

Daylight Availability & Sunlight Exposure & Impact Report

LRD Development at Ballycullen, South Dublin PP Submission

v PP 2.1



Proposed LRD at Ballycullen, South Dublin. Image: JFOC Architects

1 Version

Status	Final LRD Planning Application
Purpose	Planning Application
Version	PP 2.1
Date	18 April 2025
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2 Introduction

2.1 The Proposal

This analysis has been conducted for the purposes of assessing the impact on the daylight and sunlight performance of dwellings in a large residential development at Ballycullen and of any potential impacts on existing neighbours caused by the new project.

The proposed development will consist of 502 no. residential units (108no. 1-bed, 170 no. 2-bed, 162 no. 3-bed; 62 no. 4-bed) comprising 197no. 2 storey houses (terraced/semi-detached/detached) (19no. 2-bed, 116no. 3-bed; 62no. 4-bed) and 28no. 3 and 4 storey simplex/duplex apartment blocks

providing 305no. apartments (108no. 1-bed apartments, 151no. 2-bed apartments, 46no. 3-bed apartments). The proposed development also includes a crèche (c.475sq.m), public open space, car parking (surface/undercroft), bicycle parking, bicycle storage structures and lockers, bin stores, and 8no. ESB substations.

This report provides an assessment of sunlight access and daylight levels within the new dwellings as well as an assessment of potential impacts to neighbours.

The report also sets out relevant policy standards and guidelines with respect to daylight, sunlight and overshadowing, the methods used to assess the impacts, the baseline conditions currently existing at the development site and the results of the assessment.

Further technical information is provided in the Appendices. The assessment has been undertaken by Solearth Design Analysis www.solearth.ie

2.2 Planning Context

The development is located within South Co Dublin planning area and is subject to its county Development Plan's policies as well as the European British and Irish daylight design standards, apartment design standards and site design layout guidelines referred to below (where relevant).

It is to be the subject of a planning application to South Dublin Co Council by the developer Lagan Homes.

2.3 How to read this report.

In this report two different types of assessments (performance of the proposed development and potential impacts to neighbours) are provided. To distinguish between the 2 types of assessment, (guidance, methodologies and their results), language in black font shall refer to scheme performance or refer to both types, while blue font shall denote paragraphs referring only to neighbour impacts. Lilac coloured font indicates that the guidance/guidelines/standards state that results are to be considered as recommendations only and not as mandatory standards in that other competing priorities should be taken into consideration also.

3 Executive Summary

The proposed development complies with the recommendations for daylight and sunlight provision within a new residential development and complies with recommendations to avoid impacts to neighbours daylight and sunlight in the Guidance and Standards.

Of the 502 dwellings and external areas tested for daylight distribution (SDA), Sunlight Exposure and Amenity Sunlight requirements for new homes, the overall compliance ratings are in the region 92% to 99% compliance, with many dwellings and space far exceeding the minimum standards.

Of 109 neighbours assessed for potential impacts 99% to 100% were found to experience no noticeable impacts under the proposed development.

	Daylight Availability	Sunlight Exposure	Amenity Sunlight
	SDA	SE	
	BS EN 17037	EN 17037	BRE 209
Proposed Dwellings			
All units	95.5%	99.4%	
OS Areas			100%
	% units meeting criteria		
Neighbours			
Houses/ gardens	99%	100%	99%
	% not impacted		

4 Relevant Assessments

The requirement is for an assessment of the daylight availability within the dwellings, and their sunlight exposure levels as defined in BS EN 17037 and EN 17037 as well as amenity sunlight and neighbour impact assessments daylight (VSC) and sunlight (a/wPSH) and outdoor amenity sunlight to standards set out in BRE 209 (2022).



(Site Plan)

4.1 In scope

The following assessments were deemed by the authors to be in scope and were carried out:

- daylight availability and sunlight access to new dwellings and amenity sunlight to proposed shared open spaces within the proposed development.
- Potential impacts to daylight, sunlight and amenity sunlight of existing neighbours to the north and west.

4.2 Ex Scope

- No relevant assessments were deemed out of scope.

5 Guidance and Standards

5.1 General Principles

The following guidance documents and standards have been consulted when compiling this report to ensure compliance with the various Daylight and Sunlight requirements as applicable and relevant:

The Building Research Establishment's (BRE) Site Layout Planning for Daylight and Sunlight: A guide to good practice (BRE 209) 3rd edition/ 2022 edition, ('BRE 209').

British Standard BS EN 17037:2018 – Daylight in Buildings (the 'UK Standard').

European (and Irish) Standard EN 17037:2018 aka IS EN 17037 (the 'European Standard').

The 2008 British Standard has been superseded by the 2018 British Standard, and BRE Guide 2nd Edition has been superseded by BRE Guide 209's 2022 (3rd) edition. Both previous revisions have now been withdrawn. Together these documents are referred to below as the **Guidance** (see below).

5.2 Daylight and Sunlight in Guidelines for Apartments

5.2.1 Design Standards for New Apartments

In 2023 the Department published a revised guidelines for the design of new apartments Sustainable Urban Housing: Design Standards for New Apartments (2022 version) including reference to daylight and sunlight. These guidelines have been updated from previous versions to make reference to in each of the 3 documents below.

5.2.2 Urban Development (Height) Guidelines

The 2018 Urban Development and Building Height Guidelines may in some cases pertain to and offer guidance on daylight and sunlight design. They provide similar recommendations (and note similar limitation) as the apartment guidelines but refer to the 2nd (2011) edition of the BRE 209 document now withdrawn.

5.2.3 Compact Settlements Guidelines.

The Sustainable Residential Development and Compact Settlement Guideline were introduced in 2024. In section 5.3.7 they call for the planning authority to consider when to require a detailed technical assessment of daylight in new projects and in cases where so required state that regard be had to quantitative performance approaches to daylight provision in guides like EN 1737, UK National Annex BS EN17047 and BRE 209 (2022).

Together these documents are referred to below as the **Design Guidelines**

5.3 The Guidance

5.3.1 EN 17037:2018,

EN 17037 is the new European Standard for daylighting. It was adopted across Europe in 2018 and has been adopted in the UK as BS EN 17037:2018 with amendments that are significant for Ireland. It was transposed into the Irish context without modification as IS-EN 17037:2018.

Below we refer to them as the UK standard (BS EN 17037) or the European Standard (IS EN 17037) respectively.

It mandates a measurement based on median daylight instead of the average daylight used in previous guidance. “A space is considered to provide adequate daylight if a target illuminance level is achieved across a fraction of the reference plane within a space for at least half of the daylight hours.”

The texts of the UK standard and the European standard are the same, with one difference. The alteration is that the UK standard appended an additional national ‘Annex’ (NA). This additional interpretation, sets out specific requirements within dwellings, to achieve continuity with the previously accepted good practice mandated in the superseded 2008 British Standard which was informed by decades of authoritative research at the Building Research Establishment in Britain.

New Metrics and Methodologies –

Daylight Availability.

The European standard which forms the basis of both the new UK standard and the Irish standard terms internal daylight availability analysis as *spatial daylight autonomy (SDA)*.

Under this approach we move away from previous guidance in BRE 209 (2011) which applied an average daylight factor across any space as the illuminance target with the methodology being to analyse a whole space and derive one single DF average for its illuminance.

Under the SDA methodology, illuminance targets are set by lux levels (both a target one which must be met across 50% of the space, and a minimum one which must be met across 95% of it).

The European Standard recommends that the minimum requirements for illuminance of 300 lux as the target DF should be received across 50% of a hypothetical reference plane of any room for half of the daylight hours of the year and additionally that no less than the minimum illuminance of 100 lux (or equivalent mDF) is received across 95% of the reference plane. These standards must be reached regardless of the function of the room or building type, across all of Europe. In application, these lux levels are then converted to median daylight factors (mDFs) for each specific country or city in Europe to serve as a DF equivalences for that locations. Note that the UK EN standard modifies this (see below).

Sunlight Exposure

The ability of sunlight to access an interior space is termed Sunlight Exposure in the revised standard.

5.3.2 BS EN 17037 The UK National Annex (relevance to Ireland)

IS EN 17037 the International Standard above lux level recommendations (300 and 100 lux) translate to equivalent median daylight factors in UK and Ireland locations of 2% and 0.7%. Again, these standards must be reached regardless of the function of the room or building type.

It is widely accepted that these targets are too rigid and too onerous to apply to *housing* in the UK or Ireland and it is for this reason that when it was transposed into the British context as BS EN17037 the amendments in their national annex were made.

The NA states in its introduction: *The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space may not be achievable for some buildings, particularly dwellings. The UK committee believes this could be the case for dwellings with basement rooms or those with significant external obstructions (for example, dwellings situated in a dense*

urban area or with tall trees outside), or for existing buildings being refurbished or converted into dwellings. This National Annex therefore provides the UK committee's guidance on minimum daylight provision in all UK dwellings."

Where the International standard methodology has both a single lux/ DF target for all room types (buildings) and applies the above double metric, the 'national annex' (NA) of the UK Standard changed this to require that target median daylight factors, which are in turn specific to the kind of room under study (see below)) must be only achieved over 50% of the space for 50% of the time. "Even if a predominantly daylight appearance is not achievable for a room in a UK dwelling, the UK committee recommends that the target illuminance values given in Table NA.1 are exceeded over at least 50% of the points on a reference plane 0.85 m above the floor, for at least half of the daylight hours."

The NA sets these minimum daylight requirements for UK dwellings with illuminances (lux) levels recommended for these different room types:

- bedrooms at 100 lux ie 1.0% median daylight factor here,
- living /other rooms at 150 lux ie 1.5% median daylight factor here,
- kitchens or spaces containing kitchens at 200 lux ie 2.0% median daylight factor here.

It is in the context of the UK committee's opinion above as well as having regard to the Dublin City Development Plan daylighting annex referenced above, that experts consider that BS-EN 17037 is the most suitable guideline document for assessing daylight provision and distribution in new dwellings here in Ireland. This is the practice followed in our assessments, though given the continued reference to the Irish standard we will on occasion also provide the results for analysis under it's recommendations for information only.

5.3.3 Standards - Daylight

The BRE Guide *Site Layout Planning for Daylight and Sunlight: A guide to good practice (BRE 209) 3rd edition/ 2022 edition* describes it's purpose in the following terms (Summary section v):

"This guide gives advice on site layout planning to achieve good sunlighting and daylighting, both within buildings and in the open spaces between them. It is intended to be used in conjunction with the interior daylight recommendations for new buildings in the British Standard Daylight in buildings, BS EN 17037. It contains guidance on site layout to provide good natural lighting within a new development; safeguarding of daylight and sunlight within existing buildings nearby; and the protection of daylighting of adjoining land for future development."

DCC City Development Plan

Dublin City is the planning authority that most deals with large scale dense new housing projects in Ireland. As such it's approach to applying the relatively new guidance on the daylight and sunlight performance of new housing projects is considered instructive and taken account of by other authorities.

The DCC Development Plan of 2022 to 2028 states:

Prior to 2018 Ireland had no standard for daylight. In 2018 the National Standards Authority of Ireland adopted EN 17037 to directly become IS EN 17037. It is important to note that no amendments were made to this document, and unlike BS EN 317037 in the UK, it does not contain a national annex (which would localise it to Irish conditions) it offers only a single target for new buildings (there are no space by space targets – eg a kitchen would have the same target as a warehouse or office). It does not offer guidance on how new developments will impact surrounding existing environments. [These](#)

limitations make it unsuitable for use in planning policy or during planning applications. BRE 209 must still be used for this purpose. (DCDP Appendix 16 section 3.4)

In 2018 a new European wide standard for daylight was introduced being EN 17037. In the UK the standard was published as BSEN 17037 and importantly it contains a national annex. The national annex in PSEN 17037 attempts to align the guidance and expectations of the new European standard within now superseded BS 8206-2 PSEN 17037 does not offer any guidance on how new developments will impact on existing surrounding developments the minimum data provision targets given within the national annex have relevance. (DCDP Appendix 16 section 3.3)

It should be noted that BRE 209 references the various EN 17037 versions below so as to ensure the consistency required of good daylight and sunlight practice is achieved.

The BRE 209 Daylight Test - Neighbour Impacts

Externally, daylight availability is reported using a metric called vertical sky component (VSC) whereby before and after tests of the portions of sky, and the recorded quantum of illumination coming from that sector of sky, that reaches the windows of the space analysed.

For existing neighbouring dwellings who's daylight might be impacted on by a proposed development, the BRE sets out a two step test; stating that a kitchen, living room, or bedroom window may be adversely affected if, after the proposed development :

- the centre of the window in question has a vertical sky component (VSC) of less than 27% and
- its VSC is less than 0.8 times its former value (i.e. more than 20% loss)

5.3.4 Standards - Sunlight

BRE 209 sets out the recommendations for sunlight availability for the interior of a dwelling. It recommends that a room should receive a minimum of 1.5 hours of direct sunlight on a selected day between 1st of February and 21st of March. The single day of March 21st (September 21st) is normally taken as representing this condition.

For outdoor spaces, termed amenity sunlight, horizontal garden spaces can be analyzed For the sunlight available on that surface (termed sun on ground SoG) and 2 hours sunlight should be achieved on the same sample dates to 50% of the area.

The BRE 209 Sunlight Test- Neighbour Impacts

For existing neighboring dwellings who's sunlight might be impacted on by a proposed development, the BRE sets out a three-step test to be applied to living rooms (only) stating *that existing dwellings may be adversely affected if after the proposed development the centre of the window in question:*

1. receives less than 25% of the annual probable sunlight hours or less than 5% of the annual probable sunlight hours in winter and
2. receives less than 0.8 times its former sunlight hours during either and
3. has a reduction in sunlight received over the whole year greater than 4% of the annual probable sunlight hours.

5.4 Guidance Summary

Proposed Project	Neighbouring Dwellings
(self tests)	(neighbour impact tests)

Daylight internally		
focus	to habitable rooms	to windows of habitable rooms
standard	BS EN 17037 (or IS EN 17037 / EN 17037)	BRE 209 (2022)
metric	mdDF (or tDF & mnDF)	VSC
Sunlight exposure		
focus	windows of habitable rooms	on windows of living rooms (if w/in 90 of south)
standard	IS EN 17037/ EN 17037	BRE 209 (2022)
metric	hours sunlight on Mar/ Sept21	APSH & WPSH
Amenity Sunlight		
focus	sun on ground of outdoor amenity spaces	sun on ground of outdoor amenity spaces
standard	BRE 209 (2022)	BRE 209 (2022)
metric	hours sunlight on Mar/ Sept21	hours sunlight on Mar/ Sept21

See glossary in Appendix for explanation of acronyms

5.5 Guidance Not Regulation

Irish planning policy advises that in instances where it is not possible to demonstrate full conformity with advisory minimums consent-authorities are entitled to accept departures where other planning objective are found to countervail.

Specific guidance on this matter is provided within Section 4.5 of the Final Draft Revised National Planning Framework (2025) where it states as follows:

“To enable brownfield and infill development, planning policies and standards need to be flexible, focusing on design-led and performance-based outcomes, rather than specifying absolute requirements in all cases. Performance-Based Design Standards are a goal oriented design approach which involve developing standards to achieve a particular outcome (for example, preventing undue overshadowing) rather than applying rigid quantitative standards in all cases (for example, mandatory separation distances). Performance criteria are the indicators that are identified in assessing the outcome. Although sometimes necessary to safeguard against poor quality design, planning standards should be flexibly applied in response to well-designed development proposals that can achieve urban infill and brownfield development objectives in settlements of all sizes. In particular, general restrictions on building height or universal standards for car parking, separation distances or garden size may not be applicable in all circumstances in urban areas and should be replaced by performance-based criteria appropriate to general location, e.g. city/ town/ village centre, urban neighbourhood, public transport interchange, suburban or edge location etc. A more dynamic performance-based approach appropriate to location will also enable the level of public transport service to improve as more development occurs and vice-versa. An important first step in prioritising infill and brownfield development is the identification of these opportunity sites in the local authority development plan. As part of the ‘Settlement Capacity Audit’ prepared as an input to the Development

Plan process, local authorities should map brownfield/ infill sites that have regeneration and development potential and publish the outputs. The Urban Development and Building Height Guidelines issued in 2018 and the Sustainable Residential Development and Compact Settlements Guidelines issued in 2024 under Section 28 of the Planning and Development Act (as amended), provide detailed guidance and standards in support of NPO22.”

On the basis that this guidance is applicable to daylight standards it is evident that a clear basis exists for consenting authorities to accept shortfalls from advisory minimum standards in instances where a countervailing planning objective(s) exists.

Additional support is provided in Section 28 Planning Guidelines,

The Apartment Guidelines state (in Paragraph 6.7) :

where an applicant cannot fully meet all of the requirements of the daylight provisions above this must be clearly identified an error and the rationale for any alternative compensatory design solutions must be set out which planning authorities should apply their discretion in accepting taking account it's assessment of (the) specific(s) of the scheme)

This may arise due to design constraints associated with the site or location and the balancing of the assessment against the desirability of achieving wider planning objectives Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.

The Apartment Guidelines state (in Paragraph 6.7) :

where an applicant cannot fully meet all of the requirements of the data provisions above this must be clearly identified an error and the rationale for any alternative compensatory design solutions must be set out which planning authorities should apply their discretion in accepting taking account it's assessment of (the) specific(s) of the scheme)

This may arise due to design constraints associated with the site or location and the balancing of the assessment against the desirability of achieving wider planning objectives Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.

The Compact Settlement Guidelines state (Para 5.3.7):

In drawing conclusions in relation to daylight performance planning authorities must weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximize daylight provision against the location of the site and the general presumption in favour of increased scales of urban residential development. Poor performance may arise due to design constraints associated with the site or location and there is a need to balance that assessment against the desirability of achieving wider planning objectives such objectives might include secure and comprehensive urban regeneration and or an effective urban design and streetscape solution.

The BRE 209 Guide notes (par 1.6 and 1.7):

The guide is intended for building designers and their clients, consultants, and planning officials. The advice given here is not mandatory and the guide 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 since 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 a 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. Alternatively, where natural light is of special importance, less obstruction and hence more sunlight and daylight may be deemed necessary. The calculation methods in Appendices A and B are entirely flexible in this respect. Appendix F gives advice on how to develop a consistent set of target values for skylight under such circumstances.

The guidance here is intended for use in the United Kingdom and in the Republic of Ireland, though recommendations in the Irish Standard IS EN 17037 may vary from those in BS EN 17037. Many of the principles outlined will apply to other temperate climates. More specific guidance for other locations and climate types is given in BRE Report Environmental site layout planning.

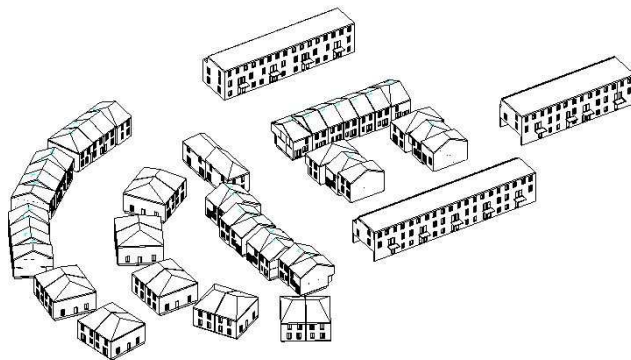
Therefore, if the situation arises where the targets identified within the guidance are not reached, the differences should be indicated and either justified in the context of the proposal or if possible 'compensatory measures' can be suggested. In this report, departures from the targets and references in the guidance will be identified, and mitigations will be proposed to reduce or eliminate the impacts.

6 Assessment Methodology

This assessment focussed on assessing the daylight autonomy (availability), and sunlight exposure, and amenity sunlight of the indicated neighbouring dwellings to the north and northwest of the new apartment development,

6.1 Assessment Process

Using the design information related to the proposal information, as received from the architects, as well as site specific measurements and positions taken locally, and information derived from recent planning applications a 3D computer model of the existing context and the proposed development has been created by the author.



Daylight study model showing western section of proposed development, looking north

The overall 3D model sets out the proposed buildings geometry, levels, walls, floors, ceilings, windows and doors at the correct levels, orientation/ and location. The study model includes for

habitable spaces of dwellings, the window geometry and specification. Reflectances for the materials are also accounted for (see below).

Using proprietary accredited software and methodologies associated with it, a number of daylight and sunlight assessment tests have been carried out. The simulation processes follow the procedures set out in ISO 15469:2004.

The evaluations takes account of space, time and climate. The spatial reality is represented using the 3D computer model of the proposed building and the local spatial context outside. The standards allows use of a calculation of the daylight levels expected to occur at such a latitude (usually a weather file for the nearest weather station). A climate file for Dublin airport has been used in this assessment.

The analysis procedure for daylight autonomy (availability) to residential spaces sets out a matrix of analysis points across the plan of the rooms (ignoring a 500mm band along the perimeter) at a height of 850mm over floor level.

6.1.1 Software Specifics

The software utilised for this analysis is Waldram Tools by MBS Software Ltd in the UK (Company No: 3344454). It utilises accredited industry standard simulation technology Radiance and follows the BREs Waldram Methodologies for daylight and sunlight analysis. It has been used on hundreds of daylight sunlight and rights to light analyses over the past 10 years.

6.1.2 Daylight Availability

The guidelines present two main methods of calculating daylight: the Vertical Sky Component (VSC) method (for impact on neighbouring buildings) and two related methods Daylight Factor (DF) and Spatial Daylight Autonomy (availability) (SDA) for assessing daylight within a proposed development.

The VSC method measures the amount of light available on the outside plane at the centre of a window, as a ratio (expressed as a percentage) of the amount of total unobstructed sky visible following the introduction of visible barriers such as buildings.

The VSC assessment method is usually used to assess widows to neighbouring dwellings to evaluate whether they have suffered any unacceptable diminution in daylight. Given the relative location of our apartments and the specific context (few to no residential properties to our north) such an assessment was not carried out for this project.

The DF and SDA methods are derived from European standard for daylighting BS EN 17037 and British Standard 8206 Part 2, Code of Practice for Daylighting. The Spatial Daylight Autonomy (availability) (SDA) method is a more complex and accurate representative calculation than DF to determine natural internal luminance. It takes into account not only sky geometries, but also factors such as window size, number of windows available to the room, room size, glass transmittance and room surface reflectance and calculates each of up to 50 points in a room over 4000 times to assess the performance through the course of the years and adjusts for the exact orientation of windows.

6.1.3 Sunlight Exposure

For proposed new developments EN 17037 as well as IS / BS EN17037 recommends that habitable rooms in a dwelling receive a minimum number of hours sunlight on a given representative date over the year. A sunlight exposure test determining whether or not each space can receive at least the lowest acceptable level (1.5 hours on March or September 21st and in some cases the medium (3 hours) or higher (4 hour) targets. The target minima for a new dwelling is 1.5 hours and for an outdoor amenity space 2 hours. Sunlight exposure studies take account of on site location, longitude

and latitude, and solar azimuths. i.e. buildings south of a site will not be impacted for sunlight in the northern hemisphere.

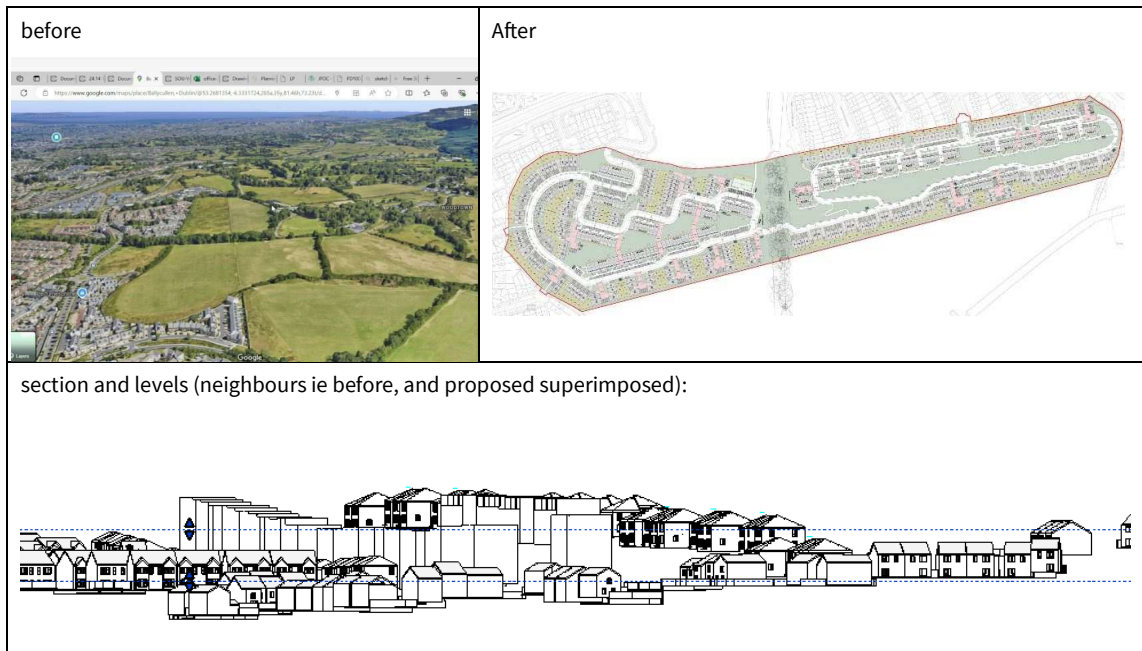
For impacts to neighbours as noted above, the annual probable sunlight hour (APSH) test to under BRE 209 is used.

6.2 Simulation Procedure

6.2.1 Test Model

A purpose modelled daylight -sunlight digital model was built by the author to represent:

- I. the existing situation (comprising the current fields and topography) and residential dwellings adjacent
- II. the proposed (post development) scenario comprising the new apartments hoes and topography, including the existing neighbouring dwellings.



Solar location of the model:

Location

Climate file location

IRL_Dublin.039690_IWEC.epw

Location: DUBLIN

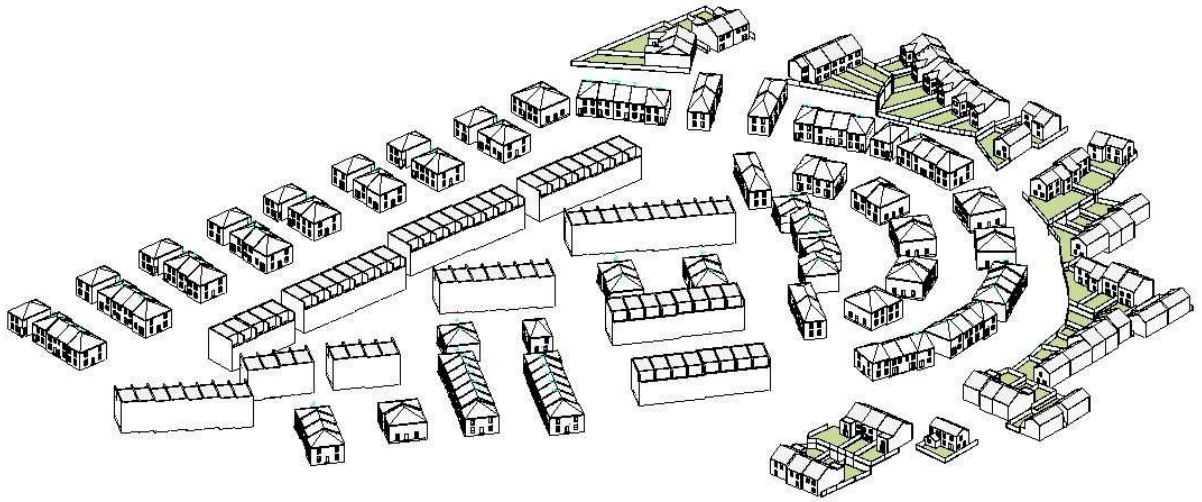
Latitude: 53.4300 Longitude: -6.2500 Timezone: 0

6.2.2 Test Subjects

Proposed Development: A total of 502 proposed new dwellings were assessed as follows;

- 192 houses
- 310 apartments in 28 blocks

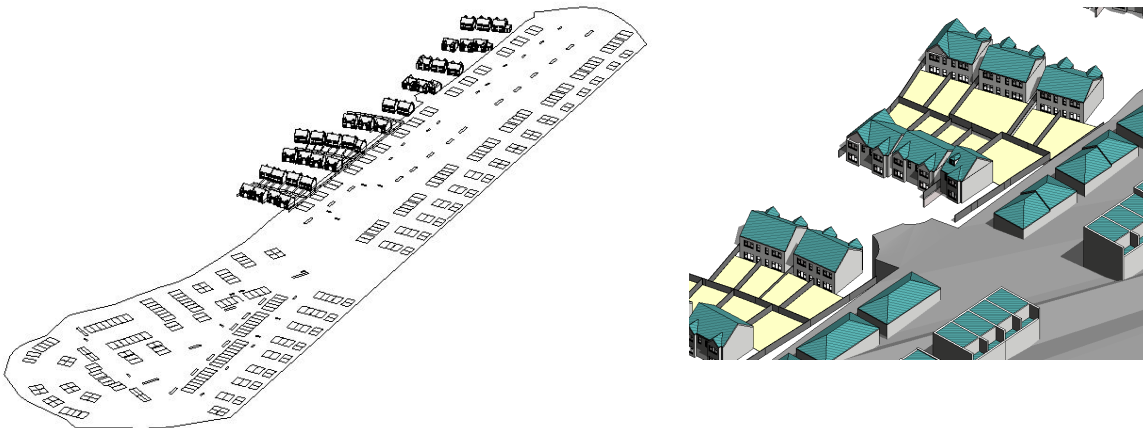
- 109 no. Neighbours (shown w green garden planes in image below)



Digital Model view-west side

Neighbouring Houses:

A model of the proposed neighbours adjoining the developments site was built. It comprised 109 houses in circa 52 structures as well as garden walls and 31 garden surfaces. As is normally the case the rear gardens of neighbours are private property and therefore prevent comprehensive surveying of the exact layouts and dimensions of windows, doors, extensions, roofs and garden walls/ fences. Some information is available such as the level of eaves and ridges of the neighbouring houses (which are surveyed from within the applicant site), publicly available nearby planning application documents and open source mapping or title registry websites. It is from these sources that the 3d model of the neighbouring houses are created. Window and door sizes and positions are necessarily approximate and should be take as representative rather than exact.



Views of model of eastern neighbours

6.2.3 Assumptions and Constants – SDA /daylight

The SDA/ daylight studies carried out assumed the following material constants and data points:

Glazing

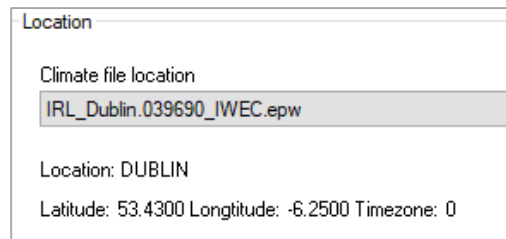
transmission	68%
maintenance factor	96%

Reflectances

Ceilings:	80% reflectance
Walls:	70%
Floors:	40%
Other	

Weather file

Dublin Airport



The screenshot shows a window titled 'Location' with the following content:

- Climate file location: IRL_Dublin.039690_IWEC.epw (highlighted)
- Location: DUBLIN
- Latitude: 53.4300 Longitude: -6.2500 Timezone: 0

6.3 Daylight Assessment

A Spatial Daylight Autonomy (availability) (SDA) assessment to the procedure set out in BS EN 17037. was carried out to 1830 habitable rooms (bedrooms, kitchen dining, living etc) within each house and apartments.

6.4 Sunlight Exposure Assessment

A Sunlight Exposure assessment to the procedure set out in EN 17037 was carried out to habitable rooms (bedrooms, kitchen dining, living etc) within each (502) dwellings (new houses and apartments).

6.5 Amenity Sunlight

An amenity sunlight analysis of 14 outdoor spaces representing the designated public (communal) shared open space across the site was carried out to the procedures and standards set out in BRE 209 (2022).

6.6 Assessment – Neighbours

109 neighbouring houses/ gardens, selected for their proximity to the development, including 31 gardens were assessed for any potential impacts by the proposed development. The assessment were carried out to relevant windows assumed to be to habitable rooms and to selected rear gardens.

6.6.1 Daylight Assessment -Neighbours

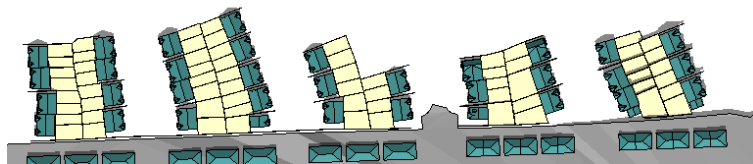
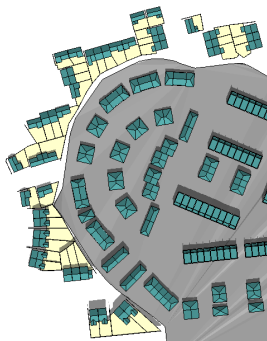
A daylight availability assessment comparing vertical sky components metrics before and after the development to the procedures and standards set out in BRE 209 (2022) were carried out

6.6.2 Sunlight Exposure Assessment- Neighbours

A Sunlight Exposure assessment comparing annual and winter probable sunlight hours before and after the development was carried out for windows assumed to be to living rooms (ie ground floor windows) and only to windows facing within 90 degrees of south as stipulated by BRE 209 (2022), and to its procedures and those of IS EN 170037.

6.6.3 Amenity Sunlight -Neighbours

An amenity sunlight analysis of the assumed private (rear) outdoor open spaces, at ground level, of 31 selected neighbour dwellings was carried out to the procedures and standards set out in BRE 209 (2022). Gardens were selected for their proximity to the development site boundary, apparent current amenity usage and access to sunlight (in that their own structures/extensions or mature trees do not currently form an obstacle to sunlight access).



Neighbours (yellow gardens) selected for assessment to west (left) and east (right)

6.6.1 Overshadowing Assessment - Neighbours

An indicative overshadowing assessment was also carried out to the studied building for key dates noon at December, March/September and June 21st. Each was carried out under before and after conditions.

7 Results

7.1 Terminology

Assessment results are numerical in nature, usually a percentage of various metrics (% of room meeting the daylight factor/ lux targets, percentage of a room or space that receives the recommended sunshine exposure hours/level, etc). Each metric has a threshold that must be met to be deemed complaint or meeting the recommended standard.

We use the terms 'Pass', 'Meets', 'Minimum' or 'Yes' (depending on the language of the assessed criteria in the Guidance) to indicate that the assessed dwelling, room (or window for neighbour impact tests) is compliant. For scores that exceed the threshold, terminology like 'meets', 'yes', 'medium' or 'high' is used (both indicating compliance also obviously. For dwellings or rooms (/windows) that do not reach the threshold, the results are termed 'marginal' if they fall within 10% of the threshold, or 'borderline'

if they fall within 2.5%. For results below that, the terms 'Fail', 'No' / 'Not', 'Low' or 'Below' may be used.

7.2 Assessment Results-Within Proposed Development

7.2.1 Daylight availability

The following are the result of the daylight availability assessment to the subject rooms:

Daylight SDA BS EN17037 Ballycullen- Proposed			
	Number of Rooms Tested	Rooms satisfying Criteria Qty.	%
Apartments			
ABC	126	113	90%
DEFG	100	99	99%
H I J K	216	212	98%
L -> y	352	344	98%
Z, B2, A2	80	76	95%
Houses			
West	602	561	93%
East	350	338	97%
Total	1826	1743	95.5%

Of 1826 habitable rooms assessed for spatial daylight autonomy (SDA), 1743 rooms passed the BS EN17037 criterion, a pass rate of 95.5%

An additional 29 rooms fell within the borderline/ marginal zone of results (being within 10% of both the illuminance and room area criterion).

Of the rooms that had results below the above level (sample shown below), a significant number were within 20% of the targets and with the compensatory measure provided can be expected to enjoy a daylight experience comparable to sample dwellings without these measures that do comply.

Room Ref	Unit no	Group	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Meets Criteria
11895	192	Hses West	Living Room	19.59	14.28	91	4.70	33%	NO
14709	197	Hses West	Living Room	19.59	14.28	91	4.61	32%	NO
14508	196	Hses West	Living Room	19.59	14.28	98	4.79	34%	NO
12297	025	Hses West	Living Room	19.59	14.28	100	4.98	35%	NO
13704	036	Hses West	Living Room	19.59	14.28	100	4.70	33%	NO
12498	189	Hses West	Living Room	19.59	14.28	101	4.79	34%	NO
13905	037	Hses West	Living Room	19.59	14.28	105	4.98	35%	NO
14106	043	Hses West	Living Room	19.59	14.28	105	4.88	34%	NO
12096	193	Hses West	Living Room	19.73	14.35	105	5.02	35%	NO
14910	186	Hses West	Living Room	19.59	14.28	106	4.79	34%	NO
14307	044	Hses West	Living Room	19.59	14.28	109	5.16	36%	NO
13503	024	Hses West	Living Room	19.59	14.28	113	5.34	37%	NO
11823	091	Hses East	Living Room	19.59	14.28	113	5.25	37%	NO
15111	171	Hses West	Living Room	19.59	14.28	113	5.34	37%	NO
11622	090	Hses East	Living Room	19.59	14.28	115	5.25	37%	NO
12699	012	Hses West	Living Room	19.59	14.28	120	5.71	40%	NO
13302	018	Hses West	Living Room	19.26	13.99	120	5.78	41%	NO
15312	172	Hses West	Living Room	19.59	14.28	120	5.53	39%	NO
12900	013	Hses West	Living Room	19.59	14.28	123	5.90	41%	NO
12024	096	Hses East	Living Room	19.59	14.28	123	5.71	40%	NO
12225	097	Hses East	Living Room	19.59	14.28	124	5.81	41%	NO

For full SDA results of all rooms, see Appendices 9.3.1

7.2.2 Sunlight Exposure

The following are the result of the sunlight exposure to the dwellings and rooms assessed.

Sunlight Exposure EN17037					
Ballycullen-Proposed		Group	Units Tested	units not satisfying Criteria	Dwellings satisfying Qty. %
Apartments					
ABC	Apt Blocks ABC		46	1	45 98%
DEFG	Apt Blocks DEFG		39	0	39 100%
H I J K	Apt Blocks HIJK		66	0	66 100%
L -> y	Apt Blocks L to Y		118	0	118 100%
Z, B2, A2	Apt Blocks Z B2 A2		32	0	32 100%
Houses					
West	Hses West		117	0	117 100%
East	Hses East		78	0	78 100%
Misc.			6	2	4 67%
Total			502	3	499 99.4%

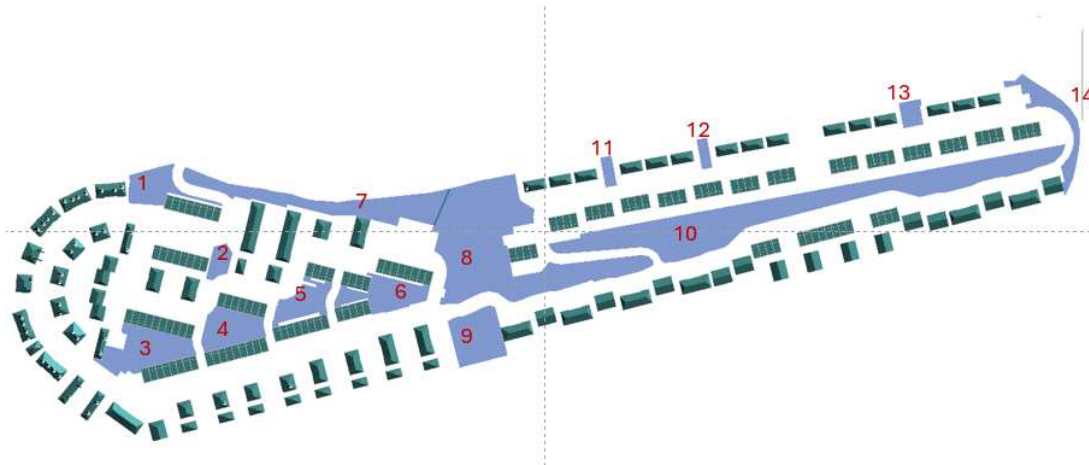
Of 502 dwellings (units) tested for sunlight exposure under EN 17037, 499 units (99.4%) meet the sunlight exposure criterion.

For full SE results of all rooms, see Appendices 9.3.2. It should be noted that for a unit (dwelling) to be deemed compliant, one habitable room in it must meet the required sunlight exposure levels.

7.2.3 Amenity Sunlight

14 outdoor surfaces aligning to our demarcated public open space in the scheme were assessed for amenity sunlight under BRE 209 (2022).

Project Name		Amenity Sunlight Analysis		
Project No.: 2412.0		BRE 2029 2022 (March / Sept 21)		
Analysis: 18/01/2025		Extnl Areas_Neighbours		
		* recommendation is 50% to receive >2hrs sun on March/ Sept21		
		**noticeable defined as less than minimum. Compliance means proposed is >=80% of existing		
Area (msq)		Proposed: Areas Meeting Criteria*		
Zone Ref		(msq)	(%)	>50% Receives >2hrs sun March/ Sept 21st)-Proposed ?
Extnl Space_1	850.91	850.91	100.00%	YES
Extnl Space_2	319.55	319.55	100.0%	YES
Extnl Space_3	1500.87	1500.87	100.0%	YES
Extnl Space_4	1031.91	1031.91	100.0%	YES
Extnl Space_5	782.79	782.79	100.0%	YES
Extnl Space_6	1080.45	1080.45	100.0%	YES
Extnl Space_7	2221.21	2221.21	100.0%	YES
Extnl Space_8	6133.66	6133.66	100.0%	YES
Extnl Space_9	1300.17	1300.17	100.0%	YES
Extnl Space_10	6319.31	6319.31	100.0%	YES
Extnl Space_11	179.91	179.91	100.0%	YES
Extnl Space_12	166.43	166.43	100.0%	YES
Extnl Space_13	276.05	276.05	100.0%	YES
Extnl Space_14	855.66	855.66	100.0%	YES



Key plan showing public open space areas assessed for amenity sunlight

All of the spaces receive in excess of the recommend quantities (duration and areas percentage) of sunlight exposure (2 hours or more sunshine on March and September 21st) measured against BRE criterion for external amenity sunlight.

7.3 Neighbour Impact Results

7.3.1 Daylight Impacts

Neighbours Ballycullen		Windows that meet BRE Guidelines		VSC Windows		
Daylight Imapcts	Number of Windows Tested			No. of Windows Experiencing Adverse Impacts		
		No.	%	20-29.99% loss (minor adverse losses)	30-39.99% loss (moderate adverse losses)	>40% loss (substantial losses)
Neighbours	808	807	100%	1	0	0
Total	808	807	100%	1	0	0

F 808 windows assessed 1 windows is impacted to a minor degree.

For full results see Appendix 9.3.3

7.3.2 Sunlight Impacts

Neighbours Ballycullen		Annual			Winter			Both		
SUNLIGHT Impacts	Number of Windows	Windows that meet BRE Guidelines		No. of Windows Experiencing Adverse Impacts	Windows that meet BRE Guidelines		No. of Windows Experiencing Adverse Impacts	Windows that meet BRE Guidelines		No. of Windows Experiencing Adverse Impacts
		No.	%		No.	%		No.	%	
Neighbours	413	413	100%	0	413	100%	0	413	100%	0
Total	413	413	100%	0	413	100%	0	413	100%	0

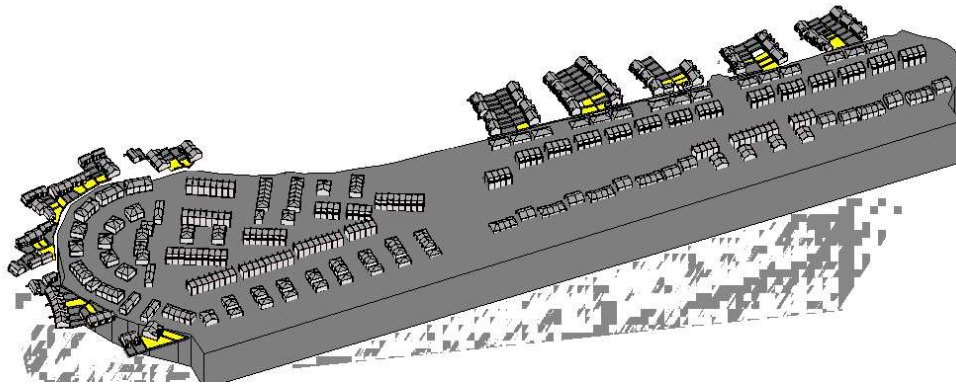
No windows are impacted.

For full results see appendix

7.3.3 Amenity Sunlight Impacts

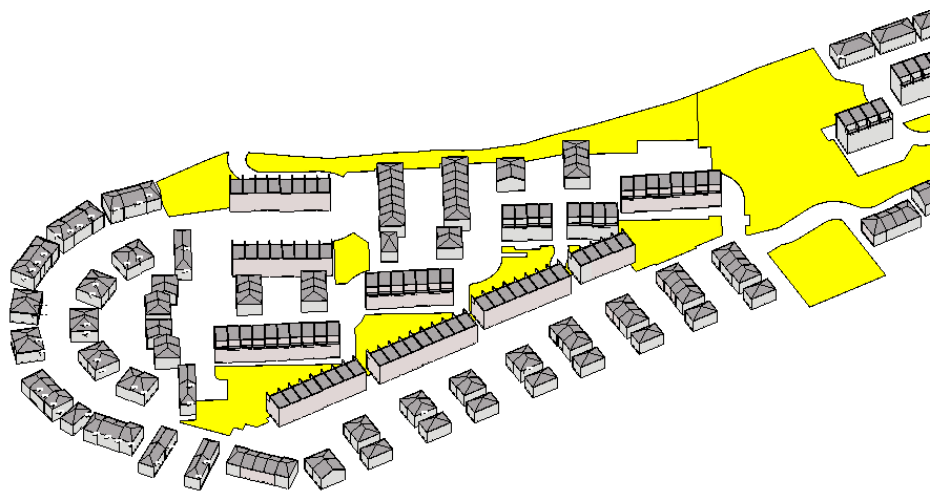
31 neighbours external areas as follows were assessed for amenity sunlight:

Amenity Sun Assessment results- Legend							
street code	external space no.	house no.	street name	street code	external space no.	house no.	street name
SWW	1	15	Stocking	AGA	17	1	Abbotts Grove Avenue
	2	13	Wood Way		18	17	
	3	12			19	18	
	4	10			20	23	
	5	8			21	24	
SWD	6	31	Stocking		22	27	
	7	29	Wood Drive		23	32	
	8	22			24	31	
	9	20			25	34	
	10	17			26	35	
SWG	11	30	Stocking	AGP	27	11	Abbotts Grove Park
	12	26	Wood Green		28	16	
SWR	14	19	Stocking		29	25	
	15	17	Wood Rise		30	27	
	16	16			31	28	



The results (hereunder) show no impacts that would meet the BRE definition of being ‘noticeable to any assessed areas occur.

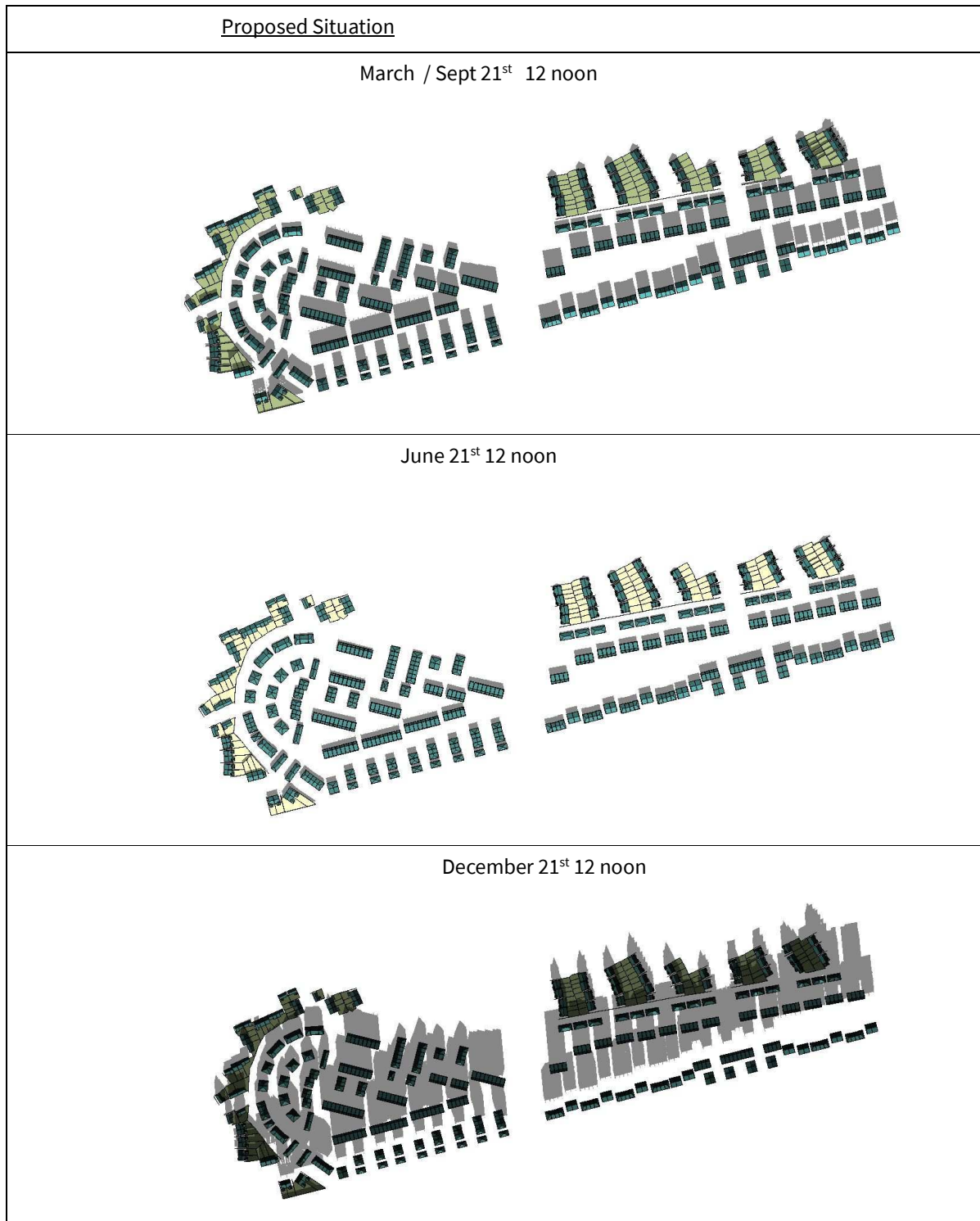
Project Name		Amenity Sunlight Analysis						* recommendation is 50% to receive >2hrs sun on March/ Sept21		
Project No.: XXXX		BRE 2029 2022 (March / Sept 21st)						**noticeable defined as less than minimum. Compliance means		
Analysis: 18/01/2025		Extnl Areas_Neighbours						proposed is >=80% of existing		
Facade Name	Facade	Lit Area	Lit Area		Lit Area	Lit Area				
	Area (msq)	Existing: Areas Meeting Criteria*	>50% Receives >2hrs sun March/ Sept 21st)- Existing ?		Proposed: Areas Meeting Criteria*	>50% Receives >2hrs sun March/ Sept 21st)- Proposed ?		Change/Reduction (msq)	%	Change/reduction is deemed Noticeable ** ?
Zone Ref		(msq)	(%)		(msq)	(%)				
no. assessed	28			25			25			0
Extnl Space_1	165.86	136.59	82.35%	YES	138.54	83.53%	YES	NA	NA	NA
Extnl Space_2	58.14	14.78	25.42%	NO	14.78	25.42%	NO	NA	NA	NA
Extnl Space_3	116.19	80.74	69.49%	YES	79.76	68.64%	YES	1.0	1%	NA
Extnl Space_4	86.10	61.36	71.26%	YES	61.36	71.26%	YES	NA	NA	NA
Extnl Space_5	85.71	65.65	76.60%	YES	65.65	76.60%	YES	NA	NA	NA
Extnl Space_6	116.19	80.74	69.49%	YES	79.76	68.64%	YES	1.0	1%	NA
Extnl Space_7	78.60	25.52	32.47%	NO	25.52	32.47%	NO	NA	NA	NA
Extnl Space_8	72.26	47.17	65.28%	YES	47.17	65.28%	YES	NA	NA	NA
Extnl Space_9	78.80	53.47	67.86%	YES	53.47	67.86%	YES	NA	NA	NA
Extnl Space_10	94.94	67.25	70.83%	YES	67.25	70.83%	YES	NA	NA	NA
Extnl Space_11	70.75	61.91	87.50%	YES	61.91	87.50%	YES	NA	NA	NA
Extnl Space_12	86.26	66.75	77.38%	YES	66.75	77.38%	YES	NA	NA	NA
Extnl Space_14	115.91	94.93	81.90%	YES	94.93	81.90%	YES	NA	NA	NA
Extnl Space_15	79.09	61.07	77.22%	YES	61.07	77.22%	YES	NA	NA	NA
Extnl Space_16	84.54	62.13	73.49%	YES	62.13	73.49%	YES	NA	NA	NA
Extnl Space_17	85.64	64.97	75.86%	YES	64.97	75.86%	YES	NA	NA	NA
Extnl Space_18	122.82	109.05	88.79%	YES	109.05	88.79%	YES	NA	NA	NA
Extnl Space_19	80.63	64.31	79.76%	YES	63.35	78.57%	YES	1.0	1%	NA
Extnl Space_20	103.16	86.61	83.96%	YES	84.67	82.08%	YES	1.9	2%	NA
Extnl Space_21	94.19	82.29	87.37%	YES	76.34	81.05%	YES	5.9	7%	NA
Extnl Space_22	91.10	73.30	80.46%	YES	69.11	75.86%	YES	4.2	6%	NA
Extnl Space_23	115.24	94.29	81.82%	YES	94.29	81.82%	YES	NA	NA	NA
Extnl Space_24	72.99	42.02	57.58%	YES	42.02	57.58%	YES	NA	NA	NA
Extnl Space_25	74.11	43.23	58.33%	YES	43.23	58.33%	YES	NA	NA	NA
Extnl Space_26	77.85	37.84	48.61%	NO	37.84	48.61%	NO	NA	NA	NA
Extnl Space_27	143.59	128.53	89.51%	YES	127.53	88.81%	YES	1.0	1%	NA
Extnl Space_28	166.84	115.58	69.28%	YES	115.58	69.28%	YES	NA	NA	NA
Extnl Space_29	102.04	61.42	60.19%	YES	61.42	60.19%	YES	NA	NA	NA
Extnl Space_30	155.26	120.02	77.30%	YES	120.02	77.30%	YES	NA	NA	NA
Extnl Space_31	264.78	222.37	83.98%	YES	222.37	83.98%	YES	NA	NA	NA



Sample of graphic results for amenity sunlight assessment to public outdoor space (western)

7.3.4 Overshadowing

The shadow diagrams hereunder illustrate the shadow experienced around the site after the development at noon on the key dates referred to throughout the year



The proposed project is imperceptible in its impact on overshadowing of neighbours from March to September.

7.4 Mitigation and Compensation

7.4.1 Competing Priorities and Flexibility In the Guidance

The guidance is replete with suggestions to planning authorities to consider the numerical guidelines as recommendations, not as rigid metrics to be imposed to the detriment of other, often competing planning and urban design objectives.

The Design Guidelines for instance states '*planning authorities should apply their discretion taking account of its assessment of specifics (aspects of the proposal). This (departure from meeting the recommendations) may arise due to a design constraints associated with the site or location and the (planning authority should proceed by) balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solutions*'.

The BRE guidance document states that '*although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design. In special circumstances the developer or planning authority may wish to use different target values. For example in historic city centres or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable if new developments or to match the height and proportions of existing buildings*'.

The project's design has sought through its siting, massing, and fenestration to achieve a high quality of daylight distribution within and sunlight exposure to the requisite spaces of the new dwellings. This has been realised despite having a challenging sloped site leading to obstacles to achieve SuDs and universal access, which preclude alternative layouts for blocks and dwellings. The north facing slope makes achieving daylight and sunlight targets more difficult also.

7.4.2 Compensatory Measures

At the scale of dwelling design, the architects have sought to provide quality rooms which feature 2.7m floor to ceiling heights, a 12.5% increase over standard, which will compensate for any marginal weaknesses in daylight and sunlight access in the small number dwelling that experience this. Research shows that increased ceiling height *create a sense of grandeur and spaciousness. They visually expand the room's dimensions, making it feel more inviting and less cramped. The increased vertical space allows for taller furniture, artwork, and architectural elements, adding depth and character to the interior.* [1, 2]. Residents additionally have immediate access to a comprehensive network of outdoor communal areas that fully meet the recommendations for daylight and sunlight.

There is no doubt that the provision of new housing such as this is a high priority and the small number of units that do not fully meet the recommended targets for daylight and sunlight should be evaluated against the overall potential benefits of the project.

7.5 Conclusion

The proposed development has been successfully designed to provide the recommended quality of daylight and sunlight to the new dwellings and outdoor amenity spaces to the vast majority of its dwellings. The vast majority of dwelling pass or exceed the target criterion.

8 Approval

This assessment study was carried out by Brian T O'Brien MRAI M Arch (UC Berkeley), B Arch Sci TU Dublin, Dip Arch, Bau-biologist.

Brian is a graduate of TU Dublin School of Architecture, has a Masters in sustainable architecture (2009) from the University of California at Berkeley, experience with UCD's Energy Research Group, 20 years lecturing on sustainable design at TU Dublin and two decades leading Irish and European research/analysis and design projects at prestigious Irish sustainable design practice Solearth Architecture. He has been conducting daylight and shadow analysis for the last 20 years and is an acknowledged expert in sustainable design and building performance.

Signed:



Date: 18 April 2024

9 Appendix

9.1 Glossary and Meanings

Vertical Sky Component (VSC):

VSC is the proportion of the illuminance available at a point on a given vertical plane that is received directly from an overcast sky model compared to the luminance on a horizontal plane due to an unobstructed hemisphere of this sky at the same moment. Usually the given vertical plane is the outside of a window wall or a window itself. The VSC does not include reflected light either from the ground or from other buildings.

VSC is the appropriate measure of daylight on a window.

Annual probable sunlight hours (APSH) and winter probable sunlight hours (WPSH)

APSH and WPSH are a measure of sunlight that a given window may expect over a 365 day period or over the period between 21st September and 21st March respectively.

These are the appropriate measures of sunlight on a window.

Sun on Ground (SoG)/ Amenity sunlight

SoG is an evaluation of what area, or percentage of the area, of a garden or amenity space is capable of receiving 2 hours or more of direct sunlight on March 21st. SOG is the appropriate measure of sunlight on an outdoor open space.

Sunlight Exposure (SE)

SE is the number of hours of direct sunlight a room could expect to receive on a given date between February 1st and March 21st at a specified window. Sunlight exposure is the appropriate test for sunlight received inside a room.

Spatial Daylight Autonomy (SDA) also known as daylight availability

SDA analyzes whether a room receives appropriate sunlight on a theoretical working plane during typical operating hours over the year. For compliance, the target must be achieved across half of the working plane for half of the occupied period. SDA is the appropriate test for the level of daylight ie daylight availability inside a room.

Lux (illuminance)

Lux is a standardized unit of measurement of light level intensity. One Lux is the same as the illumination a single candle strength light provides to a 1square meter surface that is a metre away from it. For daylight analysis, lux levels are typically translated, (based on the latitude of the location) to daylight factors (DF). BS EN 17037's NA gives the following examples; a lux level of 100 translates to a daylight factor of 1.0, 150 lux becomes a daylight factor of 1.5, and 200 lux equates to a 2% daylight factor.

Daylight Factor (DF)

DF is the ratio of the daylight available on a theoretical plane inside a space, versus the daylight available outside that space on a comparable plane, at the same moment.

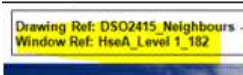
No Sky line (NSL)

The NSL is the line across a room's plan that separates areas that can see the sky from those that cant.

9.2 Graphic Results

9.2.1 Neighbour Impacts

In the detail results shown in Appendices (table of results and Waldram diagrams), each individual dwelling window carries a Window Ref(ERENCE) in the format ‘Address_Number’(being the property address on town plan below and a unique window number.



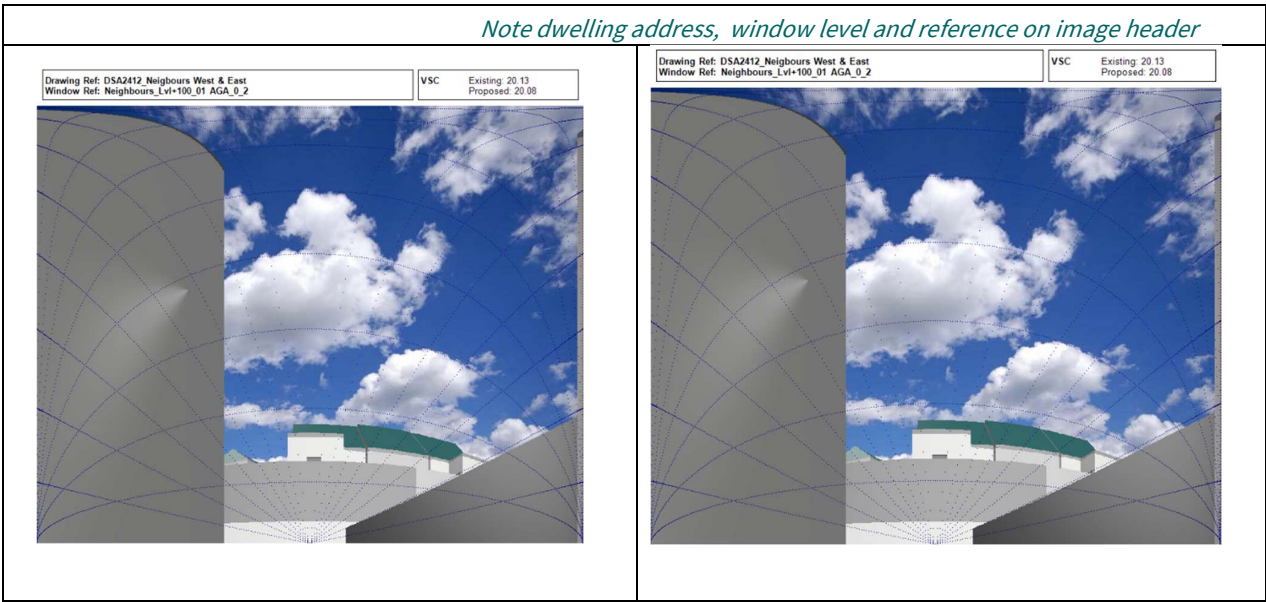
Street names are given as a three letter code as follows:

SWC=*Stocking Wood Copse*, SWR=*Stocking Wood Rise*, SWD= *Stocking Wood Drive*, SWG=*Stocking Wood Green*, SWM=*Stocking Wood Manor*, SWW=*Stocking Wood Way*, AGP= *Abbotts Grove Park*, AGA=*Abbotts Grove Av*

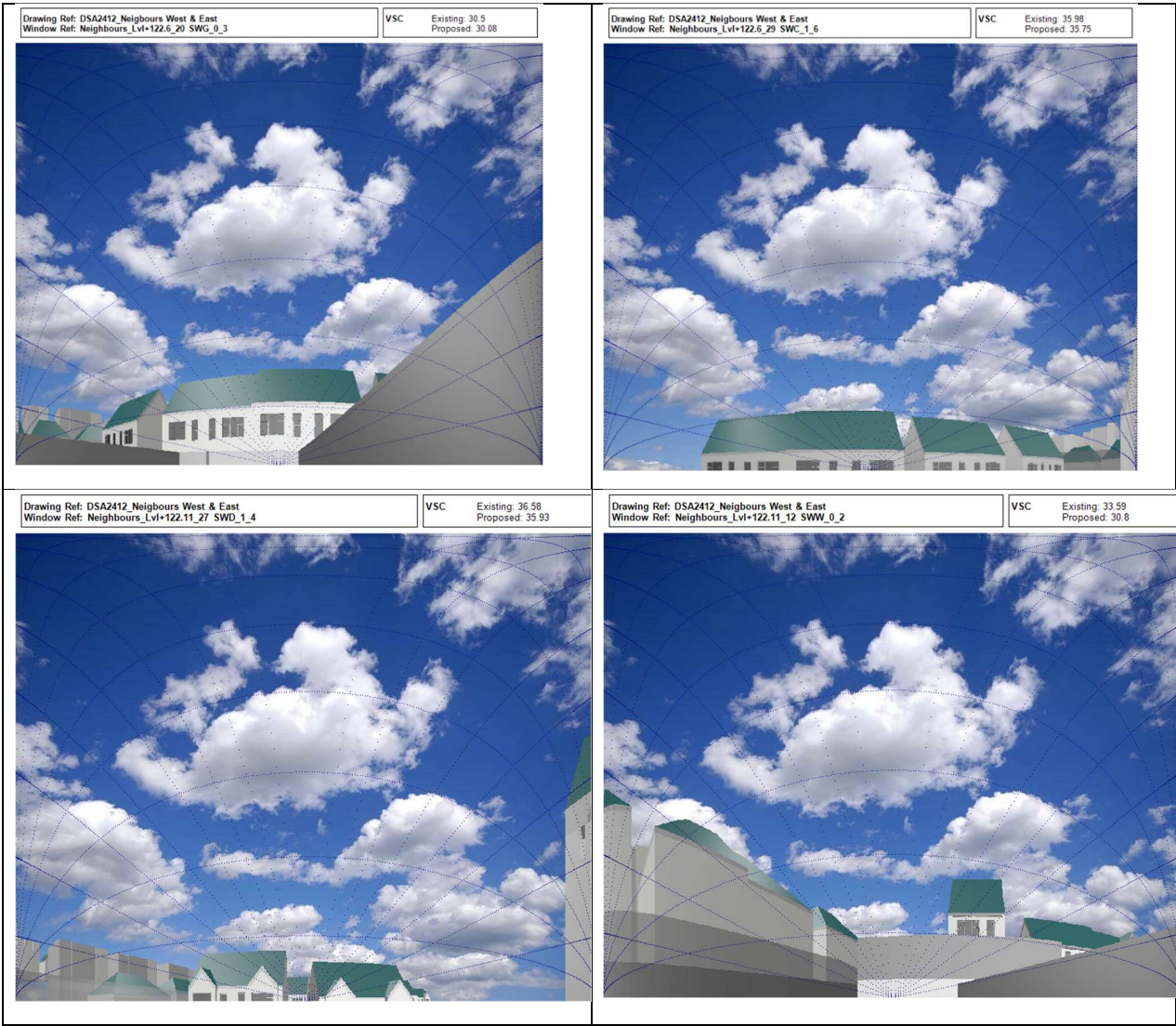
Daylight Availability

Daylight availability measured from outside a window uses the vertical sky component (VSC) metric. It is an analysis of the window’s geometry and the geometry of nearby buildings, tested against a skylight record, in diagram form, of the yearly average for daylight in the sky in that direction ie it is a static calculation representing a whole year.

The Waldram diagram graphics below shows the VSC per window(s)/ glazed panel under the before and after conditions in the top right corner of the diagram of a sample of neighbour windows. The numerical results referred to above for these windows can be seen in the image also (see also tabular results per window below)





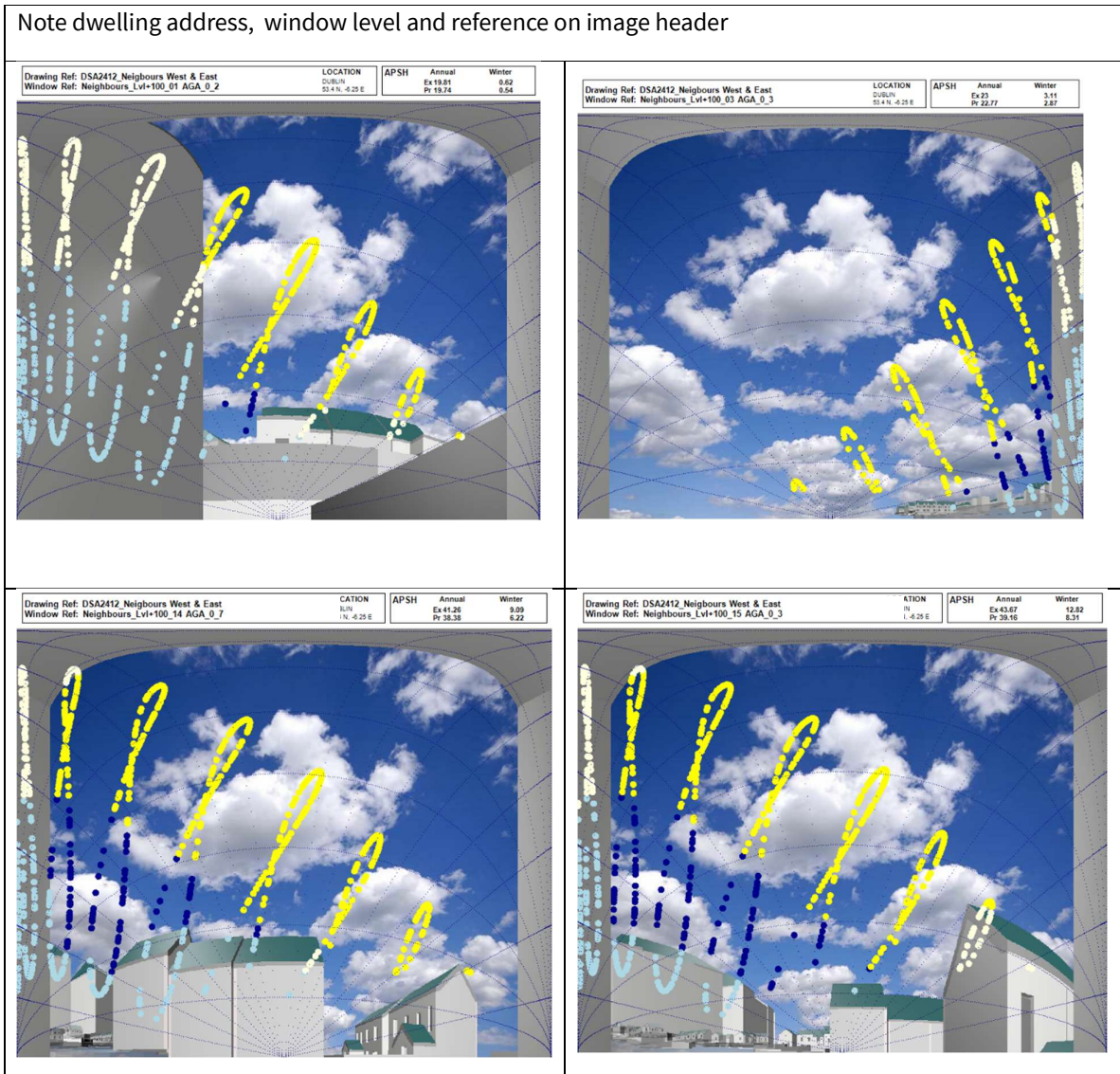


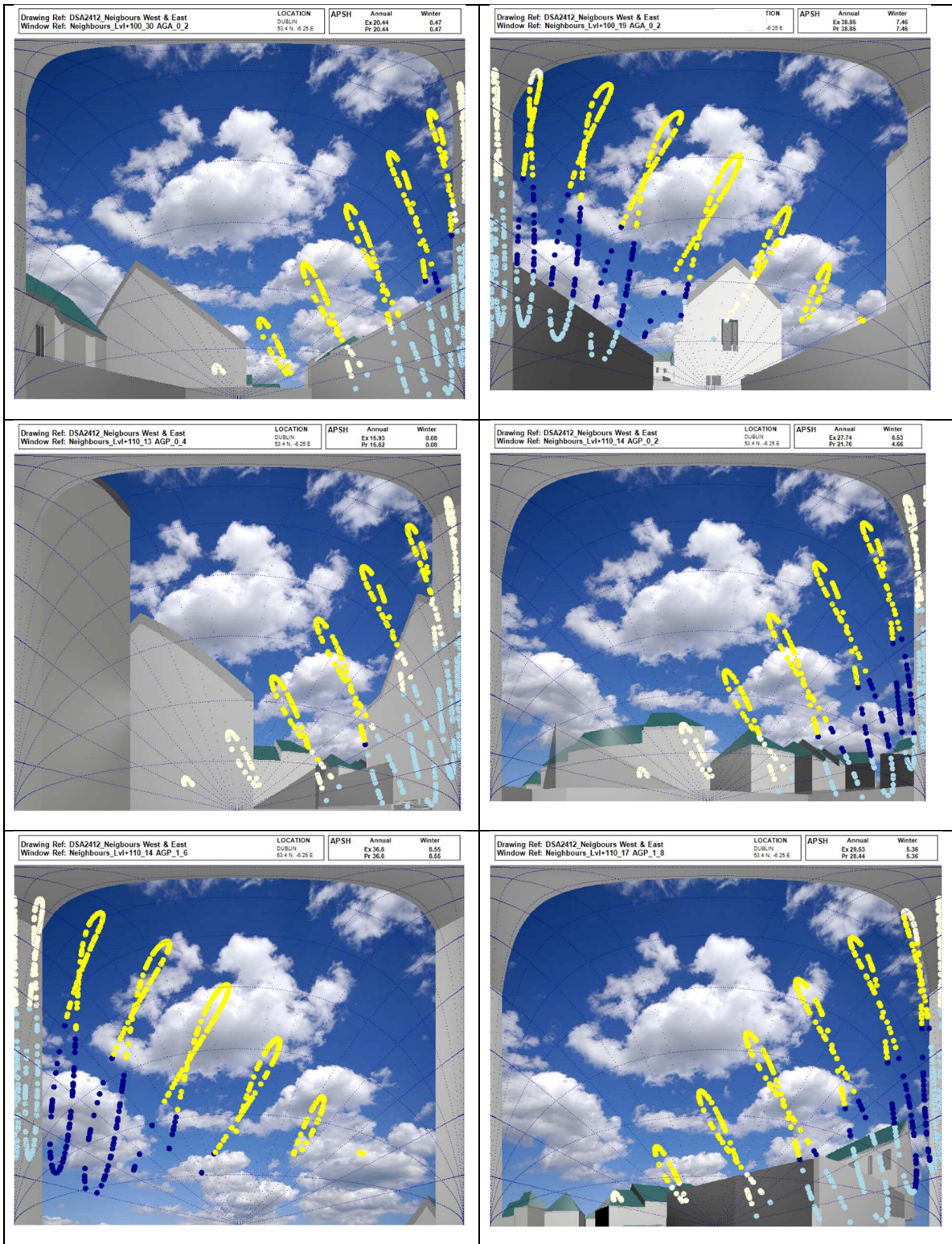
Sunlight Access

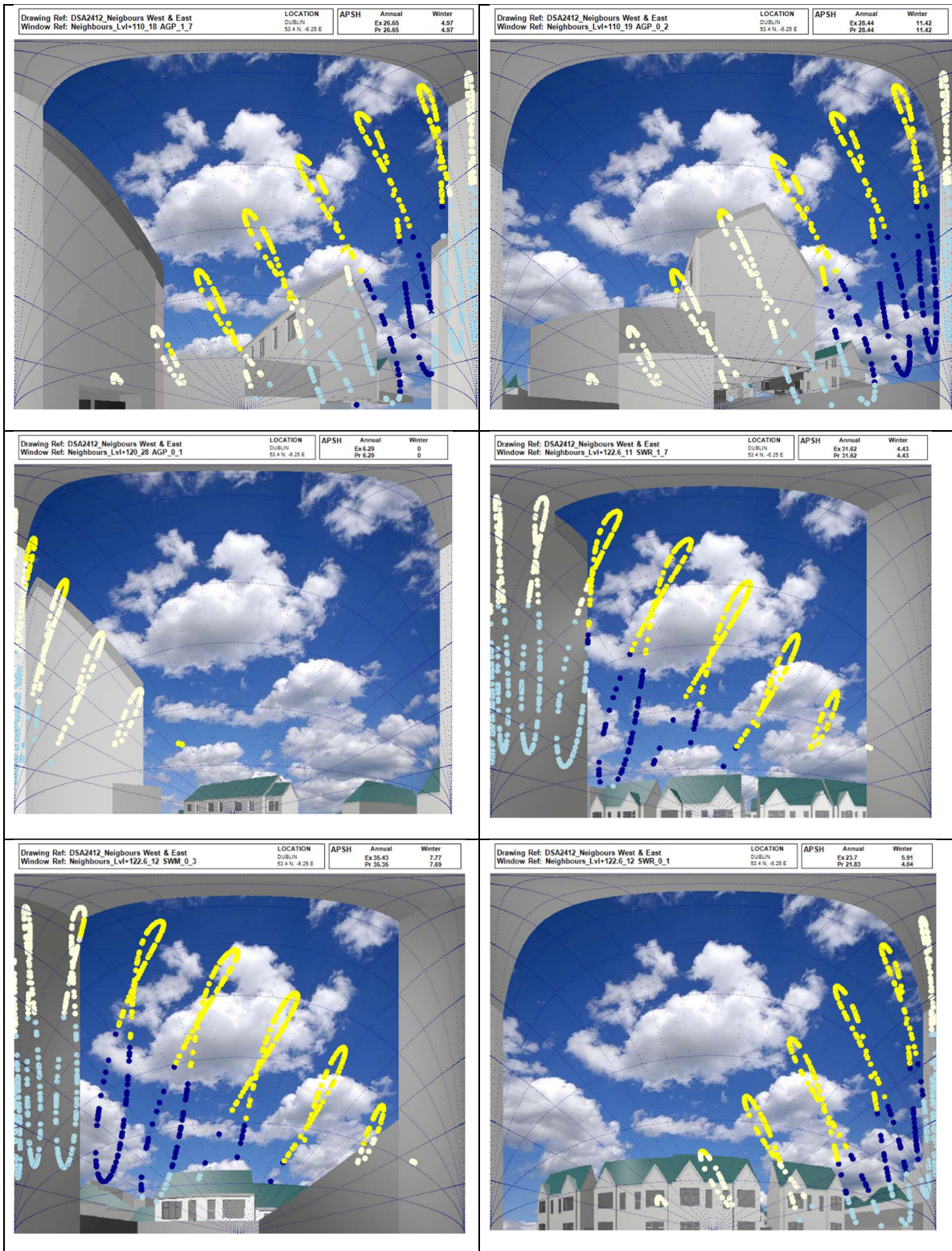
Sunlight incident on a neighbouring window is analysed using the annual (and winter) probable sunlight hours (APSH) metric. APSH refers to the number of hours sunlight received on March and Sept 21st. APSH for neighbour impact tests is only applicable to living room windows facing within 90 degrees of south.

The Waldrom diagram graphics below show a sample of the APSH results per window(s) or glazed panel in the top right corner of the diagram for a sample of windows. The numerical results referred to above for these windows can be seen in the image also (see also tabular results per room above).

APSH	Annual	Winter
Ex 40	15	15
Pr 40	15	15







9.3 Detail Results by Dwelling / Window/ Garden

9.3.1 Daylight Availability-Proposed development

See following

9.3.2 Sunlight Exposure-Proposed development

See following

9.3.3 Neighbour Impacts Daylight (VSC) and Sunlight (a/pPSH)

See following

AMALGAMATED SDA Results

Ballycullen Proposed

Daylight SDA

BS EN 17037

14-Apr-25

Room Ref	Unit no	Group	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Meets Criteria	Marginal
11895	192	Hses West	Living Room	19.59	14.28	91	4.70	33%	NO	
14709	197	Hses West	Living Room	19.59	14.28	91	4.61	32%	NO	
14508	196	Hses West	Living Room	19.59	14.28	98	4.79	34%	NO	
12297	025	Hses West	Living Room	19.59	14.28	100	4.98	35%	NO	
13704	036	Hses West	Living Room	19.59	14.28	100	4.70	33%	NO	
12498	189	Hses West	Living Room	19.59	14.28	101	4.79	34%	NO	
13905	037	Hses West	Living Room	19.59	14.28	105	4.98	35%	NO	
14106	043	Hses West	Living Room	19.59	14.28	105	4.88	34%	NO	
12096	193	Hses West	Living Room	19.73	14.35	105	5.02	35%	NO	
14910	186	Hses West	Living Room	19.59	14.28	106	4.79	34%	NO	
14307	044	Hses West	Living Room	19.59	14.28	109	5.16	36%	NO	
13503	024	Hses West	Living Room	19.59	14.28	113	5.34	37%	NO	
11823	091	Hses East	Living Room	19.59	14.28	113	5.25	37%	NO	
15111	171	Hses West	Living Room	19.59	14.28	113	5.34	37%	NO	
11622	090	Hses East	Living Room	19.59	14.28	115	5.25	37%	NO	
12699	012	Hses West	Living Room	19.59	14.28	120	5.71	40%	NO	
13302	018	Hses West	Living Room	19.26	13.99	120	5.78	41%	NO	
15312	172	Hses West	Living Room	19.59	14.28	120	5.53	39%	NO	
12900	013	Hses West	Living Room	19.59	14.28	123	5.90	41%	NO	
12024	096	Hses East	Living Room	19.59	14.28	123	5.71	40%	NO	
12225	097	Hses East	Living Room	19.59	14.28	124	5.81	41%	NO	
12828	108	Hses East	Living Room	19.59	14.28	124	5.71	40%	NO	
13101	019	Hses West	Living Room	19.26	13.99	125	5.87	42%	NO	
12426	102	Hses East	Living Room	19.59	14.28	125	5.90	41%	NO	
7909	102	Hses West	Living Room	15.07	10.57	126	4.75	45%	NO	
8102	102	Hses West	Living Room	15.07	10.57	126	4.66	44%	NO	
12627	103	Hses East	Living Room	19.59	14.28	126	5.99	42%	NO	
13029	109	Hses East	Living Room	19.59	14.28	126	5.99	42%	NO	
13833	135	Hses East	Living Room	19.59	14.28	126	5.99	42%	NO	
747	a500	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	127	5.01	62%	YES	
13632	134	Hses East	Living Room	19.59	14.28	128	5.81	41%	NO	
8295	134	Hses West	Living Room	15.07	10.57	129	4.66	44%	NO	
13230	128	Hses East	Living Room	19.59	14.28	129	5.90	41%	NO	
13431	129	Hses East	Living Room	19.59	14.28	129	5.99	42%	NO	
923	129	Apt Blocks HIJK	Living Room	21.03	15.64	131	6.52	42%	NO	
7716	129	Hses West	Living Room	15.07	10.57	132	4.75	45%	NO	
8488	129	Hses West	Living Room	15.07	10.57	132	4.57	43%	NO	
917	129	Apt Blocks HIJK	Living Room	21.03	15.64	132	7.06	45%	NO	
8681	129	Hses West	Living Room	15.07	10.57	134	4.83	46%	NO	
1027	129	Apt Blocks L to Y	Living Room	21.03	15.64	134	7.06	45%	NO	
1033	129	Apt Blocks L to Y	Living Room	21.03	15.64	136	6.88	44%	NO	
1039	129	Apt Blocks L to Y	Living Room	21.03	15.64	137	6.79	43%	NO	
1045	129	Apt Blocks L to Y	Living Room	21.03	15.64	137	7.06	45%	NO	M
1069	129	Apt Blocks L to Y	Living Room	21.03	15.64	137	6.97	45%	NO	M
1081	29_Lev0	Apt Blocks L to Y	Living Room	21.03	15.64	140	7.15	46%	NO	M
789	XXX	Hses West	Bedroom	12.98	8.82	140	7.11	81%	YES	
6751	Ukn	Hses West	Living Room	15.07	10.57	142	5.01	47%	NO	M
9453	Ukn	Hses West	Living Room	15.07	10.57	142	5.01	47%	NO	M
755	a488	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	142	5.96	73%	YES	
911	+122.21	Apt Blocks HIJK	Living Room	21.03	15.64	143	7.59	49%	NO	M
1063	+122.21	Apt Blocks L to Y	Living Room	21.03	15.64	144	7.59	49%	NO	M
8874	a488	Hses West	Living Room	15.07	10.57	144	5.19	49%	NO	M
1075	+122.21	Apt Blocks L to Y	Living Room	21.03	15.64	145	7.59	49%	NO	M
6172	a488	Hses West	Living Room	15.07	10.57	147	5.19	49%	NO	M
6558	a488	Hses West	Living Room	15.07	10.57	147	5.28	50%	YES	
5981	a488	Hses West	Living Room	15.07	10.57	148	5.19	49%	NO	M
6365	a488	Hses West	Living Room	15.07	10.57	148	5.19	49%	NO	M
755	a250	Apt Blocks DEFG	Bedroom	12.01	8.12	148	6.39	79%	YES	
941	a250	Apt Blocks HIJK	Living Room	21.03	15.64	148	7.59	49%	NO	M
750	a250	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	148	6.45	38%	NO	
a492<	a250	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	148	6.18	36%	NO	
uTyp4A-L	a250	Apt Blocks HIJK	Living Room	21.03	15.64	149	7.77	50%	YES	
742	a250	Apt Blocks DEFG	Bedroom	12.00	8.12	150	6.05	74%	YES	
953	a250	Apt Blocks HIJK	Living Room	21.03	15.63	151	8.04	51%	YES	

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929	a250	Apt Blocks HIJK	Living Room	21.03	15.64	152	8.04	51%	YES	
1105	a250	Apt Blocks L to Y	Living Room	21.03	15.64	152	7.86	50%	YES	
1117	a250	Apt Blocks L to Y	Living Room	21.03	15.64	152	8.13	52%	YES	
753	a486	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	152	6.56	81%	YES	
12585	a486	Hses West	Kitchen - Dining	15.66	10.63	153	4.66	44%	NO	
6944	a486	Hses West	Living Room	15.07	10.57	155	5.46	52%	YES	
9260	a486	Hses West	Living Room	15.07	10.57	155	5.37	51%	YES	
935	a486	Apt Blocks HIJK	Living Room	21.03	15.64	156	8.22	53%	YES	
887	a486	Apt Blocks HIJK	Living Room	21.03	15.64	156	8.22	53%	YES	
1111	+122.19	Apt Blocks L to Y	Living Room	21.03	15.64	157	8.31	53%	YES	
1093	a486	Apt Blocks L to Y	Living Room	21.03	15.64	157	7.95	51%	YES	
1099	a486	Apt Blocks L to Y	Living Room	21.03	15.64	157	8.49	54%	YES	
9067	a486	Hses West	Living Room	15.07	10.57	158	5.46	52%	YES	
743	a256	Apt Blocks DEFG	Bedroom	12.01	8.12	158	5.79	71%	YES	
759	a258	Apt Blocks DEFG	Bedroom	12.00	8.12	158	6.31	78%	YES	
875	a258	Apt Blocks HIJK	Living Room	21.03	15.64	158	8.49	54%	YES	
1087	a258	Apt Blocks L to Y	Living Room	21.03	15.64	159	8.04	51%	YES	
5130	049	Hses West	Bedroom	14.98	10.64	160	9.41	88%	YES	
7137	049	Hses West	Living Room	15.07	10.57	160	5.55	53%	YES	
994	049	Hses East	Bedroom	11.67	7.89	160	7.53	95%	YES	
802	049	Hses East	Bedroom	11.67	7.89	161	7.62	97%	YES	
770	049	Hses East	Bedroom	13.18	9.15	162	8.82	96%	YES	
850	049	Hses West	Bedroom	13.18	9.15	163	8.22	90%	YES	
900	049	Hses West	Bedroom	13.18	9.15	163	8.39	92%	YES	
743	a211	Apt Blocks ABC	Bedroom	12.01	8.12	163	6.22	77%	YES	
881	a211	Apt Blocks HIJK	Living Room	21.03	15.64	163	8.22	53%	YES	
848	a211	Apt Blocks ABC	Bedroom	12.00	8.14	164	6.58	81%	YES	
a245'	a245	Apt Blocks ABC	Bedroom	12.00	8.14	164	6.75	83%	YES	
9786	039	Hses West	Bedroom	11.71	7.93	165	7.56	95%	YES	
890	039	Hses West	Bedroom	13.18	9.15	165	8.90	97%	YES	
5173	039	Hses East	Bedroom	11.67	7.89	165	7.62	97%	YES	
768	039	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	165	6.98	41%	NO	
a232-	a233	Apt Blocks ABC	Bedroom	12.00	8.14	165	6.58	81%	YES	
845	a233	Hses West	Bedroom	13.18	9.15	166	8.82	96%	YES	
5329	051	Hses West	Bedroom	14.98	10.64	166	9.67	91%	YES	
810	051	Hses West	Bedroom	13.18	9.15	166	8.73	95%	YES	
11644	051	Hses West	Bedroom	11.67	7.89	166	7.44	94%	YES	
776	051	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	166	6.89	41%	NO	
799	051	Hses West	Bedroom	12.98	8.82	167	8.46	96%	YES	
794	051	Hses West	Bedroom	12.98	8.82	167	8.46	96%	YES	
748	051	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	167	7.07	42%	NO	
757	a254	Apt Blocks DEFG	Bedroom	12.01	8.12	167	6.39	79%	YES	
973	a254	Apt Blocks L to Y	Living Room	21.03	15.64	168	9.02	58%	YES	
2742	021	Hses West	Bedroom	12.83	8.82	169	7.74	88%	YES	
7523	021	Hses West	Living Room	15.07	10.57	169	5.82	55%	YES	
7330	021	Hses West	Living Room	15.07	10.57	169	6.09	58%	YES	
2586	021	Hses East	Bedroom	11.67	7.89	169	7.71	98%	YES	
940	021	Hses West	Bedroom	13.18	9.15	169	8.48	93%	YES	
875	021	Hses West	Bedroom	13.18	9.15	169	8.39	92%	YES	
3541	021	Hses West	uTypeC1_B3	11.53	7.77	170	3.27	42%	NO	
880	021	Hses West	Bedroom	13.18	9.15	170	8.22	90%	YES	
885	021	Hses West	Bedroom	13.18	9.15	170	8.39	92%	YES	
905	021	Apt Blocks HIJK	Living Room	21.03	15.64	170	8.93	57%	YES	
935	021	Hses West	Bedroom	13.18	9.15	171	8.73	95%	YES	
1193	021	Hses East	Bedroom	11.67	7.89	171	7.71	98%	YES	
1392	021	Hses East	Bedroom	11.67	7.89	171	7.71	98%	YES	
2785	021	Hses East	Bedroom	11.67	7.89	171	7.71	98%	YES	
3581	021	Hses East	Bedroom	11.67	7.89	171	7.71	98%	YES	
742	021	Apt Blocks ABC	Bedroom	12.00	8.12	171	6.56	81%	YES	
893	021	Apt Blocks HIJK	Living Room	21.03	15.64	171	9.29	59%	YES	
835	021	Hses West	Bedroom	13.18	9.15	172	8.56	94%	YES	
855	021	Hses West	Bedroom	13.18	9.15	172	8.90	97%	YES	
11962	091	Hses East	Bedroom	14.23	9.50	172	7.08	75%	YES	
5372	091	Hses East	Bedroom	11.67	7.89	172	7.62	97%	YES	

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854	091	Apt Blocks ABC	Bedroom	12.00	8.14	172	6.84	84%	YES	
746	091	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	172	7.25	43%	NO	
11761	090	Hses East	Bedroom	14.23	9.50	173	7.17	75%	YES	
775	090	Hses East	Bedroom	13.18	9.15	173	9.07	99%	YES	
2745	090	Hses West	uTypeC1_B3	11.53	7.77	174	3.36	43%	NO	
14245	043	Hses West	Bedroom	14.23	9.50	174	7.26	76%	YES	
2387	043	Hses East	Bedroom	11.67	7.89	174	7.62	97%	YES	
759	043	Hses East	Bedroom	12.98	8.82	174	8.46	96%	YES	
4775	043	Hses East	Bedroom	11.67	7.89	174	7.71	98%	YES	
870	043	Hses West	Bedroom	13.18	9.15	174	8.39	92%	YES	
821	043	Apt Blocks ABC	Bedroom	12.00	8.14	174	6.92	85%	YES	
uTyp2A-B1	a251	Apt Blocks DEFG	Bedroom	12.00	8.14	174	6.84	84%	YES	
796	a251	Apt Blocks DEFG	Bedroom	12.00	8.14	174	6.49	80%	YES	
14446	044	Hses West	Bedroom	14.23	9.50	175	7.17	75%	YES	
784	044	Hses West	Bedroom	12.98	8.82	175	8.55	97%	YES	
780	044	Hses East	Bedroom	13.18	9.15	175	9.07	99%	YES	
1591	044	Hses East	Bedroom	11.67	7.89	175	7.71	98%	YES	
1790	044	Hses East	Bedroom	11.67	7.89	175	7.71	98%	YES	
955	044	Hses West	Bedroom	13.18	9.15	175	8.90	97%	YES	
uTyp4A-L	044	Apt Blocks L to Y	Living Room	21.03	15.64	175	9.29	59%	YES	
1129	044	Apt Blocks L to Y	Living Room	21.03	15.64	175	9.38	60%	YES	
4931	048	Hses West	Bedroom	14.98	10.64	176	10.09	95%	YES	
824	048	Apt Blocks ABC	Bedroom	12.00	8.14	176	6.92	85%	YES	
1123	048	Apt Blocks L to Y	Living Room	21.03	15.64	176	9.47	61%	YES	
945	048	Hses West	Bedroom	13.18	9.15	177	8.82	96%	YES	
778	048	Apt Blocks DEFG	Bedroom	12.00	8.14	177	7.10	87%	YES	
745	a262	Apt Blocks DEFG	Bedroom	12.01	8.12	177	6.82	84%	YES	
910	a262	Hses West	Bedroom	13.18	9.15	178	8.90	97%	YES	
785	a262	Hses East	Bedroom	13.18	9.15	178	9.07	99%	YES	
11641	174	Hses West	Bedroom	12.89	8.87	178	7.61	86%	YES	
820	174	Hses West	Bedroom	13.18	9.15	178	8.99	98%	YES	
763	a209	Apt Blocks ABC	Bedroom	12.01	8.12	178	7.69	95%	YES	
851	a209	Apt Blocks ABC	Bedroom	12.00	8.14	178	6.75	83%	YES	
799	a209	Apt Blocks DEFG	Bedroom	12.00	8.14	178	6.58	81%	YES	
899	a209	Apt Blocks HIJK	Living Room	21.03	15.63	178	9.47	61%	YES	
845	.24	Apt Blocks ABC	Bedroom	12.00	8.14	178	6.92	85%	YES	
14044	037	Hses West	Bedroom	14.23	9.50	179	7.35	77%	YES	
11445	037	Hses West	Bedroom	11.67	7.89	179	7.62	97%	YES	
4974	037	Hses East	Bedroom	11.67	7.89	179	7.80	99%	YES	
775	037	Apt Blocks DEFG	Bedroom	12.00	8.14	179	7.01	86%	YES	
a492^	a492	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	179	6.39	79%	YES	
2936	a492	Hses West	uTypeC1_B2	11.62	7.85	180	3.48	44%	NO	
10197	064	Hses West	Bedroom	11.71	7.93	180	7.66	97%	YES	
920	064	Hses West	Bedroom	13.18	9.15	180	8.99	98%	YES	
950	064	Hses West	Bedroom	13.18	9.15	180	8.99	98%	YES	
815	064	Hses West	Bedroom	13.18	9.15	180	8.99	98%	YES	
842	064	Apt Blocks ABC	Bedroom	12.00	8.14	180	7.01	86%	YES	
756	064	Apt Blocks ABC tchen - Dining - Living		22.40	17.01	180	7.34	43%	NO	
800	064	Apt Blocks ABC	Bedroom	12.00	8.14	180	7.10	87%	YES	
747	a268	Apt Blocks DEFG	Bedroom	12.01	8.12	180	6.74	83%	YES	
947	a268	Apt Blocks HIJK	Living Room	21.03	15.63	180	9.02	58%	YES	
11021	078	Hses West	Bedroom	11.71	7.93	181	7.75	98%	YES	
930	078	Hses West	Bedroom	13.18	9.15	181	9.07	99%	YES	
3180	118	Hses East	Bedroom	12.89	8.87	181	8.03	91%	YES	
4576	118	Hses East	Bedroom	11.67	7.89	181	7.89	100%	YES	
795	118	Hses East	Bedroom	13.18	9.15	181	9.07	99%	YES	
745	a203	Apt Blocks ABC	Bedroom	12.01	8.12	181	7.69	95%	YES	
3538	016	Hses West	Bedroom	12.83	8.82	182	8.16	92%	YES	
1548	033	Hses West	Bedroom	12.83	8.82	182	8.16	92%	YES	
13843	036	Hses West	Bedroom	14.23	9.50	182	7.26	76%	YES	
10609	070	Hses West	Bedroom	11.71	7.93	182	7.66	97%	YES	
11433	088	Hses West	Bedroom	11.71	7.93	182	7.66	97%	YES	
12163	096	Hses East	Bedroom	14.23	9.50	182	7.44	78%	YES	
12364	097	Hses East	Bedroom	14.23	9.50	182	7.44	78%	YES	

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12565	102	Hses East	Bedroom	14.23	9.50	182	7.53	79%	YES	M
uTyp3A-B1	109.154	Apt Blocks ABC	Bedroom	12.00	8.14	182	7.18	88%	YES	
14848	197	Hses West	Bedroom	14.23	9.50	182	7.08	75%	YES	
797	197	Apt Blocks ABC	Bedroom	12.00	8.14	182	7.18	88%	YES	
752	197	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	182	7.43	44%	NO	
961	197	Hses West	uTypeC1_B3	11.53	7.77	183	3.53	45%	NO	
2188	97_Lev1	Hses East	Bedroom	11.67	7.89	183	7.89	100%	YES	
3979	197	Hses East	Bedroom	11.67	7.89	183	7.80	99%	YES	
790	197	Hses East	Bedroom	13.18	9.15	183	9.07	99%	YES	
865	197	Hses West	Bedroom	13.18	9.15	183	8.99	98%	YES	
806	197	Apt Blocks ABC	Bedroom	12.00	8.14	183	7.18	88%	YES	M
2944	197	Hses West	uTypeC1_B3	11.53	7.77	184	3.36	43%	NO	
749	197	Hses West	Bedroom	12.98	8.82	184	8.64	98%	YES	
915	197	Hses West	Bedroom	13.18	9.15	184	9.07	99%	YES	
769	197	Hses West	Bedroom	12.98	8.82	184	8.64	98%	YES	
779	197	Hses West	Bedroom	12.98	8.82	184	8.64	98%	YES	
12766	103	Hses East	Bedroom	14.23	9.50	184	7.35	77%	YES	
14647	196	Hses West	Bedroom	14.23	9.50	184	7.44	78%	YES	
803	196	Apt Blocks ABC	Bedroom	12.00	8.14	184	7.27	89%	YES	
754	196	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	184	7.88	46%	NO	
743	a476	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	184	6.65	82%	YES	M
B1	011	Hses West	Bedroom	12.98	8.82	185	8.64	98%	YES	
9993	011	Hses West	Bedroom	13.02	8.97	185	8.13	91%	YES	
13168	109	Hses East	Bedroom	14.23	9.50	185	7.53	79%	YES	
860	109	Hses West	Bedroom	13.18	9.15	185	9.07	99%	YES	
1012	109	Apt Blocks L to Y	Bedroom	12.18	7.90	185	6.34	80%	YES	
4533	010	Hses West	Bedroom	13.81	9.65	186	9.56	99%	YES	
3732	010	Hses West	uTypeC1_B2	11.62	7.85	186	3.66	47%	NO	
805	010	Hses West	Bedroom	13.18	9.15	186	8.90	97%	YES	
759	010	Hses West	Bedroom	12.98	8.82	186	8.64	98%	YES	M
12967	108	Hses East	Bedroom	14.23	9.50	186	7.53	79%	YES	
2984	108	Hses East	Bedroom	11.67	7.89	186	7.71	98%	YES	
3780	108	Hses East	Bedroom	11.67	7.89	186	7.71	98%	YES	
3183	108	Hses East	Bedroom	11.67	7.89	186	7.80	99%	YES	
772	108	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	186	7.70	45%	NO	
778	108	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	186	7.79	46%	NO	
988	108	Apt Blocks L to Y	Bedroom	12.18	7.90	186	6.34	80%	YES	
751	a484	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	186	6.48	80%	YES	
4732	009	Hses West	Bedroom	13.81	9.65	187	9.39	97%	YES	M
1747	034	Hses West	Bedroom	12.83	8.82	187	8.32	94%	YES	
1946	040	Hses West	Bedroom	12.83	8.82	187	8.24	93%	YES	
895	040	Hses West	Bedroom	13.18	9.15	187	9.07	99%	YES	
750	40_Lev1	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	187	7.97	47%	NO	
1989	040	Hses East	Bedroom	11.67	7.89	187	7.89	100%	YES	
15049	186	Hses West	Bedroom	14.23	9.50	187	7.35	77%	YES	
758	186	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	187	8.06	47%	NO	
751	a275	Apt Blocks DEFG	Bedroom	12.01	8.12	187	7.17	88%	YES	
869	a275	Apt Blocks HIJK	Living Room	21.03	15.63	187	9.74	62%	YES	M
1000	a275	Apt Blocks L to Y	Bedroom	12.18	7.90	187	6.55	83%	YES	
1006	a275	Apt Blocks L to Y	Bedroom	12.18	7.90	187	6.34	80%	YES	
1048	a275	Apt Blocks L to Y	Bedroom	12.18	7.90	187	6.55	83%	YES	
840	a275	Hses West	Bedroom	13.18	9.15	188	8.90	97%	YES	
4377	+122.17	Hses East	Bedroom	11.67	7.89	188	7.80	99%	YES	
13972	135	Hses East	Bedroom	14.23	9.50	188	7.62	80%	YES	
12637	189	Hses West	Bedroom	14.23	9.50	188	7.35	77%	YES	
749	a279	Apt Blocks DEFG	Bedroom	12.01	8.12	188	7.26	89%	YES	
1036	a279	Apt Blocks L to Y	Bedroom	12.18	7.90	188	6.34	80%	YES	M
5727	008	Hses West	Bedroom	12.58	8.62	189	8.34	97%	YES	
4135	046	Hses West	Bedroom	13.76	9.61	189	9.35	97%	YES	
925	046	Hses West	Bedroom	13.18	9.15	189	9.07	99%	YES	
13369	128	Hses East	Bedroom	14.23	9.50	189	7.53	79%	YES	
13570	129	Hses East	Bedroom	14.23	9.50	189	7.53	79%	YES	
13771	134	Hses East	Bedroom	14.23	9.50	189	7.53	79%	YES	
3936	175	Hses West	Bedroom	12.83	8.82	189	8.32	94%	YES	

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761	a205	Apt Blocks ABC	Bedroom	12.01	8.12	189	7.26	89%	YES	
753	a283	Apt Blocks DEFG	Bedroom	12.01	8.12	189	7.34	90%	YES	
976	a283	Apt Blocks L to Y	Bedroom	12.18	7.90	189	6.55	83%	YES	
982	a283	Apt Blocks L to Y	Bedroom	12.18	7.90	189	6.43	81%	YES	
830	a283	Hses West	Bedroom	13.18	9.15	190	9.07	99%	YES	
3379	117	Hses East	Bedroom	12.89	8.87	190	8.28	93%	YES	
3976	121	Hses East	Bedroom	12.89	8.87	190	8.12	92%	YES	
15451	172	Hses West	Bedroom	14.23	9.50	190	7.35	77%	YES	
774	172	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	190	7.79	46%	NO	M
784	172	Apt Blocks DEFG	Bedroom	12.00	8.14	190	7.36	90%	YES	
808	172	Apt Blocks DEFG	Bedroom	12.00	8.14	190	7.36	90%	YES	
1018	172	Apt Blocks L to Y	Bedroom	12.18	7.90	190	6.52	83%	YES	
1024	172	Apt Blocks L to Y	Bedroom	12.18	7.90	190	6.65	84%	YES	
744	172	Apt Blocks Z B2 A2	tchen - Dining - Living	22.40	17.01	190	7.97	47%	NO	M
749	a482	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	190	6.74	83%	YES	
12987	a482	Hses West	Kitchen - Dining	15.66	10.63	191	5.22	49%	NO	M
10405	a482	Hses West	Bedroom	13.02	8.97	191	8.30	92%	YES	
1185	a482	Hses East	Bedroom	11.50	7.75	191	7.66	99%	YES	
766	+122.15	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	191	8.41	49%	NO	M
2578	a482	Hses East	Bedroom	11.50	7.75	191	7.66	99%	YES	
744	a482	Apt Blocks DEFG	Bedroom	22.40	17.01	191	17.01	100%	YES	
763	a270	Apt Blocks DEFG	Bedroom	12.01	8.12	191	6.91	85%	YES	
811	a270	Apt Blocks DEFG	Bedroom	12.00	8.14	191	7.36	90%	YES	
1042	a270	Apt Blocks L to Y	Bedroom	12.18	7.90	191	6.52	83%	YES	
1060	a270	Apt Blocks L to Y	Bedroom	12.18	7.90	191	6.65	84%	YES	
2941	022	Hses West	Bedroom	12.83	8.82	192	8.32	94%	YES	
10817	022	Hses West	Bedroom	13.02	8.97	192	8.30	92%	YES	
11982	022	Hses West	Kitchen - Dining	15.66	10.63	192	5.10	48%	NO	M
802	022	Apt Blocks DEFG	Bedroom	12.00	8.14	192	7.36	90%	YES	
761	a264	Apt Blocks DEFG	Bedroom	12.00	8.12	192	7.52	93%	YES	
a284"	a284	Apt Blocks DEFG	Bedroom	12.00	8.14	192	7.44	91%	YES	
1054	a284	Apt Blocks L to Y	Bedroom	12.18	7.90	192	6.34	80%	YES	
1066	a284	Apt Blocks L to Y	Bedroom	12.18	7.90	192	6.71	85%	YES	
1072	a284	Apt Blocks L to Y	Bedroom	12.18	7.90	192	6.76	86%	YES	
742	a284	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	192	6.82	84%	YES	
757	a490	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	192	6.91	85%	YES	
12786	a490	Hses West	Kitchen - Dining	15.66	10.63	193	5.19	49%	NO	M
13642	024	Hses West	Bedroom	14.23	9.50	193	7.35	77%	YES	
3140	027	Hses West	Bedroom	12.83	8.82	193	8.24	93%	YES	
2145	041	Hses West	Bedroom	12.83	8.82	193	8.32	94%	YES	
4175	122	Hses East	Bedroom	12.89	8.87	193	8.28	93%	YES	
15250	171	Hses West	Bedroom	14.23	9.50	193	7.53	79%	YES	
1030	171	Apt Blocks L to Y	Bedroom	12.18	7.90	193	6.71	85%	YES	
1078	171	Apt Blocks L to Y	Bedroom	12.18	7.90	193	6.43	81%	YES	
745	a498	Apt Blocks Z B2 A2	Bedroom	12.01	8.12	193	6.74	83%	YES	
3578	119	Hses East	Bedroom	12.89	8.87	194	8.37	94%	YES	
769	a217	Apt Blocks ABC	Bedroom	12.01	8.12	194	7.08	87%	YES	
747	a221	Apt Blocks ABC	Bedroom	12.01	8.12	194	7.08	87%	YES	
760	a221	Apt Blocks DEFG	Bedroom	22.40	17.01	194	17.01	100%	YES	
994	a221	Apt Blocks L to Y	Bedroom	12.18	7.90	194	6.61	84%	YES	
1096	a221	Apt Blocks L to Y	Bedroom	12.18	7.90	194	6.55	83%	YES	
uTypeC1_B1	a221	Hses West	Bedroom	12.83	8.82	195	8.32	94%	YES	
1150	029	Hses West	Bedroom	12.83	8.82	195	8.32	94%	YES	
905	029	Hses West	Bedroom	13.18	9.15	195	9.07	99%	YES	
11229	029	Hses West	Bedroom	13.02	8.97	195	8.38	93%	YES	
12235	193	Hses West	Bedroom	14.36	9.57	196	7.58	79%	YES	
759	a201	Apt Blocks ABC	Bedroom	12.01	8.12	196	7.26	89%	YES	
787	a201	Apt Blocks DEFG	Bedroom	12.00	8.14	196	7.53	93%	YES	
1090	a201	Apt Blocks L to Y	Bedroom	12.18	7.90	196	6.80	86%	YES	
1102	a201	Apt Blocks L to Y	Bedroom	12.18	7.90	196	6.71	85%	YES	
1114	a201	Apt Blocks L to Y	Bedroom	12.18	7.90	196	6.43	81%	YES	
1145	a201	Hses West	uTypeC1_B2	11.62	7.85	197	3.84	49%	NO	M
13441	018	Hses West	Bedroom	13.98	9.29	197	7.23	78%	YES	
3339	028	Hses West	Bedroom	12.83	8.82	197	8.32	94%	YES	

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2344	032	Hses West	Bedroom	12.83	8.82	197	8.32	94%	YES	
9991	059	Hses West	Bedroom	11.71	7.93	197	7.84	99%	YES	
765	a277	Apt Blocks DEFG	Bedroom	12.00	8.12	197	7.52	93%	YES	
790	a277	Apt Blocks DEFG	Bedroom	12.00	8.14	197	7.62	94%	YES	
1084	a277	Apt Blocks L to Y	Bedroom	12.18	7.90	197	6.96	88%	YES	
1108	a277	Apt Blocks L to Y	Bedroom	12.18	7.90	197	6.86	87%	YES	
825	a277	Hses West	Bedroom	13.18	9.15	198	9.07	99%	YES	
986	a277	Hses East	Bedroom	11.50	7.75	198	7.66	99%	YES	
a232)	a232	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	198	8.41	49%	NO	M
758	a232	Apt Blocks DEFG	Bedroom	22.40	17.01	198	17.01	100%	YES	
767	a281	Apt Blocks DEFG	Bedroom	12.00	8.12	198	7.60	94%	YES	
a465<	a281	Apt Blocks L to Y	Bedroom	12.18	7.90	198	6.96	88%	YES	
826	a281	Hses West	Bedroom	11.88	8.09	199	7.54	93%	YES	
2543	031	Hses West	Bedroom	12.83	8.82	199	8.32	94%	YES	
5528	050	Hses West	Bedroom	14.98	10.64	199	10.27	97%	YES	
10815	071	Hses West	Bedroom	11.71	7.93	199	7.84	99%	YES	
805	071	Apt Blocks DEFG	Bedroom	12.00	8.14	199	7.44	91%	YES	
764	071	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	199	8.32	49%	NO	M
793	071	Apt Blocks DEFG	Bedroom	12.00	8.14	199	7.62	94%	YES	
uTyp4A-B1	a357	Apt Blocks L to Y	Bedroom	12.18	7.90	199	7.07	89%	YES	
12436	025	Hses West	Bedroom	14.23	9.50	200	7.44	78%	YES	
1349	030	Hses West	Bedroom	12.83	8.82	200	8.32	94%	YES	
11835	030	Hses West	Bedroom	11.50	7.75	200	7.75	100%	YES	
12183	030	Hses West	Kitchen - Dining	15.66	10.63	200	5.31	50%	YES	
uTyp2A-B1	a208	Apt Blocks ABC	Bedroom	12.00	8.14	200	7.44	91%	YES	
791	a208	Apt Blocks ABC	Bedroom	12.00	8.14	200	7.36	90%	YES	
770	a208	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	200	8.50	50%	YES	
13590	a208	Hses West	Kitchen - Dining	15.66	10.63	201	5.41	51%	YES	
11227	079	Hses West	Bedroom	11.71	7.93	201	7.84	99%	YES	
4178	079	Hses East	Bedroom	11.67	7.89	201	7.80	99%	YES	
5364	079	Hses East	Bedroom	11.50	7.75	201	7.75	100%	YES	
781	079	Apt Blocks DEFG	Bedroom	12.00	8.14	201	7.88	97%	YES	
970	079	Apt Blocks L to Y	Bedroom	12.18	7.90	201	7.16	91%	YES	
1126	079	Apt Blocks L to Y	Bedroom	12.18	7.90	201	7.16	91%	YES	
793	079	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	201	7.88	97%	YES	
a285\	079	Apt Blocks DEFG	Bedroom	12.01	8.12	201	7.60	94%	YES	
1153	079	Hses West	uTypeC1_B3	11.53	7.77	202	3.97	51%	YES	
14394	079	Hses West	Kitchen - Dining	15.66	10.63	202	5.41	51%	YES	
3939	079	Hses West	uTypeC1_B3	11.53	7.77	202	3.97	51%	YES	
12034	192	Hses West	Bedroom	14.23	9.50	202	7.53	79%	YES	
14796	192	Hses West	Kitchen - Dining	15.66	10.63	202	5.41	51%	YES	
749	a333	Apt Blocks HIJK	Bedroom	12.00	8.12	202	7.08	87%	YES	
749	109.10	Apt Blocks ABC	Bedroom	12.01	8.12	203	7.69	95%	YES	
3382	UNKN	Hses East	Bedroom	11.67	7.89	203	7.80	99%	YES	
a339-	a339	Apt Blocks HIJK	Bedroom	12.00	8.12	203	7.51	93%	YES	
10403	065	Hses West	Bedroom	11.71	7.93	204	7.84	99%	YES	
12384	065	Hses West	Kitchen - Dining	15.66	10.63	205	5.61	53%	YES	
1352	065	Hses West	uTypeC1_B3	11.53	7.77	205	3.97	51%	YES	
1583	065	Hses East	Bedroom	11.50	7.75	205	7.75	100%	YES	
6961	065	Hses East	Bedroom	8.02	4.85	205	4.17	86%	YES	
794	065	Apt Blocks ABC	Bedroom	12.00	8.14	205	7.88	97%	YES	
4334	047	Hses West	Bedroom	13.76	9.61	206	9.52	99%	YES	
2777	047	Hses East	Bedroom	11.50	7.75	206	7.75	100%	YES	
815	047	Apt Blocks ABC	Bedroom	12.00	8.14	206	7.88	97%	YES	
771	a219	Apt Blocks ABC	Bedroom	12.01	8.12	206	7.60	94%	YES	
787	a219	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	206	7.88	97%	YES	
2379	a219	Hses East	Bedroom	11.50	7.75	207	7.75	100%	YES	
2782	116	Hses East	Bedroom	12.89	8.87	207	8.53	96%	YES	
9161	116	Hses East	Bedroom	8.02	4.85	207	4.37	90%	YES	
764	116	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	207	8.95	53%	YES	
11435	116	Hses West	Bedroom	13.02	8.97	208	8.46	94%	YES	
B1	089	Hses East	Bedroom	12.98	8.82	208	8.82	100%	YES	
1981	089	Hses East	Bedroom	11.50	7.75	208	7.75	100%	YES	
4767	089	Hses East	Bedroom	11.50	7.75	208	7.75	100%	YES	

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7161	089	Hses East	Bedroom	8.02	4.85	208	4.27	88%	YES	
a491"	a491	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	208	7.88	97%	YES	
3135	a491	Hses West	uTypeC1_B2	11.62	7.85	209	4.10	52%	YES	
2546	a491	Hses West	uTypeC1_B3	11.53	7.77	209	4.42	57%	YES	
4130	a491	Hses West	uTypeC1_B2	11.62	7.85	209	4.28	55%	YES	
1384	a491	Hses East	Bedroom	11.50	7.75	210	7.75	100%	YES	
2976	a491	Hses East	Bedroom	11.50	7.75	210	7.75	100%	YES	
15399	a491	Hses West	Kitchen - Dining	15.66	10.63	210	5.59	53%	YES	
762	a491	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	210	9.04	53%	YES	
744	a491	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	210	9.13	54%	YES	
756	a491	Apt Blocks DEFG	Bedroom	21.35	16.11	210	16.11	100%	YES	
936	a491	Hses West	Bedroom	11.88	8.09	211	7.82	97%	YES	
2180	a491	Hses East	Bedroom	11.50	7.75	211	7.75	100%	YES	
3772	a491	Hses East	Bedroom	11.50	7.75	211	7.75	100%	YES	
4966	a491	Hses East	Bedroom	11.50	7.75	211	7.75	100%	YES	
5563	a491	Hses East	Bedroom	11.50	7.75	211	7.75	100%	YES	
14595	a491	Hses West	Kitchen - Dining	15.66	10.63	211	5.53	52%	YES	
831	a491	Hses West	Bedroom	11.88	8.09	212	7.54	93%	YES	
11023	a491	Hses West	Bedroom	13.02	8.97	212	8.46	94%	YES	
9562	a491	Hses East	Bedroom	14.28	9.10	212	9.10	100%	YES	
755	a234	Apt Blocks ABC	Bedroom	12.01	8.12	212	7.60	94%	YES	
772	a234	Apt Blocks DEFG	tchen - Dining - Living	22.39	17.00	212	8.68	51%	YES	
9788	a234	Hses West	Bedroom	13.02	8.97	213	8.46	94%	YES	
1782	a234	Hses East	Bedroom	11.50	7.75	213	7.75	100%	YES	
9361	a234	Hses East	Bedroom	8.02	4.85	213	4.37	90%	YES	
767	a223	Apt Blocks ABC	Bedroom	12.01	8.12	213	7.69	95%	YES	
744	a223	Hses West	Bedroom	12.98	8.82	214	8.73	99%	YES	
764	a223	Hses East	Bedroom	12.98	8.82	214	8.82	100%	YES	
14997	a223	Hses West	Kitchen - Dining	15.66	10.63	214	5.87	55%	YES	
806	a223	Hses West	Bedroom	11.88	8.09	215	7.54	93%	YES	
1344	a223	Hses West	uTypeC1_B2	11.62	7.85	215	4.28	55%	YES	
10611	a223	Hses West	Bedroom	13.02	8.97	215	8.46	94%	YES	
4568	a223	Hses East	Bedroom	11.50	7.75	215	7.75	100%	YES	
15198	a223	Hses West	Kitchen - Dining	15.66	10.63	215	5.87	55%	YES	
743	a336	Apt Blocks HIJK	Bedroom	12.01	8.12	215	7.60	94%	YES	
836	a336	Hses West	Bedroom	11.88	8.09	216	7.54	93%	YES	
841	a336	Hses West	Bedroom	11.88	8.09	216	7.54	93%	YES	
14193	a336	Hses West	Kitchen - Dining	15.66	10.63	216	5.78	54%	YES	
11442	057	Hses West	Bedroom	12.89	8.87	216	8.37	94%	YES	
754	057	Hses East	Bedroom	12.98	8.82	216	8.82	100%	YES	
8961	057	Hses East	Bedroom	8.02	4.85	216	4.47	92%	YES	
747	a327	Apt Blocks HIJK	Bedroom	12.00	8.12	216	7.77	96%	YES	
765	109.26	Apt Blocks ABC	Bedroom	12.01	8.12	217	7.52	93%	YES	
744	UNKN	Hses East	Bedroom	12.98	8.82	217	8.82	100%	YES	
9962	UNKN	Hses East	Bedroom	14.28	9.10	217	9.10	100%	YES	
6362	UNKN	Hses East	Bedroom	14.28	9.10	217	9.10	100%	YES	
812	UNKN	Apt Blocks ABC	Bedroom	12.00	8.14	217	7.70	95%	YES	
796	UNKN	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	217	7.88	97%	YES	
754	UNKN	Hses West	Bedroom	12.98	8.82	218	8.73	99%	YES	
749	UNKN	Hses East	Bedroom	12.98	8.82	218	8.82	100%	YES	
5165	UNKN	Hses East	Bedroom	11.50	7.75	218	7.75	100%	YES	
9789	UNKN	Hses West	Bedroom	11.50	7.75	219	7.75	100%	YES	
11636	UNKN	Hses West	Bedroom	11.50	7.75	219	7.75	100%	YES	
9162	UNKN	Hses East	Bedroom	14.28	9.10	219	9.10	100%	YES	
7162	UNKN	Hses East	Bedroom	14.28	9.10	219	9.10	100%	YES	
779	Lev00	Apt Blocks ABC	Bedroom	12.01	8.12	219	7.43	91%	YES	
13992	UNKN	Hses West	Kitchen - Dining	15.66	10.63	220	5.78	54%	YES	
3740	UNKN	Hses West	uTypeC1_B3	11.53	7.77	220	4.50	58%	YES	
3368	UNKN	Hses East	Bedroom	8.91	5.43	220	5.43	100%	YES	
9362	UNKN	Hses East	Bedroom	14.28	9.10	220	9.10	100%	YES	
8362	UNKN	Hses East	Bedroom	14.28	9.10	220	9.10	100%	YES	
7562	UNKN	Hses East	Bedroom	14.28	9.10	220	9.10	100%	YES	
6162	UNKN	Hses East	Bedroom	14.28	9.10	220	9.10	100%	YES	
775	UNKN	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	220	7.88	97%	YES	

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13389	UNKN	Hses West	Kitchen - Dining	15.36	10.37	221	5.82	56%	YES	
13240	019	Hses West	Bedroom	13.98	9.29	221	7.45	80%	YES	
3143	019	Hses West	uTypeC1_B3	11.53	7.77	221	4.50	58%	YES	
10199	019	Hses West	Bedroom	13.02	8.97	221	8.46	94%	YES	
809	019	Apt Blocks ABC	Bedroom	12.00	8.14	222	7.53	93%	YES	
760	019	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	222	9.58	56%	YES	
813	a210	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	222	13.84	56%	YES	
1a	a252	Apt Blocks DEFG	Bedroom	21.35	16.11	222	16.11	100%	YES	
784	a252	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	222	7.88	97%	YES	
1543	a252	Hses West	uTypeC1_B2	11.62	7.85	223	4.64	59%	YES	
5381	051	Hses West	Kitchen - Dining	24.55	18.85	223	10.82	57%	YES	
764	051	Hses West	Bedroom	12.98	8.82	223	8.82	100%	YES	
4170	051	Hses East	Bedroom	11.50	7.75	223	7.75	100%	YES	
7362	051	Hses East	Bedroom	14.28	9.10	223	9.10	100%	YES	
774	051	Hses West	Bedroom	12.98	8.82	224	8.82	100%	YES	
11561	051	Hses East	Bedroom	8.02	4.85	224	4.66	96%	YES	
10362	051	Hses East	Bedroom	14.28	9.10	224	9.10	100%	YES	
8562	051	Hses East	Bedroom	14.28	9.10	224	9.10	100%	YES	
8762	051	Hses East	Bedroom	14.28	9.10	224	9.10	100%	YES	
7962	051	Hses East	Bedroom	14.28	9.10	224	9.10	100%	YES	
6762	051	Hses East	Bedroom	14.28	9.10	224	9.10	100%	YES	
746	051	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	224	9.49	56%	YES	
790	051	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	224	7.88	97%	YES	
13188	051	Hses West	Kitchen - Dining	15.36	10.37	225	5.82	56%	YES	
2347	051	Hses West	uTypeC1_B3	11.53	7.77	225	4.50	58%	YES	
3777	120	Hses East	Bedroom	12.89	8.87	225	8.53	96%	YES	
11162	120	Hses East	Bedroom	14.28	9.10	225	9.10	100%	YES	
810	a206	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	225	14.29	58%	YES	
12838	012	Hses West	Bedroom	14.23	9.50	226	7.80	82%	YES	
753	a238	Apt Blocks ABC	Bedroom	12.00	8.12	226	7.86	97%	YES	
8291	005	Hses West	Kitchen	14.50	10.21	227	5.41	53%	YES	
767	092	Hses East	Bedroom	8.76	5.39	227	5.39	100%	YES	
3374	092	Hses East	Bedroom	11.50	7.75	227	7.75	100%	YES	
6562	092	Hses East	Bedroom	14.28	9.10	227	9.10	100%	YES	
821	092	Hses West	Bedroom	11.88	8.09	227	7.82	97%	YES	
778	092	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	227	7.88	97%	YES	
8484	006	Hses West	Kitchen	14.50	10.21	228	5.67	56%	YES	
2981	115	Hses East	Bedroom	12.89	8.87	228	8.62	97%	YES	
3175	115	Hses East	Bedroom	11.50	7.75	228	7.75	100%	YES	
3971	115	Hses East	Bedroom	11.50	7.75	228	7.75	100%	YES	
7905	003	Hses West	Kitchen	14.50	10.21	229	5.59	55%	YES	
13039	013	Hses West	Bedroom	14.23	9.50	229	7.62	80%	YES	
3342	013	Hses West	uTypeC1_B3	11.53	7.77	229	4.59	59%	YES	
13791	013	Hses West	Kitchen - Dining	15.66	10.63	229	5.95	56%	YES	
4164	013	Hses East	Bedroom	8.91	5.43	229	5.43	100%	YES	
7762	013	Hses East	Bedroom	14.28	9.10	229	9.10	100%	YES	
6962	013	Hses East	Bedroom	14.28	9.10	229	9.10	100%	YES	
781	013	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	229	7.88	97%	YES	
8098	004	Hses West	Kitchen	14.50	10.21	230	5.50	54%	YES	
2737	004	Hses West	uTypeC1_B2	11.62	7.85	230	4.73	60%	YES	
799	093	Hses East	Bedroom	12.89	8.87	230	8.62	97%	YES	
5369	137	Hses East	Bedroom	12.89	8.87	230	8.62	97%	YES	
9561	137	Hses East	Bedroom	8.02	4.85	230	4.76	98%	YES	
1a	a207	Apt Blocks ABC	tchen - Dining - Living	22.40	17.01	230	9.85	58%	YES	
816	a233	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	230	15.54	63%	YES	
745	a324	Apt Blocks HIJK	Bedroom	12.01	8.12	230	7.60	94%	YES	
1750	a324	Hses West	uTypeC1_B3	11.53	7.77	231	4.77	61%	YES	
10762	a324	Hses East	Bedroom	14.28	9.10	231	9.10	100%	YES	
8962	a324	Hses East	Bedroom	14.28	9.10	231	9.10	100%	YES	
956	a324	Hses West	Bedroom	11.88	8.09	231	7.63	94%	YES	
819	a237	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	231	15.45	62%	YES	
a245*	a245	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	231	15.45	62%	YES	
758	a245	Apt Blocks Z B2 A2	tchen - Dining - Living	22.40	17.01	231	9.94	58%	YES	
847	042	Hses West	Bedroom	8.76	5.39	232	5.39	100%	YES	

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846	042	Hses West	Bedroom	11.88	8.09	232	7.54	93%	YES	
8162	042	Hses East	Bedroom	14.28	9.10	232	9.10	100%	YES	
816	042	Hses West	Bedroom	11.88	8.09	232	7.54	93%	YES	
794	a257	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	232	14.37	58%	YES	
1190	099	Hses East	Bedroom	12.89	8.87	233	8.62	97%	YES	
1588	105	Hses East	Bedroom	12.89	8.87	233	8.62	97%	YES	
3567	105	Hses East	Bedroom	8.91	5.43	233	5.43	100%	YES	
4374	125	Hses East	Bedroom	12.89	8.87	233	8.62	97%	YES	
4971	131	Hses East	Bedroom	12.89	8.87	233	8.62	97%	YES	
11829	131	Hses West	Bedroom	8.91	5.43	233	5.43	100%	YES	
886	131	Hses West	Bedroom	11.88	8.09	233	7.63	94%	YES	
777	a236	Apt Blocks ABC	Bedroom	12.01	8.12	233	7.77	96%	YES	
887	056	Hses West	Bedroom	8.76	5.39	234	5.39	100%	YES	
10162	056	Hses East	Bedroom	14.28	9.10	234	9.10	100%	YES	
1551	056	Hses West	uTypeC1_B3	11.53	7.77	235	4.77	61%	YES	
1986	111	Hses East	Bedroom	12.89	8.87	235	8.62	97%	YES	
1080	122.515	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	235	7.06	58%	YES	
9762	UNWN	Hses East	Bedroom	14.28	9.10	235	9.10	100%	YES	
5962	UNWN	Hses East	Bedroom	14.28	9.10	235	9.10	100%	YES	
742	UNWN	Apt Blocks HIJK	Bedroom	12.01	8.12	235	7.86	97%	YES	
uTyp3A-B1	a477	Apt Blocks Z B2 A2	Bedroom	12.00	8.14	235	7.88	97%	YES	
3334	a477	Hses West	uTypeC1_B2	11.62	7.85	236	4.82	61%	YES	
10200	a477	Hses West	Bedroom	11.50	7.75	236	7.75	100%	YES	
10562	a477	Hses East	Bedroom	14.28	9.10	236	9.10	100%	YES	
881	a477	Hses West	Bedroom	11.88	8.09	236	7.82	97%	YES	
776	a259	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	236	14.73	60%	YES	
746	a259	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	236	10.12	59%	YES	
842	045	Hses West	Bedroom	8.76	5.39	237	5.39	100%	YES	
807	052	Hses West	Bedroom	8.76	5.39	237	5.39	100%	YES	
896	052	Hses West	Bedroom	11.89	8.09	237	7.82	97%	YES	
11024	052	Hses West	Bedroom	11.50	7.75	237	7.75	100%	YES	
5762	052	Hses East	Bedroom	14.28	9.10	237	9.10	100%	YES	
751	a242	Apt Blocks ABC	Bedroom	12.01	8.12	237	7.86	97%	YES	
748	a242	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	237	10.20	60%	YES	
2744	a242	Hses West	uTypeC1_B4	8.51	5.12	238	2.96	58%	YES	
11562	a242	Hses East	Bedroom	14.28	9.10	238	9.10	100%	YES	
2538	a242	Hses West	uTypeC1_B2	11.62	7.85	239	4.82	61%	YES	
3931	a242	Hses West	uTypeC1_B2	11.62	7.85	239	4.91	63%	YES	
897	063	Hses West	Bedroom	8.76	5.39	239	5.39	100%	YES	
10612	063	Hses West	Bedroom	11.50	7.75	239	7.75	100%	YES	
2384	123	Hses East	Bedroom	12.89	8.87	239	8.62	97%	YES	
946	123	Hses West	Bedroom	11.88	8.09	239	7.82	97%	YES	
757	a246	Apt Blocks ABC	Bedroom	12.01	8.12	239	7.86	97%	YES	
11436	a246	Hses West	Bedroom	11.50	7.75	240	7.75	100%	YES	
10962	a246	Hses East	Bedroom	14.28	9.10	240	9.10	100%	YES	
937	182	Hses West	Bedroom	8.76	5.39	240	5.39	100%	YES	
950	182	Apt Blocks HIJK	Bedroom	12.18	7.90	240	7.62	97%	YES	
1742	182	Hses West	uTypeC1_B2	11.62	7.85	241	4.99	64%	YES	
3737	058	Hses West	Bedroom	12.83	8.82	241	8.57	97%	YES	
906	058	Hses West	Bedroom	11.88	8.09	241	7.82	97%	YES	
11362	058	Hses East	Bedroom	14.28	9.10	241	9.10	100%	YES	
7361	058	Hses East	Bedroom	8.02	4.85	241	4.37	90%	YES	
6561	058	Hses East	Bedroom	8.02	4.85	241	4.37	90%	YES	
916	058	Hses West	Bedroom	11.88	8.09	242	7.82	97%	YES	
941	058	Hses West	Bedroom	11.88	8.09	242	7.72	95%	YES	
2148	058	Hses West	uTypeC1_B3	11.53	7.77	243	5.12	66%	YES	
772	098	Hses East	Bedroom	8.76	5.39	243	5.39	100%	YES	
951	098	Hses West	Bedroom	11.88	8.09	243	7.72	95%	YES	
882	187	Hses West	Bedroom	8.76	5.39	243	5.30	98%	YES	
750	187	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	243	10.29	61%	YES	
931	187	Hses West	Bedroom	11.88	8.09	244	7.72	95%	YES	
991	094	Hses East	Bedroom	12.89	8.87	244	8.62	97%	YES	
1074	122.509	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	244	7.58	62%	YES	
940	a350	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	244	7.75	64%	YES	

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752	a350	Apt Blocks Z B2 A2	tchen - Dining - Living	22.40	17.01	244	10.38	61%	YES	
7712	002	Hses West	Kitchen	14.50	10.21	245	6.02	59%	YES	
876	002	Hses West	Bedroom	11.88	8.09	245	7.72	95%	YES	
748	002	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	245	10.47	62%	YES	
926	002	Hses West	Bedroom	11.88	8.09	246	7.82	97%	YES	
1787	106	Hses East	Bedroom	12.89	8.87	247	8.62	97%	YES	
2185	112	Hses East	Bedroom	12.89	8.87	247	8.62	97%	YES	
4363	112	Hses East	Bedroom	8.91	5.43	247	5.43	100%	YES	
4369	112	Hses East	Bedroom	11.50	7.75	247	7.75	100%	YES	
2583	124	Hses East	Bedroom	12.89	8.87	247	8.62	97%	YES	
773	a255	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	247	15.98	65%	YES	
932	007	Hses West	Bedroom	8.76	5.39	248	5.39	100%	YES	
4585	010	Hses West	Kitchen - Dining	22.70	17.18	248	12.76	74%	YES	
1948	010	Hses West	uTypeC1_B4	8.51	5.12	248	3.05	60%	YES	
1389	100	Hses East	Bedroom	12.89	8.87	248	8.62	97%	YES	
777	104	Hses East	Bedroom	8.76	5.39	248	5.39	100%	YES	
877	185	Hses West	Bedroom	8.76	5.39	248	5.39	100%	YES	
832	023	Hses West	Bedroom	8.76	5.39	249	5.39	100%	YES	
4573	126	Hses East	Bedroom	12.89	8.87	249	8.62	97%	YES	
4772	132	Hses East	Bedroom	12.89	8.87	249	8.62	97%	YES	
5170	138	Hses East	Bedroom	12.89	8.87	249	8.62	97%	YES	
789	a212	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	249	17.41	70%	YES	
795	a243	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	249	18.66	75%	YES	
1a	a330	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	249	10.74	63%	YES	
1749	a330	Hses West	uTypeC1_B4	8.51	5.12	250	3.14	61%	YES	
3573	a330	Hses East	Bedroom	11.50	7.75	250	7.75	100%	YES	
866	a330	Hses West	Bedroom	11.88	8.09	250	7.82	97%	YES	
798	a239	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	250	18.66	75%	YES	
2147	a239	Hses West	uTypeC1_B4	8.51	5.12	251	3.23	63%	YES	
851	a239	Hses West	Bedroom	11.89	8.09	251	7.82	97%	YES	
9992	a239	Hses West	Bedroom	8.82	5.35	251	5.35	100%	YES	
801	a235	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	251	19.02	77%	YES	
797	a253	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	251	15.80	64%	YES	
1949	a253	Hses West	uTypeC1_B3	11.53	7.77	252	5.30	68%	YES	
4983	048	Hses West	Kitchen - Dining	24.55	18.85	252	14.05	75%	YES	
811	048	Hses West	Bedroom	11.88	8.09	252	7.82	97%	YES	
775	a240	Apt Blocks ABC	Bedroom	12.01	8.12	252	7.86	97%	YES	
4784	009	Hses West	Kitchen - Dining	22.70	17.18	253	13.36	78%	YES	
3533	009	Hses West	uTypeC1_B2	11.62	7.85	253	4.99	64%	YES	
3341	009	Hses West	uTypeC1_B4	8.51	5.12	253	3.32	65%	YES	
10404	009	Hses West	Bedroom	8.82	5.35	253	5.35	100%	YES	
907	069	Hses West	Bedroom	8.76	5.39	253	5.39	100%	YES	
10816	069	Hses West	Bedroom	8.82	5.35	253	5.35	100%	YES	
871	069	Hses West	Bedroom	11.88	8.09	253	7.82	97%	YES	
822	a241	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	253	18.84	76%	YES	
804	a247	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	253	19.02	77%	YES	
uTyp2A-KDL	a251	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	253	17.23	70%	YES	
917	077	Hses West	Bedroom	8.76	5.39	254	5.39	100%	YES	
872	077	Apt Blocks HIJK	Bedroom	12.18	7.90	254	7.90	100%	YES	
921	077	Hses West	Bedroom	11.88	8.09	255	7.82	97%	YES	
3766	077	Hses East	Bedroom	8.91	5.43	255	5.43	100%	YES	
792	136	Hses East	Bedroom	8.76	5.39	255	5.39	100%	YES	
10361	136	Hses East	Bedroom	8.02	4.85	255	4.47	92%	YES	
9961	136	Hses East	Bedroom	8.02	4.85	255	4.85	100%	YES	
812	190	Hses West	Bedroom	8.76	5.39	255	5.39	100%	YES	
744	190	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	255	11.01	65%	YES	
1941	190	Hses West	uTypeC1_B2	11.62	7.85	256	5.17	66%	YES	
901	190	Hses West	Bedroom	11.89	8.09	256	7.82	97%	YES	
11228	190	Hses West	Bedroom	8.82	5.35	256	5.35	100%	YES	
787	130	Hses East	Bedroom	8.76	5.39	256	5.39	100%	YES	
952	173	Hses West	Bedroom	8.76	5.39	256	5.39	100%	YES	
1550	173	Hses West	uTypeC1_B4	8.51	5.12	257	3.05	60%	YES	
942	183	Hses West	Bedroom	8.76	5.39	257	5.39	100%	YES	
uTyp2A-KDL	a208	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	257	17.59	71%	YES	

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a339^	a208	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	257	11.01	65%	YES	
2943	a208	Hses West	uTypeC1_B4	8.51	5.12	258	3.23	63%	YES	
6761	a208	Hses East	Bedroom	8.02	4.85	258	4.85	100%	YES	
817	188	Hses West	Bedroom	8.76	5.39	258	5.39	100%	YES	
755	a334	Apt Blocks HIJK	Bedroom	12.00	8.12	258	8.03	99%	YES	
9994	a334	Hses West	Bedroom	11.50	7.75	259	7.75	100%	YES	
861	a334	Hses West	Bedroom	11.88	8.09	260	7.82	97%	YES	
3142	a334	Hses West	uTypeC1_B4	8.51	5.12	261	3.32	65%	YES	
8161	a334	Hses East	Bedroom	8.02	4.85	261	4.56	94%	YES	
890	a334	Apt Blocks HIJK	Bedroom	12.18	7.90	261	7.62	97%	YES	
836	a334	Apt Blocks HIJK	Bedroom	12.00	8.14	261	7.96	98%	YES	
3540	a334	Hses West	uTypeC1_B4	8.51	5.12	262	3.05	60%	YES	
911	a334	Hses West	Bedroom	11.88	8.09	262	7.82	97%	YES	
11361	a334	Hses East	Bedroom	8.02	4.85	262	4.85	100%	YES	
926	a334	Apt Blocks HIJK	Bedroom	12.18	7.90	262	7.62	97%	YES	
2140	a334	Hses West	uTypeC1_B2	11.62	7.85	263	5.44	69%	YES	
927	087	Hses West	Bedroom	8.76	5.39	263	5.39	100%	YES	
9167	149	Hses East	Bedroom	11.09	7.36	263	7.17	97%	YES	
792	a204	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	263	18.12	73%	YES	
uTyp4A-B1	a310	Apt Blocks HIJK	Bedroom	12.18	7.90	263	7.59	96%	YES	
960	015	Hses West	uTypeC1_B4	8.51	5.12	264	3.14	61%	YES	
807	a202	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	264	19.02	77%	YES	
791	a202	Apt Blocks HIJK	Bedroom	12.00	8.14	264	7.96	98%	YES	
11230	a202	Hses West	Bedroom	11.50	7.75	265	7.75	100%	YES	
827	a202	Apt Blocks HIJK	Bedroom	12.00	8.14	265	7.96	98%	YES	
833	a202	Apt Blocks HIJK	Bedroom	11.94	8.08	265	7.91	98%	YES	
872	198	Hses West	Bedroom	8.76	5.39	266	5.39	100%	YES	
828	198	Apt Blocks L to Y	Bedroom	12.00	8.14	266	8.05	99%	YES	
10818	198	Hses West	Bedroom	11.50	7.75	267	7.75	100%	YES	
802	020	Hses West	Bedroom	8.76	5.39	268	5.39	100%	YES	
837	026	Hses West	Bedroom	8.76	5.39	268	5.39	100%	YES	
3965	026	Hses East	Bedroom	8.91	5.43	268	5.43	100%	YES	
9761	026	Hses East	Bedroom	8.02	4.85	268	4.66	96%	YES	
7561	026	Hses East	Bedroom	8.02	4.85	268	4.85	100%	YES	
773	a244	Apt Blocks ABC	Bedroom	12.01	8.12	268	8.03	99%	YES	
834	a244	Apt Blocks L to Y	Bedroom	12.00	8.14	268	8.05	99%	YES	
10561	a244	Hses East	Bedroom	8.02	4.85	269	4.66	96%	YES	
803	a244	Apt Blocks HIJK	Bedroom	12.00	8.14	269	8.05	99%	YES	
827	017	Hses West	Bedroom	8.76	5.39	270	5.39	100%	YES	
1351	017	Hses West	uTypeC1_B4	8.51	5.12	270	3.41	67%	YES	
856	017	Hses West	Bedroom	11.88	8.09	270	7.91	98%	YES	
852	038	Hses West	Bedroom	8.76	5.39	270	5.39	100%	YES	
11630	038	Hses West	Bedroom	8.91	5.43	270	5.43	100%	YES	
806	038	Apt Blocks HIJK	Bedroom	12.00	8.14	270	8.05	99%	YES	
760	038	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	270	11.91	70%	YES	
892	060	Hses West	Bedroom	8.76	5.39	271	5.39	100%	YES	
809	060	Apt Blocks HIJK	Bedroom	12.00	8.14	271	8.05	99%	YES	
1a	a474	Apt Blocks Z B2 A2	tchen - Dining - Living	22.40	17.01	271	11.73	69%	YES	
10406	a474	Hses West	Bedroom	11.50	7.75	272	7.75	100%	YES	
8561	a474	Hses East	Bedroom	8.02	4.85	272	4.85	100%	YES	
920	a474	Apt Blocks HIJK	Bedroom	12.18	7.90	272	7.59	96%	YES	
757	a340	Apt Blocks HIJK	Bedroom	12.01	8.12	272	8.03	99%	YES	
5716	a340	Hses West	Bedroom	9.97	6.14	273	5.77	94%	YES	
912	072	Hses West	Bedroom	8.76	5.39	273	5.39	100%	YES	
922	080	Hses West	Bedroom	8.76	5.39	273	5.39	100%	YES	
3938	080	Hses West	uTypeC1_B4	8.51	5.12	273	3.14	61%	YES	
814	080	Hses West	Living Room	16.64	11.86	273	10.67	90%	YES	
934	080	Hses West	Living Room	16.64	11.86	274	10.76	91%	YES	
6361	080	Hses East	Bedroom	8.02	4.85	274	4.56	94%	YES	
857	191	Hses West	Bedroom	8.76	5.39	274	5.39	100%	YES	
762	191	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	274	11.91	70%	YES	
830	191	Apt Blocks HIJK	Bedroom	11.94	8.08	274	7.99	99%	YES	
899	191	Hses West	Living Room	16.64	11.86	275	10.42	88%	YES	
782	a271	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	275	21.52	87%	YES	

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Room Ref	Unit no	Group	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Meets Criteria	Marginal
788	a271	Apt Blocks HIJK	Bedroom	12.00	8.14	275	8.05	99%	YES	
815	a271	Apt Blocks HIJK	Bedroom	12.00	8.14	275	8.05	99%	YES	
748	a271	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	275	12.44	73%	YES	
2545	a271	Hses West	uTypeC1_B4	8.51	5.12	276	3.50	68%	YES	
9787	a271	Hses West	Bedroom	8.82	5.35	276	5.35	100%	YES	
2970	a271	Hses East	Bedroom	8.91	5.43	276	5.43	100%	YES	
821	a271	Apt Blocks HIJK	Bedroom	12.00	8.14	276	8.05	99%	YES	
800	a271	Apt Blocks HIJK	Bedroom	12.00	8.14	276	8.05	99%	YES	
756	a271	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	276	12.35	73%	YES	
938	a271	Apt Blocks HIJK	Bedroom	12.18	7.90	276	7.81	99%	YES	
946	a348	Apt Blocks HIJK	Kitchen - Dining	16.81	12.19	276	8.79	72%	YES	
2346	a348	Hses West	uTypeC1_B4	8.51	5.12	277	3.41	67%	YES	
2339	a348	Hses West	uTypeC1_B2	11.62	7.85	277	5.44	69%	YES	
11434	a348	Hses West	Bedroom	8.82	5.35	278	5.35	100%	YES	
3169	a348	Hses East	Bedroom	8.91	5.43	278	5.43	100%	YES	
867	195	Hses West	Bedroom	8.76	5.39	278	5.39	100%	YES	
uTyp2A-B1	a293	Apt Blocks HIJK	Bedroom	12.00	8.14	278	8.05	99%	YES	
779	a293	Apt Blocks HIJK	Bedroom	12.00	8.14	278	8.05	99%	YES	
812	a293	Apt Blocks HIJK	Bedroom	12.00	8.14	278	8.05	99%	YES	
5182	049	Hses West	Kitchen - Dining	24.55	18.85	279	15.36	81%	YES	
5517	049	Hses West	Bedroom	9.97	6.14	279	5.58	91%	YES	
7967	155	Hses East	Bedroom	11.09	7.36	279	7.27	99%	YES	
782	155	Apt Blocks HIJK	Bedroom	12.00	8.14	279	7.96	98%	YES	
934	a300	Apt Blocks HIJK	Kitchen - Dining	16.82	12.20	279	8.80	72%	YES	
785	a300	Apt Blocks HIJK	Bedroom	12.00	8.14	279	8.05	99%	YES	
754	a300	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	279	12.08	71%	YES	
831	a300	Apt Blocks L to Y	Bedroom	12.00	8.14	279	8.05	99%	YES	
891	a300	Hses West	Bedroom	11.88	8.09	280	7.91	98%	YES	
11022	a300	Hses West	Bedroom	8.82	5.35	280	5.35	100%	YES	
788	286	Hses West	Bedroom	8.40	5.15	280	5.15	100%	YES	
822	014	Hses West	Bedroom	8.76	5.39	281	5.39	100%	YES	
1152	014	Hses West	uTypeC1_B4	8.51	5.12	281	3.23	63%	YES	
947	184	Hses West	Bedroom	8.76	5.39	281	5.39	100%	YES	
859	184	Hses West	Living Room	16.64	11.86	281	10.84	91%	YES	
5580	050	Hses West	Kitchen - Dining	24.55	18.85	282	15.53	82%	YES	
782	110	Hses East	Bedroom	8.76	5.39	282	5.39	100%	YES	
914	110	Apt Blocks HIJK	Bedroom	12.18	7.90	282	7.81	99%	YES	
884	110	Apt Blocks HIJK	Bedroom	12.18	7.90	282	7.72	98%	YES	
866	110	Apt Blocks HIJK	Bedroom	12.18	7.90	282	7.90	100%	YES	
761	a331	Apt Blocks HIJK	Bedroom	12.00	8.12	282	8.03	99%	YES	
822	a331	Apt Blocks L to Y	Bedroom	12.00	8.14	282	8.05	99%	YES	
10367	143	Hses East	Bedroom	11.09	7.36	283	7.36	100%	YES	
8761	143	Hses East	Bedroom	8.02	4.85	283	4.66	96%	YES	
810	143	Apt Blocks L to Y	Bedroom	12.00	8.14	283	8.05	99%	YES	
824	143	Apt Blocks HIJK	Bedroom	12.00	8.14	284	8.05	99%	YES	
878	143	Apt Blocks HIJK	Bedroom	12.18	7.90	284	7.80	99%	YES	
a338>	143	Apt Blocks HIJK	Bedroom	11.64	7.84	284	7.75	99%	YES	
uTyp3A-B1	a360	Apt Blocks L to Y	Bedroom	12.00	8.14	284	8.05	99%	YES	
807	a360	Apt Blocks L to Y	Bedroom	12.00	8.14	284	8.05	99%	YES	
825	a360	Apt Blocks L to Y	Bedroom	12.00	8.14	284	8.05	99%	YES	
840	a360	Apt Blocks L to Y	Bedroom	12.00	8.14	284	8.14	100%	YES	
10761	a360	Hses East	Bedroom	8.02	4.85	285	4.85	100%	YES	
904	a298	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	285	9.15	75%	YES	
819	a298	Apt Blocks L to Y	Bedroom	12.00	8.14	285	8.05	99%	YES	
4187	046	Hses West	Kitchen - Dining	22.62	17.11	286	14.61	85%	YES	
10610	046	Hses West	Bedroom	8.82	5.35	286	5.35	100%	YES	
9567	147	Hses East	Bedroom	11.09	7.36	286	7.27	99%	YES	
6161	147	Hses East	Bedroom	8.02	4.85	286	4.85	100%	YES	
908	147	Apt Blocks HIJK	Bedroom	12.18	7.90	286	7.90	100%	YES	
922	a294	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	286	9.49	78%	YES	
758	a294	Apt Blocks HIJK	tchen - Dining - Living	22.39	17.00	286	12.44	73%	YES	
813	a294	Apt Blocks L to Y	Bedroom	12.00	8.14	286	8.05	99%	YES	
837	a294	Apt Blocks L to Y	Bedroom	12.00	8.14	286	8.05	99%	YES	
902	066	Hses West	Bedroom	8.76	5.39	287	5.39	100%	YES	

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8361	066	Hses East	Bedroom	8.02	4.85	287	4.85	100%	YES	
7761	066	Hses East	Bedroom	8.02	4.85	287	4.85	100%	YES	
7167	159	Hses East	Bedroom	11.09	7.36	287	7.17	97%	YES	
939	159	Hses West	Living Room	16.64	11.86	287	10.93	92%	YES	
932	159	Apt Blocks HIJK	Bedroom	12.18	7.90	287	7.81	99%	YES	
849	159	Hses West	Living Room	16.64	11.86	288	11.01	93%	YES	
8567	154	Hses East	Bedroom	11.09	7.36	288	6.88	94%	YES	
794	154	Apt Blocks HIJK	Bedroom	12.00	8.14	288	8.05	99%	YES	
843	154	Apt Blocks L to Y	Bedroom	12.00	8.14	288	8.14	100%	YES	
858	154	Apt Blocks L to Y	Bedroom	12.00	8.14	288	8.14	100%	YES	
10161	154	Hses East	Bedroom	8.02	4.85	289	4.85	100%	YES	
7961	154	Hses East	Bedroom	8.02	4.85	289	4.76	98%	YES	
6767	161	Hses East	Bedroom	11.09	7.36	289	7.27	99%	YES	
944	161	Apt Blocks HIJK	Bedroom	12.18	7.90	289	7.90	100%	YES	
754	161	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	289	12.71	75%	YES	
8967	152	Hses East	Bedroom	11.09	7.36	290	6.98	95%	YES	
896	152	Apt Blocks HIJK	Bedroom	12.18	7.90	290	7.90	100%	YES	
874	a318	Apt Blocks HIJK	Kitchen - Dining	16.82	12.20	290	9.58	79%	YES	
769	a318	Hses East	Living Room	16.64	11.86	291	11.27	95%	YES	
763	a337	Apt Blocks HIJK	Bedroom	12.01	8.12	291	8.03	99%	YES	
844	a337	Hses West	Living Room	16.64	11.86	292	11.44	96%	YES	
862	194	Hses West	Bedroom	8.76	5.39	292	5.39	100%	YES	
928	a296	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	292	9.49	78%	YES	
952	a346	Apt Blocks HIJK	Kitchen - Dining	16.81	12.19	292	9.58	79%	YES	
83	a346	Hses West	Bedroom	8.40	5.15	293	5.15	100%	YES	
10167	146	Hses East	Bedroom	11.09	7.36	293	6.98	95%	YES	
855	146	Apt Blocks L to Y	Bedroom	12.00	8.14	293	8.14	100%	YES	
889	146	Hses West	Living Room	16.64	11.86	294	11.35	96%	YES	
10198	146	Hses West	Bedroom	8.82	5.35	294	5.35	100%	YES	
902	146	Apt Blocks HIJK	Bedroom	12.18	7.90	294	7.90	100%	YES	
909	146	Hses West	Living Room	16.64	11.86	295	10.93	92%	YES	
83	146	Hses East	Bedroom	8.40	5.15	295	5.15	100%	YES	
916	a292	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	295	9.58	79%	YES	
797	a292	Apt Blocks HIJK	Bedroom	11.64	7.84	295	7.67	98%	YES	
884	a292	Hses West	Living Room	16.64	11.86	296	10.67	90%	YES	
816	a292	Apt Blocks L to Y	Bedroom	12.00	8.14	296	8.14	100%	YES	
852	a292	Apt Blocks L to Y	Bedroom	12.00	8.14	296	8.14	100%	YES	
818	a292	Apt Blocks HIJK	Bedroom	12.00	8.14	297	8.05	99%	YES	
753	a328	Apt Blocks HIJK	Bedroom	12.01	8.12	297	8.12	100%	YES	
958	a328	Apt Blocks HIJK	Living Room	21.11	15.68	297	15.14	97%	YES	
10767	141	Hses East	Bedroom	11.09	7.36	298	7.36	100%	YES	
756	141	Apt Blocks Z B2 A2tchen - Dining - Living		22.40	17.01	298	13.07	77%	YES	
1179	141	Hses East	Bedroom	8.91	5.43	299	5.43	100%	YES	
954	141	Hses West	Living Room	16.64	11.86	299	11.27	95%	YES	
864	141	Hses West	Living Room	16.64	11.86	299	10.93	92%	YES	
864	141	Apt Blocks L to Y	Bedroom	12.00	8.14	299	8.14	100%	YES	
1577	141	Hses East	Bedroom	8.91	5.43	300	5.43	100%	YES	
7367	160	Hses East	Bedroom	11.09	7.36	300	7.36	100%	YES	
819	160	Hses West	Living Room	16.64	11.86	300	11.27	95%	YES	
1975	160	Hses East	Bedroom	8.91	5.43	301	5.43	100%	YES	
2373	160	Hses East	Bedroom	8.91	5.43	301	5.43	100%	YES	
910	122.262	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	301	10.19	84%	YES	
5159	UNWN	Hses East	Bedroom	8.91	5.43	301	5.43	100%	YES	
uTyp4A-KD	a310	Apt Blocks HIJK	Kitchen - Dining	16.82	12.20	301	10.28	84%	YES	
759	a325	Apt Blocks HIJK	Bedroom	12.01	8.12	301	8.12	100%	YES	
849	a325	Apt Blocks L to Y	Bedroom	12.00	8.14	301	8.14	100%	YES	
861	a325	Apt Blocks L to Y	Bedroom	12.00	8.14	301	8.14	100%	YES	
854	a325	Hses West	Living Room	16.64	11.86	302	11.69	99%	YES	
2771	a325	Hses East	Bedroom	8.91	5.43	302	5.43	100%	YES	
4960	a325	Hses East	Bedroom	8.91	5.43	302	5.43	100%	YES	
5557	a325	Hses East	Bedroom	8.91	5.43	302	5.43	100%	YES	
5358	a325	Hses East	Bedroom	8.91	5.43	302	5.43	100%	YES	
874	a325	Hses West	Living Room	16.64	11.86	302	11.10	94%	YES	
839	a325	Hses West	Living Room	16.64	11.86	303	10.76	91%	YES	

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809	a325	Hses West	Living Room	16.64	11.86	303	11.61	98%	YES	
1378	a325	Hses East	Bedroom	8.91	5.43	304	5.43	100%	YES	
uTyp4B-L	a325	Apt Blocks HIJK	Living Room	21.11	15.68	304	15.14	97%	YES	
919	a325	Hses West	Living Room	16.64	11.86	305	11.35	96%	YES	
1776	a325	Hses East	Bedroom	8.91	5.43	305	5.43	100%	YES	
8367	153	Hses East	Bedroom	11.09	7.36	305	7.36	100%	YES	
7767	158	Hses East	Bedroom	11.09	7.36	305	7.17	97%	YES	
813	190	Hses West	Kitchen - Dining	17.52	12.66	305	10.99	87%	YES	
869	190	Hses West	Living Room	16.64	11.86	306	11.52	97%	YES	
846	190	Apt Blocks L to Y	Bedroom	12.00	8.14	306	8.14	100%	YES	
11161	190	Hses East	Bedroom	8.02	4.85	307	4.76	98%	YES	
800	a263	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	307	23.30	94%	YES	
886	a308	Apt Blocks HIJK	Kitchen - Dining	16.82	12.20	307	10.54	86%	YES	
933	007	Hses West	Kitchen - Dining	17.52	12.66	308	9.32	74%	YES	
4386	047	Hses West	Kitchen - Dining	22.62	17.11	308	16.16	94%	YES	
879	047	Hses West	Living Room	16.64	11.86	308	11.61	98%	YES	
764	047	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	308	13.96	82%	YES	
10961	047	Hses East	Bedroom	8.02	4.85	309	4.85	100%	YES	
892	a312	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	309	10.63	87%	YES	
898	a316	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	309	10.02	82%	YES	
870	a316	Apt Blocks L to Y	Bedroom	12.00	8.14	309	8.14	100%	YES	
2572	a316	Hses East	Bedroom	8.91	5.43	310	5.43	100%	YES	
806	a276	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	310	23.30	94%	YES	
771	a276	Hses East	Bedroom	11.88	8.09	311	8.00	99%	YES	
743	a276	Hses East	Bedroom	8.40	5.15	311	5.15	100%	YES	
4562	a276	Hses East	Bedroom	8.91	5.43	311	5.43	100%	YES	
834	a276	Hses West	Living Room	16.64	11.86	312	11.18	94%	YES	
791	a276	Hses East	Bedroom	11.88	8.09	313	8.00	99%	YES	
796	a276	Hses East	Bedroom	11.88	8.09	313	8.00	99%	YES	
876	a276	Apt Blocks L to Y	Bedroom	12.00	8.14	313	8.14	100%	YES	
776	a276	Hses East	Bedroom	11.88	8.09	314	8.00	99%	YES	
781	a276	Hses East	Bedroom	11.88	8.09	314	8.00	99%	YES	
803	a269	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	314	23.48	95%	YES	
873	a269	Apt Blocks L to Y	Bedroom	12.00	8.14	314	8.14	100%	YES	
7661	116	Hses West	Bedroom	12.59	8.47	314	8.47	100%	YES	
13041	a269	Hses West	Bedroom	7.00	4.09	315	4.09	100%	YES	
809	a280	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	315	23.57	95%	YES	
774	a280	Hses East	Living Room	16.64	11.86	316	11.86	100%	YES	
a284-	a284	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	316	23.57	95%	YES	
748	a284	Hses East	Bedroom	8.40	5.15	317	5.15	100%	YES	
1001	a284	Apt Blocks L to Y	Bedroom	7.14	4.09	317	4.09	100%	YES	
1049	a284	Apt Blocks L to Y	Bedroom	7.14	4.09	317	4.09	100%	YES	
944	a284	Hses West	Living Room	16.64	11.86	318	11.52	97%	YES	
779	a265	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	318	23.30	94%	YES	
1007	a265	Apt Blocks L to Y	Bedroom	7.14	4.09	318	4.09	100%	YES	
6310	a265	Hses West	Bedroom	12.59	8.47	319	8.47	100%	YES	
788	a282	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	319	23.57	95%	YES	
868	a314	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	319	10.89	89%	YES	
1013	a314	Apt Blocks L to Y	Bedroom	7.14	4.09	319	4.09	100%	YES	
867	a314	Apt Blocks L to Y	Bedroom	12.00	8.14	319	8.14	100%	YES	
5926	a314	Hses West	Bedroom	12.59	8.47	320	8.47	100%	YES	
6117	a314	Hses West	Bedroom	12.59	8.47	320	8.47	100%	YES	
758	a314	Hses East	Bedroom	8.40	5.15	320	5.15	100%	YES	
763	a314	Hses East	Bedroom	8.40	5.15	320	5.15	100%	YES	
949	a314	Hses West	Living Room	16.64	11.86	320	11.61	98%	YES	
880	a306	Apt Blocks HIJK	Kitchen - Dining	16.82	12.19	321	11.15	91%	YES	
1019	a306	Apt Blocks L to Y	Bedroom	7.14	4.09	321	4.09	100%	YES	
1037	a306	Apt Blocks L to Y	Bedroom	7.14	4.09	321	4.09	100%	YES	
753	a306	Hses East	Bedroom	8.40	5.15	322	5.15	100%	YES	
6567	164	Hses East	Bedroom	11.09	7.36	322	7.36	100%	YES	
785	a278	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	322	23.93	97%	YES	
1055	a278	Apt Blocks L to Y	Bedroom	7.14	4.09	322	4.09	100%	YES	
882	a278	Apt Blocks L to Y	Bedroom	12.00	8.14	322	8.14	100%	YES	
791	a286	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	323	23.93	97%	YES	

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995	a286	Apt Blocks L to Y	Bedroom	7.14	4.09	323	4.09	100%	YES	
1043	a286	Apt Blocks L to Y	Bedroom	7.14	4.09	323	4.09	100%	YES	
1067	a286	Apt Blocks L to Y	Bedroom	7.14	4.09	323	4.09	100%	YES	
779	a286	Hses East	Living Room	16.64	11.86	324	11.86	100%	YES	
8677	177	Hses West	Kitchen	14.50	10.21	324	9.60	94%	YES	
7854	177	Hses West	Bedroom	12.59	8.47	324	8.47	100%	YES	
783	177	Hses West	Bedroom	8.40	5.15	325	5.15	100%	YES	
983	177	Apt Blocks L to Y	Bedroom	7.14	4.09	325	4.09	100%	YES	
1031	177	Apt Blocks L to Y	Bedroom	7.14	4.09	325	4.09	100%	YES	
1103	177	Apt Blocks L to Y	Bedroom	7.14	4.09	325	4.09	100%	YES	
4721	177	Hses West	Bedroom	9.33	5.68	326	5.40	95%	YES	
829	177	Hses West	Living Room	16.64	11.86	326	11.01	93%	YES	
5119	177	Hses West	Bedroom	9.97	6.14	326	5.96	97%	YES	
11910	177	Hses East	Kitchen - Dining	15.66	10.63	326	8.02	75%	YES	
8870	178	Hses West	Kitchen	14.50	10.21	326	9.69	95%	YES	
9063	179	Hses West	Kitchen	14.50	10.21	326	9.69	95%	YES	
1079	179	Apt Blocks L to Y	Bedroom	7.14	4.09	326	4.09	100%	YES	
8047	9 Lev0	Hses West	Bedroom	12.59	8.47	327	8.47	100%	YES	
7326	086	Hses West	Kitchen	14.50	10.21	327	8.20	80%	YES	
1085	086	Apt Blocks L to Y	Bedroom	7.14	4.09	327	4.09	100%	YES	
1115	086	Apt Blocks L to Y	Bedroom	7.14	4.09	327	4.09	100%	YES	
8240	086	Hses West	Bedroom	12.59	8.47	328	8.47	100%	YES	
13443	086	Hses West	Bedroom	7.00	4.09	328	4.09	100%	YES	
4323	086	Hses West	Bedroom	9.30	5.66	328	5.57	98%	YES	
5967	165	Hses East	Bedroom	11.09	7.36	328	7.36	100%	YES	
a466>	165	Apt Blocks L to Y	Bedroom	12.00	8.14	328	8.14	100%	YES	
914	165	Hses West	Living Room	16.64	11.86	329	11.18	94%	YES	
977	165	Apt Blocks L to Y	Bedroom	7.14	4.09	329	4.09	100%	YES	
794	165	Hses East	Living Room	16.64	11.86	330	11.86	100%	YES	
2935	165	Hses West	uTypeC1_L	23.63	18.02	331	15.29	85%	YES	
4761	165	Hses East	Bedroom	8.91	5.43	331	5.43	100%	YES	
1091	165	Apt Blocks L to Y	Bedroom	7.14	4.09	331	4.09	100%	YES	
a465>	165	Apt Blocks L to Y	Bedroom	7.14	4.09	331	4.09	100%	YES	
8433	165	Hses West	Bedroom	12.59	8.47	332	8.47	100%	YES	
3739	165	Hses West	uTypeC1_B4	8.51	5.12	332	4.04	79%	YES	
1343	165	Hses West	uTypeC1_L	23.63	18.02	333	15.93	88%	YES	
786	165	Hses East	Bedroom	11.88	8.09	333	8.09	100%	YES	
789	165	Hses East	Living Room	16.64	11.86	333	11.86	100%	YES	
9256	180	Hses West	Kitchen	14.50	10.21	333	9.77	96%	YES	
879	180	Apt Blocks L to Y	Bedroom	12.00	8.14	333	8.14	100%	YES	
4920	180	Hses West	Bedroom	9.33	5.68	334	5.49	97%	YES	
11709	180	Hses East	Kitchen - Dining	15.66	10.63	334	8.16	77%	YES	
793	180	Hses West	Bedroom	8.40	5.15	334	5.15	100%	YES	
12036	180	Hses West	Bedroom	7.00	4.09	334	4.09	100%	YES	
1127	180	Apt Blocks L to Y	Bedroom	7.14	4.09	334	4.09	100%	YES	
12840	180	Hses West	Bedroom	7.00	4.09	335	4.09	100%	YES	
Lv	180	Hses West	uTypeC1_L	23.63	18.02	335	15.75	87%	YES	
3731	180	Hses West	uTypeC1_L	23.63	18.02	335	15.47	86%	YES	
804	180	Hses West	Living Room	16.64	11.86	335	11.27	95%	YES	
7519	085	Hses West	Kitchen	14.50	10.21	335	8.12	79%	YES	
9767	148	Hses East	Bedroom	11.09	7.36	335	7.36	100%	YES	
971	148	Apt Blocks L to Y	Bedroom	7.14	4.09	335	4.09	100%	YES	
1109	148	Apt Blocks L to Y	Bedroom	7.14	4.09	335	4.09	100%	YES	
4522	148	Hses West	Bedroom	9.30	5.66	336	5.57	98%	YES	
5318	148	Hses West	Bedroom	9.97	6.14	337	6.05	98%	YES	
6554	073	Hses West	Kitchen	14.50	10.21	337	9.60	94%	YES	
929	073	Hses West	Living Room	16.64	11.86	337	11.86	100%	YES	
746	073	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	337	13.43	79%	YES	
989	073	Apt Blocks L to Y	Bedroom	7.14	4.09	337	4.09	100%	YES	
894	073	Hses West	Living Room	16.64	11.86	338	11.44	96%	YES	
798	073	Hses West	Bedroom	8.40	5.15	338	5.15	100%	YES	
uTyp4A-B2	073	Apt Blocks L to Y	Bedroom	7.14	4.09	338	4.09	100%	YES	
6696	073	Hses West	Bedroom	12.59	8.47	339	8.47	100%	YES	
B4	073	Hses East	Bedroom	8.91	5.43	339	5.43	100%	YES	

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10967	142	Hses East	Bedroom	11.09	7.36	339	7.36	100%	YES	
3134	142	Hses West	uTypeC1_L	23.63	18.02	340	15.75	87%	YES	
752	142	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	340	13.87	82%	YES	
891	142	Apt Blocks HIJK	Bedroom	7.14	4.09	340	4.09	100%	YES	
951	142	Apt Blocks HIJK	Bedroom	7.13	4.08	340	4.08	100%	YES	
824	142	Hses West	Living Room	16.64	11.86	341	10.93	92%	YES	
9449	181	Hses West	Kitchen	14.50	10.21	341	9.95	97%	YES	
uTyp4A-B2	181	Apt Blocks HIJK	Bedroom	7.14	4.09	341	4.09	100%	YES	
1025	181	Apt Blocks L to Y	Bedroom	7.14	4.09	341	4.09	100%	YES	
1097	181	Apt Blocks L to Y	Bedroom	7.14	4.09	342	4.09	100%	YES	
12438	181	Hses West	Bedroom	7.00	4.09	343	4.09	100%	YES	
7275	181	Hses West	Bedroom	12.59	8.47	343	8.47	100%	YES	
2174	181	Hses East	Bedroom	8.91	5.43	343	5.43	100%	YES	
9205	181	Hses West	Bedroom	12.59	8.47	343	8.47	100%	YES	
13644	181	Hses West	Bedroom	7.00	4.09	344	4.09	100%	YES	
6940	081	Hses West	Kitchen	14.50	10.21	344	9.77	96%	YES	
12312	081	Hses East	Kitchen - Dining	15.66	10.63	344	9.23	87%	YES	
12714	081	Hses East	Kitchen - Dining	15.66	10.63	344	9.23	87%	YES	
13116	081	Hses East	Kitchen - Dining	15.66	10.63	344	9.23	87%	YES	
1073	081	Apt Blocks L to Y	Bedroom	7.14	4.09	344	4.09	100%	YES	
924	081	Hses West	Living Room	16.64	11.86	346	11.61	98%	YES	
11367	140	Hses East	Bedroom	11.09	7.36	346	7.27	99%	YES	
807	a311	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	346	23.75	96%	YES	
873	a311	Apt Blocks HIJK	Bedroom	7.14	4.09	346	4.09	100%	YES	
1061	a311	Apt Blocks L to Y	Bedroom	7.14	4.09	346	4.09	100%	YES	
748	a311	Hses West	Bedroom	8.40	5.15	347	5.15	100%	YES	
815	a260	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	347	21.61	87%	YES	
904	a260	Hses West	Living Room	16.64	11.86	348	11.69	99%	YES	
768	a260	Hses West	Bedroom	8.40	5.15	348	5.15	100%	YES	
4129	a260	Hses West	uTypeC1_L	23.63	18.02	349	15.29	85%	YES	
778	a260	Hses West	Bedroom	8.40	5.15	350	5.15	100%	YES	
7133	082	Hses West	Kitchen	14.50	10.21	350	9.86	97%	YES	
784	082	Hses East	Living Room	16.64	11.86	350	11.86	100%	YES	
831	a351	Apt Blocks HIJK	tchen - Dining - Living	31.63	24.59	350	23.88	97%	YES	
1542	a351	Hses West	uTypeC1_L	23.63	18.02	351	16.20	90%	YES	
927	a351	Apt Blocks HIJK	Bedroom	7.14	4.09	351	4.09	100%	YES	
810	a315	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	351	23.75	96%	YES	
13242	a315	Hses West	Bedroom	7.00	4.09	352	4.09	100%	YES	
9398	a315	Hses West	Bedroom	12.59	8.47	352	8.47	100%	YES	
6747	076	Hses West	Kitchen	14.50	10.21	353	9.34	91%	YES	
7468	076	Hses West	Bedroom	12.59	8.47	353	8.47	100%	YES	
12915	076	Hses East	Kitchen - Dining	15.66	10.63	353	9.44	89%	YES	
13317	076	Hses East	Kitchen - Dining	15.66	10.63	353	9.44	89%	YES	
5568	167	Hses East	Bedroom	11.09	7.36	353	7.36	100%	YES	
15051	167	Hses West	Bedroom	7.00	4.09	353	4.09	100%	YES	
12639	167	Hses West	Bedroom	7.00	4.09	353	4.09	100%	YES	
846	a224	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	353	19.57	88%	YES	
822	a299	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	353	23.75	96%	YES	
13719	a299	Hses East	Kitchen - Dining	15.66	10.63	354	9.44	89%	YES	
15252	a299	Hses West	Bedroom	7.00	4.09	354	4.09	100%	YES	
879	a299	Apt Blocks HIJK	Bedroom	7.13	4.08	354	4.08	100%	YES	
823	014	Hses West	Kitchen - Dining	17.52	12.66	355	12.66	100%	YES	
6167	166	Hses East	Bedroom	11.09	7.36	355	7.27	99%	YES	
9012	166	Hses West	Bedroom	12.59	8.47	355	8.47	100%	YES	
12111	166	Hses East	Kitchen - Dining	15.66	10.63	356	9.44	89%	YES	
12513	166	Hses East	Kitchen - Dining	15.66	10.63	356	9.44	89%	YES	
859	166	Apt Blocks ABC	tchen - Dining - Living	22.39	17.00	356	14.49	85%	YES	
2736	166	Hses West	uTypeC1_L	23.63	18.02	357	15.93	88%	YES	
8819	166	Hses West	Bedroom	12.59	8.47	358	8.47	100%	YES	
818	188	Hses West	Kitchen - Dining	17.52	12.66	358	11.96	94%	YES	
789	a317	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	358	24.02	97%	YES	
764	a317	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	359	15.03	88%	YES	
758	a317	Hses West	Bedroom	8.40	5.15	360	5.15	100%	YES	
834	a335	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	360	24.02	97%	YES	

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825	a347	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	361	24.11	97%	YES	
814	a210	Apt Blocks ABC	Bedroom	13.15	8.90	362	8.90	100%	YES	
852	a220	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	362	20.55	93%	YES	
819	a295	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	362	23.93	97%	YES	
804	a307	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	362	23.93	97%	YES	
813	a319	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	362	24.02	97%	YES	
937	a350	Apt Blocks HIJK	Bedroom	13.32	8.70	362	8.70	100%	YES	
8626	a350	Hses West	Bedroom	12.59	8.47	363	8.47	100%	YES	
14649	a350	Hses West	Bedroom	7.00	4.09	363	4.09	100%	YES	
14850	a350	Hses West	Bedroom	7.00	4.09	363	4.09	100%	YES	
871	a318	Apt Blocks HIJK	Bedroom	13.32	8.70	363	8.70	100%	YES	
838	026	Hses West	Kitchen - Dining	17.52	12.66	364	12.66	100%	YES	
13518	026	Hses East	Kitchen - Dining	15.66	10.63	364	9.23	87%	YES	
13920	026	Hses East	Kitchen - Dining	15.66	10.63	364	9.32	88%	YES	
uTyp2A-KDL	a293	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	364	24.02	97%	YES	
801	a332	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	364	24.11	97%	YES	
931	a300	Apt Blocks HIJK	Bedroom	13.32	8.70	365	8.70	100%	YES	
790	a212	Apt Blocks ABC	Bedroom	13.15	8.90	366	8.90	100%	YES	
7658	002	Hses West	Bedroom	14.05	9.71	367	9.71	100%	YES	
12237	002	Hses West	Bedroom	7.00	4.09	367	4.09	100%	YES	
901	a298	Apt Blocks HIJK	Bedroom	13.32	8.70	367	8.70	100%	YES	
943	a348	Apt Blocks HIJK	Bedroom	13.31	8.70	367	8.70	100%	YES	
772	a348	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	367	15.65	92%	YES	
15453	a348	Hses West	Bedroom	7.00	4.09	368	4.09	100%	YES	
784	a348	Apt Blocks ABC	tchen - Dining - Living	22.39	17.00	368	15.21	89%	YES	
919	a294	Apt Blocks HIJK	Bedroom	13.32	8.70	368	8.70	100%	YES	
780	a301	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	368	24.20	98%	YES	
7851	003	Hses West	Bedroom	14.05	9.71	369	9.71	100%	YES	
753	003	Hses West	Bedroom	8.40	5.15	369	5.15	100%	YES	
7567	157	Hses East	Bedroom	11.09	7.36	369	7.36	100%	YES	
816	a291	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	369	24.11	97%	YES	
777	a297	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	369	24.20	98%	YES	
766	a297	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	371	15.48	91%	YES	
925	a296	Apt Blocks HIJK	Bedroom	13.32	8.70	372	8.70	100%	YES	
883	a308	Apt Blocks HIJK	Bedroom	13.32	8.70	372	8.70	100%	YES	
uTyp4A-B3	a308	Apt Blocks HIJK	Bedroom	13.32	8.70	372	8.70	100%	YES	
889	a312	Apt Blocks HIJK	Bedroom	13.32	8.70	372	8.70	100%	YES	
843	109.167	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	373	21.79	98%	YES	
6367	163	Hses East	Bedroom	11.09	7.36	373	7.36	100%	YES	
913	a292	Apt Blocks HIJK	Bedroom	13.32	8.70	373	8.70	100%	YES	
828	017	Hses West	Kitchen - Dining	17.52	12.66	374	12.66	100%	YES	
3333	017	Hses West	uTypeC1_L	23.63	18.02	374	16.66	92%	YES	
5977	053	Hses West	Kitchen	14.50	10.21	374	9.60	94%	YES	
786	a313	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	374	24.20	98%	YES	
1010	015	Hses West	uTypeC1_KD	23.21	17.64	375	14.43	82%	YES	
907	a290	Apt Blocks HIJK	Bedroom	13.32	8.70	375	8.70	100%	YES	
792	a329	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	375	24.20	98%	YES	
8044	004	Hses West	Bedroom	14.05	9.71	376	9.71	100%	YES	
877	a306	Apt Blocks HIJK	Bedroom	13.31	8.70	376	8.70	100%	YES	
828	a349	Apt Blocks HIJK	tchen - Dining - Living	31.63	24.59	376	24.05	98%	YES	
795	a493	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	376	8.90	100%	YES	
803	020	Hses West	Kitchen - Dining	17.52	12.66	377	12.66	100%	YES	
uTyp2A-B2	020	Apt Blocks ABC	Bedroom	13.15	8.90	377	8.90	100%	YES	
840	a222	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	377	21.79	98%	YES	
921	a222	Apt Blocks HIJK	Bedroom	7.14	4.09	378	4.09	100%	YES	
783	a309	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	378	24.20	98%	YES	
895	a316	Apt Blocks HIJK	Bedroom	13.32	8.70	378	8.70	100%	YES	
811	a206	Apt Blocks ABC	Bedroom	13.15	8.90	379	8.90	100%	YES	
777	a259	Apt Blocks DEFG	Bedroom	13.15	8.90	379	8.90	100%	YES	
949	a346	Apt Blocks HIJK	Bedroom	13.31	8.70	379	8.70	100%	YES	
743	a346	Hses West	Bedroom	8.40	5.15	380	5.15	100%	YES	
9967	145	Hses East	Bedroom	11.09	7.36	380	7.36	100%	YES	
833	023	Hses West	Kitchen - Dining	17.52	12.66	382	12.66	100%	YES	
uTyp3A-KDL	109.155	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	382	21.97	99%	YES	

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883	187	Hses West	Kitchen - Dining	17.52	12.66	382	12.66	100%	YES	
8237	005	Hses West	Bedroom	14.05	9.71	384	9.71	100%	YES	
773	005	Hses West	Bedroom	8.40	5.15	384	5.15	100%	YES	
762	005	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	384	15.13	89%	YES	
957	005	Apt Blocks HIJK	Bedroom	7.14	4.09	384	4.09	100%	YES	
763	005	Hses West	Bedroom	8.40	5.15	385	5.15	100%	YES	
849	a218	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	385	21.88	99%	YES	
865	a314	Apt Blocks HIJK	Bedroom	13.32	8.70	385	8.70	100%	YES	
1600	033	Hses West	uTypeC1_KD	23.21	17.64	386	16.30	92%	YES	
953	173	Hses West	Kitchen - Dining	17.52	12.66	386	12.66	100%	YES	
793	a204	Apt Blocks ABC	Bedroom	13.15	8.90	386	8.90	100%	YES	
795	a257	Apt Blocks DEFG	Bedroom	13.15	8.90	386	8.90	100%	YES	
6503	a257	Hses West	Bedroom	12.59	8.47	387	8.47	100%	YES	
6889	a257	Hses West	Bedroom	12.59	8.47	387	8.47	100%	YES	
808	a202	Apt Blocks ABC	Bedroom	13.15	8.90	387	8.90	100%	YES	
7082	a202	Hses West	Bedroom	12.59	8.47	388	8.47	100%	YES	
798	a326	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	388	24.20	98%	YES	
8430	006	Hses West	Bedroom	14.05	9.71	389	9.71	100%	YES	
1741	006	Hses West	uTypeC1_L	23.63	18.02	389	16.57	92%	YES	
5761	006	Hses East	Bedroom	8.02	4.85	390	4.85	100%	YES	
878	185	Hses West	Kitchen - Dining	17.52	12.66	390	12.66	100%	YES	
873	198	Hses West	Kitchen - Dining	17.52	12.66	390	12.66	100%	YES	
14448	198	Hses West	Bedroom	7.00	4.09	391	4.09	100%	YES	
818	a249	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	391	23.30	94%	YES	
863	194	Hses West	Kitchen - Dining	17.52	12.66	392	12.66	100%	YES	
750	194	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	392	15.66	92%	YES	
948	184	Hses West	Kitchen - Dining	17.52	12.66	393	12.66	100%	YES	
795	a341	Apt Blocks HIJK	tchen - Dining - Living	30.94	23.96	393	23.60	99%	YES	
3532	a341	Hses West	uTypeC1_L	23.63	18.02	394	15.93	88%	YES	
868	195	Hses West	Kitchen - Dining	17.52	12.66	394	12.66	100%	YES	
12839	195	Hses West	Bedroom	6.69	3.58	395	3.58	100%	YES	
5961	195	Hses East	Bedroom	8.02	4.85	395	4.85	100%	YES	
766	195	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	395	16.20	95%	YES	
a338^	a338	Apt Blocks HIJK	tchen - Dining - Living	30.94	23.96	395	23.44	98%	YES	
885	a338	Apt Blocks HIJK	Bedroom	7.14	4.09	397	4.09	100%	YES	
1068	a427	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	397	11.85	97%	YES	
2794	021	Hses West	uTypeC1_KD	23.21	17.64	398	15.06	85%	YES	
2577	021	Hses East	Living Room	18.33	13.53	398	13.53	100%	YES	
3988	175	Hses West	uTypeC1_KD	23.21	17.64	398	16.22	92%	YES	
1032	a401	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	398	11.85	97%	YES	
6168	054	Hses West	Kitchen	14.50	10.21	399	10.12	99%	YES	
13040	054	Hses West	Bedroom	6.69	3.58	400	3.58	100%	YES	
6967	162	Hses East	Bedroom	11.09	7.36	400	7.27	99%	YES	
774	a255	Apt Blocks DEFG	Bedroom	13.15	8.90	400	8.90	100%	YES	
754	a255	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	400	16.20	95%	YES	
858	191	Hses West	Kitchen - Dining	17.52	12.66	401	12.66	100%	YES	
1202	029	Hses West	uTypeC1_KD	23.21	17.64	402	16.22	92%	YES	
843	045	Hses West	Kitchen - Dining	17.52	12.66	403	12.40	98%	YES	
8167	156	Hses East	Bedroom	11.09	7.36	403	7.36	100%	YES	
9989	059	Hses West	Kitchen - Dining	17.59	12.58	404	12.58	100%	YES	
770	059	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	404	16.37	96%	YES	
8767	151	Hses East	Bedroom	11.09	7.36	405	7.36	100%	YES	
938	182	Hses West	Kitchen - Dining	17.52	12.66	406	12.66	100%	YES	
768	182	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	406	16.20	95%	YES	
798	a253	Apt Blocks DEFG	Bedroom	13.15	8.90	407	8.90	100%	YES	
6361	055	Hses West	Kitchen	14.50	10.21	409	10.04	98%	YES	
10813	071	Hses West	Kitchen - Dining	17.59	12.58	409	12.58	100%	YES	
1026	a399	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	409	12.02	99%	YES	
14046	a399	Hses West	Bedroom	7.00	4.09	410	4.09	100%	YES	
897	a399	Apt Blocks HIJK	Bedroom	7.14	4.09	410	4.09	100%	YES	
3192	027	Hses West	uTypeC1_KD	23.21	17.64	411	17.28	98%	YES	
943	183	Hses West	Kitchen - Dining	17.52	12.66	411	12.66	100%	YES	
1092	a443	Apt Blocks L to Y	Kitchen - Dining	16.82	12.20	411	12.11	99%	YES	
uTyp4B-B2	a443	Apt Blocks HIJK	Bedroom	7.14	4.09	413	4.09	100%	YES	

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Room Ref	Unit no	Group	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Meets Criteria	Marginal
915	a443	Apt Blocks HIJK	Bedroom	7.14	4.09	413	4.09	100%	YES	
1086	a441	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	413	12.11	99%	YES	
2537	a441	Hses West	uTypeC1_L	23.63	18.02	414	16.75	93%	YES	
10401	065	Hses West	Kitchen - Dining	17.59	12.58	414	12.58	100%	YES	
1799	034	Hses West	uTypeC1_KD	23.21	17.64	415	16.66	94%	YES	
761	034	Hses East	Living Room	20.95	15.72	416	15.72	100%	YES	
786	034	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	416	16.74	98%	YES	
786	a483	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	416	8.90	100%	YES	
1998	040	Hses West	uTypeC1_KD	23.21	17.64	417	17.28	98%	YES	
768	040	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	417	16.73	98%	YES	
11225	079	Hses West	Kitchen - Dining	17.59	12.58	419	12.58	100%	YES	
1062	122.497	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	419	12.19	100%	YES	
86	UNWN	Hses West	Living Room	18.14	13.34	420	13.34	100%	YES	
817	UNWN	Apt Blocks DEFG	Bedroom	12.00	8.14	420	8.14	100%	YES	
796	UNWN	Hses West	Living Room	20.95	15.72	421	15.72	100%	YES	
834	a231	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	421	24.02	97%	YES	
3930	a231	Hses West	uTypeC1_L	23.63	18.02	422	17.57	97%	YES	
903	a231	Apt Blocks HIJK	Bedroom	7.14	4.09	422	4.09	100%	YES	
791	a231	Hses West	Living Room	20.95	15.72	423	15.63	99%	YES	
3391	028	Hses West	uTypeC1_KD	23.21	17.64	423	17.64	100%	YES	
746	028	Hses West	Living Room	20.95	15.72	423	15.72	100%	YES	
933	028	Apt Blocks HIJK	Bedroom	7.14	4.09	423	4.09	100%	YES	
uTyp2A-B2	028	Apt Blocks DEFG	Bedroom	13.15	8.90	424	8.90	100%	YES	
3232	118	Hses East	Kitchen - Dining	23.20	17.63	425	16.92	96%	YES	
766	118	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	425	16.65	98%	YES	
1401	030	Hses West	uTypeC1_KD	23.21	17.64	426	16.22	92%	YES	
14247	030	Hses West	Bedroom	7.00	4.09	426	4.09	100%	YES	
939	030	Apt Blocks HIJK	Bedroom	7.14	4.09	426	4.09	100%	YES	
768	030	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	427	16.74	98%	YES	
85	039	Hses West	Kitchen - Dining	17.59	12.58	429	12.58	100%	YES	
893	060	Hses West	Kitchen - Dining	17.52	12.66	430	12.66	100%	YES	
772	060	Apt Blocks HIJK	tchen - Dining - Living	22.39	17.00	430	16.91	99%	YES	
1038	a407	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	430	12.11	99%	YES	
1044	a409	Apt Blocks L to Y	Kitchen - Dining	16.82	12.20	430	11.93	98%	YES	
3590	016	Hses West	uTypeC1_KD	23.21	17.64	431	15.68	89%	YES	
4766	016	Hses East	Living Room	18.33	13.53	431	13.53	100%	YES	
768	016	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	431	16.83	99%	YES	
748	016	Apt Blocks L to Y	tchen - Dining - Living	22.39	17.00	431	16.19	95%	YES	
13442	016	Hses West	Bedroom	6.53	3.45	432	3.45	100%	YES	
770	016	Apt Blocks HIJK	tchen - Dining - Living	22.39	17.00	432	16.73	98%	YES	
814	a319	Apt Blocks HIJK	Bedroom	13.15	8.90	432	8.90	100%	YES	
766	a319	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	432	16.74	98%	YES	
1940	a319	Hses West	uTypeC1_L	23.63	18.02	434	17.29	96%	YES	
11167	139	Hses East	Bedroom	11.09	7.36	435	7.36	100%	YES	
11834	139	Hses West	Living Room	18.33	13.53	435	13.53	100%	YES	
784	a309	Apt Blocks HIJK	Bedroom	13.15	8.90	435	8.90	100%	YES	
760	a309	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	435	16.83	99%	YES	
842	a408	Apt Blocks L to Y	Bedroom	13.15	8.90	435	8.90	100%	YES	
776	a408	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	435	16.83	99%	YES	
L	a408	Hses West	Living Room	20.95	15.72	436	15.72	100%	YES	
2595	031	Hses West	uTypeC1_KD	23.21	17.64	436	17.55	99%	YES	
828	a200	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	436	24.02	97%	YES	
820	a295	Apt Blocks HIJK	Bedroom	13.15	8.90	436	8.90	100%	YES	
945	a295	Apt Blocks HIJK	Bedroom	7.13	4.08	436		100%	YES	
13643	a295	Hses West	Bedroom	6.69	3.58	437	3.58	100%	YES	
786	a295	Apt Blocks ABC	tchen - Dining - Living	22.39	17.00	437	16.46	97%	YES	
827	a394	Apt Blocks L to Y	Bedroom	13.15	8.90	437	8.90	100%	YES	
808	052	Hses West	Kitchen - Dining	17.52	12.66	438	12.31	97%	YES	
928	087	Hses West	Kitchen - Dining	17.52	12.66	438	12.66	100%	YES	
a285-	a285	Apt Blocks DEFG	tchen - Dining - Living	22.40	17.01	438	16.74	98%	YES	
836	a400	Apt Blocks L to Y	Bedroom	13.15	8.90	438	8.90	100%	YES	
774	a400	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	438	16.83	99%	YES	
791	a487	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	438	22.15	100%	YES	
15452	a487	Hses West	Bedroom	6.69	3.58	439	3.58	100%	YES	

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14849	a487	Hses West	Bedroom	6.69	3.58	439	3.58	100%	YES	
867	a487	Apt Blocks HIJK	Bedroom	7.14	4.09	439	4.09	100%	YES	
833	a402	Apt Blocks L to Y	Bedroom	13.15	8.90	439	8.90	100%	YES	
851	a428	Apt Blocks L to Y	Bedroom	13.15	8.81	439	8.81	100%	YES	
756	a428	Hses West	Living Room	20.95	15.72	440	15.72	100%	YES	
802	a332	Apt Blocks HIJK	Bedroom	13.15	8.90	440	8.90	100%	YES	
756	a332	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	440	16.92	99%	YES	
835	a400	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	440	22.06	100%	YES	
802	a400	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	440	16.92	99%	YES	
837	a248	Apt Blocks ABC tchen - Dining - Living		31.78	24.73	441	24.11	97%	YES	
808	a311	Apt Blocks HIJK	Bedroom	13.15	8.90	441	8.90	100%	YES	
788	a311	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	441	16.92	99%	YES	
796	a311	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	441	16.92	99%	YES	
881	a468	Apt Blocks L to Y	Bedroom	13.15	8.90	441	8.90	100%	YES	
2975	a468	Hses East	Living Room	18.33	13.53	442	13.53	100%	YES	
12035	a468	Hses West	Bedroom	6.69	3.58	442	3.58	100%	YES	
805	a307	Apt Blocks HIJK	Bedroom	13.15	8.90	442	8.90	100%	YES	
841	a408	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	442	22.06	100%	YES	
12437	a408	Hses West	Bedroom	6.69	3.58	443	3.58	100%	YES	
848	042	Hses West	Kitchen - Dining	17.52	12.66	443	12.66	100%	YES	
903	066	Hses West	Kitchen - Dining	17.52	12.66	443	12.66	100%	YES	
9367	150	Hses East	Bedroom	11.09	7.36	443	7.36	100%	YES	
782	150	Apt Blocks ABC tchen - Dining - Living		22.39	17.00	443	16.28	96%	YES	
830	a273	Apt Blocks DEFG tchen - Dining - Living		31.78	24.73	443	24.29	98%	YES	
824	a384	Apt Blocks L to Y	Bedroom	13.15	8.90	443	8.90	100%	YES	
845	a418	Apt Blocks L to Y	Bedroom	13.15	8.90	443	8.90	100%	YES	
6500	073	Hses West	Bedroom	14.05	9.71	444	9.71	100%	YES	
4028	121	Hses East	Kitchen - Dining	23.20	17.63	444	17.28	98%	YES	
799	a326	Apt Blocks HIJK	Bedroom	13.15	8.90	444	8.90	100%	YES	
839	a410	Apt Blocks L to Y	Bedroom	13.15	8.90	444	8.90	100%	YES	
13241	a410	Hses West	Bedroom	6.53	3.45	445	3.45	100%	YES	
7272	086	Hses West	Bedroom	14.05	9.71	445	9.71	100%	YES	
3771	086	Hses East	Living Room	18.33	13.53	445	13.53	100%	YES	
812	a358	Apt Blocks L to Y	Bedroom	13.15	8.90	445	8.90	100%	YES	
821	a386	Apt Blocks L to Y	Bedroom	13.15	8.90	445	8.90	100%	YES	
850	a428	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	445	22.06	100%	YES	
2993	022	Hses West	uTypeC1_KD	23.21	17.64	446	16.57	94%	YES	
1184	022	Hses East	Living Room	18.33	13.53	446	13.53	100%	YES	
11693	174	Hses West	Kitchen - Dining	23.20	17.63	446	15.50	88%	YES	
830	a392	Apt Blocks L to Y	Bedroom	13.15	8.90	446	8.90	100%	YES	
832	a402	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	446	22.06	100%	YES	
844	a418	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	446	22.06	100%	YES	
792	a418	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	446	16.92	99%	YES	
782	a485	Apt Blocks Z B2 A2tchen - Dining - Living		31.35	22.15	446	22.15	100%	YES	
2197	041	Hses West	uTypeC1_KD	23.21	17.64	447	17.37	98%	YES	
913	072	Hses West	Kitchen - Dining	17.52	12.66	447	12.66	100%	YES	
818	a376	Apt Blocks L to Y	Bedroom	13.15	8.90	447	8.90	100%	YES	
794	a376	Apt Blocks L to Y tchen - Dining - Living		22.40	17.01	447	16.83	99%	YES	
872	a450	Apt Blocks L to Y	Bedroom	13.15	8.90	447	8.90	100%	YES	
a466<	a466	Apt Blocks L to Y	Bedroom	13.15	8.90	447	8.90	100%	YES	
779	a499	Apt Blocks Z B2 A2tchen - Dining - Living		31.35	22.15	447	22.15	100%	YES	
6886	081	Hses West	Bedroom	14.05	9.71	448	9.71	100%	YES	
801	081	Hses West	Living Room	20.95	15.72	448	15.72	100%	YES	
826	081	Apt Blocks DEFG	Bedroom	12.00	8.14	448	8.14	100%	YES	
815	a368	Apt Blocks L to Y	Bedroom	13.15	8.90	448	8.90	100%	YES	
848	a416	Apt Blocks L to Y	Bedroom	13.15	8.90	448	8.90	100%	YES	
871	a450	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	448	22.06	100%	YES	
878	a458	Apt Blocks L to Y	Bedroom	13.15	8.90	448	8.90	100%	YES	
2179	a458	Hses East	Living Room	18.33	13.53	449	13.53	100%	YES	
823	a384	Apt Blocks L to Y tchen - Dining - Living		31.35	22.15	449	22.06	100%	YES	
863	a444	Apt Blocks L to Y	Bedroom	13.15	8.81	449	8.81	100%	YES	
7079	082	Hses West	Bedroom	14.05	9.71	450	9.71	100%	YES	
12236	082	Hses West	Bedroom	6.69	3.58	450	3.58	100%	YES	
823	a299	Apt Blocks HIJK	Bedroom	13.15	8.90	450	8.90	100%	YES	

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790	a317	Apt Blocks HIJK	Bedroom	13.15	8.90	450	8.90	100%	YES	
860	a434	Apt Blocks L to Y	Bedroom	13.15	8.90	450	8.90	100%	YES	
835	a335	Apt Blocks HIJK	Bedroom	13.15	8.90	451	8.90	100%	YES	
838	a410	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	451	22.06	100%	YES	
790	a410	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	451	16.92	99%	YES	
780	a499	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	451	8.90	100%	YES	
923	080	Hses West	Kitchen - Dining	17.52	12.66	452	12.66	100%	YES	
11431	088	Hses West	Kitchen - Dining	17.59	12.58	452	12.58	100%	YES	
809	a378	Apt Blocks L to Y	Bedroom	13.15	8.90	452	8.90	100%	YES	
794	a493	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	452	22.15	100%	YES	
776	a501	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	452	22.15	100%	YES	
7465	085	Hses West	Bedroom	14.05	9.71	453	9.71	100%	YES	
15251	085	Hses West	Bedroom	6.69	3.58	453	3.58	100%	YES	
9395	181	Hses West	Bedroom	14.05	9.71	453	9.71	100%	YES	
831	a214	Apt Blocks ABC	tchen - Dining - Living	31.78	24.73	453	24.11	97%	YES	
811	a315	Apt Blocks HIJK	Bedroom	13.15	8.90	453	8.90	100%	YES	
793	a329	Apt Blocks HIJK	Bedroom	13.15	8.90	453	8.90	100%	YES	
857	a436	Apt Blocks L to Y	Bedroom	13.15	8.81	453	8.81	100%	YES	
856	a436	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	453	22.06	100%	YES	
762	a436	Apt Blocks Z B2 A2	tchen - Dining - Living	22.39	17.00	453	17.00	100%	YES	
13845	a436	Hses West	Bedroom	7.00	4.09	454	4.09	100%	YES	
918	077	Hses West	Kitchen - Dining	17.52	12.66	454	12.66	100%	YES	
8816	178	Hses West	Bedroom	14.05	9.71	454	9.71	100%	YES	
9009	179	Hses West	Bedroom	14.05	9.71	454	9.71	100%	YES	
uTyp2A-B2	179	Apt Blocks HIJK	Bedroom	13.15	8.90	454	8.90	100%	YES	
781	a301	Apt Blocks HIJK	Bedroom	13.15	8.90	454	8.90	100%	YES	
787	a313	Apt Blocks HIJK	Bedroom	13.15	8.90	454	8.90	100%	YES	
854	a426	Apt Blocks L to Y	Bedroom	13.15	8.90	454	8.90	100%	YES	
875	a460	Apt Blocks L to Y	Bedroom	13.15	8.81	454	8.81	100%	YES	
9202	180	Hses West	Bedroom	14.05	9.71	455	9.71	100%	YES	
a491<	a 49	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	455	22.15	100%	YES	
827	a267	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	455	24.37	99%	YES	
817	a291	Apt Blocks HIJK	Bedroom	13.15	8.90	455	8.90	100%	YES	
826	a394	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	455	22.06	100%	YES	
866	a442	Apt Blocks L to Y	Bedroom	13.15	8.90	455	8.90	100%	YES	
785	a483	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	455	22.15	100%	YES	
783	a271	Apt Blocks DEFG	Bedroom	13.15	8.90	456	8.90	100%	YES	
uTyp3A-B2	a271	Apt Blocks L to Y	Bedroom	13.15	8.90	456	8.90	100%	YES	
820	a386	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	456	22.06	100%	YES	
880	a468	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	456	22.06	100%	YES	
8623	177	Hses West	Bedroom	14.05	9.71	457	9.71	100%	YES	
15050	177	Hses West	Bedroom	6.69	3.58	457	3.58	100%	YES	
796	a341	Apt Blocks HIJK	Bedroom	12.84	8.65	457	8.65	100%	YES	
811	a358	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	457	22.06	100%	YES	
829	a392	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	457	22.06	100%	YES	
784	a392	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	457	16.92	99%	YES	
859	a434	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	457	22.06	100%	YES	
773	a475	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	457	22.15	100%	YES	
756	a475	Hses East	Living Room	20.95	15.72	458	15.72	100%	YES	
766	a475	Hses East	Living Room	20.95	15.72	458	15.72	100%	YES	
14648	a475	Hses West	Bedroom	6.69	3.58	458	3.58	100%	YES	
764	a475	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	458	16.83	99%	YES	
10567	144	Hses East	Bedroom	11.09	7.36	459	7.36	100%	YES	
820	144	Apt Blocks DEFG	Bedroom	12.00	8.14	459	8.14	100%	YES	
806	a370	Apt Blocks L to Y	Bedroom	13.15	8.81	459	8.81	100%	YES	
865	a442	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	459	22.06	100%	YES	
862	a444	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	459	22.06	100%	YES	
898	063	Hses West	Kitchen - Dining	17.52	12.66	460	12.66	100%	YES	
778	a297	Apt Blocks HIJK	Bedroom	13.15	8.90	460	8.90	100%	YES	
814	a368	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	460	22.06	100%	YES	
772	a368	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	460	16.92	99%	YES	
2139	a368	Hses West	uTypeC1_L	23.63	18.02	461	17.93	99%	YES	
832	a351	Apt Blocks HIJK	Bedroom	13.09	8.85	461	8.85	100%	YES	
868	a452	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	461	22.06	100%	YES	

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798	a452	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	461	16.83	99%	YES	
11019	078	Hses West	Kitchen - Dining	17.59	12.58	463	12.58	100%	YES	
12638	078	Hses West	Bedroom	6.69	3.58	463	3.58	100%	YES	
972	a359	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	463	12.19	100%	YES	
853	a426	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	463	22.06	100%	YES	
869	a452	Apt Blocks L to Y	Bedroom	13.15	8.81	463	8.81	100%	YES	
a466^	a466	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	463	22.06	100%	YES	
uTyp3A-B2	a466	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	463	8.90	100%	YES	
751	a466	Hses East	Living Room	20.95	15.72	464	15.72	100%	YES	
829	a349	Apt Blocks HIJK	Bedroom	13.09	8.85	464	8.85	100%	YES	
808	a378	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	464	22.06	100%	YES	
847	a416	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	464	22.06	100%	YES	
uTyp3A-KDL	a477	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	464	22.15	100%	YES	
788	a489	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	464	22.15	100%	YES	
762	a489	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	465	16.83	99%	YES	
853	038	Hses West	Kitchen - Dining	17.52	12.66	466	12.66	100%	YES	
805	a370	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	466	22.06	100%	YES	
778	a370	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	466	16.92	99%	YES	
877	a458	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	466	22.06	100%	YES	
2396	032	Hses West	uTypeC1_KD	23.21	17.64	467	17.64	100%	YES	
908	069	Hses West	Kitchen - Dining	17.52	12.66	467	12.66	100%	YES	
817	a376	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	467	22.15	100%	YES	
770	a376	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	467	16.92	99%	YES	
909	a376	Apt Blocks HIJK	Bedroom	7.14	4.09	468	4.09	100%	YES	
826	a347	Apt Blocks HIJK	Bedroom	13.15	8.90	468	8.90	100%	YES	
10607	070	Hses West	Kitchen - Dining	17.59	12.58	471	12.58	100%	YES	
uTyp4A-KD	a357	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	471	12.19	100%	YES	
824	a266	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	472	24.46	99%	YES	
a338"	a338	Apt Blocks HIJK	Bedroom	12.84	8.65	473	8.65	100%	YES	
829	a338	Apt Blocks DEFG	Bedroom	12.00	8.14	476	8.14	100%	YES	
Lv	a338	Hses East	Living Room	18.33	13.53	477	13.53	100%	YES	
uTyp3A-KDL	a360	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	477	22.06	100%	YES	
874	a460	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	477	22.06	100%	YES	
10195	064	Hses West	Kitchen - Dining	17.59	12.58	479	12.58	100%	YES	
821	a261	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	479	24.37	99%	YES	
833	a274	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	479	24.46	99%	YES	
800	a274	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	480	16.92	99%	YES	
uTyp3B-KDL	a229	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	481	22.06	100%	YES	
3373	a229	Hses East	Living Room	18.33	13.53	482	13.53	100%	YES	
3630	119	Hses East	Kitchen - Dining	23.20	17.63	482	17.55	99%	YES	
14447	119	Hses West	Bedroom	6.69	3.58	483	3.58	100%	YES	
6693	076	Hses West	Bedroom	14.05	9.71	483	9.71	100%	YES	
758	076	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	483	16.83	99%	YES	
11964	076	Hses East	Bedroom	7.00	4.09	484	4.09	100%	YES	
12768	076	Hses East	Bedroom	7.00	4.09	485	4.09	100%	YES	
13170	076	Hses East	Bedroom	7.00	4.09	485	4.09	100%	YES	
13572	076	Hses East	Bedroom	7.00	4.09	485	4.09	100%	YES	
13974	076	Hses East	Bedroom	7.00	4.09	485	4.09	100%	YES	
14045	076	Hses West	Bedroom	6.69	3.58	486	3.58	100%	YES	
12366	076	Hses East	Bedroom	7.00	4.09	486	4.09	100%	YES	
4567	076	Hses East	Living Room	18.33	13.53	486	13.53	100%	YES	
1104	a451	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	487	12.19	100%	YES	
1116	a459	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	487	12.19	100%	YES	
4169	a459	Hses East	Living Room	18.33	13.53	488	13.53	100%	YES	
1582	a459	Hses East	Living Room	18.33	13.53	489	13.53	100%	YES	
855	a216	Apt Blocks ABC	tchen - Dining - Living	31.35	22.15	489	22.06	100%	YES	
1098	a449	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	489	12.19	100%	YES	
771	a494	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	491	8.12	100%	YES	
767	a502	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	492	8.12	100%	YES	
776	a502	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	494	16.92	99%	YES	
763	a478	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	494	8.12	100%	YES	
2776	a478	Hses East	Living Room	18.33	13.53	495	13.53	100%	YES	
12969	a478	Hses East	Bedroom	7.00	4.09	496	4.09	100%	YES	
1980	a478	Hses East	Living Room	18.33	13.53	497	13.53	100%	YES	

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5923	053	Hses West	Bedroom	14.05	9.71	498	9.71	100%	YES	
a491^	053	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	498	8.90	100%	YES	
774	053	Apt Blocks HIJK	tchen - Dining - Living	22.40	17.01	501	16.92	99%	YES	
4965	053	Hses East	Living Room	18.33	13.53	502	13.53	100%	YES	
3789	058	Hses West	uTypeC1_KD	23.21	17.64	503	17.64	100%	YES	
2338	058	Hses West	uTypeC1_L	23.63	18.02	504	17.93	99%	YES	
836	a287	Apt Blocks DEFG	tchen - Dining - Living	31.78	24.73	508	24.46	99%	YES	
769	a480	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	509	8.12	100%	YES	
1110	122.545	Apt Blocks L to Y	Kitchen - Dining	16.82	12.20	511	12.20	100%	YES	
13844	UNWN	Hses West	Bedroom	6.69	3.58	513	3.58	100%	YES	
14246	UNWN	Hses West	Bedroom	6.69	3.58	513	3.58	100%	YES	
954	a352	Apt Blocks HIJK	Kitchen - Dining	16.90	12.24	514	12.15	99%	YES	
765	a496	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	514	8.12	100%	YES	
6114	054	Hses West	Bedroom	14.05	9.71	516	9.71	100%	YES	
804	a269	Apt Blocks DEFG	Bedroom	13.15	8.90	516	8.90	100%	YES	
783	a485	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	516	8.90	100%	YES	
832	a485	Apt Blocks DEFG	Bedroom	12.00	8.14	517	8.14	100%	YES	
a469^	a469	Apt Blocks L to Y	tchen - Dining - Living	22.39	17.00	517	16.91	99%	YES	
5562	a469	Hses East	Living Room	18.33	13.53	518	13.53	100%	YES	
858	a353	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	518	24.46	99%	YES	
L	a353	Hses East	Living Room	20.95	15.72	519	15.72	100%	YES	
1781	a353	Hses East	Living Room	18.33	13.53	519	13.53	100%	YES	
uTyp3B-B1	a229	Apt Blocks ABC	Bedroom	12.03	8.16	519	8.16	100%	YES	
850	a218	Apt Blocks ABC	Bedroom	13.15	8.90	520	8.90	100%	YES	
1065	a427	Apt Blocks L to Y	Bedroom	13.32	8.70	520	8.70	100%	YES	
805	a427	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	520	8.16	100%	YES	
836	a427	Apt Blocks ABC	Bedroom	12.00	8.14	522	8.14	100%	YES	
6307	055	Hses West	Bedroom	14.05	9.71	524	9.71	100%	YES	
751	055	Hses West	Living Room	20.95	15.72	524	15.72	100%	YES	
835	055	Apt Blocks DEFG	Bedroom	12.00	8.14	524	8.14	100%	YES	
888	056	Hses West	Kitchen - Dining	17.52	12.66	525	12.66	100%	YES	
1383	056	Hses East	Living Room	18.33	13.53	526	13.53	100%	YES	
844	109.166	Apt Blocks ABC	Bedroom	13.15	8.90	526	8.90	100%	YES	
841	a222	Apt Blocks ABC	Bedroom	13.15	8.90	526	8.90	100%	YES	
847	a224	Apt Blocks ABC	Bedroom	13.15	8.90	526	8.90	100%	YES	
840	a343	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	528	24.64	100%	YES	
5164	a343	Hses East	Living Room	18.33	13.53	529	13.53	100%	YES	
11763	a343	Hses East	Bedroom	7.00	4.09	530	4.09	100%	YES	
12165	a343	Hses East	Bedroom	7.00	4.09	531	4.09	100%	YES	
12567	a343	Hses East	Bedroom	7.00	4.09	531	4.09	100%	YES	
13773	a343	Hses East	Bedroom	7.00	4.09	531	4.09	100%	YES	
823	a343	Apt Blocks DEFG	Bedroom	12.00	8.14	531	8.14	100%	YES	
13371	a343	Hses East	Bedroom	7.00	4.09	532	4.09	100%	YES	
786	a343	Hses West	Living Room	20.95	15.72	533	15.72	100%	YES	
857	a343	Apt Blocks ABC	Bedroom	12.03	8.16	533	8.16	100%	YES	
777	a501	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	533	8.90	100%	YES	
853	a220	Apt Blocks ABC	Bedroom	13.15	8.90	534	8.90	100%	YES	
811	a220	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	534	8.16	100%	YES	
2378	a220	Hses East	Living Room	18.33	13.53	535	13.53	100%	YES	
839	a220	Apt Blocks ABC	Bedroom	12.00	8.14	535	8.14	100%	YES	
uTyp3A-B2	109.184	Apt Blocks ABC	Bedroom	13.15	8.90	536	8.90	100%	YES	
uTyp3B-B1	a479	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	536	8.16	100%	YES	
855	a303	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	537	24.55	99%	YES	
843	a321	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	539	24.55	99%	YES	
1029	a401	Apt Blocks L to Y	Bedroom	13.32	8.70	539	8.70	100%	YES	
1059	a425	Apt Blocks L to Y	Bedroom	13.32	8.70	539	8.70	100%	YES	
780	a425	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	540	16.92	99%	YES	
4536	a425	Hses West	Bedroom	11.67	7.89	541	7.89	100%	YES	
2834	116	Hses East	Kitchen - Dining	23.20	17.63	543	17.63	100%	YES	
743	a361	Apt Blocks L to Y	Bedroom	12.00	8.12	544	8.12	100%	YES	
761	a472	Apt Blocks Z B2 A2	Bedroom	12.00	8.12	544	8.12	100%	YES	
761	a472	Hses West	Living Room	20.95	15.72	546	15.72	100%	YES	
766	a472	Hses West	Living Room	20.95	15.72	546	15.72	100%	YES	
746	a472	Hses East	Living Room	20.95	15.72	546	15.72	100%	YES	

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771	a472	Hses West	Living Room	20.95	15.72	547	15.72	100%	YES	
774	a475	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	549	8.90	100%	YES	
5332	a475	Hses West	Bedroom	11.67	7.89	550	7.89	100%	YES	
5363	a475	Hses East	Living Room	18.33	13.53	550	13.53	100%	YES	
uTyp3B-KD	a288	Apt Blocks HIJK	Kitchen - Dining	16.90	12.24	550	12.24	100%	YES	
742	a288	Apt Blocks L to Y	Bedroom	12.00	8.12	551	8.12	100%	YES	
4329	a288	Hses West	Bedroom	11.53	7.78	552	7.78	100%	YES	
1011	a391	Apt Blocks L to Y	Bedroom	13.32	8.70	552	8.70	100%	YES	
1023	a399	Apt Blocks L to Y	Bedroom	13.32	8.70	552	8.70	100%	YES	
776	a399	Hses West	Living Room	20.95	15.72	553	15.72	100%	YES	
1017	a393	Apt Blocks L to Y	Bedroom	13.32	8.70	553	8.70	100%	YES	
1077	a435	Apt Blocks L to Y	Bedroom	13.32	8.70	554	8.70	100%	YES	
814	a435	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	555	8.16	100%	YES	
846	a305	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	556	24.55	99%	YES	
861	a345	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	557	24.55	99%	YES	
900	a345	Apt Blocks L to Y	Bedroom	12.03	8.16	557	8.16	100%	YES	
1071	a433	Apt Blocks L to Y	Bedroom	13.32	8.70	557	8.70	100%	YES	
4138	a433	Hses West	Bedroom	11.67	7.89	558	7.89	100%	YES	
796	a243	Apt Blocks ABC	Bedroom	13.15	8.90	558	8.90	100%	YES	
754	a243	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	558	16.92	99%	YES	
1128	a467	Apt Blocks L to Y	Kitchen - Dining	16.82	12.19	558	12.19	100%	YES	
uTyp3B-KDL	a479	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	559	22.15	100%	YES	
787	001	Hses West	Bedroom	10.70	7.00	560	7.00	100%	YES	
1122	a465	Apt Blocks L to Y	Kitchen - Dining	16.82	12.20	560	12.20	100%	YES	
781	a465	Hses West	Living Room	20.95	15.72	561	15.72	100%	YES	
799	a239	Apt Blocks ABC	Bedroom	13.15	8.90	561	8.90	100%	YES	
838	a239	Apt Blocks DEFG	Bedroom	12.00	8.14	561	8.14	100%	YES	
849	a323	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	561	24.64	100%	YES	
782	a323	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	561	17.01	100%	YES	
a232"	a323	Apt Blocks ABC	Bedroom	13.15	8.90	562	8.90	100%	YES	
808	a323	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	563	8.16	100%	YES	
4727	a323	Hses West	Bedroom	11.53	7.78	564	7.78	100%	YES	
768	092	Hses East	Kitchen - Dining	17.52	12.66	564	12.66	100%	YES	
918	092	Apt Blocks L to Y	Bedroom	12.03	8.16	564	8.16	100%	YES	
4726	092	Hses West	Living Room	23.69	18.08	565	18.08	100%	YES	
1005	a385	Apt Blocks L to Y	Bedroom	13.32	8.70	565	8.70	100%	YES	
792	a487	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	565	8.90	100%	YES	
809	a495	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	565	22.15	100%	YES	
803	a503	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	565	22.15	100%	YES	
1043	094	Hses East	Kitchen - Dining	23.20	17.63	567	17.63	100%	YES	
946	a440	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	567	22.15	100%	YES	
999	a383	Apt Blocks L to Y	Bedroom	13.32	8.70	568	8.70	100%	YES	
949	a454	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	568	22.15	100%	YES	
930	a454	Apt Blocks L to Y	Bedroom	12.03	8.16	569	8.16	100%	YES	
812	a481	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	569	22.15	100%	YES	
805	a247	Apt Blocks ABC	Bedroom	13.15	8.90	570	8.90	100%	YES	
901	a388	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	570	22.15	100%	YES	
913	a404	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	570	22.15	100%	YES	
919	a412	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	570	22.15	100%	YES	
5522	a412	Hses West	Living Room	23.69	18.08	571	18.08	100%	YES	
802	a412	Apt Blocks Z B2 A2	Bedroom	12.03	8.16	571	8.16	100%	YES	
806	a497	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	571	22.15	100%	YES	
958	a456	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	572	22.15	100%	YES	
5767	168	Hses East	Bedroom	11.09	7.36	573	7.36	100%	YES	
1041	a409	Apt Blocks L to Y	Bedroom	13.32	8.70	573	8.70	100%	YES	
928	a414	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	573	22.15	100%	YES	
800	a473	Apt Blocks Z B2 A2	tchen - Dining - Living	31.35	22.15	573	22.15	100%	YES	
775	a344	Apt Blocks HIJK	uType1D_B	12.01	8.12	574	8.03	99%	YES	
906	a344	Apt Blocks L to Y	Bedroom	12.03	8.16	574	8.16	100%	YES	
747	a422	Apt Blocks L to Y	Bedroom	12.00	8.12	574	8.12	100%	YES	
804	a422	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	574	17.01	100%	YES	
802	a235	Apt Blocks ABC	Bedroom	13.15	8.90	575	8.90	100%	YES	
904	a382	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	575	22.15	100%	YES	
922	a406	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	575	22.15	100%	YES	

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925	a421	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	575	22.15	100%	YES	
1089	a443	Apt Blocks L to Y	Bedroom	13.32	8.70	575	8.70	100%	YES	
5523	a443	Hses West	Bedroom	11.53	7.78	576	7.78	100%	YES	
1053	a417	Apt Blocks L to Y	Bedroom	13.32	8.70	576	8.70	100%	YES	
790	001	Hses West	Kitchen - Dining	18.25	13.16	577	13.16	100%	YES	
820	a237	Apt Blocks ABC	Bedroom	13.15	8.90	577	8.90	100%	YES	
993	a377	Apt Blocks L to Y	Bedroom	13.32	8.70	577	8.70	100%	YES	
1035	a407	Apt Blocks L to Y	Bedroom	13.32	8.70	578	8.70	100%	YES	
931	a430	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	578	22.15	100%	YES	
964	a464	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	578	22.15	100%	YES	
769	a304	Apt Blocks HIJK	Bedroom	12.01	8.12	579	8.12	100%	YES	
892	a366	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	579	22.15	100%	YES	
752	a366	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	580	17.01	100%	YES	
1083	a441	Apt Blocks L to Y	Bedroom	13.32	8.70	580	8.70	100%	YES	
952	a448	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	580	22.15	100%	YES	
961	a471	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	580	22.15	100%	YES	
3431	117	Hses East	Kitchen - Dining	23.20	17.63	581	17.63	100%	YES	
895	a380	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	581	22.15	100%	YES	
940	a432	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	581	22.15	100%	YES	
937	a438	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	581	22.15	100%	YES	
943	a446	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	581	22.15	100%	YES	
5730	a446	Hses West	Bedroom	11.63	7.86	583	7.86	100%	YES	
898	a374	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	583	22.15	100%	YES	
907	a396	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	583	22.15	100%	YES	
1047	a415	Apt Blocks L to Y	Bedroom	13.32	8.70	583	8.70	100%	YES	
916	a398	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	584	22.15	100%	YES	
934	a424	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	584	22.15	100%	YES	
889	a372	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	585	22.15	100%	YES	
955	a462	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	585	22.15	100%	YES	
5125	a462	Hses West	Bedroom	11.53	7.78	586	7.78	100%	YES	
987	a375	Apt Blocks L to Y	Bedroom	13.32	8.70	586	8.70	100%	YES	
823	a241	Apt Blocks ABC	Bedroom	13.15	8.90	587	8.90	100%	YES	
852	a289	Apt Blocks HIJK	tchen - Dining - Living	31.78	24.73	588	24.64	100%	YES	
915	a289	Apt Blocks L to Y	Bedroom	12.03	8.16	588	8.16	100%	YES	
4625	126	Hses East	Kitchen - Dining	23.20	17.63	589	17.63	100%	YES	
750	126	Apt Blocks L to Y	tchen - Dining - Living	22.40	17.01	589	17.01	100%	YES	
773	098	Hses East	Kitchen - Dining	17.52	12.66	590	12.66	100%	YES	
778	104	Hses East	Kitchen - Dining	17.52	12.66	590	12.66	100%	YES	
788	130	Hses East	Kitchen - Dining	17.52	12.66	590	12.66	100%	YES	
5920	130	Hses West	Living Room	23.62	18.01	591	18.01	100%	YES	
969	a359	Apt Blocks L to Y	Bedroom	13.32	8.70	591	8.70	100%	YES	
793	136	Hses East	Kitchen - Dining	17.52	12.66	592	12.66	100%	YES	
uTyp3B-KDL	a363	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	592	22.15	100%	YES	
a245-	a363	Apt Blocks ABC	Bedroom	13.15	8.90	593	8.90	100%	YES	
uTyp4A-B3	a363	Apt Blocks L to Y	Bedroom	13.32	8.70	593	8.70	100%	YES	
5921	a363	Hses West	Bedroom	11.50	7.75	594	7.75	100%	YES	
781	a199	Apt Blocks ABC	Bedroom	12.00	8.12	594	8.12	100%	YES	
975	a367	Apt Blocks L to Y	Bedroom	13.32	8.70	594	8.70	100%	YES	
910	a390	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	594	22.15	100%	YES	
12968	a390	Hses East	Bedroom	6.69	3.58	595	3.58	100%	YES	
11762	a390	Hses East	Bedroom	6.69	3.58	597	3.58	100%	YES	
1101	a451	Apt Blocks L to Y	Bedroom	13.32	8.70	597	8.70	100%	YES	
886	a356	Apt Blocks L to Y	tchen - Dining - Living	31.35	22.15	598	22.15	100%	YES	
1095	a449	Apt Blocks L to Y	Bedroom	13.32	8.70	598	8.70	100%	YES	
12164	a449	Hses East	Bedroom	6.69	3.58	599	3.58	100%	YES	
12566	a449	Hses East	Bedroom	6.69	3.58	599	3.58	100%	YES	
13370	a449	Hses East	Bedroom	6.69	3.58	599	3.58	100%	YES	
13772	a449	Hses East	Bedroom	6.69	3.58	600	3.58	100%	YES	
789	a489	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	601	8.90	100%	YES	
981	a369	Apt Blocks L to Y	Bedroom	13.32	8.70	603	8.70	100%	YES	
769	a397	Apt Blocks L to Y	Bedroom	12.00	8.12	603	8.12	100%	YES	
4934	a397	Hses West	Bedroom	11.67	7.89	604	7.89	100%	YES	
933	a397	Apt Blocks L to Y	Bedroom	12.03	8.16	605	8.16	100%	YES	
777	a413	Apt Blocks L to Y	Bedroom	12.00	8.12	606	8.12	100%	YES	

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4328	a413	Hses West	Living Room	23.69	18.08	607	18.08	100%	YES	
5531	a413	Hses West	Bedroom	11.67	7.89	607	7.89	100%	YES	
948	a413	Apt Blocks L to Y	Bedroom	12.03	8.16	607	8.16	100%	YES	
783	a230	Apt Blocks ABC	Bedroom	12.00	8.12	609	8.12	100%	YES	
851	093	Hses East	Kitchen - Dining	23.20	17.63	612	17.63	100%	YES	
783	110	Hses East	Kitchen - Dining	17.52	12.66	612	12.66	100%	YES	
757	a373	Apt Blocks L to Y	uType1D_B	12.00	8.12	612	8.12	100%	YES	
832	a214	Apt Blocks ABC	Bedroom	13.15	8.90	613	8.90	100%	YES	
2038	111	Hses East	Kitchen - Dining	23.20	17.63	614	17.63	100%	YES	
5421	137	Hses East	Kitchen - Dining	23.20	17.63	614	17.63	100%	YES	
757	127	Hses East	Bedroom	10.70	7.00	615	7.00	100%	YES	
903	127	Apt Blocks L to Y	Bedroom	12.03	8.16	615	8.16	100%	YES	
5779	008	Hses West	Kitchen - Dining	23.13	17.57	616	17.57	100%	YES	
5324	008	Hses West	Bedroom	11.53	7.78	616	7.78	100%	YES	
752	062	Hses West	Bedroom	10.70	7.00	617	7.00	100%	YES	
11963	062	Hses East	Bedroom	6.69	3.58	617	3.58	100%	YES	
12365	062	Hses East	Bedroom	6.69	3.58	618	3.58	100%	YES	
12767	062	Hses East	Bedroom	6.69	3.58	618	3.58	100%	YES	
13169	062	Hses East	Bedroom	6.69	3.58	618	3.58	100%	YES	
13973	062	Hses East	Bedroom	6.69	3.58	618	3.58	100%	YES	
830	062	Apt Blocks ABC	Bedroom	12.00	8.14	618	8.14	100%	YES	
896	a380	Apt Blocks L to Y	Bedroom	13.15	8.90	618	8.90	100%	YES	
905	a382	Apt Blocks L to Y	Bedroom	13.15	8.90	618	8.90	100%	YES	
960	a382	Apt Blocks L to Y	Bedroom	12.03	8.16	618	8.16	100%	YES	
13571	a382	Hses East	Bedroom	6.69	3.58	619	3.58	100%	YES	
761	a381	Apt Blocks L to Y	Bedroom	12.00	8.12	620	8.12	100%	YES	
932	a430	Apt Blocks L to Y	Bedroom	13.15	8.90	620	8.90	100%	YES	
954	a430	Apt Blocks L to Y	Bedroom	12.03	8.16	620	8.16	100%	YES	
816	a260	Apt Blocks DEFG	Bedroom	13.15	8.90	621	8.90	100%	YES	
920	a412	Apt Blocks L to Y	Bedroom	13.15	8.90	621	8.90	100%	YES	
929	a414	Apt Blocks L to Y	Bedroom	13.15	8.90	621	8.90	100%	YES	
789	a439	Apt Blocks L to Y	Bedroom	12.01	8.12	622	8.12	100%	YES	
944	a446	Apt Blocks L to Y	Bedroom	13.15	8.90	622	8.90	100%	YES	
82	a446	Hses West	Bedroom	10.70	7.00	623	7.00	100%	YES	
4227	122	Hses East	Kitchen - Dining	23.20	17.63	624	17.63	100%	YES	
912	122	Apt Blocks L to Y	Bedroom	12.03	8.16	624	8.16	100%	YES	
3174	122	Hses East	Living Room	18.33	13.53	625	13.53	100%	YES	
941	a432	Apt Blocks L to Y	Bedroom	13.15	8.90	625	8.90	100%	YES	
848	a432	Apt Blocks HIJK	Bedroom	12.00	8.14	626	8.14	100%	YES	
863	a432	Apt Blocks HIJK	Bedroom	12.00	8.14	626	8.14	100%	YES	
924	a432	Apt Blocks L to Y	Bedroom	12.03	8.16	626	8.16	100%	YES	
950	a454	Apt Blocks L to Y	Bedroom	13.15	8.90	626	8.90	100%	YES	
5124	a454	Hses West	Living Room	23.69	18.08	627	18.08	100%	YES	
1839	106	Hses East	Kitchen - Dining	23.20	17.63	627	17.63	100%	YES	
2635	124	Hses East	Kitchen - Dining	23.20	17.63	627	17.63	100%	YES	
899	a374	Apt Blocks L to Y	Bedroom	13.15	8.90	627	8.90	100%	YES	
902	a388	Apt Blocks L to Y	Bedroom	13.15	8.90	627	8.90	100%	YES	
923	a406	Apt Blocks L to Y	Bedroom	13.15	8.90	628	8.90	100%	YES	
947	a440	Apt Blocks L to Y	Bedroom	13.15	8.90	628	8.90	100%	YES	
783	a429	Apt Blocks L to Y	Bedroom	12.01	8.12	629	8.12	100%	YES	
4824	132	Hses East	Kitchen - Dining	23.20	17.63	630	17.63	100%	YES	
792	176	Hses West	Bedroom	10.70	7.00	630	7.00	100%	YES	
847	a305	Apt Blocks HIJK	Bedroom	13.15	8.90	630	8.90	100%	YES	
762	068	Hses West	Bedroom	10.70	7.00	631	7.00	100%	YES	
1441	100	Hses East	Kitchen - Dining	23.20	17.63	631	17.63	100%	YES	
917	a398	Apt Blocks L to Y	Bedroom	13.15	8.90	631	8.90	100%	YES	
772	075	Hses West	Bedroom	10.70	7.00	632	7.00	100%	YES	
829	a200	Apt Blocks ABC	Bedroom	13.15	8.90	632	8.90	100%	YES	
807	a276	Apt Blocks DEFG	Bedroom	13.15	8.90	632	8.90	100%	YES	
914	a404	Apt Blocks L to Y	Bedroom	13.15	8.90	632	8.90	100%	YES	
965	a464	Apt Blocks L to Y	Bedroom	13.15	8.90	632	8.90	100%	YES	
908	a396	Apt Blocks L to Y	Bedroom	13.15	8.90	633	8.90	100%	YES	
1113	a459	Apt Blocks L to Y	Bedroom	13.32	8.70	633	8.70	100%	YES	
841	a343	Apt Blocks HIJK	Bedroom	13.15	8.90	635	8.90	100%	YES	

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959	a456	Apt Blocks L to Y	Bedroom	13.15	8.90	635	8.90	100%	YES	
856	a303	Apt Blocks HIJK	Bedroom	13.15	8.90	636	8.90	100%	YES	
939	a303	Apt Blocks L to Y	Bedroom	12.03	8.16	636	8.16	100%	YES	
953	a448	Apt Blocks L to Y	Bedroom	13.15	8.90	636	8.90	100%	YES	
797	170	Hses West	Bedroom	10.70	7.00	637	7.00	100%	YES	
942	170	Apt Blocks L to Y	Bedroom	12.03	8.16	637	8.16	100%	YES	
1107	a457	Apt Blocks L to Y	Bedroom	13.32	8.70	638	8.70	100%	YES	
742	035	Hses West	Bedroom	10.70	7.00	639	7.00	100%	YES	
909	035	Apt Blocks L to Y	Bedroom	12.03	8.16	639	8.16	100%	YES	
1640	105	Hses East	Kitchen - Dining	23.20	17.63	640	17.63	100%	YES	
801	a263	Apt Blocks DEFG	Bedroom	13.15	8.90	640	8.90	100%	YES	
810	a280	Apt Blocks DEFG	Bedroom	13.15	8.90	640	8.90	100%	YES	
938	a438	Apt Blocks L to Y	Bedroom	13.15	8.90	640	8.90	100%	YES	
765	a302	Apt Blocks HIJK	Bedroom	12.01	8.12	641	8.12	100%	YES	
911	a390	Apt Blocks L to Y	Bedroom	13.15	8.90	641	8.90	100%	YES	
956	a462	Apt Blocks L to Y	Bedroom	13.15	8.90	642	8.90	100%	YES	
771	a403	Apt Blocks L to Y	Bedroom	12.01	8.12	643	8.12	100%	YES	
uTyp3B-B2	a403	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	643	8.90	100%	YES	
800	170	Hses West	Kitchen - Dining	18.25	13.16	645	13.16	100%	YES	
11635	170	Hses West	Living Room	18.33	13.53	646	13.53	100%	YES	
744	170	Apt Blocks L to Y	tchen - Dining - Living	22.39	17.00	646	17.00	100%	YES	
5023	131	Hses East	Kitchen - Dining	23.20	17.63	647	17.63	100%	YES	
795	176	Hses West	Kitchen - Dining	18.25	13.16	647	13.16	100%	YES	
780	a265	Apt Blocks DEFG	Bedroom	13.15	8.90	647	8.90	100%	YES	
782	084	Hses West	Bedroom	10.70	7.00	648	7.00	100%	YES	
a465^	a465	Apt Blocks L to Y	Bedroom	13.32	8.70	648	8.70	100%	YES	
1125	a467	Apt Blocks L to Y	Bedroom	13.32	8.70	648	8.70	100%	YES	
810	a495	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	648	8.90	100%	YES	
1242	099	Hses East	Kitchen - Dining	23.20	17.63	649	17.63	100%	YES	
a284'	099	Apt Blocks DEFG	Bedroom	13.15	8.90	652	8.90	100%	YES	
897	099	Apt Blocks L to Y	Bedroom	12.03	8.16	653	8.16	100%	YES	
4925	099	Hses West	Living Room	23.69	18.08	654	18.08	100%	YES	
857	099	Apt Blocks HIJK	Bedroom	12.00	8.14	655	8.14	100%	YES	
921	099	Apt Blocks L to Y	Bedroom	12.03	8.16	656	8.16	100%	YES	
786	a278	Apt Blocks DEFG	Bedroom	13.15	8.90	657	8.90	100%	YES	
3970	a278	Hses East	Living Room	18.33	13.53	658	13.53	100%	YES	
945	a278	Apt Blocks L to Y	Bedroom	12.03	8.16	658	8.16	100%	YES	
789	a282	Apt Blocks DEFG	Bedroom	13.15	8.90	659	8.90	100%	YES	
844	a321	Apt Blocks HIJK	Bedroom	13.15	8.90	660	8.90	100%	YES	
862	a345	Apt Blocks HIJK	Bedroom	13.15	8.90	660	8.90	100%	YES	
763	a387	Apt Blocks L to Y	Bedroom	12.01	8.12	661	8.12	100%	YES	
819	a249	Apt Blocks DEFG	Bedroom	13.15	8.90	662	8.90	100%	YES	
793	a447	Apt Blocks L to Y	Bedroom	12.01	8.12	662	8.12	100%	YES	
890	a372	Apt Blocks L to Y	Bedroom	13.15	8.90	663	8.90	100%	YES	
957	a372	Apt Blocks L to Y	Bedroom	12.03	8.16	663	8.16	100%	YES	
785	a431	Apt Blocks L to Y	Bedroom	12.01	8.12	664	8.12	100%	YES	
785	a213	Apt Blocks ABC	Bedroom	12.00	8.12	665	8.12	100%	YES	
858	a215	Apt Blocks ABC	Bedroom	12.00	8.12	667	8.12	100%	YES	
11494	057	Hses West	Kitchen - Dining	23.20	17.63	668	17.63	100%	YES	
891	057	Apt Blocks L to Y	Bedroom	12.03	8.16	668	8.16	100%	YES	
B2	057	Hses East	Bedroom	10.70	7.00	670	7.00	100%	YES	
752	107	Hses East	Bedroom	10.70	7.00	670	7.00	100%	YES	
762	133	Hses East	Bedroom	10.70	7.00	670	7.00	100%	YES	
765	a389	Apt Blocks L to Y	Bedroom	12.01	8.12	670	8.12	100%	YES	
773	a405	Apt Blocks L to Y	uType1D_B	12.00	8.12	670	8.03	99%	YES	
4337	a405	Hses West	Bedroom	11.67	7.89	671	7.89	100%	YES	
767	a320	Apt Blocks HIJK	Bedroom	12.00	8.12	674	8.12	100%	YES	
792	a286	Apt Blocks DEFG	Bedroom	13.15	8.90	675	8.90	100%	YES	
3572	a286	Hses East	Living Room	18.33	13.53	676	13.53	100%	YES	
797	a455	Apt Blocks L to Y	Bedroom	12.01	8.12	676	8.12	100%	YES	
750	061	Hses West	Kitchen - Dining	18.25	13.16	677	13.16	100%	YES	
842	061	Apt Blocks HIJK	Bedroom	12.00	8.14	677	8.14	100%	YES	
927	061	Apt Blocks L to Y	Bedroom	12.03	8.16	677	8.16	100%	YES	
745	035	Hses West	Kitchen - Dining	18.25	13.16	678	13.16	100%	YES	

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747	101	Hses East	Bedroom	10.70	7.00	678	7.00	100%	YES	
787	a437	Apt Blocks L to Y	Bedroom	12.01	8.12	679	8.12	100%	YES	
771	a342	Apt Blocks HIJK	Bedroom	12.01	8.12	680	8.12	100%	YES	
773	a322	Apt Blocks HIJK	Bedroom	12.01	8.12	681	8.12	100%	YES	
10196	a322	Hses West	Living Room	18.14	13.34	682	13.34	100%	YES	
10608	a322	Hses West	Living Room	18.14	13.34	682	13.34	100%	YES	
966	a322	Apt Blocks L to Y	Bedroom	12.03	8.16	682	8.16	100%	YES	
850	a323	Apt Blocks HIJK	Bedroom	13.15	8.90	683	8.90	100%	YES	
951	a323	Apt Blocks L to Y	Bedroom	12.03	8.16	683	8.16	100%	YES	
833	a323	Apt Blocks ABC	Bedroom	12.00	8.14	685	8.14	100%	YES	
845	a323	Apt Blocks HIJK	Bedroom	12.00	8.14	686	8.14	100%	YES	
4926	a323	Hses West	Bedroom	11.53	7.78	688	7.78	100%	YES	
3829	120	Hses East	Kitchen - Dining	23.20	17.63	688	17.63	100%	YES	
851	120	Apt Blocks HIJK	Bedroom	12.00	8.14	689	8.14	100%	YES	
893	a366	Apt Blocks L to Y	Bedroom	13.15	8.90	689	8.90	100%	YES	
807	a497	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	690	8.90	100%	YES	
11020	a497	Hses West	Living Room	18.14	13.34	693	13.34	100%	YES	
860	a497	Apt Blocks HIJK	Bedroom	12.00	8.14	693	8.14	100%	YES	
1a	a354	Apt Blocks L to Y	tchen - Dining - Living	22.39	17.00	693	17.00	100%	YES	
5722	a354	Hses West	Bedroom	11.53	7.78	695	7.78	100%	YES	
767	a395	Apt Blocks L to Y	Bedroom	12.01	8.12	695	8.12	100%	YES	
780	083	Hses West	Kitchen - Dining	18.25	13.16	697	13.16	100%	YES	
785	084	Hses West	Kitchen - Dining	18.25	13.16	698	13.16	100%	YES	
935	a424	Apt Blocks L to Y	Bedroom	13.15	8.90	699	8.90	100%	YES	
926	a421	Apt Blocks L to Y	Bedroom	13.15	8.90	700	8.90	100%	YES	
3033	115	Hses East	Kitchen - Dining	23.20	17.63	701	17.63	100%	YES	
962	a471	Apt Blocks L to Y	Bedroom	13.15	8.90	703	8.90	100%	YES	
5721	a471	Hses West	Living Room	23.69	18.08	705	18.08	100%	YES	
2237	112	Hses East	Kitchen - Dining	23.20	17.63	705	17.63	100%	YES	
uTyp3B-B1	a363	Apt Blocks L to Y	Bedroom	12.03	8.16	709	8.16	100%	YES	
936	a363	Apt Blocks L to Y	Bedroom	12.03	8.16	709	8.16	100%	YES	
887	a356	Apt Blocks L to Y	Bedroom	13.15	8.90	711	8.90	100%	YES	
4368	a356	Hses East	Living Room	18.33	13.53	713	13.53	100%	YES	
791	a445	Apt Blocks L to Y	Bedroom	12.01	8.12	713	8.12	100%	YES	
804	a503	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	713	8.90	100%	YES	
11432	a503	Hses West	Living Room	18.14	13.34	714	13.34	100%	YES	
894	a503	Apt Blocks L to Y	Bedroom	12.03	8.16	714	8.16	100%	YES	
uTyp3B-B2	a503	Apt Blocks L to Y	Bedroom	13.15	8.90	718	8.90	100%	YES	
a469<	a503	Apt Blocks L to Y	Bedroom	12.00	8.12	722	8.12	100%	YES	
5323	a503	Hses West	Living Room	23.69	18.08	723	18.08	100%	YES	
853	122.202	Apt Blocks HIJK	Bedroom	13.15	8.90	723	8.90	100%	YES	
770	074	Hses West	Kitchen - Dining	18.25	13.16	724	13.16	100%	YES	
759	a379	Apt Blocks L to Y	uType1D_B	12.01	8.12	726	8.12	100%	YES	
775	a411	Apt Blocks L to Y	uType1D_B	12.00	8.12	729	8.12	100%	YES	
4426	125	Hses East	Kitchen - Dining	23.20	17.63	730	17.63	100%	YES	
955	a352	Apt Blocks HIJK	Bedroom	13.32	8.70	730	8.70	100%	YES	
760	067	Hses West	Kitchen - Dining	18.25	13.16	731	13.16	100%	YES	
5222	138	Hses East	Kitchen - Dining	23.20	17.63	731	17.63	100%	YES	
799	a461	Apt Blocks L to Y	Bedroom	12.01	8.12	734	8.12	100%	YES	
859	a353	Apt Blocks HIJK	Bedroom	13.15	8.90	735	8.90	100%	YES	
4528	a353	Hses West	Bedroom	11.53	7.78	737	7.78	100%	YES	
2436	123	Hses East	Kitchen - Dining	23.20	17.63	737	17.63	100%	YES	
963	123	Apt Blocks L to Y	Bedroom	12.03	8.16	738	8.16	100%	YES	
779	a420	Apt Blocks L to Y	Bedroom	12.01	8.12	742	8.12	100%	YES	
4735	a420	Hses West	Bedroom	11.67	7.89	744	7.89	100%	YES	
5133	a420	Hses West	Bedroom	11.67	7.89	745	7.89	100%	YES	
uTyp4B-B3	a420	Apt Blocks HIJK	Bedroom	13.32	8.70	746	8.70	100%	YES	
888	a420	Apt Blocks L to Y	Bedroom	12.03	8.16	746	8.16	100%	YES	
795	a453	Apt Blocks L to Y	Bedroom	12.01	8.12	748	8.12	100%	YES	
777	083	Hses West	Bedroom	10.70	7.00	749	7.00	100%	YES	
831	a273	Apt Blocks DEFG	Bedroom	13.15	8.90	750	8.90	100%	YES	
755	a371	Apt Blocks L to Y	Bedroom	12.01	8.12	751	8.12	100%	YES	
813	a481	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	751	8.90	100%	YES	
9990	a481	Hses West	Living Room	18.14	13.34	752	13.34	100%	YES	

AMALGAMATED SDA Results

Ballycullen Proposed

Daylight SDA

BS EN 17037

14-Apr-25

Room Ref	Unit no	Group	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Meets Criteria	Marginal
10814	a481	Hses West	Living Room	18.14	13.34	754	13.34	100%	YES	
801	a463	Apt Blocks L to Y	Bedroom	12.01	8.12	754	8.12	100%	YES	
828	a267	Apt Blocks DEFG	Bedroom	13.15	8.90	760	8.90	100%	YES	
755	062	Hses West	Kitchen - Dining	18.25	13.16	761	13.16	100%	YES	
956	062	Apt Blocks HIJK	Bedroom	12.18	7.90	761	7.90	100%	YES	
11226	062	Hses West	Living Room	18.14	13.34	768	13.34	100%	YES	
10402	062	Hses West	Living Room	18.14	13.34	770	13.34	100%	YES	
5915	062	Hses West	Bedroom	8.65	5.19	777	5.19	100%	YES	
854	62_ Lev0	Apt Blocks HIJK	Bedroom	12.00	8.14	781	8.14	100%	YES	
uTyp3B-B2	062	Apt Blocks ABC	Bedroom	13.15	8.90	787	8.90	100%	YES	
781	a423	Apt Blocks L to Y	Bedroom	12.01	8.12	791	8.12	100%	YES	
775	075	Hses West	Kitchen - Dining	18.25	13.16	793	13.16	100%	YES	
742	095	Hses East	Bedroom	10.70	7.00	794	7.00	100%	YES	
4527	095	Hses West	Living Room	23.69	18.08	809	18.08	100%	YES	
KD	011	Hses West	Kitchen - Dining	18.25	13.16	817	13.16	100%	YES	
765	068	Hses West	Kitchen - Dining	18.25	13.16	818	13.16	100%	YES	
751	a362	Apt Blocks L to Y	Bedroom	12.01	8.12	818	8.12	100%	YES	
747	061	Hses West	Bedroom	10.70	7.00	836	7.00	100%	YES	
767	074	Hses West	Bedroom	10.70	7.00	836	7.00	100%	YES	
760	127	Hses East	Kitchen - Dining	18.25	13.16	837	13.16	100%	YES	
835	a231	Apt Blocks ABC	Bedroom	13.15	8.90	838	8.90	100%	YES	
753	a365	Apt Blocks L to Y	Bedroom	12.01	8.12	844	8.12	100%	YES	
801	a473	Apt Blocks Z B2 A2	Bedroom	13.15	8.90	846	8.90	100%	YES	
825	a266	Apt Blocks DEFG	Bedroom	13.15	8.90	847	8.90	100%	YES	
757	067	Hses West	Bedroom	10.70	7.00	853	7.00	100%	YES	
856	a216	Apt Blocks ABC	Bedroom	13.15	8.90	857	8.90	100%	YES	
803	a470	Apt Blocks L to Y	Bedroom	12.01	8.12	863	8.12	100%	YES	
834	a274	Apt Blocks DEFG	Bedroom	13.15	8.90	869	8.90	100%	YES	
uTyp4B-B1	a288	Apt Blocks HIJK	Bedroom	12.18	7.90	897	7.90	100%	YES	
838	a248	Apt Blocks ABC	Bedroom	13.15	8.90	901	8.90	100%	YES	
749	a355	Apt Blocks L to Y	Bedroom	12.01	8.12	902	8.12	100%	YES	
822	a261	Apt Blocks DEFG	Bedroom	13.15	8.90	933	8.90	100%	YES	
837	a287	Apt Blocks DEFG	Bedroom	13.15	8.90	994	8.90	100%	YES	
755	107	Hses East	Kitchen - Dining	18.25	13.16	1017	13.16	100%	YES	
765	133	Hses East	Kitchen - Dining	18.25	13.16	1019	13.16	100%	YES	
750	101	Hses East	Kitchen - Dining	18.25	13.16	1022	13.16	100%	YES	
KD	089	Hses East	Kitchen - Dining	18.25	13.16	1081	13.16	100%	YES	
745	095	Hses East	Kitchen - Dining	18.25	13.16	1111	13.16	100%	YES	