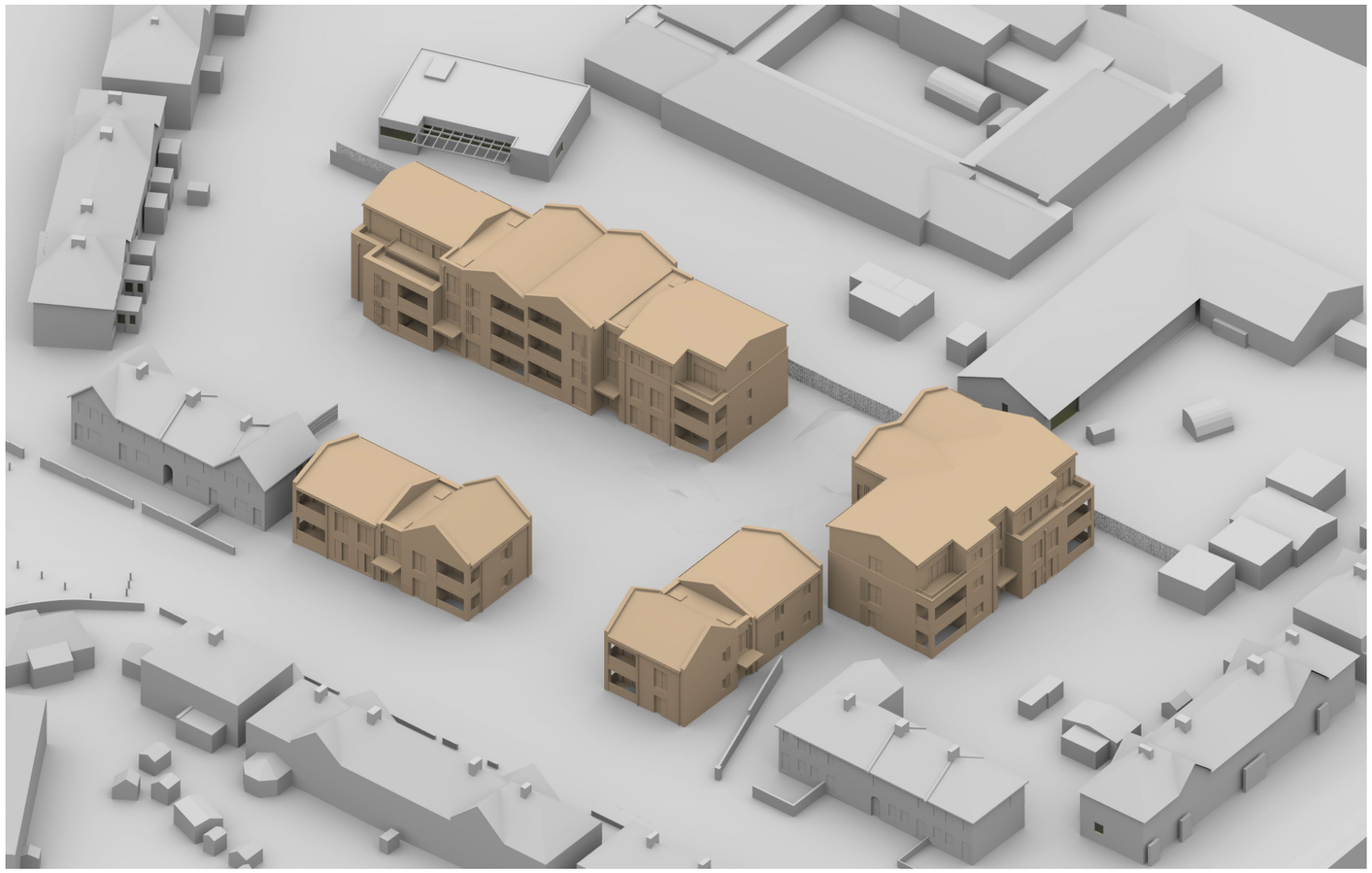
Rose Avenue
Gravesend

Daylight & Sunlight Report



December 2025

WATERSLADE

7 Oasis Park, Eynsham, Oxford, OX29 4TP
t: 01865 881882 **@:** www.waterslade.com

1 Introduction and Methodology

1.1 Generally

We have been instructed to examine the impact that proposed scheme at Rose Avenue, Gravesend will have in relation to the daylight and sunlight amenity enjoyed by the neighbouring residential properties. The daylight and sunlight amenity within the proposed scheme has also been assessed.

It is usual to assess daylight and sunlight in relation to the guidelines set out in the 2022 Building Research Establishment report 'Site layout planning for daylight and sunlight - A guide to good practice' by Paul Littlefair. This document is most widely accepted by planning authorities as the means by which to judge the acceptability of a scheme.

The BRE guidelines are not mandatory, and they explicitly state that the numerical target values should be interpreted flexibly. While local planning authorities will consider the acceptability of a proposed scheme in relation to BRE guidance, consideration will be given to the context within which a scheme is located, and daylight and sunlight will be one of a number of planning considerations.

In relation to the properties surrounding a site, usually the local planning authority will only be concerned with the impact to main habitable accommodation (i.e. living rooms, bedrooms and kitchens) within residential properties.

The BRE guidelines provide two principal measures of daylight for assessing the impact on properties neighbouring a site, namely Vertical Sky Component (VSC) and No-Sky Line (NSL). In terms of sunlight, we examine the BRE Annual Probable Sunlight Hours (APSH); and in relation to sunlight amenity to gardens and amenity spaces, we apply the quantitative BRE overshadowing guidance. These measures of daylight and sunlight are discussed in the following paragraphs –

1.2 Diffuse Daylight

1.2.1 Vertical Sky Component (VSC)

VSC is a measure of the direct skylight reaching a point from an overcast sky. It is the ratio of the illuminance at a point on a given vertical plane to the illuminance at a point on a horizontal plane due to an unobstructed sky.

For existing buildings, the BRE guideline is based on the loss of VSC at a point at the centre of a window, on the outer plane of the wall.

The BRE guidelines state that if the VSC at the centre of a window is less than 27%, and it is less than 0.8 times its former value (i.e. the proportional reduction is greater than 20%), then the reduction in skylight will be noticeable, and the existing building may be adversely affected.

1.2.2 No-Sky Line (NSL)

NSL is a measure of the distribution of daylight within a room. It maps out the region within a room where light can penetrate directly from the sky, and therefore accounts for the size of and number of windows by simple geometry.

The BRE suggest that the area of the working plane within a room that can receive direct skylight should not be reduced to less than 0.8 times its former value (i.e. the proportional reduction in area should not be greater than 20%).

1.3 Sunlight

1.3.1 Annual Probable Sunlight Hours (APSH)

In relation to sunlight, the BRE recommends that the APSH received at a given window in the proposed case should be at least 25% of the total available, including at least 5% in winter.

Where the proposed values fall short of these, and the absolute loss is greater than 4%, then the proposed values should not be less than 0.8 times their previous value in each period (i.e. the proportional reductions should not be greater than 20%).

The BRE guidelines state that '...all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within 90 degrees of due south. Kitchens and bedrooms are less important, although care should be taken not to block out too much sun'.

The APSH figures are calculated for each window, and where a room is served by more than one window the contribution of each is accounted for in the overall figures for the room. The acceptability criteria are applied to overall room-based figures.

1.3.2 Overshadowing

Section 3.3 of the BRE guidelines describes the method of assessment of the availability of sunlight within garden/amenity spaces. This relates to the proportion of shading on March 21st.

The BRE criteria for gardens or amenity areas are as follows:
'It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity space should receive at least two hours of sunlight on 21 March. If as a result of a new development an existing garden or amenity space does not meet the above, and the area that can receive two hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable.'

Driveways and hard standing for cars should be omitted from the analysis; only the main back garden should be considered. Walls or fences less than 1.5m high should be excluded from the calculation; and sunlight with an altitude of less than 10 degrees above the horizon should not be counted.

1.4 Daylight and Sunlight Within Proposed Developments

1.4.1 Climate Based Daylight Modelling (CBDM) – Daylight Illuminance (DI)

The CBDM methodology is based on the British Standard 'Daylight in Buildings'(BS EN17037). This contains advice and guidance on interior daylighting for all buildings across Europe but also has a UK National Annex which provides suggested targets for dwellings in the UK.

The CBDM methodology is based on target illuminances from daylight, to be achieved over half the area of the room (measured on a reference plane at tabletop level) for at least half of the daylight hours in a typical year. The calculations are based on weather data files which cover different regions of the UK. The calculations are done for each hour of the day for every day of the year. There are 8760 hours in the year, of which 4380 are daylight hours, and therefore the targets should be achieved for 2190 hours in the year. The methodology uses a more accurate sky model which simulates the movement of the sun throughout the day and accounts for the weather conditions at the time. As a result, CBDM accounts for the presence of sunlight and therefore the orientation of the rooms/windows is accounted for. A south facing room is likely to have access to higher levels of natural light than a north facing room and as a result, in order to comply a north facing room would typically need larger windows.

The UK National Annex gives illuminance recommendations of 100 Lux in bedrooms, 150 Lux in living rooms and 200 Lux in kitchens. These are median illuminances to be achieved over 50% of the assessment grid for at least half of the daylight hours.

Where a room has a shared use, the highest target should apply. However, it also says that Local Authorities could use discretion here and that a living room target of 150 Lux could be used for combined living/kitchen/dining room if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in the design. Following this advice, we have adopted a 150 Lux target for LKD's since their principal use is as a living space.

1.4.2 Sunlight within Proposed Developments

For new buildings, the BRE guidelines refer to BS EN 17037 which says that a space should receive a minimum of 1.5 hours of sunlight on a selected date between 1st February and 21st March with cloudless conditions. The BRE document suggests 21st March be used. For dwellings, at least one habitable room, preferably a main living room, should achieve at least this minimum criterion and that at least one main window faces within 90 degrees of south. Whilst BS EN 17037 applies to all orientations, the BRE guidelines say that if the room faces significantly north of due east or west, the criterion is unlikely to be met.

2 Sources of Information

Laser Surveys

Survey Info (received 16/05/25)
L12419 – ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner

Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
35404-BGL-A1-XXD-DR-A-1410-1413.dwg
35404-BGL-A1-XXD-DR-A-1101.dwg
Proposed Info (received 03/12/25)
35404-BGL-A1-XX-DR-A-1202 DRAFT 251203.dwg
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

3 Drawings Attached

Drawing Number:	Title:
W1364/01-03	Site Plan and 3D Views as Existing
W1364/07-09	Site Plan and 3D Views as Proposed
W1364/WM/01-04	Window Locations
W1364/SHA/03	2hr Overshadowing Assessment
W1364/CBDM/09-12	Internal CBDM Assessment

4 Calculations and Assumptions

In order to calculate the various measures of daylight and sunlight it is necessary to construct a 3D computer model. The model is then analysed using proprietary software to calculate the various measures of daylight and sunlight.

The modelling of the existing site buildings and the properties along Rose Avene was based on 2D topographical and elevational Surveys. The remaining neighbouring properties were modelled from OS ordnance data and best assumptions have been made in relation to the window fenestrations from aerial photography. The proposed scheme was based on the Architects 3D model.

The 3D model is created to reproduce the massing of the buildings both on and surrounding the site at a level of detail appropriate to the calculations performed. All heights in the model are in mm Above Ordnance Datum (AOD).

In assessing the impact of a new development on neighbouring properties, it is usual to only consider main habitable spaces (i.e. living rooms, bedrooms and kitchens) within residential properties. In accordance with the BRE and British Standard guidance, VSC and APSH values have been calculated at the window centre, on the outside wall face. For windows with a cill below working plane level, the window area above and below the working plane has been considered separately and weighted in accordance with the latest BRE guidance.

Best estimates were made in establishing building use (residential or commercial) and room uses; generally, these were made from external observation, VOA searches and recourse to planning records where available. Where floor plan information could not be obtained, reasonable assumptions have been made as to the internal configuration of the rooms behind the fenestration. Unless the building form suggests otherwise, rooms have generally been assumed to be 4.2 m deep or half the depth of the building.

5 Results and Discussion

Initially, a 3-dimensional computer model of the existing site, proposed development, and all the surrounding buildings was created. The model was analysed using proprietary software to calculate the various measures of daylight and sunlight. Existing light levels were then compared with the corresponding levels with the proposed development in place. The resulting levels and their reductions were then compared to the relevant BRE report guidelines.

We refer to attached drawings W1364/01-03 which illustrate the site in plan and 3D prior to development. Drawings W1364/07-09 illustrate the proposed development. Drawings W1364/WM/01-04 show the window locations within the neighbouring residential properties that have been considered in detail. For the purpose of this analysis, each window and room are given a unique reference. This is necessary to track the windows through the various calculations. These labels appear in the table of results which summarise the daylight and sunlight results for all main windows serving habitable rooms.

41 Rose Avenue

The property is located to the south-east of the site. Whilst there will be borderline VSC reductions to two secondary kitchen windows, the retained VSC values are 26.5% which does differ appreciably from the BRE target of 27% and therefore accords with the BRE guidelines. Furthermore, the principal window serving this room will experience a small gain in VSC when compared to the existing situation, such that the change in daylight to the room will not be noticeable.

The effect as measured by NSL will be minimal and fully compliant with the BRE guidelines.

The site facing windows have a northerly aspect, and therefore a sunlight assessment is not required.

43 Rose Avenue

These properties are located to the south-west of the site and will experience minimal reductions in daylight (VSC and NSL), fully compliant with the BRE guidelines.

The site facing windows have a northerly aspect, and therefore a sunlight assessment is not required.

1-7 Rose Avenue

These properties are located to the south-west of the site and will experience minimal reductions in daylight (VSC and NSL), fully compliant with the BRE guidelines.

The site facing windows have a northerly aspect, and therefore a sunlight assessment is not required.

10-14 Dickens Road

These properties are located to the west of the site and will experience minimal reductions in daylight (VSC and NSL), fully compliant with the BRE guidelines.

The site facing windows have a northerly aspect, and therefore a sunlight assessment is not required.

Litte Explorers Nursery

This building, located to the north of the site, will experience minimal reductions in daylight (VSC and NSL), fully compliant with the BRE guidelines.

Any reductions in sunlight will be minimal, and all site facing windows will retain excellent levels of sunlight.

21-31 Ingoldsby Road

These properties are located to the east of the site and will experience minimal reductions in daylight (VSC and NSL), fully compliant with the BRE guidelines.

The site facing windows have a northerly aspect, and therefore a sunlight assessment is not required.

Riverside Family Hub

This building is located to the north of the site. The principal windows will face away from the site and will not experience a material reduction in daylight. Furthermore, the proportional VSC reduction of 19% to one small secondary flank wall window complies with the BRE guidelines. Therefore, the room will retain excellent levels of daylight.

The impact in relation to NSL will be negligible.

Any reductions in sunlight will be minimal, and all windows will retain excellent levels of sunlight.

6 Overshadowing

Drawing W1364/SHA/03 show that the neighbouring properties will experience minimal reductions in the area of amenity that receives 2 hours of sunlight on the 21st of March. Therefore, the overshadowing impact will be fully compliant with the BRE guidelines.

The proposed communal amenity areas within the proposed development will also achieve excellent levels of sunlight, fully compliant with the BRE guidelines.

7 Daylight and Sunlight Within the Proposed Development

Drawings W1364/CBDM/09-12 show the internal arrangements within the proposal, together with daylight illuminance (Lux level) contours are achieved for 50% of daylight hours. The drawings also show the median daylight illuminance figure for each of the room.

The results show that the overall daylight amenity within the proposed accommodation will be very good. Of the 92 rooms habitable rooms within the proposed development, 79 (86%) achieve the recommend daylight illuminance threshold.

Whilst there are seven living/kitchen/dining rooms (LKD's) that do not achieve their targets, these are deep spaces where the design intent is that the kitchens, located towards the rear of the room, will be lit by supplementary electric lighting. The principal living areas will receive very high daylight amenity, exceeding the 150 Lux living room target. Therefore, the daylight amenity within these rooms should be regarded as acceptable.

With reference to attached table for Sunlight Exposure, the results show that the majority of units (97%) will meet the recommended guidelines.

8 Summary and Conclusions

We have considered the proposed development in relation to the BRE guidelines on daylight and sunlight.

The daylight impact to the neighbouring properties will be minimal and fully compliant with the BRE guidelines.

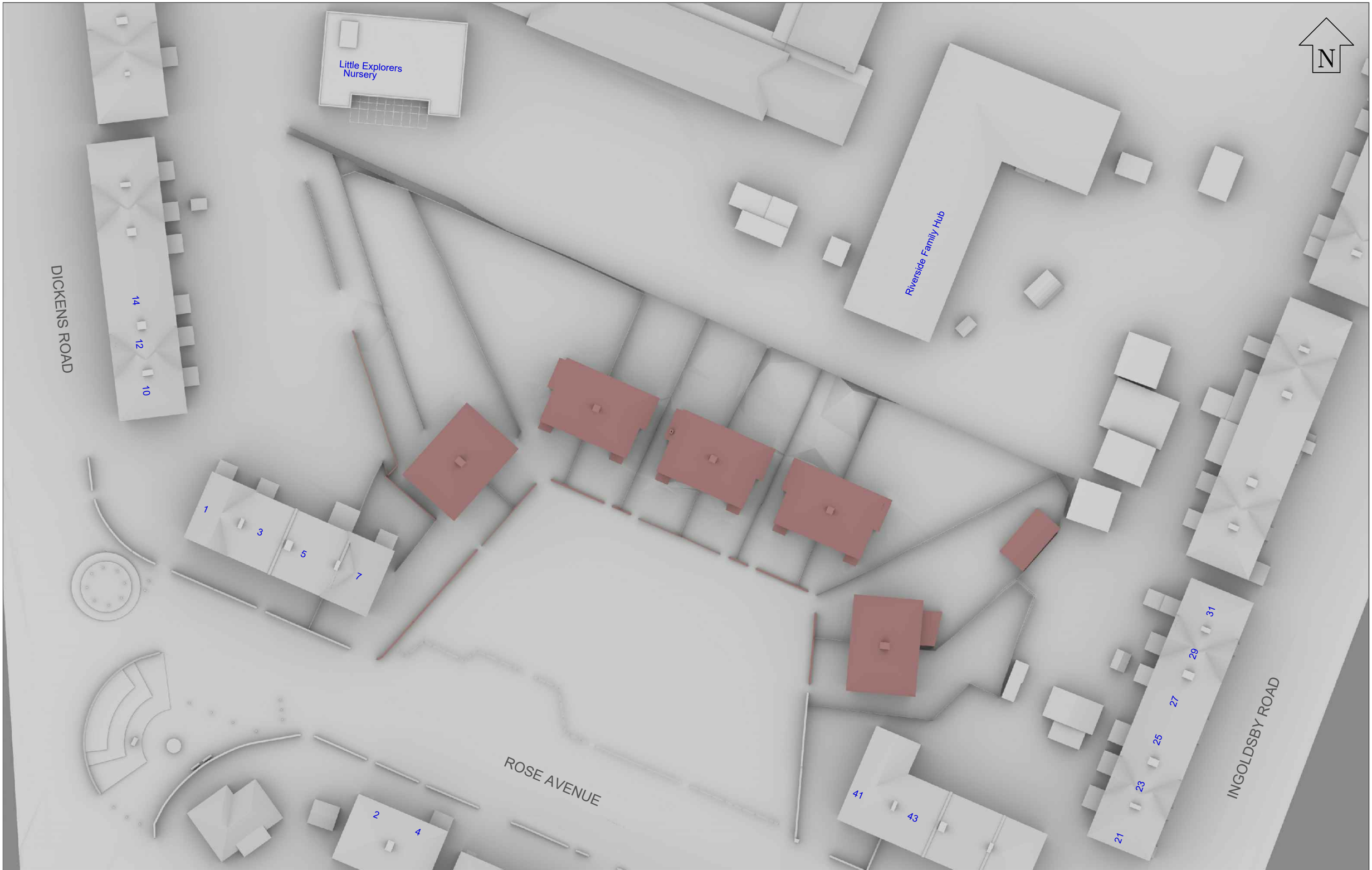
Whilst there will be an isolated borderline impact to two secondary windows, the principal window serving this room is not materially impacted will retain excellent levels of daylight. Therefore, any reductions in daylight to the room will not be material, and therefore the impact is in accordance with the BRE guidelines.

The sunlight and overshadowing impact will be small and fully compliant with the BRE guidelines.

The daylight illuminance levels within the proposed development will be very good with a high compliance rate of 86%. Furthermore, 97% of units will comply with the sun exposure guidelines.

Overall, the impact of the proposed scheme will be minimal, and the neighbouring properties will retain very good daylight and sunlight amenity.

Waterslade Ltd.



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key: Existing Buildings
Proposed Scheme

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Site Plan
Existing Buildings

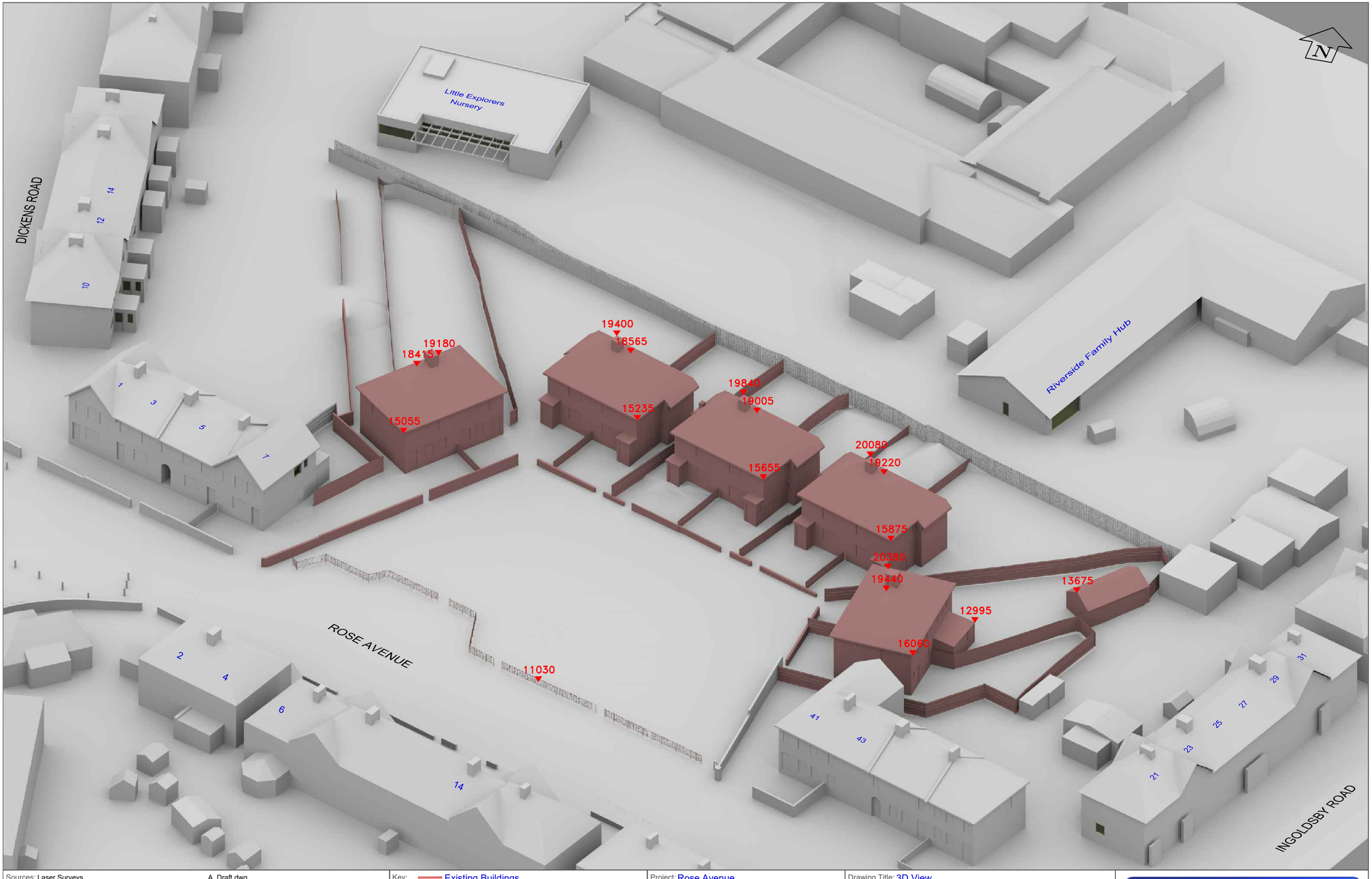
Drawn By: TP

Date: June 25

Scale: 1:400 @ A3

Drawing No: W1364_01

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

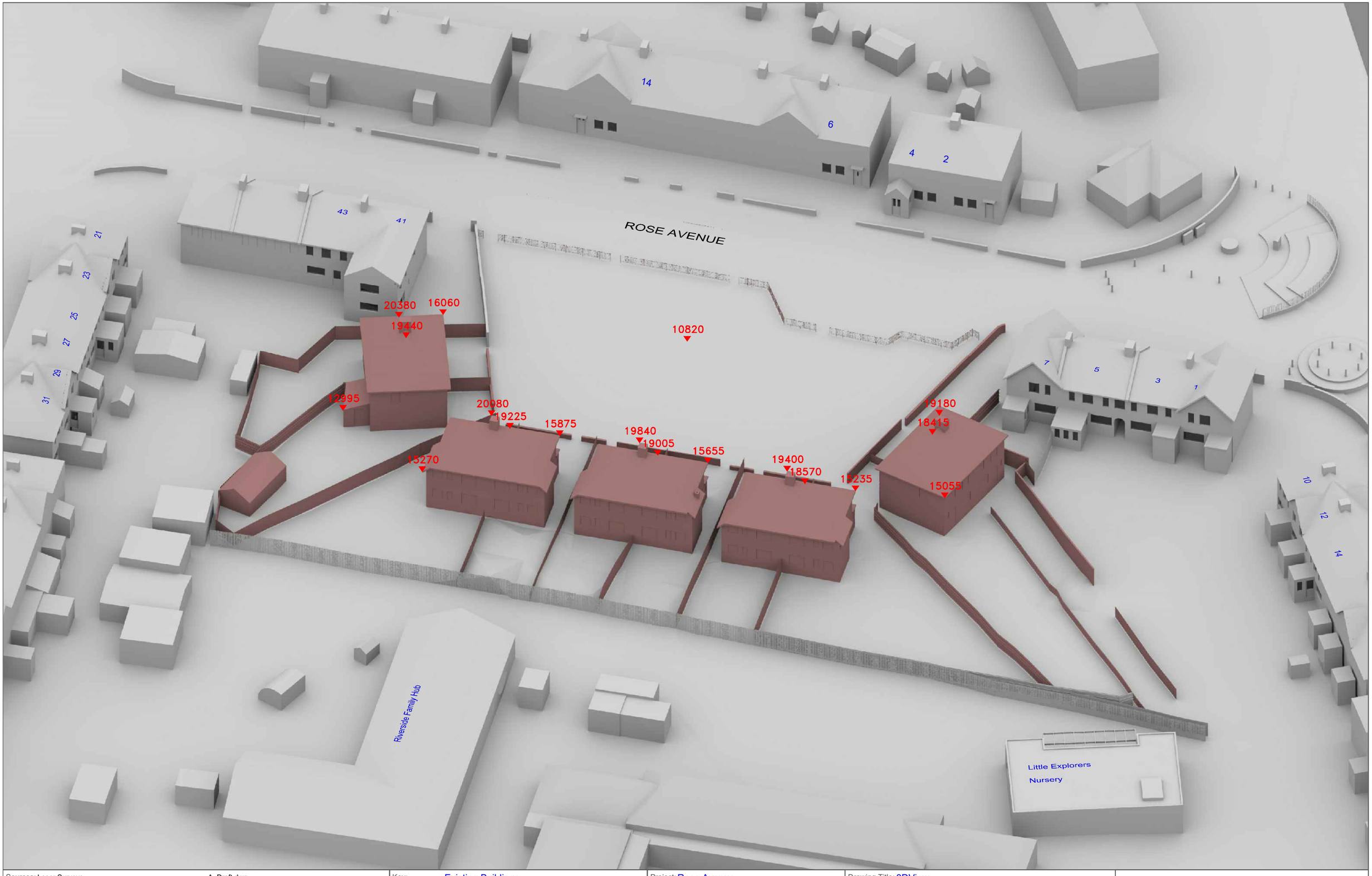
Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Rose Avenue
Gravesend
Kent

Drawing Title: 3D View
Existing Buildings

Drawn By: TP | Date: June 25 | Scale: NTS @ A3 | Drawing No: W1364_02

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Rose Avenue
Gravesend
Kent

Drawing Title: 3DView
Existing Buildings

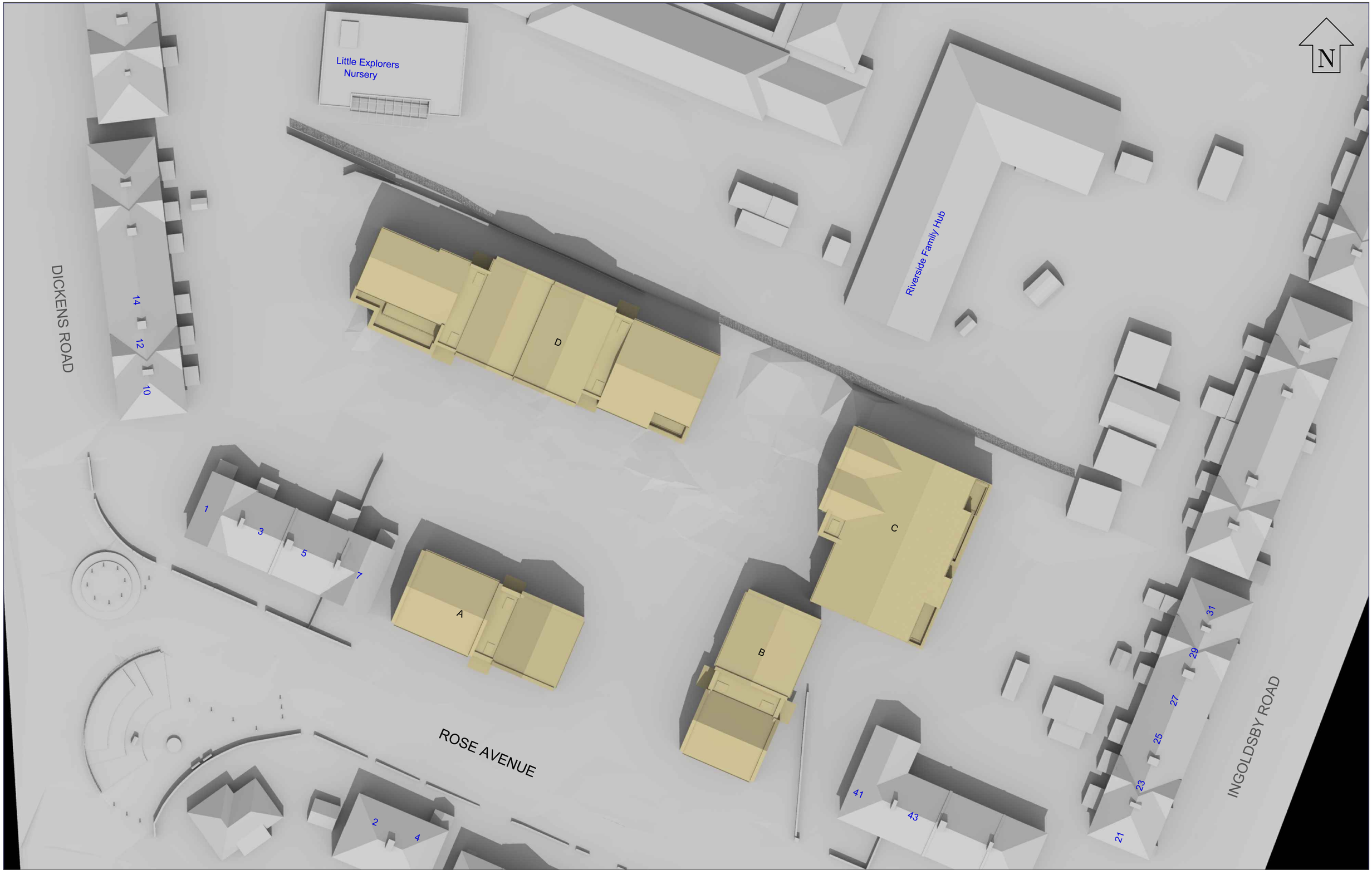
Drawn By: TP

Date: June 25

Scale: NTS @ A3

Drawing No: W1364_03

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Existing Buildings
Proposed Scheme

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Site Plan
Proposed Scheme received 03/12/25

Drawn By: TP

Date: Dec 25

Scale: 1:400 @ A3

Drawing No: W1364_07

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Rose Avenue
Gravesend
Kent

Drawing Title: 3D View
Proposed Scheme received 03/12/25

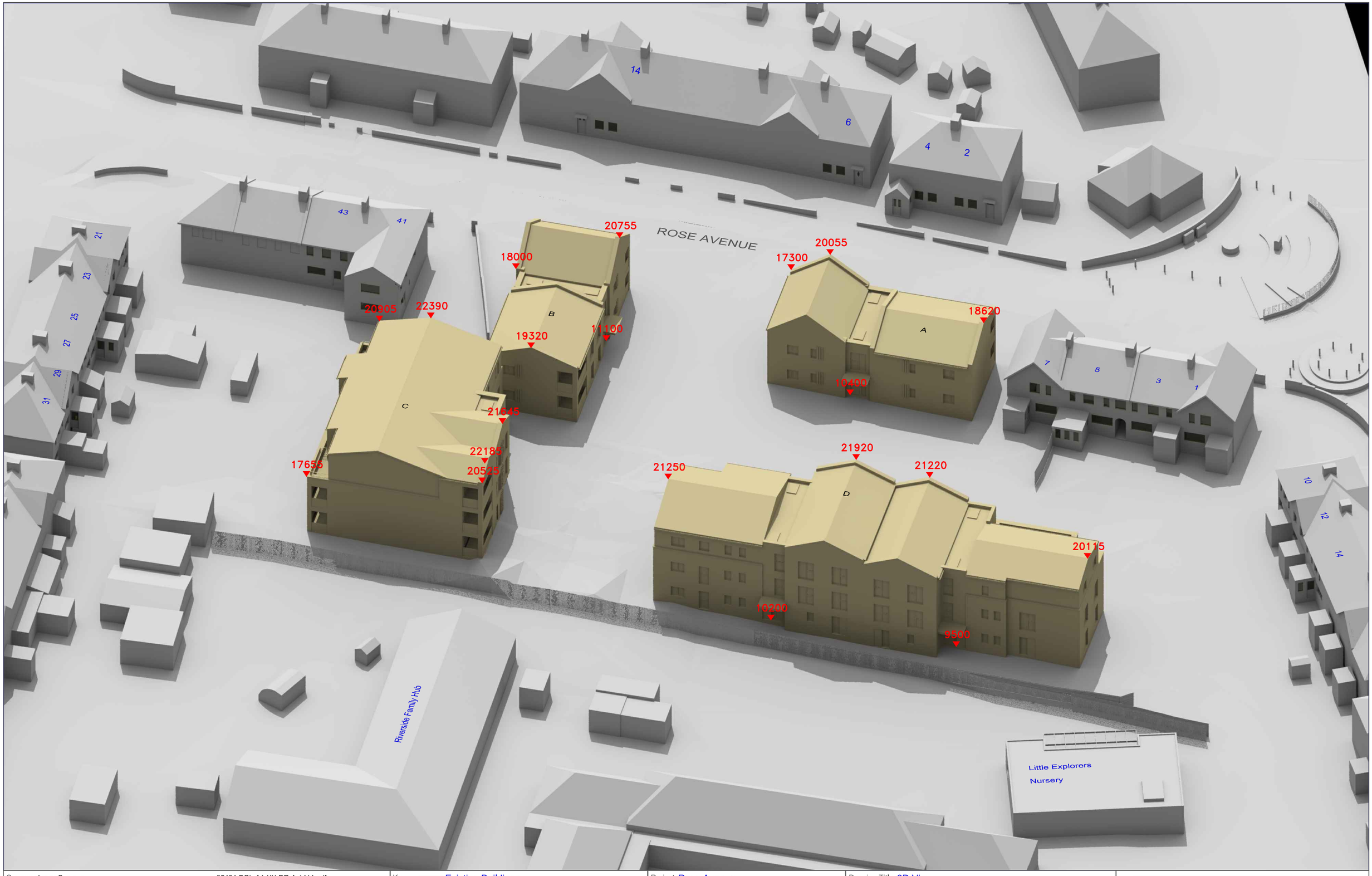
Drawn By: TP

Date: Dec 25

Scale: NTS @ A3

Drawing No: W1364_08

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT
251203.dwg

Key: Existing Buildings
Proposed Scheme
All Heights in mm AOD

Project: Rose Avenue
Gravesend
Kent

Drawing Title: 3D View
Proposed Scheme received 03/12/25

Drawn By: TP | Date: Dec 25 | Scale: NTS @ A3 | Drawing No: W1364_09

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

EXISTING

PROPOSED

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key:
- Area analysed
- Area with more than 2 hours of direct sunlight
- Area with less than 2 hours of direct sunlight
- 50% Percentage of area with more than 2 hours of direct sunlight

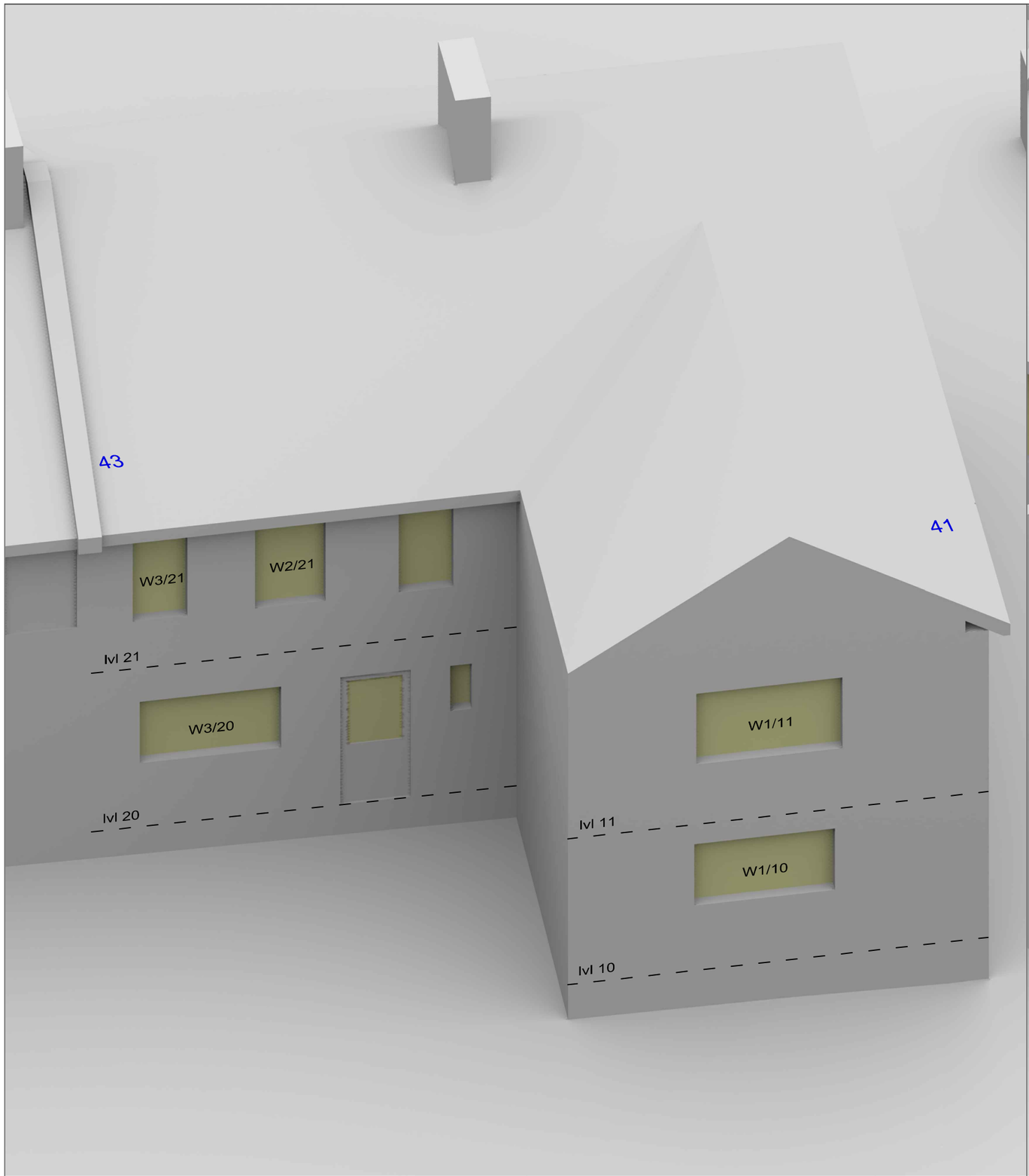
Project: Rose Avenue
Gravesend
Kent

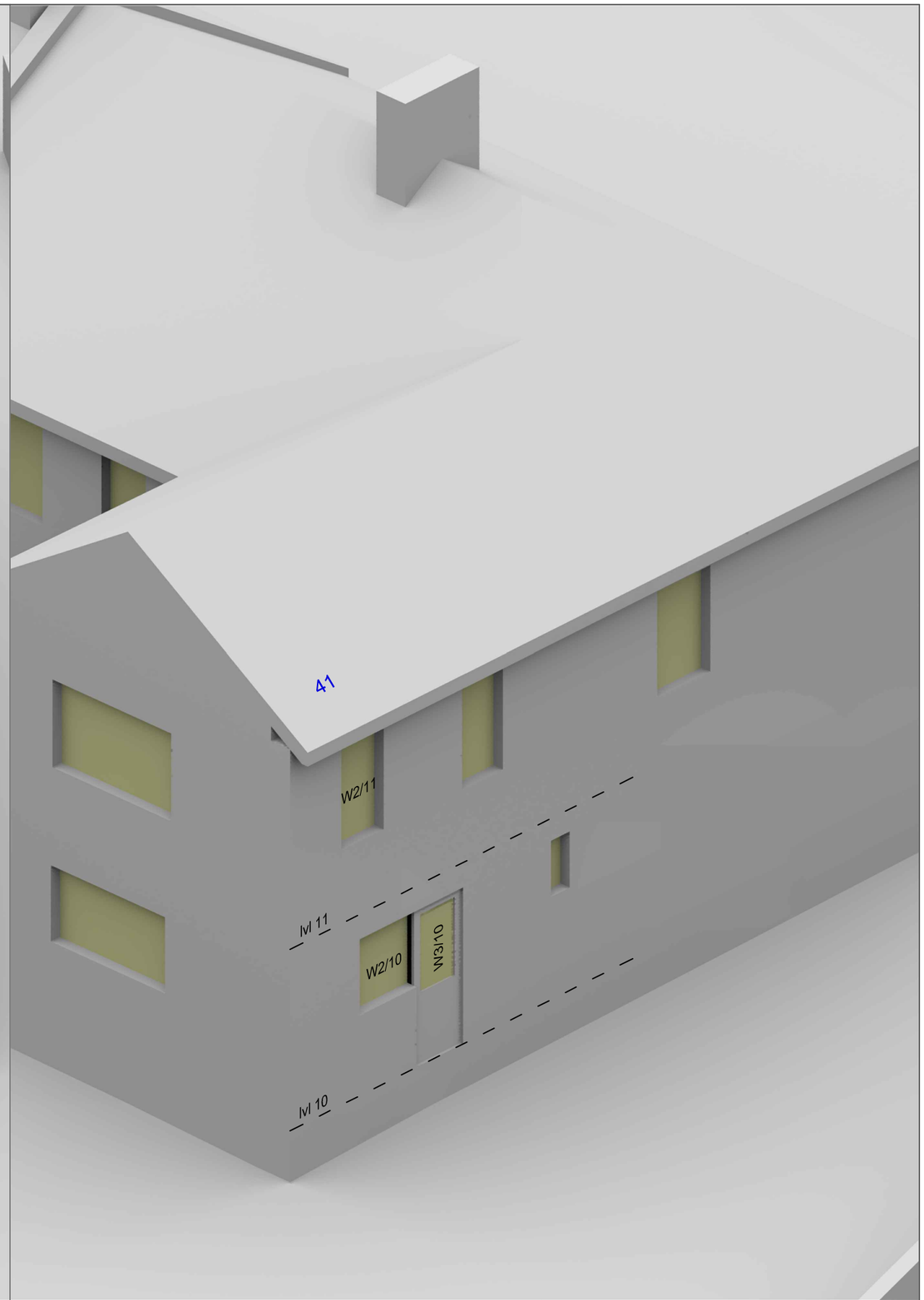
Drawing Title: BRE 2 Hour Overshadowing Assessment
March 21st

Proposed Scheme received 03/12/25

Drawn By: TP | Date: Dec 25 | Scale: NTS @ A3 | Drawing No: W1364_SHA_03

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com





Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key:

Project: Rose Avenue
Gravesend
Kent

Drawn By: TP

Date: June 25

Drawing Title: Window Locations
41-43 Rose Avenue

Scale: NTS @ A3

Drawing No: W1364_WM_01

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key:

Project: Rose Avenue
Gravesend
Kent

Drawn By: TP

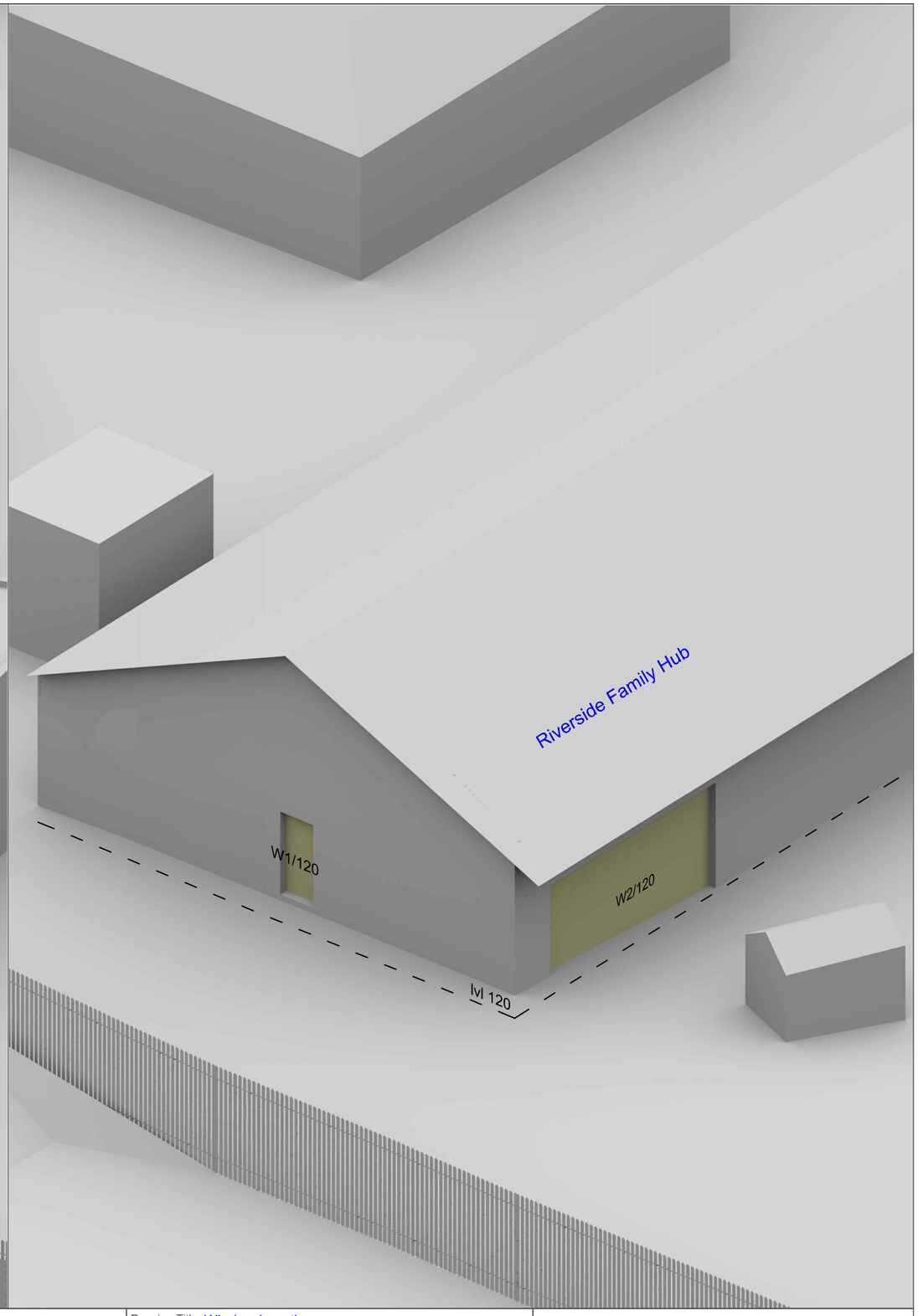
Date: June 25

Drawing Title: Window Locations
21-31 Ingoldsby Road

Scale: NTS @ A3

Drawing No: W1364_WM_02

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key:

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Window Locations
Little Explorers Nursery
Riverside Family Hub

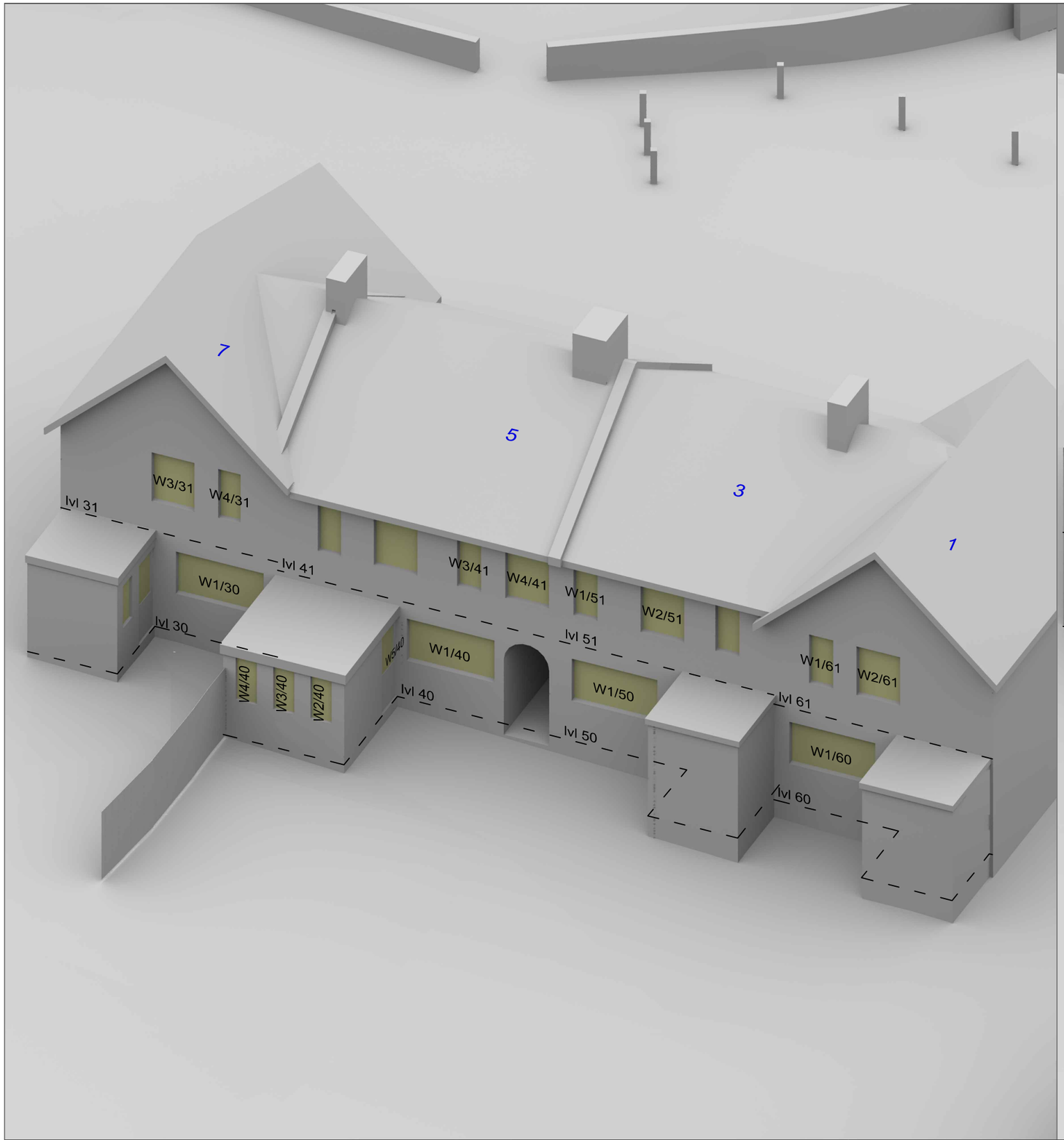
Drawn By: TP

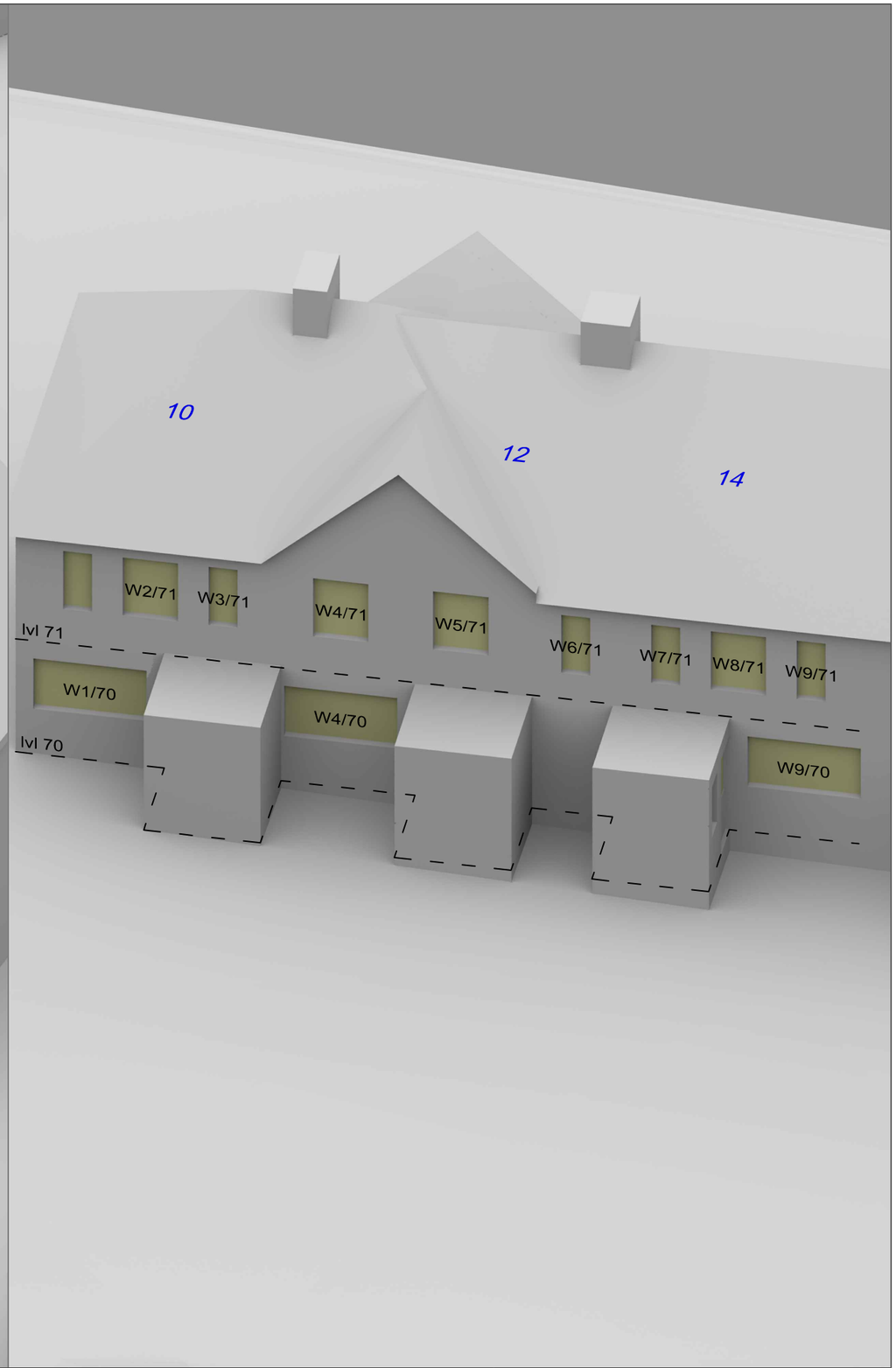
Date: June 25

Scale: NTS @ A3

Drawing No: W1364_WM_03

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com





Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 12/05/25)
35404_1101_00_Proposed Site Plan_Draft.dwg
35404_1410_00_Proposed Elveations Block A_Draft.dwg
35404_1410_00_Proposed Elveations Block B_Draft.dwg
35404_1410_00_Proposed Elveations Block C_Draft.dwg
35404_1410_00_Proposed Elveations Block D_Draft.dwg
Proposed Info (received 19/05/25)
L12419 Rose Avenue RVT2022 (1).rvt

Key:

Project: Rose Avenue
Gravesend
Kent

Drawn By: TP

Date: June 25

Drawing Title: Window Locations
1-7 Rose Avenue
10-14 Dickens Road

Scale: NTS @ A3

Drawing No: W1364_WM_04

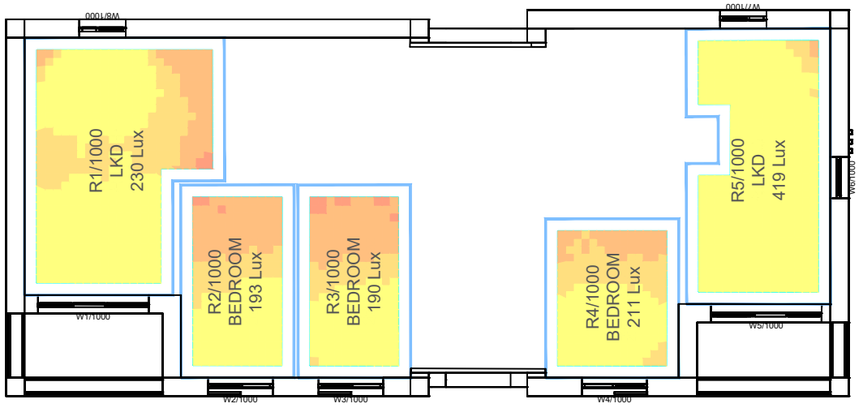
WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

Location			Vertical Sky Component (VSC)			Average Daylight Factor (ADF)				No-Sky Line (NSL)				Window	Annual Probable Sunlight Hours (APSH) (window)					Annual Probable Sunlight Hours (APSH) (room)				
			EXISTING	PROPOSED	Reduction	EXISTING		PROPOSED		Whole	EXISTING	PROPOSED	Reduction	Angle from	Aspect	EXISTING		PROPOSED		Reduction	Existing		Proposed		Reduction
Room	Room Use	Window	VSC	VSC	Factor	ADF	TOTAL	ADF	TOTAL	Room	sq ft	sq ft	Factor	South		Winter %	Annual %	Winter %	Annual %	Factor	Winter %	Annual %	Winter %	Annual %	Factor
41 Rose Avenue																									
R1/10	KITCHEN	W1/10	29.8	29.9	**1.00**	0.89		0.89		191.0	190.7	170.4	**0.89**												
R1/10	KITCHEN	W2/10	34.4	26.5	**0.77**	0.52		0.42																	
R1/10	KITCHEN	W3/10	35.0	26.5	**0.76**	0.32	1.72	0.25	1.56																
R1/11	BEDROOM	W1/11	35.0	33.1	**0.95**	1.28		1.22		165.1	164.7	164.7	**1.00**												
R1/11	BEDROOM	W2/11	34.5	29.3	**0.85**	0.52	1.80	0.46	1.68																
43 Rose Avenue																									
R3/20	KITCHEN	W3/20	32.5	30.9	**0.95**	1.31	1.31	1.26	1.26	113.1	107.5	107.5	**1.00**												
R2/21	BEDROOM	W2/21	32.5	31.2	**0.96**	0.91		0.88		96.1	94.9	94.9	**1.00**												
R2/21	BEDROOM	W3/21	33.1	31.8	**0.96**	0.69	1.59	0.66	1.54																
7 Rose Avenue																									
R1/30	ASSUMED_KITC	W1/30	28.9	27.2	**0.94**	1.55	1.55	1.47	1.47	128.3	121.7	121.6	**1.00**												
R3/31	ASSUMED_BEDI	W3/31	35.1	33.5	**0.95**	1.25		1.21		94.6	91.9	91.9	**1.00**												
R3/31	ASSUMED_BEDI	W4/31	35.2	33.3	**0.94**	0.57	1.82	0.54	1.74																
5 Rose Avenue																									
R1/40	ASSUMED_KITC	W1/40	33.2	30.3	**0.91**	1.72	1.72	1.59	1.59	128.3	120.5	120.5	**1.00**												
R2/40		W2/40	34.5	31.4	**0.91**	0.63		0.58		80.4	79.4	79.4	**1.00**												
R2/40		W3/40	33.8	31.2	**0.92**	0.62		0.57																	
R2/40		W4/40	32.4	29.7	**0.92**	0.60		0.56																	
R2/40		W5/40	18.6	18.4	**0.99**	0.53	2.38	0.53	2.24																
R2/41	ASSUMED_BEDI	W3/41	34.7	32.2	**0.93**	0.58		0.53		101.0	98.4	98.4	**1.00**												
R2/41	ASSUMED_BEDI	W4/41	34.7	32.3	**0.93**	1.16	1.74	1.09	1.62																
3 Rose Avenue																									
R1/50	ASSUMED_KITC	W1/50	34.2	31.4	**0.92**	1.69	1.69	1.57	1.57	129.6	122.5	122.5	**1.00**												
R1/51	ASSUMED_BEDI	W1/51	34.7	32.4	**0.93**	0.61		0.56		94.9	93.4	93.4	**1.00**												
R1/51	ASSUMED_BEDI	W2/51	35.1	32.8	**0.94**	1.23	1.84	1.16	1.72																
1 Rose Avenue																									
R1/60	ASSUMED_KITC	W1/60	30.8	28.8	**0.94**	1.56	1.56	1.48	1.48	129.6	116.5	116.5	**1.00**												
R1/61	ASSUMED_BEDI	W1/61	36.3	34.3	**0.94**	0.64		0.61		96.1	94.0	94.0	**1.00**												
R1/61	ASSUMED_BEDI	W2/61	36.9	35.0	**0.95**	1.33	1.97	1.26	1.87																
10 Dickens Road																									
R1/70	KITCHEN	W1/70	30.9	28.3	**0.91**	1.74	1.74	1.62	1.62	117.9	104.4	104.4	**1.00**												
R2/71	ASSUMED_BEDI	W2/71	35.5	33.2	**0.94**	1.32		1.24		94.0	92.3	92.3	**1.00**												
R2/71	ASSUMED_BEDI	W3/71	35.8	33.5	**0.93**	0.59	1.91	0.56	1.80																
12 Dickens Road																									
R4/70	ASSUMED_KITC	W4/70	28.3	25.5	**0.90**	1.62	1.62	1.49	1.49	117.9	107.7	107.7	**1.00**												
R3/71		W4/71	36.9	34.5	**0.94**	1.70	1.70	1.60	1.60	67.5	66.3	66.3	**1.00**												
R4/71		W5/71	37.1	34.7	**0.94**	1.68	1.68	1.58	1.58	69.3	68.1	68.1	**1.00**												
14 Dickens Road																									

Location			Vertical Sky Component (VSC)			Average Daylight Factor (ADF)				No-Sky Line (NSL)				Window		Annual Probable Sunlight Hours (APSH) (window)					Annual Probable Sunlight Hours (APSH) (room)				
			EXISTING	PROPOSED	Reduction	EXISTING		PROPOSED								EXISTING		PROPOSED		Reduction	Existing		Proposed		Reduction
Room	Room Use	Window	VSC	VSC	Factor	ADF	TOTAL	ADF	TOTAL	Whole Room	EXISTING sq ft	PROPOSED sq ft	Reduction Factor	Angle from South	Aspect	Winter %	Annual %	Winter %	Annual %	Factor	Winter %	Annual %	Winter %	Annual %	Factor
R7/70	ASSUMED_KITC	W9/70	33.4	30.7	**0.92**	1.85	1.85	1.72	1.72	117.9	112.6	112.6	**1.00**												
R5/71		W6/71	36.3	33.9	**0.93**	0.55		0.52		90.5	87.8	87.8	**1.00**												
R5/71		W7/71	36.3	34.0	**0.94**	0.55	1.10	0.52	1.04																
R6/71		W8/71	36.3	34.1	**0.94**	1.20		1.14		93.9	92.0	92.0	**1.00**												
R6/71		W9/71	36.4	34.3	**0.94**	0.54	1.74	0.51	1.64																
Little Explorers Nursery																									
R1/110		W7/110	34.2	32.6	**0.95**	1.49	1.49	1.44	1.44	133.3	130.8	130.8	**1.00**	85.1°E	Southerly	15	51	10	46	**0.90**	15	51	10	46	**0.90**
R2/110		W2/110	16.4	14.9	**0.91**	0.35		0.33		454.0	450.4	450.4	**1.00**	4.9°W	Southerly	11	38	10	37	**0.97**					
R2/110		W3/110	18.5	16.9	**0.91**	0.37		0.35						4.9°W	Southerly	13	47	11	45	**0.96**					
R2/110		W4/110	18.6	16.6	**0.89**	0.37		0.35						4.9°W	Southerly	12	46	8	42	**0.91**					
R2/110		W5/110	18.6	16.4	**0.88**	0.37		0.34						4.9°W	Southerly	11	42	8	39	**0.93**					
R2/110		W6/110	16.4	14.3	**0.87**	0.35	1.82	0.32	1.69					4.9°W	Southerly	12	33	9	30	**0.91**	17	62	14	59	**0.95**
R3/110		W1/110	34.6	30.8	**0.89**	4.84	4.84	4.40	4.40	60.9	59.6	59.6	**1.00**	4.9°W	Southerly	25	81	19	75	**0.93**	25	81	19	75	**0.93**
21 Ingoldsby Road																									
R1/80	ASSUMED_KITC	W1/80	27.8	27.4	**0.98**	1.59		1.58		117.9	117.8	117.8	**1.00**	112.1°W	Northerly	7	29	7	29	**1.00**					
R1/80	ASSUMED_KITC	W2/80	35.0	35.0	**1.00**	0.91	2.50	0.91	2.49					22.1°W	Southerly	27	75	27	75	**1.00**	27	78	27	78	**1.00**
R2/81	ASSUMED_BEDI	W2/81	34.6	33.6	**0.97**	1.27		1.24		94.0	92.3	92.3	**1.00**												
R2/81	ASSUMED_BEDI	W3/81	35.0	33.9	**0.97**	0.58	1.85	0.56	1.81																
23 Ingoldsby Road																									
R4/90	ASSUMED_KITC	W1/90	22.4	22.0	**0.98**	1.14	1.14	1.13	1.13	117.9	102.9	102.9	**1.00**												
R3/91		W4/91	36.1	35.0	**0.97**	1.77	1.77	1.72	1.72	67.5	66.3	66.3	**1.00**												
R4/91		W5/91	36.5	35.2	**0.97**	1.76	1.76	1.70	1.70	69.3	68.1	68.1	**1.00**												
25 Ingoldsby Road																									
R7/90	ASSUMED_KITC	W2/90	32.0	30.2	**0.94**	1.71	1.71	1.63	1.63	111.9	105.7	105.7	**1.00**												
R5/91		W6/91	35.8	34.4	**0.96**	0.58		0.56		90.5	87.8	87.8	**1.00**												
R5/91		W7/91	35.9	34.4	**0.96**	0.59	1.17	0.56	1.12																
R6/91		W8/91	36.1	34.4	**0.95**	1.35		1.29		86.7	85.8	85.8	**1.00**												
R6/91		W9/91	36.2	34.5	**0.95**	0.61	1.95	0.58	1.87																
27 Ingoldsby Road																									
R1/90	ASSUMED_KITC	W3/90	32.9	30.9	**0.94**	1.74	1.74	1.65	1.65	111.9	105.7	105.7	**1.00**												
R1/91		W1/91	36.4	34.6	**0.95**	0.61		0.58		86.7	85.8	85.8	**1.00**												
R1/91		W2/91	36.5	34.6	**0.95**	1.36	1.97	1.29	1.87																
R2/91		W3/91	36.6	34.7	**0.95**	0.60		0.56		90.5	87.8	87.8	**1.00**												
R2/91		W10/91	36.8	34.9	**0.95**	0.60	1.19	0.56	1.13																
29 Ingoldsby Road																									
R5/90	ASSUMED_KITC	W6/90	33.3	31.2	**0.94**	1.55	1.55	1.46	1.46	117.9	110.2	110.2	**1.00**												
R7/91		W11/91	37.8	35.9	**0.95**	1.64	1.64	1.56	1.56	67.5	66.4	66.4	**1.00**												
R8/91		W12/91	38.0	36.1	**0.95**	1.62	1.62	1.54	1.54	69.3	68.1	68.1	**1.00**												
31 Ingoldsby Road																									

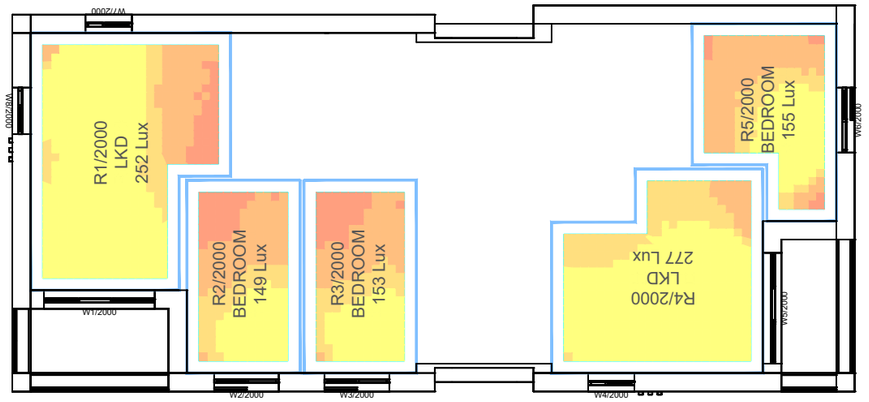
Location			Vertical Sky Component (VSC)			Average Daylight Factor (ADF)				No-Sky Line (NSL)				Window		Annual Probable Sunlight Hours (APSH) (window)					Annual Probable Sunlight Hours (APSH) (room)				
			EXISTING	PROPOSED	Reduction	EXISTING		PROPOSED		Whole	EXISTING	PROPOSED	Reduction	Angle from	Aspect	EXISTING		PROPOSED		Reduction	Existing		Proposed		Reduction
Room	Room Use	Window	VSC	VSC	Factor	ADF	TOTAL	ADF	TOTAL	Room	sq ft	sq ft	Factor	South		Winter %	Annual %	Winter %	Annual %	Factor	Winter %	Annual %	Winter %	Annual %	Factor
R1/100	ASSUMED_KITC	W1/100	32.2	30.3	**0.94**	1.97	1.97	1.88	1.88	105.2	97.0	97.0	**1.00**												
R1/101	ASSUMED_BEDI	W1/101	37.1	35.2	**0.95**	0.69		0.65		78.8	78.3	78.3	**1.00**												
R1/101	ASSUMED_BEDI	W2/101	36.9	35.0	**0.95**	1.53	2.22	1.46	2.11																
Riverside Family Hub																									
R1/120	NURSERY	W1/120	31.8	25.8	**0.81**	0.24		0.20		389.0	388.4	388.9	**1.00**	21.9°W	Southerly	22	75	11	61	**0.81**					
R1/120	NURSERY	W2/120	30.3	28.7	**0.95**	1.94	2.17	1.86	2.06					68.1°E	Southerly	17	51	9	43	**0.84**	24	93	15	81	**0.87**
2 Rose Avenue																									
R2/130		W2/130	36.0	32.9	**0.92**	0.87		0.80		109.9	107.6	107.6	**1.00**												
R2/130		W3/130	36.2	33.0	**0.91**	0.87	1.74	0.80	1.60																
4 Rose Avenue																									
R3/130		W4/130	34.7	31.7	**0.91**	0.88		0.82		105.0	102.7	102.7	**1.00**												
R3/130		W5/130	28.1	25.6	**0.91**	0.76	1.64	0.71	1.52																
6 Rose Avenue																									
R2/140		W1/140	36.1	33.6	**0.93**	0.89		0.83		109.1	106.9	106.9	**1.00**												
R2/140		W2/140	36.6	34.1	**0.93**	0.89	1.77	0.83	1.66																
14 Rose Avenue																									
R1/150		W1/150	36.6	34.2	**0.93**	0.79		0.74		126.0	122.0	122.0	**1.00**												
R1/150		W2/150	36.2	33.8	**0.93**	0.79	1.57	0.74	1.48																

Block A

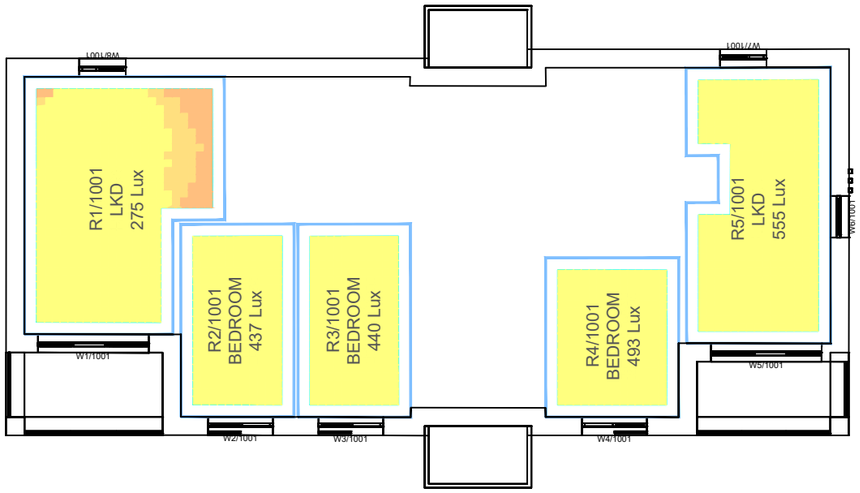


Ground Floor

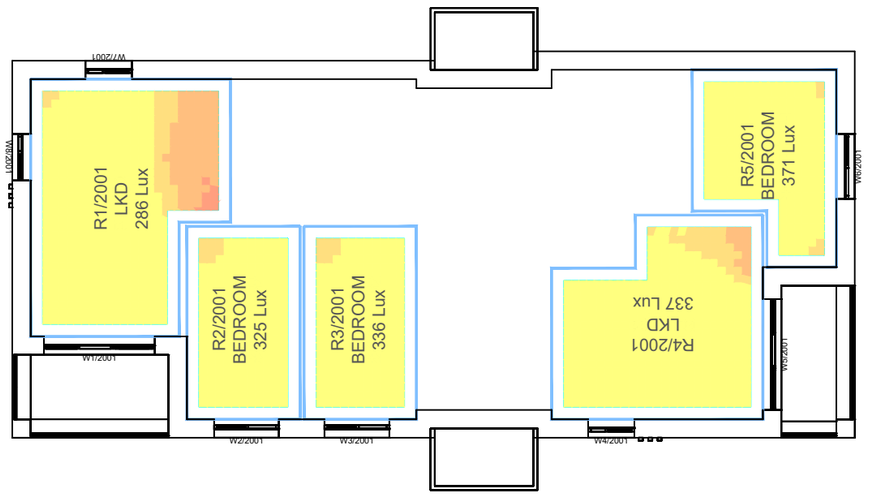
Block B



Ground Floor



First Floor



First Floor

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Daylight Illuminance
(achieved for 50% of daylight hours)

- <50 Lux
- >50 Lux
- >100 Lux
- >150 Lux
- >200 Lux

Median Illuminance (Lux) Levels shown for each room.

Recommended Targets:

Bedroom	100 Lux
Living Room	150 Lux
Kitchen	200 Lux

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Climate Based Daylight Modelling (CBDM)
Assessment Median Illuminance (Lux) Levels

Proposed Scheme received 03/12/25
Blocks A & B

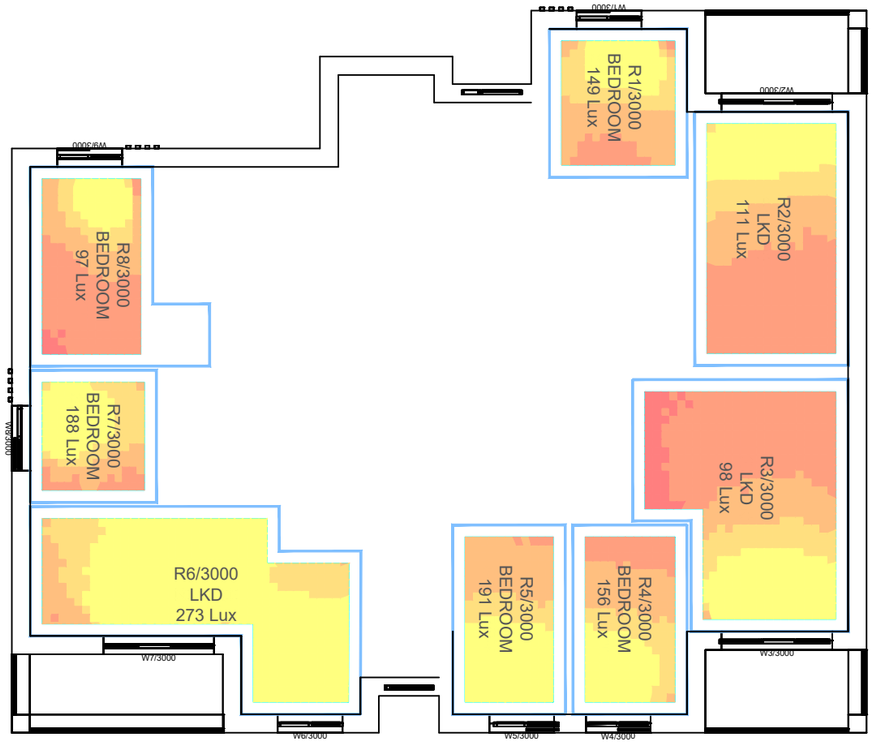
Drawn By: TP

Date: Dec 25

Scale: 1:150 @ A3

Drawing No: W1364_CBDM_09

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Ground Floor

Second Floor

First Floor

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Daylight Illuminance
(achieved for 50% of daylight hours)

- <50 Lux
- >50 Lux
- >100 Lux
- >150 Lux
- >200 Lux

Median Illuminance (Lux) Levels shown for each room.

Recommended Targets:

Bedroom	100 Lux
Living Room	150 Lux
Kitchen	200 Lux

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Climate Based Daylight Modelling (CBDM)
Assessment Median Illuminance (Lux) Levels

Proposed Scheme received 03/12/25
Block C

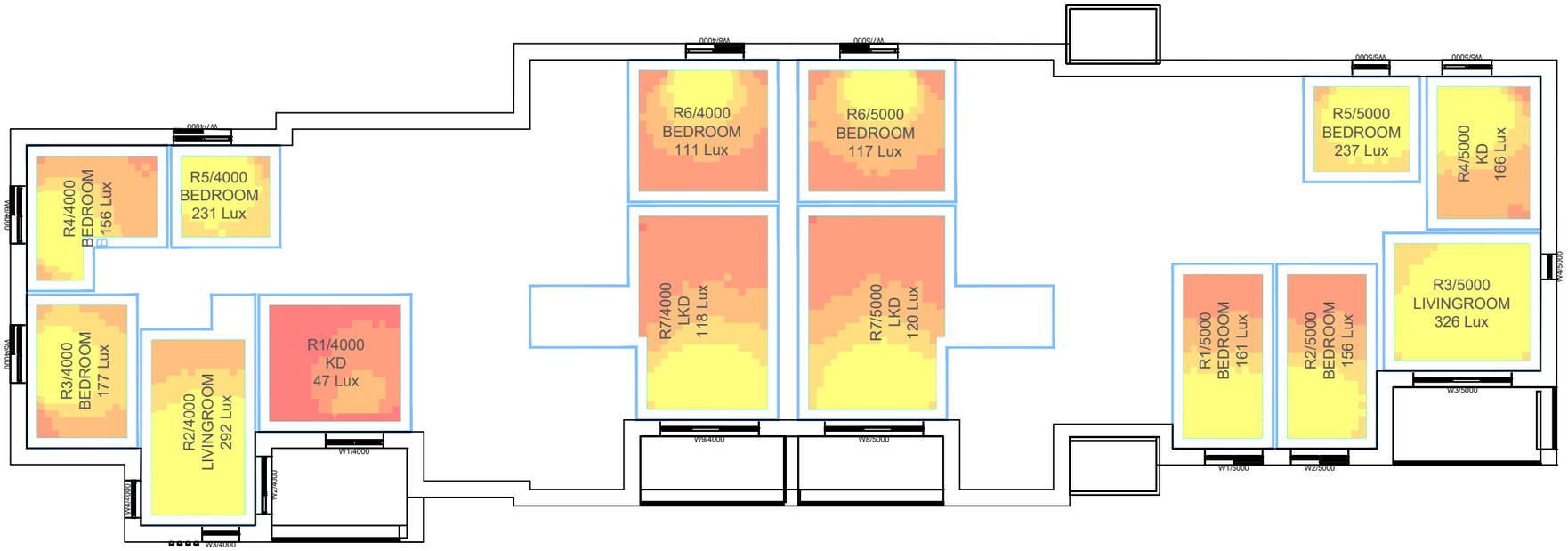
Drawn By: TP

Date: Dec 25

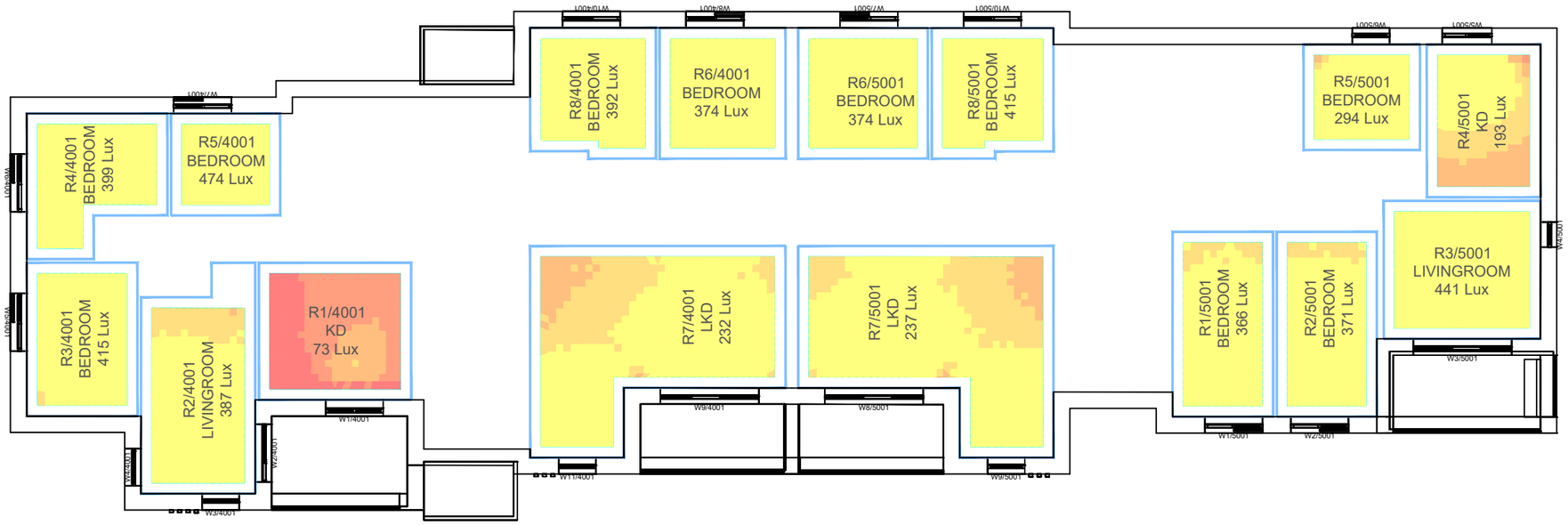
Scale: 1:150 @ A3

Drawing No: W1364_CBDM_10

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com



Ground Floor



First Floor

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Daylight Illuminance
(achieved for 50% of daylight hours)

- <50 Lux
- >50 Lux
- >100 Lux
- >150 Lux
- >200 Lux

Median Illuminance (Lux) Levels shown for each room.

Recommended Targets:

Bedroom	100 Lux
Living Room	150 Lux
Kitchen	200 Lux

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Climate Based Daylight Modelling (CBDM)
Assessment Median Illuminance (Lux) Levels

Proposed Scheme received 03/12/25
Block D

Drawn By: TP | Date: Dec 25 | Scale: 1:150 @ A3 | Drawing No: W1364_CBDM_11

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

Second Floor

Sources: Laser Surveys
Survey Info (received 16/05.25)
L12419 - ROSE AVENUE, DA12 2LN.dwg
L12419-1.dwg
L12419-2.dwg

Baily Garner
Proposed Info (received 29/07/25)
35404-BGL-A1-XX-DR-A-1101.pdf
35404-BGL-A1-XX-DR-A-1410.pdf
35404-BGL-A1-XX-DR-A-1411.pdf
35404-BGL-A1-XX-DR-A-1412.pdf
35404-BGL-A1-XX-DR-A-1413.pdf
Proposed Info (received 29/07/25)
35404-BGL-ZZ-ZZ-M3-A-00001.dwg
Proposed Info (received 03/12/25)
35404-BGL-ZZ-ZZ-M3-A-00001 DRAFT 251203.dwg

Key: Daylight Illuminance
(achieved for 50% of daylight hours)

- <50 Lux
- >50 Lux
- >100 Lux
- >150 Lux
- >200 Lux

Median Illuminance (Lux) Levels shown for each room.

Recommended Targets:
Bedroom 100 Lux
Living Room 150 Lux
Kitchen 200 Lux

Project: Rose Avenue
Gravesend
Kent

Drawing Title: Climate Based Daylight Modelling (CBDM)
Assessment Median Illuminance (Lux) Levels

Proposed Scheme received 03/12/25
Block D

Drawn By: TP

Date: Dec 25

Scale: 1:150 @ A3

Drawing No: W1364_CBDM_12

WATERSLADE
7 Oasis Park,
Eynsham, Oxford,
OX29 4TP
t: 01865 881882
f: 01865 881891
@: www.waterslade.com

SUNLIGHT EXPOSURE ANALYSIS

ROSE AVENUE, GRAVSESEND, KENT

PROPOSED SCHEME RECEIVED 03/12/25

Unit	Room	Room Use	Date	Sunlight Exposure (Hours)	Unit Complies?
Block A					
F1/1000	R1/1000	LKD	02-Feb	4.9	✓
	R2/1000	BEDROOM	16-Feb	5.9	
	R3/1000	BEDROOM	13-Feb	6.0	
F2/1000	R4/1000	BEDROOM	20-Feb	5.8	✓
	R5/1000	LKD	16-Feb	7.1	
F1/1001	R1/1001	LKD	02-Feb	4.9	✓
	R2/1001	BEDROOM	11-Mar	7.8	
	R3/1001	BEDROOM	11-Mar	7.8	
F2/1001	R4/1001	BEDROOM	11-Mar	7.8	✓
	R5/1001	LKD	07-Feb	7.3	
					100.0%
Block B					
F1/2000	R1/2000	LKD	21-Mar	4.2	✓
	R2/2000	BEDROOM	17-Mar	0.4	
	R3/2000	BEDROOM	13-Mar	0.9	
F2/2000	R4/2000	LKD	07-Mar	4.9	✓
	R5/2000	BEDROOM	08-Mar	5.4	
F1/2001	R1/2001	LKD	21-Mar	4.6	✓
	R2/2001	BEDROOM	18-Mar	1.9	
	R3/2001	BEDROOM	10-Mar	2.3	
F2/2001	R4/2001	LKD	25-Feb	5.7	✓
	R5/2001	BEDROOM	18-Mar	7.7	
					100.0%
Block C					
F1/3000	R1/3000	BEDROOM	21-Mar	0.8	✗
	R2/3000	LKD	21-Mar	0.8	
F2/3000	R3/3000	LKD	08-Mar	2.8	✓
	R4/3000	BEDROOM	21-Mar	3.8	
	R5/3000	BEDROOM	21-Mar	3.3	
F3/3000	R6/3000	LKD	20-Mar	3.9	✓
	R7/3000	BEDROOM	21-Mar	3.8	
	R8/3000	BEDROOM	21-Mar	0.0	

SUNLIGHT EXPOSURE ANALYSIS

ROSE AVENUE, GRAVSESEND, KENT
PROPOSED SCHEME RECEIVED 03/12/25

Unit	Room	Room Use	Date	Sunlight Exposure (Hours)	Unit Complies?
F1/3001	R1/3001	BEDROOM	21-Mar	2.8	✓
	R2/3001	LKD	21-Mar	1.0	
	R9/3001	BEDROOM	21-Mar	2.7	
F2/3001	R3/3001	LKD	10-Mar	3.3	✓
	R4/3001	BEDROOM	21-Mar	5.3	
	R5/3001	BEDROOM	21-Mar	5.4	
F3/3001	R6/3001	LKD	20-Mar	4.7	✓
	R7/3001	BEDROOM	21-Mar	6.1	
	R8/3001	BEDROOM	21-Mar	0.0	
	R10/3001	BEDROOM	21-Mar	2.0	
F1/3002	R1/3002	BEDROOM	21-Mar	2.8	✓
	R2/3002	LKD	21-Mar	1.0	
	R9/3002	BEDROOM	21-Mar	2.9	
F2/3002	R3/3002	LKD	21-Mar	5.1	✓
	R4/3002	BEDROOM	21-Mar	5.9	
	R5/3002	BEDROOM	21-Mar	6.0	
F3/3002	R6/3002	LKD	21-Mar	6.5	✓
	R7/3002	BEDROOM	21-Mar	8.1	
	R8/3002	BEDROOM	21-Mar	3.3	
	R10/3002	BEDROOM	21-Mar	3.3	
					88.9%
Block D					
F1/4000	R1/4000	KD	01-Feb	1.8	✓
	R2/4000	LIVINGROOM	15-Feb	7.9	
	R3/4000	BEDROOM	21-Mar	0.3	
	R4/4000	BEDROOM	21-Mar	0.3	
	R5/4000	BEDROOM	21-Mar	0.0	
F2/4000	R6/4000	BEDROOM	21-Mar	0.0	✓
	R7/4000	LKD	19-Feb	4.9	
F1/4001	R1/4001	KD	01-Feb	2.8	✓
	R2/4001	LIVINGROOM	22-Feb	7.9	
	R3/4001	BEDROOM	21-Mar	2.3	
	R4/4001	BEDROOM	21-Mar	2.3	
	R5/4001	BEDROOM	21-Mar	0.0	
F2/4001	R6/4001	BEDROOM	21-Mar	0.0	✓
	R7/4001	LKD	20-Feb	6.7	

SUNLIGHT EXPOSURE ANALYSIS

ROSE AVENUE, GRAVSESEND, KENT

PROPOSED SCHEME RECEIVED 03/12/25

Unit	Room	Room Use	Date	Sunlight Exposure (Hours)	Unit Complies?
	R8/4001	BEDROOM	21-Mar	0.0	
F1/4002	R1/4002	BEDROOM	20-Mar	6.8	✓
	R2/4002	LKD	21-Mar	9.0	
	R3/4002	BEDROOM	21-Mar	3.1	
F2/4002	R6/4002	BEDROOM	21-Mar	0.0	✓
	R7/4002	LKD	20-Feb	6.7	
	R8/4002	BEDROOM	21-Mar	0.0	
F1/5000	R1/5000	BEDROOM	04-Mar	5.5	✓
	R2/5000	BEDROOM	04-Mar	5.5	
	R3/5000	LIVINGROOM	16-Feb	5.2	
	R4/5000	KD	21-Mar	0.0	
	R5/5000	BEDROOM	21-Mar	0.0	
F2/5000	R6/5000	BEDROOM	21-Mar	0.0	✓
	R7/5000	LKD	21-Feb	5.0	
F1/5001	R1/5001	BEDROOM	11-Mar	7.8	✓
	R2/5001	BEDROOM	14-Mar	7.8	
	R3/5001	LIVINGROOM	15-Feb	6.6	
	R4/5001	KD	21-Mar	0.0	
	R5/5001	BEDROOM	21-Mar	0.0	
F2/5001	R6/5001	BEDROOM	21-Mar	0.0	✓
	R7/5001	LKD	01-Mar	6.4	
	R8/5001	BEDROOM	21-Mar	0.0	
F1/5002	R1/5002	BEDROOM	20-Mar	8.4	✓
	R2/5002	BEDROOM	20-Mar	8.4	
	R3/5002	LIVINGROOM	21-Mar	9.8	
	R4/5002	KD	21-Mar	0.0	
	R5/5002	BEDROOM	21-Mar	0.0	
F2/5002	R6/5002	BEDROOM	21-Mar	0.0	✓
	R7/5002	LKD	20-Feb	6.7	
	R8/5002	BEDROOM	21-Mar	0.0	
					100.0%
					96.6%