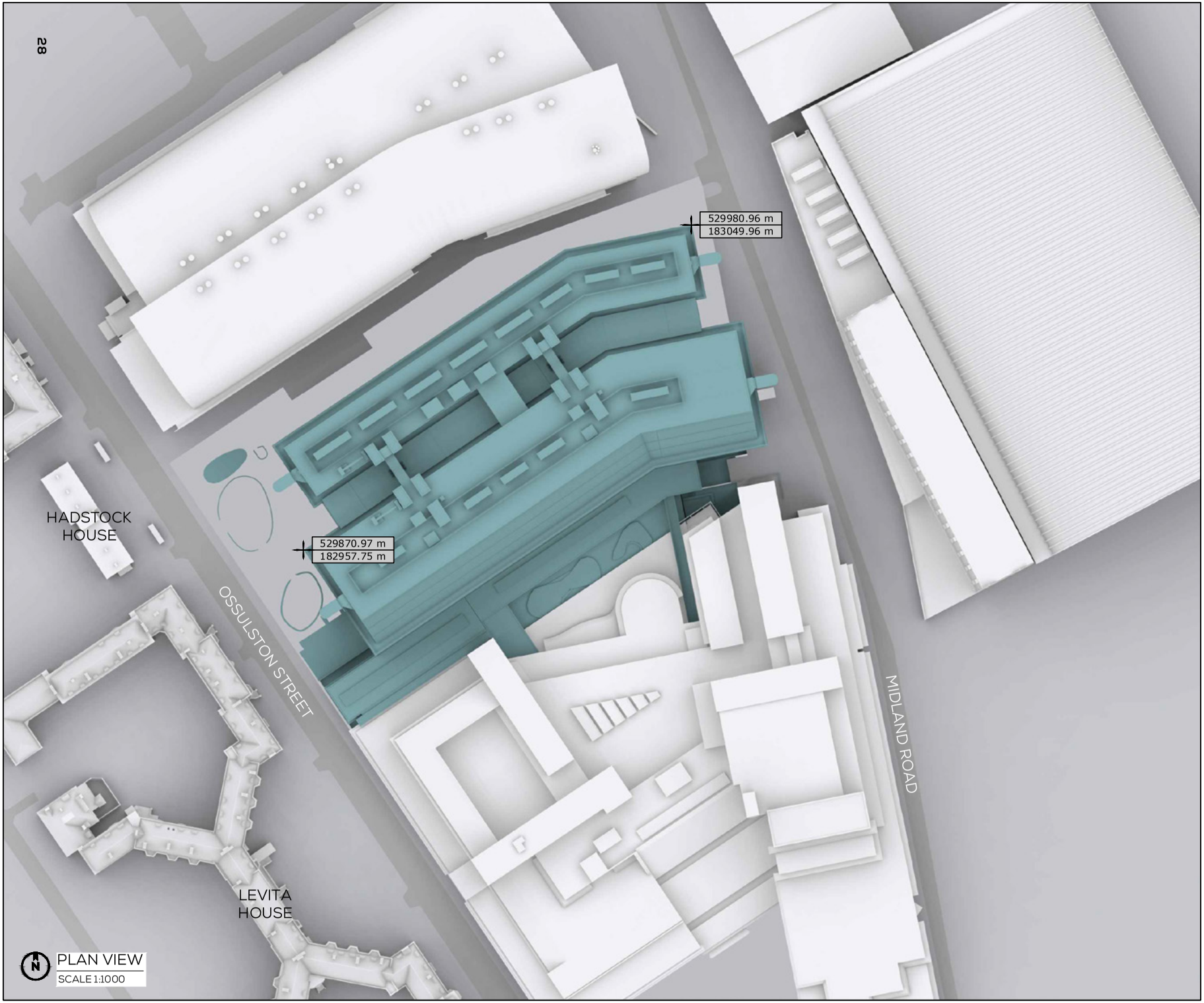
APPENDIX 03
DRAWINGS:

PROPOSED



PLAN VIEW
SCALE 1:1000

SOURCES OF INFORMATION

MSA
IR11-300515
Survey Model
Master_Model.dwg

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NOTES:
PROPOSED SCHEME SHOWN IN TEAL
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DRAWING NAME:
PLAN VIEW PROPOSED
PROPOSED IR21
RECEIVED 21.04.2021

DWN BY	SCALE	CHK BY	DATE	REV No.
EVVE	1:1000@A3		APR.21	A
PROJ No.	REL No.	ADDR No.	IS No.	DWG No.
10445	09	-	01	01

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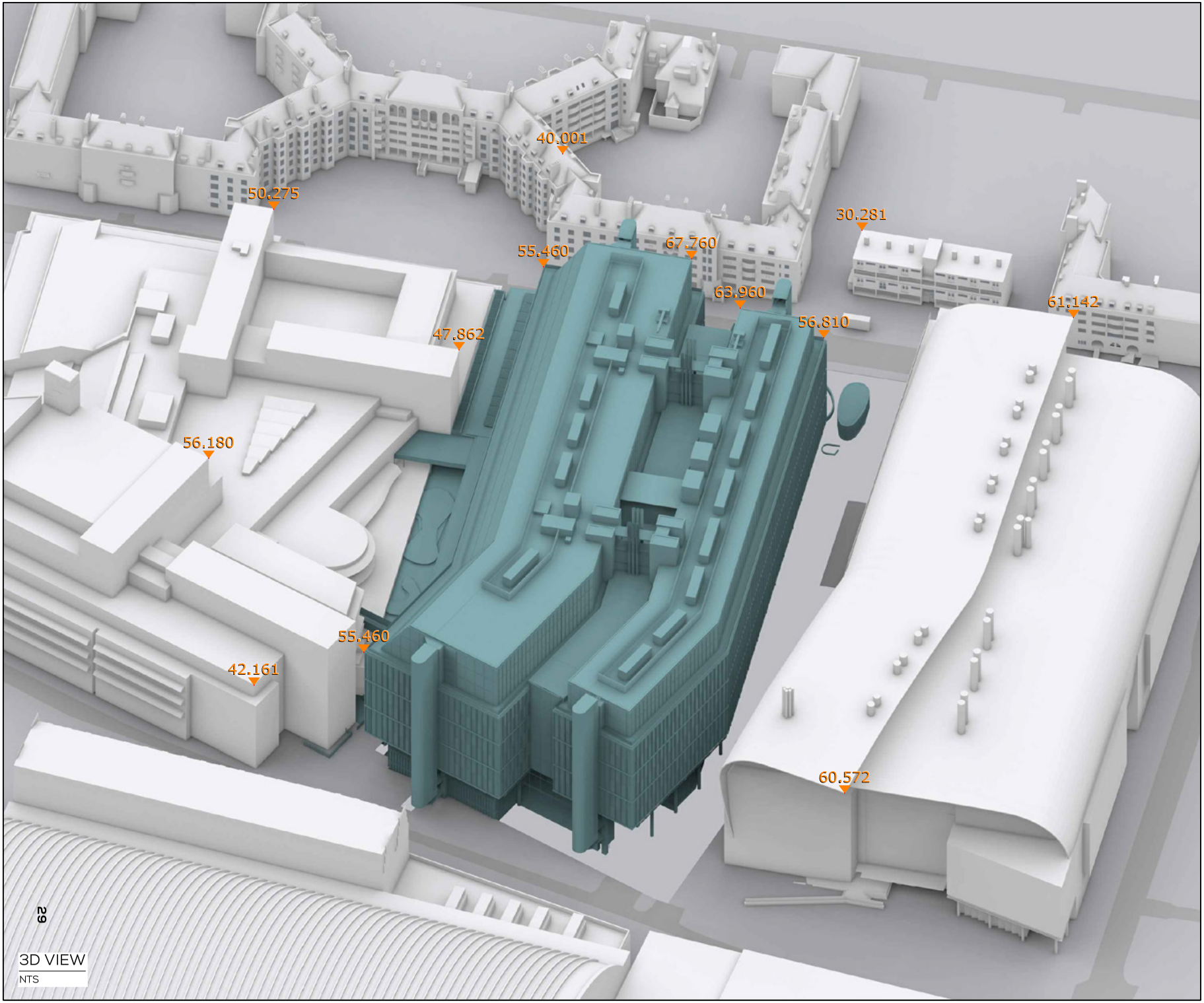

29

3D VIEW
NTS

SOURCES OF INFORMATION

MSA
IR11-300515
Survey Model
Master_Model.dwg

.

NOTES:
PROPOSED SCHEME SHOWN IN TEAL
ALL HEIGHTS AND DIMENSIONS GIVEN IN m AOD
.

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DRAWING NAME:
3D VIEW PROPOSED
PROPOSED IR21
RECEIVED 21.04.2021

DWN BY	SCALE	CHK BY	DATE	REV No.
EVVE	NTS		APR.21	A
PROJ No.	REL No.	ADDR No.	IS No.	DWG No.
10445	09	-	01	02

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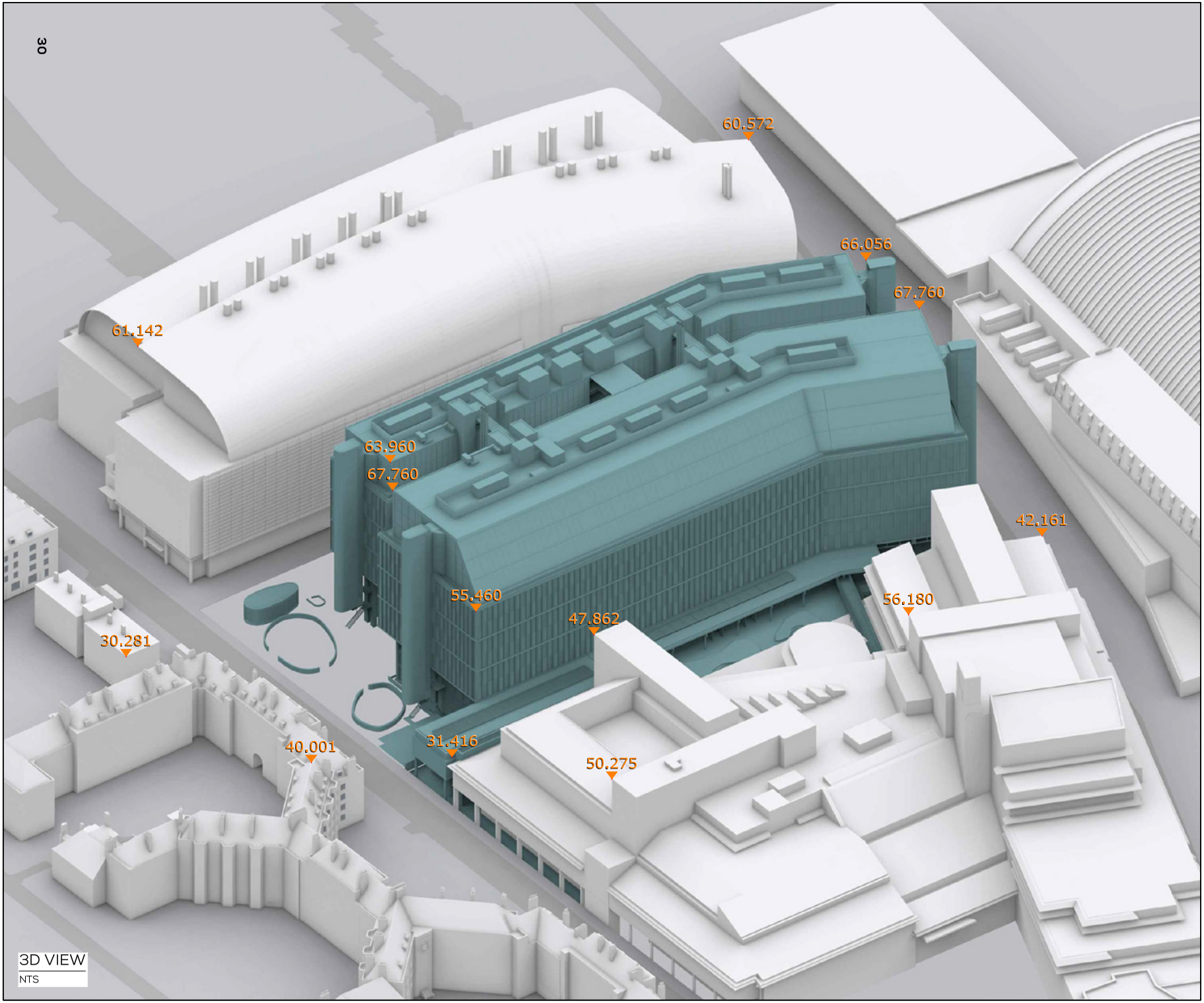

3D VIEW
NTS

SOURCES OF INFORMATION

MSA
IR11-300515
Survey Model
Master_Model.dwg

.

NOTES:
PROPOSED SCHEME SHOWN IN TEAL
ALL HEIGHTS AND DIMENSIONS GIVEN IN m AOD
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N.B. DO NOT SCALE OFF THIS DRAWING

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DRAWING NAME:
3D VIEW PROPOSED
PROPOSED IR21
RECEIVED 21.04.2021

DWN BY	SCALE	CHK BY	DATE	REV No.
EVVE	NTS		APR.21	A
PROJ No.	REL No.	ADDR No.	IS No.	DWG No.
10445	09	-	01	03

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APPENDIX 04
RESULTS & CONTOURS

APPENDIX 04
RESULTS & CONTOURS:

EXISTING v PROPOSED (RESULTS)

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
CHAMBERLAIN HOUSE																			
F00	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F00	17.4	16.9	0.5	2.9%	15.9	15.3	0.1	3.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F00	17.2	16.6	0.6	3.5%	31.5	31.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F00	17.3	16.3	1	5.8%	97.6	97.3	0.3	0.4%	17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W7/F00	17.3	16.2	1.1	6.4%					17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W8/F00	17.3	16.1	1.2	6.9%					17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W9/F00	27.7	24.7	3	10.8%					63	18	57	17	9.5%	5.6%
			UNKNOWN-RESI		W10/F00	27.2	24.2	3	11.0%					61	16	55	14	9.8%	12.5%
			UNKNOWN-RESI		W11/F00	26.4	23.7	2.7	10.2%					57	15	52	14	8.8%	6.7%
			UNKNOWN-RESI		W12/F00	24.6	23.2	1.4	5.7%					47	14	44	14	6.4%	0.0%
F01	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F01	16	15.4	0.6	3.7%	79.9	79.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W7/F01	1.2	1.2	0	0.0%	48.4	48.4	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F01	19	17.7	1.3	6.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W12/F01	30.5	27.7	2.8	9.2%	93.7	93.7	0.0	0.0%	69	22	63	20	8.7%	9.1%
	R12	RESIDENTIAL	UNKNOWN-RESI		W13/F01	30.3	27.4	2.9	9.6%	92.5	92.3	0.0	0.2%	68	21	62	19	8.8%	9.5%
	R13	RESIDENTIAL	UNKNOWN-RESI		W14/F01	29.8	27.2	2.6	8.7%	97	92.5	2.0	4.7%	63	19	59	18	6.3%	5.3%
			UNKNOWN-RESI		W15/F01	29.8	27.9	1.9	6.4%					59	18	56	18	5.1%	0.0%
			UNKNOWN-RESI		W16/F01	28	26.5	1.5	5.4%					52	16	50	16	3.8%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F02	1.7	1.6	0.1	5.9%	22	13.9	0.7	37.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F02	0.9	0.8	0.1	11.1%	0.1	0.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F02	1.6	1.4	0.2	12.5%	8.8	8.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F02	1.2	1.1	0.1	8.3%	25.8	11.8	1.2	54.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W6/F02	0.5	0.5	0	0.0%	19.5	19.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W5/F02	2.1	2.1	0	0.0%	58.9	58.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F02	20.3	19	1.3	6.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W8/F02	33.1	30.4	2.7	8.2%	93.7	93.7	0.0	0.0%	74	26	68	24	8.1%	7.7%
	R8	RESIDENTIAL	UNKNOWN-RESI		W9/F02	33.4	30.7	2.7	8.1%	97.9	97.7	0.0	0.2%	73	25	68	23	6.8%	8.0%
	R9	RESIDENTIAL	UNKNOWN-RESI		W10/F02	33.3	30.7	2.6	7.8%	97.3	96.8	0.2	0.5%	68	23	63	21	7.4%	8.7%
			UNKNOWN-RESI		W11/F02	33	30.7	2.3	7.0%					63	22	59	21	6.3%	4.5%
			UNKNOWN-RESI		W12/F02	30.9	28.7	2.2	7.1%					56	19	52	18	7.1%	5.3%
F03	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F03	1.7	1.6	0.1	5.9%	32.9	27.5	0.4	16.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F03	0.7	0.7	0	0.0%	31.5	26.8	0.5	15.0%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
CHAMBERLAIN HOUSE (CONTINUED)																			
	R9	RESIDENTIAL	UNKNOWN-RESI		W10/F03	21.7	20.3	1.4	6.5%	96.8	96.8	0.0	0.0%	58	5	58	5	0.0%	0.0%
			UNKNOWN-RESI		W11/F03	34.7	32.2	2.5	7.2%					75	26	70	24	6.7%	7.7%
	R10	RESIDENTIAL	UNKNOWN-RESI		W12/F03	35.1	32.6	2.5	7.1%	96.7	96.5	0.0	0.2%	75	26	70	24	6.7%	7.7%
	R11	RESIDENTIAL	UNKNOWN-RESI		W13/F03	35.3	32.9	2.4	6.8%	97.3	96.9	0.2	0.4%	72	24	67	22	6.9%	8.3%
			UNKNOWN-RESI		W14/F03	35	32.7	2.3	6.6%					66	23	61	21	7.6%	8.7%
			UNKNOWN-RESI		W15/F03	32.7	30.4	2.3	7.0%					57	20	52	18	8.8%	10.0%
F04	R2	RESIDENTIAL	OFFICE		W2/F04	25	24.5	0.5	2.0%	39.4	39.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F04	24.2	23.4	0.8	3.3%	30.7	30.6	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F04	23.8	22.6	1.2	5.0%	33.2	31.6	0.2	4.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W7/F04	36	33.7	2.3	6.4%	88.3	83.5	0.7	5.4%	75	27	71	25	5.3%	7.4%
	R8	RESIDENTIAL	UNKNOWN-RESI		W8/F04	36.2	33.9	2.3	6.4%	82.1	71.4	3.2	13.0%	72	26	68	24	5.6%	7.7%
			UNKNOWN-RESI		W9/F04	32.9	30.8	2.1	6.4%					58	18	55	16	5.2%	11.1%
HADSTOCK HOUSE																			
F00	R1	RESIDENTIAL	KITCHEN-RESI (1)		W1/F00	4.5	0.5	4	88.9%	84.8	56.3	1.8	33.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN-RESI (1)		W4/F00	6.1	1.5	4.6	75.4%	96.4	96.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN-RESI (1)		W7/F00	7.1	2.2	4.9	69.0%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	KITCHEN-RESI (1)		W15/F00	7.8	2.4	5.4	69.2%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	KITCHEN-RESI (1)		W19/F00	8.1	2.2	5.9	72.8%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	KITCHEN-RESI (1)		W22/F00	8.2	1.6	6.6	80.5%	100	96.2	0.2	3.8%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	BEDROOM		W1/F01	14.8	10.1	4.7	31.8%	62.1	46.5	1.9	25.1%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W2/F01	21.8	17	4.8	22.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W3/F01	21.5	16.6	4.9	22.8%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W4/F01	14.7	9.8	4.9	33.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM		W7/F01	23.5	17.9	5.6	23.8%	77.1	75.6	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W8/F01	16.4	11	5.4	32.9%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W9/F01	16.7	11.1	5.6	33.5%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W10/F01	23.7	18	5.7	24.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM		W13/F01	24.8	18.8	6	24.2%	87.3	80.1	0.9	8.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W14/F01	17.8	11.8	6	33.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W15/F01	18	12	6	33.3%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
HADSTOCK HOUSE (CONTINUED)																			
			BEDROOM		W16/F01	25	18.9	6.1	24.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	BEDROOM		W22/F01	19.4	12.3	7.1	36.6%	90	82.7	0.9	8.0%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W23/F01	26.4	19.3	7.1	26.9%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W24/F01	19.7	12.6	7.1	36.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W25/F01	26.8	19.5	7.3	27.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	BEDROOM		W28/F01	27	19.1	7.9	29.3%	95.6	83.8	1.4	12.4%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W29/F01	26.9	19.2	7.7	28.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W30/F01	28.4	20.7	7.7	27.1%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W31/F01	27.4	19.6	7.8	28.5%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W32/F01	27.6	19.6	8	29.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W33/F01	28.5	20.7	7.8	27.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	BEDROOM		W36/F01	20.3	11.7	8.6	42.4%	97.7	76.3	2.6	21.9%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W37/F01	27.2	18.6	8.6	31.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W38/F01	20.8	12.2	8.6	41.3%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W39/F01	27.9	19.2	8.7	31.2%					N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	KITCHEN-RESI (1)		W1/F02	4.9	0.8	4.1	83.7%	83.8	65.3	1.2	22.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN-RESI (1)		W4/F02	6.5	1.9	4.6	70.8%	96.2	96.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN-RESI (1)		W7/F02	7.6	2.6	5	65.8%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	KITCHEN-RESI (1)		W12/F02	8.6	3	5.6	65.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	KITCHEN-RESI (1)		W15/F02	9	2.9	6.1	67.8%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	KITCHEN-RESI (1)		W18/F02	9.2	2.3	6.9	75.0%	100	96.3	0.2	3.7%	N/A	N/A	N/A	N/A	N/A	N/A
F03	R1	RESIDENTIAL	BEDROOM		W1/F03	24	19.7	4.3	17.9%	67.5	54.5	1.6	19.3%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W2/F03	17	12.8	4.2	24.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W3/F03	24	19.5	4.5	18.8%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W4/F03	17.1	12.7	4.4	25.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM		W7/F03	25.4	20.4	5	19.7%	79.4	79.2	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W8/F03	18.4	13.5	4.9	26.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W9/F03	18.7	13.7	5	26.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W10/F03	25.7	20.6	5.1	19.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM		W13/F03	26.7	21.2	5.5	20.6%	89.6	84.9	0.6	5.3%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W14/F03	19.7	14.3	5.4	27.4%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
HADSTOCK HOUSE (CONTINUED)																			
			BEDROOM		W15/F03	19.9	14.4	5.5	27.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W16/F03	26.9	21.4	5.5	20.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	BEDROOM		W21/F03	21.1	14.7	6.4	30.3%	94.8	88.5	0.7	6.6%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W22/F03	28.2	21.7	6.5	23.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W23/F03	21.4	14.9	6.5	30.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W24/F03	28.4	21.8	6.6	23.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	BEDROOM		W27/F03	28.7	21.6	7.1	24.7%	98.9	87.8	1.3	11.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W28/F03	21.7	14.7	7	32.3%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W29/F03	21.9	14.8	7.1	32.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W30/F03	28.9	21.8	7.1	24.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	BEDROOM		W33/F03	22.1	14.3	7.8	35.3%	99.6	81.9	2.1	17.8%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W34/F03	29.1	21.2	7.9	27.1%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W35/F03	22.3	14.4	7.9	35.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W36/F03	29.4	21.4	8	27.2%					N/A	N/A	N/A	N/A	N/A	N/A
LEVITA HOUSE																			
F00	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F00	18	17.7	0.3	1.7%	59.5	59.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F00	22.7	22.3	0.4	1.8%	54.9	54.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F00	22.7	22.3	0.4	1.8%	54.5	54.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F00	24.6	23.6	1	4.1%	84.6	73.3	2.1	13.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F00	22.5	21.4	1.1	4.9%	82.4	73.2	1.5	11.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F00	12.1	11.7	0.4	3.3%	98.9	91.8	0.9	7.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F00	25.8	24.5	1.3	5.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F00	19.1	18.2	0.9	4.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F00	24.1	22.7	1.4	5.8%	94	93.9	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F00	15.8	15.3	0.5	3.2%	99.7	92.4	0.9	7.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F00	26.7	25.2	1.5	5.6%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F00	17.7	16.7	1	5.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F00	24.4	22.9	1.5	6.1%	95	95	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F00	17.6	16.9	0.7	4.0%	99.7	93.5	0.8	6.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F00	26.5	24.8	1.7	6.4%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W16/F00	15	14	1	6.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F00	24.2	22.4	1.8	7.4%	91.6	91.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F00	23	21.7	1.3	5.7%	80.9	75	0.8	7.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F00	22.8	21.4	1.4	6.1%	74.6	74.2	0.0	0.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F00	0	0	0	-	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F00	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F00	0.2	0.2	0	0.0%	46.6	36.8	1.3	20.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F00	1.1	0.3	0.8	72.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F00	0.9	0.4	0.5	55.6%	31.5	26.5	0.6	16.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F00	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F00	0.6	0	0.6	100.0%	42.8	32.2	1.2	24.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F00	1.2	0.2	1	83.3%	21.9	21.4	0.1	2.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F00	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F00	0.5	0.5	0	0.0%	17.4	17.4	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W30/F00	21.8	19.1	2.7	12.4%	86.7	85	0.2	2.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W31/F00	23.9	21.1	2.8	11.7%	85.3	85.2	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W32/F00	24.4	24	0.4	1.6%	91.4	91.3	0.0	0.0%	24	2	24	2	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W33/F00	14.9	14.9	0	0.0%	98.1	98.1	0.0	0.0%	31	4	31	4	0.0%	0.0%
			UNKNOWN-RESI		W34/F00	27.6	26.4	1.2	4.3%					34	6	34	6	0.0%	0.0%
			UNKNOWN-RESI		W35/F00	20.2	17	3.2	15.8%					17	2	17	2	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W36/F00	25.5	25.1	0.4	1.6%	94.4	94.4	0.0	0.0%	31	6	31	6	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W37/F00	17.7	17.7	0	0.0%	97.2	97.1	0.0	0.1%	35	7	35	7	0.0%	0.0%
			UNKNOWN-RESI		W38/F00	28.5	27	1.5	5.3%					38	6	38	6	0.0%	0.0%
			UNKNOWN-RESI		W39/F00	18.9	16	2.9	15.3%					16	2	16	2	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W40/F00	25.8	25.1	0.7	2.7%	92.6	92.6	0.0	0.0%	32	7	32	7	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W41/F00	19.2	19.2	0	0.0%	97.2	96.4	0.1	0.8%	36	8	36	8	0.0%	0.0%
			UNKNOWN-RESI		W42/F00	28.1	26.7	1.4	5.0%					42	9	42	9	0.0%	0.0%
			UNKNOWN-RESI		W43/F00	15	13.5	1.5	10.0%					14	0	14	0	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W44/F00	24.5	24.1	0.4	1.6%	78.1	78	0.0	0.0%	32	6	32	6	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W45/F00	24.8	24.8	0	0.0%	78.6	78.6	0.0	0.0%	44	11	44	11	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W46/F00	29	20.1	8.9	30.7%	93.9	52.4	6.2	44.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R31	RESIDENTIAL	UNKNOWN-RESI		W47/F00	29.2	19.6	9.6	32.9%	94.9	55.5	5.3	41.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W48/F00	23.7	13.4	10.3	43.5%	97.7	56.8	6.4	41.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W49/F00	29.2	18.2	11	37.7%	98.3	61.7	4.9	37.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W50/F00	27.5	16	11.5	41.8%	93.6	60.6	5.1	35.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	KITCHEN-RESI (1)		W54/F00	3.7	0	3.7	100.0%	77.2	17.1	4.3	77.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W57/F00	1	0	1	100.0%	77.7	16.8	4.2	78.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	KITCHEN-RESI (1)		W59/F00	3.8	0	3.8	100.0%	73.2	0	2.9	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W60/F00	2.8	0	2.8	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W61/F00	4.1	0	4.1	100.0%	61.6	8.9	5.1	85.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R45	RESIDENTIAL	KITCHEN-RESI (1)		W63/F00	4	0	4	100.0%	86.1	18.9	4.1	78.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R48	RESIDENTIAL	KITCHEN-RESI (1)		W67/F00	29.9	17.4	12.5	41.8%	93.4	55.2	2.8	40.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	BEDROOM		W68/F00	26.2	25.8	0.4	1.5%	90.9	90.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W69/F00	1.5	1.4	0.1	6.7%	32.8	32.5	0.0	1.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W70/F00	1.3	1.2	0.1	7.7%	65.3	64.1	0.0	1.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W71/F00	0	0	0	-	15.7	15.6	0.0	0.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W72/F00	0.8	0.7	0.1	12.5%	34.6	33.6	0.2	3.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W73/F00	0.1	0.1	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W74/F00	0.7	0.7	0	0.0%	41.6	40.4	0.2	2.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W75/F00	0.9	0.8	0.1	11.1%	54.3	53.9	0.0	0.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W76/F00	0.1	0	0.1	100.0%	28.2	24.1	0.4	14.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W77/F00	24	23.3	0.7	2.9%	70.2	70.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F01	25.2	24.8	0.4	1.6%	75.7	75.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F01	25.1	24.7	0.4	1.6%	67.1	67.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F01	24.9	24.5	0.4	1.6%	66.8	66.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F01	26	25	1	3.8%	88.9	76.8	2.3	13.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F01	23.6	22.4	1.2	5.1%	87	79.3	1.3	8.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F01	13.5	13.1	0.4	3.0%	97.7	91.9	0.7	6.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F01	27.3	26	1.3	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F01	20.1	19.2	0.9	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F01	25.1	23.7	1.4	5.6%	93	93	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F01	17.1	16.6	0.5	2.9%	98.3	93	0.7	5.4%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W11/F01	28.3	26.8	1.5	5.3%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F01	18.9	18	0.9	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F01	25.4	23.9	1.5	5.9%	92.8	92.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F01	18.8	18	0.8	4.3%	98.3	94.6	0.5	3.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F01	28.1	26.4	1.7	6.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F01	16.5	15.6	0.9	5.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F01	25.4	23.7	1.7	6.7%	89.7	89.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F01	24.2	22.9	1.3	5.4%	90.5	87.2	0.5	3.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F01	23.9	22.5	1.4	5.9%	85.7	85.5	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F01	0	0	0	-	0.1	0	0.0	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F01	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F01	0.6	0.6	0	0.0%	54.1	46.2	1.1	14.6%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F01	1.7	0.9	0.8	47.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F01	1.9	1.2	0.7	36.8%	38.3	34	0.5	11.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F01	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F01	2	1.1	0.9	45.0%	57.1	50.9	0.7	10.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F01	1.9	0.6	1.3	68.4%	27.7	27.1	0.1	2.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F01	0.1	0	0.1	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F01	3.1	1.4	1.7	54.8%	52.6	52.3	0.0	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F01	1.1	1.1	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F01	25.1	22.3	2.8	11.2%	87.7	87.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F01	25.9	23.1	2.8	10.8%	93.5	93.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F01	26.2	25.7	0.5	1.9%	89.6	89.6	0.0	0.0%	28	4	28	4	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F01	16.6	16.6	0	0.0%	97.1	97.1	0.0	0.0%	35	6	35	6	0.0%	0.0%
			UNKNOWN-RESI		W35/F01	29.3	28.1	1.2	4.1%					37	7	37	7	0.0%	0.0%
			UNKNOWN-RESI		W36/F01	21.1	18	3.1	14.7%					18	3	18	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F01	26.6	26.2	0.4	1.5%	92.9	92.9	0.0	0.0%	32	8	32	8	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F01	19.1	19.1	0	0.0%	96.2	96.1	0.0	0.0%	36	8	36	8	0.0%	0.0%
			UNKNOWN-RESI		W39/F01	30.1	28.6	1.5	5.0%					43	10	43	10	0.0%	0.0%
			UNKNOWN-RESI		W40/F01	20	17.1	2.9	14.5%					17	3	17	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F01	26.8	26.1	0.7	2.6%	92.7	92.7	0.0	0.0%	32	8	32	8	0.0%	0.0%

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F01	20.3	20.3	0	0.0%	96	95.9	0.0	0.1%	39	11	39	11	0.0%	0.0%
			UNKNOWN-RESI		W43/F01	29.6	28.3	1.3	4.4%					45	12	45	12	0.0%	0.0%
			UNKNOWN-RESI		W44/F01	16.3	14.9	1.4	8.6%					15	0	15	0	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F01	25.5	25.3	0.2	0.8%	83.6	83.6	0.0	0.0%	32	7	32	7	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F01	26.3	26.3	0	0.0%	82.6	82.6	0.0	0.0%	44	11	44	11	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F01	30.3	21.9	8.4	27.7%	95.1	71	3.6	25.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F01	30.6	21.6	9	29.4%	96.3	76.3	2.7	20.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F01	30.8	21.1	9.7	31.5%	98.7	78.5	3.1	20.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F01	30.5	20.1	10.4	34.1%	98.3	66.8	4.2	32.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F01	28.5	17.4	11.1	38.9%	95	64.7	4.7	31.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F01	30.7	18.1	12.6	41.0%	98.6	62	5.6	37.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F01	30.7	17.9	12.8	41.7%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W54/F01	3.9	2.4	1.5	38.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W55/F01	4	0	4	100.0%	86.1	4.1	2.1	95.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F01	1.9	0	1.9	100.0%	53.7	4.6	3.5	91.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R39	RESIDENTIAL	KITCHEN-RESI (1)		W59/F01	1.5	0.1	1.4	93.3%	82.5	22.1	4.2	73.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	KITCHEN-RESI (1)		W63/F01	4.9	0	4.9	100.0%	85.5	6.7	3.1	92.2%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W64/F01	3.1	0	3.1	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W65/F01	4.1	0	4.1	100.0%	61.5	11	4.9	82.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	KITCHEN-RESI (1)		W68/F01	4.1	0	4.1	100.0%	88.3	21.1	4.1	76.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	KITCHEN-RESI (1)		W72/F01	30.7	18.6	12.1	39.4%	93.8	54.8	2.9	41.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	BEDROOM		W73/F01	28.6	28.2	0.4	1.4%	94.6	94.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W74/F01	3.2	3.2	0	0.0%	56.9	55.7	0.1	2.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F01	2.2	2.1	0.1	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W76/F01	1.6	1.5	0.1	6.3%	38.9	38.1	0.1	2.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W77/F01	1.8	1.6	0.2	11.1%	70.9	68.1	0.4	3.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W78/F01	1.5	1.5	0	0.0%	65.3	62.3	0.3	4.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W79/F01	1.9	1.5	0.4	21.1%	61.6	55.4	0.5	10.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W80/F01	2	1.6	0.4	20.0%	64.1	58.8	0.5	8.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W81/F01	0.7	0.3	0.4	57.1%	56.8	38.4	1.0	32.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F01	0.1	0.1	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R58	RESIDENTIAL	UNKNOWN-RESI		W83/F01	26.6	25.5	1.1	4.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F02	27.3	26.9	0.4	1.5%	93.5	93.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F02	27.2	26.7	0.5	1.8%	82.5	82.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F02	26.9	26.5	0.4	1.5%	81.9	81.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F02	27.6	26.5	1.1	4.0%	93.8	81	2.4	13.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F02	25	23.7	1.3	5.2%	92	87.4	0.8	5.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F02	15.6	15.2	0.4	2.6%	98.3	95.2	0.4	3.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F02	29	27.6	1.4	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F02	21.3	20.4	0.9	4.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F02	26.3	24.9	1.4	5.3%	93	93	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F02	18.7	18.1	0.6	3.2%	98.4	97.2	0.1	1.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F02	29.9	28.4	1.5	5.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F02	20.4	19.5	0.9	4.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F02	26.7	25.1	1.6	6.0%	92.9	92.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F02	20	19.3	0.7	3.5%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F02	29.7	28.1	1.6	5.4%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F02	18.5	17.6	0.9	4.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F02	26.9	25.2	1.7	6.3%	90.2	90.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F02	25.6	24.3	1.3	5.1%	98.8	96.6	0.3	2.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F02	25.5	24.1	1.4	5.5%	95.6	95.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F02	0.1	0	0.1	100.0%	0.1	0	0.0	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F02	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F02	1.1	1.1	0	0.0%	67.5	62.4	0.7	7.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F02	2.3	1.3	1	43.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F02	2.6	1.9	0.7	26.9%	49.4	46.2	0.4	6.6%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F02	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F02	2.8	1.7	1.1	39.3%	69.5	66	0.4	5.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F02	2.2	0.8	1.4	63.6%	29.4	29.3	0.0	0.6%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F02	0.2	0	0.2	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F02	3.8	2	1.8	47.4%	63.4	63.3	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F02	1.7	1.7	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F02	26.5	23.8	2.7	10.2%	95	95	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F02	27.1	24.4	2.7	10.0%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F02	27.9	27.4	0.5	1.8%	90	90	0.0	0.0%	34	6	34	6	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F02	18.7	18.7	0	0.0%	98.4	98.4	0.0	0.0%	40	8	40	8	0.0%	0.0%
			UNKNOWN-RESI		W35/F02	31	29.8	1.2	3.9%					44	9	44	9	0.0%	0.0%
			UNKNOWN-RESI		W36/F02	22.1	19.1	3	13.6%					13	3	13	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F02	27.9	27.5	0.4	1.4%	92.9	92.9	0.0	0.0%	34	9	34	9	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F02	20.6	20.6	0	0.0%	98.4	98.4	0.0	0.0%	41	11	41	11	0.0%	0.0%
			UNKNOWN-RESI		W39/F02	31.6	30.2	1.4	4.4%					48	13	48	13	0.0%	0.0%
			UNKNOWN-RESI		W40/F02	21.3	18.3	3	14.1%					13	3	13	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F02	28	27.4	0.6	2.1%	92.9	92.9	0.0	0.0%	35	9	35	9	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F02	21.5	21.5	0	0.0%	98.3	98.3	0.0	0.0%	42	13	42	13	0.0%	0.0%
			UNKNOWN-RESI		W43/F02	31.2	29.9	1.3	4.2%					47	13	47	13	0.0%	0.0%
			UNKNOWN-RESI		W44/F02	18.2	16.9	1.3	7.1%					17	1	17	1	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F02	26.9	26.7	0.2	0.7%	91.2	91.2	0.0	0.0%	34	7	34	7	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F02	28	28	0	0.0%	87	87	0.0	0.0%	49	13	49	13	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F02	31.4	23.6	7.8	24.8%	96.6	74.5	3.3	22.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F02	31.7	23.3	8.4	26.5%	97.4	79.2	2.4	18.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F02	31.8	22.7	9.1	28.6%	99.1	80	3.0	19.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F02	31.5	21.5	10	31.7%	98.3	68.2	4.1	30.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F02	29.4	18.6	10.8	36.7%	96	66.8	4.5	30.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F02	31.5	19.3	12.2	38.7%	98.6	63.3	5.4	35.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F02	31.6	19.1	12.5	39.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F02	4.6	0	4.6	100.0%	84.4	3.7	2.1	95.6%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W55/F02	5	0.2	4.8	96.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F02	3.3	0.3	3	90.9%	85.4	27.1	4.2	68.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F02	5.9	0.4	5.5	93.2%	90.1	36.3	6.0	59.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W60/F02	1.5	0.2	1.3	86.7%	79.7	24.6	3.8	69.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W64/F02	3.6	0.1	3.5	97.2%	47.1	0.1	1.9	99.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	KITCHEN-RESI (1)		W65/F02	4.7	0	4.7	100.0%	63.4	15	4.7	76.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R47	RESIDENTIAL	KITCHEN-RESI (1)		W68/F02	4.7	0	4.7	100.0%	88.4	28	3.7	68.4%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R50	RESIDENTIAL	KITCHEN-RESI (1)		W72/F02	31.5	19.8	11.7	37.1%	93.8	60.1	2.5	36.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	BEDROOM		W73/F02	31.4	31.1	0.3	1.0%	99.3	99.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W74/F02	4	3.9	0.1	2.5%	64.5	62.9	0.1	2.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F02	2.8	2.7	0.1	3.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W76/F02	2	1.7	0.3	15.0%	45.8	42.2	0.4	7.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W77/F02	2.4	1.9	0.5	20.8%	79.4	73.2	0.8	7.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W78/F02	2.1	1.8	0.3	14.3%	75.5	68.9	0.6	8.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W79/F02	2.4	1.8	0.6	25.0%	71.6	60.6	0.9	15.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W80/F02	2.7	1.9	0.8	29.6%	73.5	66	0.7	10.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R58	RESIDENTIAL	UNKNOWN-RESI		W81/F02	1.5	0.5	1	66.7%	68.3	43.5	1.4	36.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F02	0.4	0.3	0.1	25.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R59	RESIDENTIAL	UNKNOWN-RESI		W83/F02	28.7	27.2	1.5	5.2%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F03	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F03	29.3	28.9	0.4	1.4%	99.3	99.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F03	29.2	28.8	0.4	1.4%	91.6	91.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F03	29	28.4	0.6	2.1%	91	91	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F03	29.7	28.6	1.1	3.7%	96.9	84.3	2.3	13.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F03	26.8	25.5	1.3	4.9%	96.2	95.2	0.2	1.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F03	19.3	18.9	0.4	2.1%	98.4	98.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F03	30.8	29.4	1.4	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F03	22.9	22	0.9	3.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F03	27.7	26.2	1.5	5.4%	93.1	93.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F03	20.6	20	0.6	2.9%	98.5	98.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F03	31.5	30	1.5	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F03	22.1	21.3	0.8	3.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F03	28	26.4	1.6	5.7%	92.7	92.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F03	21.6	20.9	0.7	3.2%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F03	31.4	29.8	1.6	5.1%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F03	21.3	20.5	0.8	3.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F03	28.8	27.1	1.7	5.9%	91.8	91.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F03	27.3	26	1.3	4.8%	98.8	98.1	0.1	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F03	27.6	26.3	1.3	4.7%	95.5	95.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F03	0.1	0	0.1	100.0%	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F03	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F03	1.6	1.5	0.1	6.3%	76.1	74.1	0.3	2.7%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F03	2.7	1.6	1.1	40.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F03	3.2	2.4	0.8	25.0%	66.2	64.9	0.1	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F03	0	0	0	-					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F03	3.2	2	1.2	37.5%	84.4	84.2	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F03	2.3	0.9	1.4	60.9%	30	29.9	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F03	0.2	0	0.2	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F03	4.1	2.3	1.8	43.9%	81.4	81.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F03	2.2	2.2	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F03	28.4	25.7	2.7	9.5%	95.8	95.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F03	28.7	26.1	2.6	9.1%	98.6	98.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F03	29.8	29.3	0.5	1.7%	91.5	91.5	0.0	0.0%	38	6	38	6	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F03	21.6	21.6	0	0.0%	98.5	98.5	0.0	0.0%	47	10	47	10	0.0%	0.0%
			UNKNOWN-RESI		W35/F03	32.7	31.5	1.2	3.7%					48	10	48	10	0.0%	0.0%
			UNKNOWN-RESI		W36/F03	23.4	20.6	2.8	12.0%					22	3	22	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F03	29.2	28.8	0.4	1.4%	92.9	92.9	0.0	0.0%	38	9	38	9	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F03	22.4	22.4	0	0.0%	98.5	98.5	0.0	0.0%	45	12	45	12	0.0%	0.0%
			UNKNOWN-RESI		W39/F03	33.1	31.7	1.4	4.2%					52	15	52	15	0.0%	0.0%
			UNKNOWN-RESI		W40/F03	22.9	19.9	3	13.1%					20	3	20	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F03	29.3	28.7	0.6	2.0%	92.9	92.9	0.0	0.0%	36	9	36	9	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F03	23.2	23.2	0	0.0%	98.5	98.5	0.0	0.0%	47	14	47	14	0.0%	0.0%
			UNKNOWN-RESI		W43/F03	32.8	31.5	1.3	4.0%					51	15	51	15	0.0%	0.0%
			UNKNOWN-RESI		W44/F03	21.7	20	1.7	7.8%					20	1	20	1	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F03	28.6	28.5	0.1	0.3%	96	96	0.0	0.0%	38	8	38	8	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F03	29.9	29.9	0	0.0%	91.8	91.8	0.0	0.0%	57	15	57	15	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F03	32.5	25.1	7.4	22.8%	97.6	76.6	3.1	21.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F03	32.6	24.7	7.9	24.2%	98.4	81	2.3	17.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F03	32.7	24	8.7	26.6%	99	80.6	2.9	18.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F03	32.5	22.9	9.6	29.5%	98.3	69.1	3.9	29.7%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F03	30.3	20	10.3	34.0%	96.6	68.2	4.4	29.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F03	32.4	20.6	11.8	36.4%	98.6	65.5	5.0	33.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F03	32.4	20.4	12	37.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F03	4.4	0	4.4	100.0%	78.5	0.8	2.0	98.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W55/F03	4.9	0.3	4.6	93.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F03	3.7	0.6	3.1	83.8%	85.2	30.3	3.9	64.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F03	5.5	0.5	5	90.9%	89.3	42.6	5.2	52.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W60/F03	1.8	0.2	1.6	88.9%	79.7	24.3	3.9	69.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W64/F03	5	0.1	4.9	98.0%	84.9	4.3	3.7	94.9%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W65/F03	2.1	0.1	2	95.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	KITCHEN-RESI (1)		W66/F03	3.8	0	3.8	100.0%	83.6	20.5	4.2	75.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	KITCHEN-RESI (1)		W68/F03	4.5	0.1	4.4	97.8%	60.1	5.4	3.4	91.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R48	RESIDENTIAL	KITCHEN-RESI (1)		W71/F03	32.3	21	11.3	35.0%	93.4	66.5	2.0	28.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	BEDROOM		W72/F03	33.9	33.5	0.4	1.2%	97.9	97.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W73/F03	34.1	33.7	0.4	1.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W74/F03	4.9	4.7	0.2	4.1%	72.1	68.6	0.2	4.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F03	3.7	3.3	0.4	10.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W76/F03	2.9	2.3	0.6	20.7%	64.4	48.3	2.0	25.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W77/F03	3.7	2.7	1	27.0%	91.9	79.1	1.7	14.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W78/F03	3.2	2.4	0.8	25.0%	91.2	75.9	1.5	16.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W79/F03	3.7	2.4	1.3	35.1%	86.7	72.3	1.2	16.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W80/F03	4	2.7	1.3	32.5%	87	76.3	1.0	12.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W81/F03	2.3	0.7	1.6	69.6%	68.6	51.4	1.0	25.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F03	0.9	0.6	0.3	33.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W83/F03	30.8	28.9	1.9	6.2%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F04	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F04	31.1	30.6	0.5	1.6%	80.5	78.3	0.3	2.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F04	30.8	30.3	0.5	1.6%	84.2	82.6	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F04	28.4	27.3	1.1	3.9%	76	71.1	0.6	6.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F04	30.3	28.9	1.4	4.6%	98.4	96.9	0.2	1.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F04	23.9	23.4	0.5	2.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W6/F04	32.5	31	1.5	4.6%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W7/F04	26.2	25.3	0.9	3.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W8/F04	29.6	28.2	1.4	4.7%	96.7	94.8	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F04	24.1	23.5	0.6	2.5%	99.9	99.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W10/F04	33	31.5	1.5	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F04	25.6	24.7	0.9	3.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W12/F04	29.9	28.4	1.5	5.0%	96.6	95	0.2	1.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F04	24.9	24.2	0.7	2.8%	99.9	99.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W14/F04	33	31.4	1.6	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F04	24.9	24	0.9	3.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W16/F04	31.2	29.6	1.6	5.1%	96.7	95.1	0.3	1.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F04	30.1	28.8	1.3	4.3%	84.8	76.1	1.1	10.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F04	31.8	30.5	1.3	4.1%	94.4	94.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F04	1.7	0.6	1.1	64.7%	26.7	23.9	0.4	10.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W20/F04	0.1	0	0.1	100.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W21/F04	13.4	12	1.4	10.4%	95.8	95.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F04	14.7	13.2	1.5	10.2%	92.1	92.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F04	18.4	17.3	1.1	6.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F04	17.3	16	1.3	7.5%	94.9	94.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W25/F04	12.1	10.2	1.9	15.7%	92.5	92.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W26/F04	12.2	10.3	1.9	15.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F04	19.8	17.6	2.2	11.1%	97.2	97.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F04	12.7	12.4	0.3	2.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F04	32.5	29.9	2.6	8.0%	96.5	96.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W30/F04	31.3	28.9	2.4	7.7%	86.1	86.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W31/F04	32.3	31.9	0.4	1.2%	97.8	97.8	0.0	0.0%	48	9	48	9	0.0%	0.0%
	R22	RESIDENTIAL	UNKNOWN-RESI		W32/F04	25.2	25.2	0	0.0%	99.9	99.9	0.0	0.0%	55	13	55	13	0.0%	0.0%
			UNKNOWN-RESI		W33/F04	34.2	33.1	1.1	3.2%					54	15	54	15	0.0%	0.0%
			UNKNOWN-RESI		W34/F04	26.4	23.8	2.6	9.8%					23	3	23	3	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W35/F04	31.1	30.7	0.4	1.3%	97.2	97.2	0.0	0.0%	41	9	41	9	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W36/F04	26	26	0	0.0%	99.9	99.9	0.0	0.0%	54	13	54	13	0.0%	0.0%
			UNKNOWN-RESI		W37/F04	34.5	33.1	1.4	4.1%					55	17	55	17	0.0%	0.0%

(1) KITCHEN SMALLER THAN 13m2

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(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W38/F04	26.1	23	3.1	11.9%					52	8	52	8	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W39/F04	31.1	30.6	0.5	1.6%	96.4	96.4	0.0	0.0%	41	9	41	9	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W40/F04	26.5	26.5	0	0.0%	100	100	0.0	0.0%	56	15	56	15	0.0%	0.0%
			UNKNOWN-RESI		W41/F04	34.3	32.9	1.4	4.1%					55	17	55	17	0.0%	0.0%
			UNKNOWN-RESI		W42/F04	26.2	23.1	3.1	11.8%					52	7	52	7	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W43/F04	31.9	31	0.9	2.8%	97.9	97.3	0.1	0.6%	44	9	44	9	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W44/F04	29.4	29.4	0	0.0%	76.7	76.7	0.0	0.0%	57	18	57	18	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W45/F04	33.8	26.9	6.9	20.4%	70.4	55.7	2.7	20.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R30	RESIDENTIAL	UNKNOWN-RESI		W46/F04	34	26.3	7.7	22.6%	76	73.8	0.3	3.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W47/F04	34	25.2	8.8	25.9%	92.8	72.7	2.0	21.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W48/F04	31.1	22.4	8.7	28.0%	84.5	57.2	3.2	32.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W49/F04	33.1	21.8	11.3	34.1%	98.6	67.7	4.7	31.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W50/F04	33.1	21.6	11.5	34.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F04	5.2	0	5.2	100.0%	85.3	4.7	4.5	94.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W52/F04	6	0.5	5.5	91.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W53/F04	4.5	1.1	3.4	75.6%	89.2	38.9	3.4	56.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F04	4.1	0.3	3.8	92.7%	88.7	49.1	4.4	44.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	UNKNOWN-RESI		W55/F04	0.5	0.3	0.2	40.0%	80.6	19.8	3.4	75.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W56/F04	3.4	0.1	3.3	97.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F04	2.3	0.5	1.8	78.3%	60.8	15.1	4.5	75.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R39	RESIDENTIAL	UNKNOWN-RESI		W58/F04	33	20.4	12.6	38.2%	92.1	53.6	4.1	41.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W59/F04	33	20.4	12.6	38.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	UNKNOWN-RESI		W60/F04	31.4	20	11.4	36.3%	70.2	34.7	5.7	50.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R41	RESIDENTIAL	UNKNOWN-RESI		W61/F04	33.5	22.3	11.2	33.4%	80.8	45.4	5.1	43.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	UNKNOWN-RESI		W62/F04	33.4	22.6	10.8	32.3%	81.1	50.2	3.6	38.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	UNKNOWN-RESI		W63/F04	35.3	34.9	0.4	1.1%	68.2	68.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	UNKNOWN-RESI		W64/F04	6.4	5.5	0.9	14.1%	85.4	74.2	0.6	13.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W65/F04	5	3.9	1.1	22.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R45	RESIDENTIAL	UNKNOWN-RESI		W66/F04	2.4	1.3	1.1	45.8%	91.1	78.1	1.6	14.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	UNKNOWN-RESI		W67/F04	4.1	2.9	1.2	29.3%	93.1	77.9	2.0	16.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R47	RESIDENTIAL	UNKNOWN-RESI		W68/F04	4.3	3	1.3	30.2%	75.3	54.2	2.0	28.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R48	RESIDENTIAL	UNKNOWN-RESI		W69/F04	4.1	2.5	1.6	39.0%	90.7	72.7	3.1	19.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	UNKNOWN-RESI		W70/F04	3.8	2	1.8	47.4%	87.6	78.3	0.6	10.6%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W71/F04	2.1	0.5	1.6	76.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W72/F04	33.1	31	2.1	6.3%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F05	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F05	33.2	31.8	1.4	4.2%	91.7	87.4	0.6	4.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F05	33.8	32.4	1.4	4.1%	92.1	87.7	0.6	4.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F05	34	32.5	1.5	4.4%	92	87.8	0.5	4.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F05	34	32.5	1.5	4.4%	91.8	88.2	0.5	4.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F05	33.9	32.4	1.5	4.4%	91.7	87.8	0.5	4.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F05	33.5	32.2	1.3	3.9%	90.9	90.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W7/F05	33.2	31.7	1.5	4.5%	91.2	91.2	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W8/F05	1.5	1.3	0.2	13.3%	90.2	87.7	0.3	2.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W9/F05	1.7	1.4	0.3	17.6%	85.1	57.4	2.7	32.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W10/F05	1.7	1.2	0.5	29.4%	94	79.7	1.8	15.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W11/F05	2	1.4	0.6	30.0%	80.3	79.7	0.1	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W12/F05	33.5	31.1	2.4	7.2%	90.4	90.1	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W13/F05	34.2	31.7	2.5	7.3%	90.4	84.8	0.8	6.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W14/F05	35.7	34.6	1.1	3.1%	92.3	91.9	0.0	0.4%	55	16	55	16	0.0%	0.0%
	R15	RESIDENTIAL	UNKNOWN-RESI		W15/F05	35.8	34.6	1.2	3.4%	92.2	91.7	0.1	0.5%	55	16	55	16	0.0%	0.0%
	R16	RESIDENTIAL	UNKNOWN-RESI		W16/F05	35.9	34.6	1.3	3.6%	92.2	91.7	0.1	0.6%	57	18	57	18	0.0%	0.0%
	R17	RESIDENTIAL	UNKNOWN-RESI		W17/F05	35.8	34.4	1.4	3.9%	92.4	91.7	0.1	0.7%	57	18	57	18	0.0%	0.0%
	R18	RESIDENTIAL	UNKNOWN-RESI		W18/F05	35.2	33.9	1.3	3.7%	92.4	91.6	0.1	0.8%	58	18	58	18	0.0%	0.0%
	R19	RESIDENTIAL	UNKNOWN-RESI		W19/F05	34.8	23.8	11	31.6%	94.1	48.1	5.9	48.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W20/F05	34.7	23.3	11.4	32.9%	94.1	43.4	6.5	53.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W21/F05	34.7	23.1	11.6	33.4%	94.1	42	6.7	55.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W24/F05	33.8	32	1.8	5.3%	93	80	2.0	13.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R23	RESIDENTIAL	UNKNOWN-RESI		W23/F05	35	32.9	2.1	6.0%	96.3	92.4	0.5	4.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R24	RESIDENTIAL	UNKNOWN-RESI		W25/F05 / INC (2)	68.7	66.6	2.1	3.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W26/F05 / INC (2)	68.8	66.8	2	2.9%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W27/F05 / INC (2)	68.8	66.8	2	2.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R25	RESIDENTIAL	UNKNOWN-RESI		W22/F05	35.8	33.6	2.2	6.1%	94.4	83.9	1.6	11.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

APPENDIX 04
RESULTS & CONTOURS:

EXISTING v PROPOSED (WITHOUT BALCONIES) (RESULTS)

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
CHAMBERLAIN HOUSE																			
F00	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F00	17.4	16.9	0.5	2.9%	15.9	15.3	0.1	3.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F00	17.2	16.6	0.6	3.5%	31.5	31.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F00	17.3	16.3	1	5.8%	97.6	97.3	0.3	0.4%	17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W7/F00	17.3	16.2	1.1	6.4%					17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W8/F00	17.3	16.1	1.2	6.9%					17	3	15	2	11.8%	33.3%
			UNKNOWN-RESI		W9/F00	27.7	24.7	3	10.8%					63	18	57	17	9.5%	5.6%
			UNKNOWN-RESI		W10/F00	27.2	24.2	3	11.0%					61	16	55	14	9.8%	12.5%
			UNKNOWN-RESI		W11/F00	26.4	23.7	2.7	10.2%					57	15	52	14	8.8%	6.7%
			UNKNOWN-RESI		W12/F00	24.6	23.2	1.4	5.7%					47	14	44	14	6.4%	0.0%
F01	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F01	16	15.4	0.6	3.7%	79.9	79.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W7/F01	1.2	1.2	0	0.0%	48.4	48.4	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F01	19	17.7	1.3	6.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W12/F01	30.5	27.7	2.8	9.2%	93.7	93.7	0.0	0.0%	69	22	63	20	8.7%	9.1%
	R12	RESIDENTIAL	UNKNOWN-RESI		W13/F01	30.3	27.4	2.9	9.6%	92.5	92.3	0.0	0.2%	68	21	62	19	8.8%	9.5%
	R13	RESIDENTIAL	UNKNOWN-RESI		W14/F01	29.8	27.2	2.6	8.7%	97	92.5	2.0	4.7%	63	19	59	18	6.3%	5.3%
			UNKNOWN-RESI		W15/F01	29.8	27.9	1.9	6.4%					59	18	56	18	5.1%	0.0%
			UNKNOWN-RESI		W16/F01	28	26.5	1.5	5.4%					52	16	50	16	3.8%	0.0%
F02	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F02	1.7	1.6	0.1	5.9%	22	13.9	0.7	37.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F02	0.9	0.8	0.1	11.1%	0.1	0.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F02	1.6	1.4	0.2	12.5%	8.8	8.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F02	1.2	1.1	0.1	8.3%	25.8	11.8	1.2	54.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W6/F02	0.5	0.5	0	0.0%	19.5	19.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W5/F02	2.1	2.1	0	0.0%	58.9	58.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F02	20.3	19	1.3	6.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W8/F02	33.1	30.4	2.7	8.2%	93.7	93.7	0.0	0.0%	74	26	68	24	8.1%	7.7%
	R8	RESIDENTIAL	UNKNOWN-RESI		W9/F02	33.4	30.7	2.7	8.1%	97.9	97.7	0.0	0.2%	73	25	68	23	6.8%	8.0%
	R9	RESIDENTIAL	UNKNOWN-RESI		W10/F02	33.3	30.7	2.6	7.8%	97.3	96.8	0.2	0.5%	68	23	63	21	7.4%	8.7%
			UNKNOWN-RESI		W11/F02	33	30.7	2.3	7.0%					63	22	59	21	6.3%	4.5%
			UNKNOWN-RESI		W12/F02	30.9	28.7	2.2	7.1%					56	19	52	18	7.1%	5.3%
F03	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F03	1.7	1.6	0.1	5.9%	32.9	27.5	0.4	16.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F03	0.7	0.7	0	0.0%	31.5	26.8	0.5	15.0%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
CHAMBERLAIN HOUSE (CONTINUED)																			
	R9	RESIDENTIAL	UNKNOWN-RESI		W10/F03	21.7	20.3	1.4	6.5%	96.8	96.8	0.0	0.0%	58	5	58	5	0.0%	0.0%
			UNKNOWN-RESI		W11/F03	34.7	32.2	2.5	7.2%					75	26	70	24	6.7%	7.7%
	R10	RESIDENTIAL	UNKNOWN-RESI		W12/F03	35.1	32.6	2.5	7.1%	96.7	96.5	0.0	0.2%	75	26	70	24	6.7%	7.7%
	R11	RESIDENTIAL	UNKNOWN-RESI		W13/F03	35.3	32.9	2.4	6.8%	97.3	96.9	0.2	0.4%	72	24	67	22	6.9%	8.3%
			UNKNOWN-RESI		W14/F03	35	32.7	2.3	6.6%					66	23	61	21	7.6%	8.7%
			UNKNOWN-RESI		W15/F03	32.7	30.4	2.3	7.0%					57	20	52	18	8.8%	10.0%
F04	R2	RESIDENTIAL	OFFICE		W2/F04	25	24.5	0.5	2.0%	39.4	39.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F04	24.2	23.4	0.8	3.3%	30.7	30.6	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F04	23.8	22.6	1.2	5.0%	33.2	31.6	0.2	4.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W7/F04	36	33.7	2.3	6.4%	88.3	83.5	0.7	5.4%	75	27	71	25	5.3%	7.4%
	R8	RESIDENTIAL	UNKNOWN-RESI		W8/F04	36.2	33.9	2.3	6.4%	82.1	71.4	3.2	13.0%	72	26	68	24	5.6%	7.7%
			UNKNOWN-RESI		W9/F04	32.9	30.8	2.1	6.4%					58	18	55	16	5.2%	11.1%
HADSTOCK HOUSE																			
F00	R1	RESIDENTIAL	KITCHEN-RESI (1)		W1/F00	22.6	17.4	5.2	23.0%	73.9	46.2	1.7	37.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN-RESI (1)		W4/F00	24.8	18.9	5.9	23.8%	94.7	94.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN-RESI (1)		W7/F00	26.2	19.8	6.4	24.4%	99.9	99.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	KITCHEN-RESI (1)		W15/F00	27.9	20.5	7.4	26.5%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	KITCHEN-RESI (1)		W19/F00	28.4	20.3	8.1	28.5%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	KITCHEN-RESI (1)		W22/F00	28.6	19.6	9	31.5%	100	96.1	0.2	3.9%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	BEDROOM		W1/F01	14.8	10.1	4.7	31.8%	62.1	46.5	1.9	25.1%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W2/F01	21.8	17	4.8	22.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W3/F01	21.5	16.6	4.9	22.8%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W4/F01	14.7	9.8	4.9	33.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM		W7/F01	23.5	17.9	5.6	23.8%	77.1	75.6	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W8/F01	16.4	11	5.4	32.9%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W9/F01	16.7	11.1	5.6	33.5%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W10/F01	23.7	18	5.7	24.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM		W13/F01	24.8	18.8	6	24.2%	87.3	80.1	0.9	8.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W14/F01	17.8	11.8	6	33.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W15/F01	18	12	6	33.3%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
HADSTOCK HOUSE (CONTINUED)																			
			BEDROOM		W16/F01	25	18.9	6.1	24.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	BEDROOM		W22/F01	19.4	12.3	7.1	36.6%	90	82.7	0.9	8.0%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W23/F01	26.4	19.3	7.1	26.9%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W24/F01	19.7	12.6	7.1	36.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W25/F01	26.8	19.5	7.3	27.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	BEDROOM		W28/F01	27	19.1	7.9	29.3%	95.6	83.8	1.4	12.4%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W29/F01	26.9	19.2	7.7	28.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W30/F01	28.4	20.7	7.7	27.1%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W31/F01	27.4	19.6	7.8	28.5%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W32/F01	27.6	19.6	8	29.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W33/F01	28.5	20.7	7.8	27.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	BEDROOM		W36/F01	20.3	11.7	8.6	42.4%	97.7	76.3	2.6	21.9%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W37/F01	27.2	18.6	8.6	31.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W38/F01	20.8	12.2	8.6	41.3%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W39/F01	27.9	19.2	8.7	31.2%					N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	KITCHEN-RESI (1)		W1/F02	24.9	20.2	4.7	18.9%	74.8	56.4	1.2	24.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	KITCHEN-RESI (1)		W4/F02	26.8	21.4	5.4	20.1%	94.6	94.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	KITCHEN-RESI (1)		W7/F02	28.1	22.3	5.8	20.6%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	KITCHEN-RESI (1)		W12/F02	29.7	22.9	6.8	22.9%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	KITCHEN-RESI (1)		W15/F02	30.2	22.8	7.4	24.5%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	KITCHEN-RESI (1)		W18/F02	30.5	22.2	8.3	27.2%	100	96.2	0.2	3.8%	N/A	N/A	N/A	N/A	N/A	N/A
F03	R1	RESIDENTIAL	BEDROOM		W1/F03	24	19.7	4.3	17.9%	67.5	54.5	1.6	19.3%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W2/F03	17	12.8	4.2	24.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W3/F03	24	19.5	4.5	18.8%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W4/F03	17.1	12.7	4.4	25.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	BEDROOM		W7/F03	25.4	20.4	5	19.7%	79.4	79.2	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W8/F03	18.4	13.5	4.9	26.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W9/F03	18.7	13.7	5	26.7%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W10/F03	25.7	20.6	5.1	19.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	BEDROOM		W13/F03	26.7	21.2	5.5	20.6%	89.6	84.9	0.6	5.3%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W14/F03	19.7	14.3	5.4	27.4%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
HADSTOCK HOUSE (CONTINUED)																			
			BEDROOM		W15/F03	19.9	14.4	5.5	27.6%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W16/F03	26.9	21.4	5.5	20.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	BEDROOM		W21/F03	21.1	14.7	6.4	30.3%	94.8	88.5	0.7	6.6%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W22/F03	28.2	21.7	6.5	23.0%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W23/F03	21.4	14.9	6.5	30.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W24/F03	28.4	21.8	6.6	23.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	BEDROOM		W27/F03	28.7	21.6	7.1	24.7%	98.9	87.8	1.3	11.2%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W28/F03	21.7	14.7	7	32.3%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W29/F03	21.9	14.8	7.1	32.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W30/F03	28.9	21.8	7.1	24.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	BEDROOM		W33/F03	22.1	14.3	7.8	35.3%	99.6	81.9	2.1	17.8%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W34/F03	29.1	21.2	7.9	27.1%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W35/F03	22.3	14.4	7.9	35.4%					N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W36/F03	29.4	21.4	8	27.2%					N/A	N/A	N/A	N/A	N/A	N/A
LEVITA HOUSE																			
F00	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F00	18	17.7	0.3	1.7%	59.5	59.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F00	22.7	22.3	0.4	1.8%	54.9	54.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F00	22.7	22.3	0.4	1.8%	54.5	54.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F00	24.6	23.6	1	4.1%	84.6	73.3	2.1	13.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F00	22.5	21.4	1.1	4.9%	82.4	73.2	1.5	11.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F00	12.1	11.7	0.4	3.3%	98.9	91.8	0.9	7.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F00	25.8	24.5	1.3	5.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F00	19.1	18.2	0.9	4.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F00	24.1	22.7	1.4	5.8%	94	93.9	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F00	15.8	15.3	0.5	3.2%	99.7	92.4	0.9	7.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F00	26.7	25.2	1.5	5.6%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F00	17.7	16.7	1	5.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F00	24.4	22.9	1.5	6.1%	95	95	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F00	17.6	16.9	0.7	4.0%	99.7	93.5	0.8	6.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F00	26.5	24.8	1.7	6.4%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W16/F00	15	14	1	6.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F00	24.2	22.4	1.8	7.4%	91.6	91.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F00	23	21.7	1.3	5.7%	80.9	75	0.8	7.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F00	22.8	21.4	1.4	6.1%	74.6	74.2	0.0	0.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F00	26.1	24.6	1.5	5.7%	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F00	26.5	25	1.5	5.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F00	17.1	15.4	1.7	9.9%	27.7	27.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F00	26.5	24.8	1.7	6.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F00	27.2	25.3	1.9	7.0%	23.5	18.8	0.5	19.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F00	23.1	21.2	1.9	8.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F00	24.4	22.3	2.1	8.6%	38.6	31	0.9	19.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F00	0	0	0	-	7.5	7.2	0.0	4.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F00	18.4	16	2.4	13.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F00	27.3	24.8	2.5	9.2%	12.7	12.6	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W30/F00	21.8	19.1	2.7	12.4%	86.7	85	0.2	2.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W31/F00	23.9	21.1	2.8	11.7%	85.3	85.2	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W32/F00	24.4	24	0.4	1.6%	91.4	91.3	0.0	0.0%	24	2	24	2	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W33/F00	14.9	14.9	0	0.0%	98.1	98.1	0.0	0.0%	31	4	31	4	0.0%	0.0%
			UNKNOWN-RESI		W34/F00	27.6	26.4	1.2	4.3%					34	6	34	6	0.0%	0.0%
			UNKNOWN-RESI		W35/F00	20.2	17	3.2	15.8%					17	2	17	2	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W36/F00	25.5	25.1	0.4	1.6%	94.4	94.4	0.0	0.0%	31	6	31	6	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W37/F00	17.7	17.7	0	0.0%	97.2	97.1	0.0	0.1%	35	7	35	7	0.0%	0.0%
			UNKNOWN-RESI		W38/F00	28.5	27	1.5	5.3%					38	6	38	6	0.0%	0.0%
			UNKNOWN-RESI		W39/F00	18.9	16	2.9	15.3%					16	2	16	2	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W40/F00	25.8	25.1	0.7	2.7%	92.6	92.6	0.0	0.0%	32	7	32	7	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W41/F00	19.2	19.2	0	0.0%	97.2	96.4	0.1	0.8%	36	8	36	8	0.0%	0.0%
			UNKNOWN-RESI		W42/F00	28.1	26.7	1.4	5.0%					42	9	42	9	0.0%	0.0%
			UNKNOWN-RESI		W43/F00	15	13.5	1.5	10.0%					14	0	14	0	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W44/F00	24.5	24.1	0.4	1.6%	78.1	78	0.0	0.0%	32	6	32	6	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W45/F00	24.8	24.8	0	0.0%	78.6	78.6	0.0	0.0%	44	11	44	11	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W46/F00	29	20.1	8.9	30.7%	93.9	52.4	6.2	44.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R31	RESIDENTIAL	UNKNOWN-RESI		W47/F00	29.2	19.6	9.6	32.9%	94.9	55.5	5.3	41.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W48/F00	23.7	13.4	10.3	43.5%	97.7	56.8	6.4	41.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W49/F00	29.2	18.2	11	37.7%	98.3	61.7	4.9	37.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W50/F00	27.5	16	11.5	41.8%	93.6	60.6	5.1	35.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	KITCHEN-RESI (1)		W54/F00	30.4	16.7	13.7	45.1%	73.1	0.8	5.2	98.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W57/F00	29.1	14.8	14.3	49.1%	75.7	0	5.3	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	KITCHEN-RESI (1)		W59/F00	29	15.5	13.5	46.6%	64.2	0	2.6	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W60/F00	29.5	16	13.5	45.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W61/F00	30	16.7	13.3	44.3%	61.2	2.9	5.7	95.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R45	RESIDENTIAL	KITCHEN-RESI (1)		W63/F00	30.2	17.3	12.9	42.7%	85.4	8.8	4.7	89.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R48	RESIDENTIAL	KITCHEN-RESI (1)		W67/F00	29.9	17.4	12.5	41.8%	93.4	55.2	2.8	40.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	BEDROOM		W68/F00	26.2	25.8	0.4	1.5%	90.9	90.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W69/F00	17.4	17.3	0.1	0.6%	24	23.8	0.0	0.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W70/F00	19.5	19.5	0	0.0%	15.4	15.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W71/F00	21	20.9	0.1	0.5%	10.5	10.1	0.0	4.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W72/F00	22.5	22.3	0.2	0.9%	26.3	25.5	0.1	3.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W73/F00	23.4	23.1	0.3	1.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W74/F00	24.6	24.2	0.4	1.6%	39	37.9	0.2	2.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W75/F00	25	24.4	0.6	2.4%	4.4	4.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W76/F00	25.3	24.6	0.7	2.8%	26.7	23.8	0.3	10.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W77/F00	23.2	22.5	0.7	3.0%	70.2	70.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F01	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F01	25.2	24.8	0.4	1.6%	75.7	75.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F01	25.1	24.7	0.4	1.6%	67.1	67.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F01	24.9	24.5	0.4	1.6%	66.8	66.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F01	26	25	1	3.8%	88.9	76.8	2.3	13.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F01	23.6	22.4	1.2	5.1%	87	79.3	1.3	8.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F01	13.5	13.1	0.4	3.0%	97.7	91.9	0.7	6.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F01	27.3	26	1.3	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F01	20.1	19.2	0.9	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F01	25.1	23.7	1.4	5.6%	93	93	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F01	17.1	16.6	0.5	2.9%	98.3	93	0.7	5.4%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W11/F01	28.3	26.8	1.5	5.3%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F01	18.9	18	0.9	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F01	25.4	23.9	1.5	5.9%	92.8	92.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F01	18.8	18	0.8	4.3%	98.3	94.6	0.5	3.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F01	28.1	26.4	1.7	6.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F01	16.5	15.6	0.9	5.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F01	25.4	23.7	1.7	6.7%	89.7	89.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F01	24.2	22.9	1.3	5.4%	90.5	87.2	0.5	3.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F01	23.9	22.5	1.4	5.9%	85.7	85.5	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F01	27.7	26.3	1.4	5.1%	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F01	28.2	26.7	1.5	5.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F01	28.5	26.9	1.6	5.6%	20.4	20.3	0.0	0.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F01	27.9	26.2	1.7	6.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F01	29.1	27.2	1.9	6.5%	28.8	24.4	0.5	15.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F01	29.4	27.6	1.8	6.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F01	29.4	27.4	2	6.8%	52.6	48.1	0.5	8.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F01	29.8	27.4	2.4	8.1%	9.2	8.7	0.1	5.7%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F01	30	27.5	2.5	8.3%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F01	29.5	27	2.5	8.5%	45.1	44.8	0.0	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F01	28.8	26.2	2.6	9.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F01	25.1	22.3	2.8	11.2%	87.7	87.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F01	25.9	23.1	2.8	10.8%	93.5	93.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F01	26.2	25.7	0.5	1.9%	89.6	89.6	0.0	0.0%	28	4	28	4	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F01	16.6	16.6	0	0.0%	97.1	97.1	0.0	0.0%	35	6	35	6	0.0%	0.0%
			UNKNOWN-RESI		W35/F01	29.3	28.1	1.2	4.1%					37	7	37	7	0.0%	0.0%
			UNKNOWN-RESI		W36/F01	21.1	18	3.1	14.7%					18	3	18	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F01	26.6	26.2	0.4	1.5%	92.9	92.9	0.0	0.0%	32	8	32	8	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F01	19.1	19.1	0	0.0%	96.2	96.1	0.0	0.0%	36	8	36	8	0.0%	0.0%
			UNKNOWN-RESI		W39/F01	30.1	28.6	1.5	5.0%					43	10	43	10	0.0%	0.0%
			UNKNOWN-RESI		W40/F01	20	17.1	2.9	14.5%					17	3	17	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F01	26.8	26.1	0.7	2.6%	92.7	92.7	0.0	0.0%	32	8	32	8	0.0%	0.0%

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F01	20.3	20.3	0	0.0%	96	95.9	0.0	0.1%	39	11	39	11	0.0%	0.0%
			UNKNOWN-RESI		W43/F01	29.6	28.3	1.3	4.4%					45	12	45	12	0.0%	0.0%
			UNKNOWN-RESI		W44/F01	16.3	14.9	1.4	8.6%					15	0	15	0	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F01	25.5	25.3	0.2	0.8%	83.6	83.6	0.0	0.0%	32	7	32	7	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F01	26.3	26.3	0	0.0%	82.6	82.6	0.0	0.0%	44	11	44	11	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F01	30.3	21.9	8.4	27.7%	95.1	71	3.6	25.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F01	30.6	21.6	9	29.4%	96.3	76.3	2.7	20.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F01	30.8	21.1	9.7	31.5%	98.7	78.5	3.1	20.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F01	30.5	20.1	10.4	34.1%	98.3	66.8	4.2	32.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F01	28.5	17.4	11.1	38.9%	95	64.7	4.7	31.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F01	30.7	18.1	12.6	41.0%	98.6	62	5.6	37.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F01	30.7	17.9	12.8	41.7%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W54/F01	3.9	2.4	1.5	38.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W55/F01	31.4	18.3	13.1	41.7%	82.7	0	2.2	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F01	31.5	18.1	13.4	42.5%	51.6	0	3.7	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R39	RESIDENTIAL	KITCHEN-RESI (1)		W59/F01	31.5	17.5	14	44.4%	79.5	0	5.6	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	KITCHEN-RESI (1)		W63/F01	29.8	16.6	13.2	44.3%	80.1	0	3.2	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W64/F01	30.2	17	13.2	43.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W65/F01	27.1	14.2	12.9	47.6%	61.1	3.9	5.6	93.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	KITCHEN-RESI (1)		W68/F01	31	18.5	12.5	40.3%	87.5	9.7	4.8	88.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	KITCHEN-RESI (1)		W72/F01	30.7	18.6	12.1	39.4%	93.8	54.8	2.9	41.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	BEDROOM		W73/F01	28.6	28.2	0.4	1.4%	94.6	94.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W74/F01	18.2	18.2	0	0.0%	22.4	22.1	0.0	1.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F01	19	19	0	0.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W76/F01	21.9	21.8	0.1	0.5%	35.6	34.9	0.1	2.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W77/F01	21.8	21.3	0.5	2.3%	65.4	62.5	0.4	4.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W78/F01	26.1	25.4	0.7	2.7%	63.4	60.3	0.3	4.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W79/F01	26.9	26	0.9	3.3%	58.4	52.7	0.5	9.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W80/F01	24.1	23.1	1	4.1%	60.2	55.4	0.5	8.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W81/F01	27.1	26.1	1	3.7%	2.9	2.8	0.0	2.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F01	27.3	26.2	1.1	4.0%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R58	RESIDENTIAL	UNKNOWN-RESI		W83/F01	26.6	25.5	1.1	4.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F02	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F02	27.3	26.9	0.4	1.5%	93.5	93.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F02	27.2	26.7	0.5	1.8%	82.5	82.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F02	26.9	26.5	0.4	1.5%	81.9	81.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F02	27.6	26.5	1.1	4.0%	93.8	81	2.4	13.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F02	25	23.7	1.3	5.2%	92	87.4	0.8	5.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F02	15.6	15.2	0.4	2.6%	98.3	95.2	0.4	3.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F02	29	27.6	1.4	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F02	21.3	20.4	0.9	4.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F02	26.3	24.9	1.4	5.3%	93	93	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F02	18.7	18.1	0.6	3.2%	98.4	97.2	0.1	1.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F02	29.9	28.4	1.5	5.0%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F02	20.4	19.5	0.9	4.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F02	26.7	25.1	1.6	6.0%	92.9	92.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F02	20	19.3	0.7	3.5%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F02	29.7	28.1	1.6	5.4%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F02	18.5	17.6	0.9	4.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F02	26.9	25.2	1.7	6.3%	90.2	90.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F02	25.6	24.3	1.3	5.1%	98.8	96.6	0.3	2.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F02	25.5	24.1	1.4	5.5%	95.5	95.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F02	29.5	28.1	1.4	4.7%	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F02	30	28.6	1.4	4.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F02	30.2	28.7	1.5	5.0%	33.3	33.2	0.0	0.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F02	29.3	27.7	1.6	5.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F02	30.7	28.9	1.8	5.9%	38.2	34.8	0.4	8.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F02	31	29.2	1.8	5.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F02	30.9	28.9	2	6.5%	65.8	63	0.3	4.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F02	31.3	28.9	2.4	7.7%	9.9	9.7	0.0	2.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F02	31.5	29.1	2.4	7.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F02	31.1	28.6	2.5	8.0%	58.7	58.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F02	30.2	27.6	2.6	8.6%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F02	26.5	23.8	2.7	10.2%	95	95	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F02	27.1	24.4	2.7	10.0%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F02	27.9	27.4	0.5	1.8%	90	90	0.0	0.0%	34	6	34	6	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F02	18.7	18.7	0	0.0%	98.4	98.4	0.0	0.0%	40	8	40	8	0.0%	0.0%
			UNKNOWN-RESI		W35/F02	31	29.8	1.2	3.9%					44	9	44	9	0.0%	0.0%
			UNKNOWN-RESI		W36/F02	22.1	19.1	3	13.6%					13	3	13	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F02	27.9	27.5	0.4	1.4%	92.9	92.9	0.0	0.0%	34	9	34	9	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F02	20.6	20.6	0	0.0%	98.4	98.4	0.0	0.0%	41	11	41	11	0.0%	0.0%
			UNKNOWN-RESI		W39/F02	31.6	30.2	1.4	4.4%					48	13	48	13	0.0%	0.0%
			UNKNOWN-RESI		W40/F02	21.3	18.3	3	14.1%					13	3	13	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F02	28	27.4	0.6	2.1%	92.9	92.9	0.0	0.0%	35	9	35	9	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F02	21.5	21.5	0	0.0%	98.3	98.3	0.0	0.0%	42	13	42	13	0.0%	0.0%
			UNKNOWN-RESI		W43/F02	31.2	29.9	1.3	4.2%					47	13	47	13	0.0%	0.0%
			UNKNOWN-RESI		W44/F02	18.2	16.9	1.3	7.1%					17	1	17	1	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F02	26.9	26.7	0.2	0.7%	91.2	91.2	0.0	0.0%	34	7	34	7	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F02	28	28	0	0.0%	87	87	0.0	0.0%	49	13	49	13	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F02	31.4	23.6	7.8	24.8%	96.6	74.5	3.3	22.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F02	31.7	23.3	8.4	26.5%	97.4	79.2	2.4	18.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F02	31.8	22.7	9.1	28.6%	99.1	80	3.0	19.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F02	31.5	21.5	10	31.7%	98.3	68.2	4.1	30.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F02	29.4	18.6	10.8	36.7%	96	66.8	4.5	30.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F02	31.5	19.3	12.2	38.7%	98.6	63.3	5.4	35.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F02	31.6	19.1	12.5	39.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F02	32.2	19.4	12.8	39.8%	80.6	0	2.1	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W55/F02	32.3	19.4	12.9	39.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F02	32.2	19.1	13.1	40.7%	79.6	1.5	5.6	98.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F02	28.6	15.2	13.4	46.9%	89	20.2	7.6	77.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W60/F02	32.3	18.7	13.6	42.1%	77.1	0	5.4	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W64/F02	31	18.2	12.8	41.3%	44.9	0	1.8	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	KITCHEN-RESI (1)		W65/F02	28	15.4	12.6	45.0%	62.9	7.9	5.3	87.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R47	RESIDENTIAL	KITCHEN-RESI (1)		W68/F02	31.9	19.7	12.2	38.2%	87.8	16.6	4.4	81.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R50	RESIDENTIAL	KITCHEN-RESI (1)		W72/F02	31.5	19.8	11.7	37.1%	93.8	60.1	2.5	36.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	BEDROOM		W73/F02	31.4	31.1	0.3	1.0%	99.3	99.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W74/F02	20.2	20.1	0.1	0.5%	38.5	34	0.3	11.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F02	21.3	21.2	0.1	0.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W76/F02	24.8	24.4	0.4	1.6%	42.7	39.1	0.4	8.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W77/F02	24.1	23.1	1	4.1%	73.8	67.7	0.8	8.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W78/F02	28.5	27.3	1.2	4.2%	73.7	67.2	0.6	8.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W79/F02	29.3	27.9	1.4	4.8%	67.4	57.4	0.9	14.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W80/F02	26.1	24.6	1.5	5.7%	68.5	61.6	0.7	10.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R58	RESIDENTIAL	UNKNOWN-RESI		W81/F02	29.3	27.8	1.5	5.1%	10.1	5.4	0.3	46.9%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F02	29.5	28	1.5	5.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R59	RESIDENTIAL	UNKNOWN-RESI		W83/F02	28.7	27.2	1.5	5.2%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F03	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F03	29.3	28.9	0.4	1.4%	99.3	99.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F03	29.2	28.8	0.4	1.4%	91.6	91.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F03	29	28.4	0.6	2.1%	91	91	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F03	29.7	28.6	1.1	3.7%	96.9	84.3	2.3	13.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F03	26.8	25.5	1.3	4.9%	96.2	95.2	0.2	1.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F03	19.3	18.9	0.4	2.1%	98.4	98.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W7/F03	30.8	29.4	1.4	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W8/F03	22.9	22	0.9	3.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F03	27.7	26.2	1.5	5.4%	93.1	93.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W10/F03	20.6	20	0.6	2.9%	98.5	98.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F03	31.5	30	1.5	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W12/F03	22.1	21.3	0.8	3.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F03	28	26.4	1.6	5.7%	92.7	92.7	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W14/F03	21.6	20.9	0.7	3.2%	98.3	98.3	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F03	31.4	29.8	1.6	5.1%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W16/F03	21.3	20.5	0.8	3.8%					N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F03	28.8	27.1	1.7	5.9%	91.8	91.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F03	27.3	26	1.3	4.8%	98.8	98.1	0.1	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F03	27.6	26.3	1.3	4.7%	95.5	95.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R14	RESIDENTIAL	UNKNOWN-RESI		W20/F03	31.4	30	1.4	4.5%	0	0	0.0	-	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W21/F03	31.8	30.4	1.4	4.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F03	31.9	30.4	1.5	4.7%	52.5	52.3	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F03	31	29.3	1.7	5.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F03	32.3	30.6	1.7	5.3%	53.3	52.2	0.1	2.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W25/F03	32.6	30.8	1.8	5.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W26/F03	28.4	26.5	1.9	6.7%	82.8	82.3	0.1	0.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F03	32.4	30.1	2.3	7.1%	9.6	9.5	0.0	0.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F03	32.9	30.6	2.3	7.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F03	32.8	30.3	2.5	7.6%	78	78	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W30/F03	31.7	29.2	2.5	7.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W31/F03	28.4	25.7	2.7	9.5%	95.8	95.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W32/F03	28.7	26.1	2.6	9.1%	98.6	98.6	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W33/F03	29.8	29.3	0.5	1.7%	91.5	91.5	0.0	0.0%	38	6	38	6	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W34/F03	21.6	21.6	0	0.0%	98.5	98.5	0.0	0.0%	47	10	47	10	0.0%	0.0%
			UNKNOWN-RESI		W35/F03	32.7	31.5	1.2	3.7%					48	10	48	10	0.0%	0.0%
			UNKNOWN-RESI		W36/F03	23.4	20.6	2.8	12.0%					22	3	22	3	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W37/F03	29.2	28.8	0.4	1.4%	92.9	92.9	0.0	0.0%	38	9	38	9	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W38/F03	22.4	22.4	0	0.0%	98.5	98.5	0.0	0.0%	45	12	45	12	0.0%	0.0%
			UNKNOWN-RESI		W39/F03	33.1	31.7	1.4	4.2%					52	15	52	15	0.0%	0.0%
			UNKNOWN-RESI		W40/F03	22.9	19.9	3	13.1%					20	3	20	3	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W41/F03	29.3	28.7	0.6	2.0%	92.9	92.9	0.0	0.0%	36	9	36	9	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W42/F03	23.2	23.2	0	0.0%	98.5	98.5	0.0	0.0%	47	14	47	14	0.0%	0.0%
			UNKNOWN-RESI		W43/F03	32.8	31.5	1.3	4.0%					51	15	51	15	0.0%	0.0%
			UNKNOWN-RESI		W44/F03	21.7	20	1.7	7.8%					20	1	20	1	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W45/F03	28.6	28.5	0.1	0.3%	96	96	0.0	0.0%	38	8	38	8	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W46/F03	29.9	29.9	0	0.0%	91.8	91.8	0.0	0.0%	57	15	57	15	0.0%	0.0%
	R30	RESIDENTIAL	UNKNOWN-RESI		W47/F03	32.5	25.1	7.4	22.8%	97.6	76.6	3.1	21.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W48/F03	32.6	24.7	7.9	24.2%	98.4	81	2.3	17.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W49/F03	32.7	24	8.7	26.6%	99	80.6	2.9	18.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W50/F03	32.5	22.9	9.6	29.5%	98.3	69.1	3.9	29.7%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F03	30.3	20	10.3	34.0%	96.6	68.2	4.4	29.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W52/F03	32.4	20.6	11.8	36.4%	98.6	65.5	5.0	33.5%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W53/F03	32.4	20.4	12	37.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F03	33.1	20.8	12.3	37.2%	73.2	0	1.9	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W55/F03	33.2	20.7	12.5	37.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	KITCHEN-RESI (1)		W56/F03	33.1	20.4	12.7	38.4%	79	1.9	5.6	97.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F03	23.3	10.5	12.8	54.9%	88.1	22.6	7.3	74.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	KITCHEN-RESI (1)		W60/F03	33.1	20	13.1	39.6%	77.1	0	5.4	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	KITCHEN-RESI (1)		W64/F03	31.8	19.5	12.3	38.7%	75.3	0	3.4	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			KITCHEN-RESI (1)		W65/F03	32.2	19.9	12.3	38.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	KITCHEN-RESI (1)		W66/F03	32.6	20.4	12.2	37.4%	79.6	6.2	4.9	92.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	KITCHEN-RESI (1)		W68/F03	32.6	20.9	11.7	35.9%	35.1	0	2.2	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R48	RESIDENTIAL	KITCHEN-RESI (1)		W71/F03	32.3	21	11.3	35.0%	93.4	66.5	2.0	28.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	BEDROOM		W72/F03	33.9	33.5	0.4	1.2%	97.9	97.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			BEDROOM		W73/F03	34.1	33.7	0.4	1.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W74/F03	23.1	22.8	0.3	1.3%	59.2	44.8	0.8	24.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W75/F03	24.5	24.2	0.3	1.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R51	RESIDENTIAL	UNKNOWN-RESI		W76/F03	28.3	27.3	1	3.5%	62.3	46.1	2.0	25.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R52	RESIDENTIAL	UNKNOWN-RESI		W77/F03	26.9	25.3	1.6	5.9%	86.5	74.5	1.6	13.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R53	RESIDENTIAL	UNKNOWN-RESI		W78/F03	31	29.2	1.8	5.8%	87.1	73.7	1.3	15.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R54	RESIDENTIAL	UNKNOWN-RESI		W79/F03	31.7	29.8	1.9	6.0%	81.9	67.3	1.3	17.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R55	RESIDENTIAL	UNKNOWN-RESI		W80/F03	28.3	26.5	1.8	6.4%	81.8	71.3	1.0	12.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R56	RESIDENTIAL	UNKNOWN-RESI		W81/F03	31.5	29.7	1.8	5.7%	18.1	8.3	0.5	54.2%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W82/F03	31.7	29.8	1.9	6.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R57	RESIDENTIAL	UNKNOWN-RESI		W83/F03	30.8	28.9	1.9	6.2%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F04	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F04	31.1	30.6	0.5	1.6%	80.5	78.3	0.3	2.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F04	30.8	30.3	0.5	1.6%	84.2	82.6	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F04	28.4	27.3	1.1	3.9%	76	71.1	0.6	6.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F04	30.3	28.9	1.4	4.6%	98.4	96.9	0.2	1.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F04	23.9	23.4	0.5	2.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W6/F04	32.5	31	1.5	4.6%					N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W7/F04	26.2	25.3	0.9	3.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W8/F04	29.6	28.2	1.4	4.7%	96.7	94.8	0.2	1.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W9/F04	24.1	23.5	0.6	2.5%	99.9	99.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W10/F04	33	31.5	1.5	4.5%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W11/F04	25.6	24.7	0.9	3.5%					N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W12/F04	29.9	28.4	1.5	5.0%	96.6	95	0.2	1.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W13/F04	24.9	24.2	0.7	2.8%	99.9	99.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W14/F04	33	31.4	1.6	4.8%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W15/F04	24.9	24	0.9	3.6%					N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W16/F04	31.2	29.6	1.6	5.1%	96.7	95.1	0.3	1.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W17/F04	30.1	28.8	1.3	4.3%	84.8	76.1	1.1	10.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W18/F04	31.8	30.5	1.3	4.1%	94.4	94.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W19/F04	33.3	31.9	1.4	4.2%	15.5	11.7	0.5	24.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W20/F04	33.6	32.2	1.4	4.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W21/F04	33.7	32.1	1.6	4.7%	82.2	82.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R15	RESIDENTIAL	UNKNOWN-RESI		W22/F04	34.1	32.4	1.7	5.0%	63.6	63.6	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W23/F04	33.9	32.2	1.7	5.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R16	RESIDENTIAL	UNKNOWN-RESI		W24/F04	34.1	32.2	1.9	5.6%	73.1	73.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R17	RESIDENTIAL	UNKNOWN-RESI		W25/F04	34.3	32	2.3	6.7%	18.8	18.8	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W26/F04	34.5	32.3	2.2	6.4%					N/A	N/A	N/A	N/A	N/A	N/A
	R18	RESIDENTIAL	UNKNOWN-RESI		W27/F04	34.3	31.9	2.4	7.0%	91.4	91.4	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W28/F04	34.2	31.8	2.4	7.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R19	RESIDENTIAL	UNKNOWN-RESI		W29/F04	32.5	29.9	2.6	8.0%	96.5	96.5	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W30/F04	31.3	28.9	2.4	7.7%	86.1	86.1	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W31/F04	32.3	31.9	0.4	1.2%	97.8	97.8	0.0	0.0%	48	9	48	9	0.0%	0.0%
	R22	RESIDENTIAL	UNKNOWN-RESI		W32/F04	25.2	25.2	0	0.0%	99.9	99.9	0.0	0.0%	55	13	55	13	0.0%	0.0%
			UNKNOWN-RESI		W33/F04	34.2	33.1	1.1	3.2%					54	15	54	15	0.0%	0.0%
			UNKNOWN-RESI		W34/F04	26.4	23.8	2.6	9.8%					23	3	23	3	0.0%	0.0%
	R23	RESIDENTIAL	UNKNOWN-RESI		W35/F04	31.1	30.7	0.4	1.3%	97.2	97.2	0.0	0.0%	41	9	41	9	0.0%	0.0%
	R24	RESIDENTIAL	UNKNOWN-RESI		W36/F04	26	26	0	0.0%	99.9	99.9	0.0	0.0%	54	13	54	13	0.0%	0.0%
			UNKNOWN-RESI		W37/F04	34.5	33.1	1.4	4.1%					55	17	55	17	0.0%	0.0%

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
			UNKNOWN-RESI		W38/F04	26.1	23	3.1	11.9%					22	5	22	5	0.0%	0.0%
	R25	RESIDENTIAL	UNKNOWN-RESI		W39/F04	31.1	30.6	0.5	1.6%	96.4	96.4	0.0	0.0%	41	9	41	9	0.0%	0.0%
	R26	RESIDENTIAL	UNKNOWN-RESI		W40/F04	26.5	26.5	0	0.0%	100	100	0.0	0.0%	56	15	56	15	0.0%	0.0%
			UNKNOWN-RESI		W41/F04	34.3	32.9	1.4	4.1%					55	17	55	17	0.0%	0.0%
			UNKNOWN-RESI		W42/F04	26.2	23.1	3.1	11.8%					22	5	22	5	0.0%	0.0%
	R27	RESIDENTIAL	UNKNOWN-RESI		W43/F04	31.9	31	0.9	2.8%	97.9	97.3	0.1	0.6%	44	9	44	9	0.0%	0.0%
	R28	RESIDENTIAL	UNKNOWN-RESI		W44/F04	29.4	29.4	0	0.0%	76.7	76.7	0.0	0.0%	57	18	57	18	0.0%	0.0%
	R29	RESIDENTIAL	UNKNOWN-RESI		W45/F04	33.8	26.9	6.9	20.4%	70.4	55.7	2.7	20.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R30	RESIDENTIAL	UNKNOWN-RESI		W46/F04	34	26.3	7.7	22.6%	76	73.8	0.3	3.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R31	RESIDENTIAL	UNKNOWN-RESI		W47/F04	34	25.2	8.8	25.9%	92.8	72.7	2.0	21.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R32	RESIDENTIAL	UNKNOWN-RESI		W48/F04	31.1	22.4	8.7	28.0%	84.5	57.2	3.2	32.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R33	RESIDENTIAL	UNKNOWN-RESI		W49/F04	33.1	21.8	11.3	34.1%	98.6	67.7	4.7	31.4%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W50/F04	33.1	21.6	11.5	34.7%					N/A	N/A	N/A	N/A	N/A	N/A
	R34	RESIDENTIAL	UNKNOWN-RESI		W51/F04	33.9	22.1	11.8	34.8%	81.7	0.6	4.5	99.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W52/F04	34	22.1	11.9	35.0%					N/A	N/A	N/A	N/A	N/A	N/A
	R35	RESIDENTIAL	UNKNOWN-RESI		W53/F04	34	21.8	12.2	35.9%	79.6	1.4	5.3	98.2%	N/A	N/A	N/A	N/A	N/A	N/A
	R36	RESIDENTIAL	UNKNOWN-RESI		W54/F04	34	21.5	12.5	36.8%	83.9	9.6	8.3	88.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R37	RESIDENTIAL	UNKNOWN-RESI		W55/F04	34	21.4	12.6	37.1%	55.8	0	3.1	100.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W56/F04	33.9	21.3	12.6	37.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R38	RESIDENTIAL	UNKNOWN-RESI		W57/F04	33.9	21.3	12.6	37.2%	60.2	0.9	5.8	98.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R39	RESIDENTIAL	UNKNOWN-RESI		W58/F04	33	20.4	12.6	38.2%	92.1	53.6	4.1	41.8%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W59/F04	33	20.4	12.6	38.2%					N/A	N/A	N/A	N/A	N/A	N/A
	R40	RESIDENTIAL	UNKNOWN-RESI		W60/F04	31.4	20	11.4	36.3%	70.2	34.7	5.7	50.6%	N/A	N/A	N/A	N/A	N/A	N/A
	R41	RESIDENTIAL	UNKNOWN-RESI		W61/F04	33.5	22.3	11.2	33.4%	80.8	45.4	5.1	43.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R42	RESIDENTIAL	UNKNOWN-RESI		W62/F04	33.4	22.6	10.8	32.3%	81.1	50.2	3.6	38.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R43	RESIDENTIAL	UNKNOWN-RESI		W63/F04	35.3	34.9	0.4	1.1%	68.2	68.2	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R44	RESIDENTIAL	UNKNOWN-RESI		W64/F04	28.6	27.7	0.9	3.1%	79	55.1	1.3	30.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W65/F04	29.4	28.2	1.2	4.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R45	RESIDENTIAL	UNKNOWN-RESI		W66/F04	31.6	30	1.6	5.1%	85.8	73	1.6	14.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R46	RESIDENTIAL	UNKNOWN-RESI		W67/F04	32.9	30.9	2	6.1%	90	74.6	2.0	17.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R47	RESIDENTIAL	UNKNOWN-RESI		W68/F04	33.5	31.4	2.1	6.3%	37.1	36.4	0.1	1.8%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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(3) SINGLE ASPECT ROOM DEEPER THAN 5m

						VSC (WINDOW)				NSL				APSH (WINDOW)					
FLOOR	ROOM	PROPERTY TYPE	ROOM USE	ROOM NOTES	WINDOW	EX. %	PR. %	LOSS	LOSS %	EX. %	PR. %	LOSS SQM	LOSS %	EX.		PR.		LOSS %	
														ANNUAL	WINTER	ANNUAL	WINTER	ANNUAL	WINTER
LEVITA HOUSE (CONTINUED)																			
	R48	RESIDENTIAL	UNKNOWN-RESI		W69/F04	34.1	32	2.1	6.2%	84.9	63.2	3.7	25.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R49	RESIDENTIAL	UNKNOWN-RESI		W70/F04	34.2	32.1	2.1	6.1%	71.5	35.5	2.3	50.3%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W71/F04	34.2	32.1	2.1	6.1%					N/A	N/A	N/A	N/A	N/A	N/A
	R50	RESIDENTIAL	UNKNOWN-RESI		W72/F04	33.1	31	2.1	6.3%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
F05	R1	RESIDENTIAL	UNKNOWN-RESI		W1/F05	33.2	31.8	1.4	4.2%	91.7	87.4	0.6	4.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R2	RESIDENTIAL	UNKNOWN-RESI		W2/F05	33.8	32.4	1.4	4.1%	92.1	87.7	0.6	4.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R3	RESIDENTIAL	UNKNOWN-RESI		W3/F05	34	32.5	1.5	4.4%	92	87.8	0.5	4.5%	N/A	N/A	N/A	N/A	N/A	N/A
	R4	RESIDENTIAL	UNKNOWN-RESI		W4/F05	34	32.5	1.5	4.4%	91.8	88.2	0.5	4.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R5	RESIDENTIAL	UNKNOWN-RESI		W5/F05	33.9	32.4	1.5	4.4%	91.7	87.8	0.5	4.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R6	RESIDENTIAL	UNKNOWN-RESI		W6/F05	33.5	32.2	1.3	3.9%	90.9	90.9	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R7	RESIDENTIAL	UNKNOWN-RESI		W7/F05	33.2	31.7	1.5	4.5%	91.2	91.2	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R8	RESIDENTIAL	UNKNOWN-RESI		W8/F05	35.3	33.6	1.7	4.8%	86.7	84.1	0.3	3.0%	N/A	N/A	N/A	N/A	N/A	N/A
	R9	RESIDENTIAL	UNKNOWN-RESI		W9/F05	35.4	33.5	1.9	5.4%	73	55.2	1.8	24.4%	N/A	N/A	N/A	N/A	N/A	N/A
	R10	RESIDENTIAL	UNKNOWN-RESI		W10/F05	35.4	33.3	2.1	5.9%	89.6	75.6	1.8	15.7%	N/A	N/A	N/A	N/A	N/A	N/A
	R11	RESIDENTIAL	UNKNOWN-RESI		W11/F05	35.4	33.2	2.2	6.2%	68.8	68.7	0.0	0.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R12	RESIDENTIAL	UNKNOWN-RESI		W12/F05	33.5	31.1	2.4	7.2%	90.4	90.1	0.0	0.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R13	RESIDENTIAL	UNKNOWN-RESI		W13/F05	34.2	31.7	2.5	7.3%	90.4	84.8	0.8	6.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R14	RESIDENTIAL	UNKNOWN-RESI		W14/F05	35.7	34.6	1.1	3.1%	92.3	91.9	0.0	0.4%	55	16	55	16	0.0%	0.0%
	R15	RESIDENTIAL	UNKNOWN-RESI		W15/F05	35.8	34.6	1.2	3.4%	92.2	91.7	0.1	0.5%	55	16	55	16	0.0%	0.0%
	R16	RESIDENTIAL	UNKNOWN-RESI		W16/F05	35.9	34.6	1.3	3.6%	92.2	91.7	0.1	0.6%	57	18	57	18	0.0%	0.0%
	R17	RESIDENTIAL	UNKNOWN-RESI		W17/F05	35.8	34.4	1.4	3.9%	92.4	91.7	0.1	0.7%	57	18	57	18	0.0%	0.0%
	R18	RESIDENTIAL	UNKNOWN-RESI		W18/F05	35.2	33.9	1.3	3.7%	92.4	91.6	0.1	0.8%	58	18	58	18	0.0%	0.0%
	R19	RESIDENTIAL	UNKNOWN-RESI		W19/F05	34.8	23.8	11	31.6%	94.1	48.1	5.9	48.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R20	RESIDENTIAL	UNKNOWN-RESI		W20/F05	34.7	23.3	11.4	32.9%	94.1	43.4	6.5	53.8%	N/A	N/A	N/A	N/A	N/A	N/A
	R21	RESIDENTIAL	UNKNOWN-RESI		W21/F05	34.7	23.1	11.6	33.4%	94.1	42	6.7	55.3%	N/A	N/A	N/A	N/A	N/A	N/A
	R22	RESIDENTIAL	UNKNOWN-RESI		W24/F05	33.8	32	1.8	5.3%	93	80	2.0	13.9%	N/A	N/A	N/A	N/A	N/A	N/A
	R23	RESIDENTIAL	UNKNOWN-RESI		W23/F05	35	32.9	2.1	6.0%	96.3	92.4	0.5	4.1%	N/A	N/A	N/A	N/A	N/A	N/A
	R24	RESIDENTIAL	UNKNOWN-RESI		W25/F05 / INC (2)	68.7	66.6	2.1	3.1%	100	100	0.0	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W26/F05 / INC (2)	68.8	66.8	2	2.9%					N/A	N/A	N/A	N/A	N/A	N/A
			UNKNOWN-RESI		W27/F05 / INC (2)	68.8	66.8	2	2.9%					N/A	N/A	N/A	N/A	N/A	N/A
	R25	RESIDENTIAL	UNKNOWN-RESI		W22/F05	35.8	33.6	2.2	6.1%	94.4	83.9	1.6	11.1%	N/A	N/A	N/A	N/A	N/A	N/A

(1) KITCHEN SMALLER THAN 13m2

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

(3) SINGLE ASPECT ROOM DEEPER THAN 5m

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