MAX FORDHAM

Dublin City Housing

St Andrew's Court - Part 8 DSO Assessment

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1.0 METRICS, TERMINOLOGY AND METHODOLOGY

Introduction

In line with Dublin City Development Plan 2022-2028, this report uses the document *''Site layout for daylight and sunlight: a good practice guide''* (3rd edition), published by the Building Research Establishment (BRE) as a basis for examining the daylight, sunlight, and overshadowing performance of the proposed residential development at St Andrew's Court (SAC), Dublin.

The numerical targets contained within the BRE Guide are, as the Guide states, *"purely advisory and different targets may be used based on the special requirements of the proposed development or its location"*. This assessment divides into two parts:

- Impact on the surroundings
- Performance of the proposed accommodation

Case Specific Considerations

In this case, the neighbouring site to St Andrew's Court (SAC) has had planning permission granted for a residential development by Gold Run Properties Ltd of 9 floors, planning reference 3164/23. In this report it will be referred to as the GRP consented scheme (to differentiate it from the proposed development of SAC). This development consists of three blocks, two residential (blocks 1 and 3) and one non-residential (block 2).

Because of this development, extra analysis has been required to consider the total impact of the proposed development(s) on the surroundings. As it is very likely, but not guaranteed, that this scheme will be built several comparative testing scenarios have been examined, as listed below. The BRE procedure requires each test to compare a baseline condition to a future proposed scenario.

- **Test 1** – Comparison of a baseline of surroundings as currently exists (no GRP consented scheme or SAC) with a proposed scenario of the addition of just SAC. This gives the impact of SAC on the existing surroundings as they are currently.
- **Test 2** – Comparison of a baseline which includes the GRP consented scheme with a proposed scenario which has the addition of St Andrew's Court. This gives the impact of SAC on all the surroundings including the impact on the GRP development.
- **Test 3** - Comparison of a baseline of current surroundings with a proposed scenario where both the GRP consented scheme and SAC development have been added. This gives the total impact that is likely to happen to the surrounding properties after **both** developments are built. However, given that it is quantifying the impact of the two developments together it will not be used to determine if a location is compliant with the BRE guidelines.
- **Test 4** – As per Test 1 but with the removal of balconies. Only for surroundings with overhang shading covering key windows.
- **Test 5** – As per Test 2 but with the removal of balconies. Only for surroundings with overhang shading covering key windows.
- **Test 6** – Mirror test (for GRP consented scheme). Comparison of a baseline of current buildings and the GRP consented scheme with a proposed scenario of the building under test being constructed on the SAC site.

1.1 Assessment Criteria

There are four elements to this part of the assessment, as below, which are further described in the following sections:

- Daylight impact analysis of neighbouring buildings: Vertical Sky Component (VSC) and No-Sky Line (NSL)
- Sunlight impact analysis of neighbouring buildings: Annual Probable Sunlight Hours and Winter Probable Sunlight Hours (APSH and WPSH)
- Sunlight impact to surrounding amenity areas (sunlight hours on March 21st)

This report also conveys the results of tests of the proposed building's performance using the following criteria:

- Target Illuminance,
- Sunlight Levels and
- Sunlight on Surrounding Amenity

1.2 Vertical Sky Component (VSC)

In designing a new development, it is important to safeguard the daylight to nearby buildings. To assess this, the BRE Guide recommends using the Vertical Sky Component (VSC) as a metric, comparing existing values for nearby windows with proposed values with the proposed building in place.

The VSC indicates the degree of daylight availability on a vertical surface and is expressed as a percentage, with 40% being the maximum. It represents the extent to which skylight from an overcast sky is able to reach a window as a proportion of the whole sky hemisphere. In suburban areas, the recommended minimum is 27%, any change below this should be limited to 0.8 of the existing value.

The BRE Guide states, *"Although the BRE guide 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."*

The following paragraph is from the BRE Guide; it describes how the 27% target is derived:

"If we consider a theoretical road with two storey terraced houses on either side, twelve metres apart. Assuming the houses have windows at ground and first floor level, and a pitched roof with a central ridge, then a reference point could be taken at the centre of a ground floor window of one of the properties. From this point if a line was drawn to the central ridge of the property on the other side of the road the angle of this line would equate to 25 degrees…. this equates to an equivalent vertical sky component of 27%."

It can be appreciated that in a city, this kind of urban form is impractical. The BRE Guide gives planning authorities the option of setting alternative targets for locations where these numerical targets may not be appropriate.

A VSC of 15% is mentioned in the BRE Guide as minimum for large windows, above which, daylight availability is likely to be adequate; 27% is the equivalent for average window sizes.

15% VSC has also been used as a benchmark for urban regeneration areas in other urban contexts. Comments by Greater London Authority (GLA) in the context of a planning appeal have been used as guidance on urban sites in London. The GLA report presented 20% VSC in the proposed case as "reasonably good" and mid-teens VSCs to be "acceptable" on such sites.

Due to the high density of the surrounding buildings, this report refers to both the 27% and the alternative 15% VSC target. We believe that many windows will be able to pass the standard target but there will be several windows where this is not feasible, and therefore comparison is made with the lower benchmark.

If a window passes the standard test (27% target), then by default it will also pass the alternative test (15% target), and hence results are effectively given in a cumulative fashion.

Calculation Limits
Due to the stochastic nature of the test, there is a slight variation in the results between different runs of the VSC calculation. Therefore, a window that has a reduction factor within ±0.005 of the limit of 0.80 is categorised as marginal. These windows can be examined on a case-by-case basis if necessary.

Weighted VSC Calculation
For rooms with multiple windows that provide light to a similar area of the room (<5m separation), an overall VSC for the room may be obtained by calculating an area weighted average of the individual VSC values for each window. The test is then carried out as before, looking at both the final VSC result and the reduction factor from the baseline scenario.

Sensitive Window Testing – Balcony Removal
Windows with balconies above them are oversensitive as the balcony blocks the brightest part of the sky. The BRE Guide recommends testing such windows with and without the balcony to see only the effect of the new building.

Mirror Test
If a building has windows very close to its boundary, one way of determining if it is being a considerate neighbour is to ascertain the effect that the building would have on itself if it were to be built on the proposed neighbouring site. This can provide guideline VSC values that can be compared to the VSC values obtained with the proposed development in place.

1.3 No-Sky Line (NSL)

The BRE Guide recommends use of the No-Sky Line (NSL) metric to assess daylight distribution within the rooms of surrounding buildings. The NSL divides areas of the working plane which can “see” the sky from those which cannot. The working plane is placed at 850mm above the floor. The BRE Guide states that NSLs should only be assessed where room layouts are known as inaccuracies are likely to arise if estimated layouts are used. The recommendation is for the area of the room which can “see” the sky with the proposal in place to be no smaller than 0.8 of the existing value.

1.4 Probable Sunlight Hours (APSH/WPSH)

APSH and WPSH (Annual and Winter Probable Sunlight Hours) measure the percentage of sunlight hours a window is likely to receive for a year or for the winter months between 21st September and 21st March. The recommendation for a room to appear adequately sunlit is for it to receive 25% of annual probable sunlight hours, including at least 5% of winter probable sunlight hours. It is recommended that reduction in sunlight access below these levels be kept to a minimum; if the available sunlight hours are both less than the percentages stated above and less than 0.80 times their former value in either period, and the overall annual loss is greater than 4 percentage points of APSH, then the reduction in sunlight may be noticeable.

The Guide suggests that the recommendation be applied to main living rooms of dwellings with a window facing within 90° of due south. Kitchens and bedrooms are considered less important and need not be analysed, although it is recommended not to block too much sun. In this study, room uses are largely unknown, so where this is the case, all windows tested for daylight and facing within 90° of due south have been analysed.

1.5 Sunlight to Surrounding Amenity

It is recommended that at least half an amenity space should receive at least two hours of direct sunlight on March 21st. Any change to this area that may be caused by a new development should not result in this area being less than 0.8 times its existing value.

1.6 BRE Impact Assessment Classification

The BRE Guide states the following in its Appendix H:

"The assessment of impact will depend on a combination of factors, and there is no simple rule of thumb that can be applied.

Where the loss of skylight or sunlight fully meets the guidelines in this document, the impact is assessed as negligible or minor adverse. Where the loss of light is well within the guidelines, or only a small number of windows or a limited area of open space lose light (within the guidelines), a classification of negligible impact is more appropriate. Where the loss of light is only just within the guidelines, and a larger number of windows or open space area are affected, a minor adverse impact would be more appropriate, especially if there is a particularly strong requirements for daylight and sunlight in the affected building or open space.

Where the loss of skylight or sunlight does not meet the guidelines in this document, the impact is assessed as minor, moderate or major adverse. Factors tending towards a minor adverse impact include:

- *Only a small number of windows or limited area of open space are affected.*
- *The loss of light is only marginally outside the guidelines.*
- *An affected room has other sources of skylight or sunlight.*
- *The affected building or open space only has a low-level requirement for skylight or sunlight.*

There are particular reasons why an alternative, less stringent guideline should be applied, for example an overhang above the window or a window standing unusually close to the boundary.

Factors tending towards a major adverse impact include:

- *A large number of windows or large area of open space are affected.*
- *The loss of light is substantially outside the guidelines.*
- *All the windows in a particular property are affected.*
- *The affected indoor or outdoor spaces have a particularly strong requirement for skylight or sunlight, e.g. a living room in a dwelling or a children's playground.*

The severity of the adverse impact on each **individual** window by the proposed development at St Andrew's Court was classified according to the thresholds illustrated in Table 1-1.

Table 1-1: Classification of adverse impact.

Type of adverse impact	%
Negligible	0-20
Minor	20-30
Moderate	30-40
Major	>40

1.7 Performance: Target Illuminance

The BRE Guide offers two methods for assessing interior daylight in new buildings. Target Illuminance uses climate-based daylight modelling to account for orientation and sunlight and is the method employed in this assessment. The table shows median illuminance levels, quoted in the BRE Guide from the national annex of BS EN 17037:2018, as applicable to "hard to light dwellings". The target is for these levels to be achieved over half of the working plane for half of the daylight hours in a year.

Table 1-2: Target illuminance values for dwellings according to the National Annex in BS EN 17037:2018.

Room Type	Illuminance (lux)
Kitchens	200
Living Rooms	150
Bedrooms	100

The BRE Guide recommends that Kitchen-Diners or Kitchen-Living-Diners achieve the level of the kitchen as this room has the higher/highest requirement of the combined room types. However, the guide also comments that local authorities may use discretion when considering the application of the living room target to kitchen-living-dining rooms where the main use of the space is as a living space. DCC has accepted this on several precedent schemes considered during the lifetime of this project. Results tailored to both targets are presented in this report.

1.8 Performance: Sunlight Levels

The recommendation is for at least one habitable room to receive at least 1.5 hours sunlight on March 21st. "Habitable rooms", for this test, has been taken not to include bedrooms.

1.9 Performance: Sunlight on Surrounding Amenity

The same test is used to demonstrate the performance of amenity spaces within the proposal as is used to assess the impact on the surrounding amenity i.e. it is recommended that at least half an amenity space should receive at least two hours of direct sunlight on March 21st, and any change to this area that may be caused by a new development not result in this area being less than 0.8 times its existing value.

1.10 Geometry

The proposed building was converted from Revit models supplied by the project architects from July 2021 to August 2024. In line with section 5.3 of the Dublin City Development Plan 2022-2028 Appendix 16: Daylight and Sunlight, all surrounding buildings that sit within three times the height of the proposed development have been included within the assessment.

Reasonable approximations of neighbouring window locations and geometries have been used, derived from a site survey in Autumn 2021 and online data using appropriate care. Since this is, in part, a comparative study, two models were set up representing the existing and proposed cases. In both models, fences, trees, and shrubbery were excluded as per the BRE guidance.

1.11 Model Set-up

The following values, taken from EN 17037 and the BRE Guide, were used in calculations:

Internal Surface Finishes	Reflectance
Internal Walls	0.50
Floor	0.20
Ceiling	0.70
Reveals	0.45
Ground & Context	0.20

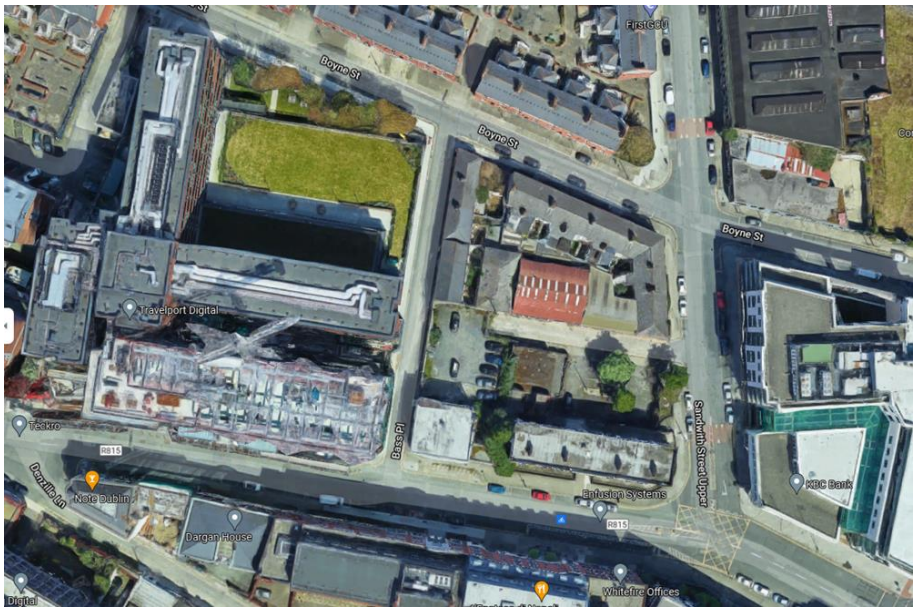
As per the BRE Guide, Visible Light Transmittance (VLT) for double glazing was assumed to be 0.68. A conservative maintenance factor of 0.88 was chosen in line with Section 5.3 of Appendix 16 of the Dublin City Council Development Guide 2022-2028. A 200mm grid was used in illuminance calculations.

These analyses were carried out using the following software: Radiance, Revit, Rhino, and Grasshopper Tools.

2.0 ARCHITECTURE & DAYLIGHT

Dublin City Council (DCC) is proposing to develop the site at the junction of at the junctions of Sandwith Street Upper with Fenian Street, shown in Figure 2-1. The proposal comprises accommodation over 7 floors.

Several iterations for the design of the proposed building have been tested, and adjustments have been made to improve the quality of daylight within the proposed dwellings as well as the impact on external properties. The design team improved the design over a series of iterations. Design modifications included:



- Maximising the number of dual aspect apartments
- Widening windows
- Maintaining floor-to-ceiling heights at 3400mm (ground floor)
- Maintaining floor-to-ceiling heights at 2700mm (1st to 6th floors)
- Raising window head heights as far as possible
- Redesigning balcony size and location
- Ensuring there are no single aspect apartments.
- Removing a duplex flat in the Northwest corner of the development and adding an apartment to the Northeast of the site.

The resulting proposal maximises internal daylight levels within the given design parameters. Further enhancement would require architectural features regarded as necessary (e.g. amenity, deck access, fire walls) to be compromised. Importantly, the daylight and energy strategies have been harmonised. Advice and testing for daylight, have been made in alongside advice and testing for the project's energy performance requirements. Window sizes for some apartments are very close to the limit of acceptability for compliance with the Nearly Zero Energy Building (NZEB) standard, required for planning.

Max Fordham LLP has been appointed by DCC to undertake a Sunlight, Daylight and Overshadowing report to accompany the planning submission

3.0 EXECUTIVE SUMMARY

The purpose of this report is to examine the impact of the proposed building at St Andrew's Court (SAC) site on the sunlight, daylight and overshadowing of adjacent properties, and to assess levels of daylight and sunlight within the proposal.

This report follows the assessment method described in the document: *''Site layout for daylight and sunlight: a good practice guide''* (3rd edition), published by the BRE – it is the industry standard document for such assessments and the reference cited in Dublin City Council's (DCC) Development Plan (Appendix 16, Draft Dublin City Development Plan 2022 – 2028).

Contained within each edition of the BRE Guide is a reminder that the Guide's aim is to help rather than constrain the designer and that its numerical guidelines should be interpreted flexibly because daylight is one of many factors under consideration. The results of this study reflect:

- the inner-city nature of the site with tall, neighbouring buildings on several sides
- the other constraints on the design e.g., housing density targets, provision of amenity, access, cost, and space requirements for each apartment
- the harmonisation of daylight and energy strategies, considering the heat loss associated with façade openings and the project's DEAP/NZEB energy obligations.
- the evolution of relevant daylight requirements over the project's design phase

The design team developed iterations of the proposed building's form to reduce the impact on neighbouring properties and increase access to natural light within the development.

3.1 Impact on the existing surroundings

In line with DCC City Plan 2022-2028 Appendix 16 recommendations, receptors in a radius 3 times the height of the proposed building were assessed: a total of 727 existing windows and 8 existing amenity areas.

In terms of its effect on existing neighbouring properties, 89% of the windows tested comply with VSC daylight recommendations (99% with the alternative test). When the consented GRP scheme 3164/223 was introduced as context., these figures fell slightly to 88% and 97% respectively. All habitable rooms tested comply with sunlight recommendations. Sunlight levels at surrounding amenity spaces are maintained. Broadly, this degree of impact in the surrounding urban context, with its large number of surrounding receptors which remain predominantly compliant, may be classified as minor.

Daylight and sunlight were not assessed at 2-10 Bass Place as it was reported to the authors that these buildings are unoccupied and to be demolished if the proposed development 3164/23 is built.

3.1.1 Vertical Sky Component (VSC)

Results for all properties can be seen in the Appendices. Windows were assessed at the following locations, with the type of location usage listed in brackets:

Existing Locations

- 9-14 Boyne St (Residential)
- 25 - 31 Boyne Street (Residential)
- 4 Sandwith St Upper (Residential)

- 5 Sandwith St (Residential)
- 9 Sandwith St (Commercial)
- 38-39 Sandwith St Upper, Grand Canal Place (Residential with commercial on ground floor)
- 11 Sandwith St Upper, KBC Bank (Commercial)
- 1 Fenian St (Residential)
- 2-10 Fenian St (Commercial)
- 11-14 Fenian St - Alexander Court (Commercial Hotel)
- 15 – 18 Fenian St - PSI House (Commercial)
- 19 Fenian St (Residential)
- 21-23 Fenian St (Commercial)
- 24-25 Fenian St (Commercial)
- 26 Fenian St (Mixed Use)
- Cumberland House, 1 Cumberland St (Commercial)
- 2 Cumberland St (Commercial)
- 11 Bass Place (Residential)

Test 1
Test 1 is a comparison between a baseline of the area as currently exists to a proposed scenario which includes the introduction of SAC.

Overall, of the 727 assessed windows, 649 complied with the standard numerical daylight targets in the BRE Guide. When this was lowered to the alternative target of 15%, this number rose to 718. The impact to most assessed buildings may be classified as negligible to minor.

Locations of non-compliance with a brief description are listed below.

- 1 Fenian St – 4 windows fail here; however, they are covered by an overhang and are therefore sensitive. The impact to these windows was minor, see test 4 below for results without the overhang.
- 2-10 Fenian St – 18 windows here are non-compliant with the standard test but meet the alternative target, with a moderate to major impact on the VSC. This is due to the proximity of the windows to the proposed development in an urban context.
- 11-14 Fenian St – 1 window fails here but is covered by an overhang. 29 windows meet the alternative target only, again with a moderate to major impact on the VSC. Again, this is due to the context of the scheme.
- 15-18 Fenian St – 2 windows here do not comply; however, these are heavily recessed into the building and are therefore likely to be affected. One had a major impact to the VSC and the other a moderate impact. Three windows only pass the alternative target, although one is only a marginal failure of the standard target.
- KBC Bank – Two windows do not comply here, one of which is very recessed into the building. One had a major impact to the VSC and the other a moderate impact. 19 windows only passed the alternative target, which is due to their proximity to the development. For these windows the impact to the VSC was moderate.

Test 2
Test 2 is a comparison between a baseline of the existing surroundings with the addition of the consented GRP scheme and a proposed scenario which is the baseline with the addition of SAC.

When the consented GRP scheme was included in the surrounding context, 642 of the windows met the standard target, with 700 meeting the alternative target. Again, the impact to most assessed locations is classified as negligible to minor. Exceptions to this are listed below.

- 1 Fenian St – The result here was the same as test 1.

- 2-10 Fenian St - 18 windows here do not comply with the standard benchmark but meet the alternative target, with a moderate impact on the VSC. This is due to the proximity of the windows to the proposed development in an urban context.
- 11-14 Fenian St - 6 windows here do not comply with a moderate to major impact on the VSC. 30 windows pass only the alternative test with a moderate impact to the VSC.
- 15-18 Fenian St – 4 windows do not comply here with a major impact to the VSC, and one window passes only the alternative test. There are two further windows which marginally pass the standard and alternative target respectively.
- KBC Bank – Two windows do not comply here, one of which is very recessed into the building. Both have a moderate impact to the VSC. 17 windows only pass the alternative target, which is due to their proximity to the development. For these windows the impact to the VSC was minor to moderate.

Test 3
Test 3 is a comparison between a baseline of the existing surroundings and a proposed scenario where both SAC and the consented GRP scheme are included alongside. It is not being used to determine overall compliance. As this test is measuring the impact of both developments, it is not a measure of the impact of either of them individually. The increase in density and urban nature of the two schemes will result in a total reduction in daylight for the offices directly opposite the developments but this is to be expected in an urban environment.

When both the proposed developments (GRP and SAC) were put as proposed in the comparative test, the number of windows passing the standard target is 508 and the alternative target, 623. Specific location details are given the Appendix.

Test 4
Test 4 is the same comparison as in test 1, but with the removal of overhang shading above affected windows.

The BRE Guide states that for overhung windows *"even a modest obstruction opposite may result in a large relative impact on the VSC"*.

4 windows were obstructed by an overhang at 1 Fenian St and failed the first two tests, however all of them passed the standard test when the overhang was removed. Two windows at 11-14 Fenian St were obstructed by an overhang, with one failing the first two tests. When this overhang was removed both windows passed the alternative test.

No Sky Line
Reliable plans for existing residential buildings in the surroundings were obtained for 38-39 Sandwith St (Grand Canal Place). 96% of rooms passed tests 1 and 2, and 94% passed test 3. Results for all properties can be seen in the Appendices.

3.1.2 APSH

The following locations were tested for sunlight access:

- 25-31 Boyne St
- 9-14 Boyne St
- Grand Canal Place
- 11 Bass Place

The room types were only known for Grand Canal Place, and therefore all the possible windows were analysed for the other locations.

All the windows at these locations passed test 1 and 2, apart from one window at 25-31 Boyne St. As this window is upstairs it is likely to be a bedroom window and therefore would not be considered a failure for the location.

Four windows at 11 Bass Place and one window at 25-31 Boyne St did not pass test 3 but given that this is the combined effect of two buildings it is not being considered as a compliance result.

All habitable rooms in Grand Canal Place passed all three tests.

3.1.3 Sunlight to Amenity Spaces

Sunlight levels to existing amenity spaces and private gardens were maintained in tests 1 and 2. In test 3 the garden of 11 Bass Place and the amenity space of Cumberland House failed due to a reduction in area receiving over 2 hours. As before the

3.2 Impact on Consented Surroundings

Windows were assessed at the following consented development locations:

- Consented Scheme Reference 3164/23 by Gold Run Properties Ltd (GRP consented scheme).
    - Block 1 (62-64 Fenian St)
    - Block 3 (1-3 Sandwith St)

The impacts caused by SAC on the surrounding buildings are reasonable for its urban location and simulation results indicate its adherence to a level of neighbourliness with its surroundings. Non-compliance is broadly due to the proximity of the windows to the site boundary and the recessed nature of main windows to KLD rooms. The overall impact may be classified as minor to moderate.

Mirror VSC testing showed that the impact caused by Block 1 of the GRP consented scheme on itself to be greater than those caused by SAC on this block.

Windows within the development at 1-3 Sandwith Street Upper are-sensitive to change due to the presence of balconies and their proximity to the boundary.

3.2.1 VSC

Block 1 (62-64 Fenian St)

A total of 105 windows were tested at this location, which covered 17 Kitchen-Living-Diners (KLD) and 35 Bedrooms.

For test 2, i.e. with balconies, 16 KLDs passed both the standard and alternative tests. 26 bedrooms passed the standard test, and 30 bedrooms passed the alternative test.

For test 5, i.e. without balconies, all 17 kitchens passed the standard test. 28 bedrooms passed the standard test and 32 passed the alternative test.

The mirror test (test 6) simulates the effect 62-64 Fenian Street would have on itself were it to be built on the SAC site. In this test, only 3 KLD passed the standard test and 4 passed the alternative test. 4 bedrooms passed the standard test and 9 passed the alternative test. Significantly more rooms failed both the standard and alternative tests with 62-64 Fenian Street acting as its own neighbour than with SAC in place.

Block 3 (1-3 Sandwith St)

A total of 25 windows were tested at this location, which encompassed 4 KLDs and 8 Bedrooms.

For test scenario 2, 2 of these KLD passed both tests and 2 failed both. No bedrooms passed the standard test but one passed the alternative test. The same results were found when the balconies were removed.

With the mirror test, the impact was lessened. 2 Bedrooms passed the standard test and a further 3 passed with the alternative target. The impact to the KLDs was similar to that of St Andrew's Court. The non-compliant windows serving both affected KLD units are set back and heavily overshadowed making them overly sensitive to change.

3.2.2 No Sky Line

All rooms in Blocks 1 and 3 facing the St Andrew's Court site were analysed.

In Block 1, all rooms passed test 2 and hence no further tests were performed.

In Block 3, 2 out of the 12 rooms passed test scenario 2. When the balconies were removed, a further two rooms passed. Windows to these, non-compliant rooms are either set back and heavily overshadowed or sit close to their site boundary making them overly sensitive to change.

3.2.3 APSH

Block 1
Room types were known and therefore windows serving kitchens or living spaces were analysed. This led to 17 rooms being tested, with 9 rooms passing. This result was unchanged by the removal of balconies. Several of these rooms fail due to self-shading by the scheme and proximity to the common site boundary, restricting sunlight access. As mentioned in section 3.2.10 of the BRE Guide 209, because the two schemes broadly match each other in height and proportion, a larger reduction in sunlight than stipulated by the guidelines may be necessary in order to achieve the desired housing density. The guide also emphasises that these guidelines are purely advisory and must be balanced with other key planning considerations.

Block 3
Neither of the two KLDs with main windows facing south complied with the guidance. Due to the design of the block, the other two of the KLDs had their main windows facing towards the north and therefore would not receive sufficient sunlight. This result was not improved by the removal of balconies. As discussed in the BRE Guide 209 section 3.2.10, as these windows are close to the common boundary with heavy shading, then the reduction in sunlight is likely unavoidable.

3.2.4 Sunlight to Amenity Space

4 amenity spaces in this location were identified, including a playground. Sunlight levels were only maintained at one of these amenity spaces, which was the one on the roof of the GRP consented scheme. It is difficult for amenity spaces to meet these guidelines in a dense urban context.

3.3 Performance of the proposed development

Natural levels within the rooms of the proposal have been enhanced throughout the development through various design iterations such as:

- Widening of windows
- Maximising the number of dual aspect units
- Careful placement of WCs and stores in less daylit areas within units and habitable rooms in well daylit areas
- Considered sizing and positioning of windows and balconies.

The performance may be described as follows: Daylight: 77% of rooms meet or exceed the relevant benchmark, as measured against the minimum target illuminance method set out in the latest edition of the BRE Guide and the National Annex of BS EN 17037 as pertaining to *"dwellings situated in a dense urban area"*. Precedent daylight reports for approved schemes considered during the design phase used the living room target for kitchen-living spaces. When this target is applied to St Andrew's court, 84% of rooms meet or exceed the benchmark.

The results show the rooms on upper floors to be fully compliant when the KLDs are treated as living rooms Non-compliance on lower floors is due to the urban context of the site with tall buildings in close proximity on several sides.

Sunlight: the benchmark is met or exceeded in 70% of the proposed dwellings.

Amenity Space: The recommended levels of sunlight were not met in any of the amenity spaces created by St Andrew's court. Overall, 8% of the area received over 2 hours of sunlight, which is below the 50% recommendation. The sunlight was best on the roof terrace and worst in the courtyard area. Again, the site's context, being surrounded by tall buildings on many sides, works against amenity sunlight provision reaching good practice levels.

4.0 RELEVANT DOCUMENTS

The Sustainable Urban Housing: Design Standards for New Apartments – Guidelines for Planning Authorities (December 2022):

'' 3.20 Floor-to-ceiling height affects the internal amenities of apartments, in terms of sunlight / daylight, storage space, and ventilation. This is most significant at ground level, where the potential for overshadowing is greatest. Ground level floor to ceiling height will also influence the future adaptability of individual apartments for potential alternative uses, which will vary depending on location.''

''6.5 The provision of acceptable levels of natural light in new apartment developments is an important planning consideration as it contributes to the liveability and amenity enjoyed by apartment residents. In assessing development proposals, planning authorities must however weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision with the location of the site and the need to ensure an appropriate scale of urban residential development.

6.6 Planning authorities should avail of appropriate expert advice where necessary and have regard to quantitative performance approaches to daylight provision outlined in guides like A New European Standard for Daylighting in Buildings IS EN17037:2018, UK National Annex BS EN17037:2019 and the associated BRE Guide 209 2022 Edition (June 2022), or any relevant future standards or guidance specific to the Irish context, when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.

6.7 Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specifics. This may arise due to design constraints associated with the site or location and the 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 solution.''

Dublin City Draft Development Plan 2022 – 2028, Appendix 16c, Section 1.0 (2022)

"This guide is intended to provide direction to applicants and consultants carrying out such assessments. Its purpose is to offer clarity on the required technical approach, such that a standardised methodology and set of metrics are used by consultants for completing daylight and sunlight assessments. The guide also contains information on what standards are appropriate and what information should be contained in daylight and sunlight reports to enable the planning authority to complete a robust assessment of potential impacts and mitigation measures. The intended outcome of this guide is to ensure a consistent approach to completing daylight and sunlight assessments. This guide does not outline exact, city wide, expected results or a suite of results that are likely to be considered acceptable by the planning authority. Proposals will continue to be assessed on a case-by-case basis depending on site specific circumstances and location." "…both BS 8206-2 and BS EN 17037 have relevance…. If, over the coming years, a revised version of BR 209 is to be issued, the guidance within this new version will take precedence."

[The latest edition of BR209 was issued several months after this document's publication]

""In exceptional circumstances, for example on a tightly configured urban site, where these minimum criteria cannot be achieved, the applicant should very clearly identify this and put forward a clear and robust rationale for compensatory measures applied to mitigate any shortfall in the minimum standards. From here, the planning authority will apply an exercise in discretion and balance that considers the wider impact of the development beyond matters relating to daylight and sunlight."

The Urban Development and Building Heights – Guidelines for Planning Authorities (March 2018)

"At the scale of the site/building:

- *The form, massing and height of proposed developments should be carefully modulated so as to maximise access to natural daylight, ventilation and views and minimise overshadowing and loss of light.*
- *Appropriate and reasonable regard should be taken of quantitative performance approaches to daylight provision outlined in guides like the Building Research Establishment's 'Site Layout Planning for Daylight and Sunlight' (2nd edition) or BS 8206-2: 2008 – 'Lighting for Buildings – Part 2: Code of Practice for Daylighting'.*

BR 209 (2022) – Site Layout Planning for Daylight and Sunlight, A Guide to Good Practice (Third Edition)

This document is widely used as a methodology for daylight and sunlight assessments, both for the impact of a new development on its surroundings and for assessment of natural light within proposed buildings. The third edition incorporates BS EN 17037. It contains the following on rooms with multiple uses:

"Where a room has a shared use, the highest target should apply. For example, in a bed sitting room in student accommodation, the value for a living room should be used if students would often spend time in their rooms during the day. Local authorities could use discretion here. For example, the target for a living room could be used for a combined living/dining/kitchen area if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in a design. The kitchen space would still need to be included in the assessment area".

BS EN 17037:2018 – Daylight in Buildings

A new, European-wide standard for daylight in buildings was introduced in 2018. The UK National Annex A of BS EN 17037 also gives minimum values for housing, in living rooms, kitchens, and bedrooms. These are minimum recommended values for locations where a predominantly daylit appearance is not achievable; "*for example in basement rooms or with significant external obstructions (perhaps in a dense urban area…)"*

The national annex contains minimum daylight targets for kitchens, living rooms and bedrooms.

Greater London Authority, representation hearing report D&P/3067/03 – Appendix 1, 18/11/2013.

Comments by Greater London Authority (GLA) in the context of a planning appeal have been used as guidance on urban sites in the UK:

"It should, nevertheless, be noted that the 27% VSC target value is derived from a low-density suburban housing model. The independent daylight and sunlight review states that in an inner-city urban environment, VSC values more than 20% should be considered as reasonably good and that VSC in the mid-teens should be acceptable. However, where the VSC value falls below 10% (to be in single figures), the availability of direct light from the sky will be poor."

5.0 CONCLUSION

The proposed development at SAC has been assessed both for its impact on natural light at surrounding properties and provision of daylight and sunlight within the proposal itself. In keeping with Dublin City Council's Development Plan (Appendix 16, Draft Dublin City Development Plan 2022 – 2028), the assessment followed 3rd. edition of 'Site layout for daylight and sunlight: a good practice guide' This report has described the design team's development of several iterations of the proposed building's form to reduce the impact on neighbouring properties and increase access to natural light within the development.

The results of this study reflect:

- the inner-city nature of the site
- the other constraints on the design e.g., housing density targets, provision of amenity, access, cost, and space requirements for each apartment
- the harmonisation of daylight and energy strategies, considering the heat loss associated with façade openings and the project's DEAP energy obligations.
- the evolution of relevant daylight requirements over the project's design phase.

The proposed development offers 100% dual aspect homes, a new public space, and residential courtyards.

5.1 Impact on the existing surroundings

The numerical targets contained within the BRE Guide are, as the Guide states, *"purely advisory and different targets may be used based on the special requirements of the proposed development or its location".* Reference in this report has been made to target VSCs of 27% and 15%.

A total of 723 windows and 7 amenity areas have been assessed. Some of these windows will serve non-habitable rooms and others serve bedrooms which the BRE Guide considers less important. However, due to lack of data it was not possible to identify all of these and hence in case of uncertainty these windows were included.

Using this as a basis, the majority – 90% - of the surrounding windows tested are compliant with standard BRE daylight guidelines with the proposal in place. With the alternative guidelines this rises to 99%. When the proposed development 3164/23 is introduced as context these figures fall slightly to 89% and 97% respectively.

All rooms tested for the No Sky Line test passed.

The impact to sunlight received by habitable rooms (in this case kitchens, living rooms or KLDs) is negligible for the areas tested.

The impact to amenity areas around the site is in line with BRE recommendations.

The locations where the BRE's numerical targets are breached were:

- Alexander Court
- PSI House
- KBC Bank

5.2 Impact on consented surroundings

A total of 130 windows were assessed for the proposed neighbouring consented scheme 3164/23 (GRP), which serve 21 KLDs and 43 Bedrooms. 18 KLDs passed the standard VSC test, which rose to 19 when balconies were removed. 26 bedrooms passed the standard test and 31 passed the alternative test. This rose to 28 and 33 respectively when the balconies were removed.

88% of the rooms tested passed the No Sky Line test when the effect of balconies was removed.

43% of the KLD rooms analysed across both blocks passed the APSH test. Only one of the four amenity spaces tested received the recommended amount of sunlight with St Andrew's Court in place.

There is a minor to moderate impact to Block 1 of the GRP consented scheme. The results of the mirror test show that if the consented scheme were its own neighbour, the impact would be greater than that caused by the introduction of SAC.

The effect of SAC on Block 3 of the GRP development exceeds that of the mirror test, but this is partially driven by the deep inset and single aspect KLD rooms in block 3. These features make it difficult to avoid reducing the available daylight.

Due to the urban context and the comparative size of the two schemes, it may be unavoidable that in some areas there will be a greater reduction in sunlight than recommended by the guidance. This is acknowledged in BRE Guide 209.

It should be born in mind that these results relate to a consented scheme rather than a building with existing occupants.

5.3 Performance of the proposed development

Daylight levels: 77% of habitable rooms within the proposal meet the relevant benchmark recommended in the BRE Guide for *"dwellings situated in a dense urban area"*. Using the living room benchmark for rooms with multiple uses, 84% are compliant.

70% of apartments satisfy the minimum requirement for sunlight to habitable rooms ("habitable rooms" in this sense only has been taken not to include bedrooms).

8% of the amenity space (i.e. area over the 2h benchmark) satisfies the recommendations for amenity sunlight provision. This is lower than the recommended 50% benchmark.

St Andrew's Court – Part 8 DSO Assessment - Appendices

6.0 VSC RESULTS

This appendix gives the calculated values for the VSC for all tested windows. BRE VSC numerical recommendation: 27% proposed VSC and/or ratio 0.8 or above e.g. a window with 21% VSC and Ratio of 0.91 meets the recommendation. The visualisation is as follows:

- Green – Window passes the standard test.
- Yellow – Window is either a marginal pass or a marginal failure. Due to the nature of the test, there is slight variation in the results between calculations and therefore a window that has a reduction factor within ±0.005 of 0.80 is categorised as marginal. These windows can be examined on a case-by-case basis if necessary.
- Amber – Window fails the standard test (27%) target but passes the alternative urban target of 15%.
- Magenta – Window is either a marginal pass or fail but for the alternative target of 15%.
- Red – Window fails all tests.

Summary of Test 3

This summary is included here for reference and completeness. Test 3 is not being used for compliance but provides a description of likely changes to the daylight. The areas of impact above the minor impact are listed below.

- 25-31 Boyne St – One window is non-compliant here with a moderate VSC impact.
- 1 Fenian St – The result here was the same as the previous two tests.
- 2-10 Fenian St – The result here was the same as test 1.
- 11-14 Fenian St –7 windows are non-compliant with a moderate to major impact. 32 windows only pass the alternative target with a moderate impact to the VSC.
- 15-18 Fenian St – 20 non-compliant windows with moderate to major impact to the VSC and 28 windows only passed the alternative target.
- 19 Fenian St – One window is a marginal failure with a minor VSC impact.
- KBC Bank- Again, the same two windows as in tests 1 and 2 are non-compliant with a further 22 only passing the alternative test with a moderate impact to the VSC.
- Grand Canal Place – One window is non-compliant with a minor impact to the VSC.
- Cumberland House – 17 windows are non-compliant, and 12 windows only passed the alternative test. However, as these windows passed the standard test in tests 1 and 2 this impact is coming from the GRP development and not St Andrew's Court.
- 2 Cumberland St –50 windows are non-compliant here and 2 only passed the alternative target. However, like Cumberland House, this impact is from the GRP development.

6.1 Existing Surroundings

In each of the sections, the figures show the windows tested and a reference number for each. The results for each test are then listed in tables.

6.1.1 25-31 Boyne St

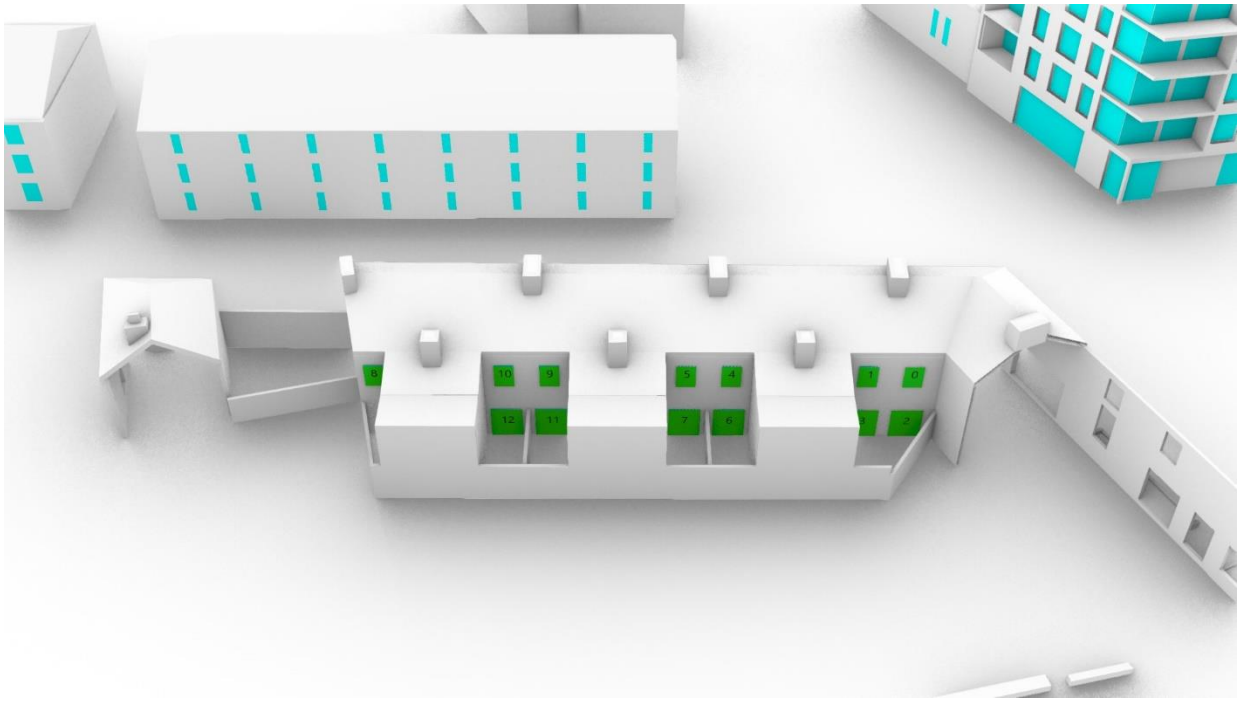
Overall, the impact due to St Andrew's Court at this location can be assessed as negligible.

Summary Table

Total Windows	13		Impact Classification				
Test	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	38.5%	61.5%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	23.1%	76.9%	0.0%	0.0%	0.0%
Test 3	92.3%	92.3%	38.5%	53.8%	0.0%	7.7%	0.0%

Test 1

Images



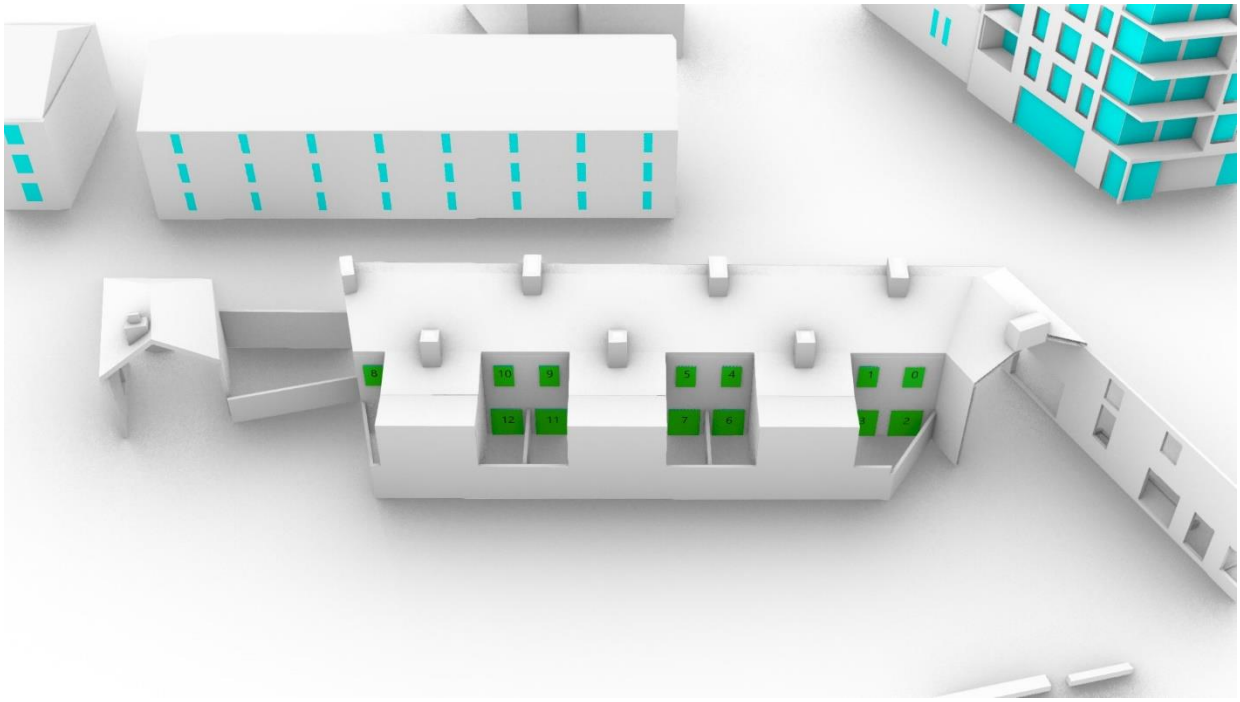
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	21.23	19.31	0.91	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
1	18.44	16.91	0.92	27	Pass	15	Pass	Negligible
2	8.76	8.95	1.02	27	Pass	15	Pass	None
3	7.70	7.78	1.01	27	Pass	15	Pass	None
4	18.09	18.09	1.00	27	Pass	15	Pass	Negligible
5	18.34	18.29	1.00	27	Pass	15	Pass	Negligible
6	6.53	6.61	1.01	27	Pass	15	Pass	None
7	6.35	6.35	1.00	27	Pass	15	Pass	Negligible
8	18.42	18.60	1.01	27	Pass	15	Pass	None
9	20.11	20.01	1.00	27	Pass	15	Pass	Negligible
10	20.78	20.63	0.99	27	Pass	15	Pass	Negligible
11	8.45	8.50	1.01	27	Pass	15	Pass	None
12	8.49	8.33	0.98	27	Pass	15	Pass	Negligible

Test 2

Images

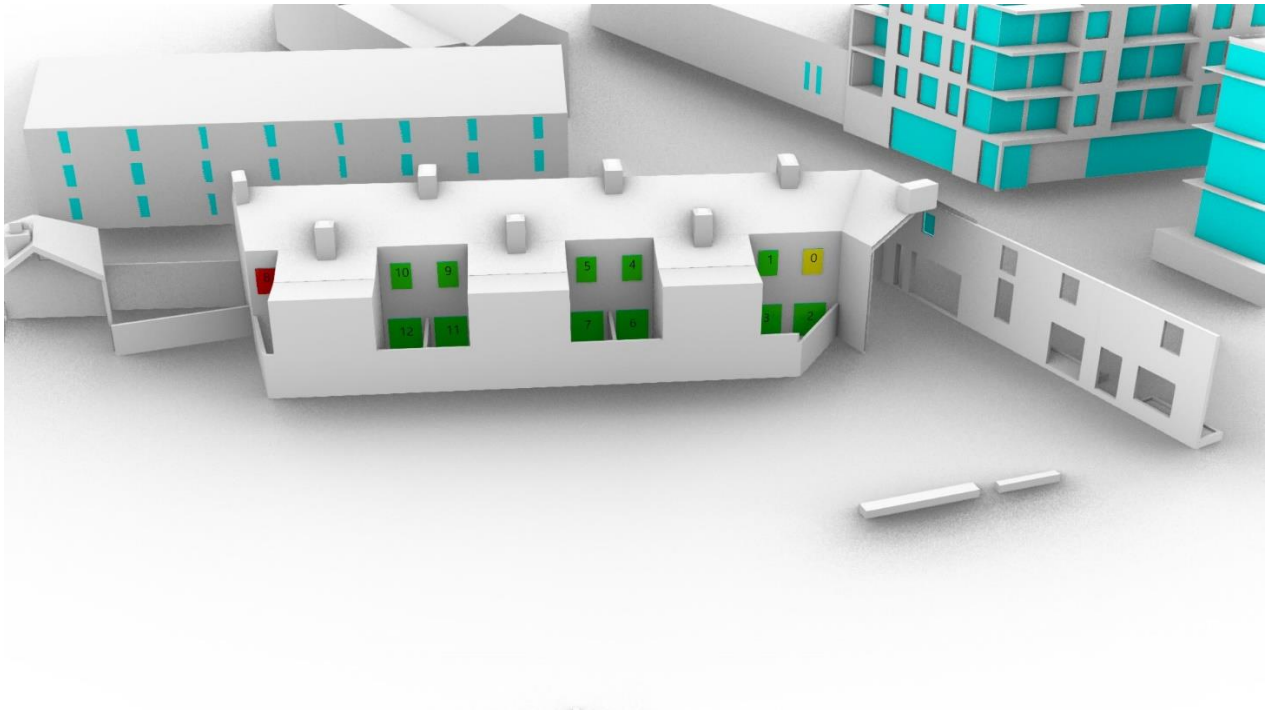


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.05	16.99	1.00	27	Pass	15	Pass	Negligible
1	17.17	17.19	1.00	27	Pass	15	Pass	None
2	8.97	9.09	1.01	27	Pass	15	Pass	None
3	7.38	7.46	1.01	27	Pass	15	Pass	None
4	20.01	18.27	0.91	27	Pass	15	Pass	Negligible
5	21.24	18.55	0.87	27	Pass	15	Pass	Negligible
6	10.85	9.64	0.89	27	Pass	15	Pass	Negligible
7	12.20	10.85	0.89	27	Pass	15	Pass	Negligible
8	12.68	12.59	0.99	27	Pass	15	Pass	Negligible
9	17.87	16.86	0.94	27	Pass	15	Pass	Negligible
10	20.10	17.27	0.86	27	Pass	15	Pass	Negligible
11	8.37	8.07	0.96	27	Pass	15	Pass	Negligible
12	10.80	9.58	0.89	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	21.03	16.90	0.80	27	Marginal Pass	15	Marginal Pass	Negligible
1	18.42	17.03	0.92	27	Pass	15	Pass	Negligible
2	8.94	9.03	1.01	27	Pass	15	Pass	None
3	7.74	7.40	0.96	27	Pass	15	Pass	Negligible
4	17.89	18.11	1.01	27	Pass	15	Pass	None
5	18.46	18.37	1.00	27	Pass	15	Pass	Negligible
6	6.59	9.58	1.45	27	Pass	15	Pass	None
7	6.43	10.88	1.69	27	Pass	15	Pass	None
8	18.45	12.70	0.69	27	Fail	15	Fail	Moderate
9	20.16	16.86	0.84	27	Pass	15	Pass	Negligible
10	20.92	17.29	0.83	27	Pass	15	Pass	Negligible
11	8.49	7.98	0.94	27	Pass	15	Pass	Negligible
12	8.36	9.67	1.16	27	Pass	15	Pass	None

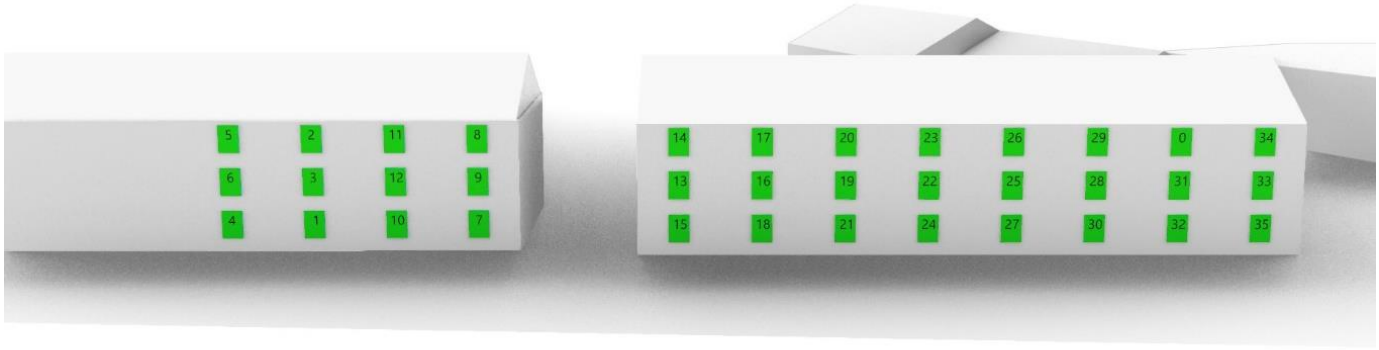
6.1.2 9-14 Boyne St

Summary

Total Windows	36		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	2.8%	97.2%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%

Test 1

Image



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	32.72	31.17	0.95	27	Pass	15	Pass	Negligible
1	27.34	26.90	0.98	27	Pass	15	Pass	Negligible
2	29.72	29.14	0.98	27	Pass	15	Pass	Negligible
3	28.58	27.82	0.97	27	Pass	15	Pass	Negligible
4	26.83	26.27	0.98	27	Pass	15	Pass	Negligible
5	29.33	28.57	0.97	27	Pass	15	Pass	Negligible
6	27.99	27.33	0.98	27	Pass	15	Pass	Negligible
7	28.24	27.87	0.99	27	Pass	15	Pass	Negligible
8	30.74	29.99	0.98	27	Pass	15	Pass	Negligible
9	29.83	28.92	0.97	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
10	28.06	27.29	0.97	27	Pass	15	Pass	Negligible
11	30.38	29.57	0.97	27	Pass	15	Pass	Negligible
12	29.20	28.40	0.97	27	Pass	15	Pass	Negligible
13	29.99	29.09	0.97	27	Pass	15	Pass	Negligible
14	31.36	30.36	0.97	27	Pass	15	Pass	Negligible
15	27.92	27.55	0.99	27	Pass	15	Pass	Negligible
16	30.18	29.51	0.98	27	Pass	15	Pass	Negligible
17	31.55	30.61	0.97	27	Pass	15	Pass	Negligible
18	28.57	27.86	0.97	27	Pass	15	Pass	Negligible
19	30.29	29.57	0.98	27	Pass	15	Pass	Negligible
20	31.80	30.80	0.97	27	Pass	15	Pass	Negligible
21	28.33	28.19	0.99	27	Pass	15	Pass	Negligible
22	29.77	29.13	0.98	27	Pass	15	Pass	Negligible
23	32.13	30.76	0.96	27	Pass	15	Pass	Negligible
24	27.33	27.08	0.99	27	Pass	15	Pass	Negligible
25	29.83	29.11	0.98	27	Pass	15	Pass	Negligible
26	32.42	31.20	0.96	27	Pass	15	Pass	Negligible
27	27.15	26.98	0.99	27	Pass	15	Pass	Negligible
28	29.96	29.24	0.98	27	Pass	15	Pass	Negligible
29	32.47	31.08	0.96	27	Pass	15	Pass	Negligible
30	27.32	27.18	0.99	27	Pass	15	Pass	Negligible
31	30.15	29.09	0.96	27	Pass	15	Pass	Negligible
32	27.46	27.24	0.99	27	Pass	15	Pass	Negligible
33	30.47	29.35	0.96	27	Pass	15	Pass	Negligible
34	33.08	31.26	0.94	27	Pass	15	Pass	Negligible
35	27.44	27.26	0.99	27	Pass	15	Pass	Negligible

Test 2

Images
As above

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	30.71	29.18	0.95	27	Pass	15	Pass	Negligible
1	25.59	25.44	0.99	27	Pass	15	Pass	Negligible
2	28.39	28.05	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
3	27.02	26.97	1.00	27	Pass	15	Pass	Negligible
4	25.20	25.19	1.00	27	Pass	15	Pass	Negligible
5	28.05	27.82	0.99	27	Pass	15	Pass	Negligible
6	26.57	26.54	1.00	27	Pass	15	Pass	Negligible
7	26.69	26.46	0.99	27	Pass	15	Pass	Negligible
8	29.28	28.80	0.98	27	Pass	15	Pass	Negligible
9	27.93	27.59	0.99	27	Pass	15	Pass	Negligible
10	26.29	26.00	0.99	27	Pass	15	Pass	Negligible
11	28.99	28.45	0.98	27	Pass	15	Pass	Negligible
12	27.56	27.33	0.99	27	Pass	15	Pass	Negligible
13	27.71	27.15	0.98	27	Pass	15	Pass	Negligible
14	29.44	28.58	0.97	27	Pass	15	Pass	Negligible
15	26.29	25.71	0.98	27	Pass	15	Pass	Negligible
16	28.03	27.41	0.98	27	Pass	15	Pass	Negligible
17	29.76	28.70	0.96	27	Pass	15	Pass	Negligible
18	26.22	25.96	0.99	27	Pass	15	Pass	Negligible
19	28.13	27.45	0.98	27	Pass	15	Pass	Negligible
20	29.87	28.78	0.96	27	Pass	15	Pass	Negligible
21	26.12	25.87	0.99	27	Pass	15	Pass	Negligible
22	28.31	27.48	0.97	27	Pass	15	Pass	Negligible
23	30.17	28.84	0.96	27	Pass	15	Pass	Negligible
24	26.20	26.13	1.00	27	Pass	15	Pass	Negligible
25	28.26	27.70	0.98	27	Pass	15	Pass	Negligible
26	30.27	29.05	0.96	27	Pass	15	Pass	Negligible
27	26.26	26.11	0.99	27	Pass	15	Pass	Negligible
28	28.56	27.78	0.97	27	Pass	15	Pass	Negligible
29	30.55	28.94	0.95	27	Pass	15	Pass	Negligible
30	26.25	26.11	0.99	27	Pass	15	Pass	Negligible
31	28.82	27.83	0.97	27	Pass	15	Pass	Negligible
32	26.44	26.25	0.99	27	Pass	15	Pass	Negligible
33	28.75	27.88	0.97	27	Pass	15	Pass	Negligible
34	30.94	29.17	0.94	27	Pass	15	Pass	Negligible
35	26.35	26.42	1.00	27	Pass	15	Pass	None

Test 3

Images
As above

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	32.86	29.20	0.89	27	Pass	15	Pass	Negligible
1	27.34	25.47	0.93	27	Pass	15	Pass	Negligible
2	29.72	28.23	0.95	27	Pass	15	Pass	Negligible
3	28.73	26.83	0.93	27	Pass	15	Pass	Negligible
4	26.87	25.09	0.93	27	Pass	15	Pass	Negligible
5	29.21	27.79	0.95	27	Pass	15	Pass	Negligible
6	28.11	26.62	0.95	27	Pass	15	Pass	Negligible
7	28.26	26.51	0.94	27	Pass	15	Pass	Negligible
8	30.77	28.68	0.93	27	Pass	15	Pass	Negligible
9	29.86	27.60	0.92	27	Pass	15	Pass	Negligible
10	27.77	25.99	0.94	27	Pass	15	Pass	Negligible
11	30.35	28.44	0.94	27	Pass	15	Pass	Negligible
12	29.27	27.37	0.94	27	Pass	15	Pass	Negligible
13	29.86	27.21	0.91	27	Pass	15	Pass	Negligible
14	31.28	28.64	0.92	27	Pass	15	Pass	Negligible
15	27.92	25.79	0.92	27	Pass	15	Pass	Negligible
16	30.10	27.36	0.91	27	Pass	15	Pass	Negligible
17	31.79	28.60	0.90	27	Pass	15	Pass	Negligible
18	28.34	25.82	0.91	27	Pass	15	Pass	Negligible
19	30.12	27.50	0.91	27	Pass	15	Pass	Negligible
20	31.89	28.83	0.90	27	Pass	15	Pass	Negligible
21	28.12	26.03	0.93	27	Pass	15	Pass	Negligible
22	29.78	27.46	0.92	27	Pass	15	Pass	Negligible
23	32.21	28.90	0.90	27	Pass	15	Pass	Negligible
24	27.15	26.05	0.96	27	Pass	15	Pass	Negligible
25	29.94	27.64	0.92	27	Pass	15	Pass	Negligible
26	32.34	29.01	0.90	27	Pass	15	Pass	Negligible
27	27.21	26.13	0.96	27	Pass	15	Pass	Negligible
28	30.08	27.67	0.92	27	Pass	15	Pass	Negligible
29	32.50	29.04	0.89	27	Pass	15	Pass	Negligible
30	27.21	26.07	0.96	27	Pass	15	Pass	Negligible
31	30.12	27.73	0.92	27	Pass	15	Pass	Negligible
32	27.31	26.18	0.96	27	Pass	15	Pass	Negligible
33	30.34	27.89	0.92	27	Pass	15	Pass	Negligible
34	33.14	29.30	0.88	27	Pass	15	Pass	Negligible
35	27.45	26.39	0.96	27	Pass	15	Pass	Negligible

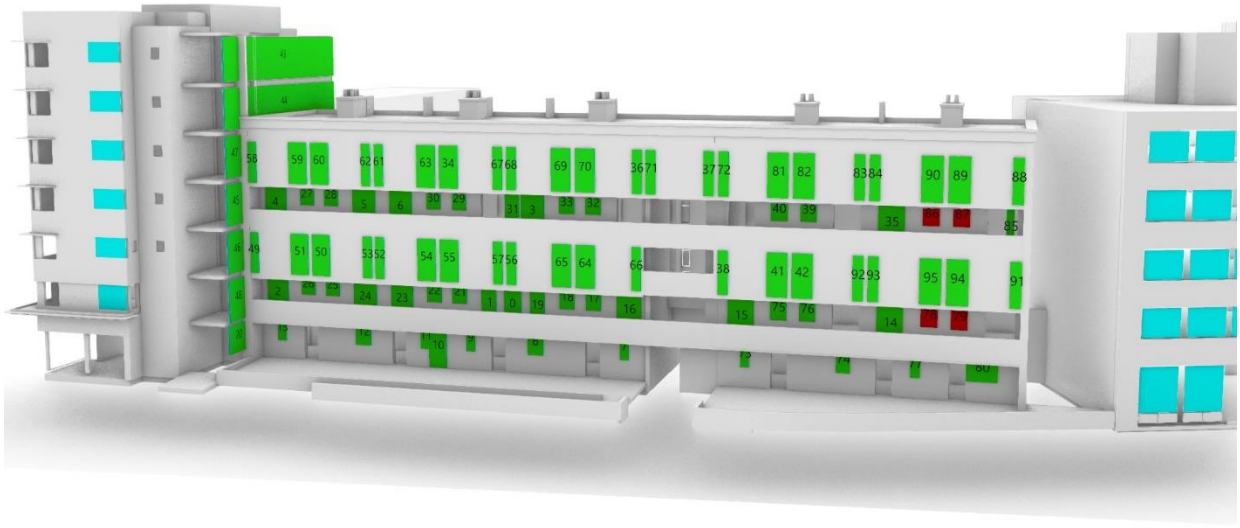
6.1.3 1 Fenian St

Summary

Total Windows	96		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	95.8%	95.8%	0.0%	95.8%	4.2%	0.0%	0.0%
Test 2	95.8%	95.8%	0.0%	95.8%	4.2%	0.0%	0.0%
Test 3	94.8%	94.8%	0.0%	94.8%	5.2%	0.0%	0.0%
Test 4	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	18.48	17.01	0.92	27	Pass	15	Pass	Negligible
1	18.03	16.93	0.94	27	Pass	15	Pass	Negligible

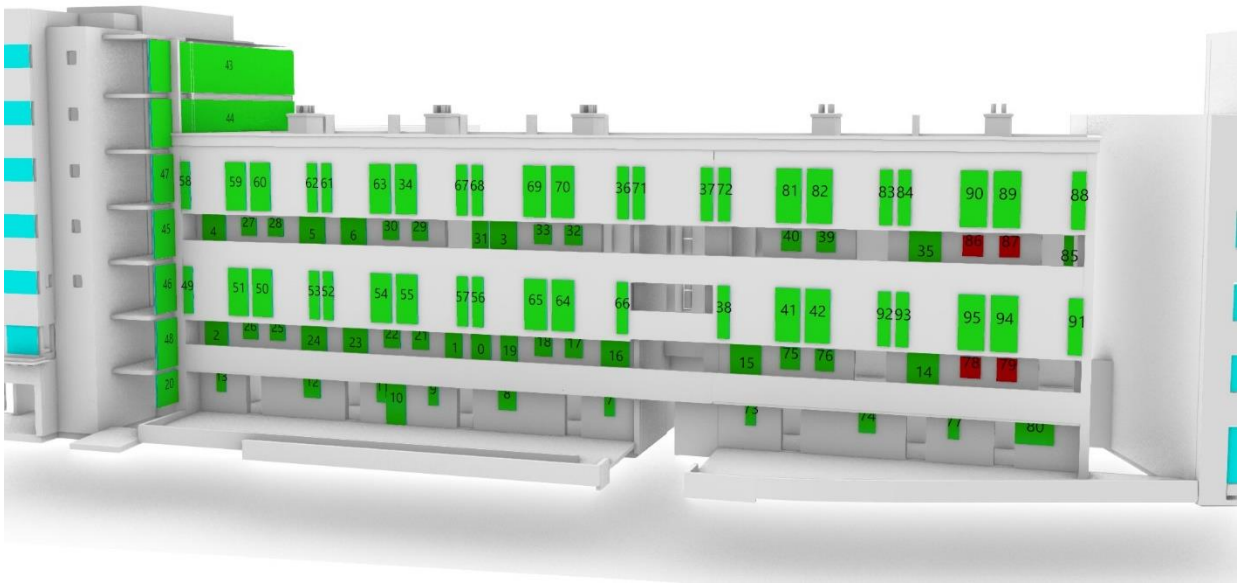
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
2	14.96	14.44	0.97	27	Pass	15	Pass	Negligible
3	21.55	20.40	0.95	27	Pass	15	Pass	Negligible
4	18.06	17.34	0.96	27	Pass	15	Pass	Negligible
5	21.06	20.48	0.97	27	Pass	15	Pass	Negligible
6	21.25	20.58	0.97	27	Pass	15	Pass	Negligible
7	6.87	6.17	0.90	27	Pass	15	Pass	Negligible
8	6.95	6.45	0.93	27	Pass	15	Pass	Negligible
9	7.10	6.63	0.93	27	Pass	15	Pass	Negligible
10	17.16	16.05	0.94	27	Pass	15	Pass	Negligible
11	7.58	7.15	0.94	27	Pass	15	Pass	Negligible
12	7.22	6.96	0.96	27	Pass	15	Pass	Negligible
13	6.15	5.79	0.94	27	Pass	15	Pass	Negligible
14	19.67	15.85	0.81	27	Pass	15	Pass	Negligible
15	19.63	17.35	0.88	27	Pass	15	Pass	Negligible
16	18.01	16.32	0.91	27	Pass	15	Pass	Negligible
17	8.65	7.85	0.91	27	Pass	15	Pass	Negligible
18	8.72	7.88	0.90	27	Pass	15	Pass	Negligible
19	18.27	16.60	0.91	27	Pass	15	Pass	Negligible
20	18.35	16.56	0.90	27	Pass	15	Pass	Negligible
21	8.46	8.00	0.94	27	Pass	15	Pass	Negligible
22	8.59	7.99	0.93	27	Pass	15	Pass	Negligible
23	17.80	17.09	0.96	27	Pass	15	Pass	Negligible
24	17.97	17.33	0.96	27	Pass	15	Pass	Negligible
25	7.78	7.35	0.95	27	Pass	15	Pass	Negligible
26	7.44	7.29	0.98	27	Pass	15	Pass	Negligible
27	12.11	11.43	0.94	27	Pass	15	Pass	Negligible
28	12.29	11.63	0.95	27	Pass	15	Pass	Negligible
29	12.55	11.73	0.93	27	Pass	15	Pass	Negligible
30	12.35	11.54	0.93	27	Pass	15	Pass	Negligible
31	21.28	20.32	0.95	27	Pass	15	Pass	Negligible
32	12.67	11.31	0.89	27	Pass	15	Pass	Negligible
33	12.55	11.46	0.91	27	Pass	15	Pass	Negligible
34	36.96	36.12	0.98	27	Pass	15	Pass	Negligible
35	21.84	17.97	0.82	27	Pass	15	Pass	Negligible
36	37.26	35.85	0.96	27	Pass	15	Pass	Negligible
37	37.34	35.46	0.95	27	Pass	15	Pass	Negligible
38	34.97	32.32	0.92	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
39	12.81	10.58	0.83	27	Pass	15	Pass	Negligible
40	12.76	10.72	0.84	27	Pass	15	Pass	Negligible
41	34.92	32.02	0.92	27	Pass	15	Pass	Negligible
42	34.92	31.87	0.91	27	Pass	15	Pass	Negligible
43	38.54	37.97	0.99	27	Pass	15	Pass	Negligible
44	37.34	36.62	0.98	27	Pass	15	Pass	Negligible
45	21.44	20.06	0.94	27	Pass	15	Pass	Negligible
46	20.05	18.44	0.92	27	Pass	15	Pass	Negligible
47	23.92	22.77	0.95	27	Pass	15	Pass	Negligible
48	19.22	17.63	0.92	27	Pass	15	Pass	Negligible
49	27.89	27.07	0.97	27	Pass	15	Pass	Negligible
50	33.77	32.90	0.97	27	Pass	15	Pass	Negligible
51	33.30	32.53	0.98	27	Pass	15	Pass	Negligible
52	34.09	33.24	0.98	27	Pass	15	Pass	Negligible
53	34.04	33.27	0.98	27	Pass	15	Pass	Negligible
54	34.45	33.38	0.97	27	Pass	15	Pass	Negligible
55	34.48	33.34	0.97	27	Pass	15	Pass	Negligible
56	34.46	33.19	0.96	27	Pass	15	Pass	Negligible
57	34.43	33.23	0.96	27	Pass	15	Pass	Negligible
58	29.95	29.60	0.99	27	Pass	15	Pass	Negligible
59	35.46	35.02	0.99	27	Pass	15	Pass	Negligible
60	36.06	35.59	0.99	27	Pass	15	Pass	Negligible
61	36.77	36.04	0.98	27	Pass	15	Pass	Negligible
62	36.76	36.01	0.98	27	Pass	15	Pass	Negligible
63	36.87	36.17	0.98	27	Pass	15	Pass	Negligible
64	34.74	33.02	0.95	27	Pass	15	Pass	Negligible
65	34.70	33.13	0.95	27	Pass	15	Pass	Negligible
66	34.74	32.94	0.95	27	Pass	15	Pass	Negligible
67	37.06	36.21	0.98	27	Pass	15	Pass	Negligible
68	37.07	36.17	0.98	27	Pass	15	Pass	Negligible
69	37.14	36.10	0.97	27	Pass	15	Pass	Negligible
70	37.18	36.02	0.97	27	Pass	15	Pass	Negligible
71	37.26	35.81	0.96	27	Pass	15	Pass	Negligible
72	37.33	35.37	0.95	27	Pass	15	Pass	Negligible
73	6.41	5.70	0.89	27	Pass	15	Pass	Negligible
74	6.27	5.65	0.90	27	Pass	15	Pass	Negligible
75	10.90	9.38	0.86	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
76	11.33	9.62	0.85	27	Pass	15	Pass	Negligible
77	6.62	5.39	0.81	27	Pass	15	Pass	Negligible
78	11.03	8.46	0.77	27	Fail	15	Fail	Minor
79	11.35	8.54	0.75	27	Fail	15	Fail	Minor
80	6.27	5.14	0.82	27	Pass	15	Pass	Negligible
81	37.32	34.99	0.94	27	Pass	15	Pass	Negligible
82	37.32	34.86	0.93	27	Pass	15	Pass	Negligible
83	37.39	34.43	0.92	27	Pass	15	Pass	Negligible
84	37.40	34.40	0.92	27	Pass	15	Pass	Negligible
85	16.18	15.05	0.93	27	Pass	15	Pass	Negligible
86	12.89	9.54	0.74	27	Fail	15	Fail	Minor
87	12.84	9.21	0.72	27	Fail	15	Fail	Minor
88	37.52	32.55	0.87	27	Pass	15	Pass	Negligible
89	37.45	33.13	0.88	27	Pass	15	Pass	Negligible
90	37.44	33.71	0.90	27	Pass	15	Pass	Negligible
91	34.91	28.90	0.83	27	Pass	15	Pass	Negligible
92	35.00	31.14	0.89	27	Pass	15	Pass	Negligible
93	34.99	30.95	0.88	27	Pass	15	Pass	Negligible
94	34.83	29.83	0.86	27	Pass	15	Pass	Negligible
95	34.94	30.18	0.86	27	Pass	15	Pass	Negligible

Test 2

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	18.30	17.06	0.93	27	Pass	15	Pass	Negligible
1	17.92	16.79	0.94	27	Pass	15	Pass	Negligible
2	14.76	14.24	0.97	27	Pass	15	Pass	Negligible
3	21.39	20.35	0.95	27	Pass	15	Pass	Negligible
4	17.89	17.45	0.98	27	Pass	15	Pass	Negligible
5	21.05	20.54	0.98	27	Pass	15	Pass	Negligible
6	21.18	20.43	0.96	27	Pass	15	Pass	Negligible
7	6.72	6.10	0.91	27	Pass	15	Pass	Negligible
8	6.86	6.56	0.96	27	Pass	15	Pass	Negligible
9	6.95	6.56	0.94	27	Pass	15	Pass	Negligible
10	16.79	15.96	0.95	27	Pass	15	Pass	Negligible
11	7.33	6.96	0.95	27	Pass	15	Pass	Negligible
12	7.20	6.77	0.94	27	Pass	15	Pass	Negligible
13	6.10	5.70	0.93	27	Pass	15	Pass	Negligible
14	19.48	15.74	0.81	27	Pass	15	Pass	Negligible
15	19.48	17.00	0.87	27	Pass	15	Pass	Negligible
16	17.95	16.34	0.91	27	Pass	15	Pass	Negligible

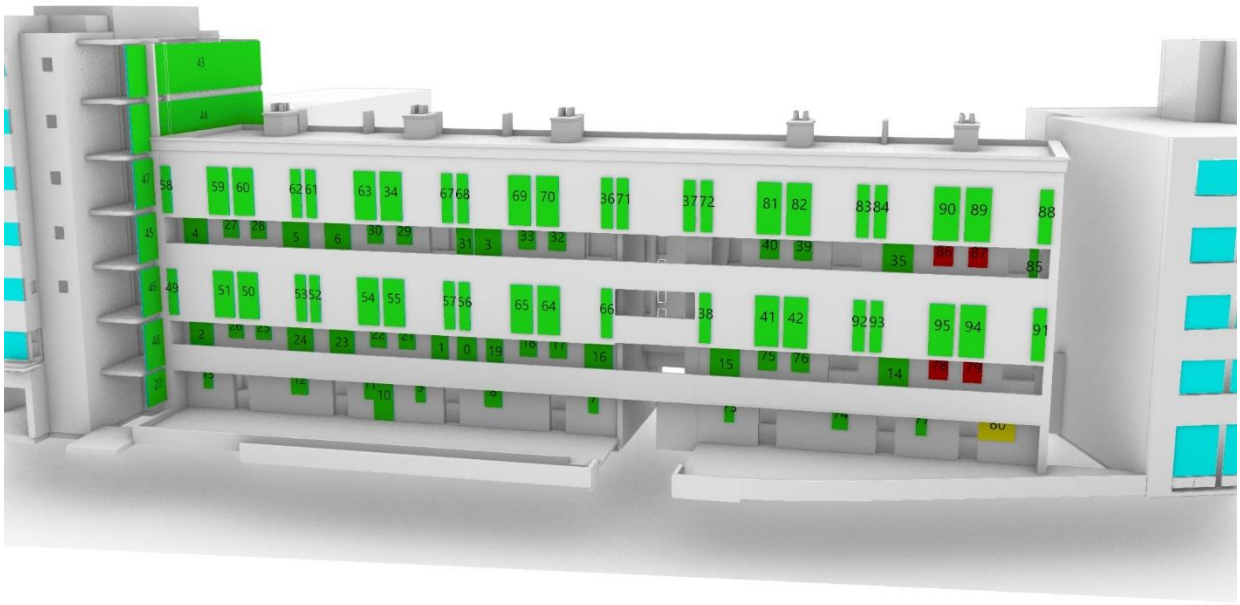
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
17	8.64	7.85	0.91	27	Pass	15	Pass	Negligible
18	8.48	7.85	0.92	27	Pass	15	Pass	Negligible
19	17.92	16.89	0.94	27	Pass	15	Pass	Negligible
20	17.68	16.26	0.92	27	Pass	15	Pass	Negligible
21	8.43	7.95	0.94	27	Pass	15	Pass	Negligible
22	8.28	7.99	0.96	27	Pass	15	Pass	Negligible
23	17.88	17.11	0.96	27	Pass	15	Pass	Negligible
24	17.87	17.06	0.95	27	Pass	15	Pass	Negligible
25	7.67	7.42	0.97	27	Pass	15	Pass	Negligible
26	7.45	7.24	0.97	27	Pass	15	Pass	Negligible
27	11.93	11.40	0.96	27	Pass	15	Pass	Negligible
28	11.92	11.52	0.97	27	Pass	15	Pass	Negligible
29	12.33	11.63	0.94	27	Pass	15	Pass	Negligible
30	12.32	11.65	0.95	27	Pass	15	Pass	Negligible
31	21.15	20.34	0.96	27	Pass	15	Pass	Negligible
32	12.53	11.35	0.91	27	Pass	15	Pass	Negligible
33	12.44	11.15	0.90	27	Pass	15	Pass	Negligible
34	37.04	36.19	0.98	27	Pass	15	Pass	Negligible
35	21.51	18.01	0.84	27	Pass	15	Pass	Negligible
36	36.94	35.79	0.97	27	Pass	15	Pass	Negligible
37	37.08	35.47	0.96	27	Pass	15	Pass	Negligible
38	34.46	32.33	0.94	27	Pass	15	Pass	Negligible
39	12.44	10.35	0.83	27	Pass	15	Pass	Negligible
40	12.56	10.75	0.86	27	Pass	15	Pass	Negligible
41	34.69	32.06	0.92	27	Pass	15	Pass	Negligible
42	34.68	31.83	0.92	27	Pass	15	Pass	Negligible
43	38.31	37.98	0.99	27	Pass	15	Pass	Negligible
44	36.98	36.47	0.99	27	Pass	15	Pass	Negligible
45	20.97	19.96	0.95	27	Pass	15	Pass	Negligible
46	19.54	18.52	0.95	27	Pass	15	Pass	Negligible
47	23.55	22.63	0.96	27	Pass	15	Pass	Negligible
48	18.72	17.58	0.94	27	Pass	15	Pass	Negligible
49	27.65	27.30	0.99	27	Pass	15	Pass	Negligible
50	33.58	32.92	0.98	27	Pass	15	Pass	Negligible
51	33.14	32.52	0.98	27	Pass	15	Pass	Negligible
52	33.98	33.23	0.98	27	Pass	15	Pass	Negligible
53	33.94	33.19	0.98	27	Pass	15	Pass	Negligible
54	34.06	33.33	0.98	27	Pass	15	Pass	Negligible
55	34.08	33.28	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
56	34.33	33.33	0.97	27	Pass	15	Pass	Negligible
57	34.32	33.37	0.97	27	Pass	15	Pass	Negligible
58	29.84	29.55	0.99	27	Pass	15	Pass	Negligible
59	35.37	35.08	0.99	27	Pass	15	Pass	Negligible
60	36.03	35.56	0.99	27	Pass	15	Pass	Negligible
61	36.60	36.07	0.99	27	Pass	15	Pass	Negligible
62	36.58	36.07	0.99	27	Pass	15	Pass	Negligible
63	37.05	36.20	0.98	27	Pass	15	Pass	Negligible
64	34.41	32.90	0.96	27	Pass	15	Pass	Negligible
65	34.42	33.06	0.96	27	Pass	15	Pass	Negligible
66	34.56	32.86	0.95	27	Pass	15	Pass	Negligible
67	36.95	36.12	0.98	27	Pass	15	Pass	Negligible
68	36.91	36.11	0.98	27	Pass	15	Pass	Negligible
69	37.01	36.01	0.97	27	Pass	15	Pass	Negligible
70	37.10	35.92	0.97	27	Pass	15	Pass	Negligible
71	37.01	35.76	0.97	27	Pass	15	Pass	Negligible
72	37.07	35.38	0.95	27	Pass	15	Pass	Negligible
73	6.37	5.99	0.94	27	Pass	15	Pass	Negligible
74	6.44	5.67	0.88	27	Pass	15	Pass	Negligible
75	10.78	9.40	0.87	27	Pass	15	Pass	Negligible
76	11.11	9.46	0.85	27	Pass	15	Pass	Negligible
77	6.38	5.55	0.87	27	Pass	15	Pass	Negligible
78	10.75	8.31	0.77	27	Fail	15	Fail	Minor
79	11.39	8.38	0.74	27	Fail	15	Fail	Minor
80	6.24	5.10	0.82	27	Pass	15	Pass	Negligible
81	37.06	35.10	0.95	27	Pass	15	Pass	Negligible
82	37.06	34.83	0.94	27	Pass	15	Pass	Negligible
83	37.15	34.44	0.93	27	Pass	15	Pass	Negligible
84	37.15	34.35	0.92	27	Pass	15	Pass	Negligible
85	16.16	15.09	0.93	27	Pass	15	Pass	Negligible
86	12.64	9.52	0.75	27	Fail	15	Fail	Minor
87	12.57	9.33	0.74	27	Fail	15	Fail	Minor
88	37.14	32.47	0.87	27	Pass	15	Pass	Negligible
89	37.16	33.23	0.89	27	Pass	15	Pass	Negligible
90	37.17	33.61	0.90	27	Pass	15	Pass	Negligible
91	34.42	28.81	0.84	27	Pass	15	Pass	Negligible
92	34.70	31.15	0.90	27	Pass	15	Pass	Negligible
93	34.68	30.97	0.89	27	Pass	15	Pass	Negligible
94	34.42	29.87	0.87	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
95	34.53	30.26	0.88	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	18.52	17.23	0.93	27	Pass	15	Pass	Negligible
1	18.04	16.81	0.93	27	Pass	15	Pass	Negligible
2	14.83	14.29	0.96	27	Pass	15	Pass	Negligible
3	21.38	20.22	0.95	27	Pass	15	Pass	Negligible
4	17.92	17.43	0.97	27	Pass	15	Pass	Negligible
5	21.05	20.31	0.97	27	Pass	15	Pass	Negligible
6	21.17	20.49	0.97	27	Pass	15	Pass	Negligible
7	6.82	6.20	0.91	27	Pass	15	Pass	Negligible
8	7.08	6.43	0.91	27	Pass	15	Pass	Negligible
9	7.09	6.56	0.93	27	Pass	15	Pass	Negligible
10	16.94	16.10	0.95	27	Pass	15	Pass	Negligible

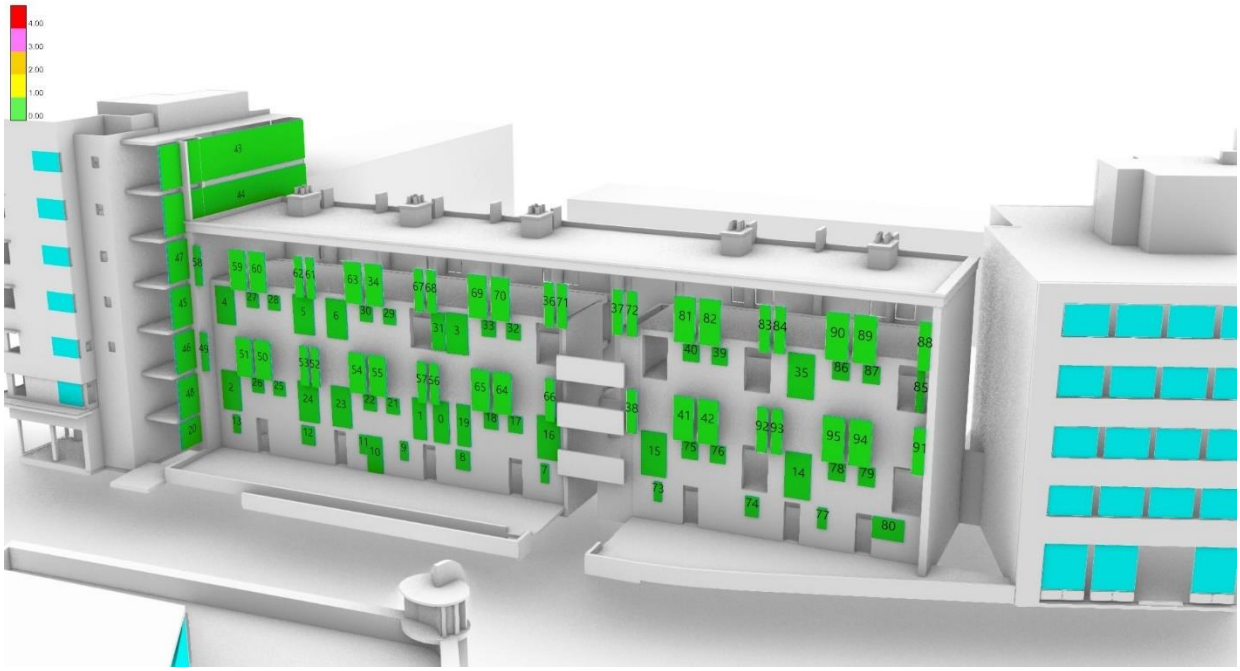
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
11	7.47	7.24	0.97	27	Pass	15	Pass	Negligible
12	7.14	6.83	0.96	27	Pass	15	Pass	Negligible
13	6.01	5.81	0.97	27	Pass	15	Pass	Negligible
14	19.55	15.79	0.81	27	Pass	15	Pass	Negligible
15	19.62	17.28	0.88	27	Pass	15	Pass	Negligible
16	18.09	16.43	0.91	27	Pass	15	Pass	Negligible
17	8.85	7.78	0.88	27	Pass	15	Pass	Negligible
18	8.75	7.82	0.89	27	Pass	15	Pass	Negligible
19	18.21	16.80	0.92	27	Pass	15	Pass	Negligible
20	18.09	16.28	0.90	27	Pass	15	Pass	Negligible
21	8.35	7.79	0.93	27	Pass	15	Pass	Negligible
22	8.43	7.81	0.93	27	Pass	15	Pass	Negligible
23	17.99	16.88	0.94	27	Pass	15	Pass	Negligible
24	18.13	17.01	0.94	27	Pass	15	Pass	Negligible
25	7.70	7.39	0.96	27	Pass	15	Pass	Negligible
26	7.55	7.22	0.96	27	Pass	15	Pass	Negligible
27	12.00	11.41	0.95	27	Pass	15	Pass	Negligible
28	12.16	11.73	0.96	27	Pass	15	Pass	Negligible
29	12.54	11.60	0.92	27	Pass	15	Pass	Negligible
30	12.47	11.67	0.94	27	Pass	15	Pass	Negligible
31	21.41	20.35	0.95	27	Pass	15	Pass	Negligible
32	12.53	11.46	0.91	27	Pass	15	Pass	Negligible
33	12.53	11.35	0.91	27	Pass	15	Pass	Negligible
34	36.91	36.20	0.98	27	Pass	15	Pass	Negligible
35	21.92	18.00	0.82	27	Pass	15	Pass	Negligible
36	37.18	35.73	0.96	27	Pass	15	Pass	Negligible
37	37.24	35.52	0.95	27	Pass	15	Pass	Negligible
38	34.87	32.44	0.93	27	Pass	15	Pass	Negligible
39	12.93	10.54	0.81	27	Pass	15	Pass	Negligible
40	12.69	10.71	0.84	27	Pass	15	Pass	Negligible
41	35.08	31.95	0.91	27	Pass	15	Pass	Negligible
42	35.07	31.78	0.91	27	Pass	15	Pass	Negligible
43	38.52	37.96	0.99	27	Pass	15	Pass	Negligible
44	37.41	36.52	0.98	27	Pass	15	Pass	Negligible
45	21.47	20.10	0.94	27	Pass	15	Pass	Negligible
46	20.07	18.50	0.92	27	Pass	15	Pass	Negligible
47	23.87	22.72	0.95	27	Pass	15	Pass	Negligible
48	19.35	17.47	0.90	27	Pass	15	Pass	Negligible
49	27.85	27.16	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
50	33.55	32.82	0.98	27	Pass	15	Pass	Negligible
51	33.15	32.50	0.98	27	Pass	15	Pass	Negligible
52	34.26	33.05	0.96	27	Pass	15	Pass	Negligible
53	34.16	33.04	0.97	27	Pass	15	Pass	Negligible
54	34.13	33.38	0.98	27	Pass	15	Pass	Negligible
55	34.16	33.32	0.98	27	Pass	15	Pass	Negligible
56	34.52	33.24	0.96	27	Pass	15	Pass	Negligible
57	34.51	33.28	0.96	27	Pass	15	Pass	Negligible
58	29.93	29.40	0.98	27	Pass	15	Pass	Negligible
59	35.64	35.17	0.99	27	Pass	15	Pass	Negligible
60	36.14	35.66	0.99	27	Pass	15	Pass	Negligible
61	36.72	36.05	0.98	27	Pass	15	Pass	Negligible
62	36.66	36.00	0.98	27	Pass	15	Pass	Negligible
63	36.88	36.15	0.98	27	Pass	15	Pass	Negligible
64	34.49	33.16	0.96	27	Pass	15	Pass	Negligible
65	34.47	33.28	0.97	27	Pass	15	Pass	Negligible
66	34.81	32.94	0.95	27	Pass	15	Pass	Negligible
67	37.01	36.26	0.98	27	Pass	15	Pass	Negligible
68	37.01	36.10	0.98	27	Pass	15	Pass	Negligible
69	37.12	35.98	0.97	27	Pass	15	Pass	Negligible
70	37.18	35.93	0.97	27	Pass	15	Pass	Negligible
71	37.18	35.69	0.96	27	Pass	15	Pass	Negligible
72	37.23	35.43	0.95	27	Pass	15	Pass	Negligible
73	6.52	5.71	0.88	27	Pass	15	Pass	Negligible
74	6.58	5.51	0.84	27	Pass	15	Pass	Negligible
75	11.11	9.31	0.84	27	Pass	15	Pass	Negligible
76	11.24	9.50	0.84	27	Pass	15	Pass	Negligible
77	6.61	5.44	0.82	27	Pass	15	Pass	Negligible
78	10.82	8.28	0.77	27	Fail	15	Fail	Minor
79	11.42	8.39	0.73	27	Fail	15	Fail	Minor
80	6.52	5.20	0.80	27	Marginal Fail	15	Marginal Fail	Minor
81	37.38	35.05	0.94	27	Pass	15	Pass	Negligible
82	37.38	35.02	0.94	27	Pass	15	Pass	Negligible
83	37.41	34.33	0.92	27	Pass	15	Pass	Negligible
84	37.41	34.23	0.91	27	Pass	15	Pass	Negligible
85	16.34	15.07	0.92	27	Pass	15	Pass	Negligible
86	12.90	9.53	0.74	27	Fail	15	Fail	Minor
87	12.85	9.40	0.73	27	Fail	15	Fail	Minor

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
88	37.53	32.45	0.86	27	Pass	15	Pass	Negligible
89	37.43	33.25	0.89	27	Pass	15	Pass	Negligible
90	37.43	33.57	0.90	27	Pass	15	Pass	Negligible
91	34.87	28.91	0.83	27	Pass	15	Pass	Negligible
92	35.02	31.20	0.89	27	Pass	15	Pass	Negligible
93	35.00	31.00	0.89	27	Pass	15	Pass	Negligible
94	34.95	29.73	0.85	27	Pass	15	Pass	Negligible
95	35.00	30.18	0.86	27	Pass	15	Pass	Negligible

Test 4

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	31.2	29.9	0.96	27	Pass	15	Pass	Negligible
1	31.3	30.0	0.96	27	Pass	15	Pass	Negligible
2	25.0	24.5	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
3	32.4	31.4	0.97	27	Pass	15	Pass	Negligible
4	26.4	26.0	0.98	27	Pass	15	Pass	Negligible
5	31.9	31.3	0.98	27	Pass	15	Pass	Negligible
6	32.3	31.0	0.96	27	Pass	15	Pass	Negligible
7	29.2	28.4	0.97	27	Pass	15	Pass	Negligible
8	31.4	30.3	0.97	27	Pass	15	Pass	Negligible
9	31.2	30.1	0.97	27	Pass	15	Pass	Negligible
10	31.0	29.8	0.96	27	Pass	15	Pass	Negligible
11	31.3	30.2	0.96	27	Pass	15	Pass	Negligible
12	30.7	29.9	0.97	27	Pass	15	Pass	Negligible
13	25.7	24.9	0.97	27	Pass	15	Pass	Negligible
14	31.2	27.2	0.87	27	Pass	15	Pass	Negligible
15	29.9	27.3	0.91	27	Pass	15	Pass	Negligible
16	29.4	27.3	0.93	27	Pass	15	Pass	Negligible
17	29.1	27.5	0.95	27	Pass	15	Pass	Negligible
18	29.1	27.6	0.95	27	Pass	15	Pass	Negligible
19	31.1	29.7	0.96	27	Pass	15	Pass	Negligible
20	18.8	16.9	0.90	27	Pass	15	Pass	Negligible
21	29.1	28.0	0.96	27	Pass	15	Pass	Negligible
22	28.9	27.9	0.97	27	Pass	15	Pass	Negligible
23	30.9	30.2	0.98	27	Pass	15	Pass	Negligible
24	30.8	29.4	0.95	27	Pass	15	Pass	Negligible
25	27.6	26.7	0.97	27	Pass	15	Pass	Negligible
26	26.5	25.9	0.98	27	Pass	15	Pass	Negligible
27	27.4	27.0	0.99	27	Pass	15	Pass	Negligible
28	28.5	28.0	0.98	27	Pass	15	Pass	Negligible
29	30.0	28.8	0.96	27	Pass	15	Pass	Negligible
30	29.6	28.9	0.98	27	Pass	15	Pass	Negligible
31	32.6	31.5	0.96	27	Pass	15	Pass	Negligible
32	29.7	28.6	0.96	27	Pass	15	Pass	Negligible
33	30.0	28.4	0.95	27	Pass	15	Pass	Negligible
34	36.9	36.1	0.98	27	Pass	15	Pass	Negligible
35	33.1	29.2	0.88	27	Pass	15	Pass	Negligible
36	37.3	35.8	0.96	27	Pass	15	Pass	Negligible
37	37.3	35.5	0.95	27	Pass	15	Pass	Negligible
38	34.8	32.4	0.93	27	Pass	15	Pass	Negligible
39	30.1	27.5	0.91	27	Pass	15	Pass	Negligible
40	30.2	27.5	0.91	27	Pass	15	Pass	Negligible
41	35.0	32.0	0.92	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
42	34.9	31.8	0.91	27	Pass	15	Pass	Negligible
43	38.5	38.0	0.99	27	Pass	15	Pass	Negligible
44	37.3	36.5	0.98	27	Pass	15	Pass	Negligible
45	21.8	20.5	0.94	27	Pass	15	Pass	Negligible
46	20.6	19.0	0.92	27	Pass	15	Pass	Negligible
47	23.9	22.9	0.96	27	Pass	15	Pass	Negligible
48	19.8	18.0	0.91	27	Pass	15	Pass	Negligible
49	27.8	27.2	0.98	27	Pass	15	Pass	Negligible
50	33.8	32.8	0.97	27	Pass	15	Pass	Negligible
51	33.2	32.5	0.98	27	Pass	15	Pass	Negligible
52	34.0	33.2	0.98	27	Pass	15	Pass	Negligible
53	34.1	33.3	0.98	27	Pass	15	Pass	Negligible
54	34.3	33.3	0.97	27	Pass	15	Pass	Negligible
55	34.3	33.3	0.97	27	Pass	15	Pass	Negligible
56	34.7	33.2	0.96	27	Pass	15	Pass	Negligible
57	34.7	33.3	0.96	27	Pass	15	Pass	Negligible
58	30.0	29.6	0.99	27	Pass	15	Pass	Negligible
59	35.6	35.1	0.99	27	Pass	15	Pass	Negligible
60	36.1	35.6	0.99	27	Pass	15	Pass	Negligible
61	36.8	36.1	0.98	27	Pass	15	Pass	Negligible
62	36.8	36.1	0.98	27	Pass	15	Pass	Negligible
63	36.9	36.4	0.99	27	Pass	15	Pass	Negligible
64	34.6	33.1	0.96	27	Pass	15	Pass	Negligible
65	34.7	33.3	0.96	27	Pass	15	Pass	Negligible
66	34.7	33.0	0.95	27	Pass	15	Pass	Negligible
67	37.1	36.1	0.97	27	Pass	15	Pass	Negligible
68	37.1	36.1	0.97	27	Pass	15	Pass	Negligible
69	37.2	36.1	0.97	27	Pass	15	Pass	Negligible
70	37.1	35.9	0.97	27	Pass	15	Pass	Negligible
71	37.3	35.7	0.96	27	Pass	15	Pass	Negligible
72	37.3	35.4	0.95	27	Pass	15	Pass	Negligible
73	29.4	27.1	0.92	27	Pass	15	Pass	Negligible
74	31.7	27.8	0.88	27	Pass	15	Pass	Negligible
75	29.1	26.2	0.90	27	Pass	15	Pass	Negligible
76	29.2	26.1	0.89	27	Pass	15	Pass	Negligible
77	31.2	26.7	0.86	27	Pass	15	Pass	Negligible
78	29.0	24.1	0.83	27	Pass	15	Pass	Negligible
79	28.6	23.9	0.83	27	Pass	15	Pass	Negligible
80	29.0	24.9	0.86	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
81	37.4	35.1	0.94	27	Pass	15	Pass	Negligible
82	37.3	34.8	0.93	27	Pass	15	Pass	Negligible
83	37.3	34.4	0.92	27	Pass	15	Pass	Negligible
84	37.3	34.3	0.92	27	Pass	15	Pass	Negligible
85	23.9	22.7	0.95	27	Pass	15	Pass	Negligible
86	30.1	25.9	0.86	27	Pass	15	Pass	Negligible
87	30.1	25.2	0.84	27	Pass	15	Pass	Negligible
88	37.6	32.5	0.87	27	Pass	15	Pass	Negligible
89	37.4	33.3	0.89	27	Pass	15	Pass	Negligible
90	37.4	33.7	0.90	27	Pass	15	Pass	Negligible
91	35.0	29.0	0.83	27	Pass	15	Pass	Negligible
92	35.0	31.2	0.89	27	Pass	15	Pass	Negligible
93	35.0	31.0	0.89	27	Pass	15	Pass	Negligible
94	35.0	29.7	0.85	27	Pass	15	Pass	Negligible
95	35.0	30.3	0.87	27	Pass	15	Pass	Negligible

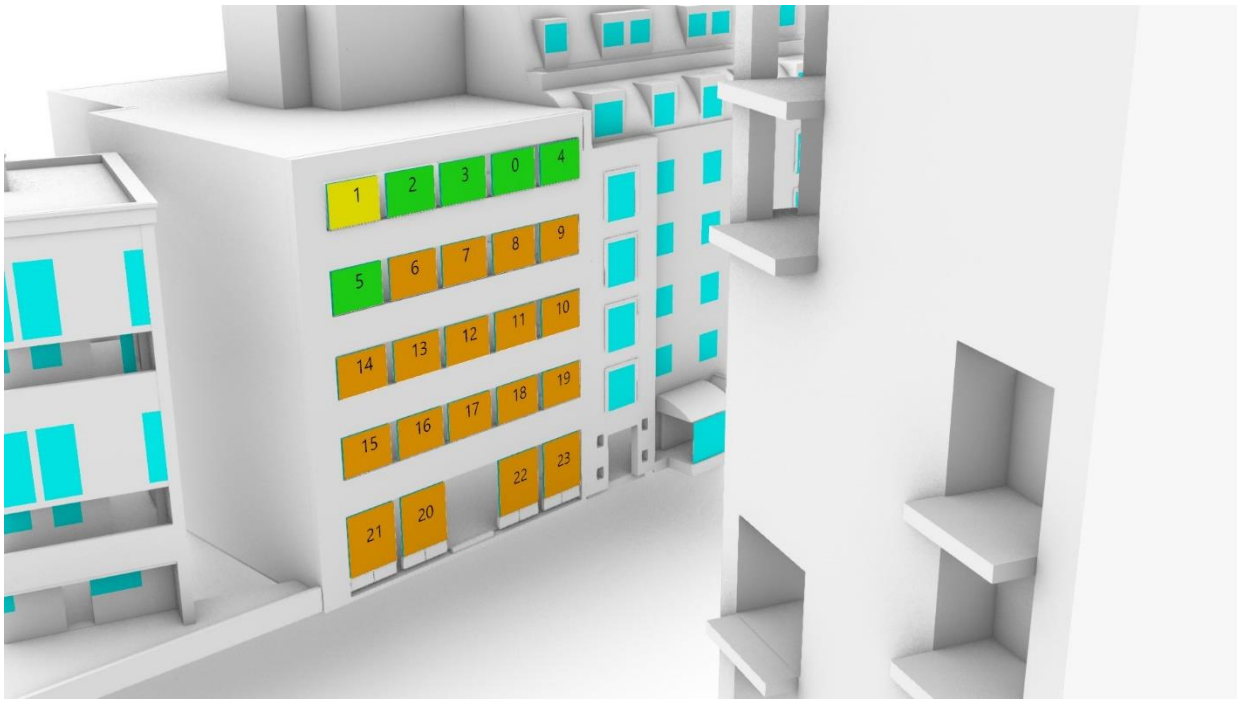
6.1.4 2-10 Fenian St

Summary

Total Windows	24		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	25.0%	100.0%	0.0%	4.2%	29.2%	58.3%	8.3%
Test 2	25.0%	100.0%	0.0%	4.2%	50.0%	45.8%	0.0%
Test 3	25.0%	100.0%	0.0%	0.0%	29.2%	50.0%	20.8%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	37.73	28.25	0.75	27	Pass	15	Pass	Minor
1	37.80	30.25	0.80	27	Pass	15	Pass	Negligible
2	37.78	29.56	0.78	27	Pass	15	Pass	Minor
3	37.78	28.87	0.76	27	Pass	15	Pass	Minor
4	37.67	27.48	0.73	27	Pass	15	Pass	Minor

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
5	37.00	27.47	0.74	27	Pass	15	Pass	Minor
6	37.04	26.74	0.72	27	Fail	15	Pass	Minor
7	37.03	25.95	0.70	27	Fail	15	Pass	Minor
8	36.91	24.99	0.68	27	Fail	15	Pass	Moderate
9	36.81	24.53	0.67	27	Fail	15	Pass	Moderate
10	35.51	21.41	0.60	27	Fail	15	Pass	Moderate
11	35.48	22.40	0.63	27	Fail	15	Pass	Moderate
12	35.51	23.25	0.65	27	Fail	15	Pass	Moderate
13	35.50	24.01	0.68	27	Fail	15	Pass	Moderate
14	35.58	24.71	0.69	27	Fail	15	Pass	Moderate
15	33.16	22.63	0.68	27	Fail	15	Pass	Moderate
16	33.15	21.62	0.65	27	Fail	15	Pass	Moderate
17	32.92	20.87	0.63	27	Fail	15	Pass	Moderate
18	33.08	20.00	0.60	27	Fail	15	Pass	Moderate
19	32.95	19.10	0.58	27	Fail	15	Pass	Major
20	29.43	19.39	0.66	27	Fail	15	Pass	Moderate
21	29.70	20.36	0.69	27	Fail	15	Pass	Moderate
22	29.38	17.89	0.61	27	Fail	15	Pass	Moderate
23	29.17	16.81	0.58	27	Fail	15	Pass	Major

Test 2

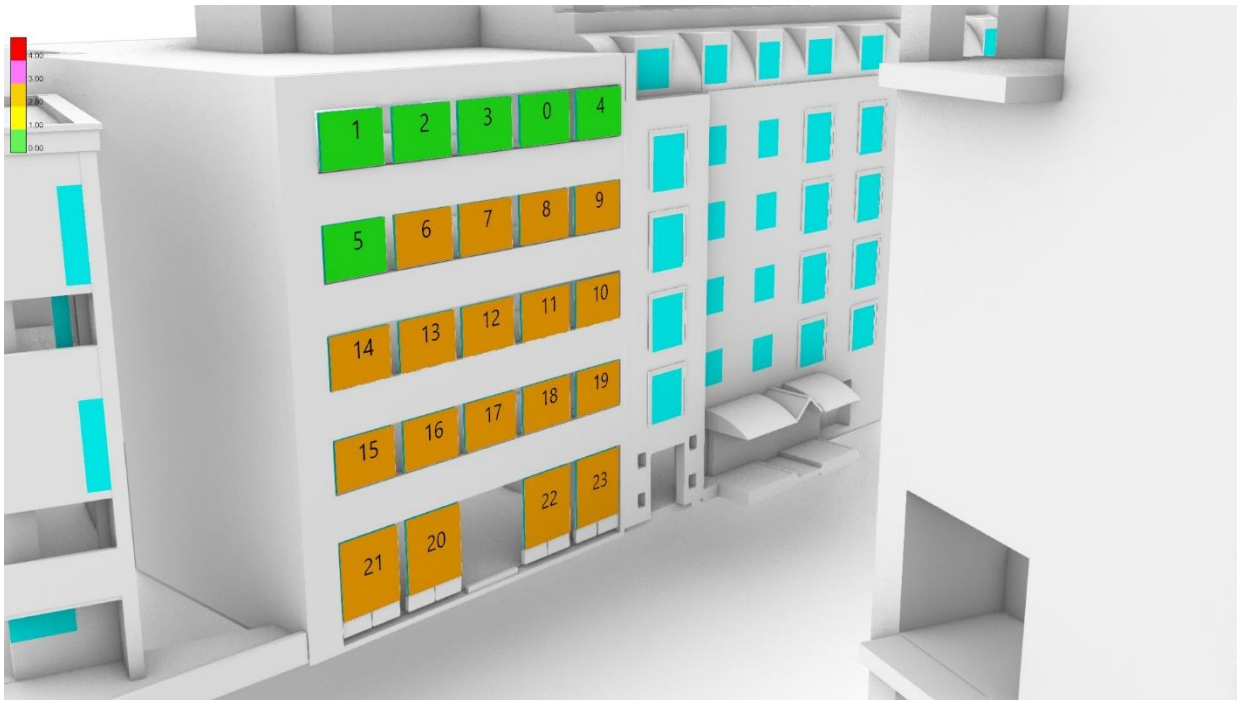
Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	36.171	27.8478	0.77	27	Pass	15	Pass	Minor
1	36.684	30.0267	0.82	27	Pass	15	Pass	Negligible
2	36.58	29.221	0.8	27	Pass	15	Pass	Minor
3	36.376	28.7154	0.79	27	Pass	15	Pass	Minor
4	35.956	27.0783	0.75	27	Pass	15	Pass	Minor
5	35.71	27.233	0.76	27	Pass	15	Pass	Minor
6	35.475	26.3685	0.74	27	Fail	15	Pass	Minor
7	35.187	25.5577	0.73	27	Fail	15	Pass	Minor
8	34.974	24.6429	0.7	27	Fail	15	Pass	Minor
9	34.819	23.9476	0.69	27	Fail	15	Pass	Moderate
10	33.057	20.9997	0.64	27	Fail	15	Pass	Moderate
11	33.435	21.8681	0.65	27	Fail	15	Pass	Moderate
12	33.623	22.8986	0.68	27	Fail	15	Pass	Moderate
13	33.856	23.9044	0.71	27	Fail	15	Pass	Minor
14	34.156	24.6041	0.72	27	Fail	15	Pass	Minor
15	31.632	22.2162	0.7	27	Fail	15	Pass	Minor
16	31.527	21.2263	0.67	27	Fail	15	Pass	Moderate
17	31.257	20.3534	0.65	27	Fail	15	Pass	Moderate
18	31.033	19.3332	0.62	27	Fail	15	Pass	Moderate
19	30.654	18.4401	0.6	27	Fail	15	Pass	Moderate
20	27.919	19.102	0.68	27	Fail	15	Pass	Moderate
21	28.457	19.9762	0.7	27	Fail	15	Pass	Minor
22	27.34	17.2814	0.63	27	Fail	15	Pass	Moderate
23	27.057	16.2542	0.6	27	Fail	15	Pass	Moderate

Test 3

Image



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	37.7	28.0	0.74	27	Pass	15	Pass	Minor
1	37.8	30.0	0.79	27	Pass	15	Pass	Minor
2	37.7	29.3	0.78	27	Pass	15	Pass	Minor
3	37.8	28.7	0.76	27	Pass	15	Pass	Minor
4	37.6	27.2	0.72	27	Pass	15	Pass	Minor
5	37.0	27.4	0.74	27	Pass	15	Pass	Minor
6	37.0	26.5	0.71	27	Fail	15	Pass	Minor
7	36.9	25.6	0.69	27	Fail	15	Pass	Moderate
8	36.9	24.8	0.67	27	Fail	15	Pass	Moderate
9	36.9	23.8	0.65	27	Fail	15	Pass	Moderate
10	35.5	21.1	0.59	27	Fail	15	Pass	Major
11	35.7	21.9	0.61	27	Fail	15	Pass	Moderate
12	35.5	22.9	0.64	27	Fail	15	Pass	Moderate
13	35.6	23.8	0.67	27	Fail	15	Pass	Moderate
14	35.6	24.6	0.69	27	Fail	15	Pass	Moderate
15	33.1	22.4	0.68	27	Fail	15	Pass	Moderate
16	33.1	21.6	0.65	27	Fail	15	Pass	Moderate

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
17	32.9	20.5	0.62	27	Fail	15	Pass	Moderate
18	32.9	19.5	0.59	27	Fail	15	Pass	Major
19	32.9	18.6	0.56	27	Fail	15	Pass	Major
20	29.5	19.1	0.65	27	Fail	15	Pass	Moderate
21	29.7	19.9	0.67	27	Fail	15	Pass	Moderate
22	29.2	17.1	0.59	27	Fail	15	Pass	Major
23	29.2	16.4	0.56	27	Fail	15	Pass	Major

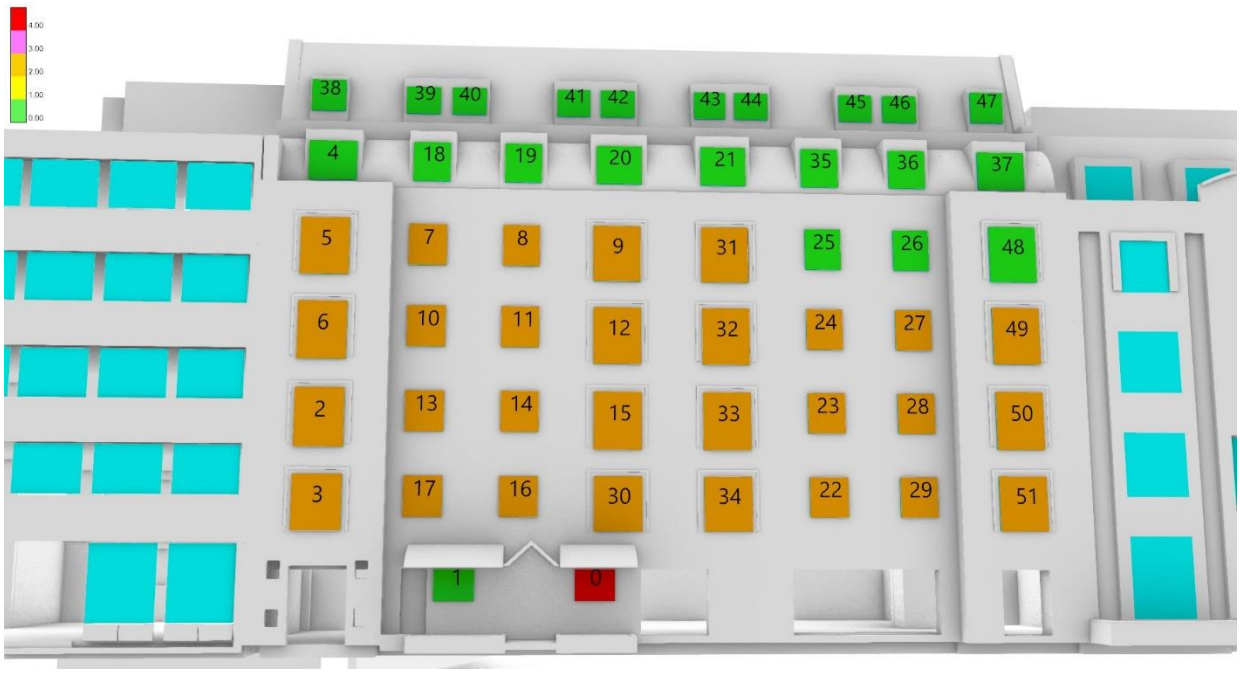
6.1.5 Alexander Court, 11-14 Fenian St

Summary

Total Windows	52		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	42.3%	98.1%	0.0%	28.8%	23.1%	26.9%	21.2%
Test 2	30.8%	88.5%	1.9%	23.1%	21.2%	28.8%	25.0%
Test 3	25.0%	86.5%	0.0%	19.2%	9.6%	19.2%	51.9%
Test 4	38.5%	100.0%	0.0%	26.9%	25.0%	26.9%	21.2%

Test 1

Images



Results

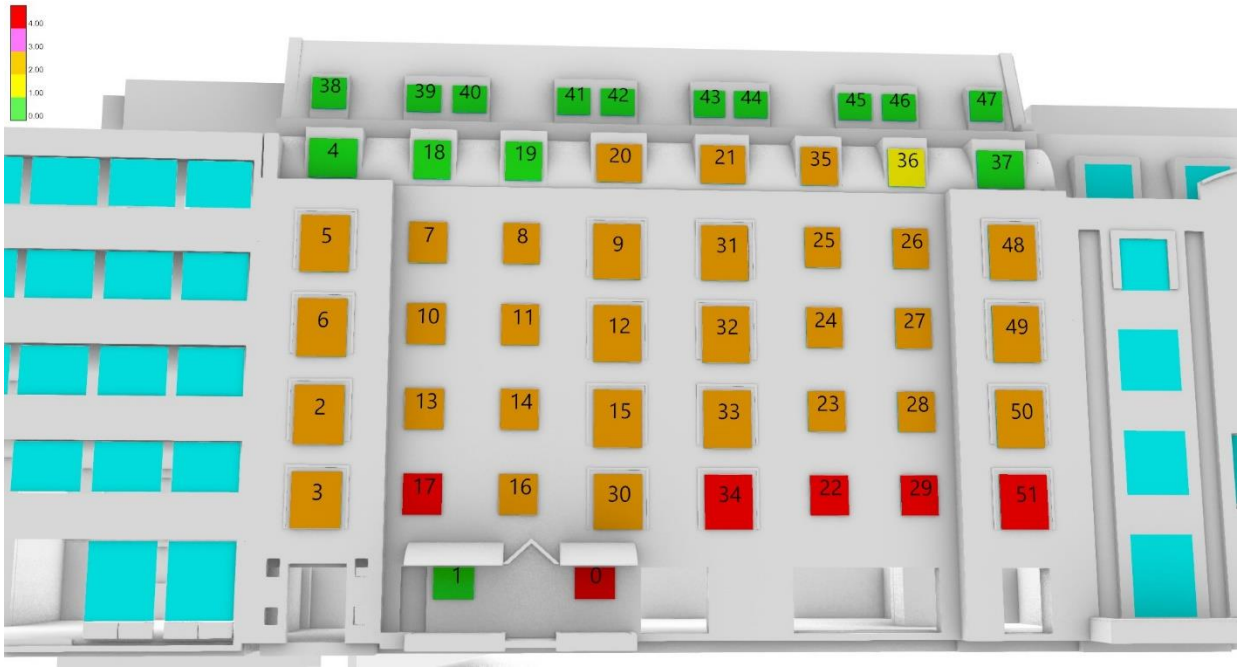
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	1.2	0.5	0.44	27	Fail	15	Fail	Major

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
1	0.9	0.8	0.81	27	Pass	15	Pass	Negligible
2	34.4	19.6	0.57	27	Fail	15	Pass	Major
3	31.8	17.6	0.55	27	Fail	15	Pass	Major
4	37.4	28.4	0.76	27	Pass	15	Pass	Minor
5	37.1	24.9	0.67	27	Fail	15	Pass	Moderate
6	36.4	22.1	0.61	27	Fail	15	Pass	Moderate
7	35.3	23.4	0.66	27	Fail	15	Pass	Moderate
8	36.9	25.0	0.68	27	Fail	15	Pass	Moderate
9	36.7	25.3	0.69	27	Fail	15	Pass	Moderate
10	34.4	20.4	0.59	27	Fail	15	Pass	Major
11	36.0	22.2	0.62	27	Fail	15	Pass	Moderate
12	35.8	22.7	0.64	27	Fail	15	Pass	Moderate
13	32.7	18.2	0.56	27	Fail	15	Pass	Major
14	34.2	19.8	0.58	27	Fail	15	Pass	Major
15	34.1	20.3	0.59	27	Fail	15	Pass	Major
16	31.9	17.8	0.56	27	Fail	15	Pass	Major
17	30.2	16.4	0.54	27	Fail	15	Pass	Major
18	37.8	28.4	0.75	27	Pass	15	Pass	Minor
19	37.6	28.3	0.75	27	Pass	15	Pass	Minor
20	37.4	28.6	0.76	27	Pass	15	Pass	Minor
21	37.2	29.0	0.78	27	Pass	15	Pass	Minor
22	31.7	20.4	0.64	27	Fail	15	Pass	Moderate
23	33.8	22.4	0.66	27	Fail	15	Pass	Moderate
24	35.2	24.6	0.70	27	Fail	15	Pass	Moderate
25	36.1	27.0	0.75	27	Pass	15	Pass	Minor
26	34.8	27.1	0.78	27	Pass	15	Pass	Minor
27	33.8	24.6	0.73	27	Fail	15	Pass	Minor
28	32.5	22.7	0.70	27	Fail	15	Pass	Moderate
29	30.5	20.6	0.68	27	Fail	15	Pass	Moderate
30	31.9	18.0	0.57	27	Fail	15	Pass	Major
31	36.4	25.9	0.71	27	Fail	15	Pass	Minor
32	35.5	23.4	0.66	27	Fail	15	Pass	Moderate
33	34.0	21.2	0.62	27	Fail	15	Pass	Moderate
34	31.7	19.0	0.60	27	Fail	15	Pass	Major
35	37.0	29.8	0.80	27	Pass	15	Pass	Negligible
36	36.7	30.6	0.84	27	Pass	15	Pass	Negligible
37	36.3	31.1	0.86	27	Pass	15	Pass	Negligible
38	38.3	33.3	0.87	27	Pass	15	Pass	Negligible
39	38.2	32.9	0.86	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
40	38.3	32.9	0.86	27	Pass	15	Pass	Negligible
41	38.1	32.9	0.86	27	Pass	15	Pass	Negligible
42	38.0	32.9	0.87	27	Pass	15	Pass	Negligible
43	37.8	33.0	0.87	27	Pass	15	Pass	Negligible
44	37.8	33.3	0.88	27	Pass	15	Pass	Negligible
45	37.6	33.7	0.90	27	Pass	15	Pass	Negligible
46	37.4	33.9	0.91	27	Pass	15	Pass	Negligible
47	37.2	34.1	0.92	27	Pass	15	Pass	Negligible
48	35.5	28.4	0.80	27	Pass	15	Pass	Negligible
49	34.3	26.5	0.77	27	Fail	15	Pass	Minor
50	33.1	24.3	0.73	27	Fail	15	Pass	Minor
51	31.0	22.3	0.72	27	Fail	15	Pass	Minor

Test 2

Images



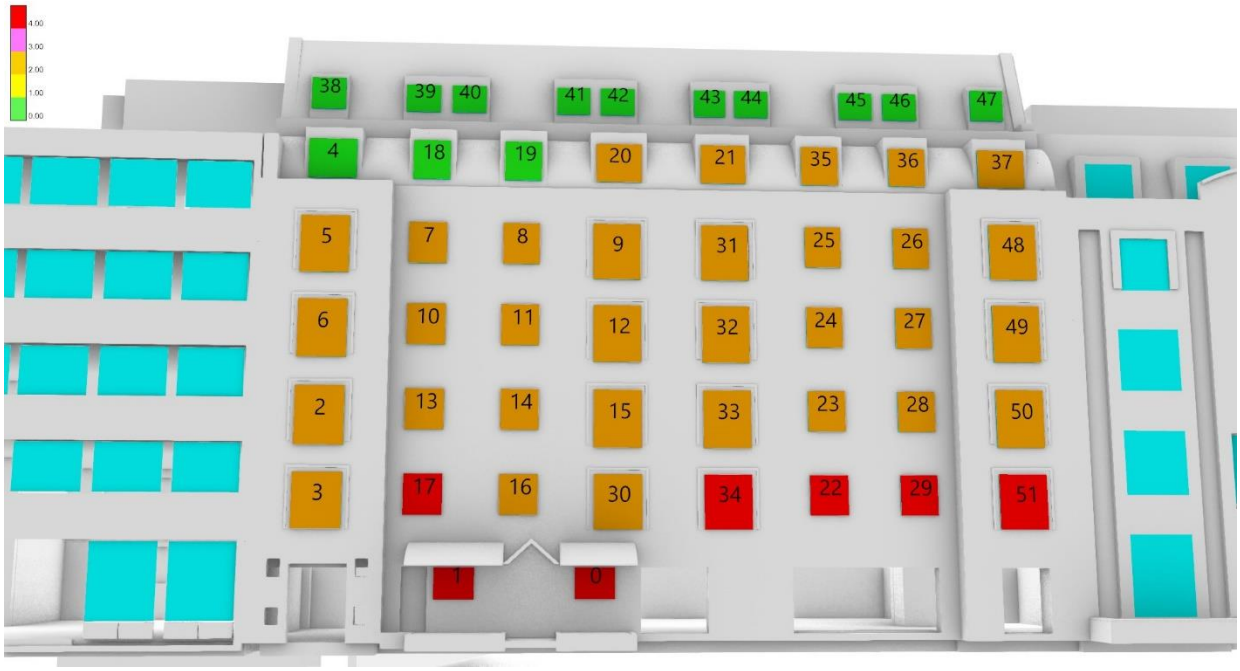
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	0.6	0.4	0.58	27	Fail	15	Fail	Major
1	0.7	0.7	1.03	27	Pass	15	Pass	None
2	31.6	18.8	0.60	27	Fail	15	Pass	Major
3	29.2	16.8	0.57	27	Fail	15	Pass	Major
4	35.5	27.7	0.78	27	Pass	15	Pass	Minor
5	34.7	24.1	0.69	27	Fail	15	Pass	Moderate
6	33.6	21.1	0.63	27	Fail	15	Pass	Moderate
7	32.7	22.4	0.68	27	Fail	15	Pass	Moderate
8	33.6	23.6	0.70	27	Fail	15	Pass	Minor
9	32.9	22.9	0.70	27	Fail	15	Pass	Moderate
10	31.3	19.3	0.62	27	Fail	15	Pass	Moderate
11	32.4	20.7	0.64	27	Fail	15	Pass	Moderate
12	31.5	19.9	0.63	27	Fail	15	Pass	Moderate
13	29.4	16.8	0.57	27	Fail	15	Pass	Major
14	30.5	17.9	0.59	27	Fail	15	Pass	Major
15	29.6	17.2	0.58	27	Fail	15	Pass	Major
16	28.1	15.8	0.56	27	Fail	15	Pass	Major
17	27.1	14.9	0.55	27	Fail	15	Fail	Major
18	35.5	27.6	0.78	27	Pass	15	Pass	Minor
19	34.9	27.1	0.78	27	Pass	15	Pass	Minor
20	34.4	26.7	0.77	27	Fail	15	Pass	Minor
21	33.5	26.2	0.78	27	Fail	15	Pass	Minor
22	25.3	14.4	0.57	27	Fail	15	Fail	Major
23	27.2	16.6	0.61	27	Fail	15	Pass	Moderate
24	29.1	19.1	0.66	27	Fail	15	Pass	Moderate
25	30.7	22.1	0.72	27	Fail	15	Pass	Minor
26	28.4	20.6	0.72	27	Fail	15	Pass	Minor
27	26.8	17.6	0.66	27	Fail	15	Pass	Moderate
28	25.2	15.2	0.60	27	Fail	15	Pass	Moderate
29	23.0	13.2	0.58	27	Fail	15	Fail	Major
30	27.0	15.2	0.57	27	Fail	15	Pass	Major
31	31.9	22.4	0.70	27	Fail	15	Pass	Minor
32	30.5	19.5	0.64	27	Fail	15	Pass	Moderate
33	28.5	16.9	0.59	27	Fail	15	Pass	Major
34	26.0	14.9	0.57	27	Fail	15	Fail	Major
35	32.4	25.7	0.79	27	Fail	15	Pass	Minor
36	31.4	25.2	0.80	27	Marginal Pass	15	Pass	Negligible
37	29.9	24.9	0.83	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	37.0	32.7	0.88	27	Pass	15	Pass	Negligible
39	36.6	32.2	0.88	27	Pass	15	Pass	Negligible
40	36.5	32.0	0.88	27	Pass	15	Pass	Negligible
41	36.0	31.4	0.87	27	Pass	15	Pass	Negligible
42	35.8	31.5	0.88	27	Pass	15	Pass	Negligible
43	35.2	30.8	0.88	27	Pass	15	Pass	Negligible
44	34.9	30.6	0.88	27	Pass	15	Pass	Negligible
45	34.0	30.3	0.89	27	Pass	15	Pass	Negligible
46	33.7	30.0	0.89	27	Pass	15	Pass	Negligible
47	32.9	29.9	0.91	27	Pass	15	Pass	Negligible
48	27.3	20.8	0.76	27	Fail	15	Pass	Minor
49	25.7	17.8	0.69	27	Fail	15	Pass	Moderate
50	23.9	15.5	0.65	27	Fail	15	Pass	Moderate
51	22.1	13.5	0.61	27	Fail	15	Fail	Moderate

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	1.2	0.4	0.32	27	Fail	15	Fail	Major
1	1.0	0.6	0.60	27	Fail	15	Fail	Moderate
2	34.4	18.6	0.54	27	Fail	15	Pass	Major
3	31.8	16.6	0.52	27	Fail	15	Pass	Major
4	37.4	27.7	0.74	27	Pass	15	Pass	Minor
5	37.2	24.1	0.65	27	Fail	15	Pass	Moderate
6	36.3	21.3	0.59	27	Fail	15	Pass	Major
7	35.2	22.4	0.64	27	Fail	15	Pass	Moderate
8	36.8	23.6	0.64	27	Fail	15	Pass	Moderate
9	36.6	22.9	0.62	27	Fail	15	Pass	Moderate
10	34.4	19.4	0.56	27	Fail	15	Pass	Major
11	36.0	20.6	0.57	27	Fail	15	Pass	Major
12	35.8	20.0	0.56	27	Fail	15	Pass	Major
13	32.7	17.0	0.52	27	Fail	15	Pass	Major
14	34.2	18.1	0.53	27	Fail	15	Pass	Major
15	34.1	17.3	0.51	27	Fail	15	Pass	Major
16	31.9	15.9	0.50	27	Fail	15	Pass	Major
17	30.4	14.7	0.49	27	Fail	15	Fail	Major
18	37.7	27.5	0.73	27	Pass	15	Pass	Minor
19	37.5	27.1	0.72	27	Pass	15	Pass	Minor
20	37.4	26.6	0.71	27	Fail	15	Pass	Minor
21	37.2	26.0	0.70	27	Fail	15	Pass	Minor
22	31.8	14.5	0.46	27	Fail	15	Fail	Major
23	33.9	16.7	0.49	27	Fail	15	Pass	Major
24	35.2	19.2	0.55	27	Fail	15	Pass	Major
25	36.2	22.2	0.61	27	Fail	15	Pass	Moderate
26	34.7	20.7	0.60	27	Fail	15	Pass	Major
27	33.9	17.5	0.52	27	Fail	15	Pass	Major
28	32.5	15.1	0.46	27	Fail	15	Pass	Major
29	30.5	13.0	0.43	27	Fail	15	Fail	Major
30	31.8	15.1	0.48	27	Fail	15	Pass	Major
31	36.4	22.5	0.62	27	Fail	15	Pass	Moderate
32	35.6	19.2	0.54	27	Fail	15	Pass	Major
33	33.9	16.9	0.50	27	Fail	15	Pass	Major
34	31.6	14.8	0.47	27	Fail	15	Fail	Major
35	37.0	25.6	0.69	27	Fail	15	Pass	Moderate
36	36.6	25.4	0.69	27	Fail	15	Pass	Moderate
37	36.3	24.9	0.69	27	Fail	15	Pass	Moderate

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	38.4	32.7	0.85	27	Pass	15	Pass	Negligible
39	38.2	32.2	0.84	27	Pass	15	Pass	Negligible
40	38.2	31.9	0.84	27	Pass	15	Pass	Negligible
41	38.0	31.6	0.83	27	Pass	15	Pass	Negligible
42	38.1	31.4	0.82	27	Pass	15	Pass	Negligible
43	37.9	31.0	0.82	27	Pass	15	Pass	Negligible
44	37.7	30.8	0.82	27	Pass	15	Pass	Negligible
45	37.5	30.4	0.81	27	Pass	15	Pass	Negligible
46	37.4	30.2	0.81	27	Pass	15	Pass	Negligible
47	37.1	29.8	0.80	27	Pass	15	Pass	Negligible
48	35.4	20.6	0.58	27	Fail	15	Pass	Major
49	34.4	18.0	0.52	27	Fail	15	Pass	Major
50	33.2	15.3	0.46	27	Fail	15	Pass	Major
51	30.9	13.4	0.43	27	Fail	15	Fail	Major

Test 4

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	29.2	16.6	0.57	27	Fail	15	Pass	Major
1	28.8	15.7	0.54	27	Fail	15	Pass	Major
2	34.4	19.6	0.57	27	Fail	15	Pass	Major
3	31.7	17.5	0.55	27	Fail	15	Pass	Major
4	37.4	28.5	0.76	27	Pass	15	Pass	Minor
5	37.1	24.9	0.67	27	Fail	15	Pass	Moderate
6	36.4	22.0	0.61	27	Fail	15	Pass	Moderate
7	35.4	23.4	0.66	27	Fail	15	Pass	Moderate
8	36.9	25.1	0.68	27	Fail	15	Pass	Moderate
9	36.6	25.1	0.69	27	Fail	15	Pass	Moderate
10	34.3	20.7	0.60	27	Fail	15	Pass	Moderate
11	36.0	22.3	0.62	27	Fail	15	Pass	Moderate
12	35.7	22.6	0.63	27	Fail	15	Pass	Moderate
13	32.7	18.3	0.56	27	Fail	15	Pass	Major
14	34.2	19.7	0.58	27	Fail	15	Pass	Major
15	34.1	20.1	0.59	27	Fail	15	Pass	Major
16	32.0	17.6	0.55	27	Fail	15	Pass	Major
17	30.4	16.1	0.53	27	Fail	15	Pass	Major
18	37.7	28.5	0.76	27	Pass	15	Pass	Minor
19	37.6	28.4	0.75	27	Pass	15	Pass	Minor
20	37.4	28.6	0.76	27	Pass	15	Pass	Minor
21	37.2	29.3	0.79	27	Pass	15	Pass	Minor
22	31.9	20.7	0.65	27	Fail	15	Pass	Moderate
23	33.8	22.5	0.67	27	Fail	15	Pass	Moderate
24	35.3	24.6	0.70	27	Fail	15	Pass	Moderate
25	36.1	27.0	0.75	27	Fail	15	Pass	Minor
26	34.6	27.0	0.78	27	Pass	15	Pass	Minor
27	33.6	24.7	0.73	27	Fail	15	Pass	Minor
28	32.4	22.7	0.70	27	Fail	15	Pass	Minor
29	30.6	20.7	0.68	27	Fail	15	Pass	Moderate
30	31.8	18.0	0.57	27	Fail	15	Pass	Major
31	36.4	25.8	0.71	27	Fail	15	Pass	Minor
32	35.5	23.5	0.66	27	Fail	15	Pass	Moderate
33	34.0	21.1	0.62	27	Fail	15	Pass	Moderate
34	31.7	18.9	0.60	27	Fail	15	Pass	Major
35	37.0	29.7	0.80	27	Pass	15	Pass	Negligible
36	36.7	30.5	0.83	27	Pass	15	Pass	Negligible
37	36.3	31.1	0.86	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	38.3	33.3	0.87	27	Pass	15	Pass	Negligible
39	38.3	32.9	0.86	27	Pass	15	Pass	Negligible
40	38.2	32.9	0.86	27	Pass	15	Pass	Negligible
41	38.1	32.9	0.86	27	Pass	15	Pass	Negligible
42	38.0	32.9	0.86	27	Pass	15	Pass	Negligible
43	37.8	33.1	0.88	27	Pass	15	Pass	Negligible
44	37.8	33.2	0.88	27	Pass	15	Pass	Negligible
45	37.4	33.7	0.90	27	Pass	15	Pass	Negligible
46	37.4	33.9	0.91	27	Pass	15	Pass	Negligible
47	37.2	34.1	0.92	27	Pass	15	Pass	Negligible
48	35.5	28.5	0.80	27	Pass	15	Pass	Negligible
49	34.4	26.3	0.76	27	Fail	15	Pass	Minor
50	33.1	24.3	0.73	27	Fail	15	Pass	Minor
51	30.9	22.2	0.72	27	Fail	15	Pass	Minor

6.1.6 PSI House, 15-18 Fenian St

Summary

Total Windows	55		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	90.9%	96.4%	0.0%	90.9%	5.5%	1.8%	1.8%
Test 2	87.3%	90.9%	0.0%	89.1%	5.5%	1.8%	3.6%
Test 3	10.9%	63.6%	0.0%	12.7%	27.3%	34.5%	25.5%

Test 1

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	24.8	24.2	0.98	27	Pass	15	Pass	Negligible
1	25.7	25.0	0.97	27	Pass	15	Pass	Negligible
2	27.3	26.6	0.97	27	Pass	15	Pass	Negligible
3	28.5	27.6	0.97	27	Pass	15	Pass	Negligible
4	30.2	29.2	0.97	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
5	31.2	29.8	0.95	27	Pass	15	Pass	Negligible
6	32.3	30.5	0.95	27	Pass	15	Pass	Negligible
7	33.0	31.1	0.94	27	Pass	15	Pass	Negligible
8	15.0	13.6	0.91	27	Pass	15	Pass	Negligible
9	15.9	14.6	0.92	27	Pass	15	Pass	Negligible
10	16.5	15.5	0.94	27	Pass	15	Pass	Negligible
11	18.0	16.5	0.92	27	Pass	15	Pass	Negligible
12	18.4	17.5	0.95	27	Pass	15	Pass	Negligible
13	19.8	18.5	0.94	27	Pass	15	Pass	Negligible
14	20.7	19.7	0.95	27	Pass	15	Pass	Negligible
15	21.8	20.7	0.95	27	Pass	15	Pass	Negligible
16	22.1	20.7	0.94	27	Pass	15	Pass	Negligible
17	23.7	22.1	0.93	27	Pass	15	Pass	Negligible
18	23.8	22.6	0.95	27	Pass	15	Pass	Negligible
19	25.3	24.0	0.95	27	Pass	15	Pass	Negligible
20	18.3	16.6	0.91	27	Pass	15	Pass	Negligible
21	19.8	18.1	0.92	27	Pass	15	Pass	Negligible
22	20.4	18.4	0.90	27	Pass	15	Pass	Negligible
23	22.0	20.3	0.93	27	Pass	15	Pass	Negligible
24	22.1	19.8	0.90	27	Pass	15	Pass	Negligible
25	22.9	20.6	0.90	27	Pass	15	Pass	Negligible
26	24.3	22.3	0.92	27	Pass	15	Pass	Negligible
27	25.6	23.1	0.90	27	Pass	15	Pass	Negligible
28	26.1	24.3	0.93	27	Pass	15	Pass	Negligible
29	27.5	25.4	0.92	27	Pass	15	Pass	Negligible
30	27.9	26.4	0.95	27	Pass	15	Pass	Negligible
31	28.9	27.2	0.94	27	Pass	15	Pass	Negligible
32	24.0	21.0	0.87	27	Pass	15	Pass	Negligible
33	24.5	21.0	0.86	27	Pass	15	Pass	Negligible
34	27.0	23.7	0.88	27	Pass	15	Pass	Negligible
35	27.8	24.0	0.86	27	Pass	15	Pass	Negligible
36	29.0	26.4	0.91	27	Pass	15	Pass	Negligible
37	29.9	26.7	0.89	27	Pass	15	Pass	Negligible
38	30.4	28.2	0.93	27	Pass	15	Pass	Negligible
39	31.3	28.7	0.91	27	Pass	15	Pass	Negligible
40	32.4	29.1	0.90	27	Pass	15	Pass	Negligible
41	31.0	27.0	0.87	27	Pass	15	Pass	Negligible
42	28.7	24.3	0.85	27	Pass	15	Pass	Negligible
43	33.5	31.4	0.94	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
44	30.5	29.1	0.95	27	Pass	15	Pass	Negligible
45	12.3	8.1	0.66	27	Fail	15	Fail	Moderate
46	25.2	20.6	0.82	27	Pass	15	Pass	Negligible
47	33.4	26.6	0.80	27	Marginal Fail	15	Pass	Minor
48	31.5	24.0	0.76	27	Fail	15	Pass	Minor
49	34.5	28.8	0.83	27	Pass	15	Pass	Negligible
50	27.8	20.8	0.75	27	Fail	15	Pass	Minor
51	32.9	28.1	0.86	27	Pass	15	Pass	Negligible
52	34.7	30.7	0.89	27	Pass	15	Pass	Negligible
53	31.9	29.4	0.92	27	Pass	15	Pass	Negligible
54	11.5	6.9	0.59	27	Fail	15	Fail	Major

Test 2

Images

Results

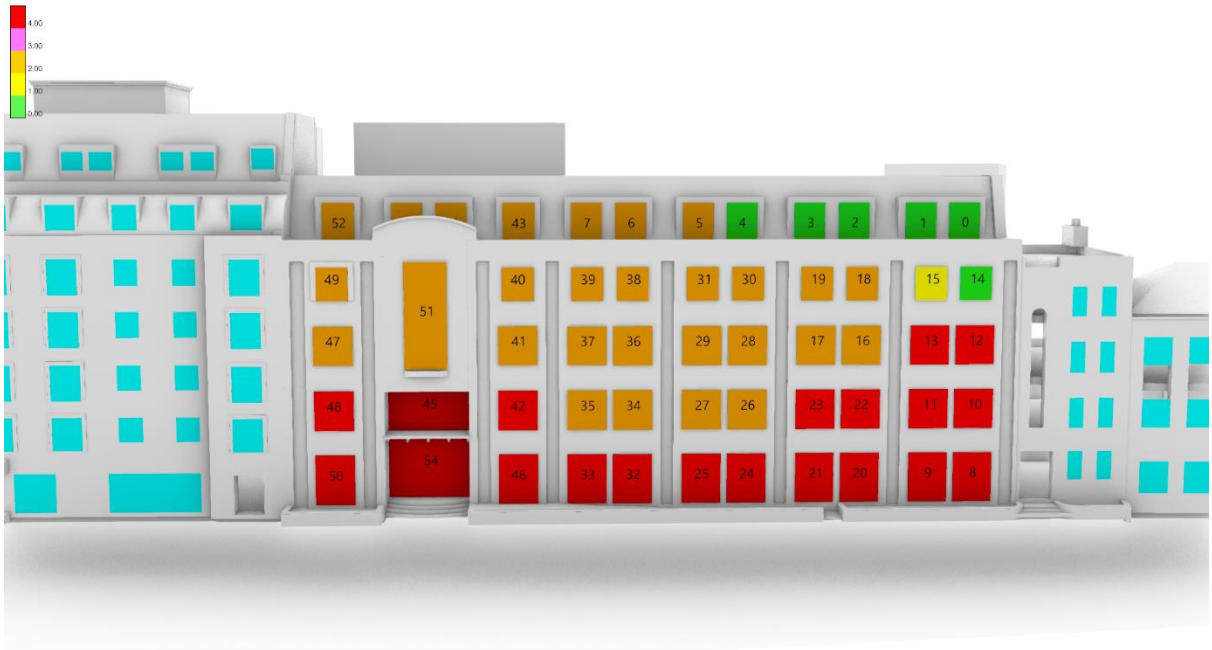
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	22.4	22.1	0.99	27	Pass	15	Pass	Negligible
1	22.6	22.2	0.98	27	Pass	15	Pass	Negligible
2	23.3	23.0	0.99	27	Pass	15	Pass	Negligible
3	24.0	23.5	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
4	25.2	24.5	0.97	27	Pass	15	Pass	Negligible
5	25.6	24.8	0.97	27	Pass	15	Pass	Negligible
6	26.1	25.2	0.96	27	Pass	15	Pass	Negligible
7	26.3	25.1	0.95	27	Pass	15	Pass	Negligible
8	10.9	10.5	0.96	27	Pass	15	Pass	Negligible
9	11.1	10.6	0.96	27	Pass	15	Pass	Negligible
10	12.5	12.2	0.97	27	Pass	15	Pass	Negligible
11	12.9	12.7	0.98	27	Pass	15	Pass	Negligible
12	14.8	14.5	0.98	27	Pass	15	Pass	Negligible
13	15.2	14.7	0.97	27	Pass	15	Pass	Negligible
14	17.4	17.0	0.98	27	Pass	15	Pass	Negligible
15	17.7	17.4	0.98	27	Pass	15	Pass	Negligible
16	16.0	15.2	0.95	27	Pass	15	Pass	Negligible
17	16.8	16.2	0.97	27	Pass	15	Pass	Negligible
18	18.5	18.1	0.98	27	Pass	15	Pass	Negligible
19	19.2	18.8	0.98	27	Pass	15	Pass	Negligible
20	12.0	11.3	0.94	27	Pass	15	Pass	Negligible
21	12.8	11.9	0.93	27	Pass	15	Pass	Negligible
22	13.7	13.0	0.95	27	Pass	15	Pass	Negligible
23	14.6	13.8	0.94	27	Pass	15	Pass	Negligible
24	14.7	13.5	0.92	27	Pass	15	Pass	Negligible
25	15.2	14.0	0.92	27	Pass	15	Pass	Negligible
26	16.5	15.3	0.93	27	Pass	15	Pass	Negligible
27	17.0	16.0	0.94	27	Pass	15	Pass	Negligible
28	18.4	17.5	0.95	27	Pass	15	Pass	Negligible
29	19.3	18.2	0.95	27	Pass	15	Pass	Negligible
30	20.8	20.2	0.97	27	Pass	15	Pass	Negligible
31	21.6	20.7	0.96	27	Pass	15	Pass	Negligible
32	15.9	14.2	0.89	27	Pass	15	Pass	Negligible
33	15.7	13.8	0.88	27	Pass	15	Pass	Negligible
34	17.6	16.1	0.92	27	Pass	15	Pass	Negligible
35	17.8	15.8	0.89	27	Pass	15	Pass	Negligible
36	19.7	18.2	0.93	27	Pass	15	Pass	Negligible
37	19.9	18.0	0.91	27	Pass	15	Pass	Negligible
38	22.1	20.9	0.95	27	Pass	15	Pass	Negligible
39	22.1	20.7	0.94	27	Pass	15	Pass	Negligible
40	21.8	19.8	0.91	27	Pass	15	Pass	Negligible
41	19.4	17.0	0.88	27	Pass	15	Pass	Negligible
42	17.4	14.4	0.83	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
43	25.9	24.4	0.94	27	Pass	15	Pass	Negligible
44	25.6	24.5	0.96	27	Pass	15	Pass	Negligible
45	4.4	1.7	0.38	27	Fail	15	Fail	Major
46	15.3	12.3	0.80	27	Marginal Pass	15	Marginal Pass	Negligible
47	22.5	16.7	0.74	27	Fail	15	Pass	Minor
48	20.2	14.1	0.70	27	Fail	15	Fail	Minor
49	24.7	19.7	0.80	27	Marginal Fail	15	Pass	Minor
50	17.7	11.9	0.67	27	Fail	15	Fail	Moderate
51	21.3	18.0	0.85	27	Pass	15	Pass	Negligible
52	27.6	23.9	0.87	27	Pass	15	Pass	Negligible
53	26.7	24.4	0.91	27	Pass	15	Pass	Negligible
54	3.3	0.3	0.09	27	Fail	15	Fail	Major

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	25.1	22.2	0.88	27	Pass	15	Pass	Negligible
1	25.8	22.3	0.87	27	Pass	15	Pass	Negligible
2	27.4	23.0	0.84	27	Pass	15	Pass	Negligible
3	28.4	23.5	0.83	27	Pass	15	Pass	Negligible
4	30.3	24.6	0.81	27	Pass	15	Pass	Negligible
5	31.3	24.7	0.79	27	Fail	15	Pass	Minor
6	32.3	25.1	0.78	27	Fail	15	Pass	Minor
7	33.1	25.1	0.76	27	Fail	15	Pass	Minor
8	14.8	10.5	0.71	27	Fail	15	Fail	Minor
9	16.0	10.5	0.66	27	Fail	15	Fail	Moderate
10	16.8	12.2	0.73	27	Fail	15	Fail	Minor
11	17.8	12.4	0.70	27	Fail	15	Fail	Moderate
12	18.4	14.5	0.78	27	Fail	15	Fail	Minor
13	19.6	14.9	0.76	27	Fail	15	Fail	Minor
14	20.5	17.2	0.84	27	Pass	15	Pass	Negligible
15	21.7	17.5	0.80	27	Marginal Pass	15	Pass	Negligible
16	21.9	15.4	0.71	27	Fail	15	Pass	Minor
17	23.7	16.3	0.69	27	Fail	15	Pass	Moderate
18	23.8	18.0	0.76	27	Fail	15	Pass	Minor
19	25.2	18.7	0.74	27	Fail	15	Pass	Minor
20	18.1	11.2	0.62	27	Fail	15	Fail	Moderate
21	19.7	12.1	0.61	27	Fail	15	Fail	Moderate
22	20.3	13.1	0.65	27	Fail	15	Fail	Moderate
23	22.0	13.8	0.63	27	Fail	15	Fail	Moderate
24	22.2	13.5	0.61	27	Fail	15	Fail	Moderate
25	23.1	13.9	0.60	27	Fail	15	Fail	Moderate
26	24.5	15.3	0.62	27	Fail	15	Pass	Moderate
27	25.5	15.9	0.62	27	Fail	15	Pass	Moderate
28	26.3	17.5	0.67	27	Fail	15	Pass	Moderate
29	27.6	18.1	0.66	27	Fail	15	Pass	Moderate
30	27.7	20.2	0.73	27	Fail	15	Pass	Minor
31	28.9	20.8	0.72	27	Fail	15	Pass	Minor
32	24.1	13.9	0.58	27	Fail	15	Fail	Major
33	24.6	13.8	0.56	27	Fail	15	Fail	Major
34	27.2	16.0	0.59	27	Fail	15	Pass	Major
35	27.9	15.9	0.57	27	Fail	15	Pass	Major
36	29.1	18.1	0.62	27	Fail	15	Pass	Moderate
37	29.9	17.9	0.60	27	Fail	15	Pass	Moderate

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	30.5	21.1	0.69	27	Fail	15	Pass	Moderate
39	31.3	20.8	0.67	27	Fail	15	Pass	Moderate
40	32.3	19.7	0.61	27	Fail	15	Pass	Moderate
41	31.0	16.9	0.55	27	Fail	15	Pass	Major
42	28.7	14.4	0.50	27	Fail	15	Fail	Major
43	33.5	24.6	0.73	27	Fail	15	Pass	Minor
44	30.8	24.4	0.79	27	Fail	15	Pass	Minor
45	12.3	1.6	0.13	27	Fail	15	Fail	Major
46	25.0	12.4	0.50	27	Fail	15	Fail	Major
47	33.4	16.8	0.50	27	Fail	15	Pass	Major
48	31.3	14.3	0.46	27	Fail	15	Fail	Major
49	34.5	19.7	0.57	27	Fail	15	Pass	Major
50	28.1	11.9	0.42	27	Fail	15	Fail	Major
51	32.9	17.8	0.54	27	Fail	15	Pass	Major
52	34.8	23.9	0.69	27	Fail	15	Pass	Moderate
53	32.0	24.5	0.76	27	Fail	15	Pass	Minor
54	11.5	0.3	0.02	27	Fail	15	Fail	Major

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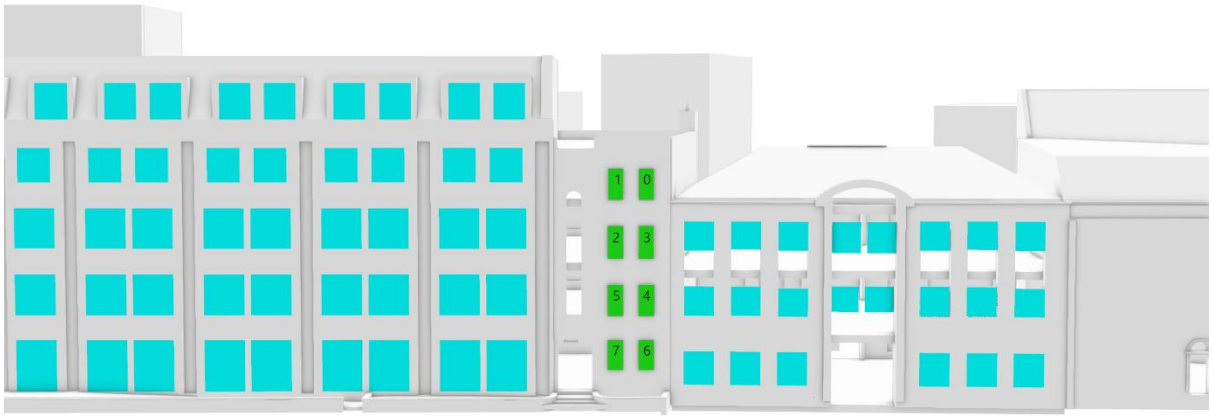
Summary

Total Windows	8		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 3	87.5%	87.5%	0.0%	87.5%	12.5%	0.0%	0.0%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.8	17.2	0.97	27	Pass	15	Pass	Negligible
1	18.0	17.5	0.97	27	Pass	15	Pass	Negligible
2	16.2	15.5	0.96	27	Pass	15	Pass	Negligible
3	15.7	15.0	0.96	27	Pass	15	Pass	Negligible
4	14.0	13.2	0.95	27	Pass	15	Pass	Negligible
5	14.5	13.6	0.94	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
6	12.8	12.0	0.94	27	Pass	15	Pass	Negligible
7	13.3	12.2	0.91	27	Pass	15	Pass	Negligible

Test 2

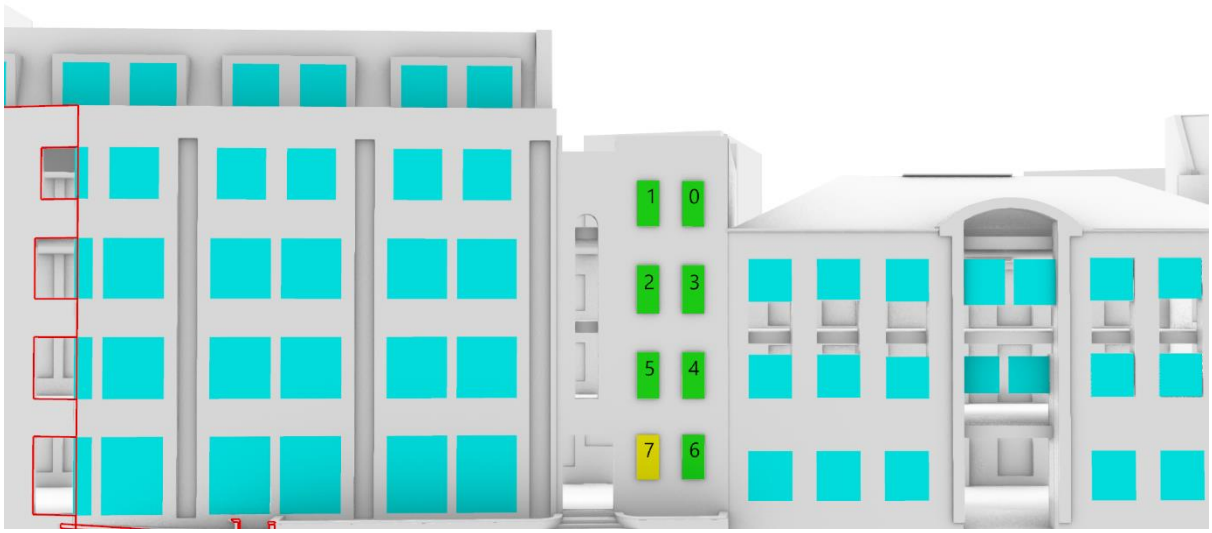
Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	16.1	15.9	0.99	27	Pass	15	Pass	Negligible
1	16.3	16.0	0.98	27	Pass	15	Pass	Negligible
2	13.8	13.6	0.99	27	Pass	15	Pass	Negligible
3	13.8	13.7	0.99	27	Pass	15	Pass	Negligible
4	12.0	11.7	0.97	27	Pass	15	Pass	Negligible
5	12.1	11.8	0.98	27	Pass	15	Pass	Negligible
6	10.5	10.4	0.99	27	Pass	15	Pass	Negligible
7	10.9	10.5	0.96	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.8	16.0	0.90	27	Pass	15	Pass	Negligible
1	18.1	15.9	0.88	27	Pass	15	Pass	Negligible
2	16.2	13.7	0.85	27	Pass	15	Pass	Negligible
3	15.8	13.7	0.87	27	Pass	15	Pass	Negligible
4	14.1	11.8	0.84	27	Pass	15	Pass	Negligible
5	14.4	11.7	0.81	27	Pass	15	Pass	Negligible
6	12.7	10.5	0.83	27	Pass	15	Pass	Negligible
7	13.2	10.5	0.80	27	Marginal Fail	15	Marginal Fail	Minor

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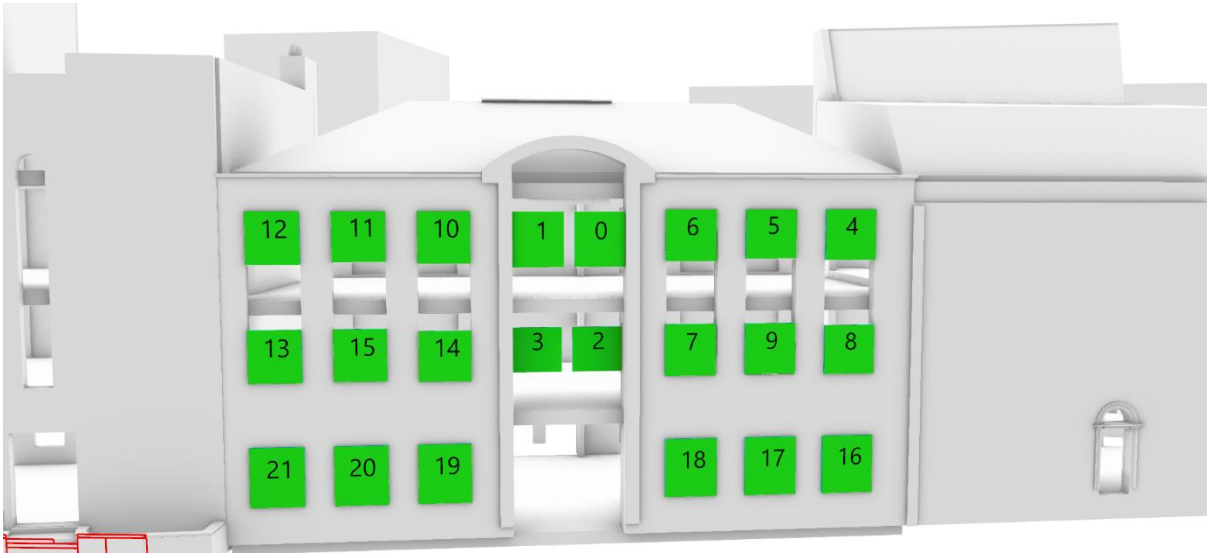
Summary

Total Windows	22		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	4.5%	95.5%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	9.1%	90.9%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	4.5%	95.5%	0.0%	0.0%	0.0%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	14.1	13.6	0.96	27	Pass	15	Pass	Negligible
1	13.8	13.7	0.99	27	Pass	15	Pass	Negligible
2	7.5	7.3	0.97	27	Pass	15	Pass	Negligible
3	6.7	6.8	1.01	27	Pass	15	Pass	None
4	14.5	14.4	0.99	27	Pass	15	Pass	Negligible
5	14.8	14.4	0.97	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
6	14.7	14.1	0.96	27	Pass	15	Pass	Negligible
7	12.5	11.9	0.95	27	Pass	15	Pass	Negligible
8	12.3	12.1	0.98	27	Pass	15	Pass	Negligible
9	12.4	12.1	0.97	27	Pass	15	Pass	Negligible
10	14.9	14.4	0.97	27	Pass	15	Pass	Negligible
11	15.0	14.7	0.98	27	Pass	15	Pass	Negligible
12	15.6	15.0	0.96	27	Pass	15	Pass	Negligible
13	13.8	13.1	0.95	27	Pass	15	Pass	Negligible
14	12.8	12.3	0.96	27	Pass	15	Pass	Negligible
15	13.2	12.6	0.95	27	Pass	15	Pass	Negligible
16	10.8	10.4	0.96	27	Pass	15	Pass	Negligible
17	10.8	10.3	0.96	27	Pass	15	Pass	Negligible
18	10.8	10.4	0.96	27	Pass	15	Pass	Negligible
19	11.0	10.6	0.96	27	Pass	15	Pass	Negligible
20	11.8	11.3	0.96	27	Pass	15	Pass	Negligible
21	12.1	11.4	0.94	27	Pass	15	Pass	Negligible

Test 2

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	13.6	13.1	0.97	27	Pass	15	Pass	Negligible
1	13.2	13.3	1.00	27	Pass	15	Pass	None
2	6.7	6.6	0.99	27	Pass	15	Pass	Negligible
3	6.9	6.6	0.97	27	Pass	15	Pass	Negligible
4	14.3	14.1	0.99	27	Pass	15	Pass	Negligible
5	14.1	14.1	1.00	27	Pass	15	Pass	None
6	14.0	14.0	1.00	27	Pass	15	Pass	Negligible
7	11.7	11.6	0.99	27	Pass	15	Pass	Negligible
8	12.2	12.0	0.99	27	Pass	15	Pass	Negligible
9	12.0	11.9	1.00	27	Pass	15	Pass	Negligible
10	13.8	13.7	0.99	27	Pass	15	Pass	Negligible
11	13.9	13.9	1.00	27	Pass	15	Pass	Negligible
12	14.1	13.8	0.97	27	Pass	15	Pass	Negligible
13	12.1	11.7	0.97	27	Pass	15	Pass	Negligible
14	11.6	11.4	0.99	27	Pass	15	Pass	Negligible
15	11.7	11.6	0.99	27	Pass	15	Pass	Negligible
16	10.2	10.1	1.00	27	Pass	15	Pass	Negligible
17	10.4	10.2	0.98	27	Pass	15	Pass	Negligible
18	10.2	9.9	0.97	27	Pass	15	Pass	Negligible
19	10.2	9.8	0.97	27	Pass	15	Pass	Negligible
20	10.2	10.1	0.98	27	Pass	15	Pass	Negligible
21	10.3	10.2	0.99	27	Pass	15	Pass	Negligible

Test 3

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	14.0	13.3	0.95	27	Pass	15	Pass	Negligible
1	14.2	13.0	0.91	27	Pass	15	Pass	Negligible
2	7.5	6.7	0.88	27	Pass	15	Pass	Negligible
3	6.7	6.9	1.03	27	Pass	15	Pass	None
4	14.6	14.3	0.98	27	Pass	15	Pass	Negligible
5	14.6	14.1	0.96	27	Pass	15	Pass	Negligible
6	14.5	13.8	0.95	27	Pass	15	Pass	Negligible
7	12.5	11.7	0.94	27	Pass	15	Pass	Negligible
8	12.4	12.1	0.98	27	Pass	15	Pass	Negligible
9	12.4	11.9	0.96	27	Pass	15	Pass	Negligible
10	14.9	13.6	0.92	27	Pass	15	Pass	Negligible
11	15.2	13.9	0.91	27	Pass	15	Pass	Negligible
12	15.3	13.8	0.90	27	Pass	15	Pass	Negligible
13	13.7	11.8	0.86	27	Pass	15	Pass	Negligible
14	13.0	11.5	0.89	27	Pass	15	Pass	Negligible
15	12.9	11.8	0.91	27	Pass	15	Pass	Negligible
16	10.8	10.0	0.93	27	Pass	15	Pass	Negligible
17	10.9	10.2	0.93	27	Pass	15	Pass	Negligible
18	10.7	9.8	0.92	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
19	11.5	9.8	0.85	27	Pass	15	Pass	Negligible
20	11.8	10.0	0.85	27	Pass	15	Pass	Negligible
21	12.2	10.1	0.82	27	Pass	15	Pass	Negligible

6.1.9 24-25 Fenian St

Summary

Total Windows	14		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	7.1%	92.9%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	14.3%	85.7%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	7.1%	92.9%	0.0%	0.0%	0.0%

Test 1

Images

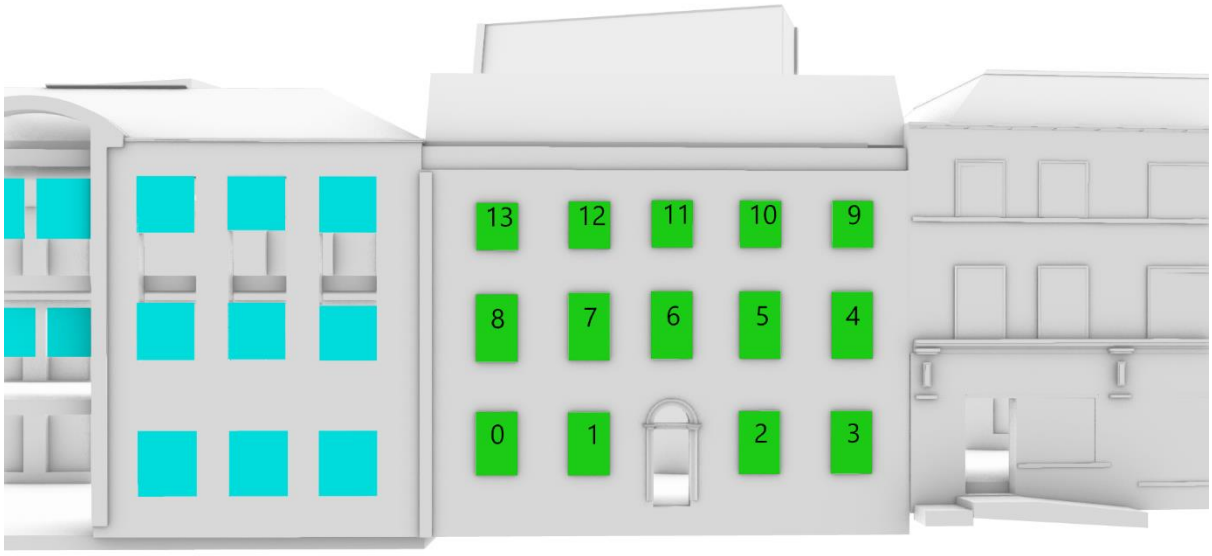
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	11.3	10.8	0.96	27	Pass	15	Pass	Negligible
1	11.1	11.1	1.00	27	Pass	15	Pass	None
2	11.8	11.5	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
3	12.1	12.0	0.99	27	Pass	15	Pass	Negligible
4	13.9	13.8	0.99	27	Pass	15	Pass	Negligible
5	13.4	13.3	0.99	27	Pass	15	Pass	Negligible
6	13.2	13.0	0.99	27	Pass	15	Pass	Negligible
7	13.2	12.8	0.97	27	Pass	15	Pass	Negligible
8	12.8	12.4	0.97	27	Pass	15	Pass	Negligible
9	15.9	15.8	0.99	27	Pass	15	Pass	Negligible
10	15.4	15.3	0.99	27	Pass	15	Pass	Negligible
11	15.1	14.9	0.99	27	Pass	15	Pass	Negligible
12	14.8	14.6	0.99	27	Pass	15	Pass	Negligible
13	14.6	14.3	0.98	27	Pass	15	Pass	Negligible

Test 2

Images

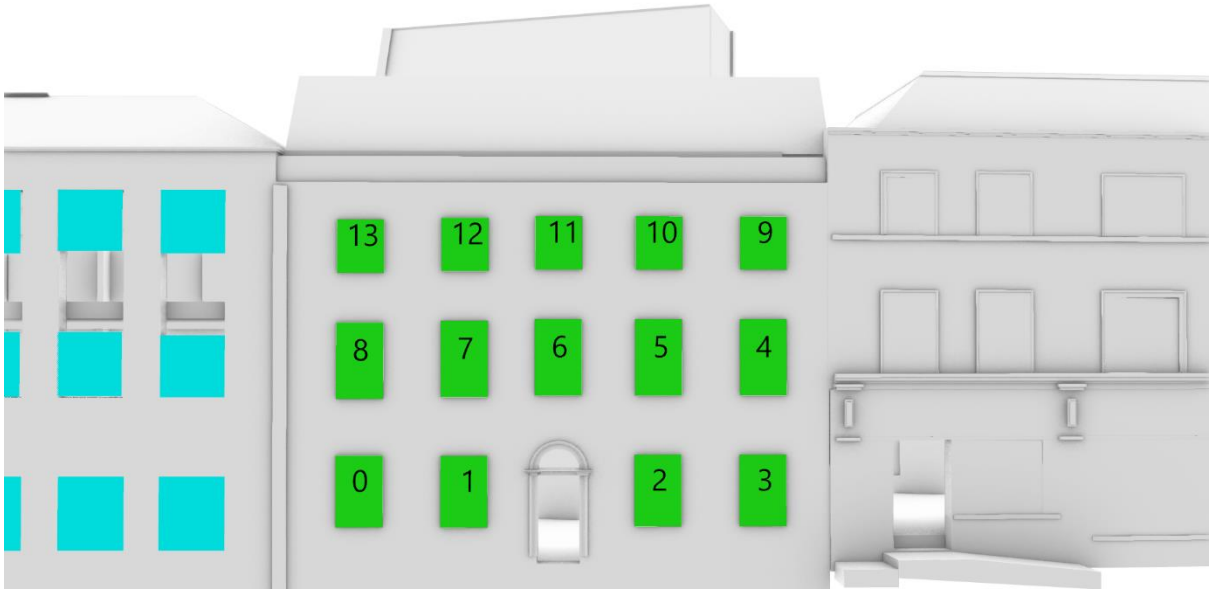


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	10.9	10.6	0.97	27	Pass	15	Pass	Negligible
1	11.1	10.9	0.99	27	Pass	15	Pass	Negligible
2	11.5	11.7	1.02	27	Pass	15	Pass	None
3	12.0	11.8	0.98	27	Pass	15	Pass	Negligible
4	13.6	13.9	1.02	27	Pass	15	Pass	None
5	13.4	13.3	0.99	27	Pass	15	Pass	Negligible
6	12.9	12.8	0.99	27	Pass	15	Pass	Negligible
7	12.7	12.6	1.00	27	Pass	15	Pass	Negligible
8	12.5	12.2	0.97	27	Pass	15	Pass	Negligible
9	15.7	15.6	0.99	27	Pass	15	Pass	Negligible
10	15.3	15.2	1.00	27	Pass	15	Pass	Negligible
11	14.9	14.8	0.99	27	Pass	15	Pass	Negligible
12	14.4	14.2	0.99	27	Pass	15	Pass	Negligible
13	14.2	14.2	1.00	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	11.2	10.6	0.94	27	Pass	15	Pass	Negligible
1	11.3	11.0	0.98	27	Pass	15	Pass	Negligible
2	11.8	11.3	0.96	27	Pass	15	Pass	Negligible
3	12.2	11.8	0.97	27	Pass	15	Pass	Negligible
4	13.8	13.6	0.99	27	Pass	15	Pass	Negligible
5	13.5	13.3	0.99	27	Pass	15	Pass	Negligible
6	13.2	13.0	0.98	27	Pass	15	Pass	Negligible
7	12.9	12.6	0.97	27	Pass	15	Pass	Negligible
8	12.7	12.5	0.98	27	Pass	15	Pass	Negligible
9	15.6	15.7	1.00	27	Pass	15	Pass	None
10	15.2	15.0	0.99	27	Pass	15	Pass	Negligible
11	15.1	14.8	0.98	27	Pass	15	Pass	Negligible
12	14.9	14.5	0.97	27	Pass	15	Pass	Negligible
13	14.5	14.2	0.98	27	Pass	15	Pass	Negligible

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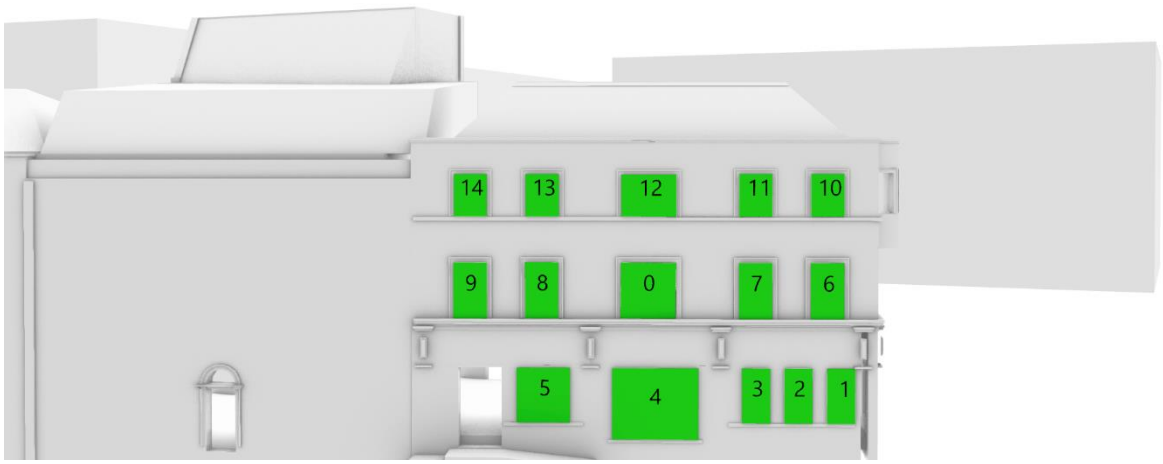
Summary

Total Windows	15		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	33.3%	66.7%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	60.0%	40.0%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	20.0%	80.0%	0.0%	0.0%	0.0%

Test 1

Images



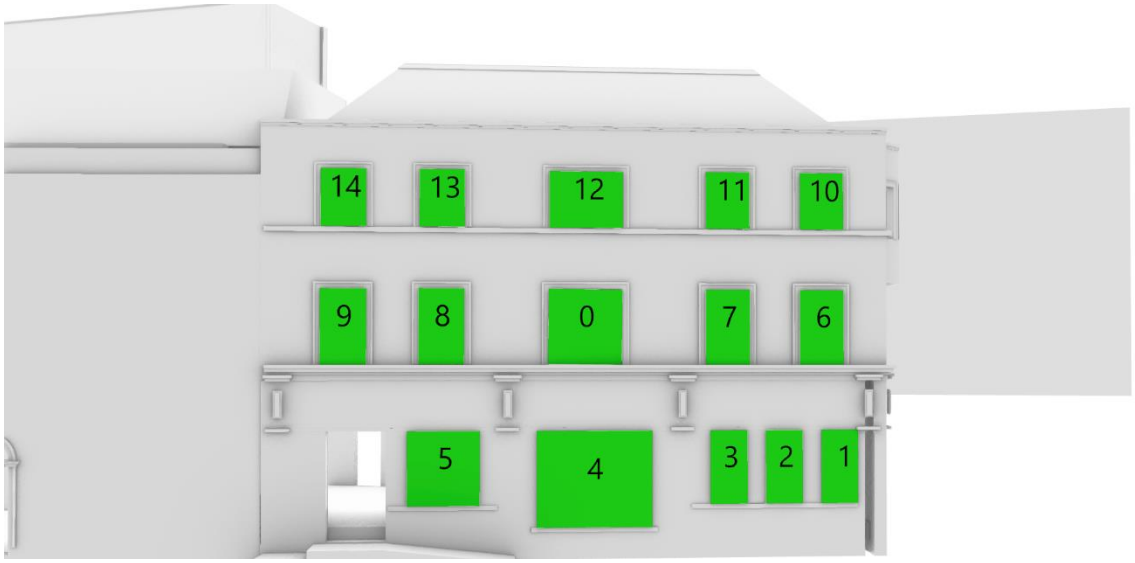
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.4	17.7	1.01	27	Pass	15	Pass	None
1	16.8	17.1	1.01	27	Pass	15	Pass	None
2	16.4	16.6	1.01	27	Pass	15	Pass	None
3	16.1	15.8	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
4	15.0	14.9	0.99	27	Pass	15	Pass	Negligible
5	14.0	13.6	0.97	27	Pass	15	Pass	Negligible
6	19.5	19.4	1.00	27	Pass	15	Pass	Negligible
7	18.4	18.3	1.00	27	Pass	15	Pass	Negligible
8	16.2	16.1	1.00	27	Pass	15	Pass	Negligible
9	15.1	15.3	1.01	27	Pass	15	Pass	None
10	22.0	22.0	1.00	27	Pass	15	Pass	None
11	21.2	21.0	0.99	27	Pass	15	Pass	Negligible
12	20.0	19.9	1.00	27	Pass	15	Pass	Negligible
13	18.6	18.6	1.00	27	Pass	15	Pass	Negligible
14	17.7	17.7	1.00	27	Pass	15	Pass	Negligible

Test 2

Images



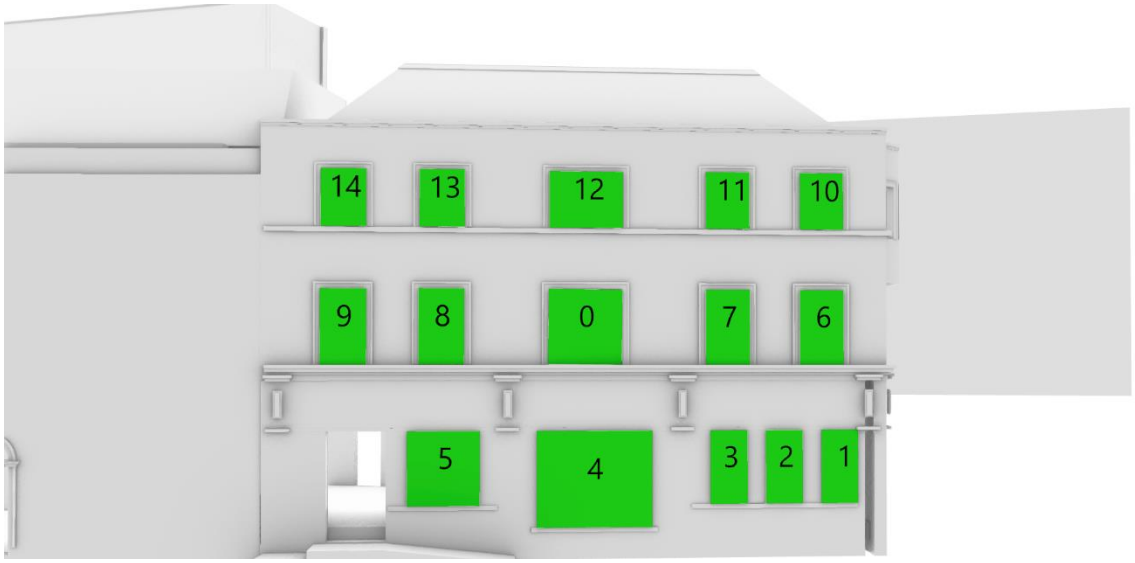
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.4	17.5	1.00	27	Pass	15	Pass	None
1	16.8	17.0	1.01	27	Pass	15	Pass	None
2	16.3	16.4	1.01	27	Pass	15	Pass	None
3	16.0	16.0	1.00	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
4	15.0	14.8	0.99	27	Pass	15	Pass	Negligible
5	13.9	13.6	0.98	27	Pass	15	Pass	Negligible
6	19.3	19.5	1.01	27	Pass	15	Pass	None
7	18.3	18.5	1.01	27	Pass	15	Pass	None
8	15.9	16.1	1.01	27	Pass	15	Pass	None
9	15.2	15.3	1.00	27	Pass	15	Pass	None
10	22.1	22.0	0.99	27	Pass	15	Pass	Negligible
11	21.2	21.2	1.00	27	Pass	15	Pass	None
12	19.9	19.8	0.99	27	Pass	15	Pass	Negligible
13	18.4	18.5	1.01	27	Pass	15	Pass	None
14	17.6	17.6	1.00	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	17.6	17.3	0.98	27	Pass	15	Pass	Negligible
1	17.0	16.9	1.00	27	Pass	15	Pass	Negligible
2	16.6	16.3	0.99	27	Pass	15	Pass	Negligible
3	16.0	16.3	1.02	27	Pass	15	Pass	None

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
4	14.9	14.9	1.00	27	Pass	15	Pass	Negligible
5	13.9	13.7	0.99	27	Pass	15	Pass	Negligible
6	19.4	19.3	0.99	27	Pass	15	Pass	Negligible
7	18.5	18.6	1.00	27	Pass	15	Pass	None
8	15.9	15.9	1.00	27	Pass	15	Pass	Negligible
9	15.3	15.2	1.00	27	Pass	15	Pass	Negligible
10	22.3	22.1	0.99	27	Pass	15	Pass	Negligible
11	21.3	21.2	1.00	27	Pass	15	Pass	Negligible
12	20.0	20.2	1.01	27	Pass	15	Pass	None
13	18.5	18.5	1.00	27	Pass	15	Pass	Negligible
14	17.6	17.5	0.99	27	Pass	15	Pass	Negligible

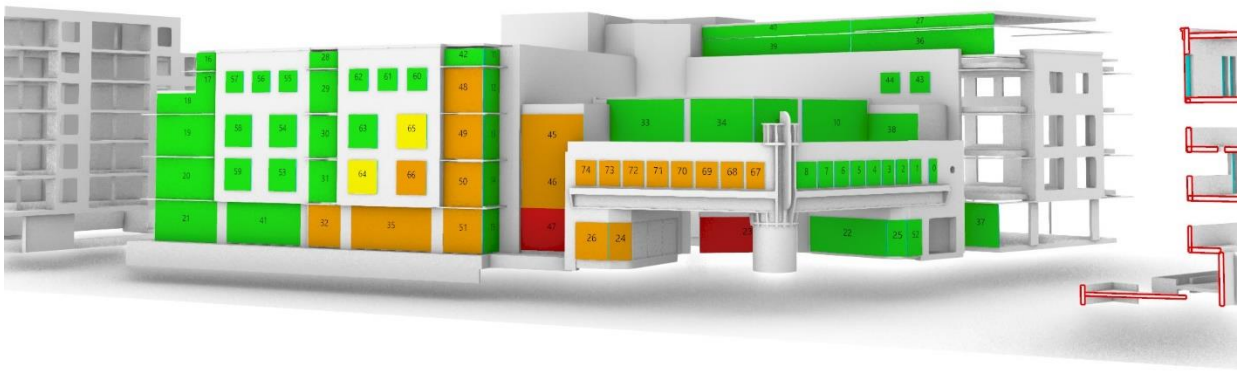
6.1.11 KBC Bank

Summary

Total Windows	75		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	72.0%	97.3%	2.7%	68.0%	13.3%	14.7%	1.3%
Test 2	73.3%	97.3%	1.3%	72.0%	12.0%	14.7%	0.0%
Test 3	68.0%	97.3%	2.7%	64.0%	16.0%	14.7%	2.7%

Test 1

Images



Results

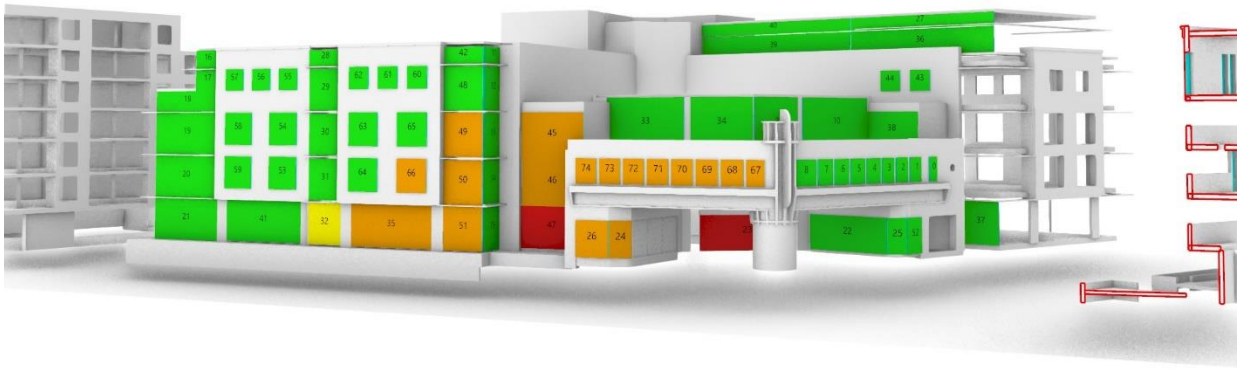
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	30.9	30.8	1.00	27	Pass	15	Pass	Negligible
1	30.8	30.7	1.00	27	Pass	15	Pass	Negligible
2	30.8	30.7	1.00	27	Pass	15	Pass	Negligible
3	30.8	30.7	1.00	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
4	30.9	30.6	0.99	27	Pass	15	Pass	Negligible
5	30.8	30.6	0.99	27	Pass	15	Pass	Negligible
6	30.7	30.5	0.99	27	Pass	15	Pass	Negligible
7	30.7	30.5	0.99	27	Pass	15	Pass	Negligible
8	29.9	30.0	1.00	27	Pass	15	Pass	None
9	34.7	33.7	0.97	27	Pass	15	Pass	Negligible
10	33.4	32.8	0.98	27	Pass	15	Pass	Negligible
11	34.0	32.2	0.95	27	Pass	15	Pass	Negligible
12	27.1	25.0	0.92	27	Pass	15	Pass	Negligible
13	23.4	20.9	0.90	27	Pass	15	Pass	Negligible
14	18.6	16.3	0.88	27	Pass	15	Pass	Negligible
15	13.3	11.2	0.84	27	Pass	15	Pass	Negligible
16	36.7	35.1	0.96	27	Pass	15	Pass	Negligible
17	26.2	24.4	0.93	27	Pass	15	Pass	Negligible
18	35.9	33.9	0.94	27	Pass	15	Pass	Negligible
19	32.5	30.3	0.93	27	Pass	15	Pass	Negligible
20	31.6	29.0	0.92	27	Pass	15	Pass	Negligible
21	29.9	27.2	0.91	27	Pass	15	Pass	Negligible
22	1.6	1.6	1.02	27	Pass	15	Pass	None
23	0.5	0.3	0.65	27	Fail	15	Fail	Moderate
24	23.6	15.4	0.66	27	Fail	15	Pass	Moderate
25	21.1	20.4	0.97	27	Pass	15	Pass	Negligible
26	29.7	18.2	0.61	27	Fail	15	Pass	Moderate
27	38.4	37.9	0.99	27	Pass	15	Pass	Negligible
28	36.9	33.7	0.92	27	Pass	15	Pass	Negligible
29	32.8	29.4	0.90	27	Pass	15	Pass	Negligible
30	32.3	27.7	0.86	27	Pass	15	Pass	Negligible
31	31.0	25.4	0.82	27	Pass	15	Pass	Negligible
32	29.6	23.4	0.79	27	Fail	15	Pass	Minor
33	32.6	26.8	0.82	27	Pass	15	Pass	Negligible
34	35.2	30.0	0.85	27	Pass	15	Pass	Negligible
35	29.8	21.7	0.73	27	Fail	15	Pass	Minor
36	31.0	30.3	0.98	27	Pass	15	Pass	Negligible
37	11.7	11.5	0.98	27	Pass	15	Pass	Negligible
38	30.9	28.4	0.92	27	Pass	15	Pass	Negligible
39	37.5	36.7	0.98	27	Pass	15	Pass	Negligible
40	38.2	37.5	0.98	27	Pass	15	Pass	Negligible
41	31.5	27.1	0.86	27	Pass	15	Pass	Negligible
42	36.8	31.3	0.85	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
43	37.1	35.9	0.97	27	Pass	15	Pass	Negligible
44	37.0	35.7	0.97	27	Pass	15	Pass	Negligible
45	33.1	24.6	0.74	27	Fail	15	Pass	Minor
46	27.5	18.1	0.66	27	Fail	15	Pass	Moderate
47	23.9	14.3	0.60	27	Fail	15	Fail	Major
48	32.5	25.8	0.79	27	Fail	15	Pass	Minor
49	31.4	22.8	0.73	27	Fail	15	Pass	Minor
50	30.2	20.4	0.68	27	Fail	15	Pass	Moderate
51	28.1	18.0	0.64	27	Fail	15	Pass	Moderate
52	26.3	26.2	1.00	27	Pass	15	Pass	Negligible
53	34.8	30.4	0.88	27	Pass	15	Pass	Negligible
54	36.0	32.4	0.90	27	Pass	15	Pass	Negligible
55	36.9	34.1	0.92	27	Pass	15	Pass	Negligible
56	37.0	34.6	0.94	27	Pass	15	Pass	Negligible
57	37.1	35.0	0.94	27	Pass	15	Pass	Negligible
58	36.1	33.3	0.92	27	Pass	15	Pass	Negligible
59	35.0	31.7	0.90	27	Pass	15	Pass	Negligible
60	37.0	31.4	0.85	27	Pass	15	Pass	Negligible
61	37.0	32.2	0.87	27	Pass	15	Pass	Negligible
62	37.0	33.0	0.89	27	Pass	15	Pass	Negligible
63	35.9	30.4	0.85	27	Pass	15	Pass	Negligible
64	34.8	28.0	0.80	27	Pass	15	Pass	Negligible
65	35.9	28.6	0.80	27	Pass	15	Pass	Minor
66	34.6	26.0	0.75	27	Fail	15	Pass	Minor
67	33.1	24.5	0.74	27	Fail	15	Pass	Minor
68	33.3	24.0	0.72	27	Fail	15	Pass	Minor
69	33.3	23.4	0.70	27	Fail	15	Pass	Minor
70	33.3	23.1	0.69	27	Fail	15	Pass	Moderate
71	33.4	22.5	0.67	27	Fail	15	Pass	Moderate
72	33.5	22.3	0.67	27	Fail	15	Pass	Moderate
73	33.5	22.2	0.66	27	Fail	15	Pass	Moderate
74	33.8	22.2	0.66	27	Fail	15	Pass	Moderate

Test 2

Images



Results

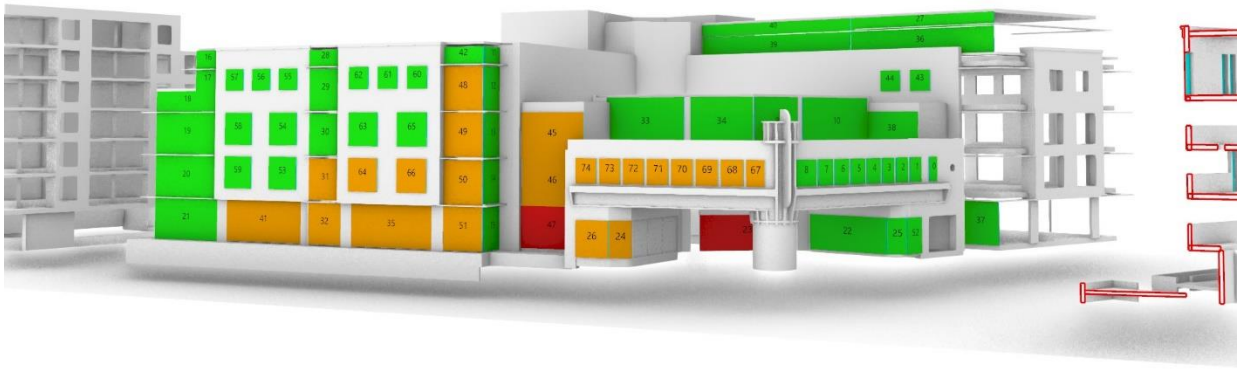
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	30.9	30.8	1.00	27	Pass	15	Pass	Negligible
1	30.8	30.8	1.00	27	Pass	15	Pass	Negligible
2	30.8	30.6	0.99	27	Pass	15	Pass	Negligible
3	30.9	30.7	0.99	27	Pass	15	Pass	Negligible
4	30.8	30.6	0.99	27	Pass	15	Pass	Negligible
5	30.8	30.6	0.99	27	Pass	15	Pass	Negligible
6	30.6	30.4	0.99	27	Pass	15	Pass	Negligible
7	30.6	30.4	1.00	27	Pass	15	Pass	Negligible
8	29.6	29.8	1.01	27	Pass	15	Pass	None
9	34.4	33.7	0.98	27	Pass	15	Pass	Negligible
10	33.2	32.9	0.99	27	Pass	15	Pass	Negligible
11	33.9	32.2	0.95	27	Pass	15	Pass	Negligible
12	27.1	25.0	0.92	27	Pass	15	Pass	Negligible
13	23.2	20.9	0.90	27	Pass	15	Pass	Negligible
14	18.7	16.2	0.87	27	Pass	15	Pass	Negligible
15	13.3	11.3	0.85	27	Pass	15	Pass	Negligible
16	36.0	34.8	0.97	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
17	25.3	23.9	0.95	27	Pass	15	Pass	Negligible
18	34.9	33.4	0.96	27	Pass	15	Pass	Negligible
19	31.1	29.7	0.95	27	Pass	15	Pass	Negligible
20	30.2	28.1	0.93	27	Pass	15	Pass	Negligible
21	27.9	25.7	0.92	27	Pass	15	Pass	Negligible
22	1.6	1.6	0.99	27	Pass	15	Pass	Negligible
23	0.5	0.4	0.68	27	Fail	15	Fail	Moderate
24	22.8	15.7	0.69	27	Fail	15	Pass	Moderate
25	20.8	20.3	0.98	27	Pass	15	Pass	Negligible
26	27.5	17.8	0.65	27	Fail	15	Pass	Moderate
27	38.2	37.9	0.99	27	Pass	15	Pass	Negligible
28	36.0	33.6	0.93	27	Pass	15	Pass	Negligible
29	31.7	28.9	0.91	27	Pass	15	Pass	Negligible
30	30.5	26.9	0.88	27	Pass	15	Pass	Negligible
31	28.5	23.8	0.84	27	Pass	15	Pass	Negligible
32	25.9	20.7	0.80	27	Marginal Fail	15	Marginal Pass	Minor
33	31.7	26.7	0.84	27	Pass	15	Pass	Negligible
34	34.4	30.0	0.87	27	Pass	15	Pass	Negligible
35	26.6	19.8	0.75	27	Fail	15	Pass	Minor
36	30.9	30.1	0.97	27	Pass	15	Pass	Negligible
37	11.7	11.6	0.99	27	Pass	15	Pass	Negligible
38	30.4	28.4	0.94	27	Pass	15	Pass	Negligible
39	37.2	36.6	0.98	27	Pass	15	Pass	Negligible
40	38.1	37.5	0.98	27	Pass	15	Pass	Negligible
41	28.6	24.9	0.87	27	Pass	15	Pass	Negligible
42	35.9	30.8	0.86	27	Pass	15	Pass	Negligible
43	36.8	35.9	0.98	27	Pass	15	Pass	Negligible
44	36.7	35.7	0.97	27	Pass	15	Pass	Negligible
45	31.7	24.5	0.77	27	Fail	15	Pass	Minor
46	25.5	17.8	0.70	27	Fail	15	Pass	Moderate
47	21.6	13.4	0.62	27	Fail	15	Fail	Moderate
48	31.3	25.5	0.81	27	Pass	15	Pass	Negligible
49	29.8	22.4	0.75	27	Fail	15	Pass	Minor
50	27.8	19.1	0.69	27	Fail	15	Pass	Moderate
51	25.3	16.7	0.66	27	Fail	15	Pass	Moderate
52	26.4	26.3	1.00	27	Pass	15	Pass	Negligible
53	32.8	29.3	0.89	27	Pass	15	Pass	Negligible
54	34.6	31.6	0.91	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
55	35.9	33.7	0.94	27	Pass	15	Pass	Negligible
56	36.1	34.1	0.94	27	Pass	15	Pass	Negligible
57	36.2	34.5	0.95	27	Pass	15	Pass	Negligible
58	34.8	32.6	0.94	27	Pass	15	Pass	Negligible
59	33.4	30.8	0.92	27	Pass	15	Pass	Negligible
60	35.9	30.9	0.86	27	Pass	15	Pass	Negligible
61	35.9	31.6	0.88	27	Pass	15	Pass	Negligible
62	35.9	32.2	0.90	27	Pass	15	Pass	Negligible
63	34.3	29.6	0.86	27	Pass	15	Pass	Negligible
64	32.2	26.3	0.82	27	Pass	15	Pass	Negligible
65	34.2	28.1	0.82	27	Pass	15	Pass	Negligible
66	32.2	24.7	0.77	27	Fail	15	Pass	Minor
67	31.7	24.1	0.76	27	Fail	15	Pass	Minor
68	32.1	23.9	0.75	27	Fail	15	Pass	Minor
69	32.2	23.2	0.72	27	Fail	15	Pass	Minor
70	31.9	22.7	0.71	27	Fail	15	Pass	Minor
71	31.9	22.3	0.70	27	Fail	15	Pass	Moderate
72	31.9	22.1	0.69	27	Fail	15	Pass	Moderate
73	32.0	21.9	0.68	27	Fail	15	Pass	Moderate
74	32.0	22.0	0.69	27	Fail	15	Pass	Moderate

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	30.8	30.7	1.00	27	Pass	15	Pass	Negligible
1	31.0	30.8	0.99	27	Pass	15	Pass	Negligible
2	30.9	30.8	0.99	27	Pass	15	Pass	Negligible
3	30.9	30.7	0.99	27	Pass	15	Pass	Negligible
4	30.8	30.7	1.00	27	Pass	15	Pass	Negligible
5	30.9	30.7	0.99	27	Pass	15	Pass	Negligible
6	30.7	30.6	1.00	27	Pass	15	Pass	Negligible
7	30.5	30.3	0.99	27	Pass	15	Pass	Negligible
8	29.7	29.9	1.00	27	Pass	15	Pass	None
9	34.7	33.6	0.97	27	Pass	15	Pass	Negligible
10	33.3	32.7	0.98	27	Pass	15	Pass	Negligible
11	34.0	32.4	0.95	27	Pass	15	Pass	Negligible
12	27.1	25.2	0.93	27	Pass	15	Pass	Negligible
13	23.4	21.1	0.90	27	Pass	15	Pass	Negligible
14	18.6	16.4	0.89	27	Pass	15	Pass	Negligible
15	13.4	11.3	0.85	27	Pass	15	Pass	Negligible
16	36.7	34.8	0.95	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
17	26.2	23.8	0.91	27	Pass	15	Pass	Negligible
18	35.8	33.5	0.94	27	Pass	15	Pass	Negligible
19	32.4	29.5	0.91	27	Pass	15	Pass	Negligible
20	31.5	28.3	0.90	27	Pass	15	Pass	Negligible
21	30.1	26.0	0.87	27	Pass	15	Pass	Negligible
22	1.8	1.5	0.83	27	Pass	15	Pass	Negligible
23	0.5	0.4	0.75	27	Fail	15	Fail	Minor
24	23.5	15.6	0.66	27	Fail	15	Pass	Moderate
25	21.2	20.5	0.97	27	Pass	15	Pass	Negligible
26	29.7	17.8	0.60	27	Fail	15	Pass	Moderate
27	38.4	37.9	0.98	27	Pass	15	Pass	Negligible
28	36.8	33.3	0.91	27	Pass	15	Pass	Negligible
29	32.8	29.0	0.89	27	Pass	15	Pass	Negligible
30	31.9	26.9	0.84	27	Pass	15	Pass	Negligible
31	30.8	24.1	0.78	27	Fail	15	Pass	Minor
32	29.5	20.6	0.70	27	Fail	15	Pass	Moderate
33	32.6	26.8	0.82	27	Pass	15	Pass	Negligible
34	35.3	30.1	0.85	27	Pass	15	Pass	Negligible
35	29.7	19.6	0.66	27	Fail	15	Pass	Moderate
36	31.0	30.1	0.97	27	Pass	15	Pass	Negligible
37	11.6	11.7	1.02	27	Pass	15	Pass	None
38	31.0	28.5	0.92	27	Pass	15	Pass	Negligible
39	37.6	36.7	0.98	27	Pass	15	Pass	Negligible
40	38.2	37.5	0.98	27	Pass	15	Pass	Negligible
41	31.6	24.9	0.79	27	Fail	15	Pass	Minor
42	36.8	30.7	0.84	27	Pass	15	Pass	Negligible
43	37.1	36.0	0.97	27	Pass	15	Pass	Negligible
44	37.0	35.7	0.97	27	Pass	15	Pass	Negligible
45	33.1	24.6	0.74	27	Fail	15	Pass	Minor
46	27.5	17.7	0.64	27	Fail	15	Pass	Moderate
47	23.6	13.4	0.57	27	Fail	15	Fail	Major
48	32.6	25.4	0.78	27	Fail	15	Pass	Minor
49	31.4	22.2	0.71	27	Fail	15	Pass	Minor
50	30.4	19.4	0.64	27	Fail	15	Pass	Moderate
51	28.2	16.9	0.60	27	Fail	15	Pass	Major
52	26.5	26.2	0.99	27	Pass	15	Pass	Negligible
53	34.8	29.4	0.84	27	Pass	15	Pass	Negligible
54	35.9	31.7	0.88	27	Pass	15	Pass	Negligible
55	36.9	33.6	0.91	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
56	37.1	34.1	0.92	27	Pass	15	Pass	Negligible
57	37.1	34.5	0.93	27	Pass	15	Pass	Negligible
58	36.1	32.6	0.90	27	Pass	15	Pass	Negligible
59	35.1	30.7	0.88	27	Pass	15	Pass	Negligible
60	37.0	30.8	0.83	27	Pass	15	Pass	Negligible
61	37.0	31.6	0.85	27	Pass	15	Pass	Negligible
62	37.1	32.3	0.87	27	Pass	15	Pass	Negligible
63	35.9	29.6	0.82	27	Pass	15	Pass	Negligible
64	34.8	26.5	0.76	27	Fail	15	Pass	Minor
65	35.8	28.2	0.79	27	Pass	15	Pass	Minor
66	34.7	24.7	0.71	27	Fail	15	Pass	Minor
67	32.9	23.9	0.73	27	Fail	15	Pass	Minor
68	33.4	23.8	0.71	27	Fail	15	Pass	Minor
69	33.2	23.4	0.70	27	Fail	15	Pass	Minor
70	33.3	22.5	0.68	27	Fail	15	Pass	Moderate
71	33.5	22.3	0.67	27	Fail	15	Pass	Moderate
72	33.5	22.0	0.66	27	Fail	15	Pass	Moderate
73	33.7	21.9	0.65	27	Fail	15	Pass	Moderate
74	33.7	21.7	0.64	27	Fail	15	Pass	Moderate

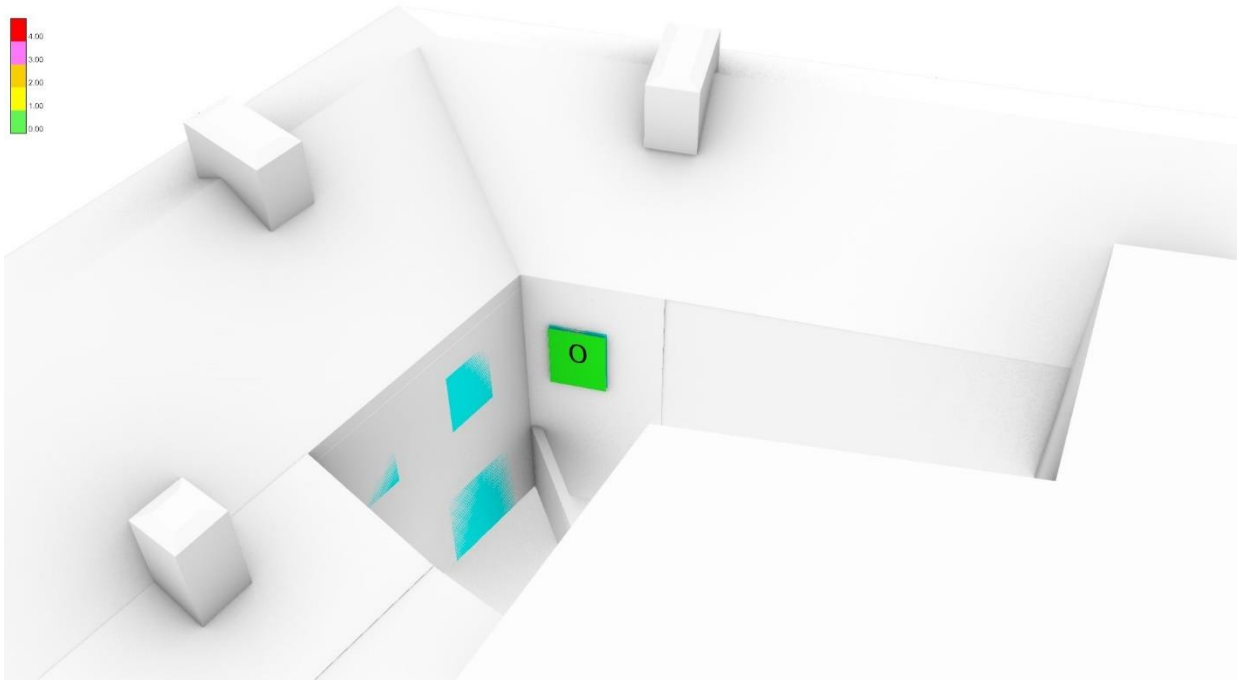
6.1.12 4 Sandwith St

Summary

Total Windows	1		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%

Test 1

Images

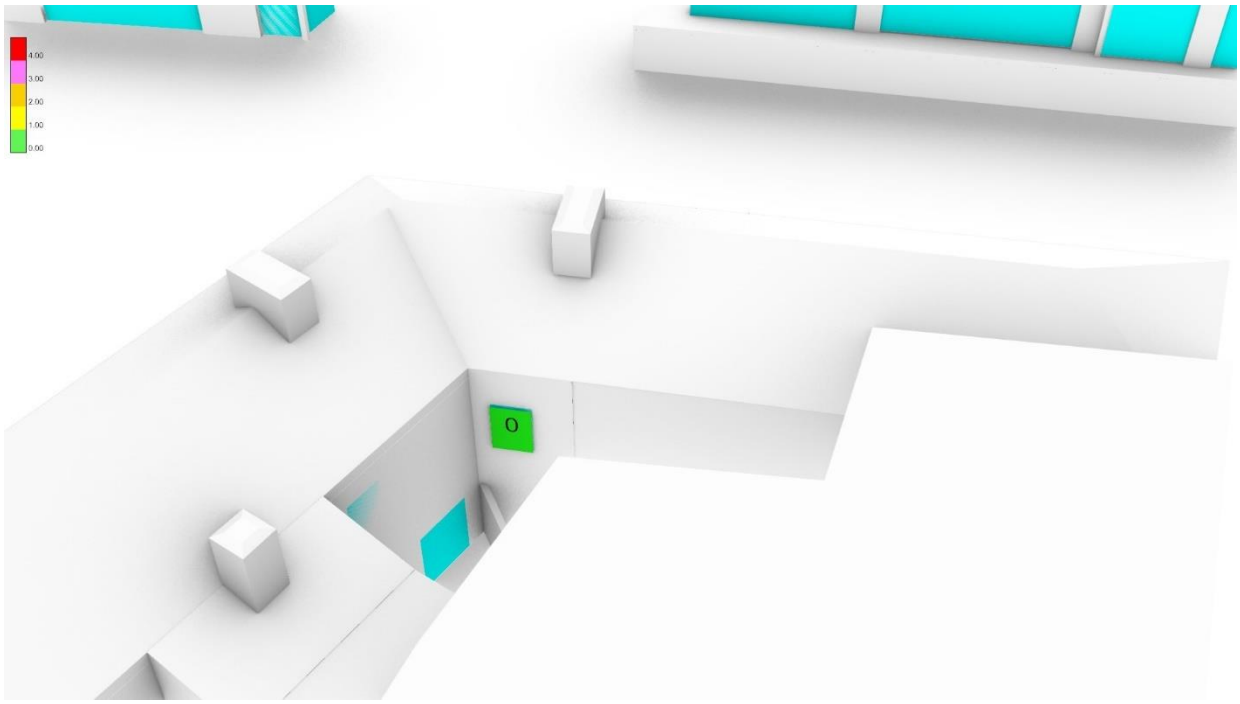


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	20.7	20.6	1.00	27	Pass	15	Pass	Negligible

Test 2

Images

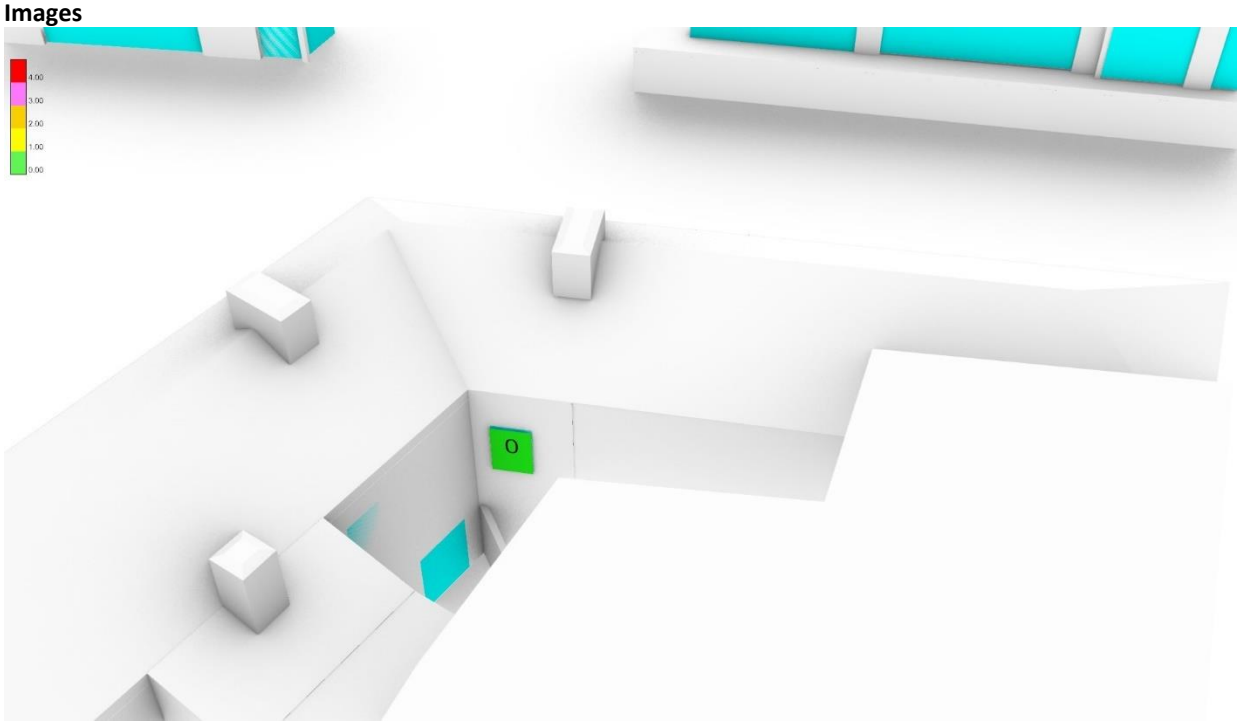


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	20.4	20.6	1.01	27	Pass	15	Pass	None

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	20.5	20.4	0.99	27	Pass	15	Pass	Negligible

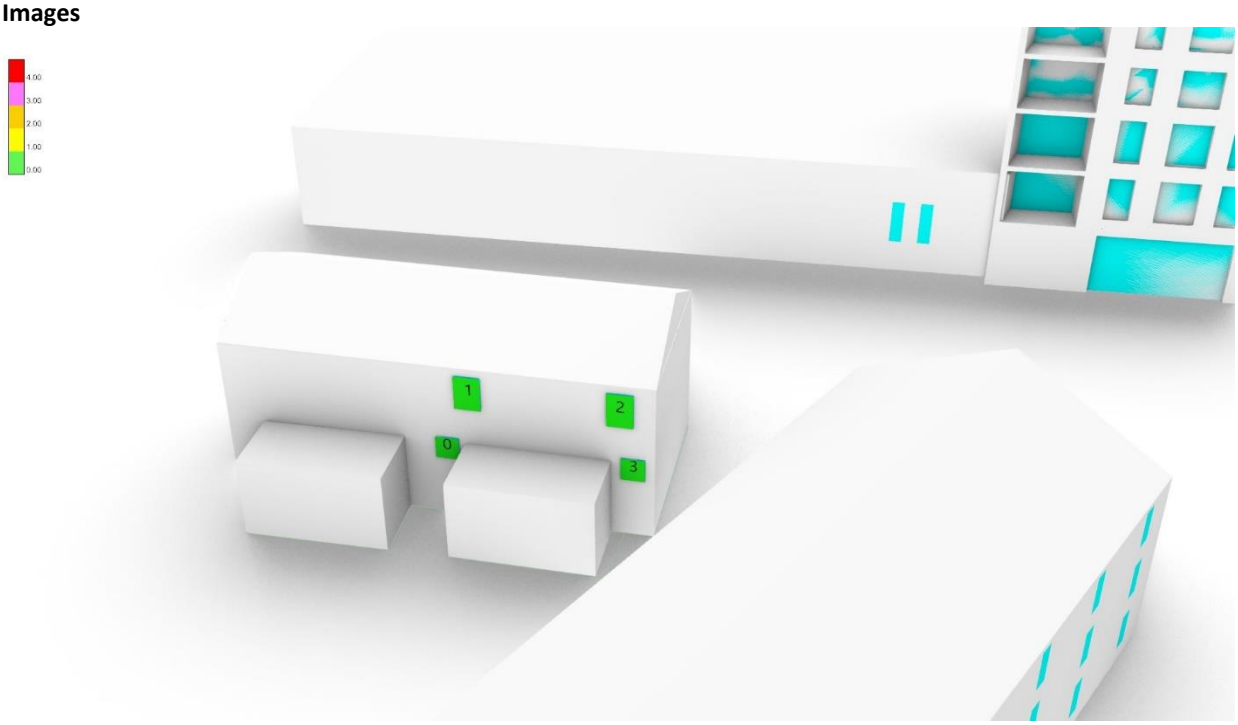
6.1.13 5 Sandwith St

Summary

Total Windows	4		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	75.0%	25.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	25.0%	75.0%	0.0%	0.0%	0.0%
	100.0%	100.0%	75.0%	25.0%	0.0%	0.0%	0.0%

Test 1

Images

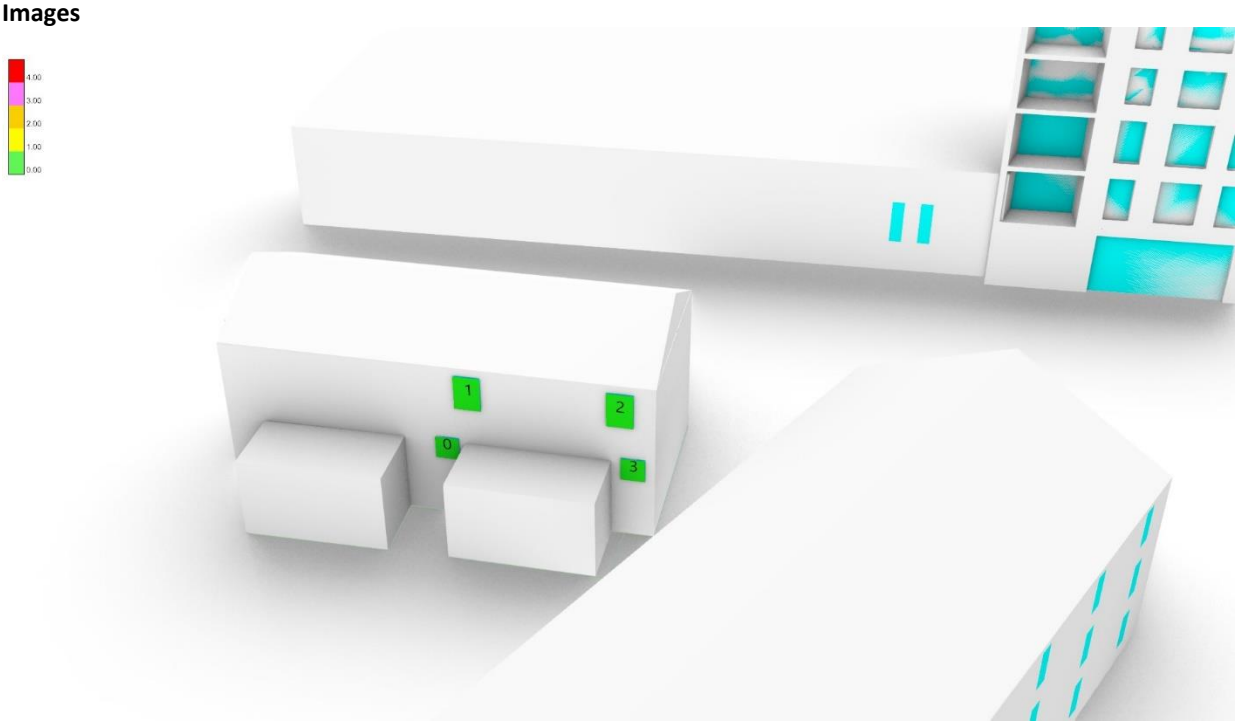


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	33.3	33.2	1.00	27	Pass	15	Pass	Negligible
1	35.3	35.4	1.00	27	Pass	15	Pass	None
2	34.5	34.5	1.00	27	Pass	15	Pass	None
3	27.9	28.0	1.01	27	Pass	15	Pass	None

Test 2

Images

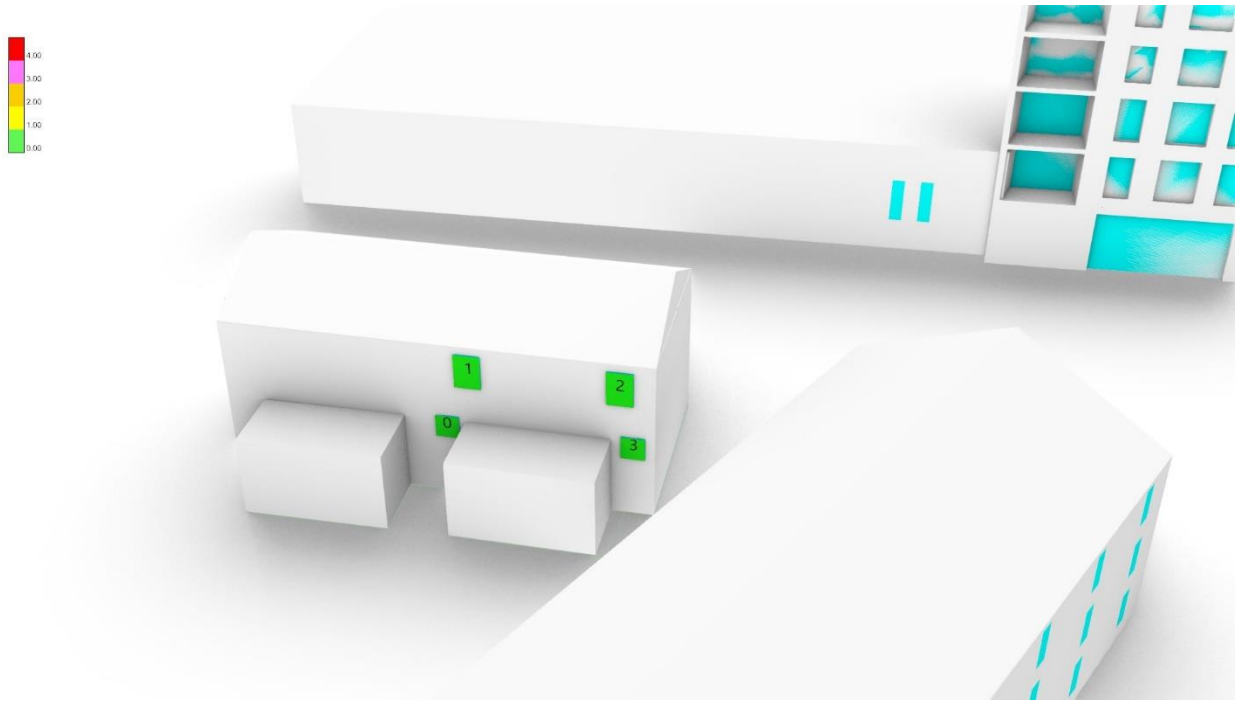


Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	33.2	33.2	1.00	27	Pass	15	Pass	Negligible
1	35.2	35.2	1.00	27	Pass	15	Pass	Negligible
2	34.5	34.4	1.00	27	Pass	15	Pass	Negligible
3	27.9	28.0	1.00	27	Pass	15	Pass	None

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	33.2	33.2	1.00	27	Pass	15	Pass	None
1	35.4	35.2	0.99	27	Pass	15	Pass	Negligible
2	34.5	34.5	1.00	27	Pass	15	Pass	Negligible
3	27.9	27.7	0.99	27	Pass	15	Pass	Negligible

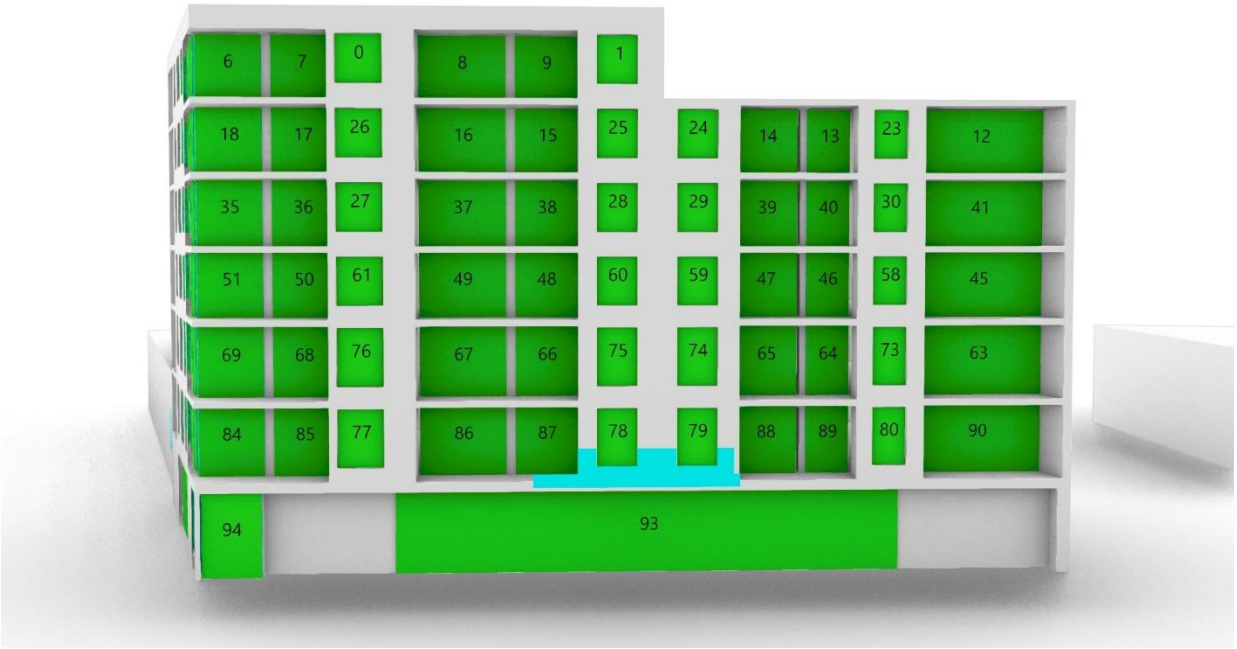
6.1.14 Grand Canal Place

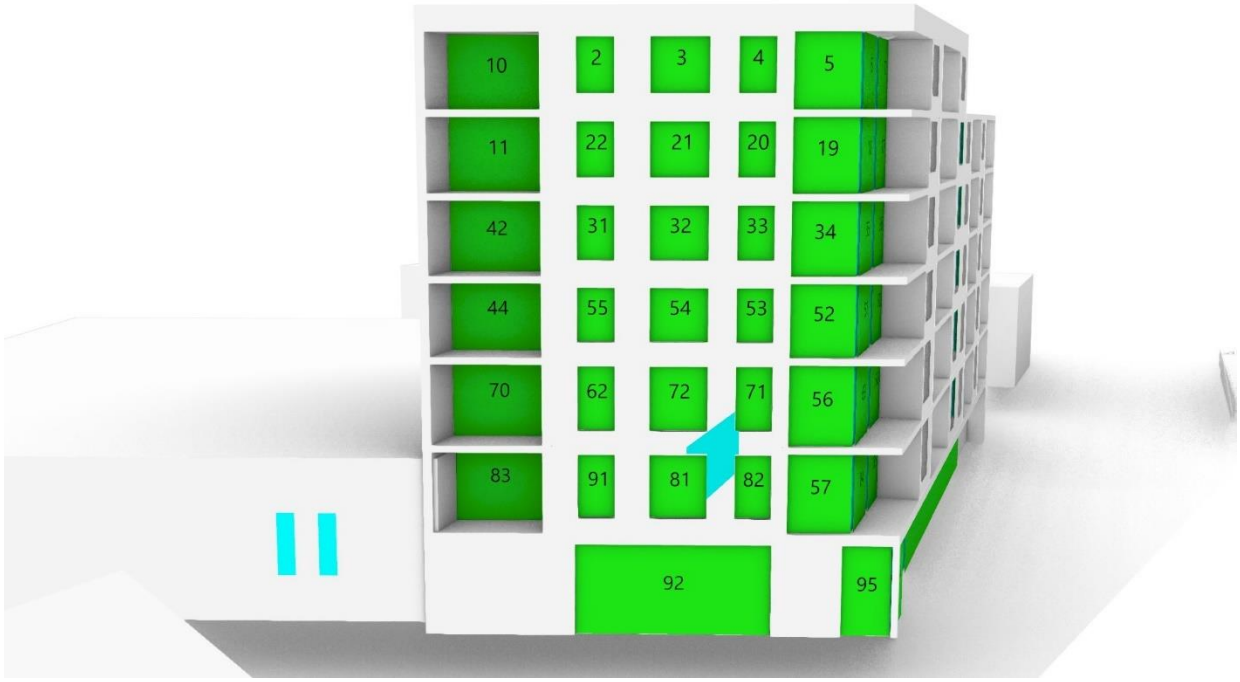
Summary

Total Windows	96		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	5.2%	94.8%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	10.4%	89.6%	0.0%	0.0%	0.0%
Test 3	99.0%	99.0%	2.1%	96.9%	1.0%	0.0%	0.0%

Test 1

Images





Results

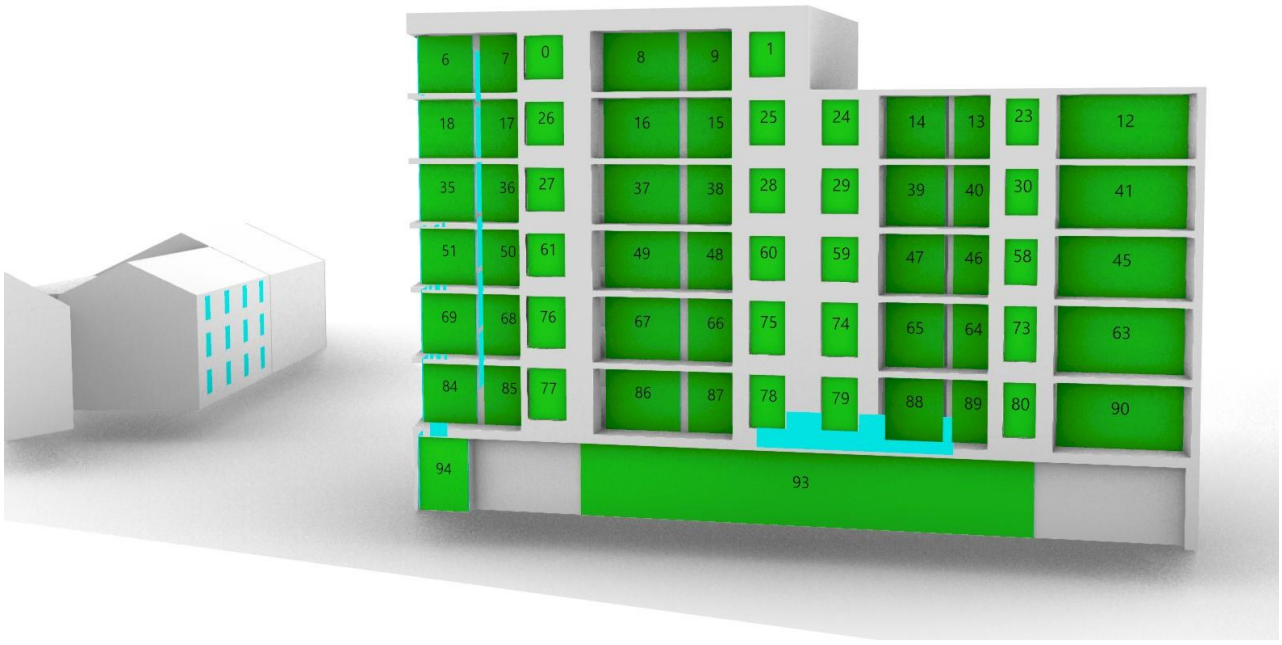
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	36.4	35.5	0.98	27	Pass	15	Pass	Negligible
1	36.3	35.8	0.99	27	Pass	15	Pass	Negligible
2	35.5	35.3	1.00	27	Pass	15	Pass	Negligible
3	36.3	35.9	0.99	27	Pass	15	Pass	Negligible
4	35.4	35.1	0.99	27	Pass	15	Pass	Negligible
5	37.1	36.7	0.99	27	Pass	15	Pass	Negligible
6	20.9	20.2	0.97	27	Pass	15	Pass	Negligible
7	16.1	15.3	0.95	27	Pass	15	Pass	Negligible
8	16.9	16.3	0.96	27	Pass	15	Pass	Negligible
9	15.3	14.8	0.97	27	Pass	15	Pass	Negligible
10	15.9	15.7	0.98	27	Pass	15	Pass	Negligible
11	15.6	15.4	0.98	27	Pass	15	Pass	Negligible
12	16.5	16.1	0.97	27	Pass	15	Pass	Negligible
13	13.3	12.8	0.96	27	Pass	15	Pass	Negligible
14	14.7	14.4	0.98	27	Pass	15	Pass	Negligible
15	14.8	14.0	0.95	27	Pass	15	Pass	Negligible
16	16.2	15.3	0.95	27	Pass	15	Pass	Negligible
17	15.5	14.6	0.94	27	Pass	15	Pass	Negligible
18	20.2	19.2	0.95	27	Pass	15	Pass	Negligible

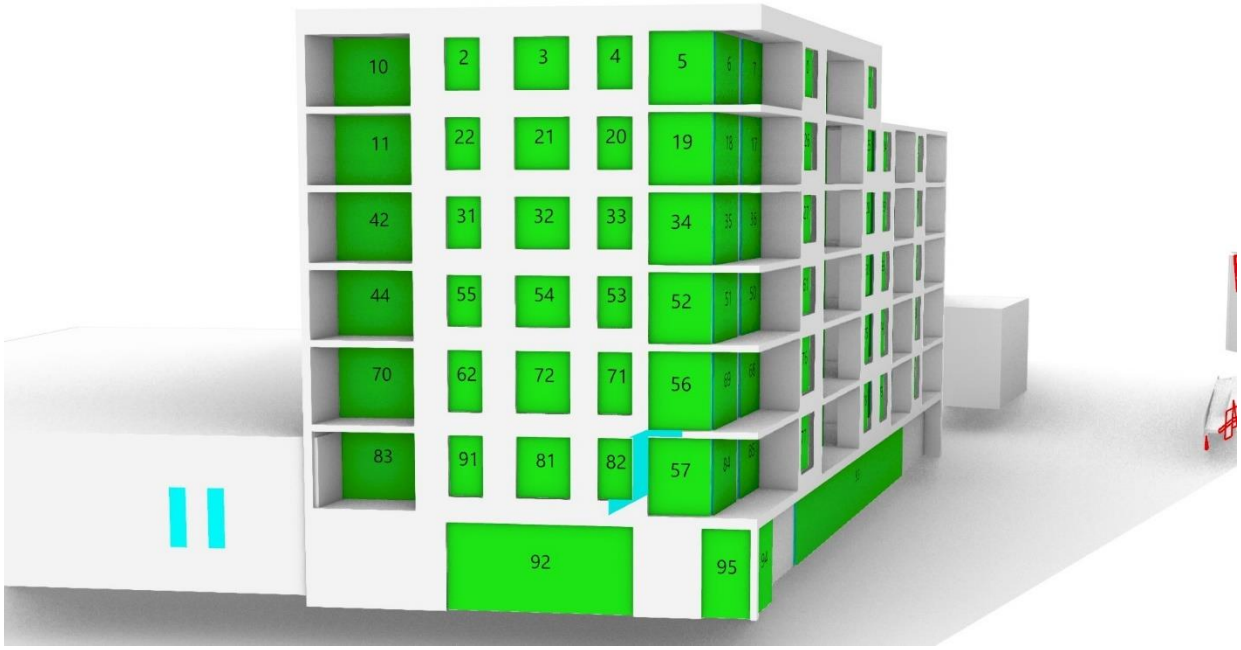
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
19	36.6	36.3	0.99	27	Pass	15	Pass	Negligible
20	35.0	34.5	0.99	27	Pass	15	Pass	Negligible
21	35.8	35.5	0.99	27	Pass	15	Pass	Negligible
22	35.2	34.7	0.99	27	Pass	15	Pass	Negligible
23	35.1	34.6	0.99	27	Pass	15	Pass	Negligible
24	35.4	35.0	0.99	27	Pass	15	Pass	Negligible
25	36.0	34.8	0.97	27	Pass	15	Pass	Negligible
26	35.8	34.6	0.97	27	Pass	15	Pass	Negligible
27	33.8	32.7	0.97	27	Pass	15	Pass	Negligible
28	33.3	32.8	0.99	27	Pass	15	Pass	Negligible
29	33.2	32.7	0.98	27	Pass	15	Pass	Negligible
30	32.6	32.5	1.00	27	Pass	15	Pass	Negligible
31	34.4	34.1	0.99	27	Pass	15	Pass	Negligible
32	35.4	34.7	0.98	27	Pass	15	Pass	Negligible
33	34.7	33.9	0.98	27	Pass	15	Pass	Negligible
34	36.2	35.5	0.98	27	Pass	15	Pass	Negligible
35	19.1	17.7	0.93	27	Pass	15	Pass	Negligible
36	14.6	13.4	0.92	27	Pass	15	Pass	Negligible
37	14.5	13.6	0.94	27	Pass	15	Pass	Negligible
38	13.1	12.4	0.95	27	Pass	15	Pass	Negligible
39	12.5	12.5	1.00	27	Pass	15	Pass	Negligible
40	11.6	11.3	0.97	27	Pass	15	Pass	Negligible
41	14.4	14.1	0.98	27	Pass	15	Pass	Negligible
42	15.1	15.2	1.00	27	Pass	15	Pass	None
43	7.3	7.4	1.01	27	Pass	15	Pass	None
44	14.8	14.7	0.99	27	Pass	15	Pass	Negligible
45	11.6	11.6	0.99	27	Pass	15	Pass	Negligible
46	9.4	9.3	0.98	27	Pass	15	Pass	Negligible
47	10.0	9.8	0.98	27	Pass	15	Pass	Negligible
48	11.0	10.1	0.92	27	Pass	15	Pass	Negligible
49	12.3	11.1	0.91	27	Pass	15	Pass	Negligible
50	13.2	11.8	0.89	27	Pass	15	Pass	Negligible
51	17.6	15.9	0.90	27	Pass	15	Pass	Negligible
52	35.8	34.9	0.98	27	Pass	15	Pass	Negligible
53	34.2	33.7	0.98	27	Pass	15	Pass	Negligible
54	34.8	34.0	0.98	27	Pass	15	Pass	Negligible
55	34.3	33.2	0.97	27	Pass	15	Pass	Negligible
56	35.1	34.2	0.97	27	Pass	15	Pass	Negligible
57	33.7	32.3	0.96	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
58	29.7	29.6	1.00	27	Pass	15	Pass	Negligible
59	30.2	29.6	0.98	27	Pass	15	Pass	Negligible
60	30.4	29.8	0.98	27	Pass	15	Pass	Negligible
61	31.7	30.3	0.96	27	Pass	15	Pass	Negligible
62	33.8	33.2	0.98	27	Pass	15	Pass	Negligible
63	10.2	10.1	0.99	27	Pass	15	Pass	Negligible
64	8.2	8.1	0.99	27	Pass	15	Pass	Negligible
65	8.6	8.6	1.01	27	Pass	15	Pass	None
66	10.1	9.4	0.93	27	Pass	15	Pass	Negligible
67	11.2	9.9	0.88	27	Pass	15	Pass	Negligible
68	13.4	11.6	0.87	27	Pass	15	Pass	Negligible
69	17.6	15.7	0.89	27	Pass	15	Pass	Negligible
70	15.5	15.6	1.00	27	Pass	15	Pass	None
71	33.8	32.7	0.97	27	Pass	15	Pass	Negligible
72	34.4	33.8	0.98	27	Pass	15	Pass	Negligible
73	26.3	26.1	0.99	27	Pass	15	Pass	Negligible
74	27.0	26.9	1.00	27	Pass	15	Pass	Negligible
75	27.1	26.8	0.99	27	Pass	15	Pass	Negligible
76	29.6	27.8	0.94	27	Pass	15	Pass	Negligible
77	26.9	24.9	0.93	27	Pass	15	Pass	Negligible
78	23.3	22.8	0.98	27	Pass	15	Pass	Negligible
79	23.0	22.5	0.98	27	Pass	15	Pass	Negligible
80	22.0	21.9	0.99	27	Pass	15	Pass	Negligible
81	33.3	32.4	0.97	27	Pass	15	Pass	Negligible
82	32.3	31.4	0.97	27	Pass	15	Pass	Negligible
83	14.6	14.6	1.00	27	Pass	15	Pass	Negligible
84	15.6	13.4	0.86	27	Pass	15	Pass	Negligible
85	11.5	9.7	0.85	27	Pass	15	Pass	Negligible
86	8.5	7.1	0.83	27	Pass	15	Pass	Negligible
87	7.3	6.5	0.89	27	Pass	15	Pass	Negligible
88	5.1	5.3	1.03	27	Pass	15	Pass	None
89	5.4	5.3	0.98	27	Pass	15	Pass	Negligible
90	6.3	6.2	0.99	27	Pass	15	Pass	Negligible
91	32.5	31.7	0.98	27	Pass	15	Pass	Negligible
92	32.5	31.4	0.97	27	Pass	15	Pass	Negligible
93	15.5	15.0	0.97	27	Pass	15	Pass	Negligible
94	27.2	25.3	0.93	27	Pass	15	Pass	Negligible
95	31.8	30.8	0.97	27	Pass	15	Pass	Negligible

Test 2

Images





Results

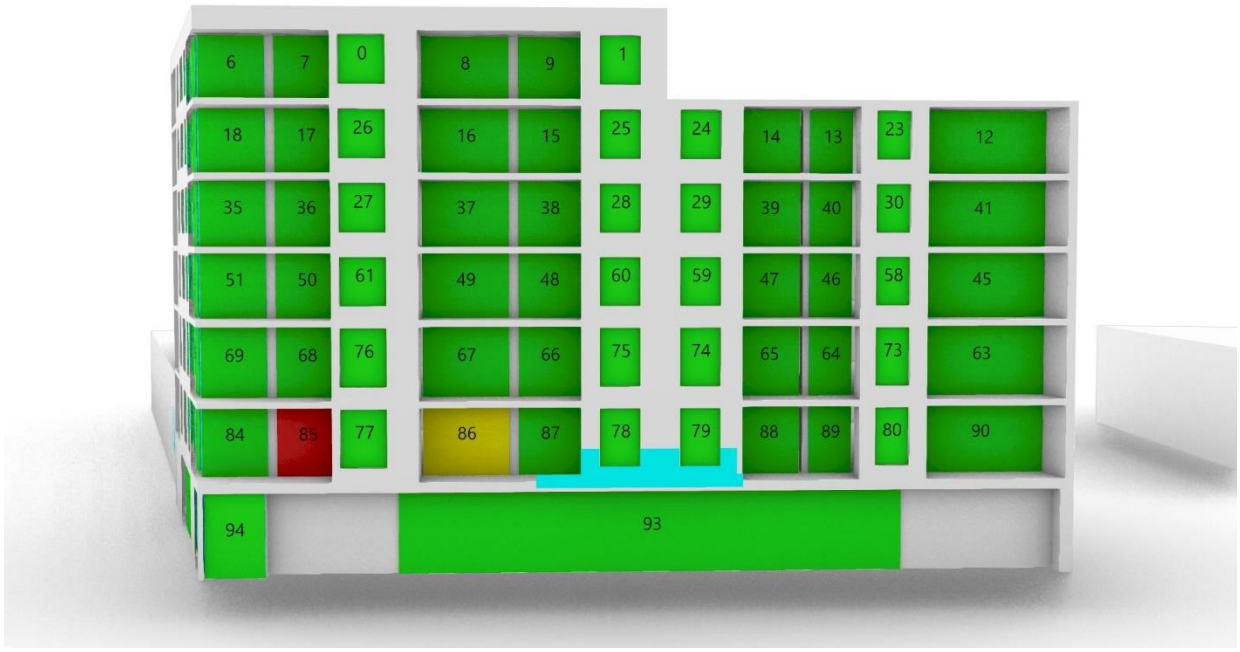
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	35.8	35.6	0.99	27	Pass	15	Pass	Negligible
1	36.0	35.6	0.99	27	Pass	15	Pass	Negligible
2	35.2	35.0	0.99	27	Pass	15	Pass	Negligible
3	35.9	35.7	0.99	27	Pass	15	Pass	Negligible
4	35.0	34.8	0.99	27	Pass	15	Pass	Negligible
5	36.9	36.2	0.98	27	Pass	15	Pass	Negligible
6	20.4	19.8	0.97	27	Pass	15	Pass	Negligible
7	15.8	15.1	0.96	27	Pass	15	Pass	Negligible
8	16.7	16.2	0.97	27	Pass	15	Pass	Negligible
9	15.0	14.6	0.98	27	Pass	15	Pass	Negligible
10	15.5	15.6	1.01	27	Pass	15	Pass	None
11	15.2	15.2	1.01	27	Pass	15	Pass	None
12	16.4	15.9	0.97	27	Pass	15	Pass	Negligible
13	13.1	12.6	0.96	27	Pass	15	Pass	Negligible
14	14.7	14.3	0.97	27	Pass	15	Pass	Negligible
15	14.5	13.9	0.95	27	Pass	15	Pass	Negligible
16	16.0	15.2	0.95	27	Pass	15	Pass	Negligible
17	15.2	14.4	0.94	27	Pass	15	Pass	Negligible
18	19.8	19.0	0.96	27	Pass	15	Pass	Negligible
19	35.9	35.8	1.00	27	Pass	15	Pass	Negligible
20	34.4	34.5	1.00	27	Pass	15	Pass	None
21	35.5	34.9	0.98	27	Pass	15	Pass	Negligible
22	34.7	34.4	0.99	27	Pass	15	Pass	Negligible
23	34.7	34.6	1.00	27	Pass	15	Pass	Negligible
24	35.4	34.9	0.99	27	Pass	15	Pass	Negligible
25	35.4	34.8	0.98	27	Pass	15	Pass	Negligible
26	35.0	34.3	0.98	27	Pass	15	Pass	Negligible
27	33.6	32.3	0.96	27	Pass	15	Pass	Negligible
28	33.1	32.3	0.98	27	Pass	15	Pass	Negligible
29	33.0	32.6	0.99	27	Pass	15	Pass	Negligible
30	32.2	32.0	0.99	27	Pass	15	Pass	Negligible
31	34.2	33.7	0.98	27	Pass	15	Pass	Negligible
32	34.7	34.4	0.99	27	Pass	15	Pass	Negligible
33	33.9	33.9	1.00	27	Pass	15	Pass	Negligible
34	35.5	35.1	0.99	27	Pass	15	Pass	Negligible
35	18.5	17.5	0.94	27	Pass	15	Pass	Negligible
36	14.1	12.9	0.92	27	Pass	15	Pass	Negligible
37	14.3	13.3	0.93	27	Pass	15	Pass	Negligible

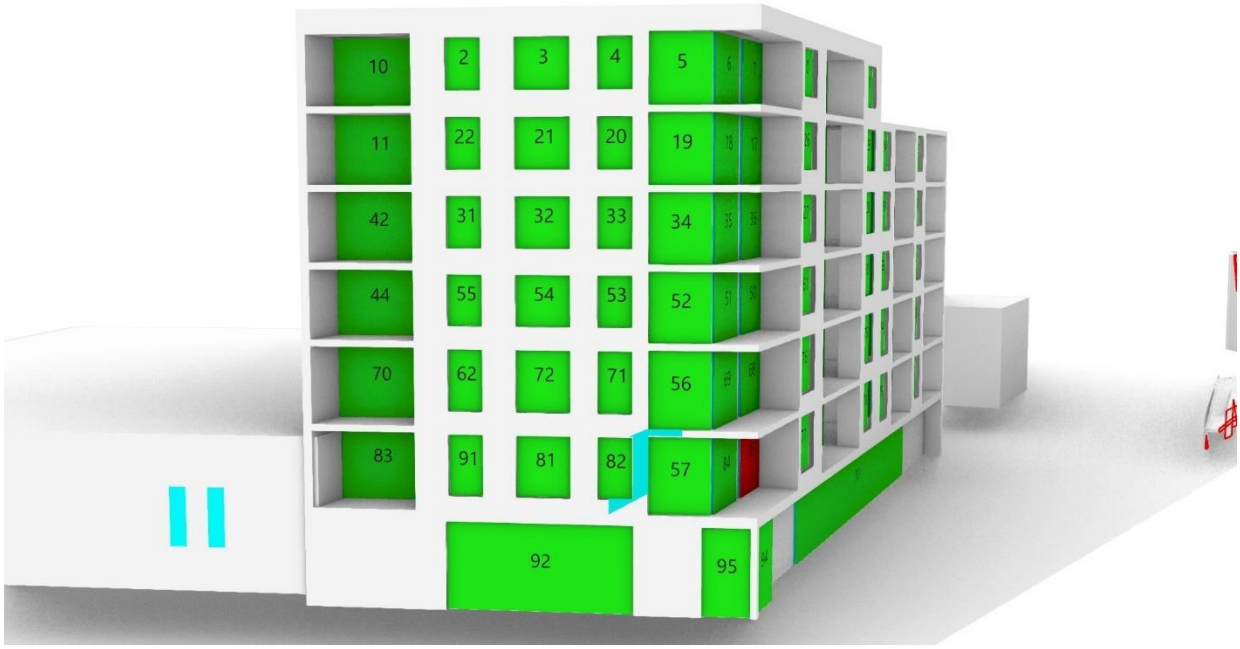
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	12.8	12.2	0.95	27	Pass	15	Pass	Negligible
39	12.7	12.4	0.97	27	Pass	15	Pass	Negligible
40	11.6	11.0	0.95	27	Pass	15	Pass	Negligible
41	14.3	14.0	0.98	27	Pass	15	Pass	Negligible
42	14.8	14.8	1.00	27	Pass	15	Pass	Negligible
43	7.3	7.4	1.01	27	Pass	15	Pass	None
44	14.1	14.2	1.01	27	Pass	15	Pass	None
45	11.6	11.7	1.01	27	Pass	15	Pass	None
46	9.1	9.0	1.00	27	Pass	15	Pass	Negligible
47	9.8	10.1	1.03	27	Pass	15	Pass	None
48	10.6	9.9	0.93	27	Pass	15	Pass	Negligible
49	11.7	10.9	0.93	27	Pass	15	Pass	Negligible
50	12.6	11.3	0.89	27	Pass	15	Pass	Negligible
51	16.9	15.5	0.92	27	Pass	15	Pass	Negligible
52	35.1	34.1	0.97	27	Pass	15	Pass	Negligible
53	33.3	32.8	0.98	27	Pass	15	Pass	Negligible
54	34.1	33.7	0.99	27	Pass	15	Pass	Negligible
55	33.5	33.1	0.99	27	Pass	15	Pass	Negligible
56	34.1	33.4	0.98	27	Pass	15	Pass	Negligible
57	32.7	31.8	0.97	27	Pass	15	Pass	Negligible
58	29.3	29.2	1.00	27	Pass	15	Pass	Negligible
59	29.8	29.8	1.00	27	Pass	15	Pass	Negligible
60	29.8	29.5	0.99	27	Pass	15	Pass	Negligible
61	31.0	30.0	0.97	27	Pass	15	Pass	Negligible
62	32.9	32.3	0.98	27	Pass	15	Pass	Negligible
63	10.1	9.9	0.98	27	Pass	15	Pass	Negligible
64	8.2	8.1	0.98	27	Pass	15	Pass	Negligible
65	8.6	8.5	0.99	27	Pass	15	Pass	Negligible
66	9.8	8.9	0.91	27	Pass	15	Pass	Negligible
67	10.8	9.7	0.89	27	Pass	15	Pass	Negligible
68	12.6	11.4	0.91	27	Pass	15	Pass	Negligible
69	16.7	15.3	0.91	27	Pass	15	Pass	Negligible
70	15.1	14.9	0.99	27	Pass	15	Pass	Negligible
71	32.6	32.1	0.99	27	Pass	15	Pass	Negligible
72	34.0	33.1	0.97	27	Pass	15	Pass	Negligible
73	26.3	26.1	0.99	27	Pass	15	Pass	Negligible
74	26.6	26.5	1.00	27	Pass	15	Pass	Negligible
75	26.5	26.3	0.99	27	Pass	15	Pass	Negligible
76	29.0	27.4	0.94	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
77	25.9	24.3	0.94	27	Pass	15	Pass	Negligible
78	22.7	22.5	0.99	27	Pass	15	Pass	Negligible
79	22.7	22.2	0.98	27	Pass	15	Pass	Negligible
80	21.9	21.8	1.00	27	Pass	15	Pass	Negligible
81	32.3	31.3	0.97	27	Pass	15	Pass	Negligible
82	31.0	30.7	0.99	27	Pass	15	Pass	Negligible
83	14.1	14.1	1.00	27	Pass	15	Pass	None
84	14.5	13.0	0.90	27	Pass	15	Pass	Negligible
85	10.6	9.2	0.87	27	Pass	15	Pass	Negligible
86	7.9	6.7	0.85	27	Pass	15	Pass	Negligible
87	6.9	6.2	0.90	27	Pass	15	Pass	Negligible
88	5.2	5.2	1.00	27	Pass	15	Pass	None
89	5.2	4.9	0.95	27	Pass	15	Pass	Negligible
90	6.2	6.4	1.02	27	Pass	15	Pass	None
91	31.6	31.2	0.99	27	Pass	15	Pass	Negligible
92	31.5	31.0	0.98	27	Pass	15	Pass	Negligible
93	14.9	14.7	0.99	27	Pass	15	Pass	Negligible
94	26.5	24.9	0.94	27	Pass	15	Pass	Negligible
95	30.6	30.2	0.99	27	Pass	15	Pass	Negligible

Test 3

Images





Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	36.2	35.4	0.98	27	Pass	15	Pass	Negligible
1	36.5	35.5	0.97	27	Pass	15	Pass	Negligible
2	35.5	35.1	0.99	27	Pass	15	Pass	Negligible
3	36.1	35.5	0.98	27	Pass	15	Pass	Negligible
4	35.6	34.8	0.98	27	Pass	15	Pass	Negligible
5	37.4	36.4	0.97	27	Pass	15	Pass	Negligible
6	20.9	19.8	0.95	27	Pass	15	Pass	Negligible
7	16.1	15.0	0.93	27	Pass	15	Pass	Negligible
8	17.0	15.9	0.93	27	Pass	15	Pass	Negligible
9	15.3	14.5	0.95	27	Pass	15	Pass	Negligible
10	15.7	15.5	0.98	27	Pass	15	Pass	Negligible
11	15.5	15.2	0.98	27	Pass	15	Pass	Negligible
12	16.6	15.8	0.95	27	Pass	15	Pass	Negligible
13	13.3	12.6	0.95	27	Pass	15	Pass	Negligible
14	14.8	14.3	0.96	27	Pass	15	Pass	Negligible
15	14.9	14.0	0.94	27	Pass	15	Pass	Negligible
16	16.2	15.1	0.94	27	Pass	15	Pass	Negligible
17	15.8	14.4	0.91	27	Pass	15	Pass	Negligible
18	20.4	18.9	0.93	27	Pass	15	Pass	Negligible
19	36.7	35.9	0.98	27	Pass	15	Pass	Negligible
20	35.2	34.4	0.98	27	Pass	15	Pass	Negligible
21	35.8	34.9	0.97	27	Pass	15	Pass	Negligible
22	34.9	34.2	0.98	27	Pass	15	Pass	Negligible
23	35.1	34.4	0.98	27	Pass	15	Pass	Negligible
24	35.6	34.7	0.98	27	Pass	15	Pass	Negligible
25	35.6	34.5	0.97	27	Pass	15	Pass	Negligible
26	35.5	34.3	0.96	27	Pass	15	Pass	Negligible
27	33.9	32.4	0.96	27	Pass	15	Pass	Negligible
28	33.5	32.5	0.97	27	Pass	15	Pass	Negligible
29	33.1	32.5	0.98	27	Pass	15	Pass	Negligible
30	32.7	32.3	0.99	27	Pass	15	Pass	Negligible
31	34.5	33.5	0.97	27	Pass	15	Pass	Negligible
32	35.3	34.4	0.97	27	Pass	15	Pass	Negligible
33	34.7	33.3	0.96	27	Pass	15	Pass	Negligible
34	36.1	35.2	0.97	27	Pass	15	Pass	Negligible
35	19.2	17.5	0.91	27	Pass	15	Pass	Negligible
36	14.5	13.1	0.90	27	Pass	15	Pass	Negligible
37	14.4	13.3	0.93	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
38	13.3	12.2	0.91	27	Pass	15	Pass	Negligible
39	12.5	12.5	1.00	27	Pass	15	Pass	Negligible
40	11.5	11.3	0.98	27	Pass	15	Pass	Negligible
41	14.4	14.0	0.97	27	Pass	15	Pass	Negligible
42	15.1	14.8	0.98	27	Pass	15	Pass	Negligible
43	7.5	7.2	0.97	27	Pass	15	Pass	Negligible
44	14.8	14.2	0.96	27	Pass	15	Pass	Negligible
45	11.8	11.4	0.97	27	Pass	15	Pass	Negligible
46	9.4	9.2	0.99	27	Pass	15	Pass	Negligible
47	10.0	10.0	1.00	27	Pass	15	Pass	None
48	10.9	10.0	0.91	27	Pass	15	Pass	Negligible
49	12.2	11.0	0.90	27	Pass	15	Pass	Negligible
50	13.2	11.2	0.85	27	Pass	15	Pass	Negligible
51	17.5	15.4	0.88	27	Pass	15	Pass	Negligible
52	35.7	34.3	0.96	27	Pass	15	Pass	Negligible
53	33.9	32.8	0.97	27	Pass	15	Pass	Negligible
54	35.0	33.7	0.96	27	Pass	15	Pass	Negligible
55	34.1	33.1	0.97	27	Pass	15	Pass	Negligible
56	35.0	33.5	0.96	27	Pass	15	Pass	Negligible
57	33.7	32.0	0.95	27	Pass	15	Pass	Negligible
58	29.6	29.3	0.99	27	Pass	15	Pass	Negligible
59	30.5	29.7	0.98	27	Pass	15	Pass	Negligible
60	30.4	29.6	0.97	27	Pass	15	Pass	Negligible
61	31.9	29.9	0.94	27	Pass	15	Pass	Negligible
62	33.8	32.5	0.96	27	Pass	15	Pass	Negligible
63	9.9	10.2	1.03	27	Pass	15	Pass	None
64	8.2	8.2	1.00	27	Pass	15	Pass	Negligible
65	8.6	8.6	1.00	27	Pass	15	Pass	Negligible
66	10.2	9.1	0.89	27	Pass	15	Pass	Negligible
67	11.3	9.8	0.87	27	Pass	15	Pass	Negligible
68	13.2	11.2	0.85	27	Pass	15	Pass	Negligible
69	17.5	15.2	0.86	27	Pass	15	Pass	Negligible
70	15.6	15.1	0.97	27	Pass	15	Pass	Negligible
71	33.8	32.1	0.95	27	Pass	15	Pass	Negligible
72	34.5	33.0	0.96	27	Pass	15	Pass	Negligible
73	26.4	26.1	0.99	27	Pass	15	Pass	Negligible
74	27.1	26.3	0.97	27	Pass	15	Pass	Negligible
75	27.1	26.5	0.98	27	Pass	15	Pass	Negligible
76	29.6	27.4	0.92	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
77	26.7	24.5	0.92	27	Pass	15	Pass	Negligible
78	23.6	22.5	0.96	27	Pass	15	Pass	Negligible
79	22.8	22.5	0.99	27	Pass	15	Pass	Negligible
80	22.1	21.9	0.99	27	Pass	15	Pass	Negligible
81	33.1	31.6	0.95	27	Pass	15	Pass	Negligible
82	32.3	30.5	0.94	27	Pass	15	Pass	Negligible
83	14.6	13.9	0.95	27	Pass	15	Pass	Negligible
84	15.7	13.1	0.84	27	Pass	15	Pass	Negligible
85	11.7	9.2	0.79	27	Fail	15	Fail	Minor
86	8.5	6.9	0.80	27	Marginal Pass	15	Marginal Pass	Negligible
87	7.5	6.2	0.82	27	Pass	15	Pass	Negligible
88	5.2	5.2	1.00	27	Pass	15	Pass	Negligible
89	5.3	5.0	0.94	27	Pass	15	Pass	Negligible
90	6.2	6.0	0.97	27	Pass	15	Pass	Negligible
91	32.3	31.1	0.96	27	Pass	15	Pass	Negligible
92	32.3	30.7	0.95	27	Pass	15	Pass	Negligible
93	15.6	14.9	0.95	27	Pass	15	Pass	Negligible
94	27.4	24.9	0.91	27	Pass	15	Pass	Negligible
95	31.8	30.0	0.94	27	Pass	15	Pass	Negligible

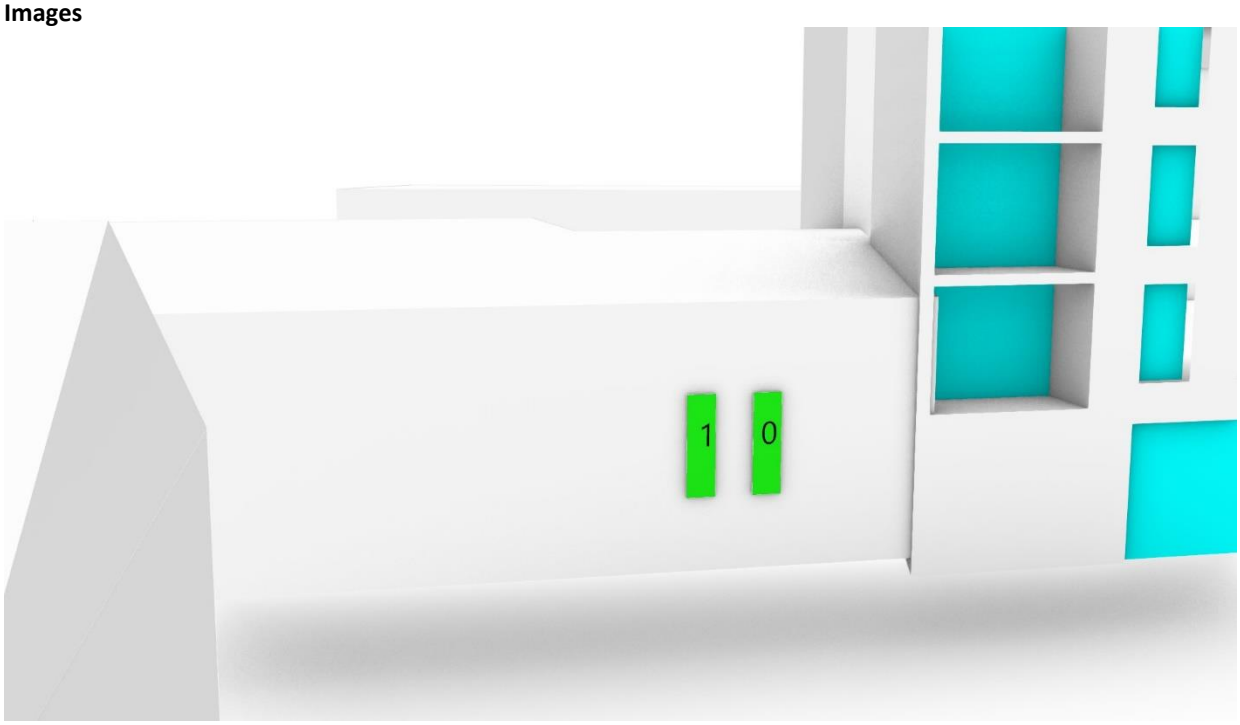
6.1.15 9 Sandwith St

Summary

Total Windows	2		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	33.4	32.8	0.98	27	Pass	15	Pass	Negligible
1	33.4	32.9	0.99	27	Pass	15	Pass	Negligible

Test 2

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	32.7	32.4	0.99	27	Pass	15	Pass	Negligible
1	32.7	32.2	0.99	27	Pass	15	Pass	Negligible

Test 3

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	33.5	32.3	0.96	27	Pass	15	Pass	Negligible
1	33.4	32.3	0.97	27	Pass	15	Pass	Negligible

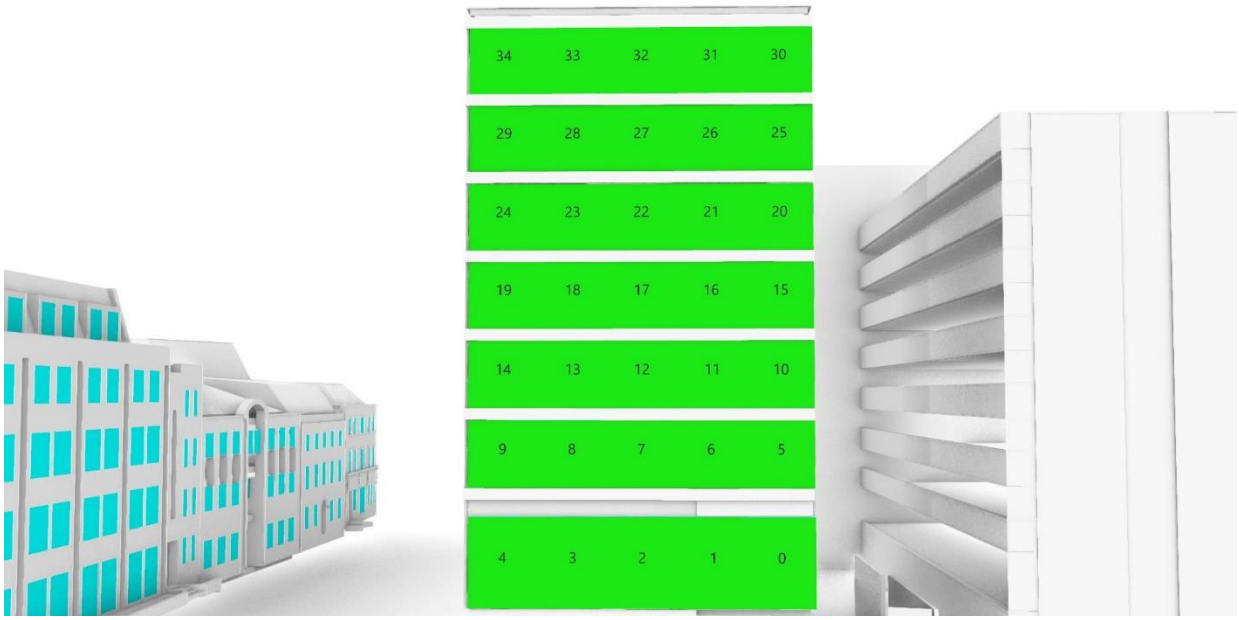
6.1.16 Cumberland House

Summary

Total Windows	35		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	37.8%	62.2%	0.0%	0.0%	0.0%
Test 3	16.2%	48.6%	0.0%	13.5%	2.7%	16.2%	67.6%

Test 1

Images



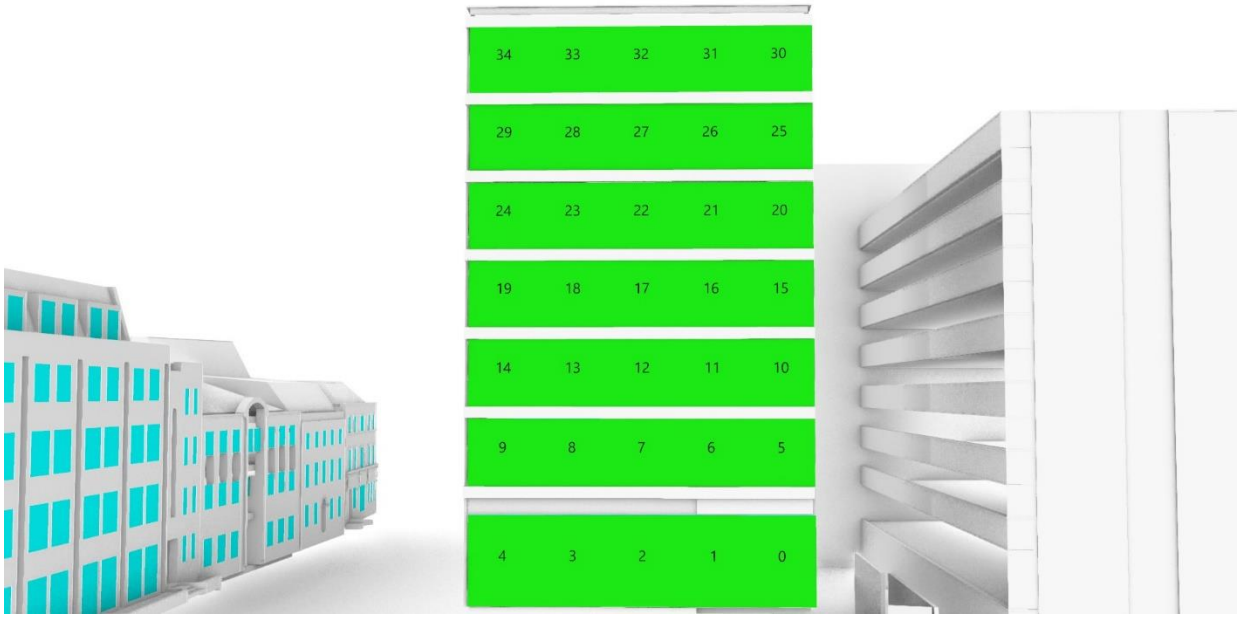
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	32.2	28.0	0.87	27	Pass	15	Pass	Negligible
1	30.7	27.3	0.89	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
2	28.8	26.5	0.92	27	Pass	15	Pass	Negligible
3	27.2	25.1	0.92	27	Pass	15	Pass	Negligible
4	26.8	24.6	0.92	27	Pass	15	Pass	Negligible
5	36.2	31.8	0.88	27	Pass	15	Pass	Negligible
6	36.0	31.5	0.87	27	Pass	15	Pass	Negligible
7	35.9	31.2	0.87	27	Pass	15	Pass	Negligible
8	35.6	31.3	0.88	27	Pass	15	Pass	Negligible
9	35.1	31.1	0.89	27	Pass	15	Pass	Negligible
10	37.4	33.9	0.91	27	Pass	15	Pass	Negligible
11	37.3	33.6	0.90	27	Pass	15	Pass	Negligible
12	37.2	33.4	0.90	27	Pass	15	Pass	Negligible
13	37.0	33.6	0.91	27	Pass	15	Pass	Negligible
14	36.7	33.4	0.91	27	Pass	15	Pass	Negligible
15	38.3	35.8	0.94	27	Pass	15	Pass	Negligible
16	38.2	35.8	0.94	27	Pass	15	Pass	Negligible
17	38.2	35.7	0.93	27	Pass	15	Pass	Negligible
18	38.0	35.6	0.94	27	Pass	15	Pass	Negligible
19	37.9	35.6	0.94	27	Pass	15	Pass	Negligible
20	38.9	37.5	0.96	27	Pass	15	Pass	Negligible
21	38.9	37.4	0.96	27	Pass	15	Pass	Negligible
22	38.8	37.5	0.97	27	Pass	15	Pass	Negligible
23	38.9	37.5	0.96	27	Pass	15	Pass	Negligible
24	38.9	37.5	0.96	27	Pass	15	Pass	Negligible
25	39.2	38.7	0.99	27	Pass	15	Pass	Negligible
26	39.2	38.8	0.99	27	Pass	15	Pass	Negligible
27	39.3	38.7	0.99	27	Pass	15	Pass	Negligible
28	39.2	38.9	0.99	27	Pass	15	Pass	Negligible
29	39.1	38.7	0.99	27	Pass	15	Pass	Negligible
30	39.5	39.4	1.00	27	Pass	15	Pass	Negligible
31	39.5	39.3	1.00	27	Pass	15	Pass	Negligible
32	39.4	39.4	1.00	27	Pass	15	Pass	Negligible
33	39.4	39.4	1.00	27	Pass	15	Pass	Negligible
34	39.5	39.4	1.00	27	Pass	15	Pass	Negligible

Test 2

Images



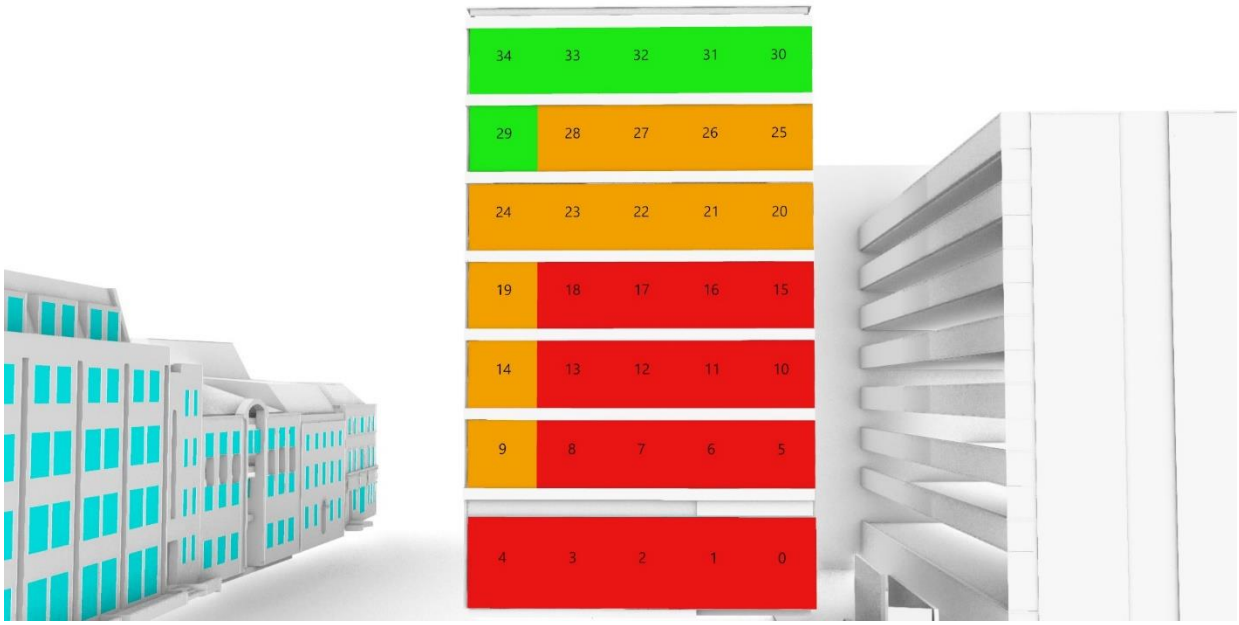
Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	4.6	4.4	0.96	27	Pass	15	Pass	Negligible
1	4.9	4.9	1.00	27	Pass	15	Pass	None
2	5.9	5.8	0.99	27	Pass	15	Pass	Negligible
3	8.0	8.0	0.99	27	Pass	15	Pass	Negligible
4	12.9	12.6	0.98	27	Pass	15	Pass	Negligible
5	5.9	5.6	0.96	27	Pass	15	Pass	Negligible
6	6.5	6.3	0.96	27	Pass	15	Pass	Negligible
7	7.6	7.4	0.97	27	Pass	15	Pass	Negligible
8	10.2	10.1	1.00	27	Pass	15	Pass	Negligible
9	15.1	14.9	0.99	27	Pass	15	Pass	Negligible
10	7.5	7.7	1.02	27	Pass	15	Pass	None
11	8.1	8.2	1.01	27	Pass	15	Pass	None
12	9.5	9.6	1.01	27	Pass	15	Pass	None
13	12.2	12.1	0.99	27	Pass	15	Pass	Negligible
14	17.1	17.0	0.99	27	Pass	15	Pass	Negligible
15	10.8	10.5	0.98	27	Pass	15	Pass	Negligible
16	10.9	11.0	1.01	27	Pass	15	Pass	None
17	12.3	12.2	1.00	27	Pass	15	Pass	Negligible
18	15.0	14.9	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
19	19.8	19.6	0.99	27	Pass	15	Pass	Negligible
20	15.7	15.7	1.00	27	Pass	15	Pass	None
21	15.9	16.2	1.01	27	Pass	15	Pass	None
22	17.1	17.2	1.01	27	Pass	15	Pass	None
23	19.3	19.3	1.00	27	Pass	15	Pass	None
24	23.6	23.6	1.00	27	Pass	15	Pass	None
25	24.6	24.7	1.00	27	Pass	15	Pass	None
26	24.8	24.9	1.00	27	Pass	15	Pass	None
27	25.4	25.4	1.00	27	Pass	15	Pass	Negligible
28	26.8	26.9	1.01	27	Pass	15	Pass	None
29	29.6	29.6	1.00	27	Pass	15	Pass	Negligible
30	36.3	36.2	1.00	27	Pass	15	Pass	Negligible
31	36.4	36.3	1.00	27	Pass	15	Pass	Negligible
32	36.5	36.5	1.00	27	Pass	15	Pass	Negligible
33	36.8	36.8	1.00	27	Pass	15	Pass	None
34	37.4	37.3	1.00	27	Pass	15	Pass	Negligible

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	32.2	4.4	0.14	27	Fail	15	Fail	Major
1	30.7	4.8	0.16	27	Fail	15	Fail	Major
2	28.8	5.9	0.20	27	Fail	15	Fail	Major
3	27.0	8.3	0.31	27	Fail	15	Fail	Major
4	26.9	12.7	0.47	27	Fail	15	Fail	Major
5	36.2	6.0	0.17	27	Fail	15	Fail	Major
6	36.0	6.5	0.18	27	Fail	15	Fail	Major
7	35.8	7.4	0.21	27	Fail	15	Fail	Major
8	35.6	10.0	0.28	27	Fail	15	Fail	Major
9	35.2	15.1	0.43	27	Fail	15	Pass	Major
10	37.3	7.6	0.20	27	Fail	15	Fail	Major
11	37.4	8.2	0.22	27	Fail	15	Fail	Major
12	37.3	9.5	0.26	27	Fail	15	Fail	Major
13	37.0	12.1	0.33	27	Fail	15	Fail	Major
14	36.7	17.3	0.47	27	Fail	15	Pass	Major
15	38.3	10.6	0.28	27	Fail	15	Fail	Major
16	38.1	11.0	0.29	27	Fail	15	Fail	Major
17	38.2	12.1	0.32	27	Fail	15	Fail	Major
18	38.0	14.8	0.39	27	Fail	15	Fail	Major
19	38.0	19.8	0.52	27	Fail	15	Pass	Major
20	38.9	15.9	0.41	27	Fail	15	Pass	Major
21	38.8	16.0	0.41	27	Fail	15	Pass	Major
22	38.8	17.0	0.44	27	Fail	15	Pass	Major
23	38.8	19.5	0.50	27	Fail	15	Pass	Major
24	38.7	23.6	0.61	27	Fail	15	Pass	Moderate
25	39.2	24.6	0.63	27	Fail	15	Pass	Moderate
26	39.1	24.7	0.63	27	Fail	15	Pass	Moderate
27	39.3	25.3	0.64	27	Fail	15	Pass	Moderate
28	39.2	26.9	0.69	27	Fail	15	Pass	Moderate
29	39.3	29.6	0.76	27	Pass	15	Pass	Minor
30	39.5	36.3	0.92	27	Pass	15	Pass	Negligible
31	39.5	36.3	0.92	27	Pass	15	Pass	Negligible
32	39.4	36.5	0.93	27	Pass	15	Pass	Negligible
33	39.4	36.7	0.93	27	Pass	15	Pass	Negligible
34	39.4	37.4	0.95	27	Pass	15	Pass	Negligible

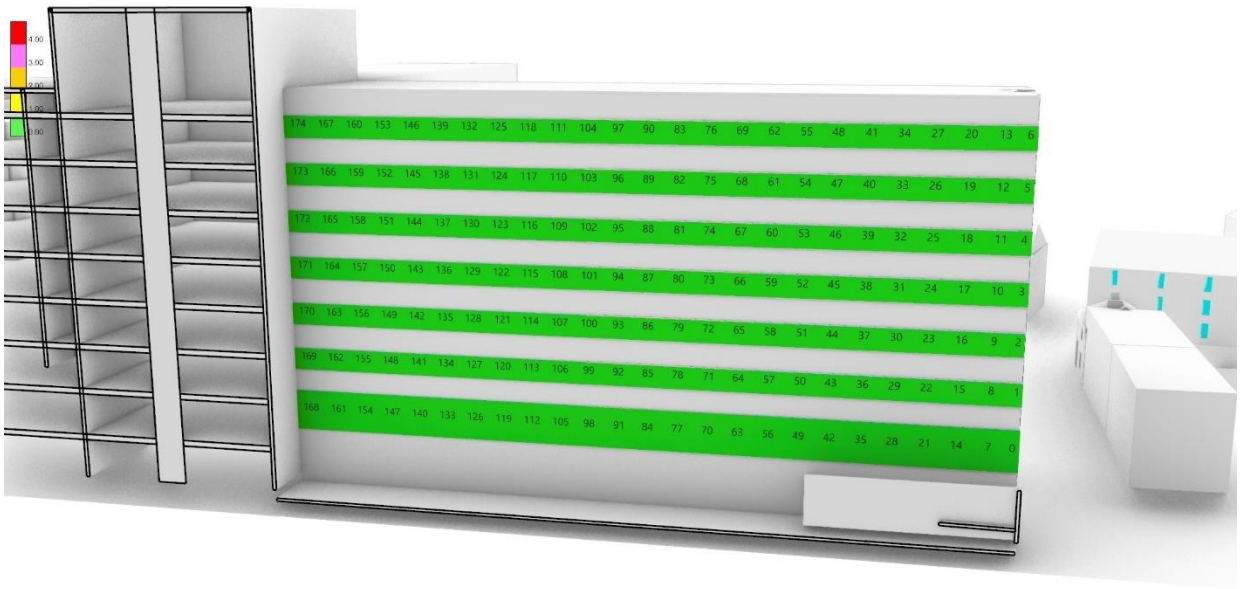
6.1.17 2 Cumberland St

Summary

Total Windows	175		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	18.3%	81.7%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	51.4%	48.6%	0.0%	0.0%	0.0%
Test 3	70.3%	71.4%	7.4%	62.9%	8.0%	6.9%	14.9%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	16.7	14.9	0.89	27	Pass	15	Pass	Negligible
1	18.2	16.3	0.90	27	Pass	15	Pass	Negligible
2	18.5	16.9	0.91	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
3	21.0	20.0	0.95	27	Pass	15	Pass	Negligible
4	22.7	21.8	0.96	27	Pass	15	Pass	Negligible
5	25.0	24.4	0.98	27	Pass	15	Pass	Negligible
6	28.0	27.8	0.99	27	Pass	15	Pass	Negligible
7	14.7	12.9	0.88	27	Pass	15	Pass	Negligible
8	16.0	14.4	0.90	27	Pass	15	Pass	Negligible
9	17.1	15.6	0.91	27	Pass	15	Pass	Negligible
10	18.6	17.5	0.94	27	Pass	15	Pass	Negligible
11	20.0	19.4	0.97	27	Pass	15	Pass	Negligible
12	22.5	21.9	0.98	27	Pass	15	Pass	Negligible
13	25.9	25.7	0.99	27	Pass	15	Pass	Negligible
14	11.7	10.4	0.89	27	Pass	15	Pass	Negligible
15	13.0	11.5	0.89	27	Pass	15	Pass	Negligible
16	13.7	12.7	0.92	27	Pass	15	Pass	Negligible
17	15.3	14.4	0.94	27	Pass	15	Pass	Negligible
18	16.9	16.3	0.96	27	Pass	15	Pass	Negligible
19	19.6	18.8	0.96	27	Pass	15	Pass	Negligible
20	23.4	23.0	0.99	27	Pass	15	Pass	Negligible
21	9.4	8.2	0.87	27	Pass	15	Pass	Negligible
22	10.3	9.2	0.89	27	Pass	15	Pass	Negligible
23	11.3	10.3	0.91	27	Pass	15	Pass	Negligible
24	12.5	11.9	0.95	27	Pass	15	Pass	Negligible
25	14.2	13.6	0.96	27	Pass	15	Pass	Negligible
26	17.1	16.7	0.98	27	Pass	15	Pass	Negligible
27	21.4	21.1	0.99	27	Pass	15	Pass	Negligible
28	7.7	6.7	0.86	27	Pass	15	Pass	Negligible
29	8.4	7.5	0.90	27	Pass	15	Pass	Negligible
30	9.6	8.5	0.89	27	Pass	15	Pass	Negligible
31	10.8	9.8	0.91	27	Pass	15	Pass	Negligible
32	12.5	12.2	0.97	27	Pass	15	Pass	Negligible
33	15.4	15.0	0.98	27	Pass	15	Pass	Negligible
34	20.1	19.8	0.99	27	Pass	15	Pass	Negligible
35	6.7	5.6	0.84	27	Pass	15	Pass	Negligible
36	7.2	6.1	0.85	27	Pass	15	Pass	Negligible
37	8.3	7.4	0.89	27	Pass	15	Pass	Negligible
38	9.4	8.9	0.95	27	Pass	15	Pass	Negligible
39	11.1	10.6	0.95	27	Pass	15	Pass	Negligible
40	14.2	13.8	0.97	27	Pass	15	Pass	Negligible
41	19.1	18.9	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
42	5.5	4.6	0.83	27	Pass	15	Pass	Negligible
43	6.3	5.4	0.85	27	Pass	15	Pass	Negligible
44	7.1	6.5	0.92	27	Pass	15	Pass	Negligible
45	8.5	7.9	0.93	27	Pass	15	Pass	Negligible
46	10.4	9.8	0.94	27	Pass	15	Pass	Negligible
47	13.3	13.3	1.00	27	Pass	15	Pass	Negligible
48	18.7	18.5	0.99	27	Pass	15	Pass	Negligible
49	4.9	4.1	0.85	27	Pass	15	Pass	Negligible
50	5.6	4.7	0.83	27	Pass	15	Pass	Negligible
51	6.5	5.7	0.88	27	Pass	15	Pass	Negligible
52	7.8	7.3	0.93	27	Pass	15	Pass	Negligible
53	9.9	9.4	0.95	27	Pass	15	Pass	Negligible
54	12.8	12.9	1.01	27	Pass	15	Pass	None
55	18.0	17.9	1.00	27	Pass	15	Pass	Negligible
56	4.3	3.7	0.85	27	Pass	15	Pass	Negligible
57	5.4	4.4	0.83	27	Pass	15	Pass	Negligible
58	6.2	5.5	0.90	27	Pass	15	Pass	Negligible
59	7.3	6.9	0.94	27	Pass	15	Pass	Negligible
60	9.3	9.2	0.99	27	Pass	15	Pass	Negligible
61	12.8	12.4	0.97	27	Pass	15	Pass	Negligible
62	18.0	17.9	0.99	27	Pass	15	Pass	Negligible
63	4.0	3.4	0.86	27	Pass	15	Pass	Negligible
64	4.9	4.0	0.81	27	Pass	15	Pass	Negligible
65	5.9	5.5	0.94	27	Pass	15	Pass	Negligible
66	7.0	6.7	0.97	27	Pass	15	Pass	Negligible
67	9.1	8.9	0.98	27	Pass	15	Pass	Negligible
68	12.4	12.3	0.99	27	Pass	15	Pass	Negligible
69	17.6	17.6	1.00	27	Pass	15	Pass	None
70	3.8	3.3	0.87	27	Pass	15	Pass	Negligible
71	4.6	4.2	0.92	27	Pass	15	Pass	Negligible
72	5.5	5.0	0.91	27	Pass	15	Pass	Negligible
73	6.9	6.5	0.94	27	Pass	15	Pass	Negligible
74	9.0	8.6	0.96	27	Pass	15	Pass	Negligible
75	12.2	12.3	1.01	27	Pass	15	Pass	None
76	17.6	17.6	1.00	27	Pass	15	Pass	Negligible
77	3.5	3.5	1.01	27	Pass	15	Pass	None
78	4.4	4.0	0.91	27	Pass	15	Pass	Negligible
79	5.3	4.9	0.93	27	Pass	15	Pass	Negligible
80	6.7	6.4	0.96	27	Pass	15	Pass	Negligible

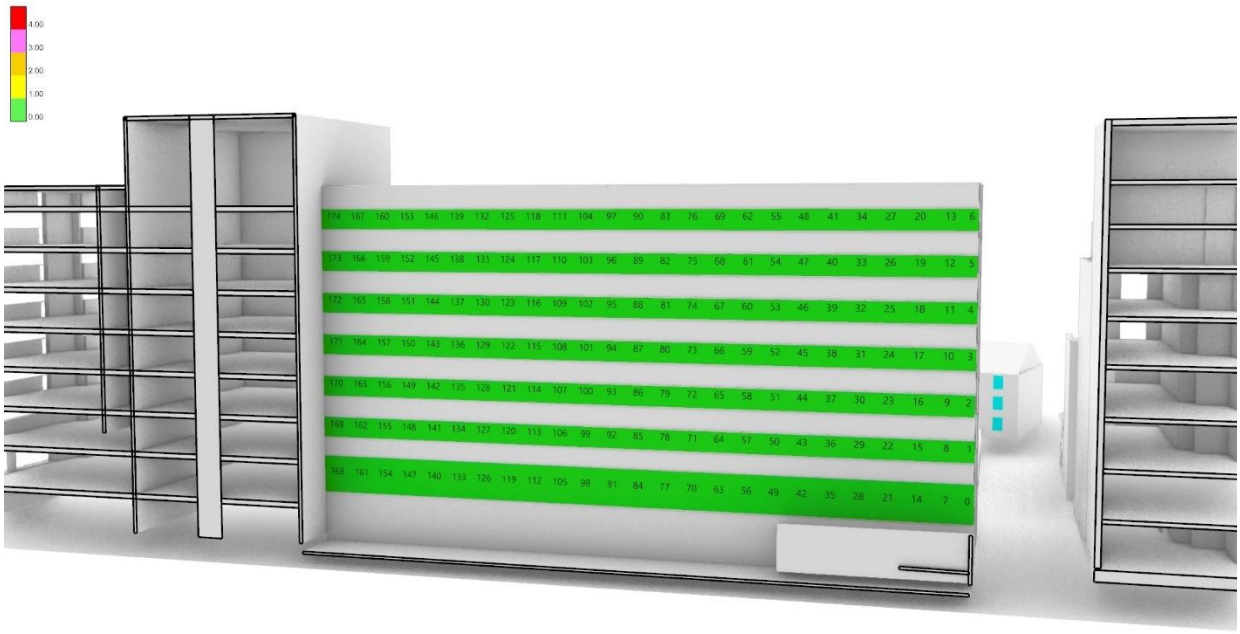
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
81	8.9	8.4	0.95	27	Pass	15	Pass	Negligible
82	12.1	12.3	1.01	27	Pass	15	Pass	None
83	17.7	17.6	1.00	27	Pass	15	Pass	Negligible
84	3.2	3.2	0.99	27	Pass	15	Pass	Negligible
85	4.1	3.9	0.94	27	Pass	15	Pass	Negligible
86	5.2	5.1	0.97	27	Pass	15	Pass	Negligible
87	6.7	6.6	0.98	27	Pass	15	Pass	Negligible
88	8.6	8.7	1.02	27	Pass	15	Pass	None
89	12.4	12.2	0.99	27	Pass	15	Pass	Negligible
90	17.6	17.6	1.00	27	Pass	15	Pass	None
91	3.4	3.3	0.95	27	Pass	15	Pass	Negligible
92	4.0	3.9	0.96	27	Pass	15	Pass	Negligible
93	5.1	4.9	0.96	27	Pass	15	Pass	Negligible
94	6.6	6.3	0.95	27	Pass	15	Pass	Negligible
95	8.8	9.0	1.02	27	Pass	15	Pass	None
96	12.3	12.3	1.00	27	Pass	15	Pass	None
97	17.7	17.7	1.00	27	Pass	15	Pass	None
98	3.4	3.0	0.90	27	Pass	15	Pass	Negligible
99	4.1	3.9	0.95	27	Pass	15	Pass	Negligible
100	5.0	4.8	0.96	27	Pass	15	Pass	Negligible
101	6.5	6.4	0.99	27	Pass	15	Pass	Negligible
102	9.0	8.8	0.98	27	Pass	15	Pass	Negligible
103	12.5	12.5	1.00	27	Pass	15	Pass	Negligible
104	17.9	17.9	1.00	27	Pass	15	Pass	None
105	3.2	2.9	0.90	27	Pass	15	Pass	Negligible
106	4.0	3.7	0.91	27	Pass	15	Pass	Negligible
107	5.1	4.7	0.92	27	Pass	15	Pass	Negligible
108	6.6	6.4	0.98	27	Pass	15	Pass	Negligible
109	8.9	8.9	0.99	27	Pass	15	Pass	Negligible
110	12.6	12.8	1.01	27	Pass	15	Pass	None
111	18.2	18.5	1.02	27	Pass	15	Pass	None
112	3.4	2.9	0.88	27	Pass	15	Pass	Negligible
113	3.8	3.7	0.99	27	Pass	15	Pass	Negligible
114	4.9	4.8	0.98	27	Pass	15	Pass	Negligible
115	6.6	6.6	0.99	27	Pass	15	Pass	Negligible
116	9.4	9.2	0.99	27	Pass	15	Pass	Negligible
117	13.0	12.9	0.99	27	Pass	15	Pass	Negligible
118	18.9	18.6	0.99	27	Pass	15	Pass	Negligible
119	3.2	3.0	0.93	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
120	3.8	3.7	0.96	27	Pass	15	Pass	Negligible
121	5.0	4.8	0.96	27	Pass	15	Pass	Negligible
122	6.7	6.5	0.97	27	Pass	15	Pass	Negligible
123	9.3	9.2	1.00	27	Pass	15	Pass	Negligible
124	13.4	13.1	0.98	27	Pass	15	Pass	Negligible
125	19.3	19.4	1.01	27	Pass	15	Pass	None
126	3.0	3.0	0.98	27	Pass	15	Pass	Negligible
127	3.9	3.7	0.94	27	Pass	15	Pass	Negligible
128	4.8	4.7	0.99	27	Pass	15	Pass	Negligible
129	6.7	6.7	1.01	27	Pass	15	Pass	None
130	9.6	9.5	0.99	27	Pass	15	Pass	Negligible
131	13.9	13.8	0.99	27	Pass	15	Pass	Negligible
132	20.3	20.4	1.01	27	Pass	15	Pass	None
133	2.9	3.0	1.01	27	Pass	15	Pass	None
134	3.7	3.6	0.97	27	Pass	15	Pass	Negligible
135	4.7	4.7	0.99	27	Pass	15	Pass	Negligible
136	6.8	6.6	0.97	27	Pass	15	Pass	Negligible
137	9.6	9.7	1.01	27	Pass	15	Pass	None
138	14.5	14.3	0.98	27	Pass	15	Pass	Negligible
139	21.2	21.5	1.01	27	Pass	15	Pass	None
140	2.9	2.8	0.95	27	Pass	15	Pass	Negligible
141	3.6	3.4	0.94	27	Pass	15	Pass	Negligible
142	4.7	4.5	0.96	27	Pass	15	Pass	Negligible
143	6.5	6.4	0.99	27	Pass	15	Pass	Negligible
144	9.9	9.6	0.97	27	Pass	15	Pass	Negligible
145	14.8	14.6	0.99	27	Pass	15	Pass	Negligible
146	22.2	22.3	1.00	27	Pass	15	Pass	None
147	2.7	2.8	1.03	27	Pass	15	Pass	None
148	3.5	3.4	0.98	27	Pass	15	Pass	Negligible
149	4.4	4.2	0.96	27	Pass	15	Pass	Negligible
150	6.4	6.3	0.98	27	Pass	15	Pass	Negligible
151	9.5	9.5	1.01	27	Pass	15	Pass	None
152	14.8	14.9	1.00	27	Pass	15	Pass	None
153	22.4	22.6	1.01	27	Pass	15	Pass	None
154	2.4	2.3	0.99	27	Pass	15	Pass	Negligible
155	3.3	3.1	0.94	27	Pass	15	Pass	Negligible
156	4.0	4.2	1.03	27	Pass	15	Pass	None
157	6.1	6.0	0.98	27	Pass	15	Pass	Negligible
158	9.1	9.0	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
159	14.2	14.2	1.00	27	Pass	15	Pass	None
160	22.0	22.0	1.00	27	Pass	15	Pass	None
161	2.3	2.2	0.96	27	Pass	15	Pass	Negligible
162	2.8	2.7	0.94	27	Pass	15	Pass	Negligible
163	3.7	3.7	0.99	27	Pass	15	Pass	Negligible
164	5.4	5.2	0.95	27	Pass	15	Pass	Negligible
165	8.2	8.2	1.00	27	Pass	15	Pass	None
166	12.8	12.8	1.00	27	Pass	15	Pass	None
167	20.0	20.0	1.00	27	Pass	15	Pass	None
168	1.8	1.7	0.92	27	Pass	15	Pass	Negligible
169	2.3	2.2	1.00	27	Pass	15	Pass	Negligible
170	3.1	3.1	1.01	27	Pass	15	Pass	None
171	4.5	4.4	0.98	27	Pass	15	Pass	Negligible
172	6.6	6.6	1.00	27	Pass	15	Pass	None
173	10.3	10.1	0.98	27	Pass	15	Pass	Negligible
174	15.7	15.6	0.99	27	Pass	15	Pass	Negligible

Test 2

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	7.0	7.2	1.03	27	Pass	15	Pass	None
1	8.4	8.3	1.00	27	Pass	15	Pass	Negligible
2	8.8	8.9	1.01	27	Pass	15	Pass	None
3	11.4	11.5	1.01	27	Pass	15	Pass	None
4	13.8	13.8	1.00	27	Pass	15	Pass	Negligible
5	17.2	17.3	1.00	27	Pass	15	Pass	None
6	22.6	22.5	1.00	27	Pass	15	Pass	Negligible
7	5.7	5.7	1.00	27	Pass	15	Pass	None
8	7.0	6.9	0.99	27	Pass	15	Pass	Negligible
9	8.2	8.0	0.98	27	Pass	15	Pass	Negligible
10	9.8	10.1	1.02	27	Pass	15	Pass	None
11	12.4	12.3	1.00	27	Pass	15	Pass	Negligible
12	16.1	16.1	1.00	27	Pass	15	Pass	Negligible
13	21.3	21.3	1.00	27	Pass	15	Pass	Negligible
14	3.9	3.9	1.00	27	Pass	15	Pass	None
15	5.0	4.8	0.97	27	Pass	15	Pass	Negligible
16	6.3	6.1	0.97	27	Pass	15	Pass	Negligible
17	8.0	8.1	1.01	27	Pass	15	Pass	None
18	10.5	10.4	0.99	27	Pass	15	Pass	Negligible
19	14.3	14.1	0.99	27	Pass	15	Pass	Negligible
20	19.9	20.0	1.00	27	Pass	15	Pass	None
21	3.0	3.0	1.00	27	Pass	15	Pass	None
22	4.2	3.9	0.93	27	Pass	15	Pass	Negligible
23	5.2	5.1	0.98	27	Pass	15	Pass	Negligible
24	7.0	6.9	0.99	27	Pass	15	Pass	Negligible
25	9.2	9.5	1.03	27	Pass	15	Pass	None
26	13.1	13.3	1.01	27	Pass	15	Pass	None
27	18.6	18.6	1.00	27	Pass	15	Pass	Negligible
28	2.8	2.7	0.99	27	Pass	15	Pass	Negligible
29	3.7	3.7	1.02	27	Pass	15	Pass	None
30	4.8	4.8	0.99	27	Pass	15	Pass	Negligible
31	6.6	6.5	0.99	27	Pass	15	Pass	Negligible
32	8.8	8.9	1.02	27	Pass	15	Pass	None
33	12.4	12.6	1.01	27	Pass	15	Pass	None
34	18.0	18.1	1.00	27	Pass	15	Pass	None
35	2.6	2.7	1.05	27	Pass	15	Pass	None
36	3.4	3.6	1.03	27	Pass	15	Pass	None

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
37	4.3	4.7	1.08	27	Pass	15	Pass	None
38	6.2	6.2	1.01	27	Pass	15	Pass	None
39	8.8	8.4	0.96	27	Pass	15	Pass	Negligible
40	12.1	12.1	1.00	27	Pass	15	Pass	Negligible
41	17.6	17.8	1.01	27	Pass	15	Pass	None
42	2.6	2.7	1.07	27	Pass	15	Pass	None
43	3.5	3.5	0.99	27	Pass	15	Pass	Negligible
44	4.5	4.5	1.00	27	Pass	15	Pass	None
45	6.2	6.2	1.00	27	Pass	15	Pass	Negligible
46	8.3	8.5	1.03	27	Pass	15	Pass	None
47	11.9	12.1	1.01	27	Pass	15	Pass	None
48	17.7	17.4	0.99	27	Pass	15	Pass	Negligible
49	2.7	2.7	1.02	27	Pass	15	Pass	None
50	3.5	3.7	1.03	27	Pass	15	Pass	None
51	4.6	4.6	1.00	27	Pass	15	Pass	None
52	6.1	5.9	0.97	27	Pass	15	Pass	Negligible
53	8.3	8.4	1.02	27	Pass	15	Pass	None
54	11.8	11.9	1.00	27	Pass	15	Pass	None
55	17.5	17.4	0.99	27	Pass	15	Pass	Negligible
56	2.7	2.8	1.04	27	Pass	15	Pass	None
57	3.5	3.5	0.99	27	Pass	15	Pass	Negligible
58	4.5	4.5	1.02	27	Pass	15	Pass	None
59	5.8	5.9	1.02	27	Pass	15	Pass	None
60	8.2	8.4	1.02	27	Pass	15	Pass	None
61	11.9	11.9	1.00	27	Pass	15	Pass	Negligible
62	17.3	17.2	0.99	27	Pass	15	Pass	Negligible
63	2.7	2.6	0.96	27	Pass	15	Pass	Negligible
64	3.5	3.5	1.00	27	Pass	15	Pass	None
65	4.3	4.5	1.04	27	Pass	15	Pass	None
66	6.0	6.1	1.01	27	Pass	15	Pass	None
67	8.4	8.3	0.98	27	Pass	15	Pass	Negligible
68	12.1	11.8	0.98	27	Pass	15	Pass	Negligible
69	17.5	17.1	0.98	27	Pass	15	Pass	Negligible
70	2.7	2.7	1.03	27	Pass	15	Pass	None
71	3.5	3.4	0.96	27	Pass	15	Pass	Negligible
72	4.3	4.6	1.06	27	Pass	15	Pass	None
73	6.1	6.0	0.98	27	Pass	15	Pass	Negligible
74	8.3	8.4	1.01	27	Pass	15	Pass	None
75	11.8	11.9	1.01	27	Pass	15	Pass	None

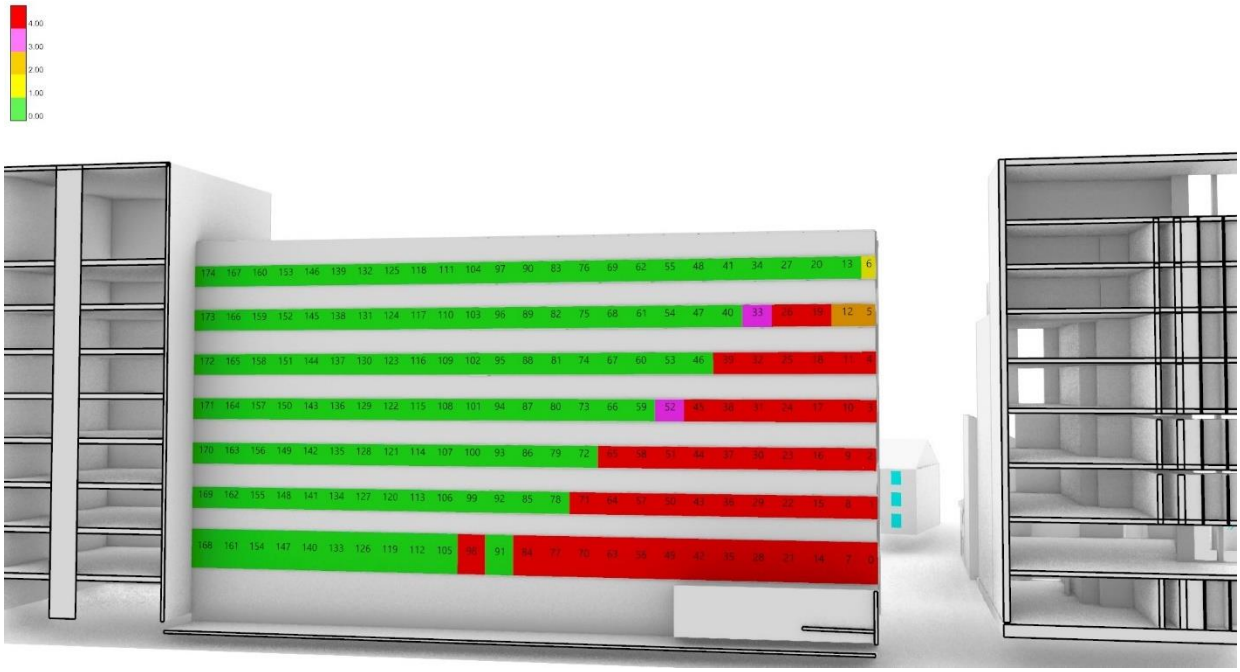
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
76	17.4	17.5	1.00	27	Pass	15	Pass	None
77	2.9	2.9	0.99	27	Pass	15	Pass	Negligible
78	3.5	3.3	0.95	27	Pass	15	Pass	Negligible
79	4.3	4.6	1.06	27	Pass	15	Pass	None
80	6.1	5.9	0.96	27	Pass	15	Pass	Negligible
81	8.5	8.5	1.01	27	Pass	15	Pass	None
82	12.1	11.8	0.98	27	Pass	15	Pass	Negligible
83	17.4	17.4	1.00	27	Pass	15	Pass	Negligible
84	2.9	2.9	1.00	27	Pass	15	Pass	Negligible
85	3.5	3.7	1.04	27	Pass	15	Pass	None
86	4.5	4.5	0.99	27	Pass	15	Pass	Negligible
87	6.1	6.2	1.00	27	Pass	15	Pass	None
88	8.5	8.4	0.99	27	Pass	15	Pass	Negligible
89	12.0	12.1	1.01	27	Pass	15	Pass	None
90	17.5	17.6	1.01	27	Pass	15	Pass	None
91	2.7	2.7	1.00	27	Pass	15	Pass	Negligible
92	3.4	3.5	1.03	27	Pass	15	Pass	None
93	4.6	4.6	1.00	27	Pass	15	Pass	Negligible
94	6.0	6.2	1.03	27	Pass	15	Pass	None
95	8.5	8.6	1.01	27	Pass	15	Pass	None
96	12.2	12.1	0.99	27	Pass	15	Pass	Negligible
97	17.7	17.6	1.00	27	Pass	15	Pass	Negligible
98	2.8	2.7	0.96	27	Pass	15	Pass	Negligible
99	3.6	3.6	1.00	27	Pass	15	Pass	Negligible
100	4.9	4.7	0.96	27	Pass	15	Pass	Negligible
101	6.3	6.1	0.97	27	Pass	15	Pass	Negligible
102	8.6	8.8	1.01	27	Pass	15	Pass	None
103	12.2	12.1	0.99	27	Pass	15	Pass	Negligible
104	17.9	17.8	1.00	27	Pass	15	Pass	Negligible
105	2.9	2.8	0.96	27	Pass	15	Pass	Negligible
106	3.5	3.6	1.01	27	Pass	15	Pass	None
107	4.7	4.7	1.01	27	Pass	15	Pass	None
108	6.4	6.1	0.96	27	Pass	15	Pass	Negligible
109	8.9	8.9	1.01	27	Pass	15	Pass	None
110	12.5	12.5	0.99	27	Pass	15	Pass	Negligible
111	18.1	18.2	1.00	27	Pass	15	Pass	None
112	3.0	2.8	0.92	27	Pass	15	Pass	Negligible
113	3.4	3.7	1.07	27	Pass	15	Pass	None
114	4.7	4.6	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
115	6.4	6.3	0.99	27	Pass	15	Pass	Negligible
116	8.9	9.0	1.01	27	Pass	15	Pass	None
117	13.0	12.7	0.98	27	Pass	15	Pass	Negligible
118	18.7	18.7	1.00	27	Pass	15	Pass	None
119	2.7	2.7	1.01	27	Pass	15	Pass	None
120	3.6	3.6	1.00	27	Pass	15	Pass	None
121	4.7	4.8	1.02	27	Pass	15	Pass	None
122	6.6	6.5	0.99	27	Pass	15	Pass	Negligible
123	8.9	9.2	1.03	27	Pass	15	Pass	None
124	13.4	13.3	1.00	27	Pass	15	Pass	Negligible
125	19.2	19.2	1.00	27	Pass	15	Pass	None
126	2.7	2.8	1.04	27	Pass	15	Pass	None
127	3.6	3.4	0.94	27	Pass	15	Pass	Negligible
128	4.8	4.8	0.99	27	Pass	15	Pass	Negligible
129	6.5	6.6	1.02	27	Pass	15	Pass	None
130	9.3	9.2	0.98	27	Pass	15	Pass	Negligible
131	13.8	13.6	0.99	27	Pass	15	Pass	Negligible
132	20.4	20.3	1.00	27	Pass	15	Pass	Negligible
133	2.7	2.7	1.01	27	Pass	15	Pass	None
134	3.7	3.5	0.95	27	Pass	15	Pass	Negligible
135	4.4	4.8	1.08	27	Pass	15	Pass	None
136	6.6	6.7	1.03	27	Pass	15	Pass	None
137	9.4	9.5	1.01	27	Pass	15	Pass	None
138	14.3	14.4	1.01	27	Pass	15	Pass	None
139	21.4	21.4	1.00	27	Pass	15	Pass	Negligible
140	2.5	2.8	1.10	27	Pass	15	Pass	None
141	3.2	3.4	1.08	27	Pass	15	Pass	None
142	4.7	4.6	0.98	27	Pass	15	Pass	Negligible
143	6.6	6.5	0.98	27	Pass	15	Pass	Negligible
144	9.7	9.5	0.98	27	Pass	15	Pass	Negligible
145	14.7	14.7	1.00	27	Pass	15	Pass	Negligible
146	22.3	22.3	1.00	27	Pass	15	Pass	None
147	2.6	2.5	0.99	27	Pass	15	Pass	Negligible
148	3.2	3.3	1.03	27	Pass	15	Pass	None
149	4.3	4.2	0.99	27	Pass	15	Pass	Negligible
150	6.3	6.5	1.03	27	Pass	15	Pass	None
151	9.6	9.6	1.00	27	Pass	15	Pass	None
152	14.8	14.6	0.99	27	Pass	15	Pass	Negligible
153	22.4	22.5	1.01	27	Pass	15	Pass	None

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
154	2.3	2.3	1.00	27	Pass	15	Pass	Negligible
155	3.0	2.9	0.97	27	Pass	15	Pass	Negligible
156	4.1	4.1	0.99	27	Pass	15	Pass	Negligible
157	6.1	5.9	0.98	27	Pass	15	Pass	Negligible
158	8.9	9.0	1.01	27	Pass	15	Pass	None
159	14.0	14.1	1.00	27	Pass	15	Pass	None
160	21.9	22.0	1.01	27	Pass	15	Pass	None
161	2.1	2.1	0.99	27	Pass	15	Pass	Negligible
162	2.7	2.8	1.03	27	Pass	15	Pass	None
163	3.7	3.8	1.03	27	Pass	15	Pass	None
164	5.2	5.4	1.04	27	Pass	15	Pass	None
165	7.9	8.0	1.01	27	Pass	15	Pass	None
166	12.8	12.7	0.99	27	Pass	15	Pass	Negligible
167	19.9	19.9	1.00	27	Pass	15	Pass	Negligible
168	1.7	1.8	1.10	27	Pass	15	Pass	None
169	2.3	2.4	1.03	27	Pass	15	Pass	None
170	3.2	3.1	0.98	27	Pass	15	Pass	Negligible
171	4.5	4.5	1.02	27	Pass	15	Pass	None
172	6.7	6.7	0.99	27	Pass	15	Pass	Negligible
173	10.2	10.2	1.00	27	Pass	15	Pass	None
174	15.6	15.6	1.00	27	Pass	15	Pass	None

Test 3

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	16.7	7.1	0.43	27	Fail	15	Fail	Major
1	18.2	8.2	0.45	27	Fail	15	Fail	Major
2	18.4	8.8	0.48	27	Fail	15	Fail	Major
3	21.0	11.6	0.55	27	Fail	15	Fail	Major
4	22.8	13.8	0.61	27	Fail	15	Fail	Moderate
5	25.0	17.3	0.69	27	Fail	15	Pass	Moderate
6	28.0	22.5	0.80	27	Marginal Pass	15	Pass	Negligible
7	14.5	5.9	0.41	27	Fail	15	Fail	Major
8	15.9	6.9	0.43	27	Fail	15	Fail	Major
9	17.1	8.2	0.48	27	Fail	15	Fail	Major
10	18.4	9.8	0.53	27	Fail	15	Fail	Major
11	20.3	12.4	0.61	27	Fail	15	Fail	Moderate
12	22.7	16.1	0.71	27	Fail	15	Pass	Minor
13	26.1	21.3	0.82	27	Pass	15	Pass	Negligible
14	11.8	4.2	0.35	27	Fail	15	Fail	Major

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
15	12.7	4.9	0.38	27	Fail	15	Fail	Major
16	13.8	6.0	0.43	27	Fail	15	Fail	Major
17	15.2	8.0	0.53	27	Fail	15	Fail	Major
18	16.9	10.6	0.63	27	Fail	15	Fail	Moderate
19	19.5	14.3	0.74	27	Fail	15	Fail	Minor
20	23.3	19.7	0.85	27	Pass	15	Pass	Negligible
21	9.5	3.0	0.32	27	Fail	15	Fail	Major
22	10.4	4.0	0.39	27	Fail	15	Fail	Major
23	11.3	5.1	0.46	27	Fail	15	Fail	Major
24	12.6	6.9	0.55	27	Fail	15	Fail	Major
25	14.4	9.2	0.64	27	Fail	15	Fail	Moderate
26	17.1	12.9	0.76	27	Fail	15	Fail	Minor
27	21.3	18.5	0.87	27	Pass	15	Pass	Negligible
28	7.7	2.9	0.37	27	Fail	15	Fail	Major
29	8.6	3.9	0.45	27	Fail	15	Fail	Major
30	9.6	4.7	0.49	27	Fail	15	Fail	Major
31	10.6	6.6	0.62	27	Fail	15	Fail	Moderate
32	12.7	9.0	0.70	27	Fail	15	Fail	Minor
33	15.4	12.4	0.80	27	Marginal Pass	15	Marginal Pass	Negligible
34	20.0	18.1	0.91	27	Pass	15	Pass	Negligible
35	6.5	3.0	0.46	27	Fail	15	Fail	Major
36	7.3	3.5	0.48	27	Fail	15	Fail	Major
37	8.0	4.6	0.57	27	Fail	15	Fail	Major
38	9.2	6.1	0.66	27	Fail	15	Fail	Moderate
39	11.3	8.7	0.77	27	Fail	15	Fail	Minor
40	14.3	12.1	0.85	27	Pass	15	Pass	Negligible
41	19.1	17.6	0.92	27	Pass	15	Pass	Negligible
42	5.6	2.7	0.49	27	Fail	15	Fail	Major
43	6.4	3.7	0.58	27	Fail	15	Fail	Major
44	7.2	4.4	0.61	27	Fail	15	Fail	Moderate
45	8.3	6.0	0.73	27	Fail	15	Fail	Minor
46	10.2	8.5	0.84	27	Pass	15	Pass	Negligible
47	13.8	12.0	0.87	27	Pass	15	Pass	Negligible
48	18.5	17.7	0.96	27	Pass	15	Pass	Negligible
49	4.9	2.7	0.54	27	Fail	15	Fail	Major
50	5.6	3.6	0.64	27	Fail	15	Fail	Moderate
51	6.6	4.6	0.71	27	Fail	15	Fail	Minor
52	7.8	6.2	0.80	27	Marginal Pass	15	Marginal Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
53	9.8	8.4	0.86	27	Pass	15	Pass	Negligible
54	13.1	11.9	0.91	27	Pass	15	Pass	Negligible
55	18.0	17.6	0.98	27	Pass	15	Pass	Negligible
56	4.3	2.6	0.59	27	Fail	15	Fail	Major
57	5.2	3.5	0.68	27	Fail	15	Fail	Moderate
58	6.1	4.7	0.77	27	Fail	15	Fail	Minor
59	7.2	6.0	0.83	27	Pass	15	Pass	Negligible
60	9.6	8.4	0.88	27	Pass	15	Pass	Negligible
61	12.7	11.8	0.93	27	Pass	15	Pass	Negligible
62	17.9	17.4	0.97	27	Pass	15	Pass	Negligible
63	4.0	2.6	0.66	27	Fail	15	Fail	Moderate
64	4.8	3.7	0.76	27	Fail	15	Fail	Minor
65	5.8	4.6	0.79	27	Fail	15	Fail	Minor
66	7.0	6.1	0.87	27	Pass	15	Pass	Negligible
67	9.3	8.2	0.89	27	Pass	15	Pass	Negligible
68	12.4	11.8	0.95	27	Pass	15	Pass	Negligible
69	17.8	17.4	0.98	27	Pass	15	Pass	Negligible
70	3.9	2.7	0.69	27	Fail	15	Fail	Moderate
71	4.5	3.3	0.72	27	Fail	15	Fail	Minor
72	5.4	4.5	0.83	27	Pass	15	Pass	Negligible
73	7.1	6.1	0.86	27	Pass	15	Pass	Negligible
74	9.1	8.3	0.92	27	Pass	15	Pass	Negligible
75	12.4	11.9	0.96	27	Pass	15	Pass	Negligible
76	17.6	17.3	0.98	27	Pass	15	Pass	Negligible
77	3.5	2.7	0.76	27	Fail	15	Fail	Minor
78	4.3	3.5	0.82	27	Pass	15	Pass	Negligible
79	5.4	4.6	0.84	27	Pass	15	Pass	Negligible
80	6.5	6.1	0.93	27	Pass	15	Pass	Negligible
81	9.0	8.5	0.94	27	Pass	15	Pass	Negligible
82	12.3	11.9	0.97	27	Pass	15	Pass	Negligible
83	17.7	17.6	0.99	27	Pass	15	Pass	Negligible
84	3.6	2.7	0.76	27	Fail	15	Fail	Minor
85	4.2	3.4	0.81	27	Pass	15	Pass	Negligible
86	5.2	4.6	0.88	27	Pass	15	Pass	Negligible
87	6.8	6.2	0.90	27	Pass	15	Pass	Negligible
88	8.8	8.4	0.96	27	Pass	15	Pass	Negligible
89	12.2	12.0	0.98	27	Pass	15	Pass	Negligible
90	17.6	17.5	1.00	27	Pass	15	Pass	Negligible
91	3.5	2.8	0.82	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
92	4.0	3.7	0.94	27	Pass	15	Pass	Negligible
93	5.1	4.4	0.87	27	Pass	15	Pass	Negligible
94	6.7	6.1	0.91	27	Pass	15	Pass	Negligible
95	8.8	8.7	0.98	27	Pass	15	Pass	Negligible
96	12.4	12.2	0.98	27	Pass	15	Pass	Negligible
97	17.9	17.8	0.99	27	Pass	15	Pass	Negligible
98	3.4	2.7	0.79	27	Fail	15	Fail	Minor
99	4.0	3.5	0.87	27	Pass	15	Pass	Negligible
100	4.9	4.5	0.91	27	Pass	15	Pass	Negligible
101	6.8	6.1	0.89	27	Pass	15	Pass	Negligible
102	8.7	8.5	0.98	27	Pass	15	Pass	Negligible
103	12.4	12.3	0.99	27	Pass	15	Pass	Negligible
104	17.8	17.9	1.00	27	Pass	15	Pass	None
105	3.2	2.8	0.87	27	Pass	15	Pass	Negligible
106	3.8	3.7	0.97	27	Pass	15	Pass	Negligible
107	5.0	4.6	0.92	27	Pass	15	Pass	Negligible
108	6.7	6.2	0.91	27	Pass	15	Pass	Negligible
109	9.1	8.6	0.95	27	Pass	15	Pass	Negligible
110	12.7	12.6	0.99	27	Pass	15	Pass	Negligible
111	18.3	18.1	0.99	27	Pass	15	Pass	Negligible
112	3.1	3.0	0.97	27	Pass	15	Pass	Negligible
113	3.9	3.5	0.90	27	Pass	15	Pass	Negligible
114	4.9	4.4	0.88	27	Pass	15	Pass	Negligible
115	6.7	6.4	0.96	27	Pass	15	Pass	Negligible
116	9.1	8.8	0.97	27	Pass	15	Pass	Negligible
117	13.0	12.9	0.99	27	Pass	15	Pass	Negligible
118	18.5	18.6	1.00	27	Pass	15	Pass	None
119	3.1	2.8	0.90	27	Pass	15	Pass	Negligible
120	4.0	3.6	0.89	27	Pass	15	Pass	Negligible
121	4.9	4.7	0.96	27	Pass	15	Pass	Negligible
122	6.6	6.6	0.99	27	Pass	15	Pass	Negligible
123	9.3	9.0	0.97	27	Pass	15	Pass	Negligible
124	13.1	13.2	1.01	27	Pass	15	Pass	None
125	19.5	19.4	0.99	27	Pass	15	Pass	Negligible
126	3.0	2.8	0.91	27	Pass	15	Pass	Negligible
127	3.8	3.4	0.89	27	Pass	15	Pass	Negligible
128	5.0	4.6	0.92	27	Pass	15	Pass	Negligible
129	6.6	6.6	0.99	27	Pass	15	Pass	Negligible
130	9.5	9.3	0.99	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
131	13.9	13.7	0.99	27	Pass	15	Pass	Negligible
132	20.4	20.3	1.00	27	Pass	15	Pass	Negligible
133	2.9	2.6	0.92	27	Pass	15	Pass	Negligible
134	3.6	3.7	1.01	27	Pass	15	Pass	None
135	4.7	4.7	1.00	27	Pass	15	Pass	Negligible
136	6.5	6.7	1.03	27	Pass	15	Pass	None
137	9.7	9.5	0.98	27	Pass	15	Pass	Negligible
138	14.4	14.3	0.99	27	Pass	15	Pass	Negligible
139	21.4	21.3	0.99	27	Pass	15	Pass	Negligible
140	2.7	2.7	0.97	27	Pass	15	Pass	Negligible
141	3.6	3.2	0.90	27	Pass	15	Pass	Negligible
142	4.7	4.7	0.99	27	Pass	15	Pass	Negligible
143	6.7	6.5	0.98	27	Pass	15	Pass	Negligible
144	9.9	9.6	0.98	27	Pass	15	Pass	Negligible
145	14.5	14.8	1.02	27	Pass	15	Pass	None
146	22.4	22.3	0.99	27	Pass	15	Pass	Negligible
147	2.8	2.5	0.91	27	Pass	15	Pass	Negligible
148	3.3	3.3	1.00	27	Pass	15	Pass	None
149	4.4	4.4	1.01	27	Pass	15	Pass	None
150	6.3	6.3	1.00	27	Pass	15	Pass	None
151	9.7	9.6	0.99	27	Pass	15	Pass	Negligible
152	14.8	14.7	0.99	27	Pass	15	Pass	Negligible
153	22.5	22.5	1.00	27	Pass	15	Pass	Negligible
154	2.4	2.4	0.98	27	Pass	15	Pass	Negligible
155	3.1	3.1	0.97	27	Pass	15	Pass	Negligible
156	4.1	4.1	1.00	27	Pass	15	Pass	None
157	6.0	5.7	0.95	27	Pass	15	Pass	Negligible
158	9.3	9.1	0.98	27	Pass	15	Pass	Negligible
159	14.3	14.1	0.99	27	Pass	15	Pass	Negligible
160	22.1	22.0	1.00	27	Pass	15	Pass	Negligible
161	2.1	2.1	0.96	27	Pass	15	Pass	Negligible
162	2.9	2.7	0.94	27	Pass	15	Pass	Negligible
163	3.8	3.7	0.96	27	Pass	15	Pass	Negligible
164	5.4	5.4	1.01	27	Pass	15	Pass	None
165	8.2	8.2	1.00	27	Pass	15	Pass	Negligible
166	12.8	12.6	0.98	27	Pass	15	Pass	Negligible
167	19.9	20.1	1.01	27	Pass	15	Pass	None
168	1.8	1.7	0.97	27	Pass	15	Pass	Negligible
169	2.4	2.3	0.95	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
170	3.1	3.1	0.99	27	Pass	15	Pass	Negligible
171	4.4	4.5	1.01	27	Pass	15	Pass	None
172	6.7	6.6	0.99	27	Pass	15	Pass	Negligible
173	10.3	10.2	0.99	27	Pass	15	Pass	Negligible
174	15.6	15.6	1.00	27	Pass	15	Pass	Negligible

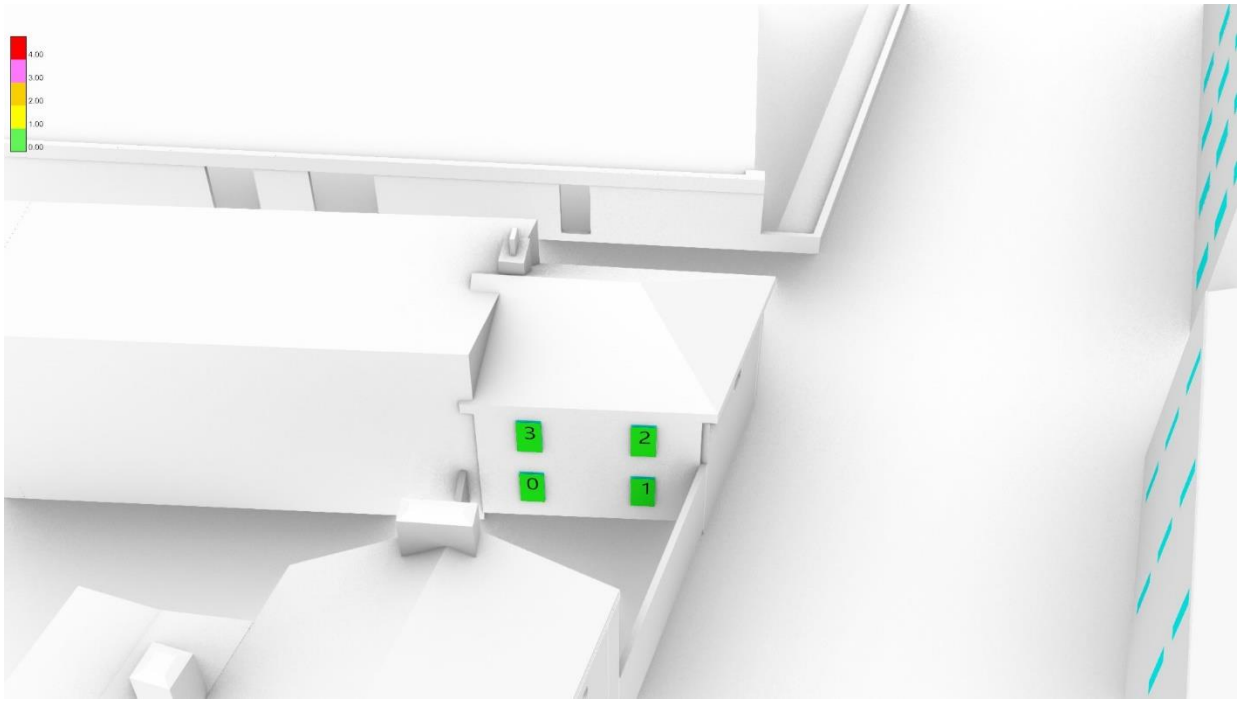
6.1.18 11 Bass Place

Summary

Total Windows	4		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 1	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 2	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Test 3	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%

Test 1

Images



Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	21.6	21.4	1.00	27	Pass	15	Pass	Negligible
1	20.5	20.2	0.99	27	Pass	15	Pass	Negligible
2	28.5	27.9	0.98	27	Pass	15	Pass	Negligible

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
3	27.1	26.5	0.98	27	Pass	15	Pass	Negligible

Test 2

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	20.8	20.2	0.97	27	Pass	15	Pass	Negligible
1	20.5	19.8	0.97	27	Pass	15	Pass	Negligible
2	28.5	27.7	0.97	27	Pass	15	Pass	Negligible
3	26.3	25.4	0.97	27	Pass	15	Pass	Negligible

Test 3

Images

Results

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification
0	21.5	20.4	0.95	27	Pass	15	Pass	Negligible
1	20.6	20.0	0.97	27	Pass	15	Pass	Negligible
2	28.4	27.4	0.97	27	Pass	15	Pass	Negligible
3	27.0	25.4	0.94	27	Pass	15	Pass	Negligible

6.2 Consented Scheme 3164/23 (GRP Consented Scheme)

6.2.1 Block 1 (62-64 Fenian St)

Summary

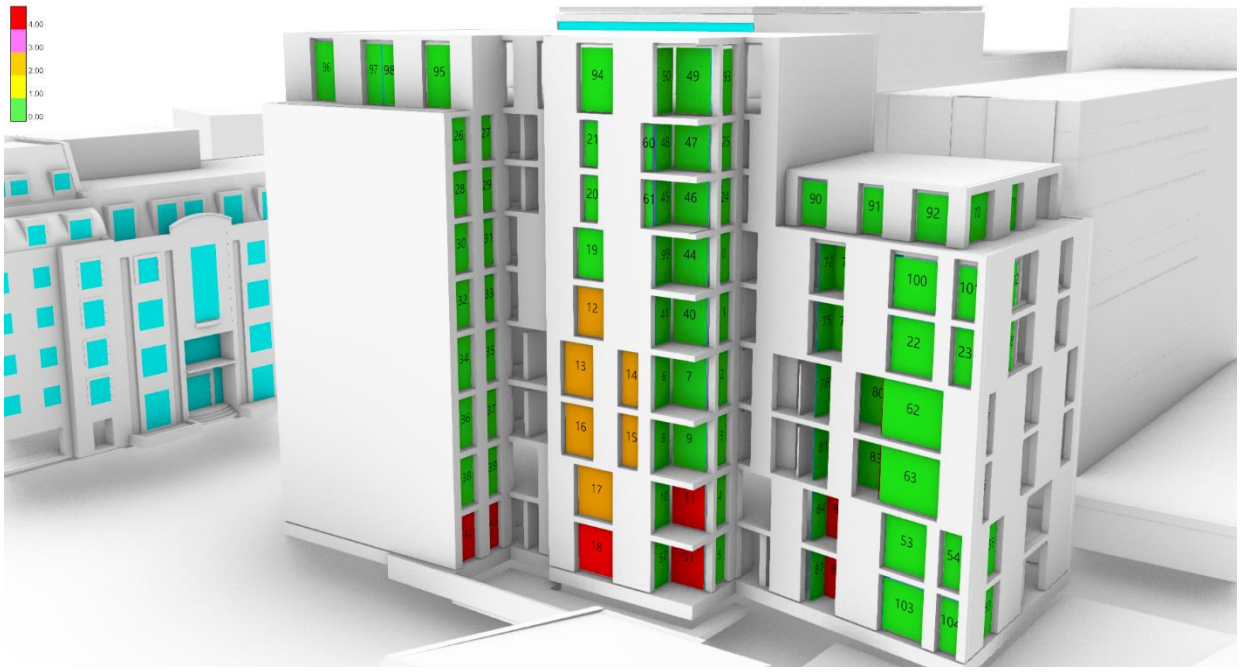
Total Windows	105		Impact Classification			
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 2	76.2%	81.9%	20.0%	56.2%	7.6%	5.7%	10.5%
Test 5	83.8%	91.4%	22.9%	61.0%	8.6%	4.8%	2.9%
Test 6	22.9%	37.1%	4.8%	17.1%	9.5%	7.6%	61.0%

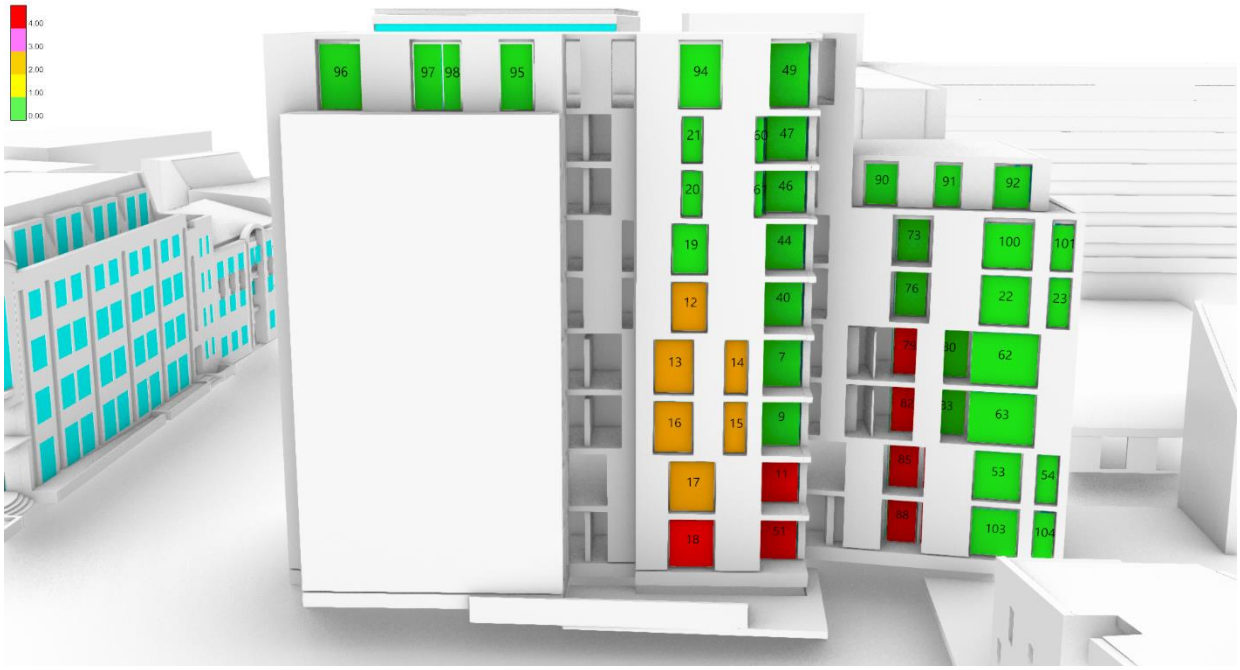
Test 2						
Floor	No. KLD Tested	No. Bedroom Tested	KLD Pass Standard Test	KLD Pass Alternative Test	Bedroom Pass Standard Test	Bedroom Pass Alternative Test
0	2	4	1	1	0	0
1	2	4	2	2	3	4
2	2	4	2	2	2	3
3	2	4	2	2	3	4
4	2	4	2	2	3	4
5	2	4	2	2	4	4
6	2	5	2	2	5	5
7	1	3	1	1	3	3
8	2	3	2	2	3	3
Total	**17**	**35**	**16**	**16**	**26**	**30**

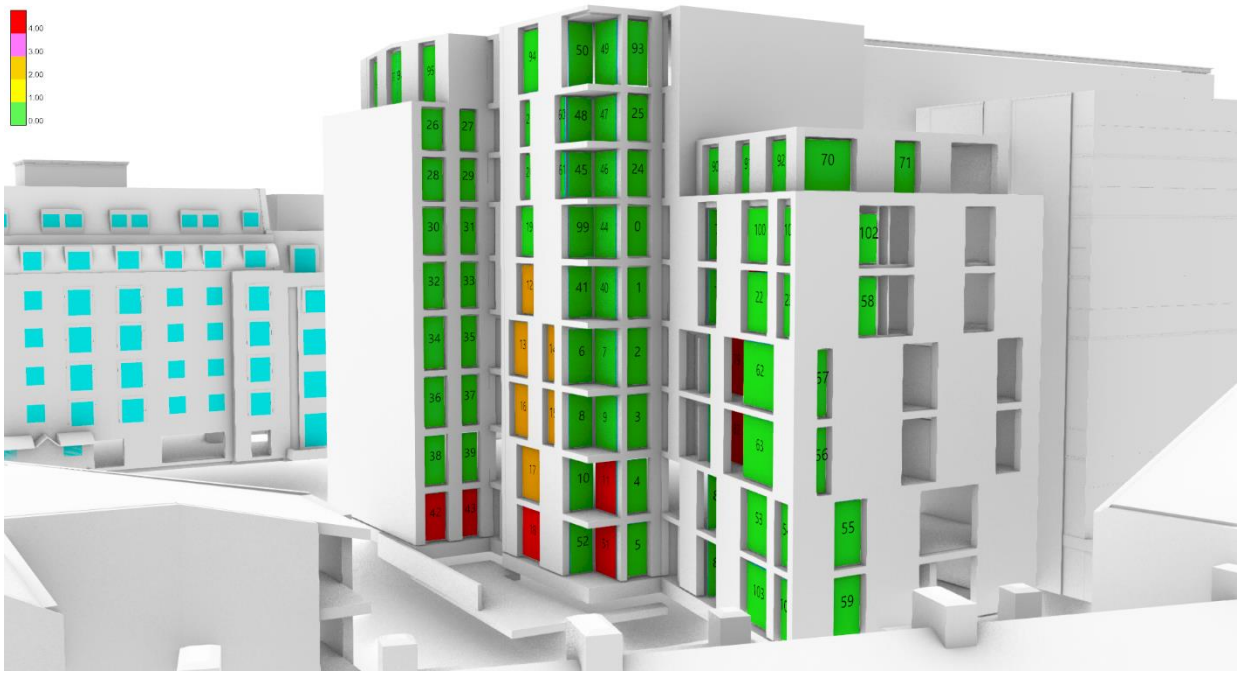
Test 6			
Room Type	Total Tested	Pass Standard Test	Pass Alternative Test
KLD	17	3	4
Bedroom	35	2	9

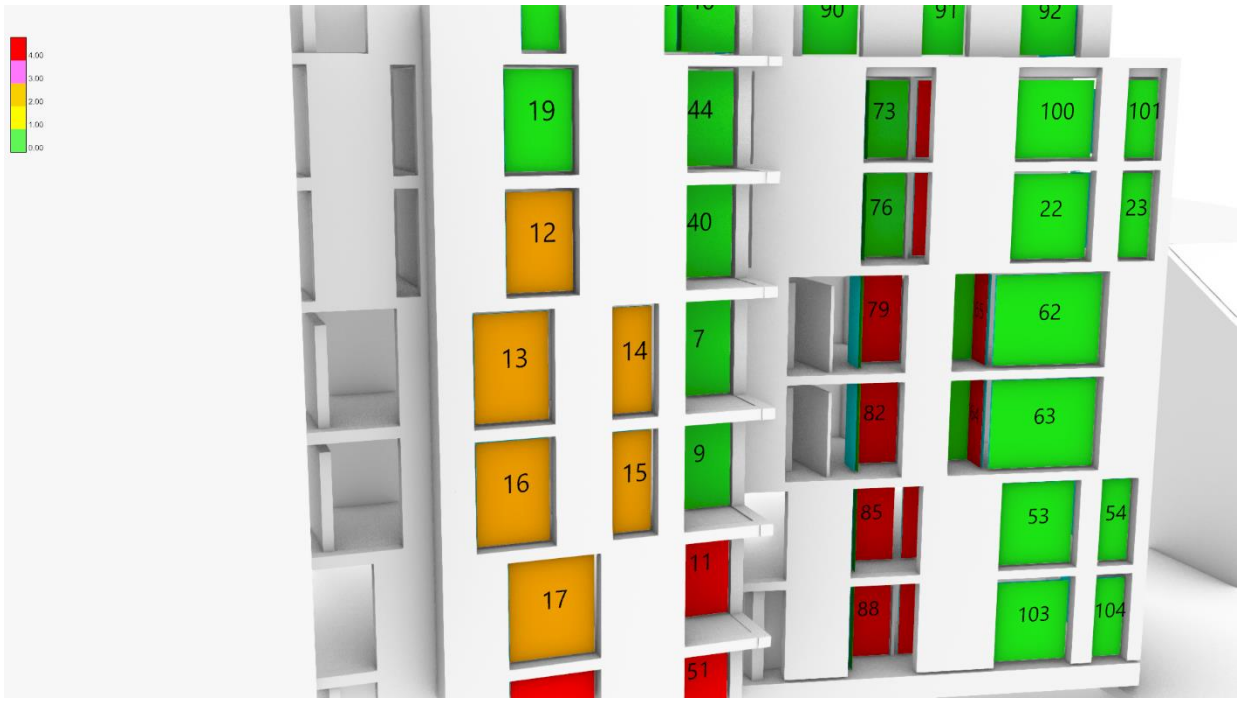
Test 2

Images





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Results

Floor	Unit	Room Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
0	2	KLD	13.4	12.1	9.3	0.77	Fail	Fail
0	4	KLD	23.4	17.5	15.0	0.86	Pass	Pass
1	6	KLD	13.3	13.4	12.0	0.90	Pass	Pass
2	6	KLD	16.5	18.4	15.6	0.85	Pass	Pass
1	8	KLD	23.8	19.7	17.3	0.88	Pass	Pass
0	4	Bedroom	7.9	9.9	7.6	0.77	Fail	Fail
1	8	Bedroom	7.8	10.3	8.2	0.80	Pass	Pass
2	8	Bedroom	8.0	9.5	7.3	0.77	Fail	Fail
3	8	Bedroom	8.1	9.9	8.0	0.81	Pass	Pass
4	8	Bedroom	7.3	11.1	10.1	0.90	Pass	Pass

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
5	0	2	KLD	3.568226	13.87	49.50	13.67	48.77
51	0	2	KLD	5.995057	12.94	77.59	7.20	43.16
52	0	2	KLD	3.828296	9.13	34.95	8.51	32.56
59	0	4	KLD	4.476278	27.02	120.96	27.10	121.33
104	0	4	KLD	2.850791	28.69	81.78	23.40	66.71
103	0	4	KLD	6.721968	29.70	199.62	24.14	162.28
66	0	4	KLD	3.264653	0.04	0.14	0.01	0.03
89	0	4	KLD	6.109658	1.20	7.33	0.05	0.33
4	1	6	KLD	3.583571	14.87	53.30	15.08	54.05
11	1	6	KLD	5.770781	14.46	83.46	11.20	64.65
10	1	6	KLD	3.913256	10.41	40.72	10.29	40.26
3	2	6	KLD	3.613915	16.11	58.24	15.97	57.73
9	2	6	KLD	5.770781	16.63	95.96	13.65	78.78
8	2	6	KLD	3.913256	11.71	45.81	11.76	46.01
15	2	6	KLD	3.192495	32.26	102.98	23.62	75.40
53	1	8	KLD	6.860567	32.00	219.55	26.47	181.59
54	1	8	KLD	2.909571	30.99	90.16	25.99	75.63
55	1	8	KLD	4.702058	31.52	148.20	32.05	150.68
67	1	8	KLD	3.232938	0.06	0.20	0.01	0.05
86	1	8	KLD	6.050306	1.80	10.91	0.47	2.84
87	0	4	Bedroom	3.264653	6.07	19.81	5.99	19.56

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
88	0	4	Bedroom	4.66227	12.51	58.31	8.72	40.65
85	1	8	Bedroom	4.616978	12.98	59.93	9.46	43.69
84	1	8	Bedroom	3.232938	6.47	20.91	6.51	21.05
82	2	8	Bedroom	4.694653	12.32	57.82	8.56	40.17
81	2	8	Bedroom	3.287328	5.58	18.34	5.56	18.29
79	3	8	Bedroom	4.772823	12.75	60.84	9.51	45.37
78	3	8	Bedroom	3.342065	5.77	19.29	5.76	19.24
75	4	8	Bedroom	3.010509	7.14	21.48	7.09	21.34
76	4	8	Bedroom	4.299325	13.95	59.99	12.13	52.17

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	20.5	20.6	1.00	27	Pass	15	Pass	None	3.30
1	18.2	18.1	1.00	27	Pass	15	Pass	Negligible	3.33
2	16.9	16.7	0.99	27	Pass	15	Pass	Negligible	3.77
3	16.1	16.0	0.99	27	Pass	15	Pass	Negligible	3.61
4	14.9	15.1	1.01	27	Pass	15	Pass	None	3.58
5	13.9	13.7	0.99	27	Pass	15	Pass	Negligible	3.57
6	12.5	12.5	0.99	27	Pass	15	Pass	Negligible	3.91
7	17.6	15.3	0.87	27	Pass	15	Pass	Negligible	5.77
8	11.7	11.8	1.00	27	Pass	15	Pass	None	3.91
9	16.6	13.7	0.82	27	Pass	15	Pass	Negligible	5.77
10	10.4	10.3	0.99	27	Pass	15	Pass	Negligible	3.91
11	14.5	11.2	0.77	27	Fail	15	Fail	Minor	5.77
12	34.4	26.4	0.77	27	Fail	15	Pass	Minor	4.68
13	33.2	23.8	0.72	27	Fail	15	Pass	Minor	5.82
14	33.5	25.8	0.77	27	Fail	15	Pass	Minor	3.27
15	32.3	23.6	0.73	27	Fail	15	Pass	Minor	3.19
16	32.1	21.9	0.68	27	Fail	15	Pass	Moderate	5.69
17	30.6	21.3	0.70	27	Fail	15	Pass	Moderate	6.80
18	27.6	12.4	0.45	27	Fail	15	Fail	Major	6.63
19	35.3	28.8	0.82	27	Pass	15	Pass	Negligible	4.65
20	34.1	29.7	0.87	27	Pass	15	Pass	Negligible	2.28
21	34.4	32.5	0.94	27	Pass	15	Pass	Negligible	2.24
22	35.6	32.6	0.92	27	Pass	15	Pass	Negligible	6.64
23	33.9	31.4	0.93	27	Pass	15	Pass	Negligible	2.80

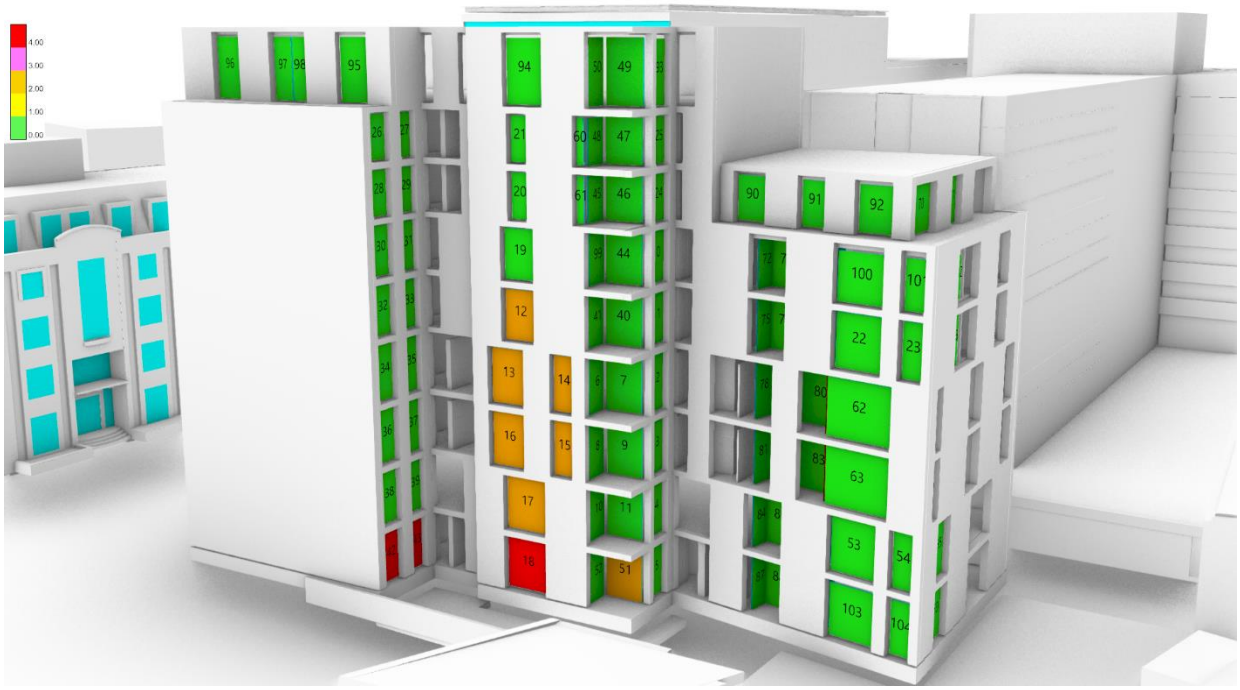
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
24	23.5	23.1	0.98	27	Pass	15	Pass	Negligible	2.98
25	24.7	24.7	1.00	27	Pass	15	Pass	Negligible	2.98
26	25.2	25.1	1.00	27	Pass	15	Pass	Negligible	3.00
27	18.6	18.7	1.01	27	Pass	15	Pass	None	2.35
28	23.2	23.3	1.01	27	Pass	15	Pass	None	3.04
29	17.8	17.7	1.00	27	Pass	15	Pass	Negligible	2.39
30	22.3	22.4	1.00	27	Pass	15	Pass	None	3.39
31	17.5	17.5	1.00	27	Pass	15	Pass	None	2.66
32	21.4	21.7	1.01	27	Pass	15	Pass	None	3.37
33	17.2	17.2	1.00	27	Pass	15	Pass	Negligible	2.64
34	21.2	21.1	0.99	27	Pass	15	Pass	Negligible	3.84
35	17.1	17.1	1.00	27	Pass	15	Pass	Negligible	3.01
36	20.3	20.4	1.01	27	Pass	15	Pass	None	3.70
37	16.6	16.7	1.01	27	Pass	15	Pass	None	2.90
38	19.5	19.3	0.99	27	Pass	15	Pass	Negligible	3.67
39	16.1	16.1	1.00	27	Pass	15	Pass	None	2.88
40	16.2	14.6	0.90	27	Pass	15	Pass	Negligible	5.40
41	11.7	11.7	1.00	27	Pass	15	Pass	Negligible	3.66
42	18.6	11.2	0.60	27	Fail	15	Fail	Moderate	3.58
43	15.3	12.1	0.79	27	Fail	15	Fail	Minor	2.81
44	16.4	15.5	0.94	27	Pass	15	Pass	Negligible	5.38
45	12.2	12.4	1.01	27	Pass	15	Pass	None	3.20
46	16.5	15.4	0.94	27	Pass	15	Pass	Negligible	4.71
47	16.9	16.4	0.97	27	Pass	15	Pass	Negligible	4.71
48	13.0	13.1	1.00	27	Pass	15	Pass	None	3.20
49	21.2	20.9	0.99	27	Pass	15	Pass	Negligible	6.67
50	17.3	17.3	1.00	27	Pass	15	Pass	Negligible	4.52
51	12.9	7.2	0.56	27	Fail	15	Fail	Major	6.00
52	9.1	8.5	0.93	27	Pass	15	Pass	Negligible	3.83
53	32.0	26.5	0.83	27	Pass	15	Pass	Negligible	6.86
54	31.0	26.0	0.84	27	Pass	15	Pass	Negligible	2.91
55	31.5	32.0	1.02	27	Pass	15	Pass	None	4.70
56	30.6	30.6	1.00	27	Pass	15	Pass	Negligible	1.86
57	31.5	31.9	1.01	27	Pass	15	Pass	None	1.91
58	36.2	36.2	1.00	27	Pass	15	Pass	Negligible	2.93
59	27.0	27.1	1.00	27	Pass	15	Pass	None	4.48
60	32.1	31.6	0.99	27	Pass	15	Pass	Negligible	0.83

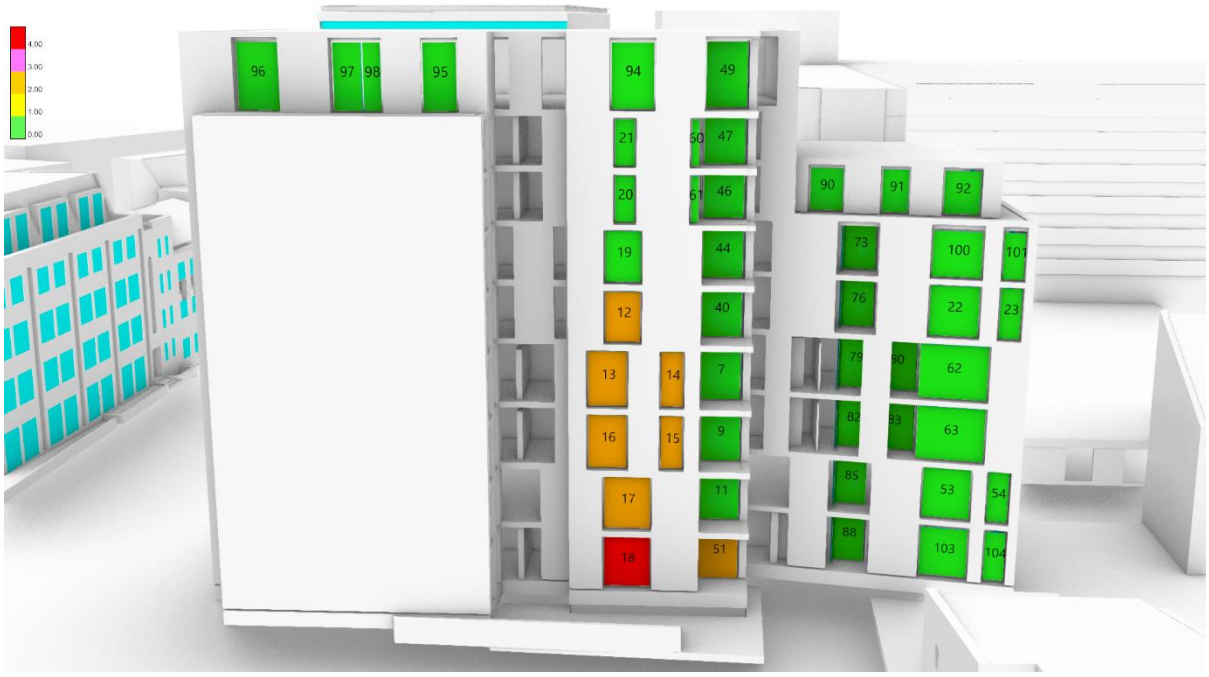
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
61	31.8	30.7	0.96	27	Pass	15	Pass	Negligible	0.84
62	34.9	30.7	0.88	27	Pass	15	Pass	Negligible	10.20
63	33.5	29.0	0.87	27	Pass	15	Pass	Negligible	10.15
64	5.4	2.9	0.54	27	Fail	15	Fail	Major	3.29
65	5.5	3.4	0.63	27	Fail	15	Fail	Moderate	3.34
66	0.0	0.0	0.19	27	Fail	15	Fail	Major	3.26
67	0.1	0.0	0.24	27	Fail	15	Fail	Major	3.23
68	0.1	0.0	0.24	27	Fail	15	Fail	Major	3.01
69	0.1	0.0	0.42	27	Fail	15	Fail	Major	2.74
70	37.2	37.3	1.00	27	Pass	15	Pass	None	6.14
71	35.9	36.1	1.00	27	Pass	15	Pass	None	3.22
72	7.7	7.6	0.99	27	Pass	15	Pass	Negligible	2.74
73	15.1	13.7	0.91	27	Pass	15	Pass	Negligible	3.92
74	1.5	0.8	0.53	27	Fail	15	Fail	Major	5.13
75	7.1	7.1	0.99	27	Pass	15	Pass	Negligible	3.01
76	14.0	12.1	0.87	27	Pass	15	Pass	Negligible	4.30
77	1.3	0.4	0.32	27	Fail	15	Fail	Major	5.63
78	5.8	5.8	1.00	27	Pass	15	Pass	Negligible	3.34
79	12.7	9.5	0.75	27	Fail	15	Fail	Minor	4.77
80	11.1	10.7	0.97	27	Pass	15	Pass	Negligible	6.25
81	5.6	5.6	1.00	27	Pass	15	Pass	Negligible	3.29
82	12.3	8.6	0.69	27	Fail	15	Fail	Moderate	4.69
83	10.7	10.3	0.96	27	Pass	15	Pass	Negligible	6.15
84	6.5	6.5	1.01	27	Pass	15	Pass	None	3.23
85	13.0	9.5	0.73	27	Fail	15	Fail	Minor	4.62
86	1.8	0.5	0.26	27	Fail	15	Fail	Major	6.05
87	6.1	6.0	0.99	27	Pass	15	Pass	Negligible	3.26
88	12.5	8.7	0.70	27	Fail	15	Fail	Moderate	4.66
89	1.2	0.1	0.05	27	Fail	15	Fail	Major	6.11
90	29.8	29.1	0.98	27	Pass	15	Pass	Negligible	3.83
91	33.8	32.4	0.96	27	Pass	15	Pass	Negligible	2.99
92	36.0	34.6	0.96	27	Pass	15	Pass	Negligible	4.05
93	27.1	27.1	1.00	27	Pass	15	Pass	Negligible	4.15
94	37.7	37.8	1.00	27	Pass	15	Pass	None	6.75
95	37.3	36.8	0.99	27	Pass	15	Pass	Negligible	5.30
96	37.9	37.8	1.00	27	Pass	15	Pass	Negligible	7.46
97	38.1	37.4	0.98	27	Pass	15	Pass	Negligible	4.77

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
98	36.5	36.2	0.99	27	Pass	15	Pass	Negligible	2.74
99	12.3	12.3	1.00	27	Pass	15	Pass	None	3.77
100	36.3	34.1	0.94	27	Pass	15	Pass	Negligible	5.96
101	34.5	32.7	0.95	27	Pass	15	Pass	Negligible	2.51
102	36.5	36.5	1.00	27	Pass	15	Pass	Negligible	2.46
103	29.7	24.1	0.81	27	Pass	15	Pass	Negligible	6.72
104	28.7	23.4	0.82	27	Pass	15	Pass	Negligible	2.85

Test 5

Images

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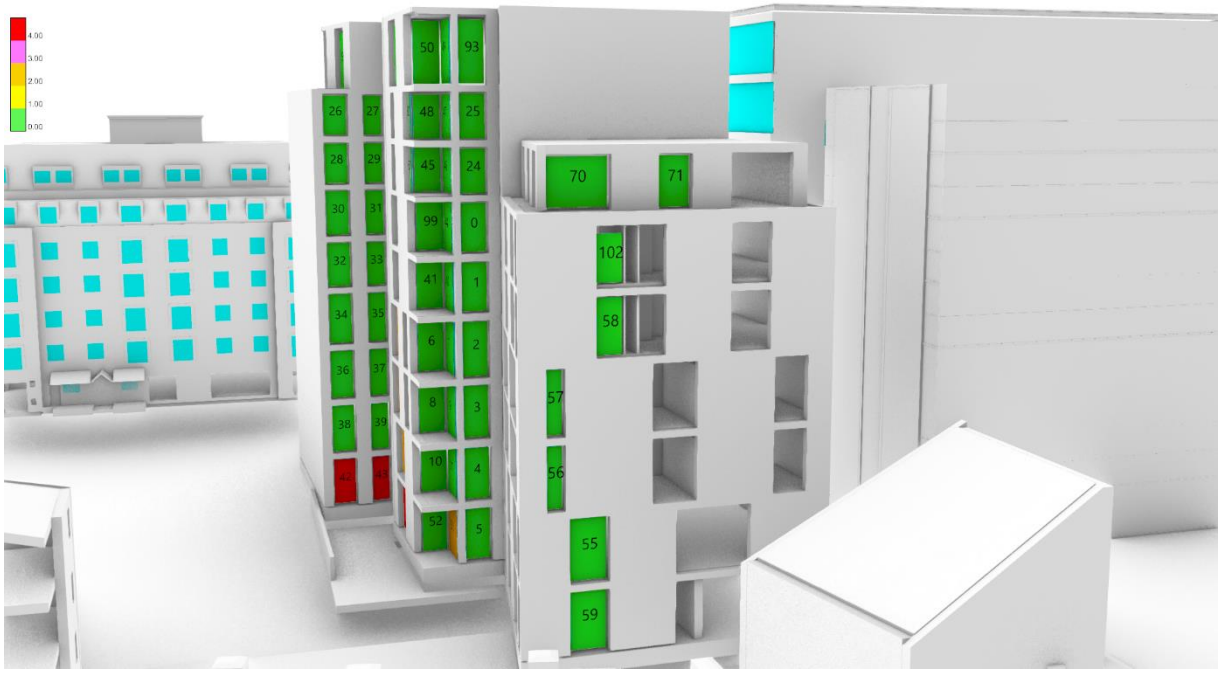
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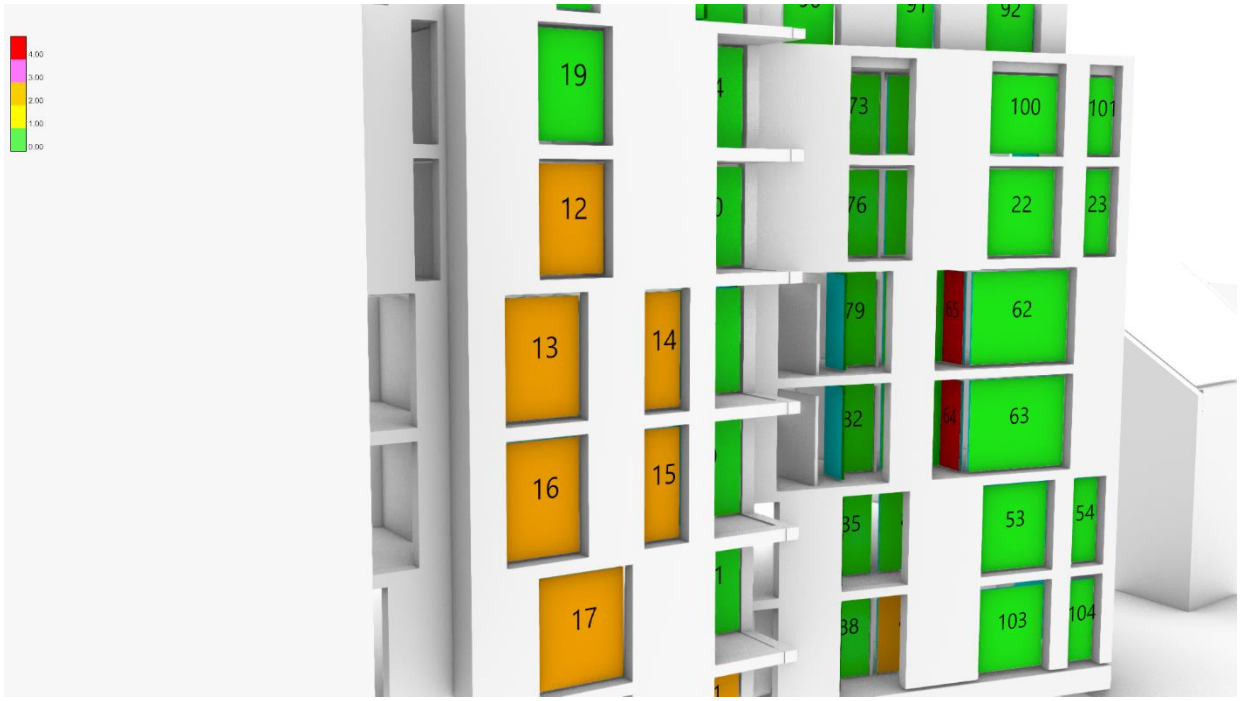
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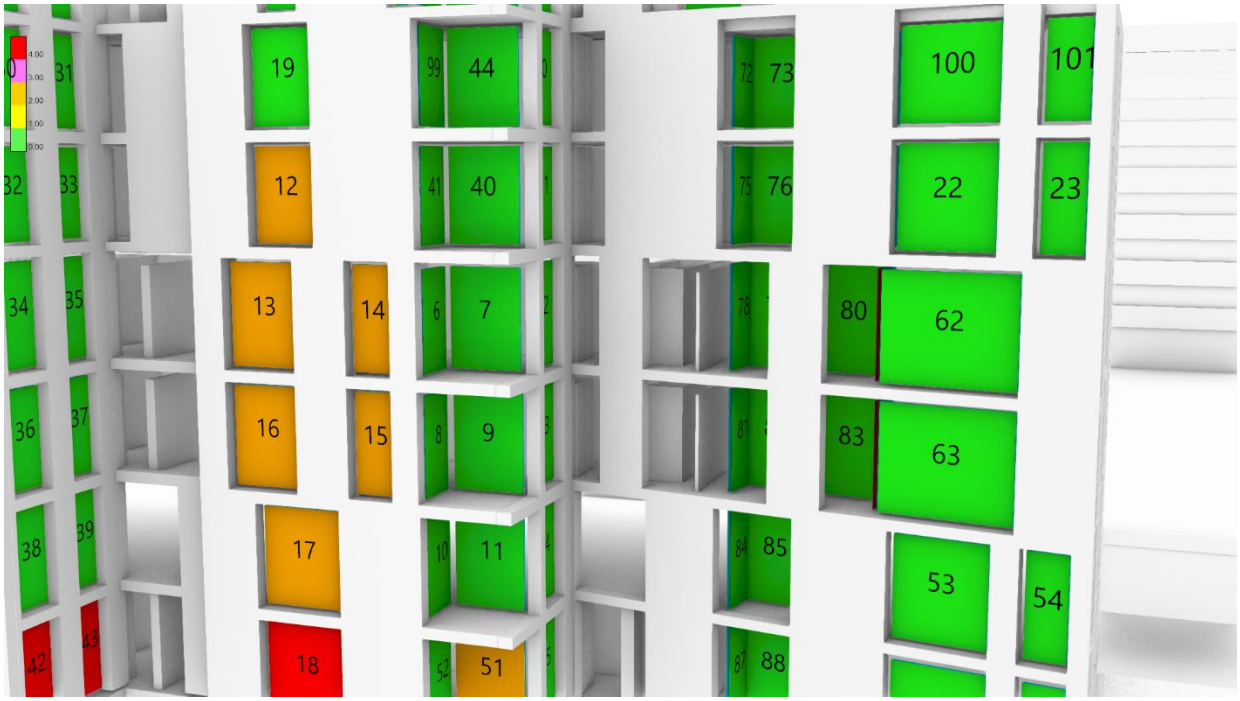
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Results

Floor	Unit	Room Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
0	2	KLD	13.4	21.0	18.2	0.86	Pass	Pass
0	4	KLD	23.4	26.2	21.9	0.83	Pass	Pass
1	6	KLD	13.3	22.6	21.0	0.93	Pass	Pass
2	6	KLD	16.5	25.3	22.5	0.89	Pass	Pass
1	8	KLD	23.8	28.7	24.7	0.86	Pass	Pass
0	4	Bedroom	7.9	23.1	20.1	0.87	Pass	Pass
1	8	Bedroom	7.8	24.5	21.6	0.88	Pass	Pass
2	8	Bedroom	8.0	25.3	23.0	0.91	Pass	Pass
3	8	Bedroom	8.1	25.9	24.0	0.92	Pass	Pass
4	8	Bedroom	7.3	25.7	24.0	0.93	Pass	Pass

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
5	0	2	KLD	3.57	15.36	54.79	15.37	54.85
51	0	2	KLD	6.00	25.03	150.08	19.23	115.29
52	0	2	KLD	3.83	20.01	76.60	19.12	73.18
59	0	4	KLD	4.48	26.97	120.72	27.16	121.56
104	0	4	KLD	2.85	30.98	88.31	25.68	73.22
103	0	4	KLD	6.72	30.78	206.91	25.22	169.50
66	0	4	KLD	3.26	9.34	30.51	4.88	15.92
89	0	4	KLD	6.11	27.56	168.40	21.68	132.44
4	1	6	KLD	3.58	16.57	59.38	16.28	58.34
11	1	6	KLD	5.77	26.98	155.68	23.58	136.10
10	1	6	KLD	3.91	21.52	84.22	21.59	84.51
3	2	6	KLD	3.61	17.25	62.34	17.38	62.80
9	2	6	KLD	5.77	28.30	163.30	25.27	145.82
8	2	6	KLD	3.91	22.49	87.99	22.42	87.72
15	2	6	KLD	3.19	32.23	102.90	23.64	75.47
53	1	8	KLD	6.86	33.12	227.20	28.01	192.13
54	1	8	KLD	2.91	33.66	97.93	28.83	83.88
55	1	8	KLD	4.70	31.57	148.46	31.63	148.72
67	1	8	KLD	3.23	10.05	32.48	5.67	18.33
86	1	8	KLD	6.05	29.08	175.93	23.68	143.26
87	0	4	Bedroom	3.26	16.34	53.34	16.16	52.74
88	0	4	Bedroom	4.66	27.78	129.49	22.78	106.20

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
85	1	8	Bedroom	4.62	29.42	135.83	24.54	113.28
84	1	8	Bedroom	3.23	17.41	56.30	17.36	56.12
82	2	8	Bedroom	4.69	30.43	142.87	26.42	124.01
81	2	8	Bedroom	3.29	17.98	59.09	18.01	59.20
79	3	8	Bedroom	4.77	31.43	150.00	28.14	134.30
78	3	8	Bedroom	3.34	18.08	60.44	17.97	60.05
75	4	8	Bedroom	3.01	17.49	52.64	17.26	51.95
76	4	8	Bedroom	4.30	31.40	135.02	28.66	123.21

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	21.4	21.4	1.00	27	Pass	15	Pass	None	3.30
1	19.2	19.2	1.00	27	Pass	15	Pass	None	3.33
2	18.1	18.1	1.00	27	Pass	15	Pass	Negligible	3.77
3	17.2	17.4	1.01	27	Pass	15	Pass	None	3.61
4	16.6	16.3	0.98	27	Pass	15	Pass	Negligible	3.58
5	15.4	15.4	1.00	27	Pass	15	Pass	None	3.57
6	23.5	23.5	1.00	27	Pass	15	Pass	Negligible	3.91
7	28.8	26.5	0.92	27	Pass	15	Pass	Negligible	5.77
8	22.5	22.4	1.00	27	Pass	15	Pass	Negligible	3.91
9	28.3	25.3	0.89	27	Pass	15	Pass	Negligible	5.77
10	21.5	21.6	1.00	27	Pass	15	Pass	None	3.91
11	27.0	23.6	0.87	27	Pass	15	Pass	Negligible	5.77
12	34.4	26.4	0.77	27	Fail	15	Pass	Minor	4.68
13	33.3	23.8	0.72	27	Fail	15	Pass	Minor	5.82
14	33.6	25.7	0.77	27	Fail	15	Pass	Minor	3.27
15	32.2	23.6	0.73	27	Fail	15	Pass	Minor	3.19
16	31.9	21.9	0.69	27	Fail	15	Pass	Moderate	5.69
17	30.6	21.1	0.69	27	Fail	15	Pass	Moderate	6.80
18	27.6	12.3	0.45	27	Fail	15	Fail	Major	6.63
19	35.0	28.7	0.82	27	Pass	15	Pass	Negligible	4.65
20	34.0	29.8	0.88	27	Pass	15	Pass	Negligible	2.28
21	34.2	32.7	0.95	27	Pass	15	Pass	Negligible	2.24
22	36.8	33.8	0.92	27	Pass	15	Pass	Negligible	6.64
23	37.2	34.8	0.93	27	Pass	15	Pass	Negligible	2.80
24	24.7	24.9	1.01	27	Pass	15	Pass	None	2.98
25	27.1	27.1	1.00	27	Pass	15	Pass	None	2.98
26	25.0	25.3	1.01	27	Pass	15	Pass	None	3.00

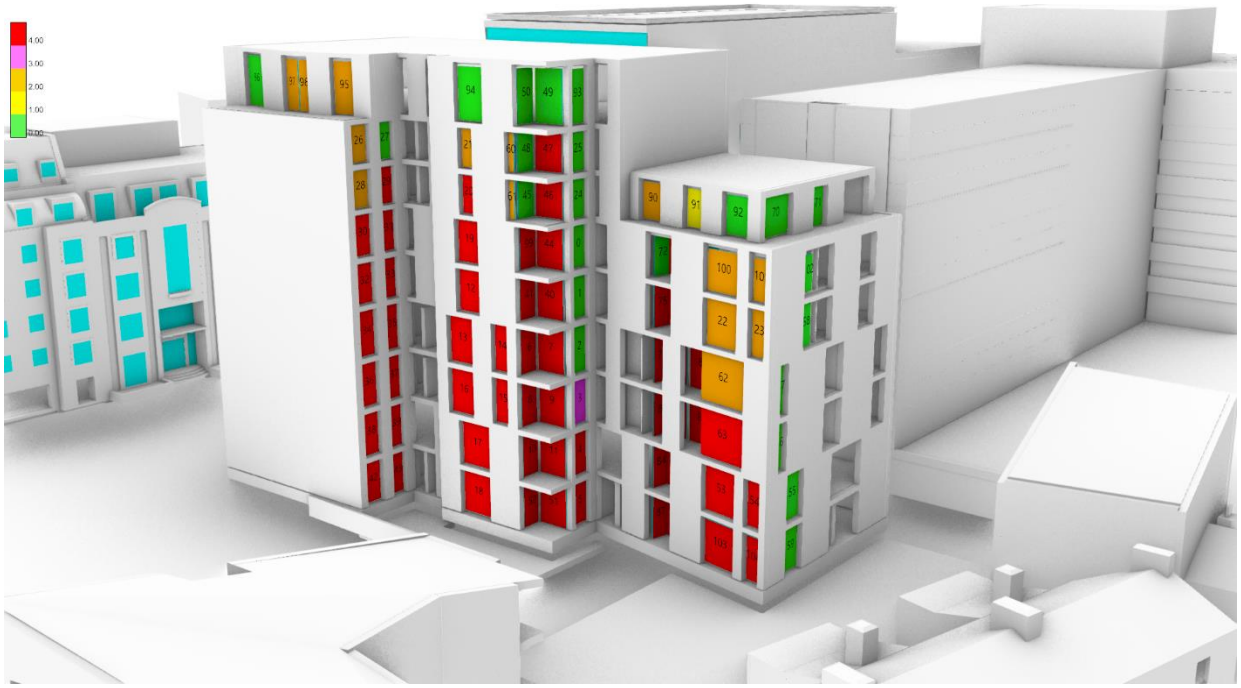
Window Reference	Floor	Unit	Room Type		Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
27	18.7	18.8	1.00	27	Pass	15	Pass	None	2.35
28	23.3	23.3	1.00	27	Pass	15	Pass	Negligible	3.04
29	18.0	17.7	0.99	27	Pass	15	Pass	Negligible	2.39
30	22.3	22.5	1.01	27	Pass	15	Pass	None	3.39
31	17.7	17.4	0.98	27	Pass	15	Pass	Negligible	2.66
32	21.7	21.9	1.01	27	Pass	15	Pass	None	3.37
33	17.3	17.1	0.99	27	Pass	15	Pass	Negligible	2.64
34	21.3	21.3	1.00	27	Pass	15	Pass	Negligible	3.84
35	17.0	17.0	1.00	27	Pass	15	Pass	None	3.01
36	20.6	20.7	1.01	27	Pass	15	Pass	None	3.70
37	16.7	16.5	0.99	27	Pass	15	Pass	Negligible	2.90
38	20.0	19.6	0.98	27	Pass	15	Pass	Negligible	3.67
39	16.0	16.1	1.01	27	Pass	15	Pass	None	2.88
40	29.2	27.7	0.95	27	Pass	15	Pass	Negligible	5.40
41	24.5	24.5	1.00	27	Pass	15	Pass	None	3.66
42	18.8	12.0	0.64	27	Fail	15	Fail	Moderate	3.58
43	15.5	11.9	0.77	27	Fail	15	Fail	Minor	2.81
44	30.3	29.3	0.97	27	Pass	15	Pass	Negligible	5.38
45	26.2	26.1	1.00	27	Pass	15	Pass	Negligible	3.20
46	31.9	30.7	0.96	27	Pass	15	Pass	Negligible	4.71
47	30.4	29.7	0.98	27	Pass	15	Pass	Negligible	4.71
48	26.0	26.0	1.00	27	Pass	15	Pass	Negligible	3.20
49	22.4	22.2	0.99	27	Pass	15	Pass	Negligible	6.67
50	18.0	17.9	1.00	27	Pass	15	Pass	Negligible	4.52
51	25.0	19.2	0.77	27	Fail	15	Pass	Minor	6.00
52	20.0	19.1	0.96	27	Pass	15	Pass	Negligible	3.83
53	33.1	28.0	0.85	27	Pass	15	Pass	Negligible	6.86
54	33.7	28.8	0.86	27	Pass	15	Pass	Negligible	2.91
55	31.6	31.6	1.00	27	Pass	15	Pass	None	4.70
56	30.4	30.3	1.00	27	Pass	15	Pass	Negligible	1.86
57	31.5	31.6	1.00	27	Pass	15	Pass	None	1.91
58	36.4	36.3	1.00	27	Pass	15	Pass	Negligible	2.93
59	27.0	27.2	1.01	27	Pass	15	Pass	None	4.48
60	32.5	31.9	0.98	27	Pass	15	Pass	Negligible	0.83
61	32.5	31.1	0.95	27	Pass	15	Pass	Negligible	0.84
62	36.0	32.0	0.89	27	Pass	15	Pass	Negligible	10.20
63	34.7	30.0	0.87	27	Pass	15	Pass	Negligible	10.15
64	10.4	6.5	0.62	27	Fail	15	Fail	Moderate	3.29

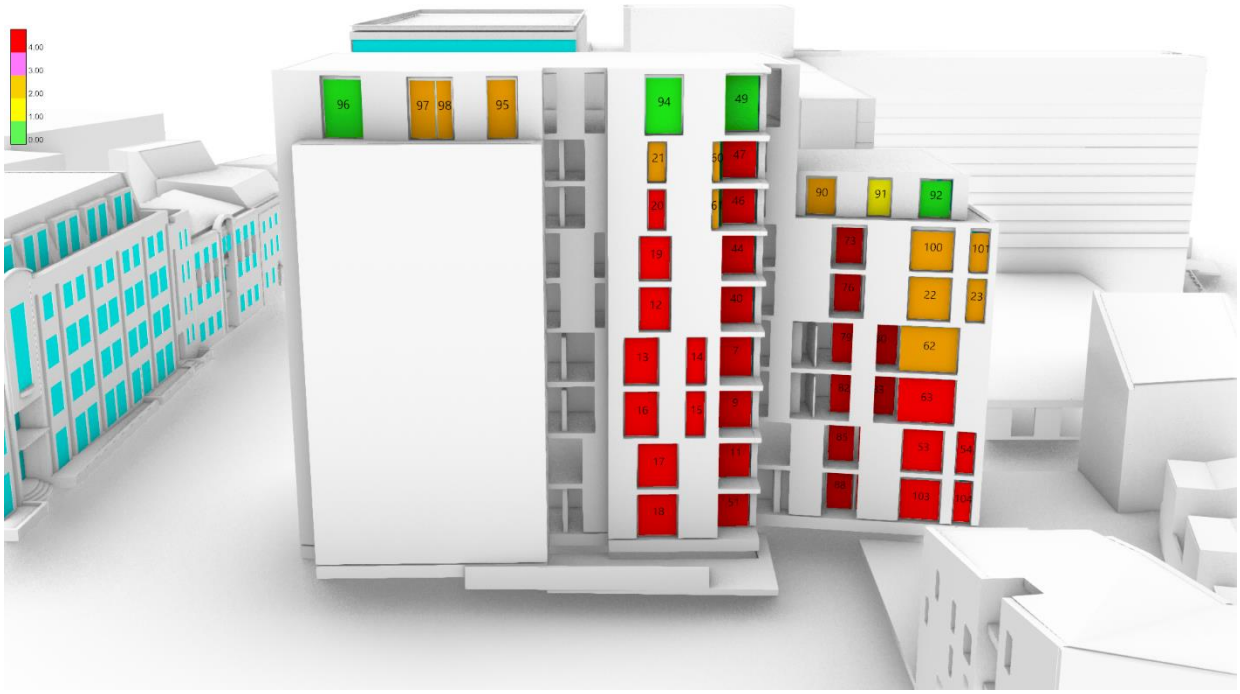
Window Reference	Floor	Unit		Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
65	10.8	7.3	0.68	27	Fail	15	Fail	Moderate	3.34
66	9.3	4.9	0.52	27	Fail	15	Fail	Major	3.26
67	10.0	5.7	0.56	27	Fail	15	Fail	Major	3.23
68	10.9	8.2	0.75	27	Fail	15	Fail	Minor	3.01
69	8.9	6.9	0.78	27	Fail	15	Fail	Minor	2.74
70	37.4	37.4	1.00	27	Pass	15	Pass	None	6.14
71	36.0	36.1	1.00	27	Pass	15	Pass	None	3.22
72	12.2	12.3	1.01	27	Pass	15	Pass	None	2.74
73	21.8	19.8	0.91	27	Pass	15	Pass	Negligible	3.92
74	21.9	19.6	0.89	27	Pass	15	Pass	Negligible	5.13
75	17.5	17.3	0.99	27	Pass	15	Pass	Negligible	3.01
76	31.4	28.7	0.91	27	Pass	15	Pass	Negligible	4.30
77	31.1	28.1	0.90	27	Pass	15	Pass	Negligible	5.63
78	18.1	18.0	0.99	27	Pass	15	Pass	Negligible	3.34
79	31.4	28.1	0.90	27	Pass	15	Pass	Negligible	4.77
80	30.9	27.4	0.89	27	Pass	15	Pass	Negligible	6.25
81	18.0	18.0	1.00	27	Pass	15	Pass	None	3.29
82	30.4	26.4	0.87	27	Pass	15	Pass	Negligible	4.69
83	30.1	25.3	0.84	27	Pass	15	Pass	Negligible	6.15
84	17.4	17.4	1.00	27	Pass	15	Pass	Negligible	3.23
85	29.4	24.5	0.83	27	Pass	15	Pass	Negligible	4.62
86	29.1	23.7	0.81	27	Pass	15	Pass	Negligible	6.05
87	16.3	16.2	0.99	27	Pass	15	Pass	Negligible	3.26
88	27.8	22.8	0.82	27	Pass	15	Pass	Negligible	4.66
89	27.6	21.7	0.79	27	Fail	15	Pass	Minor	6.11
90	31.2	30.1	0.97	27	Pass	15	Pass	Negligible	3.83
91	34.1	32.8	0.96	27	Pass	15	Pass	Negligible	2.99
92	35.9	34.6	0.97	27	Pass	15	Pass	Negligible	4.05
93	29.8	29.7	1.00	27	Pass	15	Pass	Negligible	4.15
94	37.7	37.5	1.00	27	Pass	15	Pass	Negligible	6.75
95	37.2	36.9	0.99	27	Pass	15	Pass	Negligible	5.30
96	37.8	37.9	1.00	27	Pass	15	Pass	None	7.46
97	38.0	37.7	0.99	27	Pass	15	Pass	Negligible	4.77
98	36.5	36.2	0.99	27	Pass	15	Pass	Negligible	2.74
99	25.3	25.2	1.00	27	Pass	15	Pass	Negligible	3.77
100	37.4	35.4	0.95	27	Pass	15	Pass	Negligible	5.96
101	38.0	36.2	0.95	27	Pass	15	Pass	Negligible	2.51
102	36.6	36.8	1.01	27	Pass	15	Pass	None	2.46

Window Reference	Floor	Unit		Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
103	30.8	25.2	0.82	27	Pass	15	Pass	Negligible	6.72
104	31.0	25.7	0.83	27	Pass	15	Pass	Negligible	2.85

Test 6

Images

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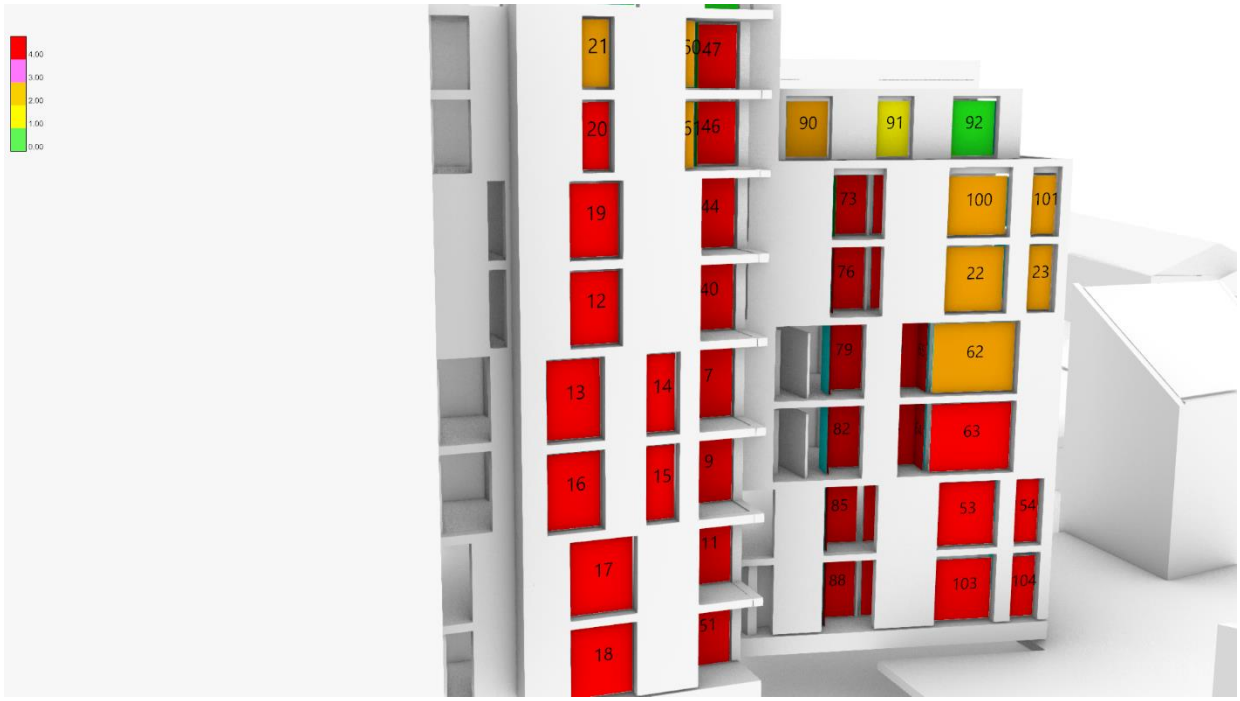
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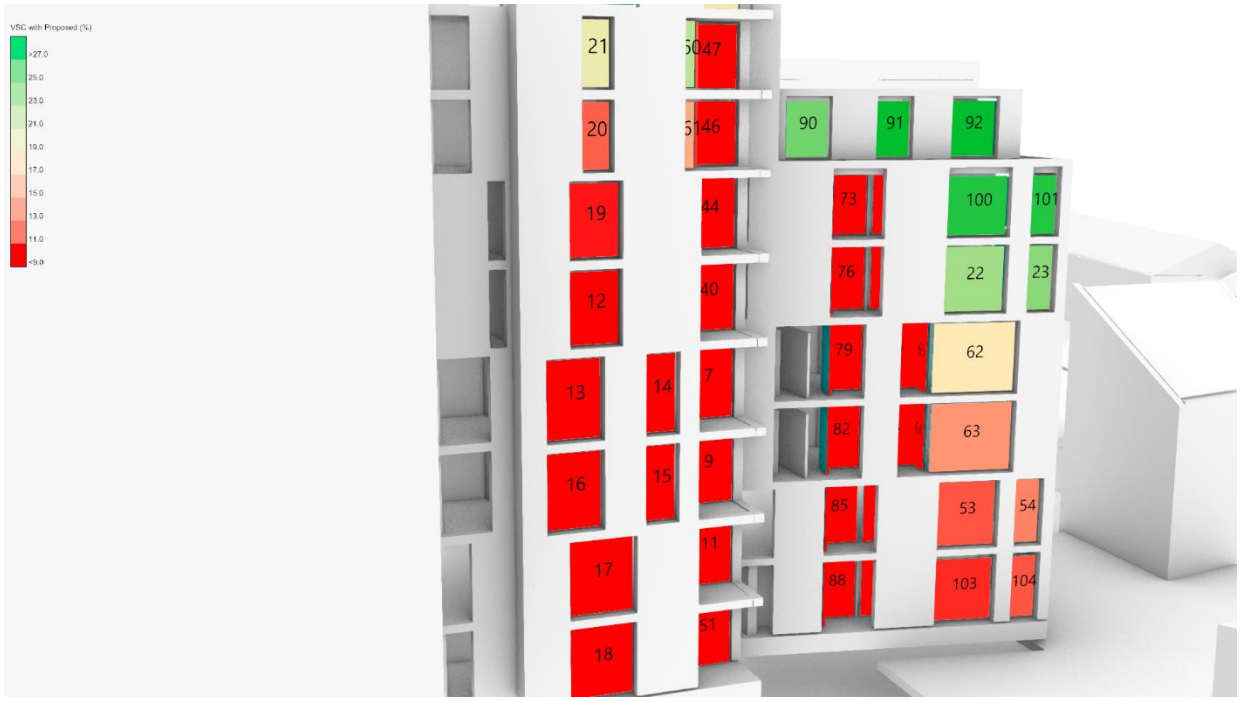
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19
12
13
16
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7
9
11
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103
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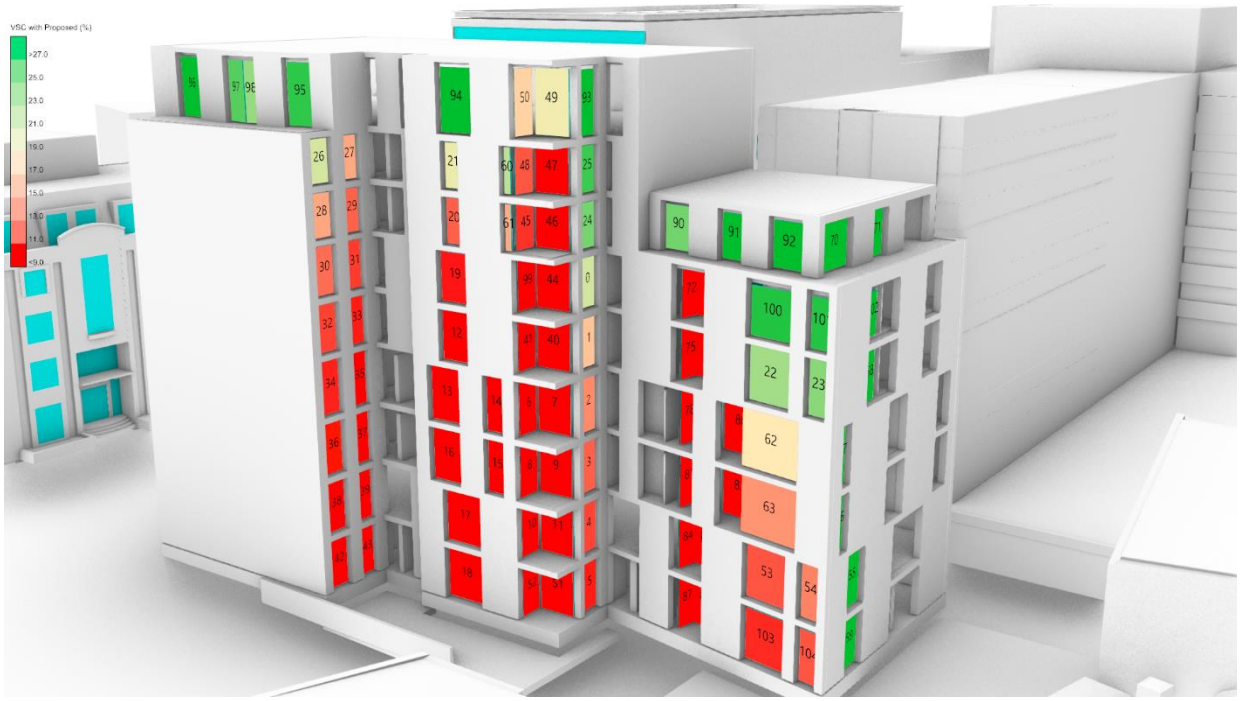
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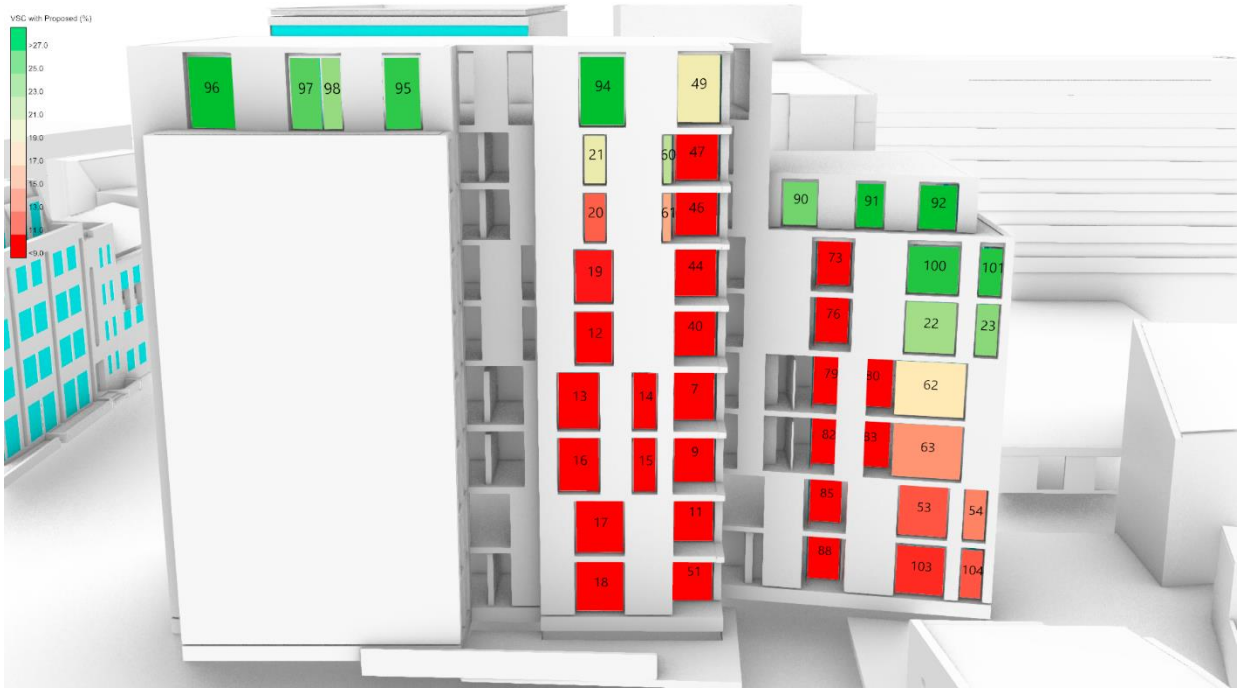
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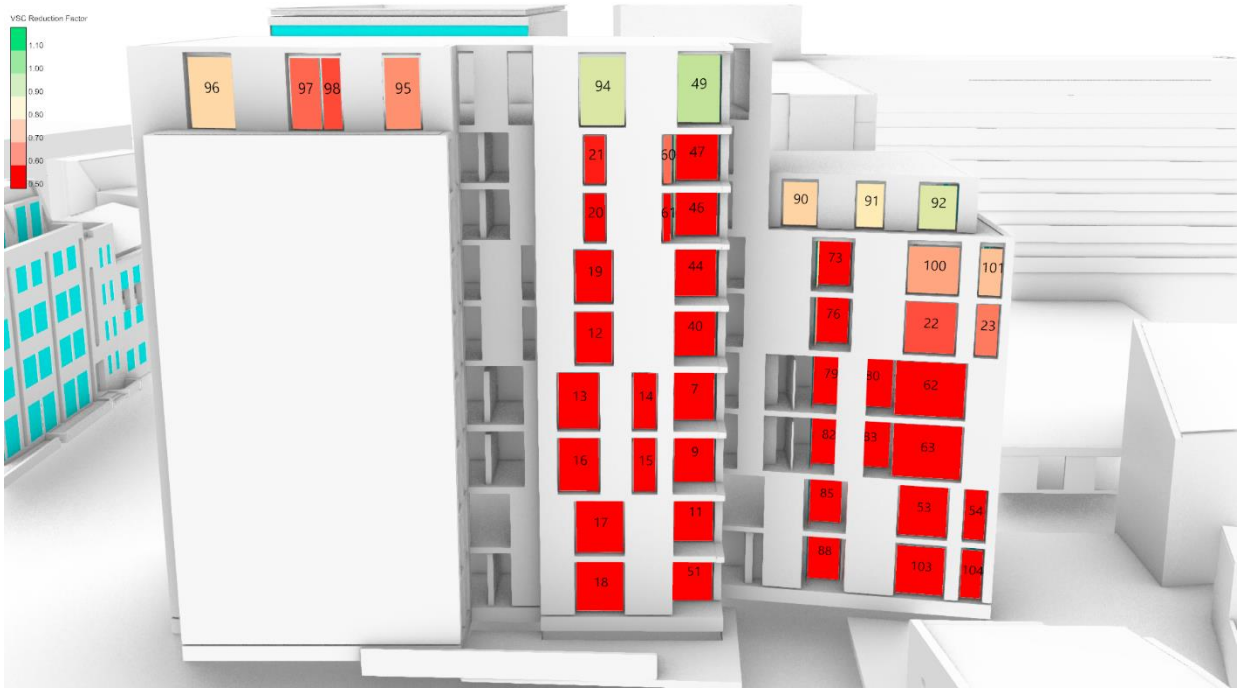
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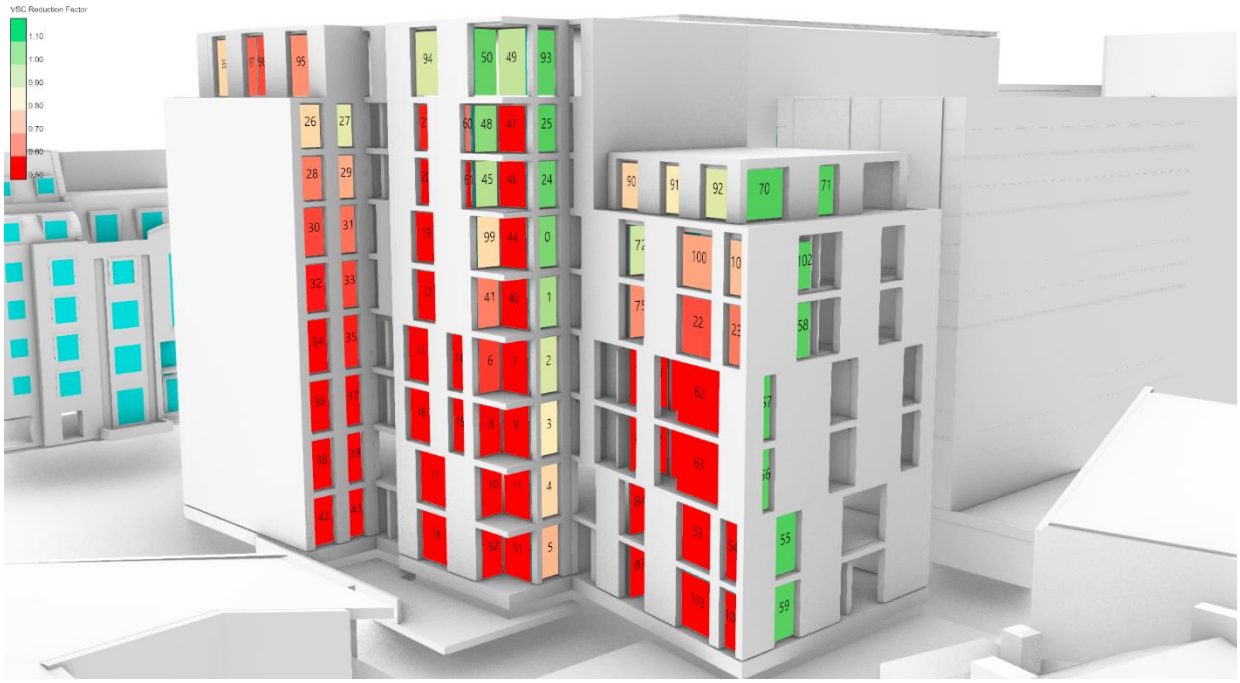
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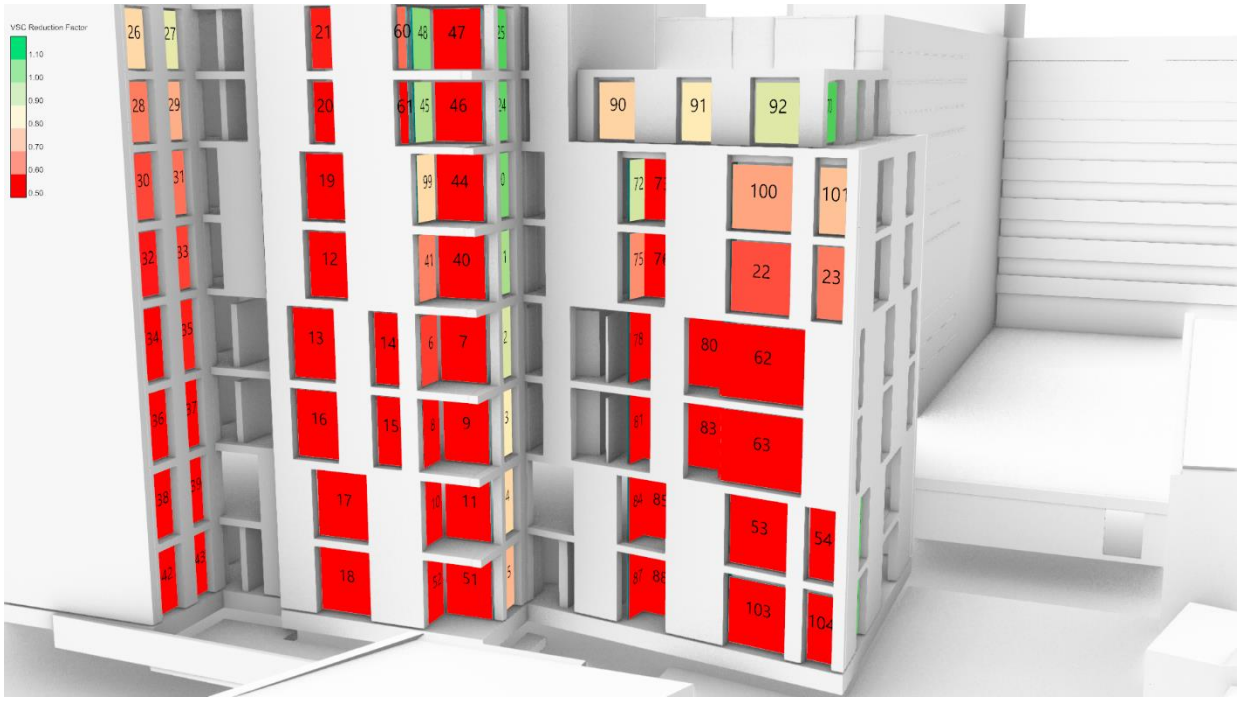
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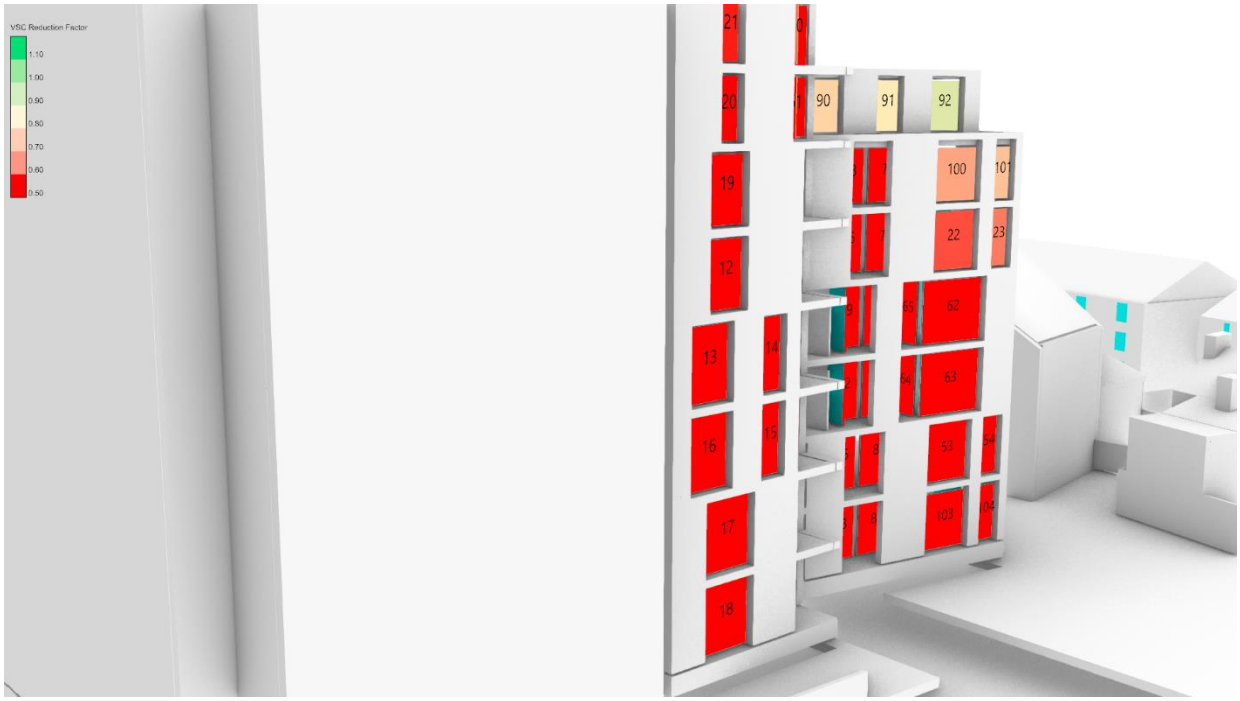


Results

Floor	Unit	Room Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
0	2	KLD	13.4	12.1	4.7	0.39	Fail	Fail
0	4	KLD	23.4	17.6	9.7	0.55	Fail	Fail
1	6	KLD	13.3	13.5	5.4	0.40	Fail	Fail
2	6	KLD	16.5	18.3	5.6	0.31	Fail	Fail
1	8	KLD	23.8	19.8	11.6	0.59	Fail	Fail
0	4	Bedroom	7.9	9.8	0.9	0.09	Fail	Fail
1	8	Bedroom	7.8	10.4	1.1	0.10	Fail	Fail
2	8	Bedroom	8.0	9.6	1.4	0.14	Fail	Fail
3	8	Bedroom	8.1	10.0	2.0	0.20	Fail	Fail
4	8	Bedroom	7.3	11.1	3.7	0.33	Fail	Fail

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
5	0	2	KLD	3.57	13.85	49.41	10.12	36.09
51	0	2	KLD	6.00	12.90	77.36	1.93	11.56
52	0	2	KLD	3.83	9.11	34.86	3.86	14.76

Window Reference	Floor	Unit	Room Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
59	0	4	KLD	4.48	27.13	121.44	27.10	121.29
104	0	4	KLD	2.85	28.36	80.85	12.25	34.93
103	0	4	KLD	6.72	29.90	201.02	10.66	71.65
66	0	4	KLD	3.26	0.04	0.14	0.01	0.04
89	0	4	KLD	6.11	1.32	8.09	0.01	0.05
4	1	6	KLD	3.58	14.98	53.68	11.59	41.52
11	1	6	KLD	5.77	14.60	84.23	2.13	12.30
10	1	6	KLD	3.91	10.47	40.98	4.61	18.05
3	2	6	KLD	3.61	15.77	56.97	12.64	45.69
9	2	6	KLD	5.77	16.62	95.90	2.48	14.32
8	2	6	KLD	3.91	11.76	46.03	5.61	21.97
15	2	6	KLD	3.19	32.04	102.29	3.32	10.61
53	1	8	KLD	6.86	32.19	220.85	12.24	83.94
54	1	8	KLD	2.91	30.92	89.97	13.97	40.66
55	1	8	KLD	4.70	31.34	147.34	31.54	148.32
67	1	8	KLD	3.23	0.05	0.18	0.01	0.04
86	1	8	KLD	6.05	1.81	10.94	0.31	1.87
87	0	4	Bedroom	3.26	6.10	19.90	2.16	7.04
88	0	4	Bedroom	4.66	12.38	57.71	0.07	0.32
85	1	8	Bedroom	4.62	13.07	60.35	0.07	0.33
84	1	8	Bedroom	3.23	6.68	21.59	2.49	8.06
82	2	8	Bedroom	4.69	12.33	57.90	0.97	4.54
81	2	8	Bedroom	3.29	5.58	18.36	1.90	6.26
79	3	8	Bedroom	4.77	12.98	61.97	1.51	7.21
78	3	8	Bedroom	3.34	5.75	19.23	2.80	9.35
75	4	8	Bedroom	3.01	7.15	21.53	4.87	14.65
76	4	8	Bedroom	4.30	13.92	59.86	2.81	12.07

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	20.5	19.6	0.96	27	Pass	15	Pass	Negligible	3.30
1	18.2	16.4	0.90	27	Pass	15	Pass	Negligible	3.33
2	16.9	14.2	0.84	27	Pass	15	Pass	Negligible	3.77
3	15.8	12.6	0.80	27	Marginal Pass	15	Marginal Pass	Negligible	3.61
4	15.0	11.6	0.77	27	Fail	15	Fail	Minor	3.58
5	13.8	10.1	0.73	27	Fail	15	Fail	Minor	3.57

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
6	12.4	7.1	0.57	27	Fail	15	Fail	Major	3.91
7	17.8	3.0	0.17	27	Fail	15	Fail	Major	5.77
8	11.8	5.6	0.48	27	Fail	15	Fail	Major	3.91
9	16.6	2.5	0.15	27	Fail	15	Fail	Major	5.77
10	10.5	4.6	0.44	27	Fail	15	Fail	Major	3.91
11	14.6	2.1	0.15	27	Fail	15	Fail	Major	5.77
12	34.2	6.8	0.20	27	Fail	15	Fail	Major	4.68
13	33.3	4.8	0.14	27	Fail	15	Fail	Major	5.82
14	33.3	5.1	0.15	27	Fail	15	Fail	Major	3.27
15	32.0	3.3	0.10	27	Fail	15	Fail	Major	3.19
16	32.1	3.3	0.10	27	Fail	15	Fail	Major	5.69
17	30.9	3.0	0.10	27	Fail	15	Fail	Major	6.80
18	27.6	2.3	0.08	27	Fail	15	Fail	Major	6.63
19	35.0	9.8	0.28	27	Fail	15	Fail	Major	4.65
20	33.9	12.7	0.37	27	Fail	15	Fail	Major	2.28
21	34.7	18.7	0.54	27	Fail	15	Pass	Major	2.24
22	35.5	21.3	0.60	27	Fail	15	Pass	Major	6.64
23	33.8	22.1	0.66	27	Fail	15	Pass	Moderate	2.80
24	23.3	22.8	0.98	27	Pass	15	Pass	Negligible	2.98
25	24.7	24.8	1.00	27	Pass	15	Pass	None	2.98
26	25.2	19.5	0.77	27	Fail	15	Pass	Minor	3.00
27	18.6	15.4	0.83	27	Pass	15	Pass	Negligible	2.35
28	23.3	15.3	0.66	27	Fail	15	Pass	Moderate	3.04
29	17.7	12.7	0.72	27	Fail	15	Fail	Minor	2.39
30	22.3	13.1	0.59	27	Fail	15	Fail	Major	3.39
31	17.5	11.2	0.64	27	Fail	15	Fail	Moderate	2.66
32	21.7	11.5	0.53	27	Fail	15	Fail	Major	3.37
33	17.5	10.1	0.58	27	Fail	15	Fail	Major	2.64
34	21.1	10.4	0.49	27	Fail	15	Fail	Major	3.84
35	16.9	9.0	0.53	27	Fail	15	Fail	Major	3.01
36	20.3	9.7	0.48	27	Fail	15	Fail	Major	3.70
37	16.7	8.2	0.49	27	Fail	15	Fail	Major	2.90
38	19.5	8.8	0.45	27	Fail	15	Fail	Major	3.67
39	16.1	7.3	0.46	27	Fail	15	Fail	Major	2.88
40	16.2	3.8	0.24	27	Fail	15	Fail	Major	5.40
41	11.6	7.7	0.66	27	Fail	15	Fail	Moderate	3.66
42	18.4	7.9	0.43	27	Fail	15	Fail	Major	3.58

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
43	15.2	6.9	0.45	27	Fail	15	Fail	Major	2.81
44	16.5	5.6	0.34	27	Fail	15	Fail	Major	5.38
45	12.3	10.9	0.88	27	Pass	15	Pass	Negligible	3.20
46	16.5	6.6	0.40	27	Fail	15	Fail	Major	4.71
47	16.9	8.5	0.51	27	Fail	15	Fail	Major	4.71
48	13.1	12.3	0.94	27	Pass	15	Pass	Negligible	3.20
49	21.2	18.4	0.87	27	Pass	15	Pass	Negligible	6.67
50	17.3	17.0	0.98	27	Pass	15	Pass	Negligible	4.52
51	12.9	1.9	0.15	27	Fail	15	Fail	Major	6.00
52	9.1	3.9	0.42	27	Fail	15	Fail	Major	3.83
53	32.2	12.2	0.38	27	Fail	15	Fail	Major	6.86
54	30.9	14.0	0.45	27	Fail	15	Fail	Major	2.91
55	31.3	31.5	1.01	27	Pass	15	Pass	None	4.70
56	30.5	30.3	1.00	27	Pass	15	Pass	Negligible	1.86
57	31.6	31.9	1.01	27	Pass	15	Pass	None	1.91
58	36.2	36.1	1.00	27	Pass	15	Pass	Negligible	2.93
59	27.1	27.1	1.00	27	Pass	15	Pass	Negligible	4.48
60	32.0	20.3	0.64	27	Fail	15	Pass	Moderate	0.83
61	32.0	15.5	0.48	27	Fail	15	Pass	Major	0.84
62	34.7	17.8	0.51	27	Fail	15	Pass	Major	10.20
63	33.6	14.6	0.44	27	Fail	15	Fail	Major	10.15
64	5.3	0.1	0.03	27	Fail	15	Fail	Major	3.29
65	5.5	0.4	0.07	27	Fail	15	Fail	Major	3.34
66	0.0	0.0	0.30	27	Fail	15	Fail	Major	3.26
67	0.1	0.0	0.23	27	Fail	15	Fail	Major	3.23
68	0.1	0.0	0.31	27	Fail	15	Fail	Major	3.01
69	0.1	0.0	0.24	27	Fail	15	Fail	Major	2.74
70	37.2	37.4	1.01	27	Pass	15	Pass	None	6.14
71	36.0	36.1	1.00	27	Pass	15	Pass	None	3.22
72	7.7	6.5	0.85	27	Pass	15	Pass	Negligible	2.74
73	15.1	5.9	0.39	27	Fail	15	Fail	Major	3.92
74	1.5	0.3	0.20	27	Fail	15	Fail	Major	5.13
75	7.2	4.9	0.68	27	Fail	15	Fail	Moderate	3.01
76	13.9	2.8	0.20	27	Fail	15	Fail	Major	4.30
77	1.4	0.0	0.01	27	Fail	15	Fail	Major	5.63
78	5.8	2.8	0.49	27	Fail	15	Fail	Major	3.34
79	13.0	1.5	0.12	27	Fail	15	Fail	Major	4.77

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
80	11.0	3.5	0.32	27	Fail	15	Fail	Major	6.25
81	5.6	1.9	0.34	27	Fail	15	Fail	Major	3.29
82	12.3	1.0	0.08	27	Fail	15	Fail	Major	4.69
83	10.7	1.7	0.16	27	Fail	15	Fail	Major	6.15
84	6.7	2.5	0.37	27	Fail	15	Fail	Major	3.23
85	13.1	0.1	0.01	27	Fail	15	Fail	Major	4.62
86	1.8	0.3	0.17	27	Fail	15	Fail	Major	6.05
87	6.1	2.2	0.35	27	Fail	15	Fail	Major	3.26
88	12.4	0.1	0.01	27	Fail	15	Fail	Major	4.66
89	1.3	0.0	0.01	27	Fail	15	Fail	Major	6.11
90	30.0	23.0	0.77	27	Fail	15	Pass	Minor	3.83
91	33.9	27.0	0.80	27	Marginal Fail	15	Pass	Minor	2.99
92	35.8	30.0	0.84	27	Pass	15	Pass	Negligible	4.05
93	27.3	27.1	0.99	27	Pass	15	Pass	Negligible	4.15
94	37.6	31.7	0.84	27	Pass	15	Pass	Negligible	6.75
95	37.0	25.3	0.68	27	Fail	15	Pass	Moderate	5.30
96	38.0	29.4	0.77	27	Pass	15	Pass	Minor	7.46
97	37.9	23.9	0.63	27	Fail	15	Pass	Moderate	4.77
98	36.5	21.7	0.59	27	Fail	15	Pass	Major	2.74
99	12.3	9.6	0.78	27	Fail	15	Fail	Minor	3.77
100	36.4	25.8	0.71	27	Fail	15	Pass	Minor	5.96
101	34.6	25.7	0.74	27	Fail	15	Pass	Minor	2.51
102	36.5	36.5	1.00	27	Pass	15	Pass	Negligible	2.46
103	29.9	10.7	0.36	27	Fail	15	Fail	Major	6.72
104	28.4	12.3	0.43	27	Fail	15	Fail	Major	2.85

6.2.2 Block 3 (1-3 Sandwith St)

Summary

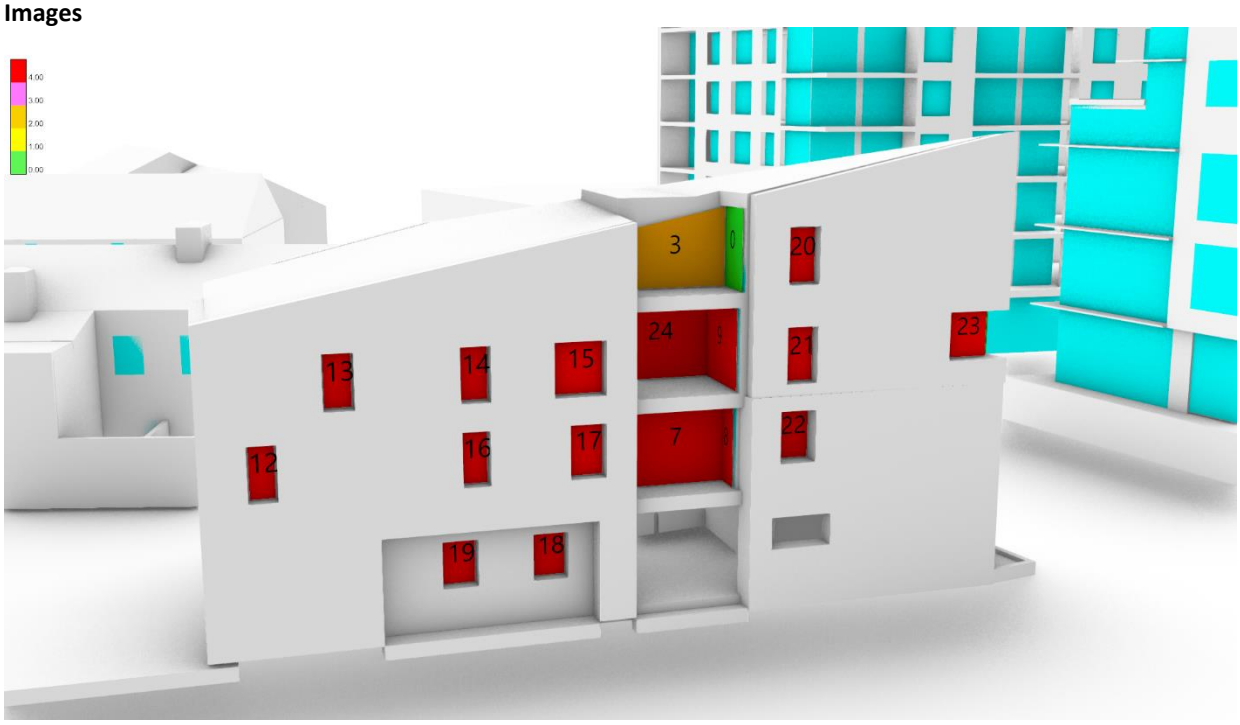
Total Windows	25		Impact Classification				
Scenario	Pass Rate - Standard Target (%)	Pass rate - Alternative Target (%)	None (%)	Negligible (%)	Minor (%)	Moderate (%)	Major (%)
Test 2	32.0%	36.0%	20.0%	12.0%	0.0%	0.0%	68.0%
Test 5	32.0%	36.0%	12.0%	20.0%	8.0%	0.0%	60.0%
Test 6	44.0%	60.0%	16.0%	28.0%	16.0%	12.0%	28.0%

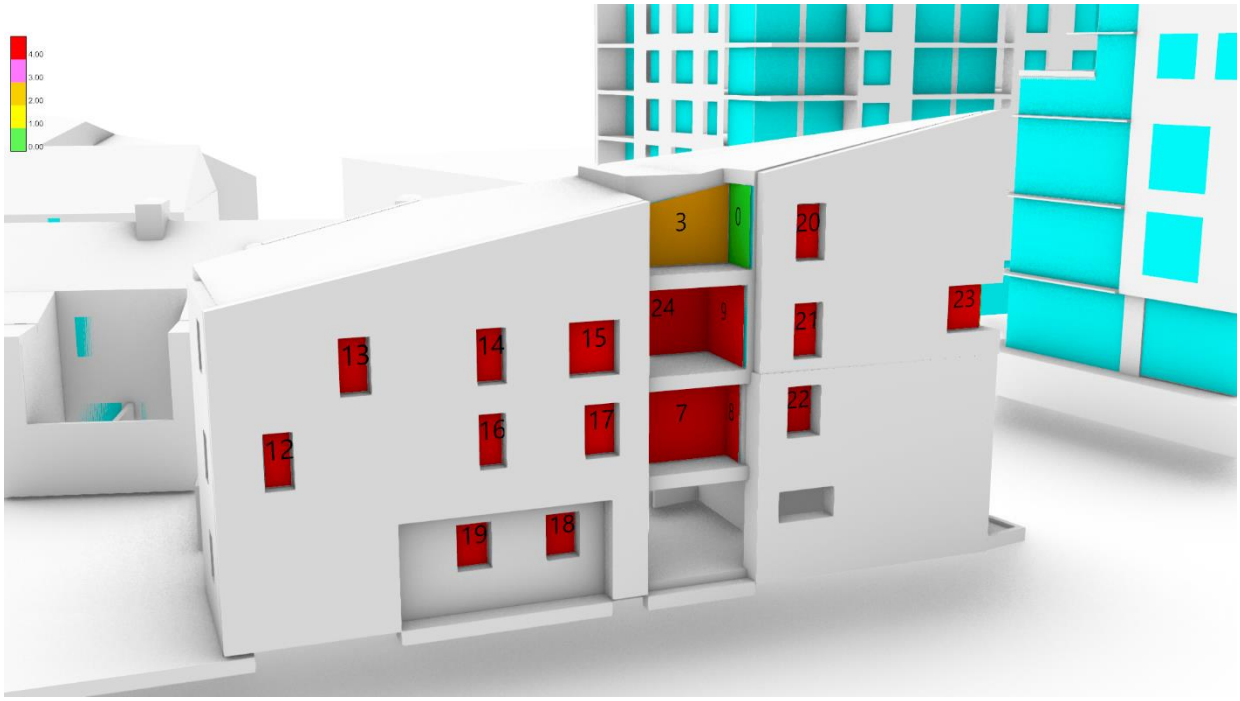
Test 2						
Floor	No. KLD Tested	No. Bedroom Tested	KLD Pass Standard Test	KLD Pass Alternative Test	Bedroom Pass Standard Test	Bedroom Pass Alternative Test
0	0	2	0	0	0	0
1	2	2	1	1	0	0
2	2	2	1	1	0	0
3	0	2	0	0	0	1
Total	**4**	**8**	**2**	**2**	**0**	**1**

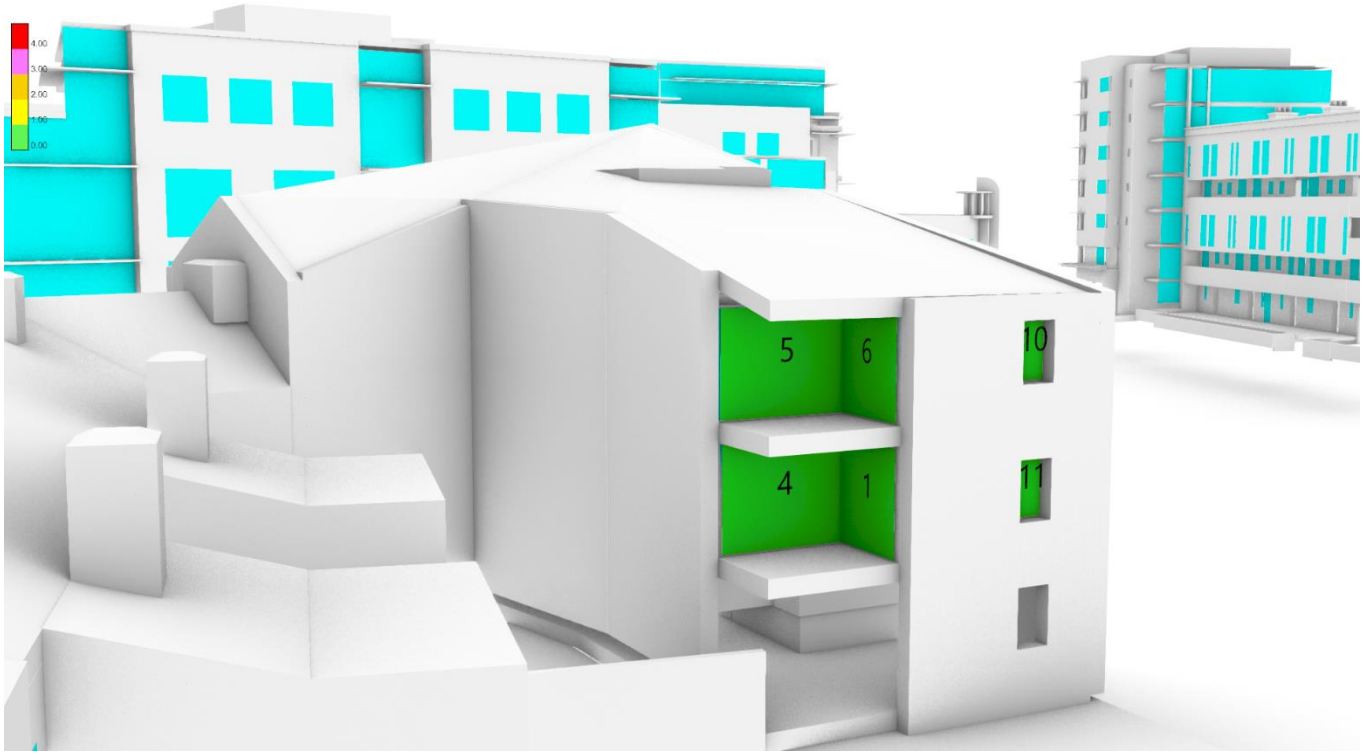
Test 5						
Floor	No. KLD Tested	No. Bedroom Tested	KLD Pass Standard Test	KLD Pass Alternative Test	Bedroom Pass Standard Test	Bedroom Pass Alternative Test
0	0	2	0	0	0	0
1	2	2	1	1	0	0
2	2	2	1	1	0	0
3	0	2	0	0	0	1
Total	**4**	**8**	**2**	**2**	**0**	**1**

Test 2

Images



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Results

Floor	Unit	Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
1	3	KLD	13.2	8.3	7.6	0.91	Pass	Pass
1	4	KLD	10.3	13.3	1.9	0.15	Fail	Fail
2	6	KLD	13.4	9.4	8.5	0.91	Pass	Pass
2	8	KLD	16.5	8.6	3.5	0.40	Fail	Fail
3	8	Bedroom	4.3	21.6	16.5	0.76	Fail	Pass

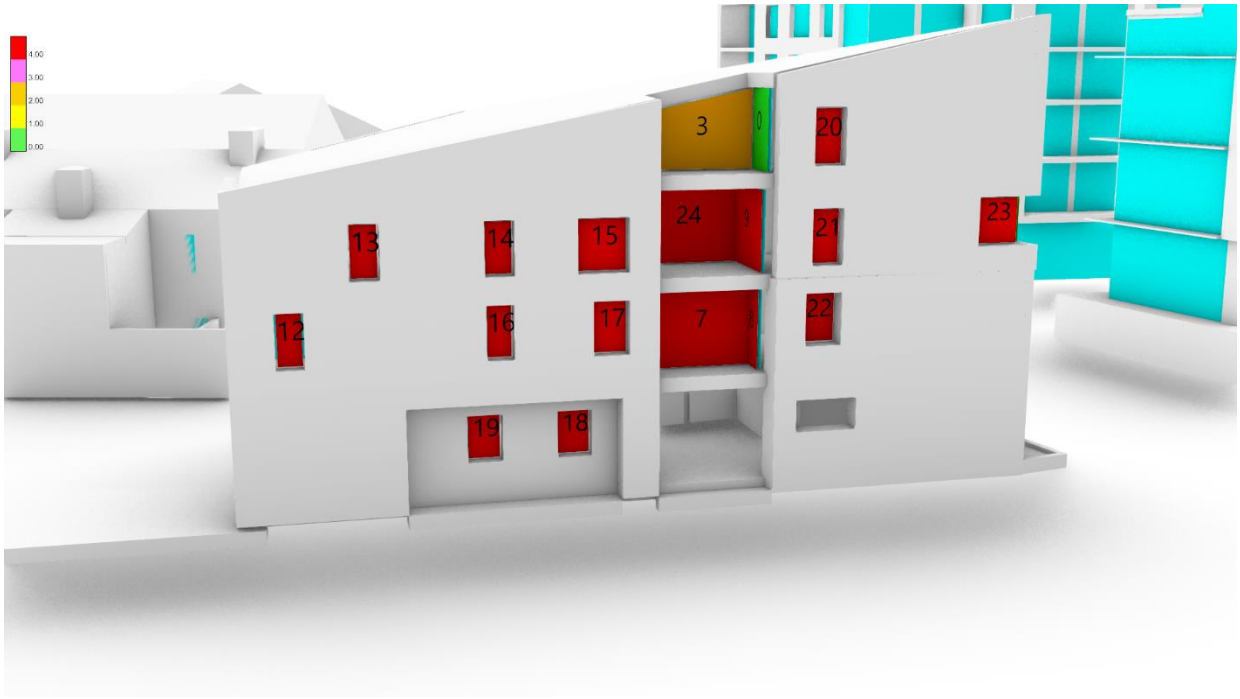
Window Reference	Floor	Unit	Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
4	1	3	KLD	6.73	6.57	44.22	6.44	43.35
1	1	3	KLD	4.74	8.04	38.11	8.26	39.11
11	1	3	KLD	0.86	12.20	10.55	12.30	10.64
12	1	3	KLD	0.90	19.31	17.45	7.95	7.18
7	1	4	KLD	6.90	15.04	103.79	1.65	11.38
8	1	4	KLD	2.05	4.35	8.94	2.33	4.79
22	1	4	KLD	1.33	18.11	24.16	2.78	3.71
5	2	6	KLD	6.83	6.89	47.08	6.90	47.14
6	2	6	KLD	4.74	9.56	45.30	9.67	45.83
10	2	6	KLD	0.86	13.94	12.06	14.12	12.21
13	2	6	KLD	0.98	21.60	21.17	9.53	9.34
24	2	8	KLD	6.90	4.64	32.02	0.02	0.15
9	2	8	KLD	5.75	2.25	12.96	0.57	3.29
21	2	8	KLD	1.20	25.29	30.35	9.78	11.74
23	2	8	KLD	1.63	27.36	44.56	12.96	21.10
2	2	8	KLD	1.00	21.01	21.04	20.63	20.67
0	3	8	Bedroom	3.12	19.67	61.27	17.99	56.04
20	3	8	Bedroom	1.20	26.55	31.86	12.51	15.02

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	19.7	18.0	0.91	27	Pass	15	Pass	Negligible	3.12
1	8.0	8.3	1.03	27	Pass	15	Pass	None	4.74
2	21.0	20.6	0.98	27	Pass	15	Pass	Negligible	1.00
3	28.9	16.2	0.56	27	Fail	15	Pass	Major	5.78

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
4	6.6	6.4	0.98	27	Pass	15	Pass	Negligible	6.73
5	6.9	6.9	1.00	27	Pass	15	Pass	None	6.83
6	9.6	9.7	1.01	27	Pass	15	Pass	None	4.74
7	15.0	1.6	0.11	27	Fail	15	Fail	Major	6.90
8	4.4	2.3	0.54	27	Fail	15	Fail	Major	2.05
9	2.3	0.6	0.25	27	Fail	15	Fail	Major	5.75
10	13.9	14.1	1.01	27	Pass	15	Pass	None	0.86
11	12.2	12.3	1.01	27	Pass	15	Pass	None	0.86
12	19.3	7.9	0.41	27	Fail	15	Fail	Major	0.90
13	21.6	9.5	0.44	27	Fail	15	Fail	Major	0.98
14	22.7	9.6	0.42	27	Fail	15	Fail	Major	0.98
15	25.2	10.6	0.42	27	Fail	15	Fail	Major	1.84
16	21.0	7.8	0.37	27	Fail	15	Fail	Major	0.90
17	23.0	7.5	0.33	27	Fail	15	Fail	Major	1.26
18	12.8	1.3	0.11	27	Fail	15	Fail	Major	1.07
19	13.0	1.4	0.11	27	Fail	15	Fail	Major	1.07
20	26.5	12.5	0.47	27	Fail	15	Fail	Major	1.20
21	25.3	9.8	0.39	27	Fail	15	Fail	Major	1.20
22	18.1	2.8	0.15	27	Fail	15	Fail	Major	1.33
23	27.4	13.0	0.47	27	Fail	15	Fail	Major	1.63
24	4.6	0.0	0.00	27	Fail	15	Fail	Major	6.90

Test 5

Images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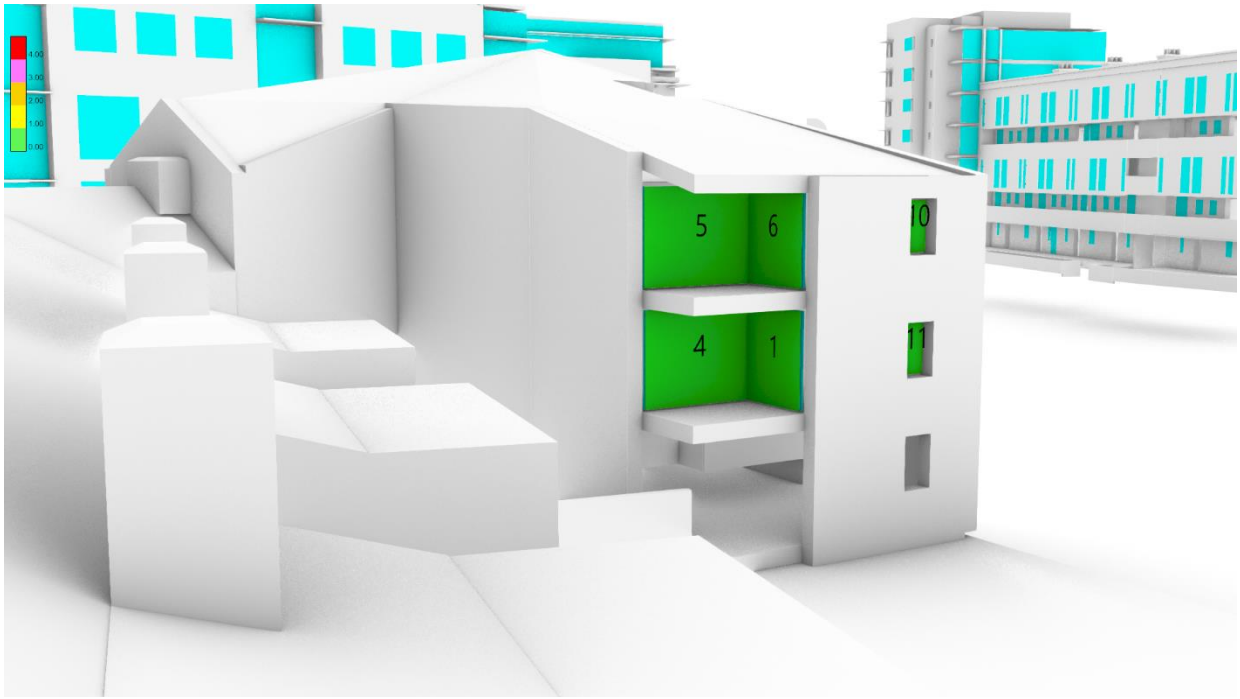
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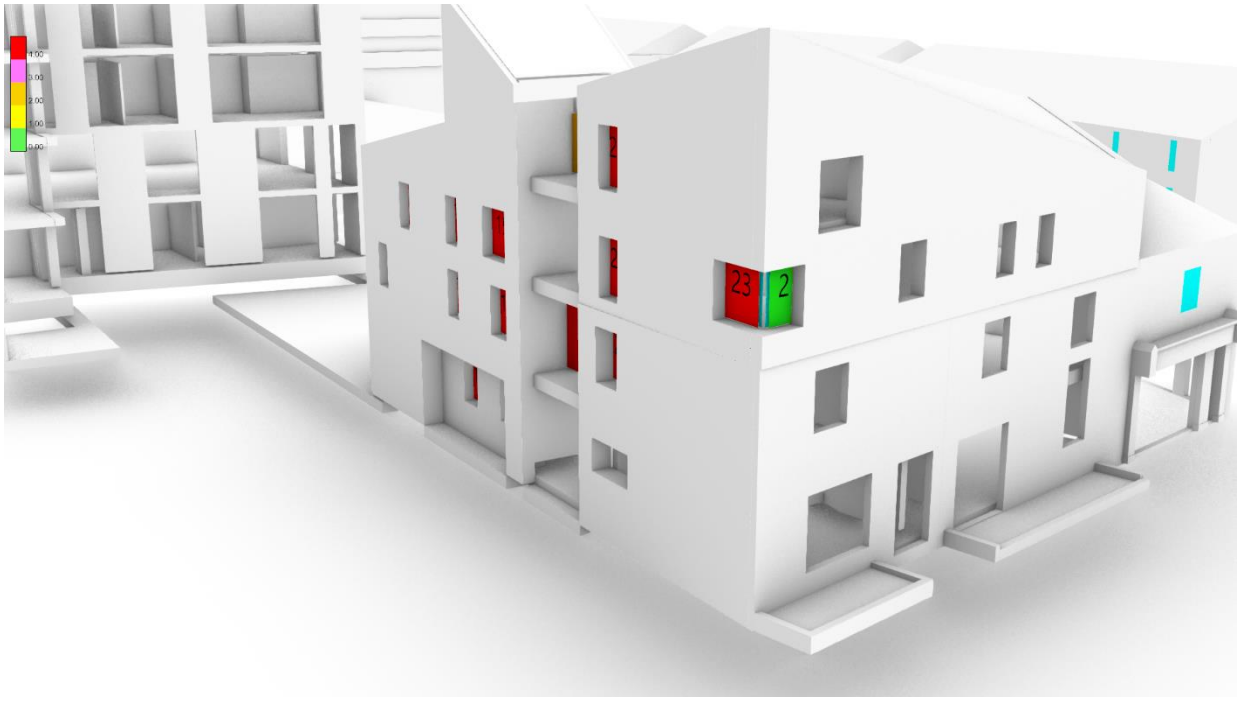


Results

Floor	Unit	Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
1	3	KLD	13.2	21.0	20.2	0.96	Pass	Pass
1	4	KLD	10.3	19.6	7.2	0.37	Fail	Fail
2	6	KLD	13.4	24.7	23.8	0.96	Pass	Pass
2	8	KLD	16.5	15.6	8.2	0.53	Fail	Fail
3	8		4.3	21.6	16.5	0.76	Fail	Pass

Window Reference	Floor	Unit	Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
4	1	3	KLD	6.73	21.04	141.64	21.02	141.52
1	1	3	KLD	4.74	22.93	108.66	22.92	108.60
11	1	3	KLD	0.86	12.22	10.56	12.22	10.57
12	1	3	KLD	0.90	19.36	17.49	7.82	7.06
7	1	4	KLD	6.90	23.11	159.48	8.13	56.12
8	1	4	KLD	2.05	8.58	17.62	6.50	13.36
22	1	4	KLD	1.33	18.22	24.31	3.06	4.08
5	2	6	KLD	6.83	24.66	168.47	24.59	168.00
6	2	6	KLD	4.74	27.21	128.93	27.28	129.25

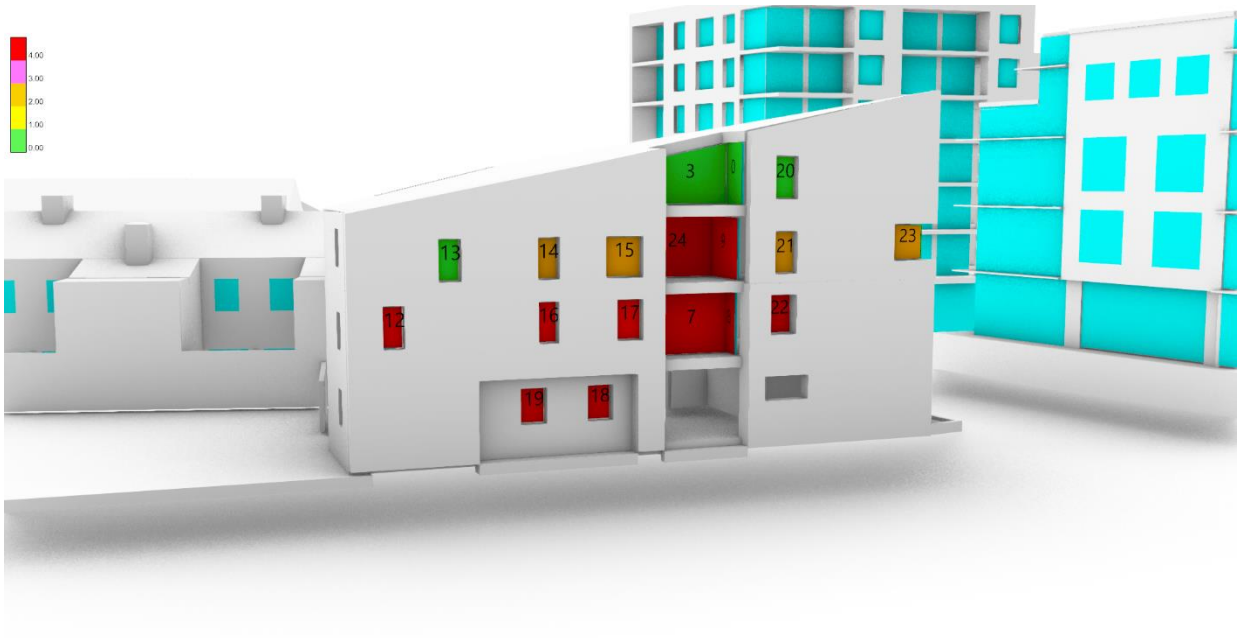
Window Reference	Floor	Unit	Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
10	2	6	KLD	0.86	14.21	12.28	14.30	12.37
13	2	6	KLD	0.98	21.57	21.14	9.64	9.44
24	2	8	KLD	6.90	15.93	109.90	6.01	41.46
9	2	8	KLD	5.75	8.87	51.01	7.02	40.34
21	2	8	KLD	1.20	25.41	30.50	10.01	12.01
23	2	8	KLD	1.63	27.06	44.08	13.09	21.31
2	2	8	KLD	1.00	21.06	21.10	20.60	20.64
0	3	8	Bedroom	3.12	19.77	61.58	18.10	56.38
20	3	8	Bedroom	1.20	26.44	31.73	12.39	14.86

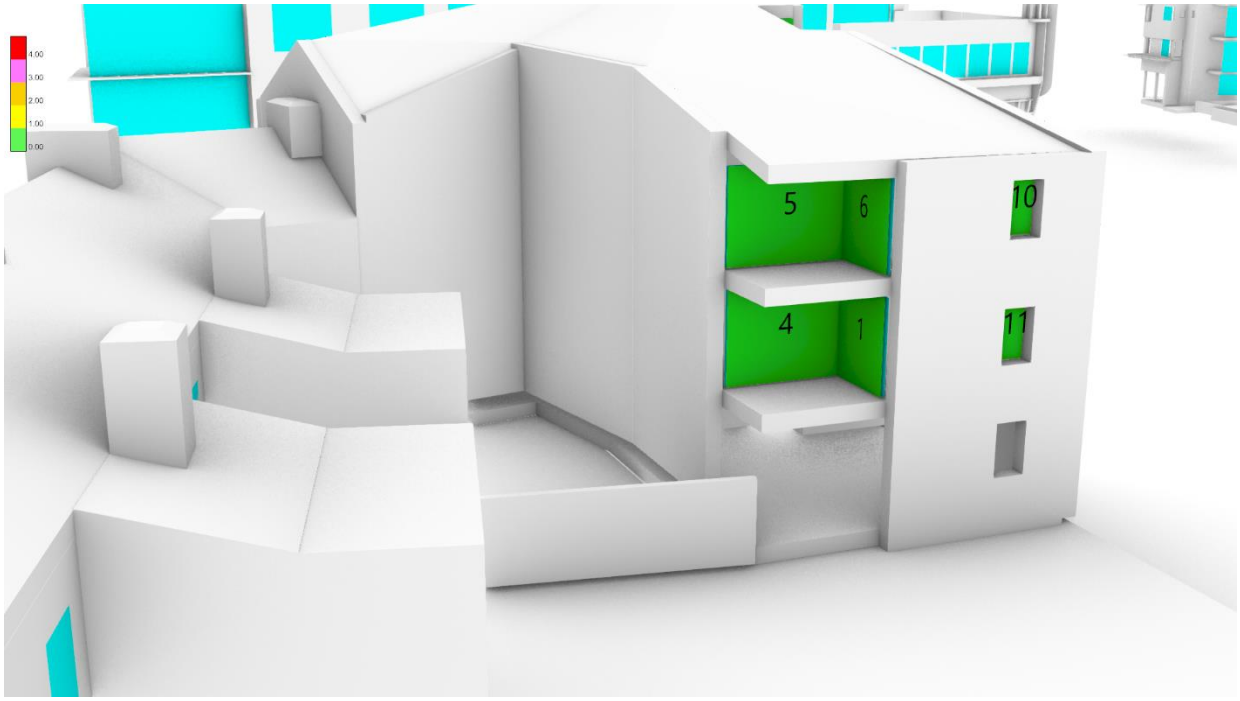
Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	19.8	18.1	0.92	27	Pass	15	Pass	Negligible	3.12
1	22.9	22.9	1.00	27	Pass	15	Pass	Negligible	4.74
2	21.1	20.6	0.98	27	Pass	15	Pass	Negligible	1.00
3	28.9	16.3	0.56	27	Fail	15	Pass	Major	5.78
4	21.0	21.0	1.00	27	Pass	15	Pass	Negligible	6.73
5	24.7	24.6	1.00	27	Pass	15	Pass	Negligible	6.83
6	27.2	27.3	1.00	27	Pass	15	Pass	None	4.74
7	23.1	8.1	0.35	27	Fail	15	Fail	Major	6.90
8	8.6	6.5	0.76	27	Fail	15	Fail	Minor	2.05
9	8.9	7.0	0.79	27	Fail	15	Fail	Minor	5.75
10	14.2	14.3	1.01	27	Pass	15	Pass	None	0.86
11	12.2	12.2	1.00	27	Pass	15	Pass	None	0.86
12	19.4	7.8	0.40	27	Fail	15	Fail	Major	0.90
13	21.6	9.6	0.45	27	Fail	15	Fail	Major	0.98
14	22.7	9.5	0.42	27	Fail	15	Fail	Major	0.98
15	25.6	10.1	0.40	27	Fail	15	Fail	Major	1.84
16	21.1	7.8	0.37	27	Fail	15	Fail	Major	0.90
17	23.2	7.7	0.33	27	Fail	15	Fail	Major	1.26
18	12.9	1.3	0.10	27	Fail	15	Fail	Major	1.07
19	13.2	1.5	0.12	27	Fail	15	Fail	Major	1.07
20	26.4	12.4	0.47	27	Fail	15	Fail	Major	1.20
21	25.4	10.0	0.39	27	Fail	15	Fail	Major	1.20
22	18.2	3.1	0.17	27	Fail	15	Fail	Major	1.33
23	27.1	13.1	0.48	27	Fail	15	Fail	Major	1.63

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
24	15.9	6.0	0.38	27	Fail	15	Fail	Major	6.90

Test 6

Images

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23

Results

Floor	Unit	Type	Total Window Area (sqm)	Existing Weighted VSC (%)	Proposed Weighted VSC (%)	Weighted VSC Ratio	Result Standard Test	Result Alternative Test
1	3	KLD	13.2	8.4	7.9	0.94	Pass	Pass
1	4	KLD	10.3	13.4	4.4	0.33	Fail	Fail
2	6	KLD	13.4	9.4	9.2	0.98	Pass	Pass
2	8	KLD	16.5	8.5	5.8	0.68	Fail	Fail
3	8	Bedroom	4.3	21.5	20.7	0.96	Pass	Pass

Window Reference	Floor	Unit	Type	Area (sqm)	Existing VSC (%)	Existing Area Weighted	Proposed VSC (%)	Proposed Area Weighted
4	1	3	KLD	6.73	6.50	43.78	6.36	42.84
1	1	3	KLD	4.74	8.21	38.89	8.13	38.53
11	1	3	KLD	0.86	12.26	10.60	12.45	10.76
12	1	3	KLD	0.90	19.48	17.61	13.40	12.11
7	1	4	KLD	6.90	15.10	104.16	4.51	31.13
8	1	4	KLD	2.05	4.47	9.18	2.88	5.92
22	1	4	KLD	1.33	18.12	24.18	6.28	8.38
5	2	6	KLD	6.83	6.84	46.74	6.95	47.50
6	2	6	KLD	4.74	9.58	45.37	9.61	45.51
10	2	6	KLD	0.86	13.99	12.09	14.07	12.17
13	2	6	KLD	0.98	21.67	21.24	18.74	18.37
24	2	8	KLD	6.90	4.66	32.17	1.74	11.99
9	2	8	KLD	5.75	2.22	12.79	1.76	10.12
21	2	8	KLD	1.20	25.33	30.40	16.46	19.75
23	2	8	KLD	1.63	27.27	44.41	20.52	33.42
2	2	8	KLD	1.00	21.00	21.04	20.75	20.79
0	3	8	Bedroom	3.12	19.57	60.98	19.53	60.86
20	3	8	Bedroom	1.20	26.54	31.84	23.86	28.63

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
0	19.6	19.5	1.00	27	Pass	15	Pass	Negligible	3.12
1	8.2	8.1	0.99	27	Pass	15	Pass	Negligible	4.74
2	21.0	20.8	0.99	27	Pass	15	Pass	Negligible	1.00
3	28.8	27.6	0.96	27	Pass	15	Pass	Negligible	5.78
4	6.5	6.4	0.98	27	Pass	15	Pass	Negligible	6.73

Window Ref	Baseline VSC (%)	Proposed VSC (%)	Ratio	VSC Target (%)	Pass/Fail	Alternative VSC Target (%)	Pass/Fail Alternative Target	Window Impact Classification	Area (m^2)
5	6.8	7.0	1.02	27	Pass	15	Pass	None	6.83
6	9.6	9.6	1.00	27	Pass	15	Pass	None	4.74
7	15.1	4.5	0.30	27	Fail	15	Fail	Major	6.90
8	4.5	2.9	0.64	27	Fail	15	Fail	Moderate	2.05
9	2.2	1.8	0.79	27	Fail	15	Fail	Minor	5.75
10	14.0	14.1	1.01	27	Pass	15	Pass	None	0.86
11	12.3	12.4	1.02	27	Pass	15	Pass	None	0.86
12	19.5	13.4	0.69	27	Fail	15	Fail	Moderate	0.90
13	21.7	18.7	0.86	27	Pass	15	Pass	Negligible	0.98
14	22.6	17.8	0.79	27	Fail	15	Pass	Minor	0.98
15	25.5	18.7	0.73	27	Fail	15	Pass	Minor	1.84
16	21.0	11.4	0.55	27	Fail	15	Fail	Major	0.90
17	23.3	11.7	0.50	27	Fail	15	Fail	Major	1.26
18	13.0	0.7	0.05	27	Fail	15	Fail	Major	1.07
19	13.2	0.6	0.04	27	Fail	15	Fail	Major	1.07
20	26.5	23.9	0.90	27	Pass	15	Pass	Negligible	1.20
21	25.3	16.5	0.65	27	Fail	15	Pass	Moderate	1.20
22	18.1	6.3	0.35	27	Fail	15	Fail	Major	1.33
23	27.3	20.5	0.75	27	Fail	15	Pass	Minor	1.63
24	4.7	1.7	0.37	27	Fail	15	Fail	Major	6.90

7.0 NO-SKY LINE

No-Sky Lines (NSL) have been calculated for the locations listed below. These were the only locations for which reliable plans were obtained.

- Grand Canal Place (39-39 Sandwith St Upper)
- Proposed Development 3164/23 (GRP)
    - Block 1
    - Block 3

NSLs were calculated for habitable rooms facing the proposed building.

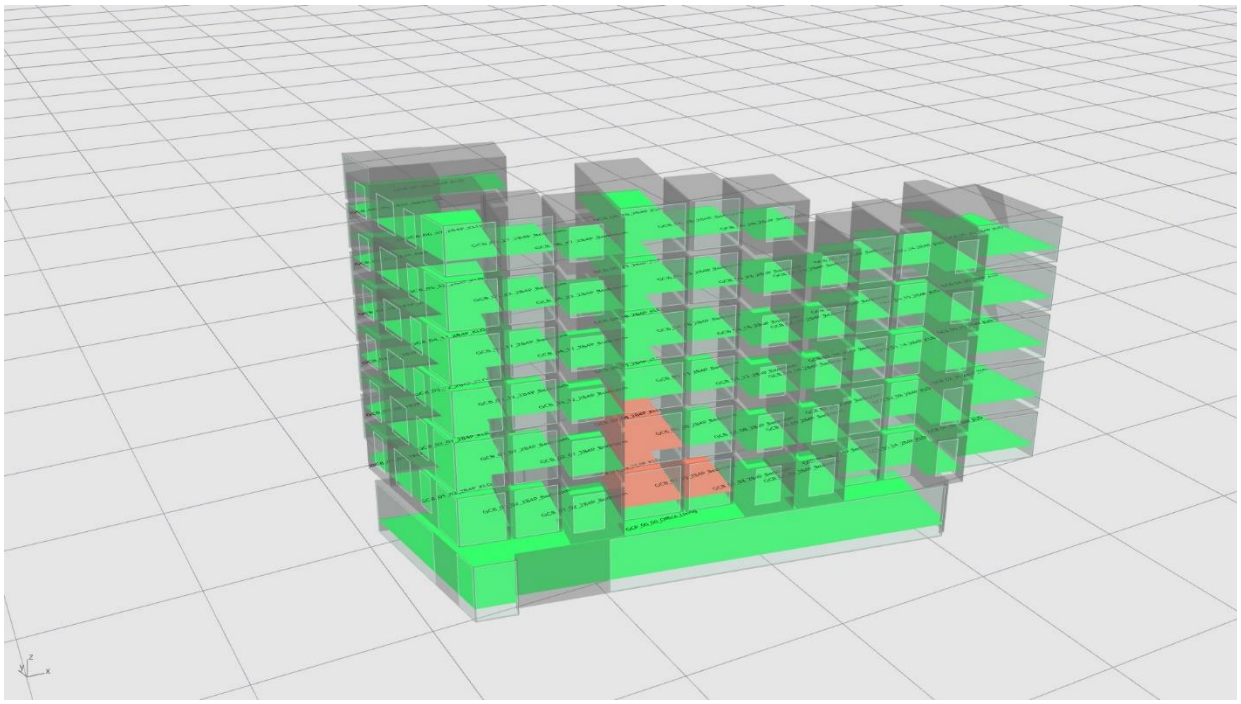
7.1 Grand Canal Place

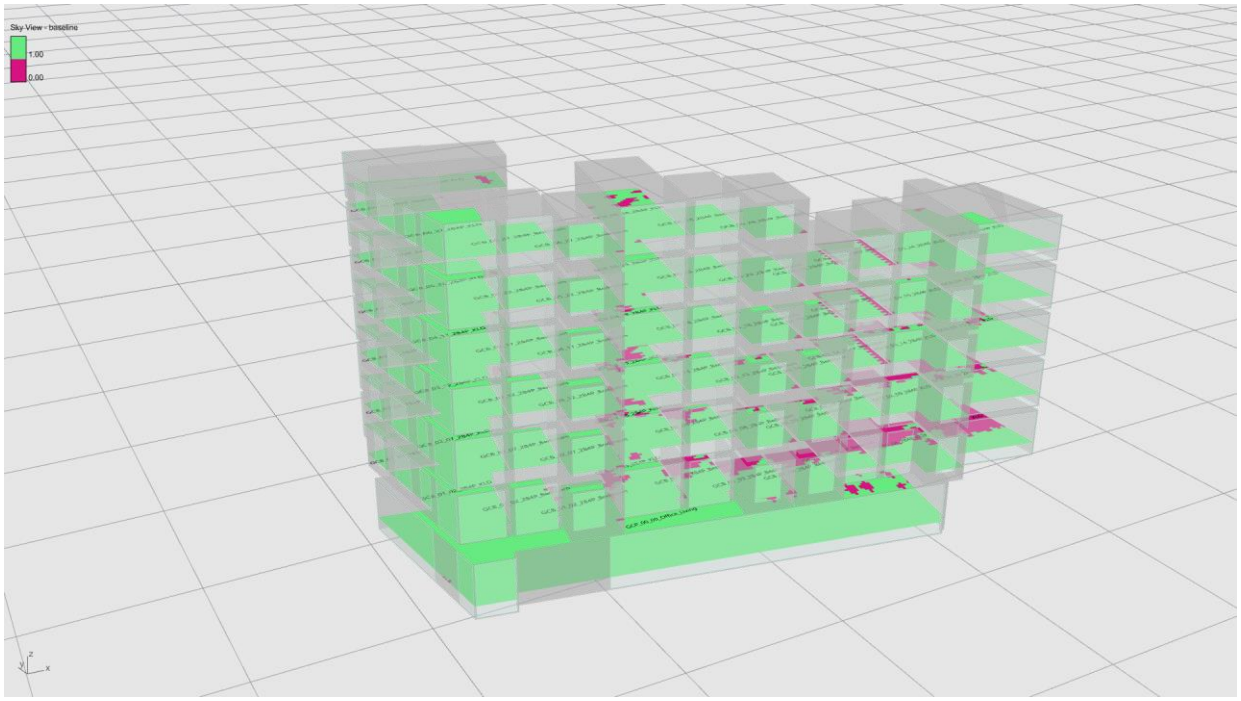
Summary

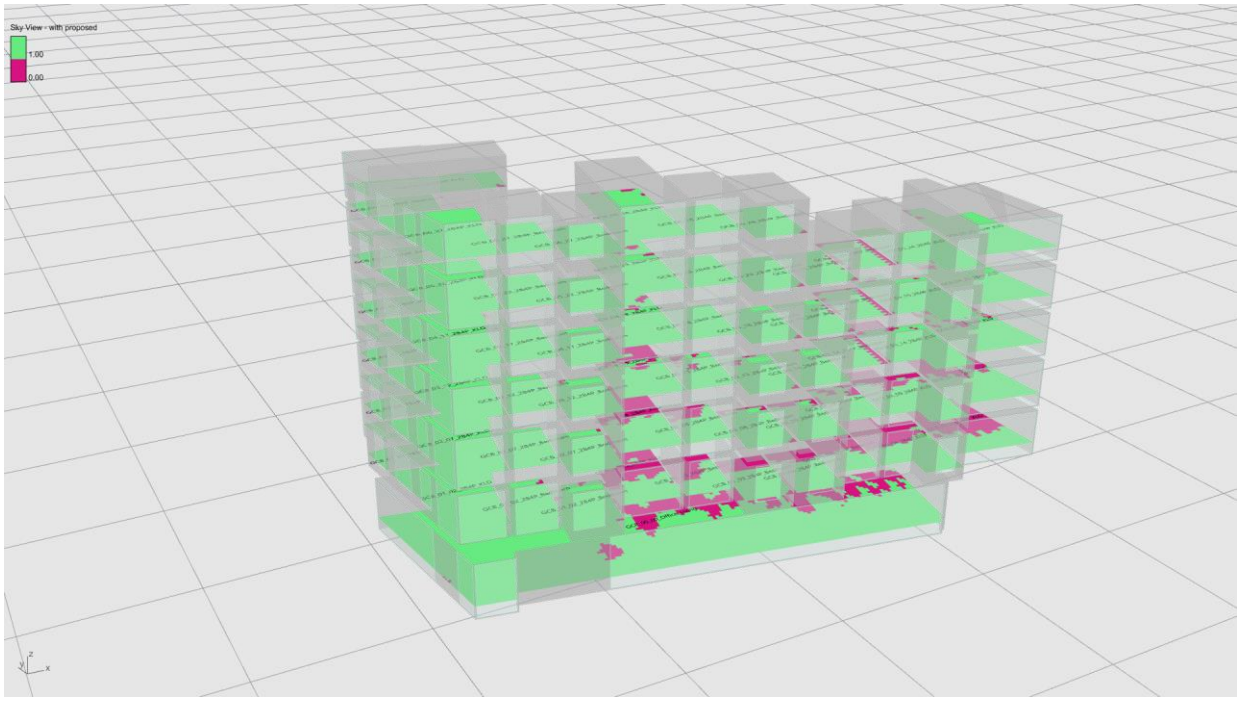
Total Rooms	69
Scenario	**Pass Rate (%)**
Test 1	95.7%
Test 2	95.7%
Test 3	94.2%

Test 1

Images







Results

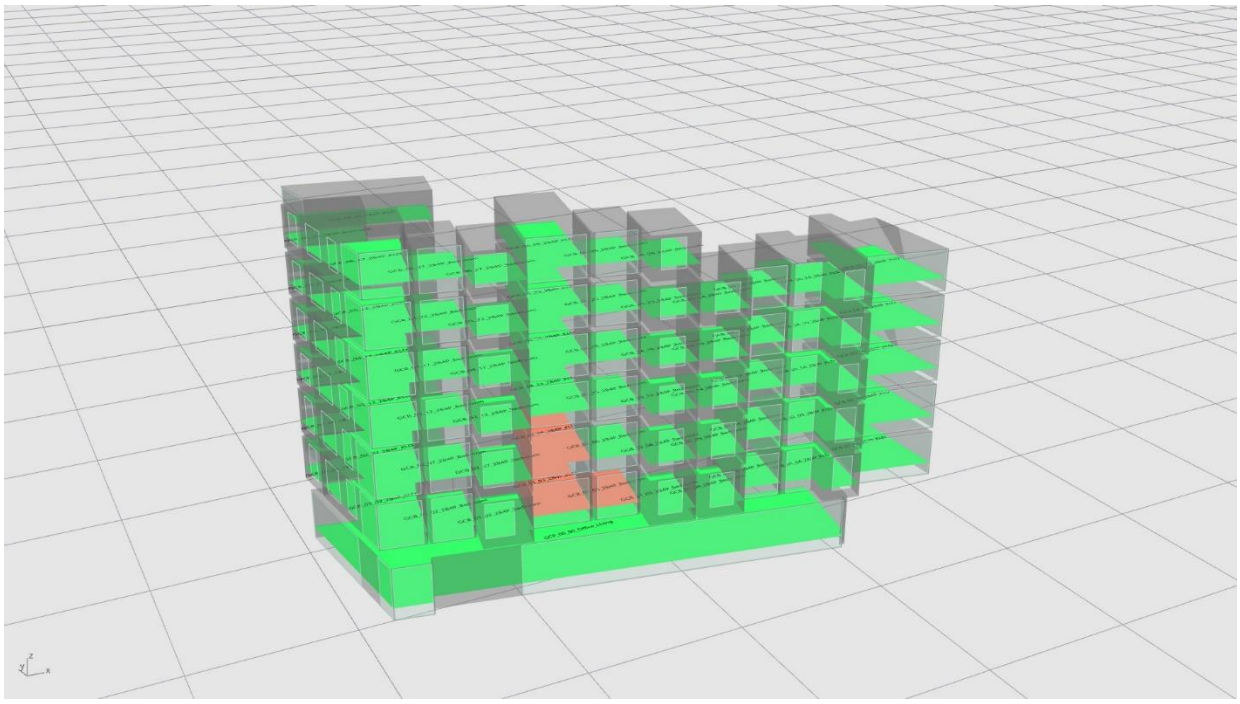
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_06_27_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	13.50	99.38	100.00	1.01	Pass
GCB_06_26_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_06_26_1B2P_KLD	25.61	97.03	99.23	1.02	Pass
GCB_06_28_2B4P_KLD	29.57	93.54	98.28	1.05	Pass
GCB_06_28_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_06_28_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_25_2B4P_KLD	32.85	99.02	98.82	1.00	Pass
GCB_05_24_2B4P_KLD	26.20	99.18	99.77	1.01	Pass
GCB_05_24_2B4P_Bedroom	12.09	79.85	79.49	1.00	Pass
GCB_05_24_2B4P_Bedroom	13.29	98.14	97.52	0.99	Pass
GCB_05_23_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_23_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_05_23_2B4P_KLD	29.57	97.56	95.55	0.98	Pass
GCB_05_21_1B2P_KLD	25.61	100.00	97.45	0.97	Pass
GCB_05_21_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_05_22_2B4P_Bedroom	13.50	99.38	100.00	1.01	Pass
GCB_05_22_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass

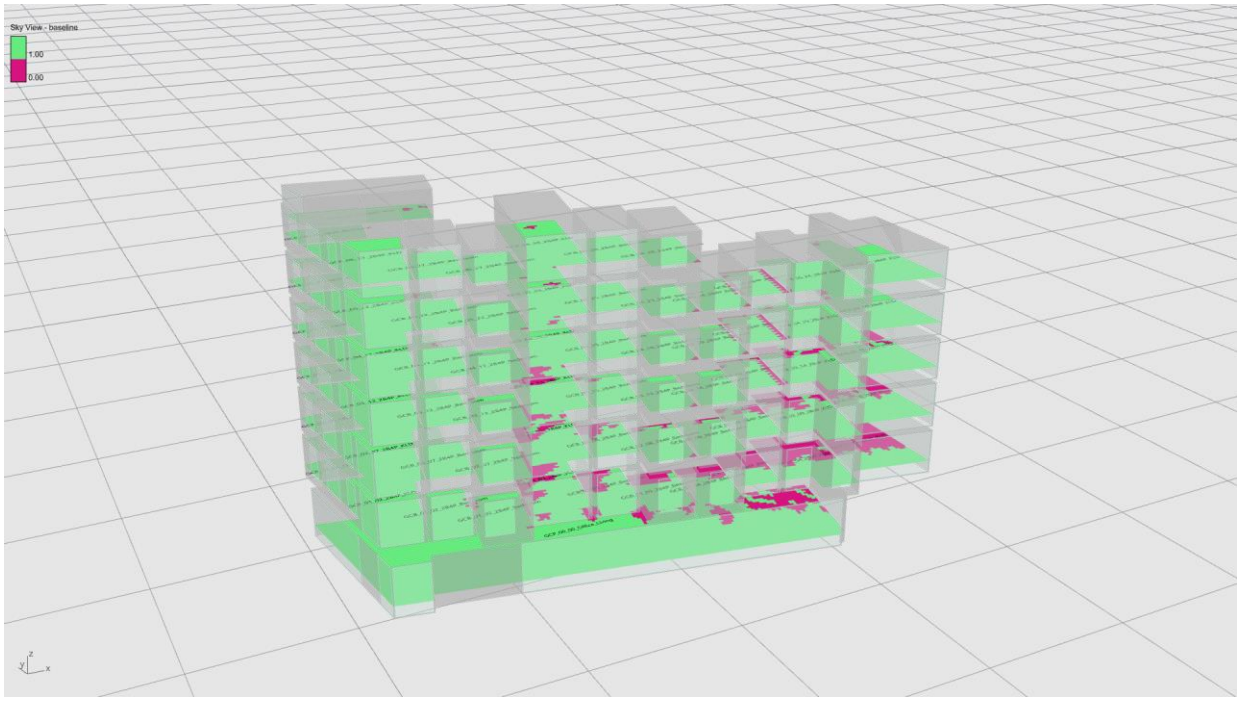
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_05_22_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_04_20_2B4P_KLD	32.85	91.00	95.15	1.05	Pass
GCB_04_19_2B4P_KLD	26.20	98.82	98.13	0.99	Pass
GCB_04_19_2B4P_Bedroom	12.09	78.02	79.12	1.01	Pass
GCB_04_19_2B4P_Bedroom	13.29	97.20	97.52	1.00	Pass
GCB_04_18_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_04_18_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_04_18_2B4P_KLD	29.57	91.25	88.67	0.97	Pass
GCB_04_16_1B2P_KLD	25.61	98.55	96.54	0.98	Pass
GCB_04_16_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_Bedroom	13.50	99.38	99.38	1.00	Pass
GCB_04_17_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_Bedroom	13.50	99.38	99.07	1.00	Pass
GCB_03_11_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_03_11_1B2P_KLD	25.61	98.29	96.40	0.98	Pass
GCB_03_13_2B4P_KLD	29.57	63.41	52.08	0.82	Pass
GCB_03_13_2B4P_Bedroom	11.96	95.24	91.21	0.96	Pass
GCB_03_13_2B4P_Bedroom	13.29	95.03	95.34	1.00	Pass
GCB_03_14_2B4P_Bedroom	13.29	97.83	99.38	1.02	Pass
GCB_03_14_2B4P_Bedroom	12.09	83.52	82.78	0.99	Pass
GCB_03_14_2B4P_KLD	26.20	88.60	86.37	0.97	Pass
GCB_03_15_2B4P_KLD	32.85	70.09	71.11	1.01	Pass
GCB_02_07_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	13.50	99.38	98.76	0.99	Pass
GCB_02_06_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_02_06_1B2P_KLD	25.61	94.86	100.00	1.05	Pass
GCB_02_08_2B4P_KLD	29.57	67.72	47.49	0.70	Fail
GCB_02_08_2B4P_Bedroom	11.96	79.49	74.36	0.94	Pass
GCB_02_08_2B4P_Bedroom	13.29	94.10	92.86	0.99	Pass
GCB_02_09_2B4P_Bedroom	13.29	94.41	89.75	0.95	Pass
GCB_02_09_2B4P_Bedroom	12.09	86.81	84.25	0.97	Pass

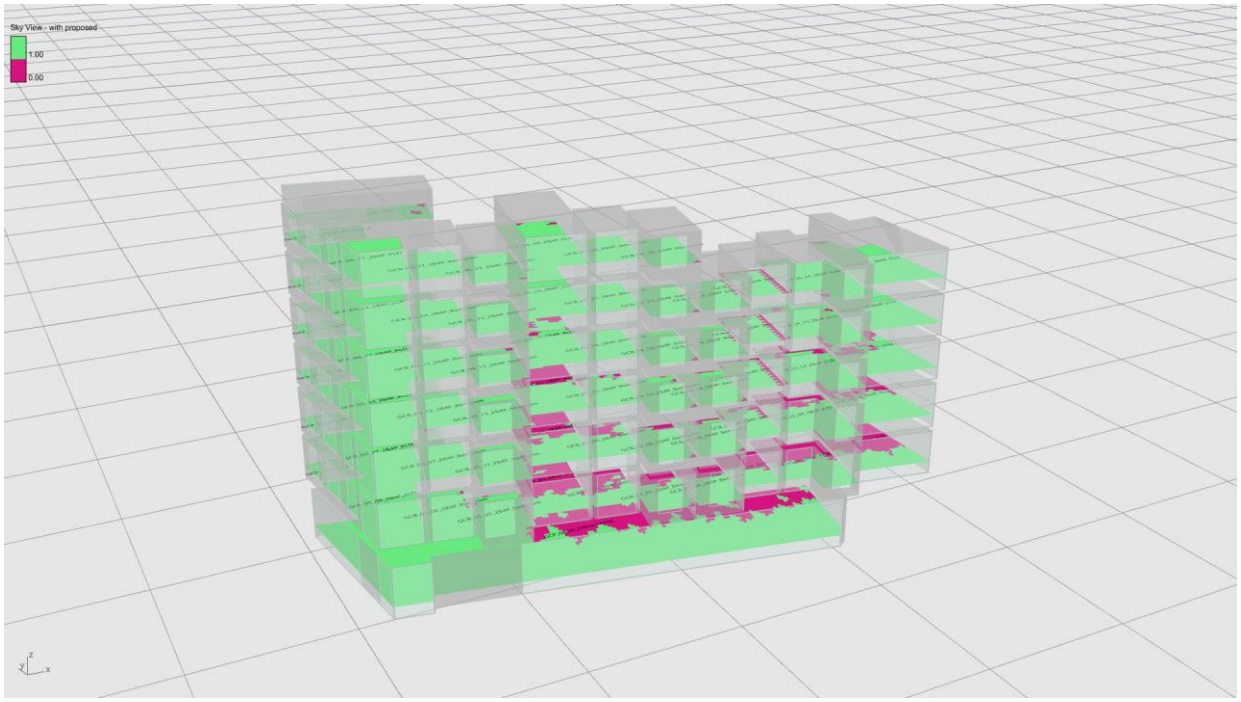
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_02_09_2B4P_KLD	26.20	76.71	73.95	0.96	Pass
GCB_02_10_2B4P_KLD	32.85	60.90	55.94	0.92	Pass
GCB_01_05_2B4P_KLD	32.85	34.80	34.16	0.98	Pass
GCB_01_04_2B4P_KLD	26.20	52.76	52.98	1.00	Pass
GCB_01_04_2B4P_Bedroom	12.09	48.35	50.55	1.05	Pass
GCB_01_04_2B4P_Bedroom	13.29	66.15	73.91	1.12	Pass
GCB_01_03_2B4P_Bedroom	13.29	72.05	68.63	0.95	Pass
GCB_01_03_2B4P_Bedroom	11.96	65.57	52.01	0.79	Fail
GCB_01_03_2B4P_KLD	29.57	63.85	33.29	0.52	Fail
GCB_01_01_1B2P_KLD	25.61	98.55	97.89	0.99	Pass
GCB_01_01_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_01_02_2B4P_Bedroom	13.50	97.52	97.52	1.00	Pass
GCB_01_02_2B4P_Bedroom	11.51	99.63	98.90	0.99	Pass
GCB_01_02_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCP_00_00_Office_Living	289.18	95.31	81.68	0.86	Pass

Test 2

Images







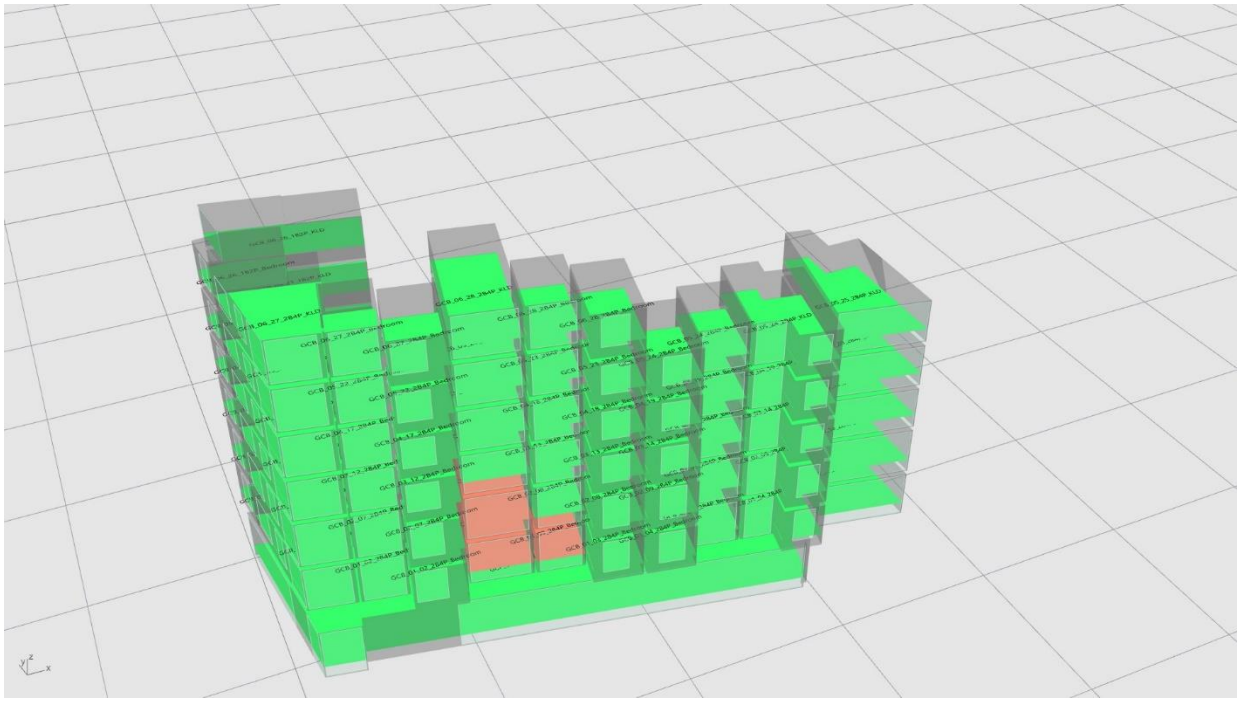
Results

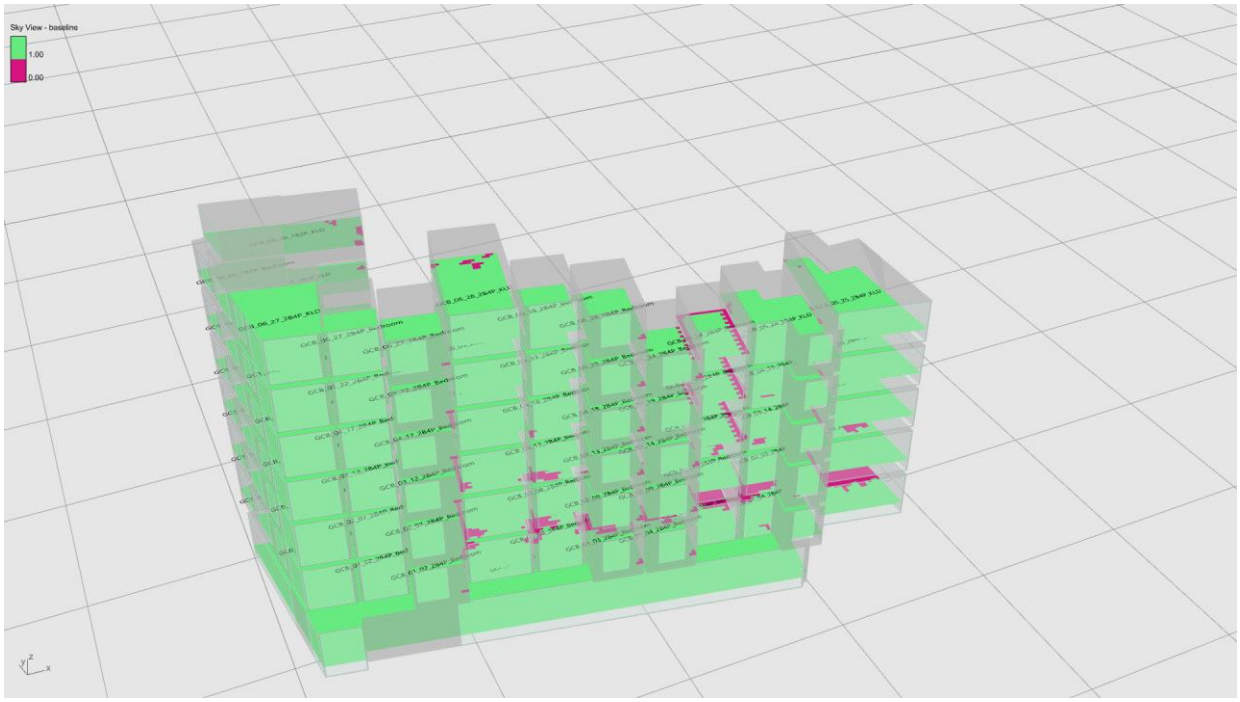
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_06_27_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	13.50	99.38	99.38	1.00	Pass
GCB_06_26_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_06_26_1B2P_KLD	25.61	98.16	97.47	0.99	Pass
GCB_06_28_2B4P_KLD	29.57	99.00	98.85	1.00	Pass
GCB_06_28_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_06_28_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_25_2B4P_KLD	32.85	99.38	98.79	0.99	Pass
GCB_05_24_2B4P_KLD	26.20	99.35	98.99	1.00	Pass
GCB_05_24_2B4P_Bedroom	12.09	78.75	77.66	0.99	Pass
GCB_05_24_2B4P_Bedroom	13.29	97.20	97.83	1.01	Pass
GCB_05_23_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_23_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_05_23_2B4P_KLD	29.57	97.99	97.70	1.00	Pass
GCB_05_21_1B2P_KLD	25.61	98.17	99.98	1.02	Pass
GCB_05_21_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_05_22_2B4P_Bedroom	13.50	99.38	100.00	1.01	Pass
GCB_05_22_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_05_22_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_04_20_2B4P_KLD	32.85	93.88	92.96	0.99	Pass
GCB_04_19_2B4P_KLD	26.20	98.40	97.44	0.99	Pass
GCB_04_19_2B4P_Bedroom	12.09	78.02	79.85	1.02	Pass
GCB_04_19_2B4P_Bedroom	13.29	96.89	98.45	1.02	Pass
GCB_04_18_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_04_18_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_04_18_2B4P_KLD	29.57	95.70	87.95	0.92	Pass
GCB_04_16_1B2P_KLD	25.61	99.01	99.49	1.00	Pass
GCB_04_16_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_Bedroom	13.50	99.38	98.14	0.99	Pass
GCB_04_17_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_Bedroom	13.50	99.07	99.38	1.00	Pass

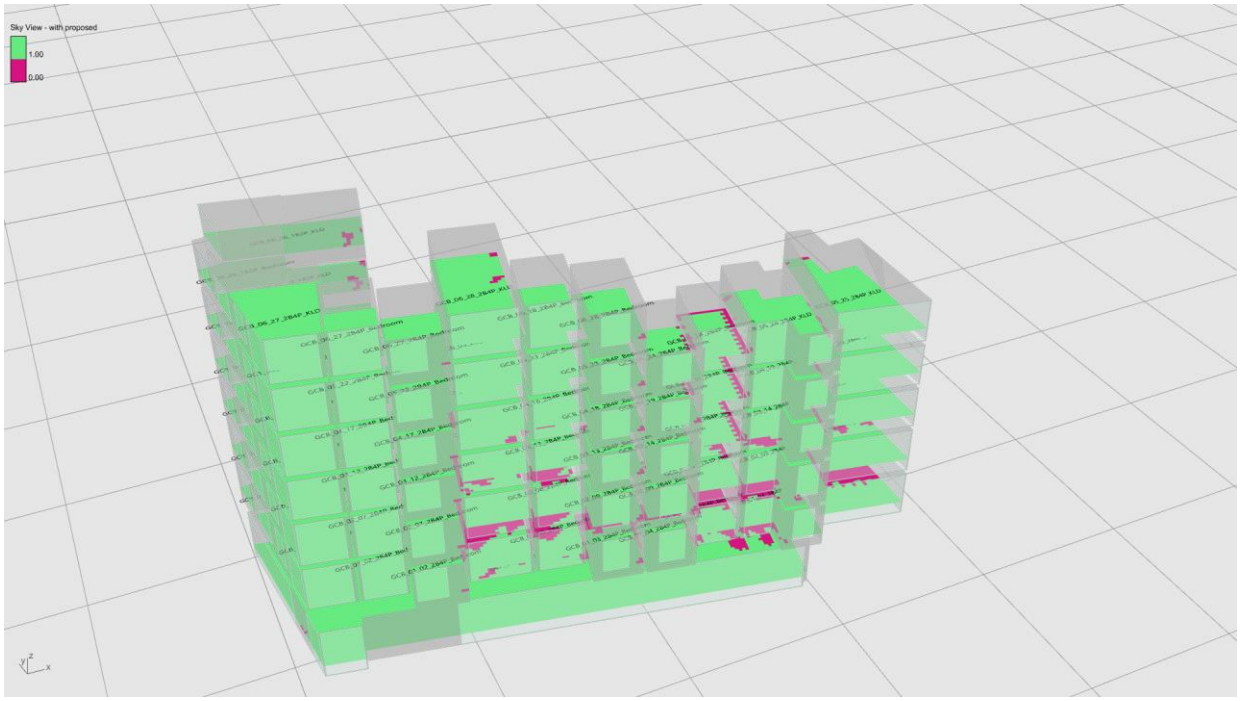
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_03_11_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_03_11_1B2P_KLD	25.61	99.33	99.30	1.00	Pass
GCB_03_13_2B4P_KLD	29.57	63.27	50.65	0.80	Pass
GCB_03_13_2B4P_Bedroom	11.96	95.60	91.94	0.96	Pass
GCB_03_13_2B4P_Bedroom	13.29	98.14	97.52	0.99	Pass
GCB_03_14_2B4P_Bedroom	13.29	99.38	97.20	0.98	Pass
GCB_03_14_2B4P_Bedroom	12.09	83.15	83.52	1.00	Pass
GCB_03_14_2B4P_KLD	26.20	85.24	84.32	0.99	Pass
GCB_03_15_2B4P_KLD	32.85	70.25	67.22	0.96	Pass
GCB_02_07_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	13.50	100.00	100.00	1.00	Pass
GCB_02_06_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_02_06_1B2P_KLD	25.61	100.00	100.00	1.00	Pass
GCB_02_08_2B4P_KLD	29.57	61.26	42.04	0.69	Fail
GCB_02_08_2B4P_Bedroom	11.96	78.39	72.16	0.92	Pass
GCB_02_08_2B4P_Bedroom	13.29	92.24	89.75	0.97	Pass
GCB_02_09_2B4P_Bedroom	13.29	95.96	94.10	0.98	Pass
GCB_02_09_2B4P_Bedroom	12.09	84.25	87.18	1.03	Pass
GCB_02_09_2B4P_KLD	26.20	73.60	74.47	1.01	Pass
GCB_02_10_2B4P_KLD	32.85	56.65	59.46	1.05	Pass
GCB_01_05_2B4P_KLD	32.85	35.90	35.94	1.00	Pass
GCB_01_04_2B4P_KLD	26.20	48.86	51.70	1.06	Pass
GCB_01_04_2B4P_Bedroom	12.09	48.35	51.28	1.06	Pass
GCB_01_04_2B4P_Bedroom	13.29	67.08	70.50	1.05	Pass
GCB_01_03_2B4P_Bedroom	13.29	71.74	69.88	0.97	Pass
GCB_01_03_2B4P_Bedroom	11.96	65.93	50.18	0.76	Fail
GCB_01_03_2B4P_KLD	29.57	57.82	31.71	0.55	Fail
GCB_01_01_1B2P_KLD	25.61	99.07	98.88	1.00	Pass
GCB_01_01_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_01_02_2B4P_Bedroom	13.50	96.58	96.89	1.00	Pass
GCB_01_02_2B4P_Bedroom	11.51	99.27	98.17	0.99	Pass
GCB_01_02_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCP_00_00_Office_Living	289.18	89.75	78.55	0.88	Pass

Test 3

Images







Results

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_06_27_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_06_27_2B4P_Bedroom	13.50	100.00	99.38	0.99	Pass
GCB_06_26_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_06_26_1B2P_KLD	25.61	99.30	100.00	1.01	Pass
GCB_06_28_2B4P_KLD	29.57	95.55	97.85	1.02	Pass
GCB_06_28_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_06_28_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_25_2B4P_KLD	32.85	99.52	99.88	1.00	Pass
GCB_05_24_2B4P_KLD	26.20	99.18	99.59	1.00	Pass
GCB_05_24_2B4P_Bedroom	12.09	79.12	79.49	1.00	Pass
GCB_05_24_2B4P_Bedroom	13.29	97.83	97.83	1.00	Pass
GCB_05_23_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_05_23_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_05_23_2B4P_KLD	29.57	97.13	97.70	1.01	Pass
GCB_05_21_1B2P_KLD	25.61	99.44	96.97	0.98	Pass
GCB_05_21_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_05_22_2B4P_Bedroom	13.50	99.38	99.38	1.00	Pass

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_05_22_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_05_22_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_04_20_2B4P_KLD	32.85	93.79	93.78	1.00	Pass
GCB_04_19_2B4P_KLD	26.20	98.13	98.28	1.00	Pass
GCB_04_19_2B4P_Bedroom	12.09	79.85	79.12	0.99	Pass
GCB_04_19_2B4P_Bedroom	13.29	96.89	98.14	1.01	Pass
GCB_04_18_2B4P_Bedroom	13.29	99.07	99.07	1.00	Pass
GCB_04_18_2B4P_Bedroom	11.96	100.00	100.00	1.00	Pass
GCB_04_18_2B4P_KLD	29.57	93.40	86.23	0.92	Pass
GCB_04_16_1B2P_KLD	25.61	94.55	98.99	1.05	Pass
GCB_04_16_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_Bedroom	13.50	100.00	99.38	0.99	Pass
GCB_04_17_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_04_17_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_03_12_2B4P_Bedroom	11.51	100.00	99.27	0.99	Pass
GCB_03_12_2B4P_Bedroom	13.50	99.38	99.38	1.00	Pass
GCB_03_11_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_03_11_1B2P_KLD	25.61	94.79	97.82	1.03	Pass
GCB_03_13_2B4P_KLD	29.57	73.89	51.65	0.70	Fail
GCB_03_13_2B4P_Bedroom	11.96	92.67	86.08	0.93	Pass
GCB_03_13_2B4P_Bedroom	13.29	97.83	95.65	0.98	Pass
GCB_03_14_2B4P_Bedroom	13.29	97.83	97.20	0.99	Pass
GCB_03_14_2B4P_Bedroom	12.09	83.52	83.52	1.00	Pass
GCB_03_14_2B4P_KLD	26.20	89.64	88.76	0.99	Pass
GCB_03_15_2B4P_KLD	32.85	72.21	73.89	1.02	Pass
GCB_02_07_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	11.51	100.00	100.00	1.00	Pass
GCB_02_07_2B4P_Bedroom	13.50	99.38	99.38	1.00	Pass
GCB_02_06_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_02_06_1B2P_KLD	25.61	98.69	100.00	1.01	Pass
GCB_02_08_2B4P_KLD	29.57	62.70	44.91	0.72	Fail
GCB_02_08_2B4P_Bedroom	11.96	76.19	75.09	0.99	Pass
GCB_02_08_2B4P_Bedroom	13.29	89.75	90.68	1.01	Pass
GCB_02_09_2B4P_Bedroom	13.29	93.79	92.55	0.99	Pass

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
GCB_02_09_2B4P_Bedroom	12.09	83.52	86.08	1.03	Pass
GCB_02_09_2B4P_KLD	26.20	78.32	74.20	0.95	Pass
GCB_02_10_2B4P_KLD	32.85	54.48	57.28	1.05	Pass
GCB_01_05_2B4P_KLD	32.85	33.98	35.05	1.03	Pass
GCB_01_04_2B4P_KLD	26.20	56.17	49.10	0.87	Pass
GCB_01_04_2B4P_Bedroom	12.09	49.08	47.99	0.98	Pass
GCB_01_04_2B4P_Bedroom	13.29	70.81	69.88	0.99	Pass
GCB_01_03_2B4P_Bedroom	13.29	73.91	69.57	0.94	Pass
GCB_01_03_2B4P_Bedroom	11.96	70.33	50.92	0.72	Fail
GCB_01_03_2B4P_KLD	29.57	59.83	37.59	0.63	Fail
GCB_01_01_1B2P_KLD	25.61	99.30	99.76	1.00	Pass
GCB_01_01_1B2P_Bedroom	11.58	100.00	100.00	1.00	Pass
GCB_01_02_2B4P_Bedroom	13.50	98.14	96.58	0.98	Pass
GCB_01_02_2B4P_Bedroom	11.51	99.63	99.27	1.00	Pass
GCB_01_02_2B4P_KLD	30.58	100.00	100.00	1.00	Pass
GCP_00_00_Office_Living	289.18	96.28	77.55	0.81	Pass

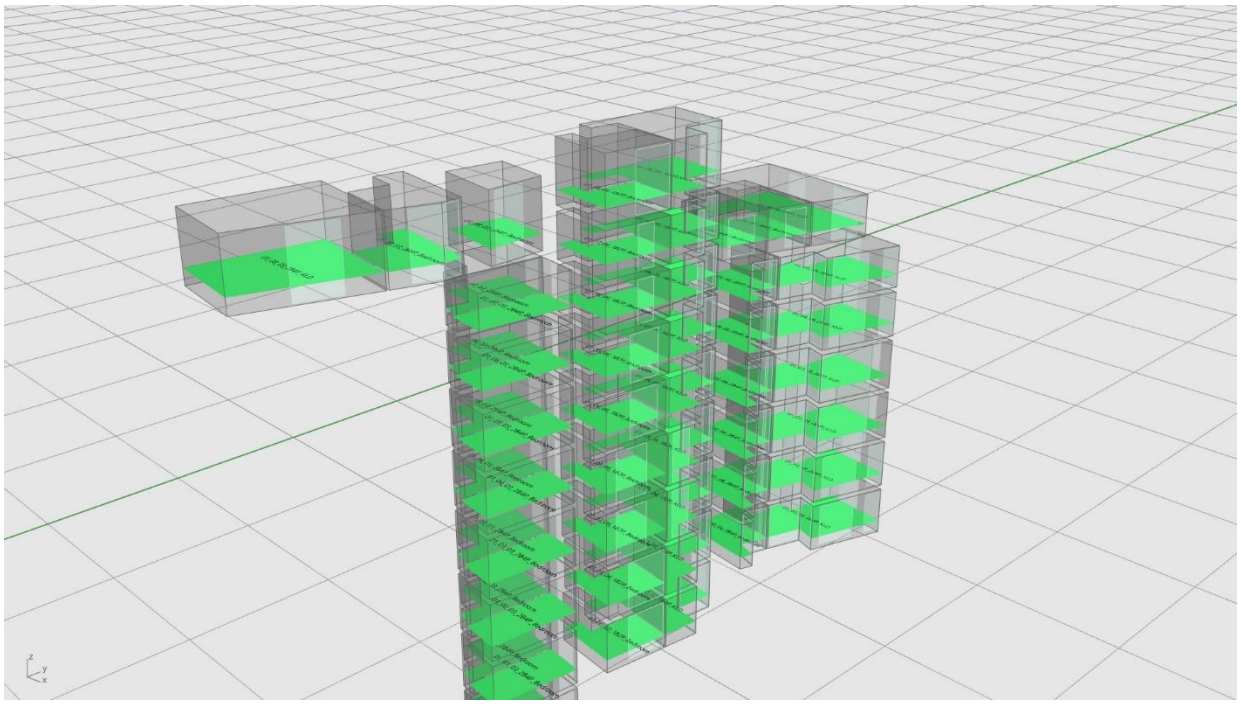
7.2 Consented Scheme 3164/23 (GRP Scheme)

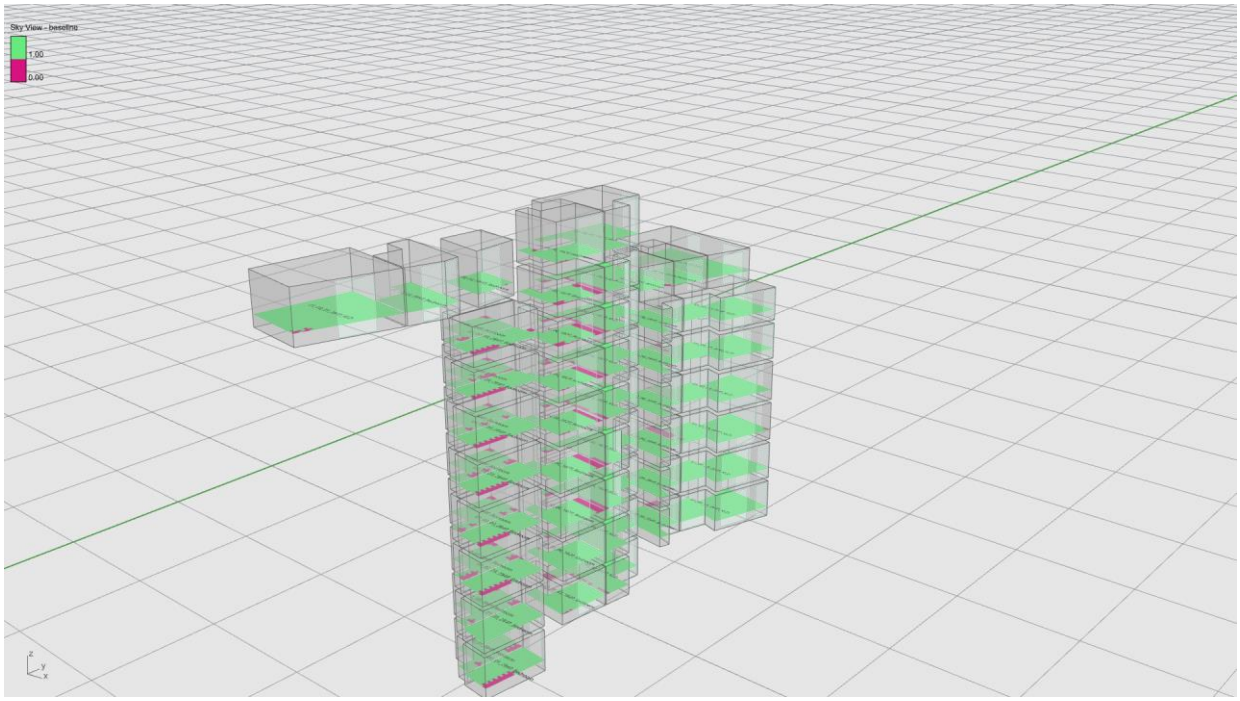
7.2.1 Block 1

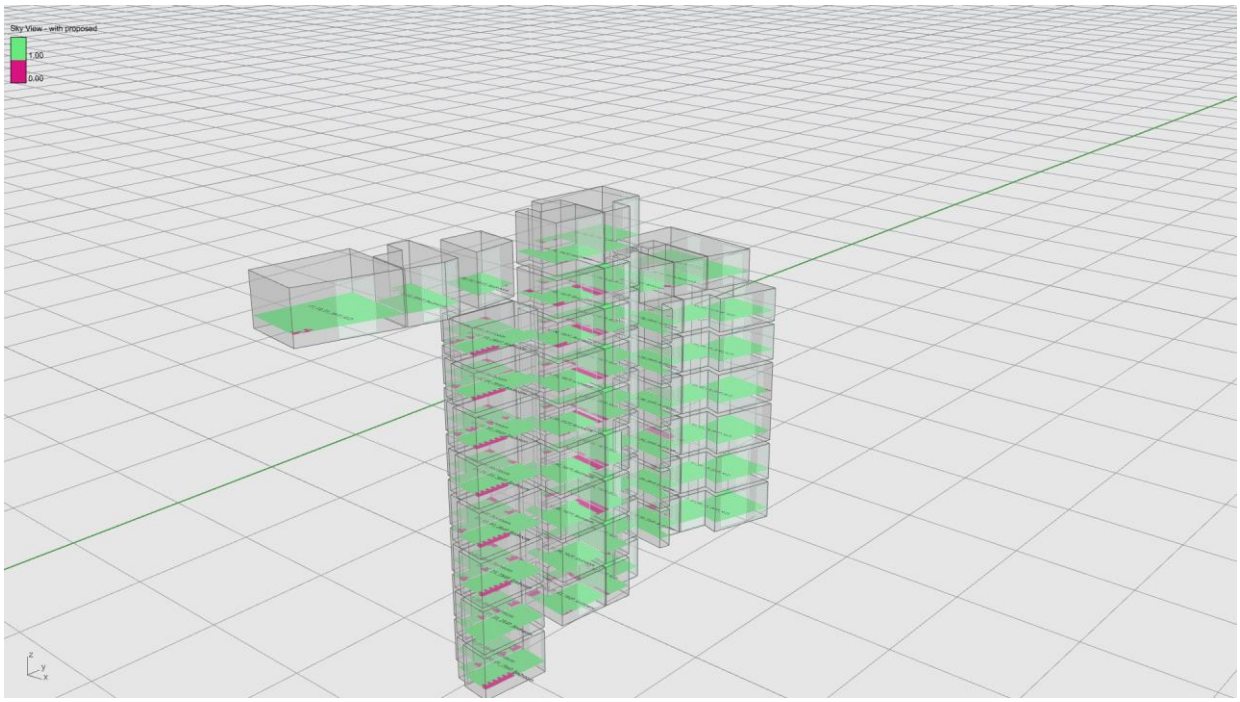
Only one test was carried out for this block as all rooms passed.

Test 2

Images







Results

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
01_08_03_2B4P_KLD	32.80	98.83	98.83	1.00	Pass
01_07_03_2B4P_Bedroom	10.93	90.70	90.70	1.00	Pass

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
01_07_03_2B4P_Bedroom	10.75	94.47	93.54	0.99	Pass
01_06_08_2B4P_Bedroom	11.73	97.93	97.93	1.00	Pass
01_06_08_2B4P_Bedroom	12.49	99.96	100.00	1.00	Pass
01_06_08_2B4P_KLD	35.64	98.48	100.00	1.02	Pass
01_08_06_1B2P_Bedroom	12.47	97.92	99.10	1.01	Pass
01_08_06_1B2P_KLD	22.35	100.00	98.94	0.99	Pass
01_08_03_2B4P_Bedroom	14.57	100.00	100.00	1.00	Pass
01_08_03_2B4P_Bedroom	10.15	99.44	99.44	1.00	Pass
01_05_08_2B4P_KLD	29.01	99.37	98.63	0.99	Pass
01_04_08_2B4P_KLD	29.01	97.99	99.86	1.02	Pass
01_03_08_2B4P_KLD	29.01	99.67	99.32	1.00	Pass
01_02_08_2B4P_KLD	29.01	91.30	91.61	1.00	Pass
01_01_08_2B4P_KLD	29.01	99.95	99.24	0.99	Pass
01_00_04_2B4P_KLD	29.01	96.41	97.49	1.01	Pass
01_05_08_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_04_08_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_03_08_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_02_08_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_01_08_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_00_04_2B4P_Bedroom	11.92	100.00	100.00	1.00	Pass
01_07_06_1B2P_Bedroom	12.49	82.70	80.60	0.97	Pass
01_06_06_1B2P_Bedroom	12.49	79.89	82.16	1.03	Pass
01_05_06_1B2P_Bedroom	12.49	86.43	86.43	1.00	Pass
01_03_06_1B2P_Bedroom	12.49	86.91	86.91	1.00	Pass
01_00_02_1B2P_Bedroom	12.49	99.14	94.66	0.95	Pass
01_02_06_1B2P_Bedroom	12.49	86.91	87.83	1.01	Pass
01_04_06_1B2P_Bedroom	12.07	90.24	90.24	1.00	Pass
01_01_06_1B2P_Bedroom	12.07	99.35	99.35	1.00	Pass
01_07_06_1B2P_KLD	22.35	93.47	94.68	1.01	Pass
01_06_06_1B2P_KLD	22.35	92.06	94.71	1.03	Pass
01_05_06_1B2P_KLD	22.35	94.02	93.97	1.00	Pass
01_04_06_1B2P_KLD	22.35	93.50	93.35	1.00	Pass
01_03_06_1B2P_KLD	22.35	94.95	94.56	1.00	Pass
01_02_06_1B2P_KLD	22.35	94.65	94.19	1.00	Pass
01_01_06_1B2P_KLD	22.35	99.26	99.26	1.00	Pass

Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
01_00_02_1B2P_KLD	22.35	94.50	93.62	0.99	Pass
01_06_03_2B4P_Bedroom	10.93	88.48	88.48	1.00	Pass
01_06_03_2B4P_Bedroom	10.75	89.66	93.15	1.04	Pass
01_05_03_2B4P_Bedroom	10.93	88.88	88.48	1.00	Pass
01_05_03_2B4P_Bedroom	10.75	93.30	89.35	0.96	Pass
01_04_03_2B4P_Bedroom	10.93	89.02	88.88	1.00	Pass
01_04_03_2B4P_Bedroom	10.75	89.41	96.12	1.08	Pass
01_03_03_2B4P_Bedroom	10.93	88.73	88.73	1.00	Pass
01_03_03_2B4P_Bedroom	10.75	91.33	92.50	1.01	Pass
01_02_03_2B4P_Bedroom	10.93	88.48	88.48	1.00	Pass
01_02_03_2B4P_Bedroom	10.75	88.48	90.66	1.02	Pass
01_01_03_2B4P_Bedroom	10.93	100.00	100.00	1.00	Pass
01_01_03_2B4P_Bedroom	10.75	92.76	91.25	0.98	Pass
01_00_01_2B4P_Bedroom	10.93	88.88	88.73	1.00	Pass
01_00_01_2B4P_Bedroom	10.75	90.92	91.25	1.00	Pass

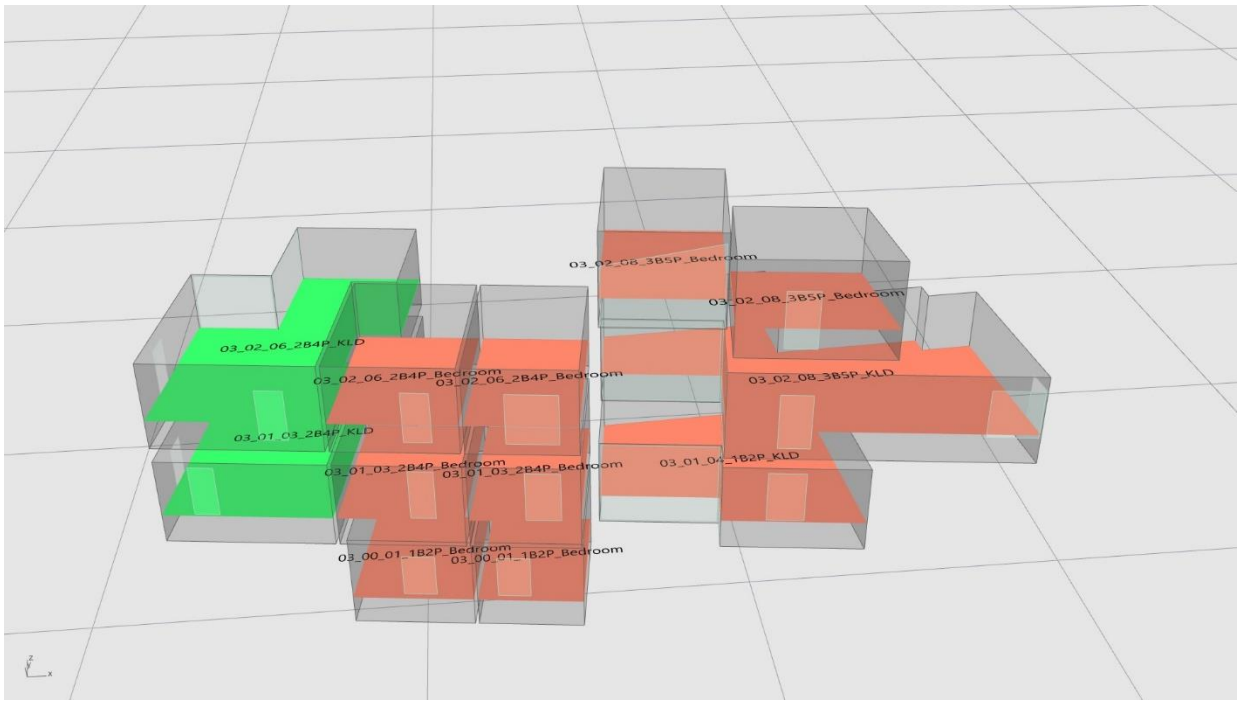
7.2.2 Block 3

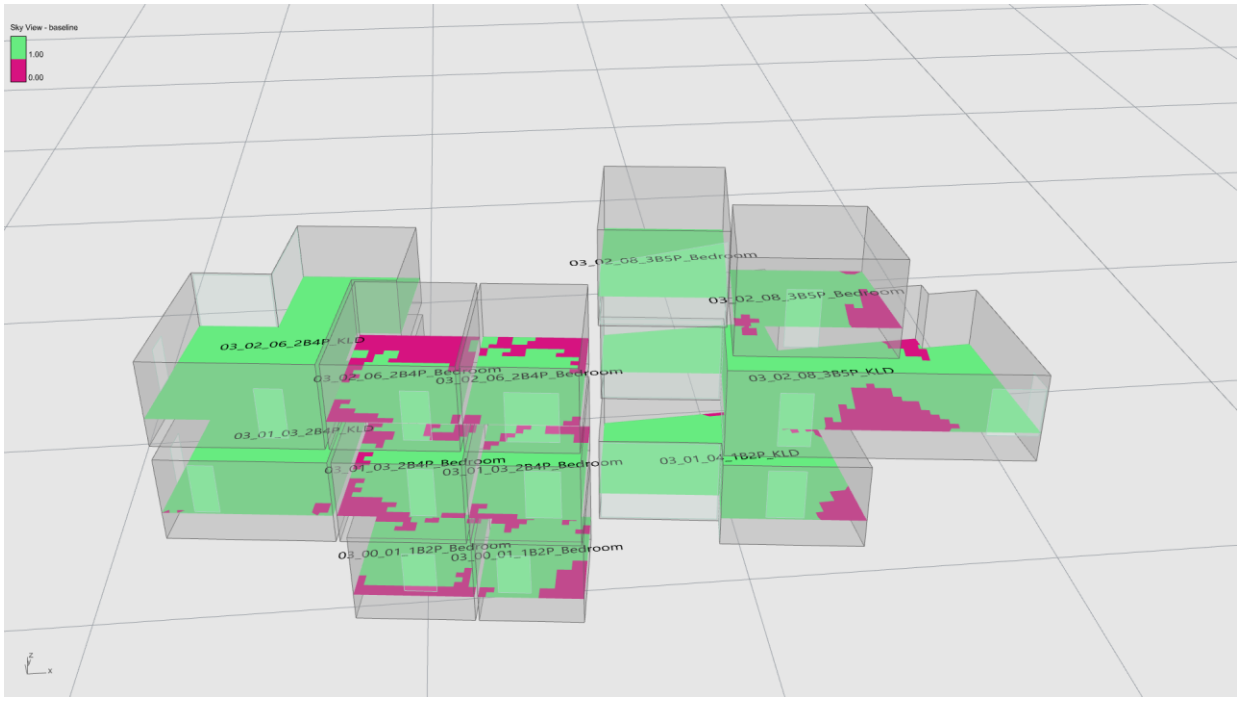
Summary

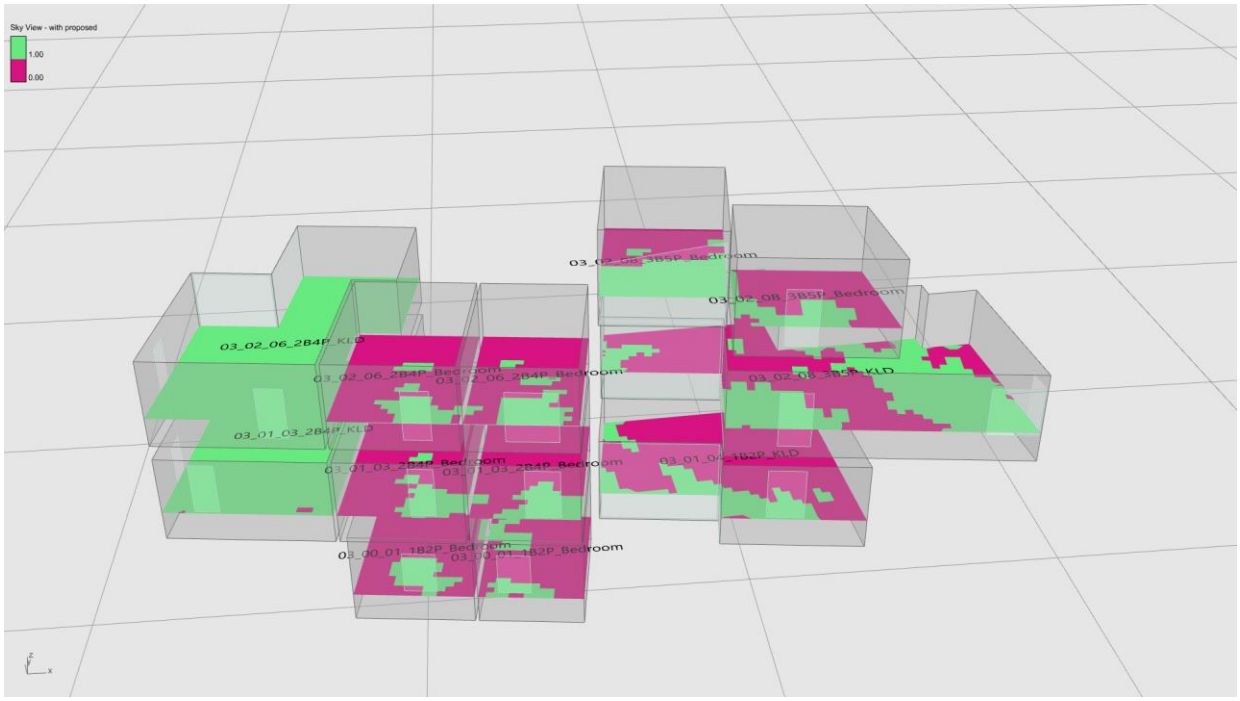
Total Rooms	**12**
Scenario	**Pass Rate (%)**
Test 1	16.7%
Test 2	33.3%

Test 2

Images





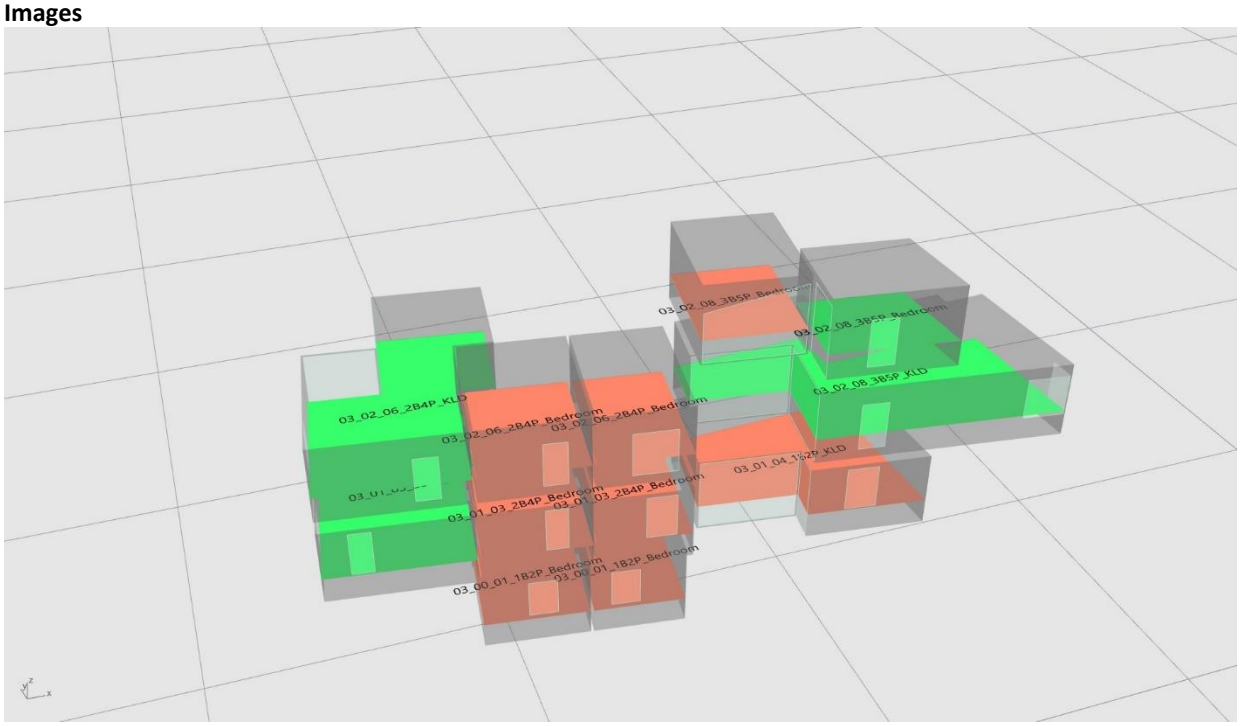


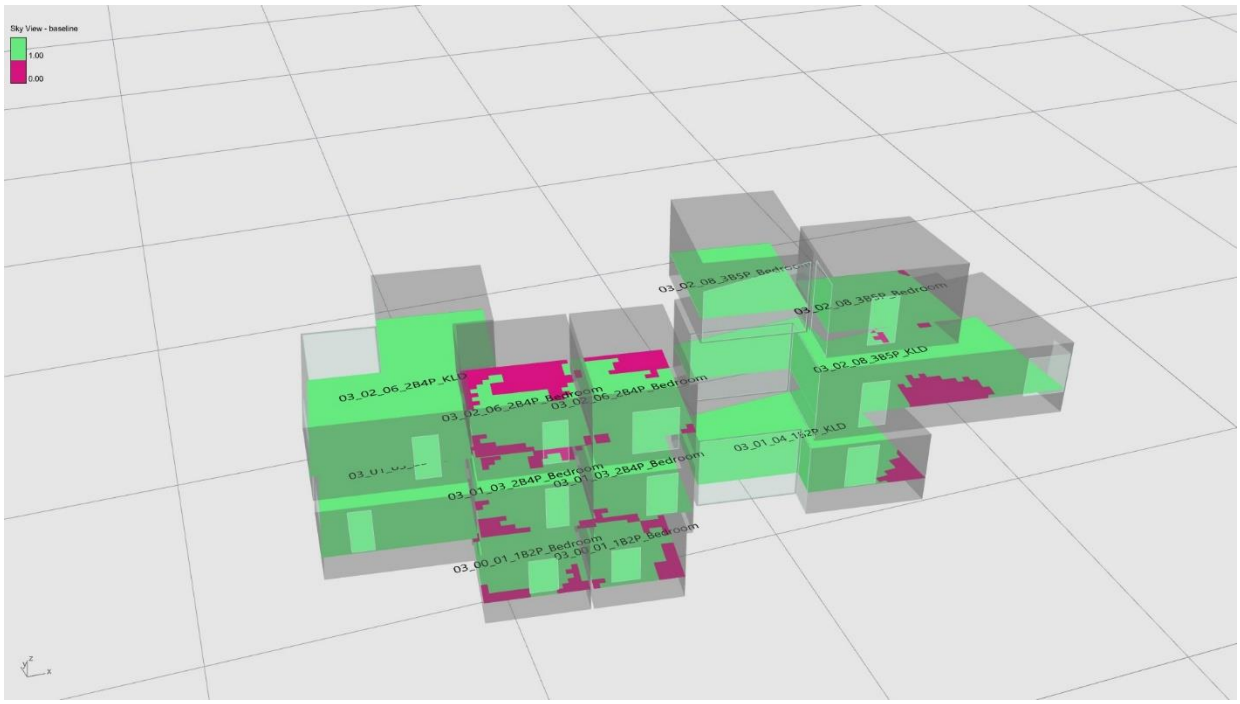
Results

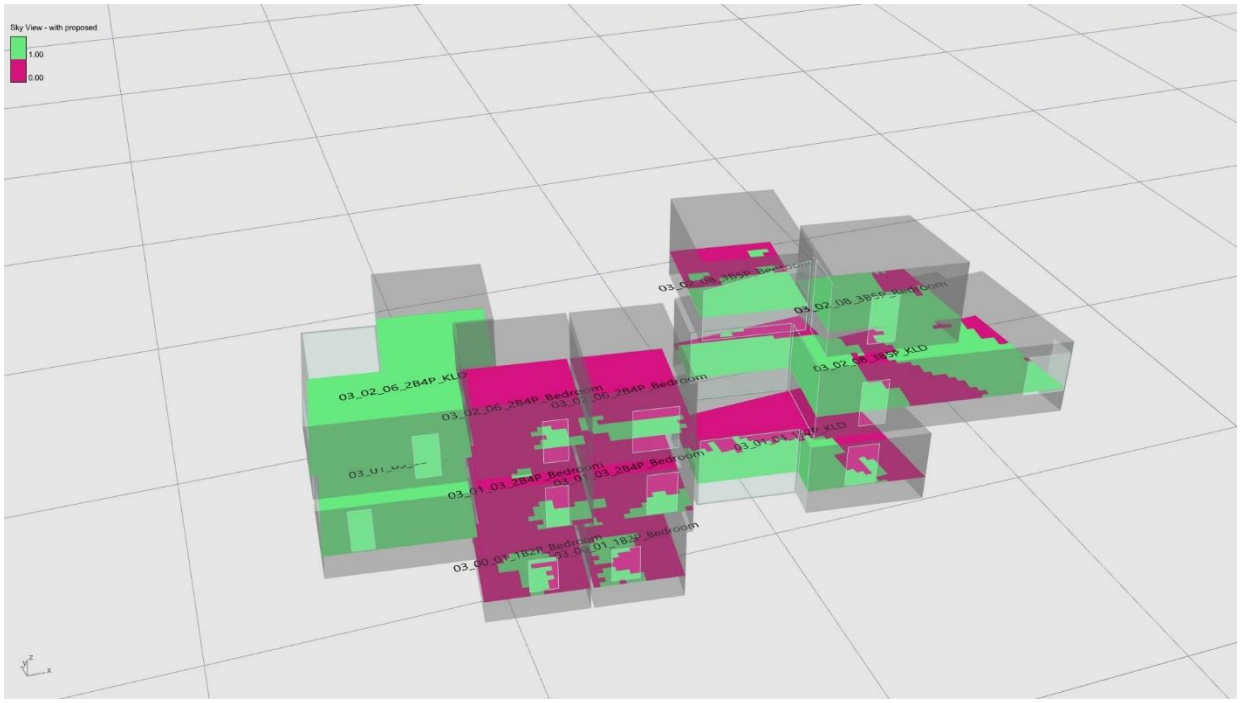
Room ID	Room Area(m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
03_02_08_3B5P_Bedroom	12.25	100.00	53.68	0.54	Fail
03_02_08_3B5P_Bedroom	10.52	82.22	29.08	0.35	Fail
03_02_06_2B4P_Bedroom	12.41	79.93	23.47	0.29	Fail
03_02_06_2B4P_Bedroom	14.15	60.12	16.67	0.28	Fail
03_02_06_2B4P_KLD	31.49	100.00	100.00	1.00	Pass
03_01_03_2B4P_KLD	31.49	99.18	99.70	1.01	Pass
03_01_03_2B4P_Bedroom	12.41	88.44	20.07	0.23	Fail
03_01_03_2B4P_Bedroom	14.15	77.38	16.37	0.21	Fail
03_02_08_3B5P_KLD	38.64	87.22	48.68	0.56	Fail
03_01_04_1B2P_KLD	27.96	92.36	19.04	0.21	Fail
03_00_01_1B2P_Bedroom	10.44	78.17	21.43	0.27	Fail
03_00_01_1B2P_Bedroom	11.92	78.47	18.75	0.24	Fail

Test 5

Images







Results

Room ID	Room Area (m^2)	Sky View Existing (%)	Sky View Proposed (%)	Reduction Factor	Pass/ Fail
03_02_08_3B5P_Bedroom	12.253	100.00	54.39	0.54	Fail
03_02_08_3B5P_Bedroom	10.52	99.38	87.08	0.88	Pass
03_02_06_2B4P_Bedroom	12.407	80.95	16.67	0.21	Fail
03_02_06_2B4P_Bedroom	14.153	61.31	7.74	0.13	Fail
03_02_06_2B4P_KLD	31.49	100.00	100.00	1.00	Pass
03_01_03_2B4P_KLD	31.49	100.00	100.00	1.00	Pass
03_01_03_2B4P_Bedroom	12.407	94.56	12.93	0.14	Fail
03_01_03_2B4P_Bedroom	14.153	80.65	12.20	0.15	Fail
03_02_08_3B5P_KLD	38.643	91.09	73.67	0.81	Pass
03_01_04_1B2P_KLD	27.958	95.86	35.48	0.37	Fail
03_00_01_1B2P_Bedroom	10.445	72.22	23.02	0.32	Fail
03_00_01_1B2P_Bedroom	11.915	82.29	21.53	0.26	Fail

8.0 APSH AND WPSH

Results for windows known to serve circulation spaces or non-habitable spaces have been omitted. Windows that do not face within 90° of due south have also been omitted, as it is not expected for these windows to receive direct sunlight

BRE APSH/WPSH: The recommendation for a room to appear adequately sunlit is for it to receive 25% of annual probable sunlight hours, including at least 5% of winter probable sunlight hours. It is recommended that reduction in sunlight access below these levels be kept to a minimum; if the available sunlight hours are both less than the percentages stated above and less than 0.80 times their former value in either period, and the overall annual loss is greater than 4% of APSH, then the reduction in sunlight may be noticeable.

8.1.1 Grand Canal Palace

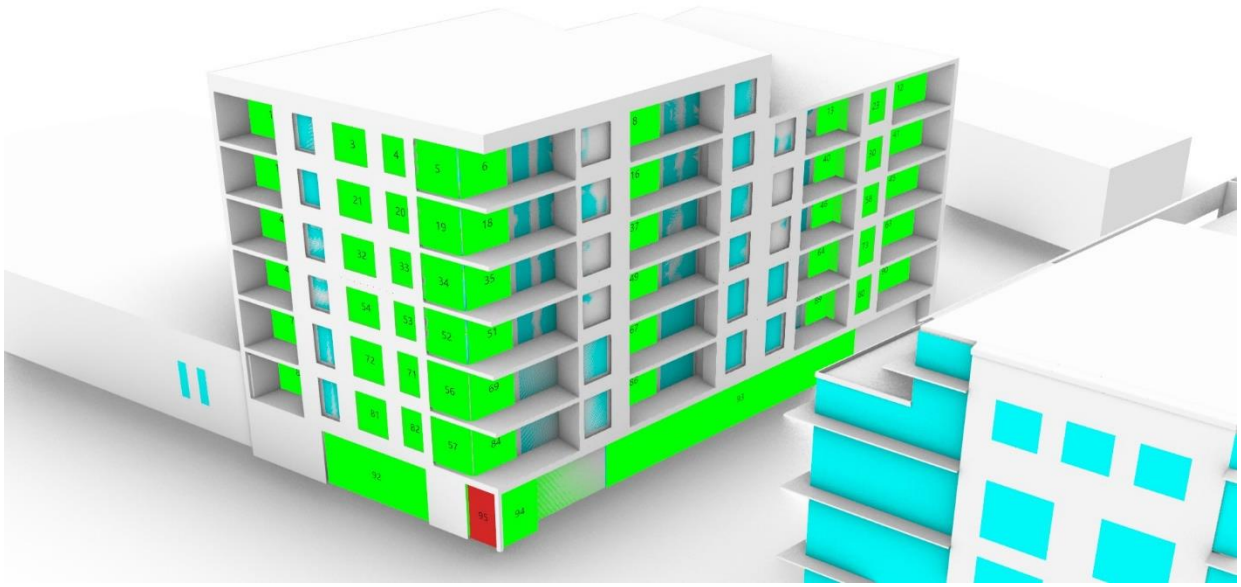
Summary

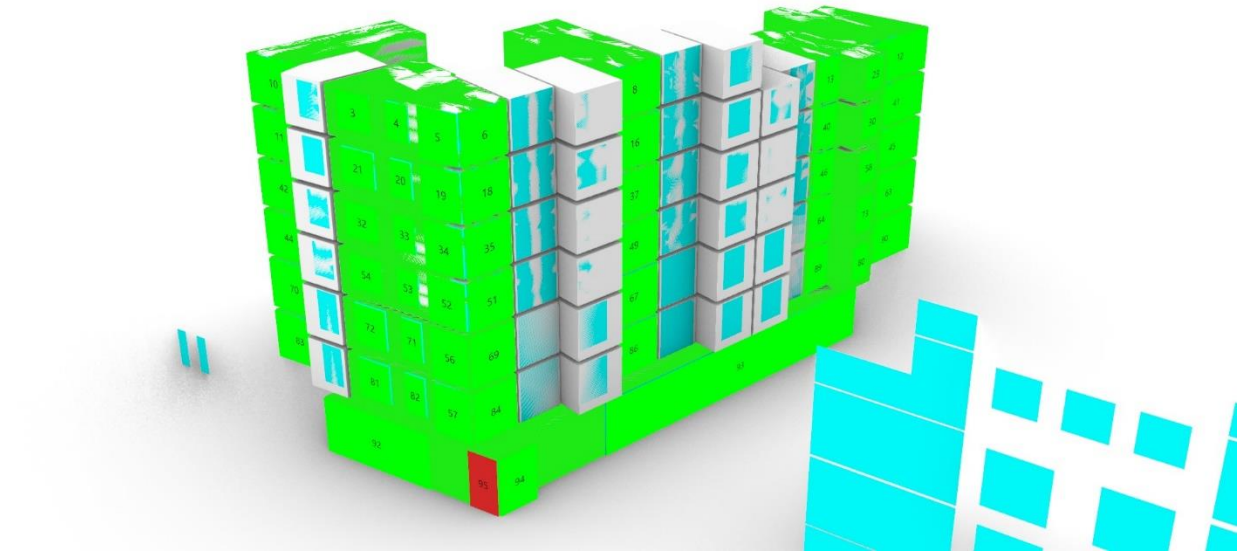
Total Windows	**55**
Total Rooms	**29**

Scenario	Window Pass Rate (%)	Room Pass Rate (%)
Test 1	98.2%	100.0%
Test 2	100.0%	100.0%
Test 3	94.5%	100.0%

Test 1

Images





Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
3	41.8	41.3	0.99	-0.5	12.9	12.4	0.96	Pass
4	43.0	42.3	0.98	-0.7	13.9	13.2	0.95	Pass
5	45.3	44.3	0.98	-0.9	16.1	15.1	0.94	Pass
6	44.3	43.2	0.98	-1.1	29.9	28.8	0.96	Pass
8	30.0	28.9	0.96	-1.1	28.6	27.5	0.96	Pass
10	24.2	24.2	1.00	0.0	5.0	5.0	1.00	Pass
11	23.6	23.6	1.00	0.0	4.7	4.7	1.00	Pass
12	29.9	27.9	0.93	-2.1	28.2	26.1	0.93	Pass
13	22.8	20.7	0.91	-2.1	20.7	18.6	0.90	Pass
16	29.8	27.0	0.90	-2.8	27.7	24.9	0.90	Pass
18	42.7	40.5	0.95	-2.2	28.6	26.4	0.92	Pass
19	44.7	43.1	0.96	-1.7	15.7	14.1	0.89	Pass
20	42.3	41.3	0.98	-1.1	13.5	12.4	0.92	Pass
21	41.2	40.3	0.98	-0.9	12.5	11.6	0.93	Pass
23	62.7	60.5	0.96	-2.2	31.8	29.6	0.93	Pass
30	57.0	56.6	0.99	-0.4	26.1	25.7	0.98	Pass
32	40.6	37.9	0.93	-2.7	12.2	9.5	0.78	Pass
33	41.6	38.5	0.93	-3.1	13.1	10.1	0.77	Pass
34	44.0	40.3	0.92	-3.7	15.4	11.7	0.76	Pass
35	40.8	36.5	0.89	-4.3	27.0	22.7	0.84	Pass
37	27.2	23.8	0.88	-3.4	25.2	21.8	0.87	Pass
40	19.5	18.7	0.96	-0.8	17.4	16.6	0.96	Pass
41	25.7	25.2	0.98	-0.5	24.0	23.5	0.98	Pass
42	22.9	22.9	1.00	0.0	4.3	4.3	1.00	Pass
44	21.8	21.8	1.00	0.0	3.4	3.4	1.00	Pass
45	17.7	17.7	1.00	0.0	16.0	16.0	1.00	Pass
46	13.8	13.5	0.98	-0.3	11.7	11.4	0.97	Pass
49	20.1	16.8	0.84	-3.3	18.2	14.9	0.82	Pass
51	35.3	30.4	0.86	-4.9	21.8	16.9	0.78	Pass
52	42.9	38.3	0.89	-4.6	14.6	9.9	0.68	Pass
53	40.5	36.3	0.90	-4.2	12.3	8.1	0.66	Pass
54	39.5	35.7	0.90	-3.8	11.4	7.6	0.67	Pass
56	41.0	35.9	0.87	-5.2	14.1	9.0	0.63	Pass
57	36.8	32.0	0.87	-4.8	12.6	7.8	0.62	Pass
58	48.4	48.3	1.00	-0.1	17.5	17.4	0.99	Pass
63	13.7	13.6	0.99	-0.1	10.5	10.4	0.99	Pass
64	10.7	10.4	0.97	-0.4	7.1	6.8	0.95	Pass
67	16.6	13.3	0.80	-3.4	13.7	10.3	0.76	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
69	33.9	28.9	0.85	-5.0	19.1	14.1	0.74	Pass
70	20.9	20.9	1.00	0.0	2.9	2.9	1.00	Pass
71	38.9	34.0	0.87	-4.9	12.0	7.1	0.59	Pass
72	38.2	33.5	0.87	-4.8	11.0	6.2	0.57	Pass
73	41.3	41.2	1.00	-0.1	11.0	10.9	0.99	Pass
80	35.3	35.1	0.99	-0.2	5.7	5.5	0.97	Pass
81	33.7	29.3	0.87	-4.5	9.6	5.2	0.54	Pass
82	35.3	30.7	0.87	-4.5	10.3	5.8	0.56	Pass
83	19.4	19.4	1.00	0.0	2.2	2.2	1.00	Pass
84	29.9	25.1	0.84	-4.8	15.8	11.0	0.70	Pass
86	12.0	9.6	0.80	-2.4	9.1	6.7	0.74	Pass
89	7.0	6.5	0.94	-0.4	3.4	2.9	0.87	Pass
90	7.7	7.7	1.00	0.0	4.7	4.7	1.00	Pass
92	33.9	30.1	0.89	-3.8	11.5	7.6	0.67	Pass
93	32.3	31.4	0.97	-0.9	4.5	3.6	0.81	Pass
94	48.6	43.9	0.90	-4.8	13.6	8.8	0.65	Pass
95	29.3	24.8	0.85	-4.5	7.9	3.5	0.44	Fail

Room Name	Pass?
GCB_06_27_2B4P_KLD	TRUE
GCB_06_28_2B4P_KLD	TRUE
GCB_06_26_1B2P_KLD	TRUE
GCB_05_21_1B2P_KLD	TRUE
GCB_05_25_2B4P_KLD	TRUE
GCB_05_24_2B4P_KLD	TRUE
GCB_05_23_2B4P_KLD	TRUE
GCB_05_22_2B4P_KLD	TRUE
GCB_04_19_2B4P_KLD	TRUE
GCB_04_17_2B4P_KLD	TRUE
GCB_04_18_2B4P_KLD	TRUE
GCB_04_20_2B4P_KLD	TRUE
GCB_04_16_1B2P_KLD	TRUE
GCB_03_11_1B2P_KLD	TRUE
GCB_03_15_2B4P_KLD	TRUE
GCB_03_14_2B4P_KLD	TRUE
GCB_03_13_2B4P_KLD	TRUE

Room Name	Pass?
GCB_03_12_2B4P_KLD	TRUE
GCB_02_07_2B4P_KLD	TRUE
GCB_01_02_2B4P_KLD	TRUE
GCB_02_10_2B4P_KLD	TRUE
GCB_02_09_2B4P_KLD	TRUE
GCB_02_08_2B4P_KLD	TRUE
GCB_02_06_1B2P_KLD	TRUE
GCB_01_04_2B4P_KLD	TRUE
GCB_01_01_1B2P_KLD	TRUE
GCB_01_03_2B4P_KLD	TRUE
GCB_01_05_2B4P_KLD	TRUE
GCP_00_00_Office_Living	TRUE

Test 2

Images

Results

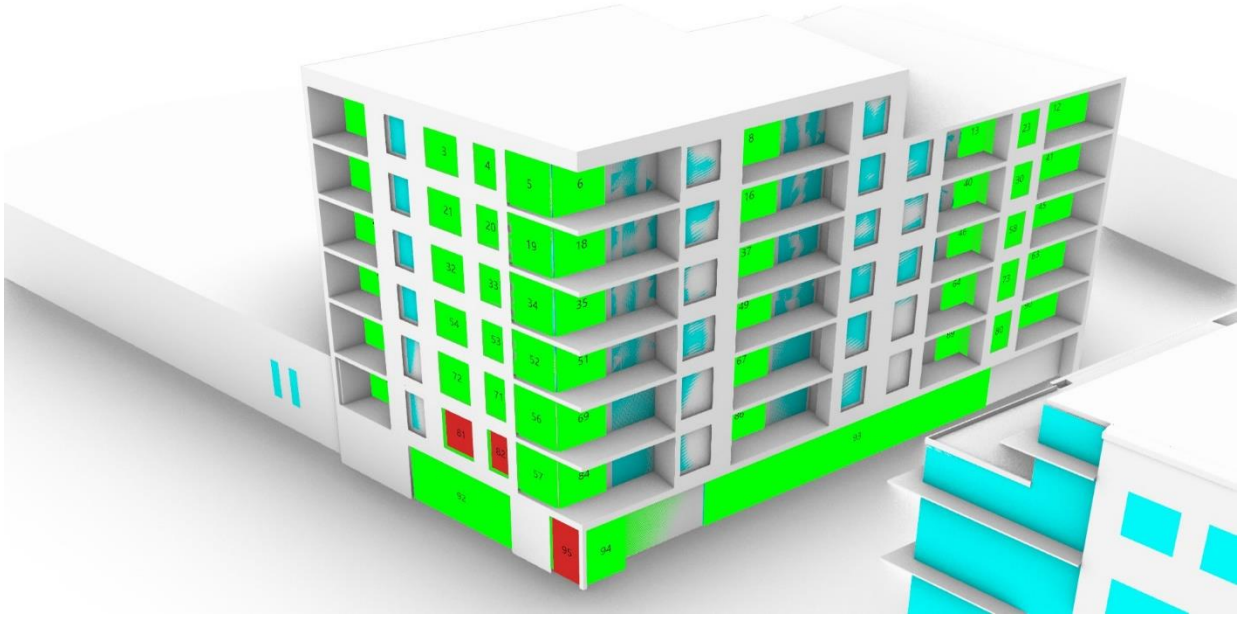
Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
3	40.2	40.2	1.00	0.0	11.2	11.2	1.00	Pass
4	41.3	41.3	1.00	0.0	12.3	12.3	1.00	Pass
5	44.0	43.8	0.99	-0.2	14.8	14.6	0.98	Pass
6	42.7	42.5	0.99	-0.2	28.4	28.1	0.99	Pass
8	29.4	28.3	0.96	-1.1	28.0	26.9	0.96	Pass
10	22.5	22.5	1.00	0.0	3.4	3.4	1.00	Pass
11	21.7	21.7	1.00	0.0	2.7	2.7	1.00	Pass
12	29.4	27.5	0.94	-1.9	27.6	25.8	0.93	Pass
13	22.1	20.3	0.92	-1.8	20.0	18.2	0.91	Pass
16	29.1	26.7	0.92	-2.4	27.1	24.6	0.91	Pass
18	41.1	39.7	0.97	-1.3	26.9	25.6	0.95	Pass
19	42.9	42.3	0.99	-0.6	13.9	13.3	0.96	Pass
20	40.2	40.2	1.00	0.0	11.4	11.4	1.00	Pass
21	39.2	39.2	1.00	0.0	10.4	10.4	1.00	Pass
23	62.0	59.9	0.97	-2.1	31.1	29.0	0.93	Pass
30	56.3	56.1	1.00	-0.2	25.4	25.2	0.99	Pass
32	38.4	36.8	0.96	-1.7	10.0	8.3	0.83	Pass
33	39.4	37.5	0.95	-1.9	11.0	9.0	0.82	Pass
34	41.8	39.5	0.95	-2.3	13.2	10.9	0.83	Pass

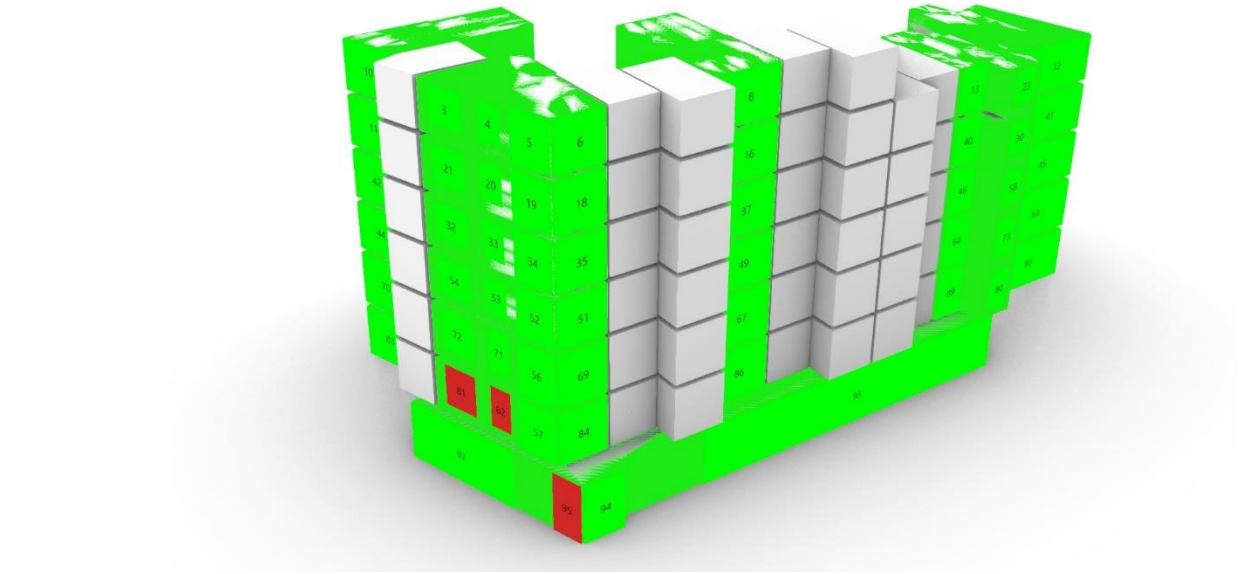
Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
35	39.3	35.8	0.91	-3.5	25.5	22.0	0.86	Pass
37	26.6	23.7	0.89	-2.9	24.5	21.6	0.88	Pass
40	18.8	18.3	0.97	-0.5	16.7	16.2	0.97	Pass
41	25.0	24.8	0.99	-0.2	23.3	23.0	0.99	Pass
42	20.9	20.9	1.00	0.0	2.3	2.3	1.00	Pass
44	20.1	20.1	1.00	0.0	1.7	1.7	1.00	Pass
45	17.5	17.5	1.00	0.0	15.7	15.7	1.00	Pass
46	13.3	13.2	1.00	0.0	11.1	11.1	1.00	Pass
49	19.4	16.6	0.86	-2.8	17.4	14.6	0.84	Pass
51	34.2	29.6	0.86	-4.6	20.7	16.1	0.78	Pass
52	40.9	37.2	0.91	-3.6	12.5	8.9	0.71	Pass
53	38.5	35.1	0.91	-3.4	10.3	6.9	0.67	Pass
54	37.6	34.6	0.92	-3.0	9.4	6.5	0.68	Pass
56	39.0	34.7	0.89	-4.4	12.2	7.8	0.64	Pass
57	34.5	31.1	0.90	-3.4	10.3	6.9	0.67	Pass
58	47.9	47.9	1.00	0.0	17.0	17.0	1.00	Pass
63	13.3	13.3	1.00	0.0	10.1	10.1	1.00	Pass
64	10.3	10.3	1.00	0.0	6.7	6.7	1.00	Pass
67	15.6	13.0	0.83	-2.6	12.7	10.1	0.80	Pass
69	32.6	28.0	0.86	-4.6	17.7	13.2	0.74	Pass
70	19.3	19.3	1.00	0.0	1.3	1.3	1.00	Pass
71	36.8	32.8	0.89	-4.0	9.9	5.9	0.59	Pass
72	36.3	32.3	0.89	-4.0	9.1	5.1	0.56	Pass
73	40.7	40.7	1.00	0.0	10.6	10.6	1.00	Pass
80	34.9	34.9	1.00	0.0	5.3	5.3	1.00	Pass
81	31.7	28.2	0.89	-3.5	7.6	4.2	0.55	Pass
82	33.3	29.8	0.89	-3.5	8.4	4.9	0.58	Pass
83	18.0	18.0	1.00	0.0	0.8	0.8	1.00	Pass
84	27.5	24.1	0.88	-3.3	13.5	10.2	0.75	Pass
86	11.1	9.4	0.85	-1.7	8.2	6.5	0.80	Pass
89	6.5	6.2	0.96	-0.2	2.9	2.7	0.91	Pass
90	7.5	7.5	1.00	0.0	4.4	4.4	1.00	Pass
92	32.3	29.4	0.91	-2.9	9.9	7.0	0.70	Pass
93	31.1	30.7	0.99	-0.4	3.7	3.4	0.90	Pass
94	46.6	43.1	0.93	-3.5	12.0	8.6	0.71	Pass
95	27.2	23.9	0.88	-3.4	6.3	3.0	0.47	Pass

Room Name	Pass?
GCB_06_27_2B4P_KLD	TRUE
GCB_06_28_2B4P_KLD	TRUE
GCB_06_26_1B2P_KLD	TRUE
GCB_05_21_1B2P_KLD	TRUE
GCB_05_25_2B4P_KLD	TRUE
GCB_05_24_2B4P_KLD	TRUE
GCB_05_23_2B4P_KLD	TRUE
GCB_05_22_2B4P_KLD	TRUE
GCB_04_19_2B4P_KLD	TRUE
GCB_04_17_2B4P_KLD	TRUE
GCB_04_18_2B4P_KLD	TRUE
GCB_04_20_2B4P_KLD	TRUE
GCB_04_16_1B2P_KLD	TRUE
GCB_03_11_1B2P_KLD	TRUE
GCB_03_15_2B4P_KLD	TRUE
GCB_03_14_2B4P_KLD	TRUE
GCB_03_13_2B4P_KLD	TRUE
GCB_03_12_2B4P_KLD	TRUE
GCB_02_07_2B4P_KLD	TRUE
GCB_01_02_2B4P_KLD	TRUE
GCB_02_10_2B4P_KLD	TRUE
GCB_02_09_2B4P_KLD	TRUE
GCB_02_08_2B4P_KLD	TRUE
GCB_02_06_1B2P_KLD	TRUE
GCB_01_04_2B4P_KLD	TRUE
GCB_01_01_1B2P_KLD	TRUE
GCB_01_03_2B4P_KLD	TRUE
GCB_01_05_2B4P_KLD	TRUE
GCP_00_00_Office_Living	TRUE

Test 3

Images





Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
3	41.8	40.2	0.96	-1.7	12.9	11.2	0.87	Pass
4	43.0	41.3	0.96	-1.6	13.9	12.3	0.88	Pass
5	45.3	43.8	0.97	-1.5	16.1	14.6	0.91	Pass
6	44.3	42.5	0.96	-1.8	29.9	28.1	0.94	Pass
8	30.0	28.3	0.94	-1.7	28.6	26.9	0.94	Pass
10	24.2	22.5	0.93	-1.6	5.0	3.4	0.68	Pass
11	23.6	21.7	0.92	-1.9	4.7	2.7	0.58	Pass
12	29.9	27.5	0.92	-2.4	28.2	25.8	0.91	Pass
13	22.8	20.3	0.89	-2.5	20.7	18.2	0.88	Pass
16	29.8	26.7	0.90	-3.1	27.7	24.6	0.89	Pass
18	42.7	39.7	0.93	-3.0	28.6	25.6	0.90	Pass
19	44.7	42.3	0.95	-2.4	15.7	13.3	0.85	Pass
20	42.3	40.2	0.95	-2.1	13.5	11.4	0.85	Pass
21	41.2	39.2	0.95	-2.1	12.5	10.4	0.83	Pass
23	62.7	59.9	0.96	-2.7	31.8	29.0	0.91	Pass
30	57.0	56.1	0.98	-0.9	26.1	25.2	0.96	Pass
32	40.6	36.8	0.91	-3.8	12.2	8.3	0.68	Pass
33	41.6	37.5	0.90	-4.1	13.1	9.0	0.69	Pass
34	44.0	39.5	0.90	-4.5	15.4	10.9	0.71	Pass
35	40.8	35.8	0.88	-5.0	27.0	22.0	0.82	Pass
37	27.2	23.7	0.87	-3.5	25.2	21.6	0.86	Pass
40	19.5	18.3	0.94	-1.2	17.4	16.2	0.93	Pass
41	25.7	24.8	0.96	-0.9	24.0	23.0	0.96	Pass
42	22.9	20.9	0.91	-2.0	4.3	2.3	0.53	Pass
44	21.8	20.1	0.92	-1.8	3.4	1.7	0.49	Pass
45	17.7	17.5	0.99	-0.2	16.0	15.7	0.99	Pass
46	13.8	13.2	0.96	-0.6	11.7	11.1	0.95	Pass
49	20.1	16.6	0.83	-3.5	18.2	14.6	0.81	Pass
51	35.3	29.6	0.84	-5.7	21.8	16.1	0.74	Pass
52	42.9	37.2	0.87	-5.7	14.6	8.9	0.61	Pass
53	40.5	35.1	0.87	-5.4	12.3	6.9	0.56	Pass
54	39.5	34.6	0.88	-4.9	11.4	6.5	0.57	Pass
56	41.0	34.7	0.85	-6.3	14.1	7.8	0.55	Pass
57	36.8	31.1	0.84	-5.7	12.6	6.9	0.55	Pass
58	48.4	47.9	0.99	-0.5	17.5	17.0	0.97	Pass
63	13.7	13.3	0.97	-0.4	10.5	10.1	0.96	Pass
64	10.7	10.3	0.96	-0.5	7.1	6.7	0.93	Pass
67	16.6	13.0	0.78	-3.6	13.7	10.1	0.74	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
69	33.9	28.0	0.83	-5.9	19.1	13.2	0.69	Pass
70	20.9	19.3	0.92	-1.7	2.9	1.3	0.43	Pass
71	38.9	32.8	0.84	-6.1	12.0	5.9	0.49	Pass
72	38.2	32.3	0.84	-5.9	11.0	5.1	0.46	Pass
73	41.3	40.7	0.98	-0.6	11.0	10.6	0.96	Pass
80	35.3	34.9	0.99	-0.4	5.7	5.3	0.93	Pass
81	33.7	28.2	0.84	-5.5	9.6	4.2	0.43	Fail
82	35.3	29.8	0.85	-5.4	10.3	4.9	0.47	Fail
83	19.4	18.0	0.93	-1.4	2.2	0.8	0.37	Pass
84	29.9	24.1	0.81	-5.7	15.8	10.2	0.65	Pass
86	12.0	9.4	0.78	-2.6	9.1	6.5	0.71	Pass
89	7.0	6.2	0.89	-0.7	3.4	2.7	0.80	Pass
90	7.7	7.5	0.96	-0.3	4.7	4.4	0.94	Pass
92	33.9	29.4	0.87	-4.5	11.5	7.0	0.61	Pass
93	32.3	30.7	0.95	-1.6	4.5	3.4	0.75	Pass
94	48.6	43.1	0.89	-5.5	13.6	8.6	0.63	Pass
95	29.3	23.9	0.82	-5.4	7.9	3.0	0.38	Fail

Room Name	Pass?
GCB_06_27_2B4P_KLD	TRUE
GCB_06_28_2B4P_KLD	TRUE
GCB_06_26_1B2P_KLD	TRUE
GCB_05_21_1B2P_KLD	TRUE
GCB_05_25_2B4P_KLD	TRUE
GCB_05_24_2B4P_KLD	TRUE
GCB_05_23_2B4P_KLD	TRUE
GCB_05_22_2B4P_KLD	TRUE
GCB_04_19_2B4P_KLD	TRUE
GCB_04_17_2B4P_KLD	TRUE
GCB_04_18_2B4P_KLD	TRUE
GCB_04_20_2B4P_KLD	TRUE
GCB_04_16_1B2P_KLD	TRUE
GCB_03_11_1B2P_KLD	TRUE
GCB_03_15_2B4P_KLD	TRUE
GCB_03_14_2B4P_KLD	TRUE
GCB_03_13_2B4P_KLD	TRUE

Room Name	Pass?
GCB_03_12_2B4P_KLD	TRUE
GCB_02_07_2B4P_KLD	TRUE
GCB_01_02_2B4P_KLD	TRUE
GCB_02_10_2B4P_KLD	TRUE
GCB_02_09_2B4P_KLD	TRUE
GCB_02_08_2B4P_KLD	TRUE
GCB_02_06_1B2P_KLD	TRUE
GCB_01_04_2B4P_KLD	TRUE
GCB_01_01_1B2P_KLD	TRUE
GCB_01_03_2B4P_KLD	TRUE
GCB_01_05_2B4P_KLD	TRUE
GCP_00_00_Office_Living	TRUE

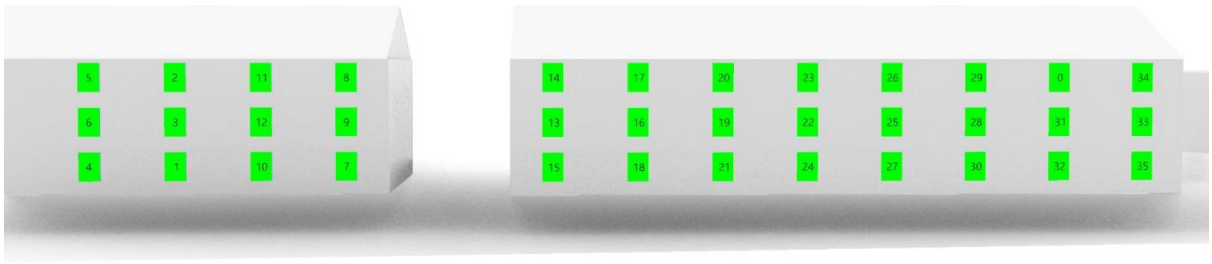
8.1.2 9-14 Boyne Street

Summary

Total Windows	36
Scenario	Window Pass Rate (%)
Test 1	100.0%
Test 2	100.0%
Test 3	100.0%

Test 1

Images



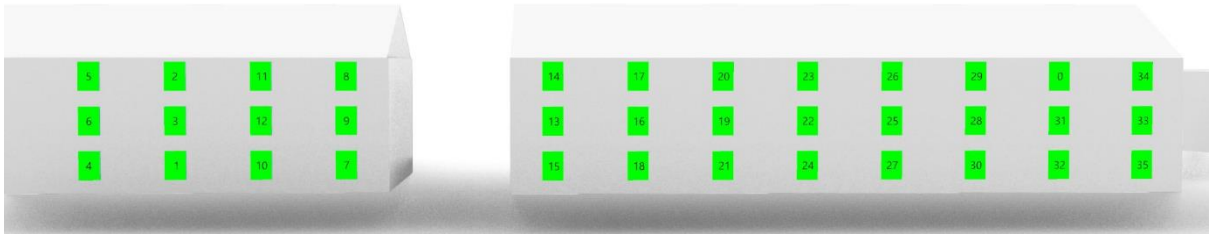
Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	60.7	56.1	0.92	-4.6	22.9	18.3	0.80	Pass
1	49.9	48.0	0.96	-2.0	14.8	12.9	0.87	Pass
2	55.7	53.0	0.95	-2.7	18.9	16.2	0.86	Pass
3	53.4	50.3	0.94	-3.0	17.2	14.1	0.82	Pass
4	49.5	47.3	0.96	-2.2	14.8	12.6	0.85	Pass
5	55.4	52.5	0.95	-2.9	18.6	15.6	0.84	Pass
6	52.0	49.3	0.95	-2.6	16.3	13.6	0.84	Pass
7	49.6	47.6	0.96	-2.0	15.1	13.1	0.87	Pass
8	58.1	54.8	0.94	-3.3	20.8	17.5	0.84	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
9	54.0	50.5	0.93	-3.5	18.2	14.7	0.81	Pass
10	49.3	47.7	0.97	-1.5	14.6	13.1	0.90	Pass
11	56.9	53.9	0.95	-3.0	19.9	16.9	0.85	Pass
12	53.4	50.8	0.95	-2.6	17.4	14.8	0.85	Pass
13	55.4	52.5	0.95	-2.9	18.4	15.5	0.84	Pass
14	59.5	56.1	0.94	-3.4	21.6	18.2	0.84	Pass
15	50.4	48.1	0.96	-2.3	14.0	11.8	0.84	Pass
16	55.0	53.5	0.97	-1.5	17.7	16.2	0.91	Pass
17	59.8	56.5	0.94	-3.4	21.7	18.4	0.85	Pass
18	49.8	49.4	0.99	-0.4	13.5	13.0	0.97	Pass
19	55.3	52.9	0.96	-2.4	18.0	15.6	0.87	Pass
20	60.7	56.5	0.93	-4.1	22.8	18.7	0.82	Pass
21	50.3	50.1	1.00	-0.2	13.9	13.7	0.99	Pass
22	53.2	51.1	0.96	-2.0	15.8	13.8	0.87	Pass
23	60.1	55.6	0.93	-4.5	22.4	17.9	0.80	Pass
24	47.0	46.7	0.99	-0.3	10.6	10.3	0.97	Pass
25	53.2	50.9	0.96	-2.3	15.9	13.6	0.85	Pass
26	60.6	55.7	0.92	-4.8	22.9	18.1	0.79	Pass
27	47.1	46.9	1.00	-0.2	10.4	10.2	0.98	Pass
28	53.5	51.2	0.96	-2.2	16.1	13.9	0.86	Pass
29	60.6	57.0	0.94	-3.6	22.8	19.2	0.84	Pass
30	47.1	46.9	0.99	-0.2	10.4	10.2	0.98	Pass
31	53.2	50.6	0.95	-2.6	15.9	13.4	0.84	Pass
32	46.9	46.4	0.99	-0.5	10.3	9.9	0.96	Pass
33	54.2	51.6	0.95	-2.6	16.7	14.1	0.84	Pass
34	61.8	56.2	0.91	-5.6	23.9	18.3	0.77	Pass
35	46.7	46.4	0.99	-0.3	10.0	9.7	0.97	Pass

Test 2

Images



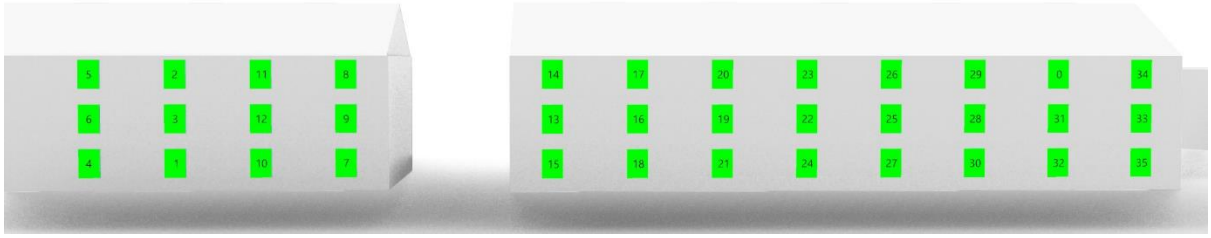
Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	56.9	52.4	0.92	-4.4	19.0	14.6	0.77	Pass
1	45.8	45.2	0.99	-0.6	10.7	10.1	0.95	Pass
2	52.2	50.3	0.96	-1.8	15.3	13.5	0.88	Pass
3	48.9	47.7	0.98	-1.2	12.7	11.5	0.91	Pass
4	44.4	44.0	0.99	-0.4	9.7	9.3	0.95	Pass
5	51.4	49.7	0.97	-1.7	14.6	12.9	0.89	Pass
6	47.3	46.3	0.98	-1.0	11.6	10.6	0.91	Pass
7	46.2	45.0	0.97	-1.2	11.7	10.5	0.90	Pass
8	54.1	51.9	0.96	-2.1	16.8	14.7	0.87	Pass
9	50.0	47.9	0.96	-2.1	14.2	12.1	0.85	Pass
10	44.9	44.6	0.99	-0.3	10.2	10.0	0.97	Pass
11	53.9	51.7	0.96	-2.2	16.8	14.7	0.87	Pass
12	49.0	48.2	0.98	-0.8	13.0	12.2	0.94	Pass
13	51.1	48.2	0.94	-2.9	14.1	11.2	0.79	Pass
14	55.0	51.6	0.94	-3.4	17.1	13.7	0.80	Pass
15	47.7	45.4	0.95	-2.3	11.3	9.1	0.80	Pass
16	50.2	48.9	0.97	-1.3	13.0	11.7	0.90	Pass
17	55.0	51.7	0.94	-3.4	16.9	13.6	0.80	Pass
18	45.8	45.7	1.00	-0.2	9.5	9.3	0.98	Pass
19	50.9	48.6	0.95	-2.4	13.6	11.2	0.82	Pass
20	55.2	51.4	0.93	-3.8	17.3	13.5	0.78	Pass
21	45.8	45.7	1.00	-0.2	9.4	9.2	0.98	Pass
22	50.9	49.0	0.96	-1.9	13.5	11.6	0.86	Pass
23	56.3	51.9	0.92	-4.4	18.6	14.1	0.76	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
24	46.0	45.7	0.99	-0.3	9.7	9.4	0.97	Pass
25	51.2	48.9	0.95	-2.3	13.9	11.6	0.83	Pass
26	56.4	51.6	0.91	-4.8	18.8	14.0	0.74	Pass
27	46.1	45.9	1.00	-0.2	9.4	9.2	0.98	Pass
28	51.5	49.3	0.96	-2.2	14.2	12.0	0.84	Pass
29	56.3	52.6	0.94	-3.6	18.5	14.9	0.80	Pass
30	46.0	45.8	0.99	-0.2	9.5	9.2	0.97	Pass
31	51.4	48.8	0.95	-2.6	14.2	11.6	0.82	Pass
32	45.7	45.3	0.99	-0.5	9.4	8.9	0.95	Pass
33	51.9	49.3	0.95	-2.6	14.4	11.8	0.82	Pass
34	57.5	52.4	0.91	-5.1	19.6	14.5	0.74	Pass
35	45.9	45.5	0.99	-0.3	9.2	8.9	0.97	Pass

Test 3

Images



Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	60.7	52.4	0.86	-8.3	22.9	14.6	0.64	Pass
1	50.0	45.2	0.90	-4.8	14.9	10.1	0.68	Pass
2	55.7	50.3	0.90	-5.4	18.9	13.5	0.71	Pass
3	53.4	47.7	0.89	-5.6	17.2	11.5	0.67	Pass
4	49.6	44.0	0.89	-5.6	14.8	9.3	0.62	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
5	55.4	49.7	0.90	-5.7	18.6	12.9	0.69	Pass
6	52.0	46.3	0.89	-5.7	16.3	10.6	0.65	Pass
7	49.6	45.0	0.91	-4.7	15.1	10.5	0.69	Pass
8	58.1	51.9	0.89	-6.1	20.8	14.7	0.71	Pass
9	54.0	47.9	0.89	-6.1	18.2	12.1	0.67	Pass
10	49.3	44.6	0.91	-4.6	14.6	10.0	0.68	Pass
11	56.9	51.7	0.91	-5.2	19.9	14.7	0.74	Pass
12	53.4	48.2	0.90	-5.2	17.4	12.2	0.70	Pass
13	55.4	48.2	0.87	-7.2	18.4	11.2	0.61	Pass
14	59.5	51.6	0.87	-7.9	21.6	13.7	0.63	Pass
15	50.4	45.4	0.90	-5.0	14.0	9.1	0.65	Pass
16	55.0	48.9	0.89	-6.1	17.7	11.7	0.66	Pass
17	59.8	51.7	0.86	-8.1	21.7	13.6	0.62	Pass
18	49.9	45.7	0.92	-4.2	13.5	9.3	0.69	Pass
19	55.3	48.6	0.88	-6.8	18.0	11.2	0.62	Pass
20	60.7	51.4	0.85	-9.3	22.8	13.5	0.59	Pass
21	50.3	45.7	0.91	-4.6	13.9	9.2	0.67	Pass
22	53.2	49.0	0.92	-4.2	15.8	11.6	0.74	Pass
23	60.1	51.9	0.86	-8.3	22.4	14.1	0.63	Pass
24	47.0	45.7	0.97	-1.3	10.6	9.4	0.89	Pass
25	53.2	48.9	0.92	-4.3	15.9	11.6	0.73	Pass
26	60.6	51.6	0.85	-9.0	22.9	14.0	0.61	Pass
27	47.1	45.9	0.97	-1.2	10.4	9.2	0.88	Pass
28	53.5	49.3	0.92	-4.2	16.1	12.0	0.74	Pass
29	60.6	52.6	0.87	-8.0	22.8	14.9	0.65	Pass
30	47.1	45.8	0.97	-1.3	10.4	9.2	0.89	Pass
31	53.2	48.8	0.92	-4.4	15.9	11.6	0.73	Pass
32	46.9	45.3	0.96	-1.6	10.3	8.9	0.86	Pass
33	54.2	49.3	0.91	-4.9	16.7	11.8	0.71	Pass
34	61.8	52.4	0.85	-9.4	23.9	14.5	0.61	Pass
35	46.7	45.5	0.97	-1.2	10.0	8.9	0.88	Pass

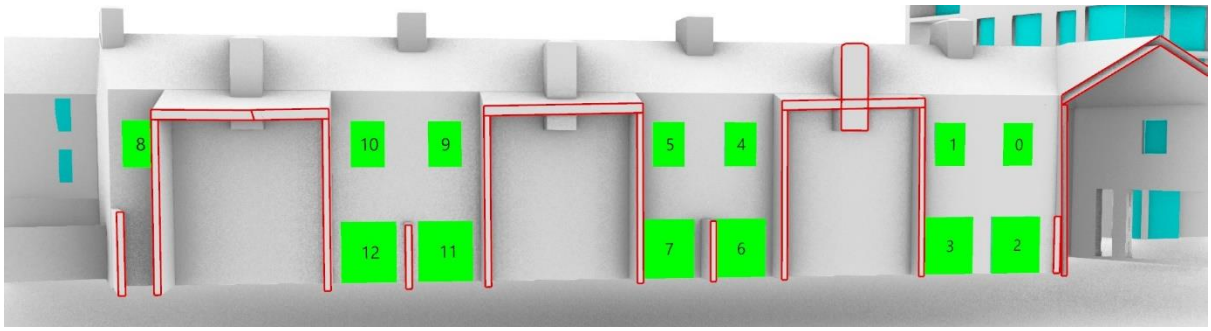
8.1.3 25-31 Boyne Street

Summary

Total Windows	13
Scenario	Window Pass Rate (%)
Test 1	100.0%
Test 2	92.3%
Test 3	69.2%

Test 1

Images

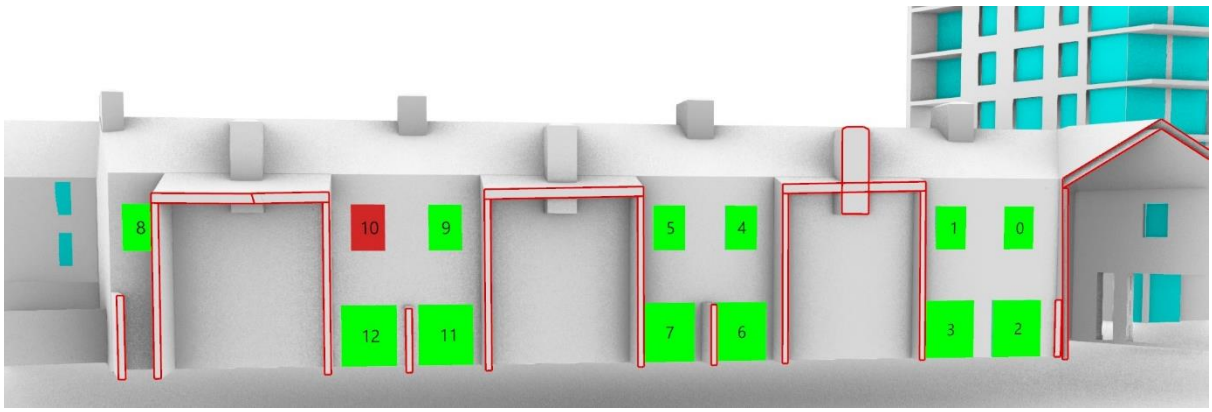


Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	31.2	28.2	0.90	-3.0	4.8	1.9	0.39	Pass
1	30.1	27.0	0.90	-3.1	6.7	3.6	0.54	Pass
2	8.0	8.0	1.00	0.0	0.0	0.0	1.00	Pass
3	11.2	11.2	1.00	0.0	0.0	0.0	1.00	Pass
4	25.3	25.3	1.00	0.0	0.4	0.4	1.00	Pass
5	27.3	27.3	1.00	0.0	2.5	2.5	1.00	Pass
6	6.4	6.4	1.00	0.0	0.0	0.0	1.00	Pass
7	8.2	8.2	1.00	0.0	0.0	0.0	1.00	Pass
8	24.8	24.8	1.00	0.0	2.5	2.5	1.00	Pass
9	27.3	27.3	1.00	-0.1	2.2	2.2	0.97	Pass
10	30.8	30.3	0.98	-0.5	6.0	5.6	0.92	Pass
11	8.9	8.9	1.00	0.0	0.0	0.0	1.00	Pass
12	10.9	10.9	1.00	0.0	0.0	0.0	1.00	Pass

Test 2

Images

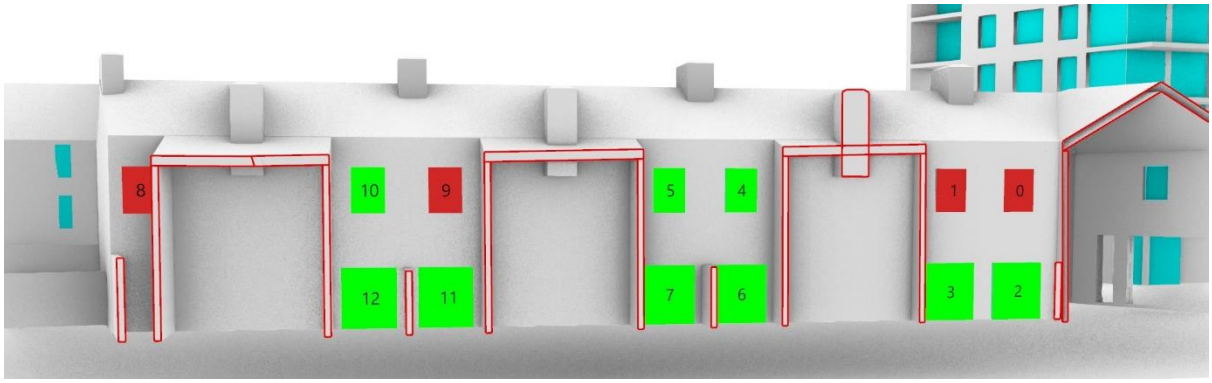


Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	23.3	23.3	1.00	0.0	0.3	0.3	0.97	Pass
1	24.0	23.8	0.99	-0.2	1.4	1.3	0.89	Pass
2	9.1	9.1	1.00	0.0	0.0	0.0	1.00	Pass
3	8.3	8.3	1.00	0.0	0.0	0.0	1.00	Pass
4	27.4	24.1	0.88	-3.2	5.3	2.1	0.39	Pass
5	34.1	28.5	0.83	-5.7	10.7	5.0	0.47	Pass
6	10.2	9.2	0.90	-1.1	1.4	0.3	0.24	Pass
7	15.6	13.5	0.86	-2.1	3.4	1.3	0.37	Pass
8	14.9	14.9	1.00	0.0	0.4	0.4	1.00	Pass
9	24.5	22.6	0.92	-1.9	3.3	1.5	0.44	Pass
10	35.1	27.4	0.78	-7.7	12.4	4.7	0.38	Fail
11	7.2	7.2	1.00	0.0	0.0	0.0	1.00	Pass
12	14.6	12.6	0.86	-2.0	3.4	1.3	0.40	Pass

Test 3

Images



Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	31.2	23.3	0.75	-7.9	4.8	0.3	0.06	Fail
1	30.1	23.8	0.79	-6.3	6.7	1.3	0.19	Fail
2	8.0	9.1	1.14	1.1	0.0	0.0	1.00	Pass
3	11.2	8.3	0.74	-2.9	0.0	0.0	1.00	Pass
4	25.3	24.1	0.95	-1.2	0.4	2.1	5.19	Pass
5	27.3	28.5	1.05	1.2	2.5	5.0	2.00	Pass
6	6.4	9.2	1.43	2.8	0.0	0.3	1.00	Pass
7	8.2	13.5	1.65	5.3	0.0	1.3	1.00	Pass
8	24.8	14.9	0.60	-9.9	2.5	0.4	0.15	Fail
9	27.3	22.6	0.83	-4.7	2.2	1.5	0.65	Fail
10	30.8	27.4	0.89	-3.4	6.0	4.7	0.78	Pass
11	8.9	7.2	0.81	-1.7	0.0	0.0	1.00	Pass
12	10.9	12.6	1.16	1.7	0.0	1.3	1.00	Pass

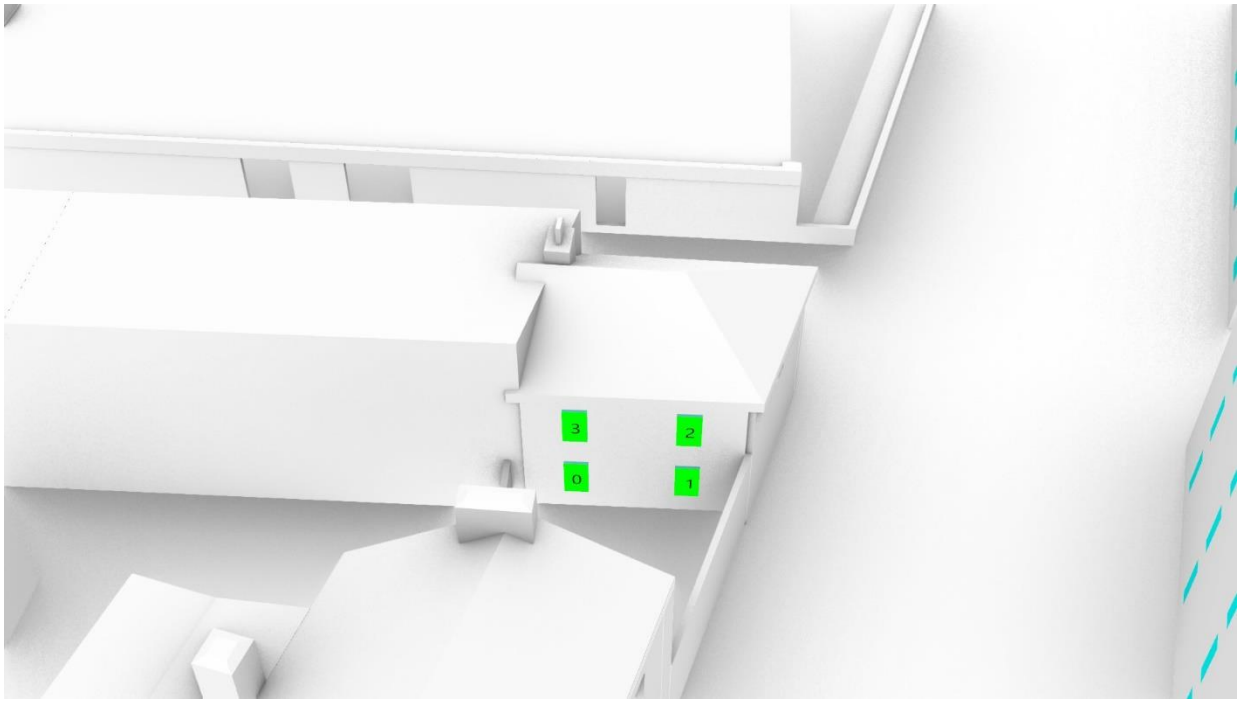
8.1.4 11 Bass Place

Summary

Total Windows	4
Scenario	Window Pass Rate (%)
Test 1	100.0%
Test 2	100.0%
Test 3	0.0%

Test 1

Images



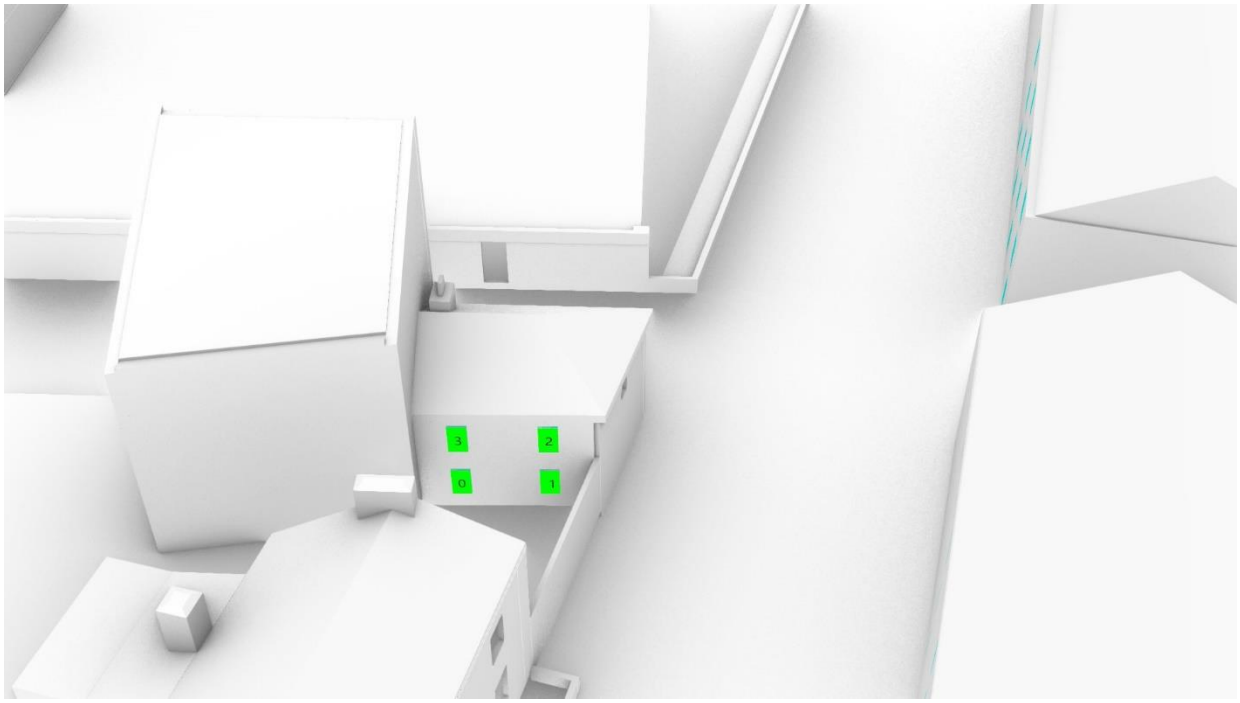
Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	20.9	20.6	0.99	-0.3	6.8	6.5	0.96	Pass
1	24.8	24.2	0.98	-0.6	7.2	6.6	0.92	Pass

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
2	32.2	30.4	0.95	-1.7	9.7	8.0	0.82	Pass
3	26.3	24.8	0.95	-1.4	10.1	8.7	0.86	Pass

Test 2

Images



Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	14.0	12.4	0.88	-1.7	3.9	2.2	0.57	Pass
1	19.5	17.7	0.91	-1.8	4.5	2.7	0.61	Pass
2	28.2	24.6	0.87	-3.6	7.0	3.4	0.48	Pass
3	19.1	15.7	0.83	-3.3	6.8	3.5	0.51	Pass

Test 3

Images

Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
0	20.9	12.4	0.59	-8.5	6.8	2.2	0.33	Fail
1	24.8	17.7	0.72	-7.1	7.2	2.7	0.38	Fail
2	32.2	24.6	0.76	-7.6	9.7	3.4	0.35	Fail
3	26.3	15.7	0.60	-10.5	10.1	3.5	0.35	Fail

8.2 Proposed Development

8.2.1 Block 1 (62-64 Fenian St)

Summary

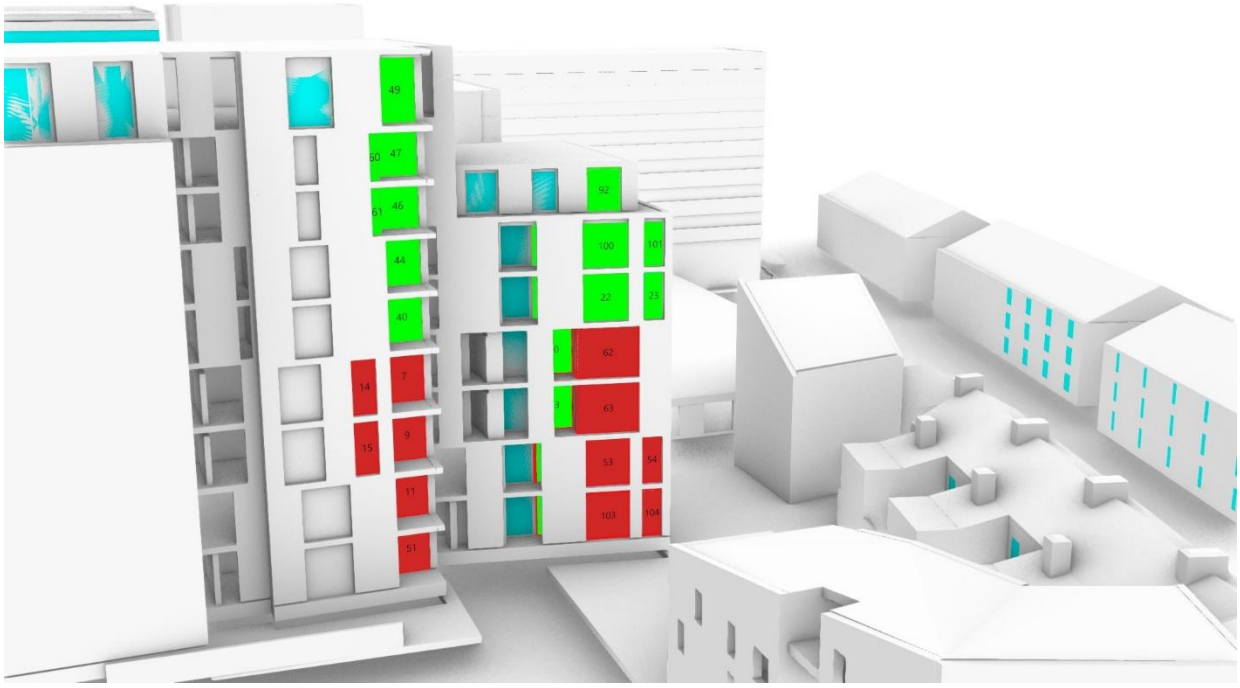
As there are available plans for this building it was possible to only test the windows that serve kitchen or living spaces. Bedrooms have been omitted as per the guidance from the BRE guide. A room is deemed to have passed if its main window passes the test criteria. The results for the individual windows and the rooms as a whole have been recorded below.

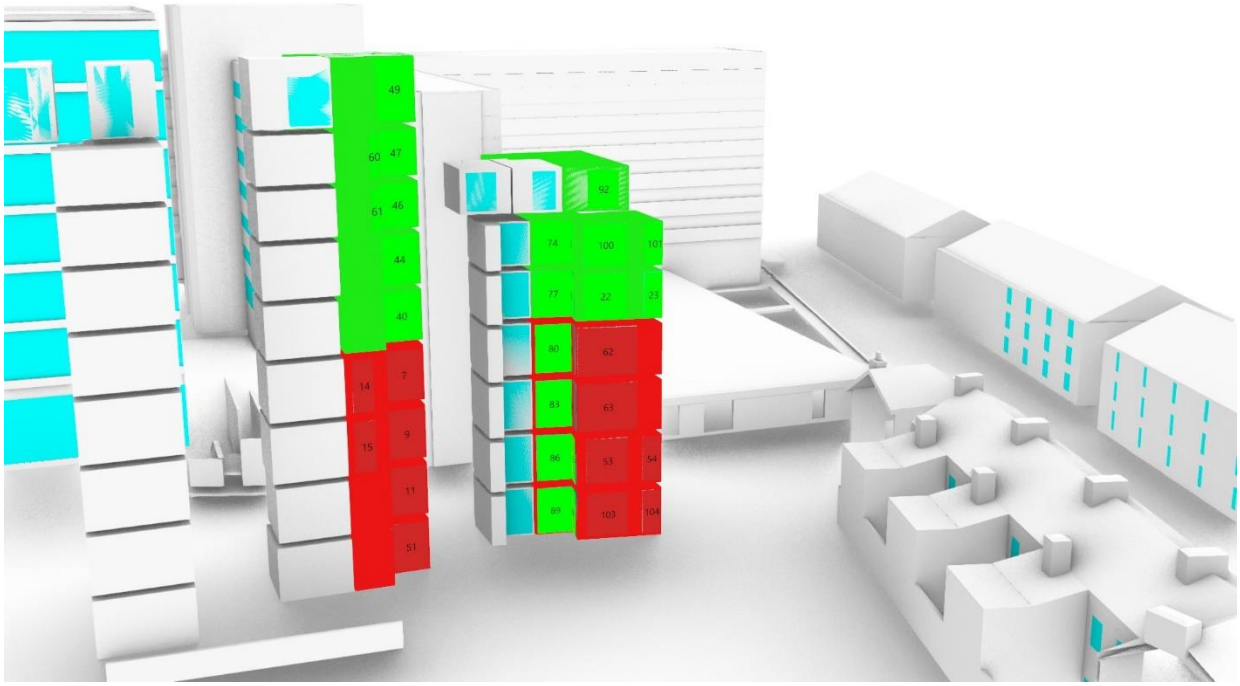
Total Windows	**37**
Total Rooms	**17**

Scenario	Window Pass Rate (%)	Room Pass Rate (%)
Test 2	62.2%	52.9%
Test 5	40.5%	52.9%

Test 2

Images





Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
7	20.8	15.4	0.74	-5.4	4.9	0.2	0.05	Fail
9	19.0	12.8	0.67	-6.2	4.6	0.0	0.00	Fail
11	14.3	9.6	0.67	-4.6	2.0	0.0	0.00	Fail
14	38.6	20.7	0.54	-17.8	12.6	0.1	0.01	Fail
15	35.7	16.9	0.47	-18.9	10.5	0.0	0.00	Fail
22	42.6	34.1	0.80	-8.5	16.3	7.8	0.48	Pass
23	42.7	34.8	0.81	-7.9	16.2	8.3	0.51	Pass
40	17.5	14.9	0.85	-2.6	3.3	0.8	0.25	Pass
44	17.9	15.8	0.88	-2.1	3.3	1.2	0.35	Pass
46	19.9	17.4	0.88	-2.5	6.0	3.6	0.59	Pass
47	20.1	19.6	0.97	-0.6	6.0	5.5	0.91	Pass
49	21.4	21.4	1.00	0.0	4.2	4.2	1.00	Pass
51	11.4	2.7	0.24	-8.7	1.1	0.0	0.00	Fail
53	34.8	22.7	0.65	-12.1	11.9	0.5	0.04	Fail
54	35.1	23.9	0.68	-11.2	12.1	1.2	0.10	Fail
60	27.8	27.1	0.97	-0.8	6.2	5.4	0.87	Pass
61	27.8	25.0	0.90	-2.8	6.2	3.4	0.54	Pass

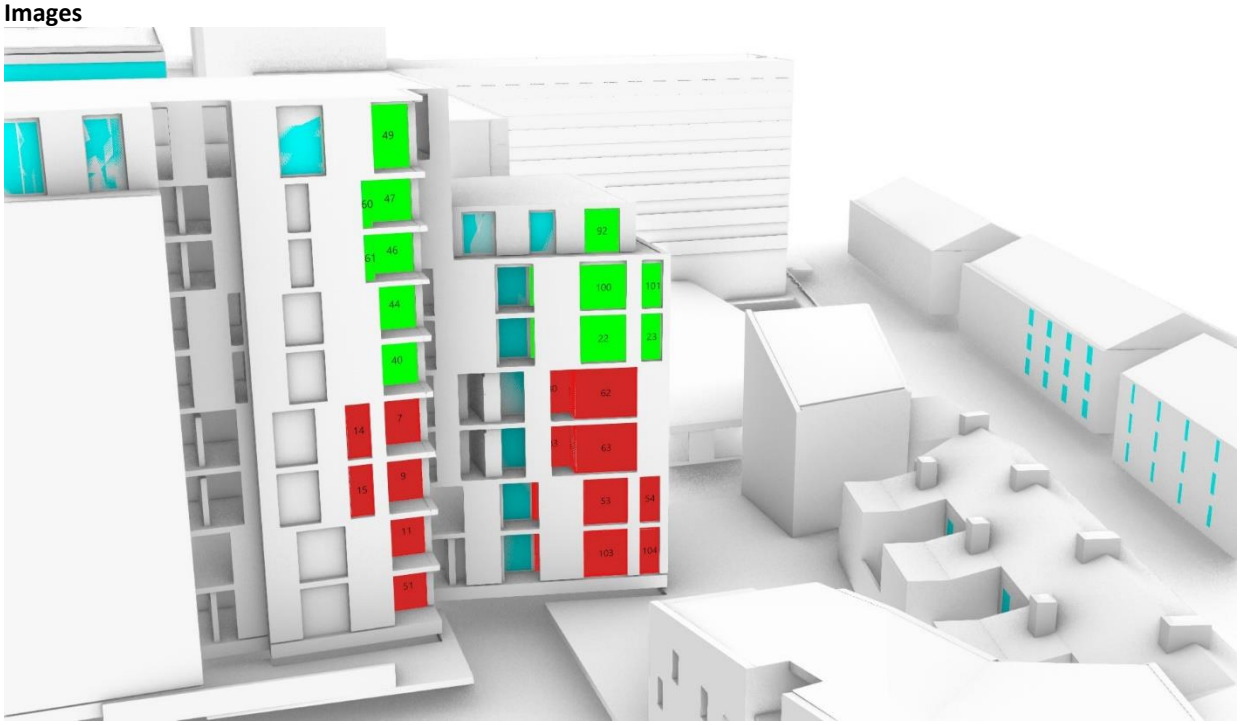
Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
62	40.8	30.2	0.74	-10.6	15.6	4.9	0.32	Fail
63	37.8	25.8	0.68	-12.0	14.2	2.2	0.16	Fail
64	19.1	10.8	0.56	-8.3	9.6	1.3	0.14	Fail
65	20.0	12.6	0.63	-7.5	10.9	3.4	0.32	Fail
66	0.0	0.0	1.00	0.0	0.0	0.0	1.00	Pass
67	0.0	0.0	1.00	0.0	0.0	0.0	1.00	Pass
68	0.0	0.0	1.00	0.0	0.0	0.0	1.00	Pass
69	0.0	0.0	1.00	0.0	0.0	0.0	1.00	Pass
74	4.0	1.6	0.40	-2.4	3.6	1.2	0.33	Pass
77	3.3	0.5	0.15	-2.8	3.3	0.5	0.15	Pass
80	15.4	14.6	0.95	-0.8	1.7	0.9	0.52	Pass
83	13.1	12.7	0.96	-0.5	1.1	0.7	0.59	Pass
86	3.6	0.2	0.06	-3.3	3.4	0.1	0.03	Pass
89	2.1	0.0	0.00	-2.1	2.0	0.0	0.00	Pass
92	43.6	41.6	0.95	-2.0	15.9	14.0	0.88	Pass
96	48.2	48.2	1.00	0.0	18.5	18.5	1.00	Pass
100	44.5	38.1	0.86	-6.3	16.3	10.0	0.61	Pass
101	43.3	37.5	0.87	-5.7	16.3	10.6	0.65	Pass
103	30.0	19.5	0.65	-10.4	8.6	0.0	0.00	Fail
104	30.1	21.2	0.71	-8.9	8.6	0.3	0.04	Fail

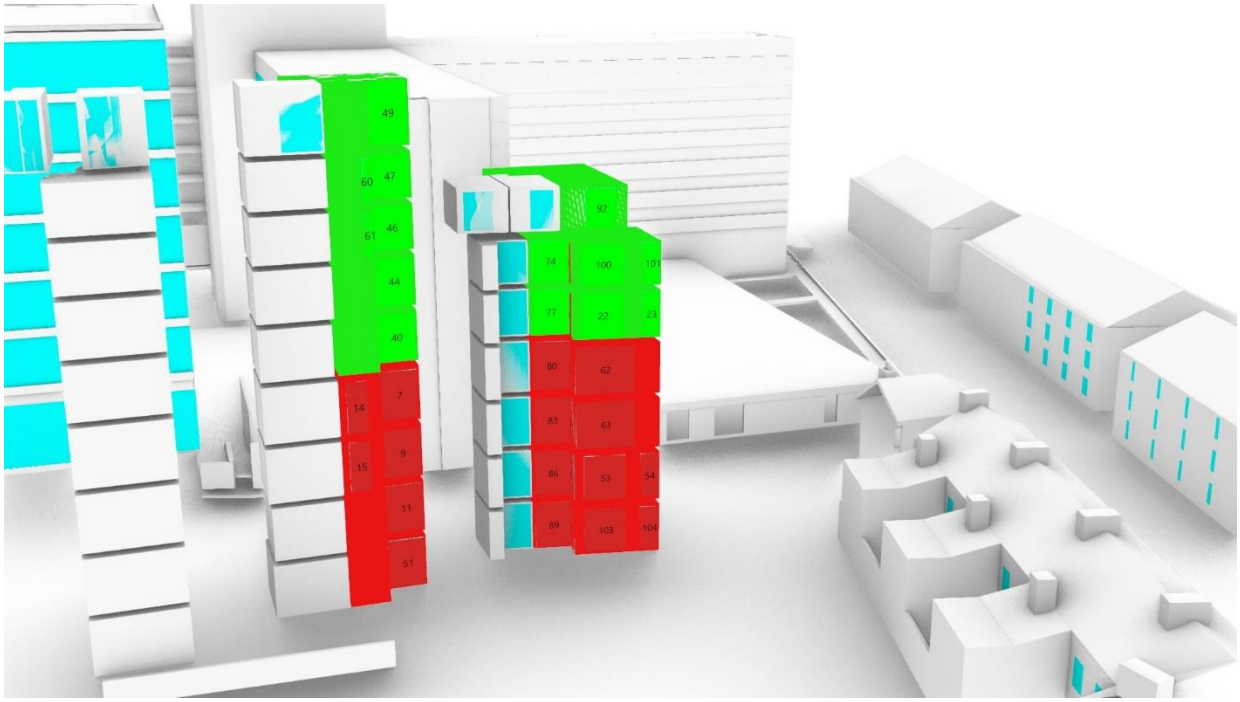
Room Name	Pass?
01_03_06_1B2P_KLD	FALSE
01_02_06_1B2P_KLD	FALSE
01_01_06_1B2P_KLD	FALSE
01_04_08_2B4P_KLD	TRUE
01_04_06_1B2P_KLD	TRUE
01_05_06_1B2P_KLD	TRUE
01_06_06_1B2P_KLD	TRUE
01_07_06_1B2P_KLD	TRUE
01_08_06_1B2P_KLD	TRUE
01_00_02_1B2P_KLD	FALSE
01_01_08_2B4P_KLD	FALSE
01_03_08_2B4P_KLD	FALSE
01_02_08_2B4P_KLD	FALSE
01_00_04_2B4P_KLD	FALSE

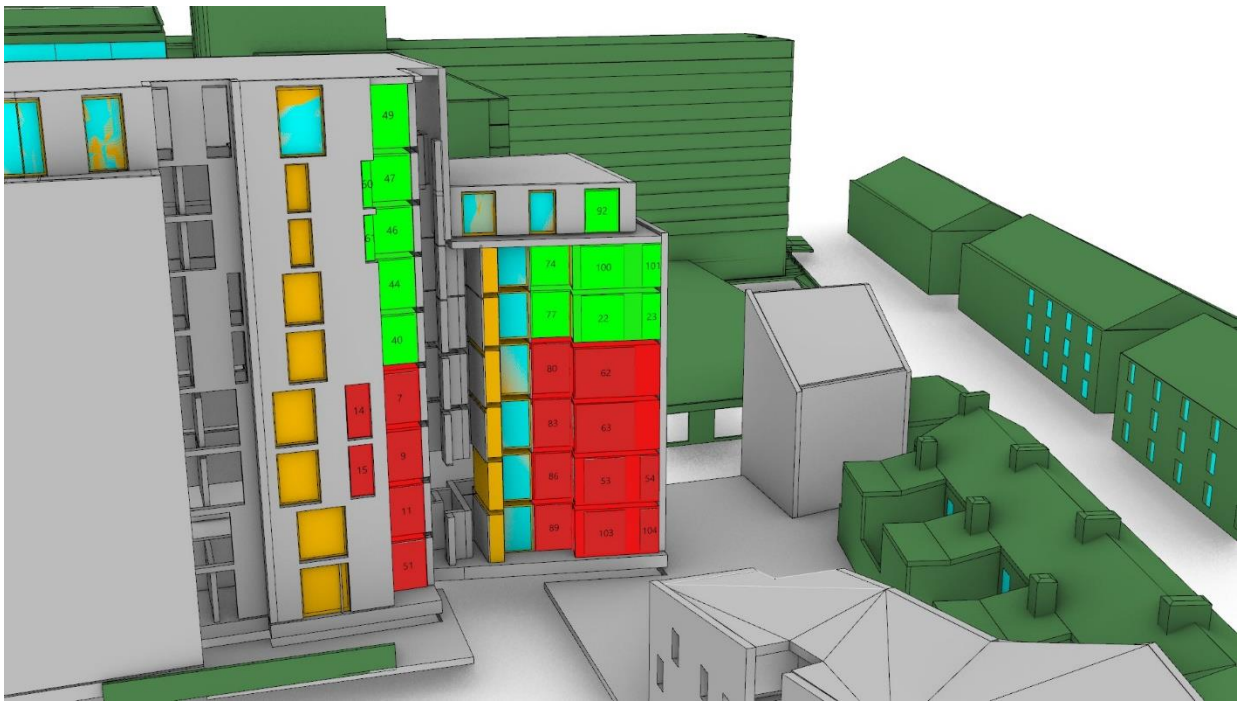
Room Name	Pass?
01_05_08_2B4P_KLD	TRUE
01_06_08_2B4P_KLD	TRUE
01_08_03_2B4P_KLD	TRUE

Test 5

Images







Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
7	23.1	17.7	0.77	-5.4	4.9	0.2	0.05	Fail
9	21.6	15.3	0.71	-6.3	4.6	0.0	0.00	Fail
11	17.1	12.4	0.72	-4.8	2.0	0.0	0.00	Fail

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
14	38.6	20.7	0.54	-17.8	12.6	0.1	0.01	Fail
15	35.7	16.9	0.47	-18.9	10.5	0.0	0.00	Fail
22	44.0	35.5	0.81	-8.5	16.3	7.8	0.48	Pass
23	46.0	38.1	0.83	-7.9	17.1	9.1	0.54	Pass
40	21.6	19.0	0.88	-2.6	3.3	0.8	0.25	Pass
44	24.1	22.0	0.91	-2.1	3.3	1.2	0.35	Pass
46	27.2	24.7	0.91	-2.5	6.0	3.6	0.59	Pass
47	26.0	25.4	0.98	-0.6	6.5	6.0	0.91	Pass
49	23.2	23.2	1.00	0.0	4.2	4.2	1.00	Pass
51	14.3	5.1	0.35	-9.2	1.1	0.0	0.00	Fail
53	34.8	22.7	0.65	-12.1	11.9	0.5	0.04	Fail
54	35.1	23.9	0.68	-11.2	12.1	1.2	0.10	Fail
60	27.8	27.1	0.97	-0.8	6.2	5.4	0.87	Pass
61	27.8	25.0	0.90	-2.8	6.2	3.4	0.54	Pass
62	41.5	30.9	0.74	-10.6	15.6	4.9	0.32	Fail
63	37.8	25.8	0.68	-12.0	14.2	2.2	0.16	Fail
64	25.4	14.4	0.57	-11.0	12.1	1.3	0.11	Fail
65	26.6	17.3	0.65	-9.3	13.4	4.1	0.30	Fail
66	20.4	10.9	0.53	-9.5	7.1	0.0	0.00	Fail
67	23.1	12.7	0.55	-10.4	9.9	0.4	0.04	Fail
68	27.7	20.1	0.72	-7.6	14.1	6.5	0.46	Fail
69	25.5	19.2	0.75	-6.3	14.1	7.9	0.56	Fail
74	33.7	27.7	0.82	-6.0	13.2	7.2	0.54	Pass
77	39.0	31.6	0.81	-7.4	13.1	5.7	0.43	Pass
80	38.1	29.1	0.76	-9.0	12.7	3.7	0.29	Fail
83	34.8	25.0	0.72	-9.8	11.3	1.7	0.15	Fail
86	31.7	22.1	0.70	-9.6	9.1	0.4	0.04	Fail
89	27.6	18.6	0.67	-9.0	6.6	0.0	0.00	Fail
92	44.0	42.0	0.96	-2.0	16.3	14.3	0.88	Pass
96	48.2	48.2	1.00	0.0	18.5	18.5	1.00	Pass
100	45.8	39.4	0.86	-6.3	16.3	10.0	0.61	Pass
101	47.8	42.0	0.88	-5.7	17.4	11.7	0.67	Pass
103	30.0	19.5	0.65	-10.4	8.6	0.0	0.00	Fail
104	30.1	21.2	0.71	-8.9	8.6	0.3	0.04	Fail

Room Name	Pass?
01_03_06_1B2P_KLD	FALSE
01_02_06_1B2P_KLD	FALSE
01_01_06_1B2P_KLD	FALSE
01_04_08_2B4P_KLD	TRUE
01_04_06_1B2P_KLD	TRUE
01_05_06_1B2P_KLD	TRUE
01_06_06_1B2P_KLD	TRUE
01_07_06_1B2P_KLD	TRUE
01_08_06_1B2P_KLD	TRUE
01_00_02_1B2P_KLD	FALSE
01_01_08_2B4P_KLD	FALSE
01_03_08_2B4P_KLD	FALSE
01_02_08_2B4P_KLD	FALSE
01_00_04_2B4P_KLD	FALSE
01_05_08_2B4P_KLD	TRUE
01_06_08_2B4P_KLD	TRUE
01_08_03_2B4P_KLD	TRUE

8.2.2 Block 3 (1-3 Sandwith St)

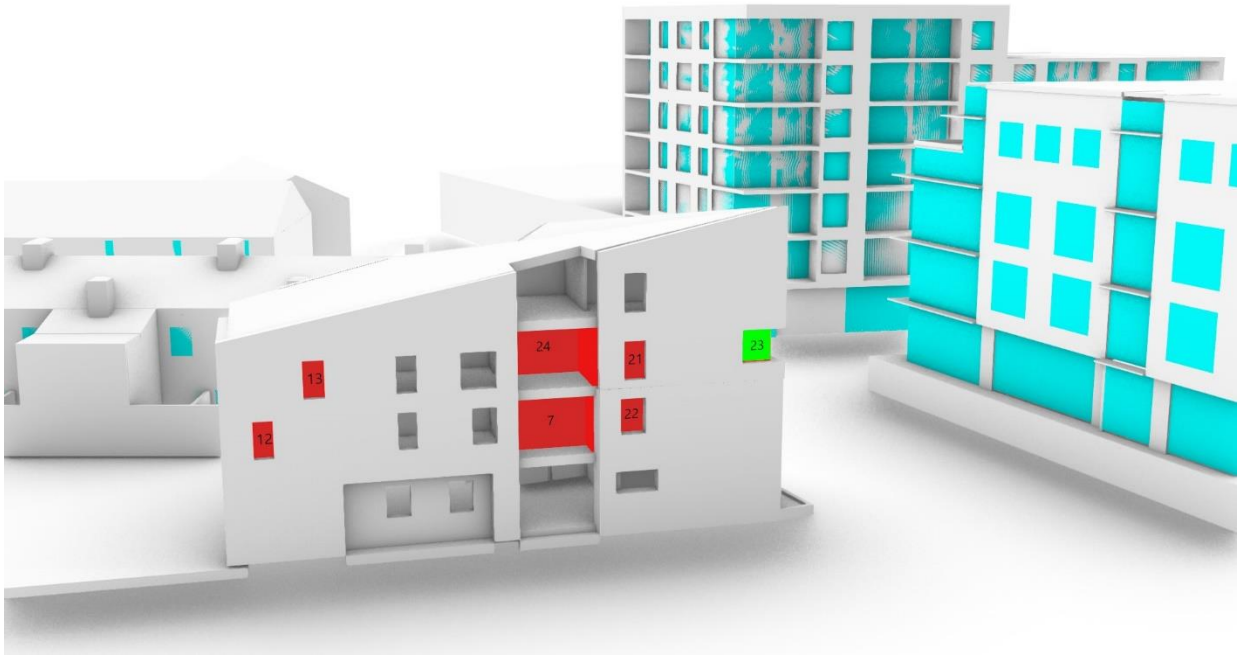
Summary

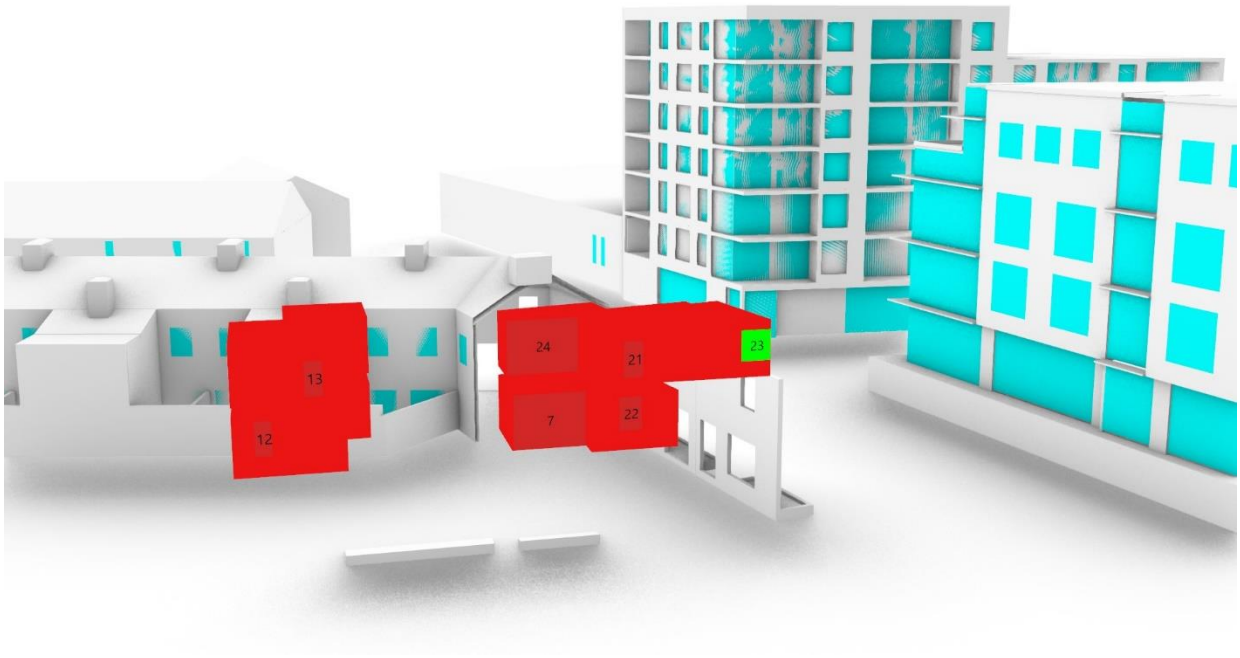
Total Windows	**7**
Total Rooms	**4**

Scenario	Window Pass Rate (%)	Room Pass Rate (%)
Test 2	14.3%	0.0%
Test 5	14.3%	0.0%

Test 2

Images





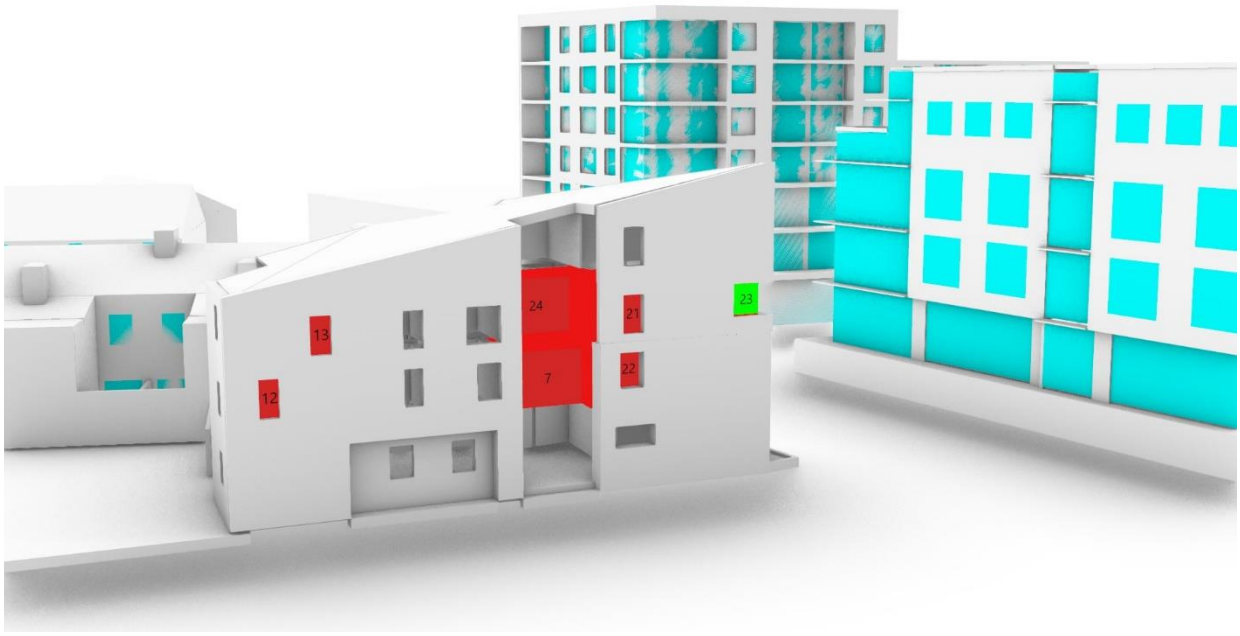
Results

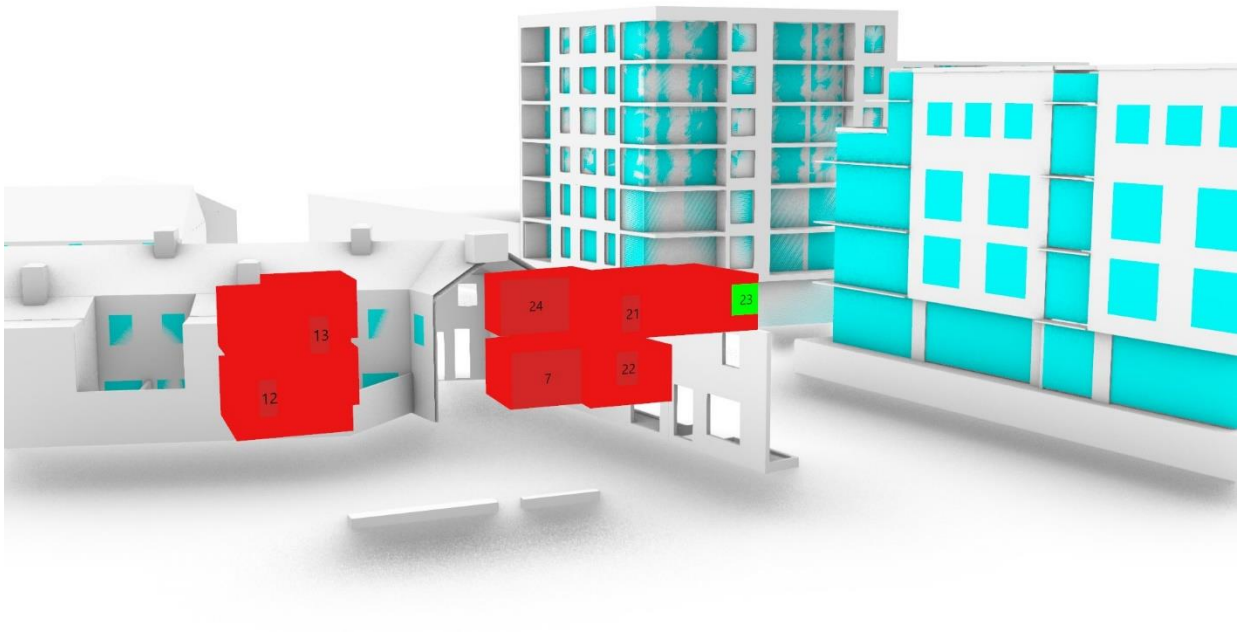
Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
7	21.1	1.7	0.08	-19.4	15.5	0.0	0.00	Fail
12	28.9	12.6	0.44	-16.3	13.3	0.3	0.02	Fail
13	34.6	15.5	0.45	-19.1	17.5	1.5	0.09	Fail
21	41.5	18.2	0.44	-23.3	20.8	3.5	0.17	Fail
22	25.7	4.7	0.18	-21.1	15.4	0.3	0.02	Fail
23	48.1	27.2	0.56	-20.9	22.3	8.5	0.38	Pass
24	9.5	0.6	0.07	-8.9	9.5	0.6	0.07	Fail

Room Name	Pass?
03_01_04_1B2P_KLD	FALSE
03_01_03_2B4P_KLD	FALSE
03_02_06_2B4P_KLD	FALSE
03_02_08_3B5P_KLD	FALSE

Test 5

Images





Results

Window Ref	APSH Existing (%)	APSH Proposed (%)	APSH Ratio	APSH Points Reduction (%)	WPSH Existing	WPSH Proposed	WPSH Ratio	Pass/Fail
7	32.1	10.2	0.32	-21.9	15.5	0.0	0.00	Fail
12	28.9	12.6	0.44	-16.3	13.3	0.3	0.02	Fail
13	34.6	15.5	0.45	-19.1	17.5	1.5	0.09	Fail
21	41.5	18.2	0.44	-23.3	20.8	3.5	0.17	Fail
22	25.7	4.7	0.18	-21.1	15.4	0.3	0.02	Fail
23	48.1	27.2	0.56	-20.9	22.3	8.5	0.38	Pass
24	24.7	10.0	0.41	-14.6	13.4	0.7	0.05	Fail

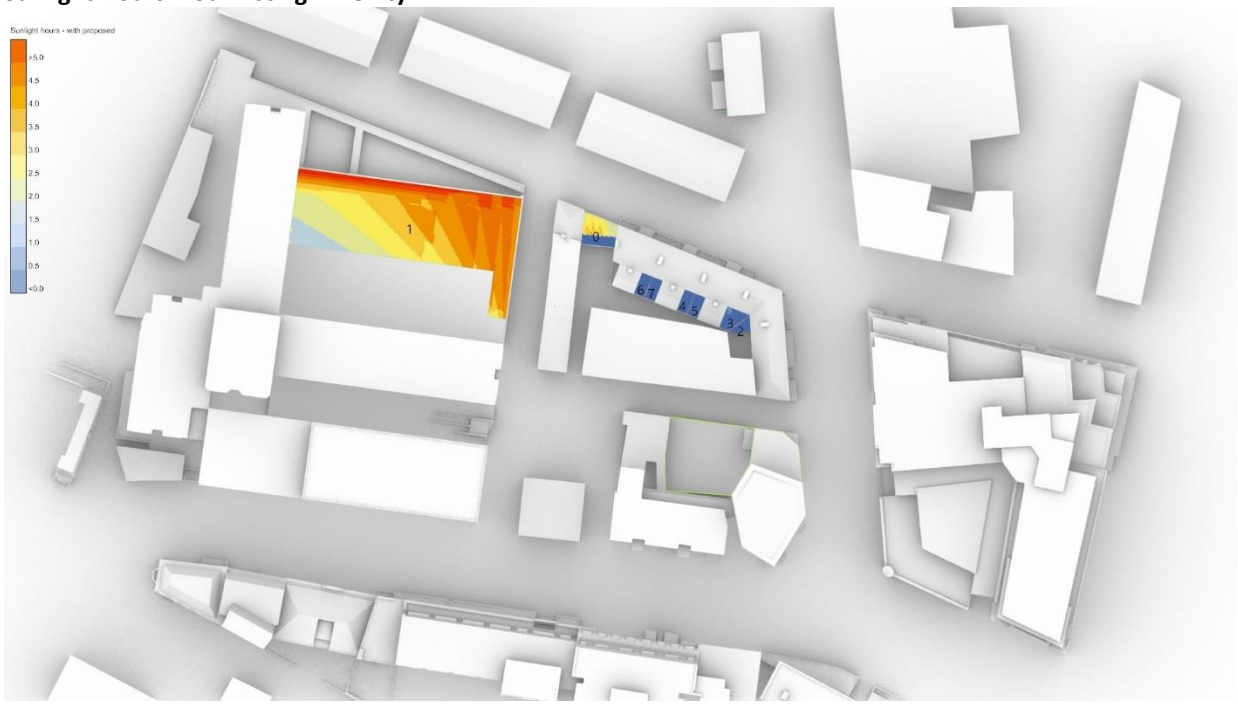
Room Name	Pass?
03_01_04_1B2P_KLD	FALSE
03_01_03_2B4P_KLD	FALSE
03_02_06_2B4P_KLD	FALSE
03_02_08_3B5P_KLD	FALSE

9.0 AMENITY SUNLIGHT – EXISTING AREAS

BRE Amenity Sunlight: The recommendation for an amenity space to receive adequate sunlight is for at least half the area to receive 2 hours of direct sunlight on March 21st. If a space is already existing, then the area receiving more than 2 hours of sunlight should not be reduced by greater than 20%, i.e., a reduction factor of less than 0.8.

Test 01

Sunlight Hours Plot Existing Amenity



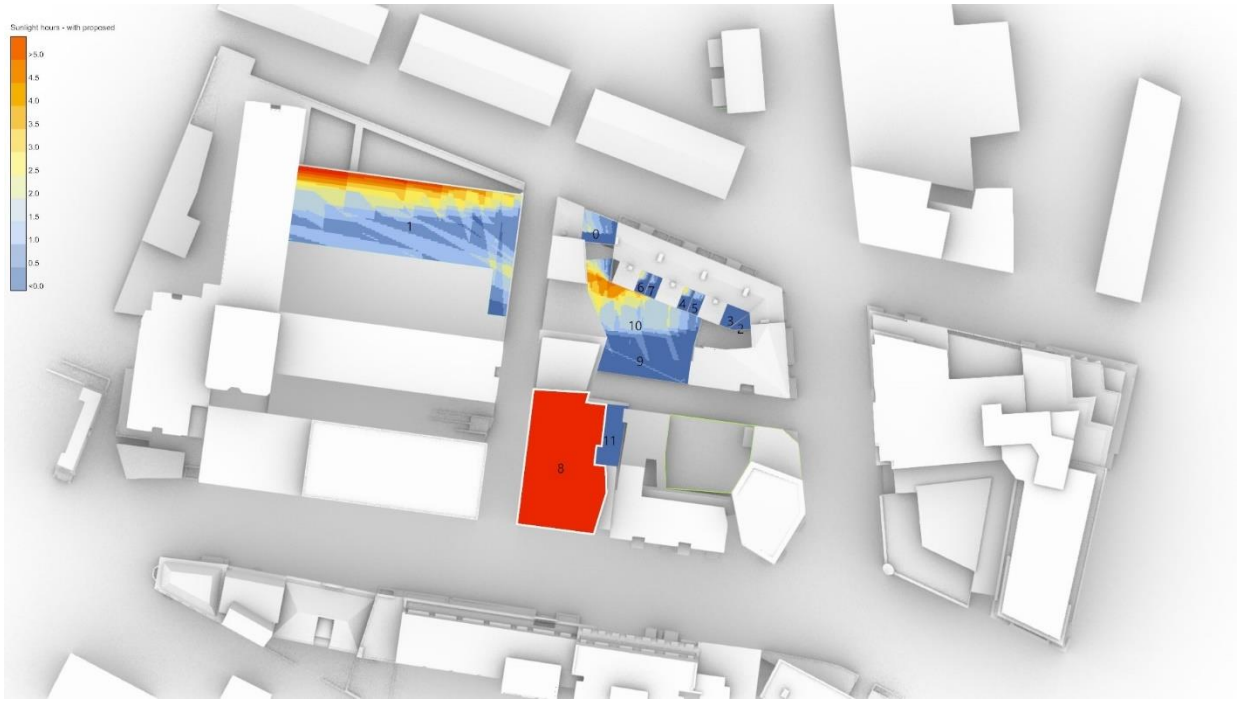
Pass/Fail for Existing Amenity Space

Results

Area Reference	Area Name	Area (m^2)	Existing Average Sun Hours (h)	% Area Over 2 Hours (existing)	Proposed Average Sun Hours (h)	% Area Over 2 Hours (proposed)	Area Reduction Factor	Pass/Fail
0	0_11BassPlaceGarden	43.9	1.6	61.9	1.6	61.9	1.00	Pass
1	1_CumberlandHouseAmenity	855.4	3.2	94.9	3.2	94.9	1.00	Pass
2	2_4FenianStGarden	8.3	0.0	0.0	0.0	0.0	1.00	Pass
3	3_25-26BoyneStGarden	17.5	0.0	0.0	0.0	0.0	1.00	Pass
4	4_28BoyneStGarden	11.0	0.0	0.0	0.0	0.0	1.00	Pass
5	5_27BoyneStGarden	11.0	0.0	0.0	0.0	0.0	1.00	Pass
6	6_30BoyneStGarden	11.0	0.0	0.0	0.0	0.0	1.00	Pass
7	7_29BoyneStGarden	11.0	0.0	0.0	0.0	0.0	1.00	Pass

Test 2

Sunlight Hours Plot Existing Amenity



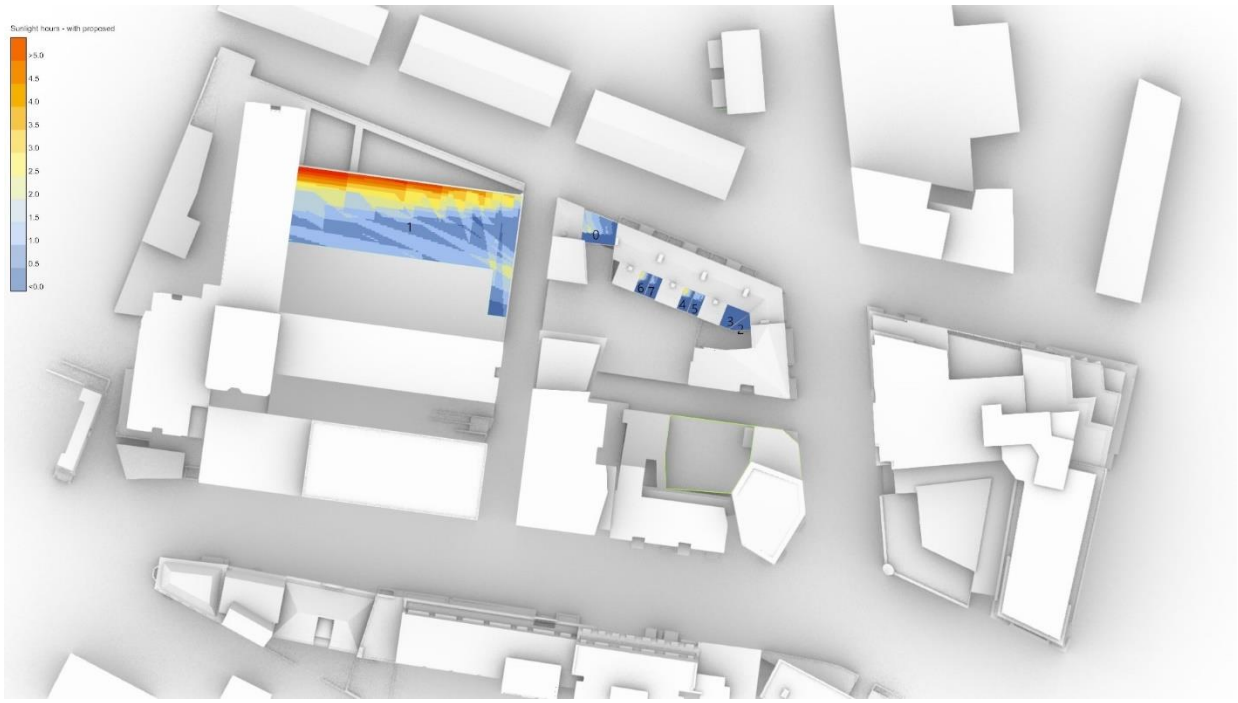
Pass Fail Existing Amenity Space

Results

Area Reference	Area Name	Area (m^2)	Existing Average Sun Hours (h)	% Area Over 2 Hours (existing)	Proposed Average Sun Hours (h)	% Area Over 2 Hours (proposed)	Area Reduction Factor	Pass/Fail
0	0_11BassPlaceGarden	43.9	0.6	2.2	0.6	2.2	1.00	Pass
1	1_CumberlandHouseAmenity	855.4	1.5	29.8	1.5	29.8	1.00	Pass
2	2_4FenianStGarden	8.3	0.0	0.0	0.0	0.0	1.00	Pass
3	3_25-26BoyneStGarden	17.5	0.0	0.0	0.0	0.0	1.00	Pass
4	4_28BoyneStGarden	11.0	0.5	12.4	0.5	12.4	1.00	Pass
5	5_27BoyneStGarden	11.0	0.3	0.0	0.3	0.0	1.00	Pass
6	6_30BoyneStGarden	11.0	0.4	10.5	0.4	10.5	1.00	Pass
7	7_29BoyneStGarden	11.0	0.2	0.0	0.2	0.0	1.00	Pass
8	8_GRP_Amenity	480.8	11.5	100.0	11.5	100.0	1.00	Pass
9	9_GRP_playground	106.8	4.0	100.0	0.1	0.0	0.00	Fail
10	10_GRP_Amenity	288.0	2.7	82.4	1.3	25.1	0.30	Fail
11	11_GRP_Amenity	61.0	1.3	31.1	0.0	0.0	0.00	Fail

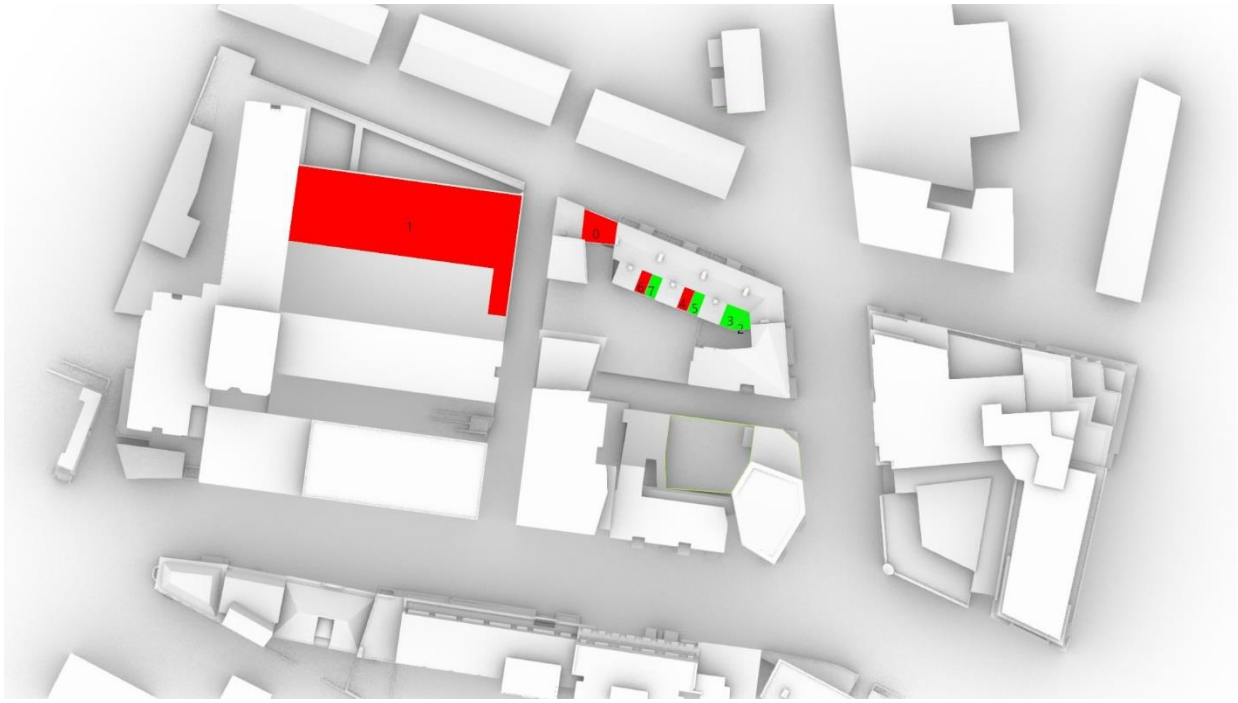
Test 03

Sunlight Hours Plot Existing Amenity



Pass/Fail for Existing Amenity Space

There is a small error in the visualisation here, areas 4 and 6 should be green in colour as they pass the test.



Results

Area Reference	Area Name	Area (m^2)	Existing Average Sun Hours (h)	% Area Over 2 Hours (existing)	Proposed Average Sun Hours (h)	% Area Over 2 Hours (proposed)	Area Reduction Factor	Pass/Fail
0	0_11BassPlaceGarden	43.9	1.6	61.9	0.6	2.2	0.04	Fail
1	1_CumberlandHouseAmenity	855.4	3.2	95.2	1.5	29.8	0.31	Fail
2	2_4FenianStGarden	8.3	0.0	0.0	0.0	0.0	1.00	Pass
3	3_25-26BoyneStGarden	17.5	0.0	0.0	0.0	0.0	1.00	Pass
4	4_28BoyneStGarden	11.0	0.0	0.0	0.5	12.4	n/a	Pass
5	5_27BoyneStGarden	11.0	0.0	0.0	0.3	0.0	1.00	Pass
6	6_30BoyneStGarden	11.0	0.0	0.0	0.4	10.5	n/a	Pass
7	7_29BoyneStGarden	11.0	0.0	0.0	0.2	0.0	1.00	Pass

10.0 INTERNAL DAYLIGHT PERFORMANCE

Target Illuminances for the habitable rooms of the proposal are shown below. Figures are compared with the National Annex of BS EN 17037:2018, as set recommended in the BRE Guide for *"dwellings situated in a dense urban area"*.

The targets are:

- In kitchens, greater than 200 lux over 50% of the floor area for over 50% annual daylight hours.
- In living rooms, greater than 150 lux over 50% of the floor area for over 50% annual daylight hours.
- In bedrooms, greater than 100 lux over 50% of the floor area for over 50% annual daylight hours.
- For Kitchen-Living-Dining Rooms (KLD), these can either be counted as a kitchen or a living room, dependent on the main use of the room. The default is to assume usage as a kitchen as this is the more onerous daylight requirement.

Conventions

In the results tables below, Test Methodology refers to the targets set in European Standard IS EN 17037:2018, which are not room type specific, whereas Test Methodology 2 refers to the British National Annex in BS EN 17037:2018, which provides room specific targets. It is these latter targets that are recommended by the Dublin City Development Guide due to their room specificity. The other targets have been included for completeness.

Summary

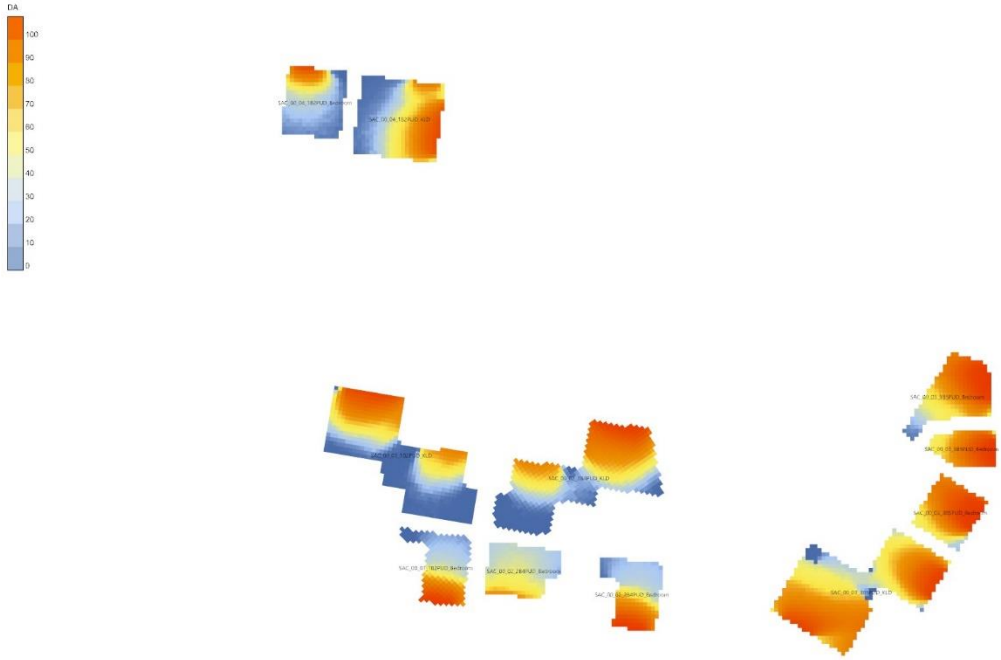
With Existing Surroundings (Scenario 1)
When the KLDs are treated as kitchens with regards to daylight, then 77.2% of the rooms pass. When the KLD rooms are treated as living rooms this pass rate increases to 83.7%.

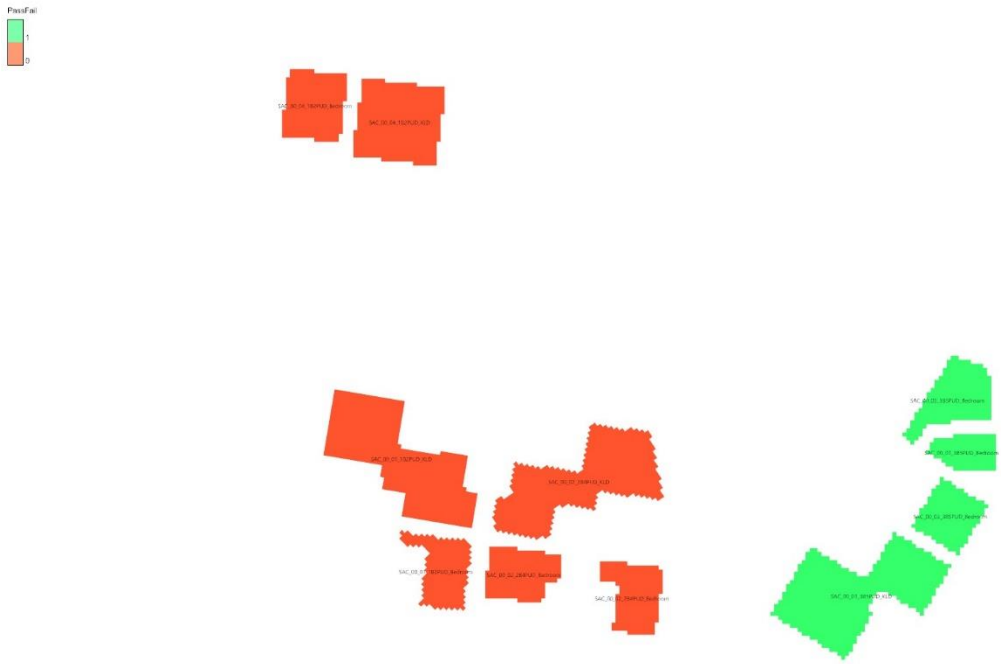
With the Proposed Development 3164/23 (Scenario 2)
Due to the considerate design of St Andrew's Court with regards to neighbourliness, the internal daylight performance is almost identical when the proposed development is included. With the KLD rooms treated as kitchens, 77.2% of rooms pass, and this is increased to 84%.

10.1 Scenario 1 Results with KLD treated as kitchens.

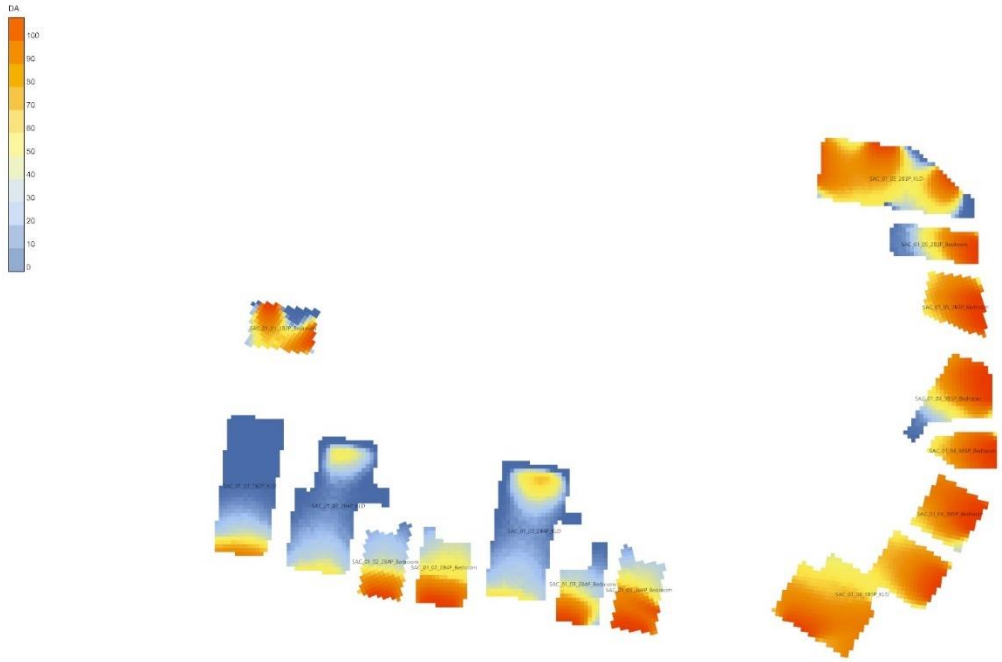
Images

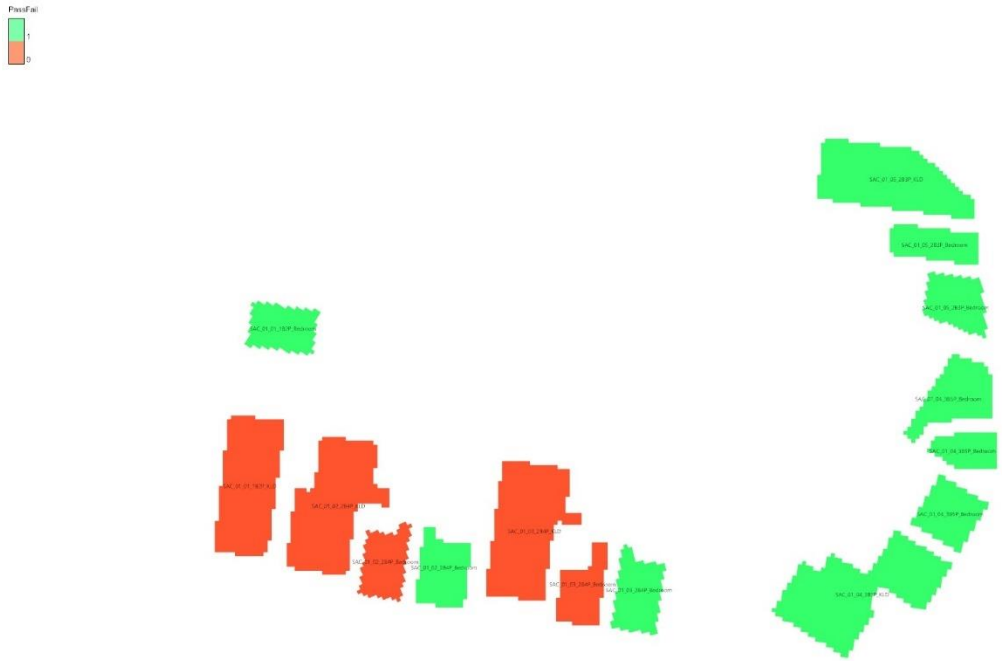
Level 0





Level 1





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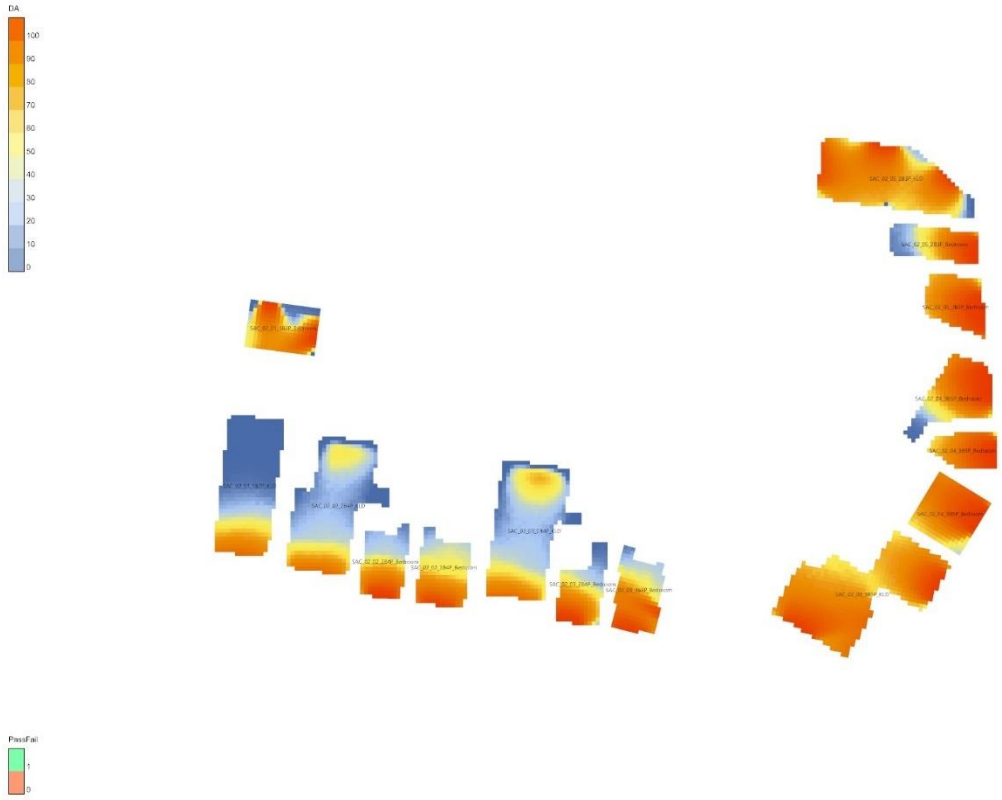

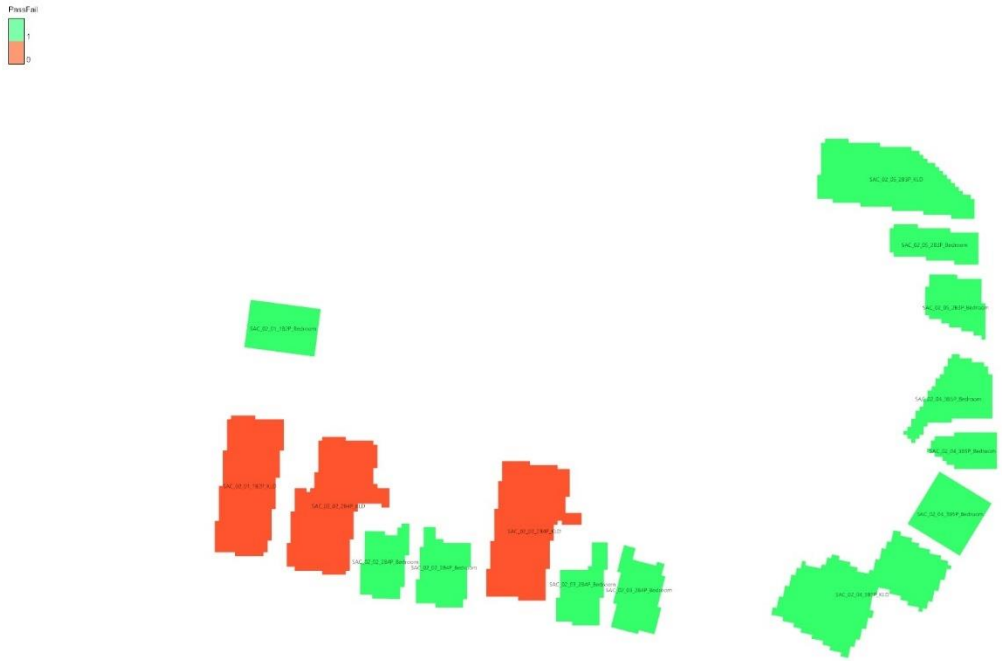

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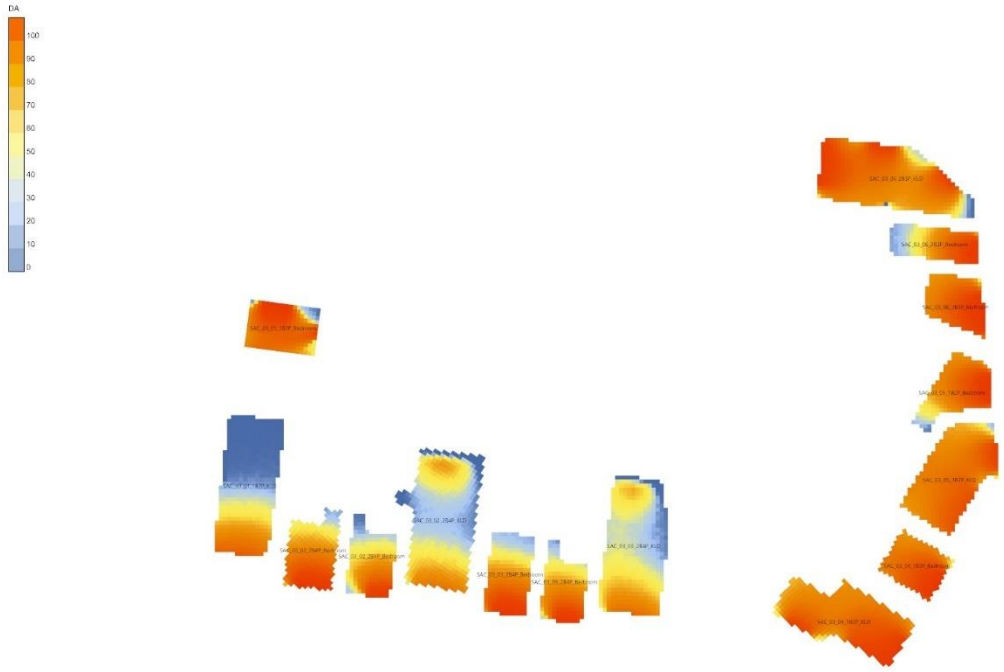
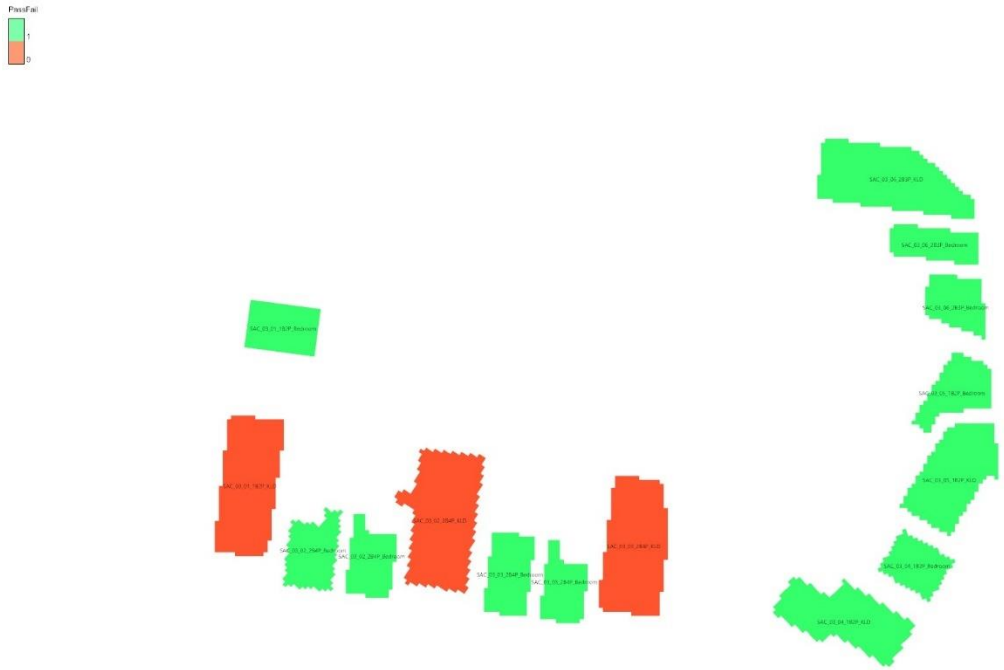
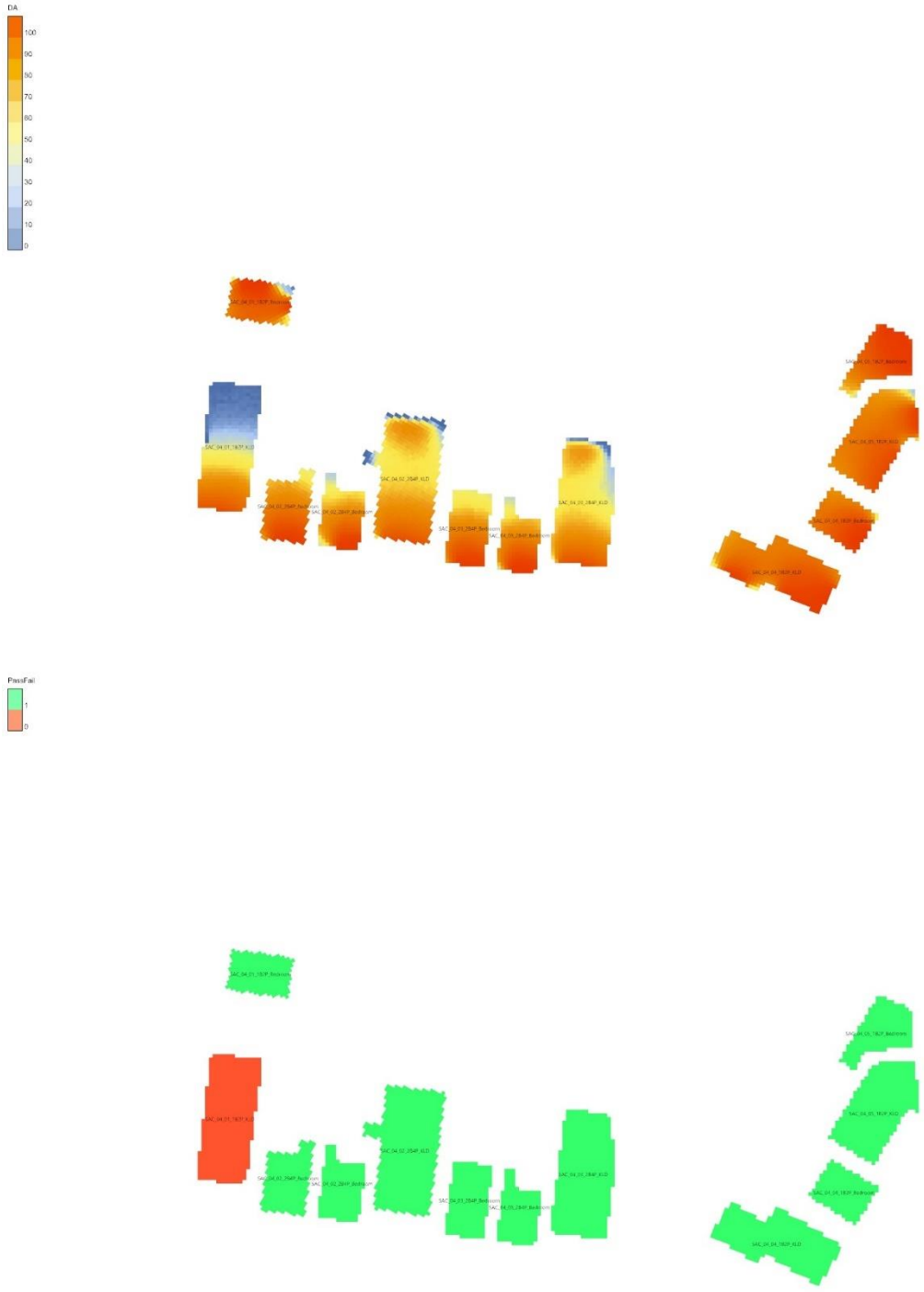
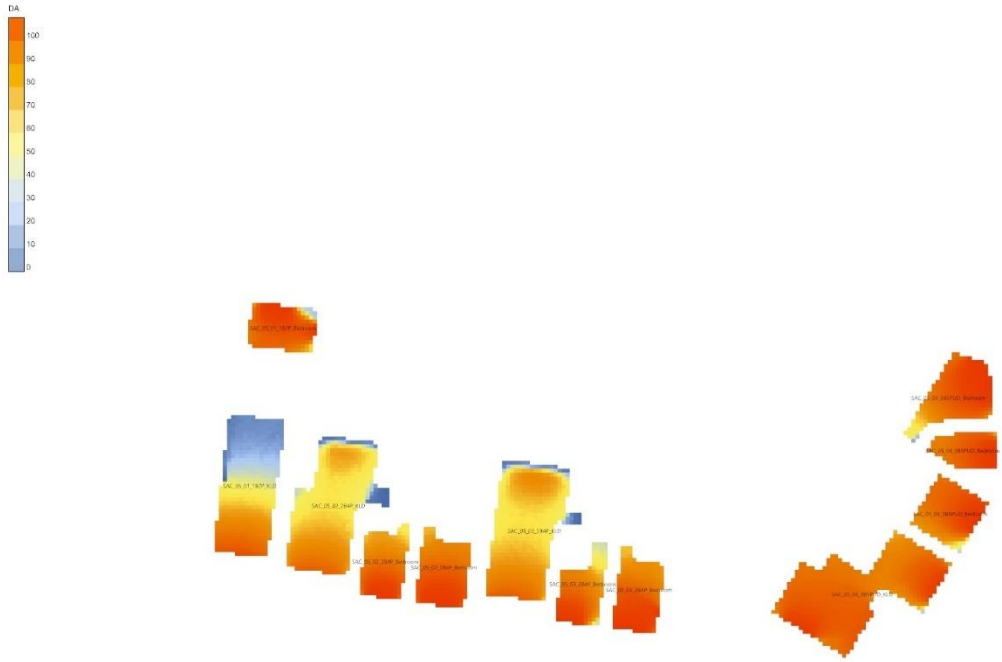


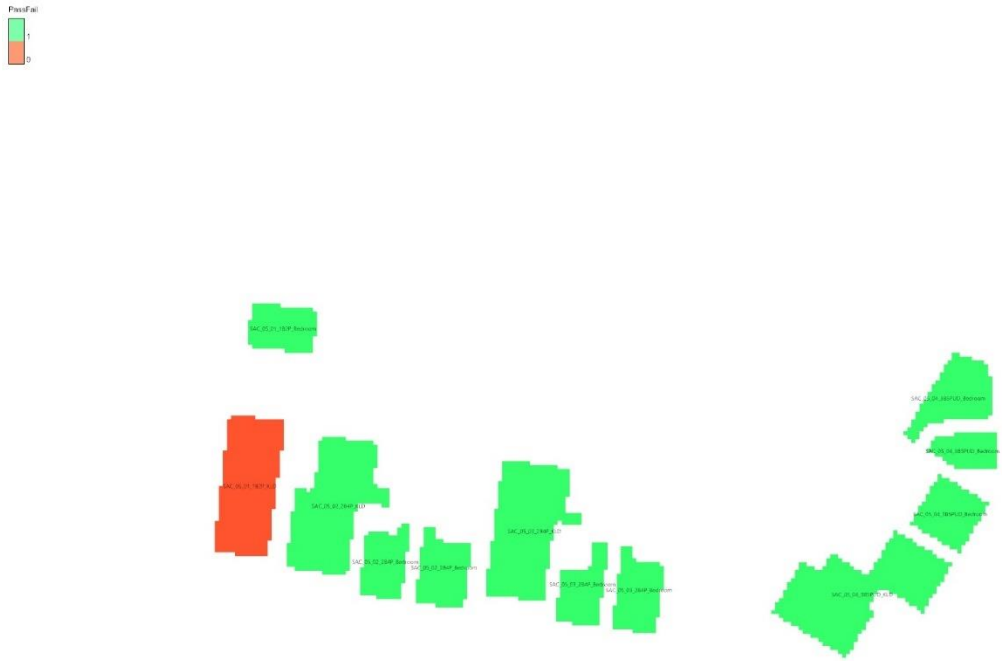


Level 4

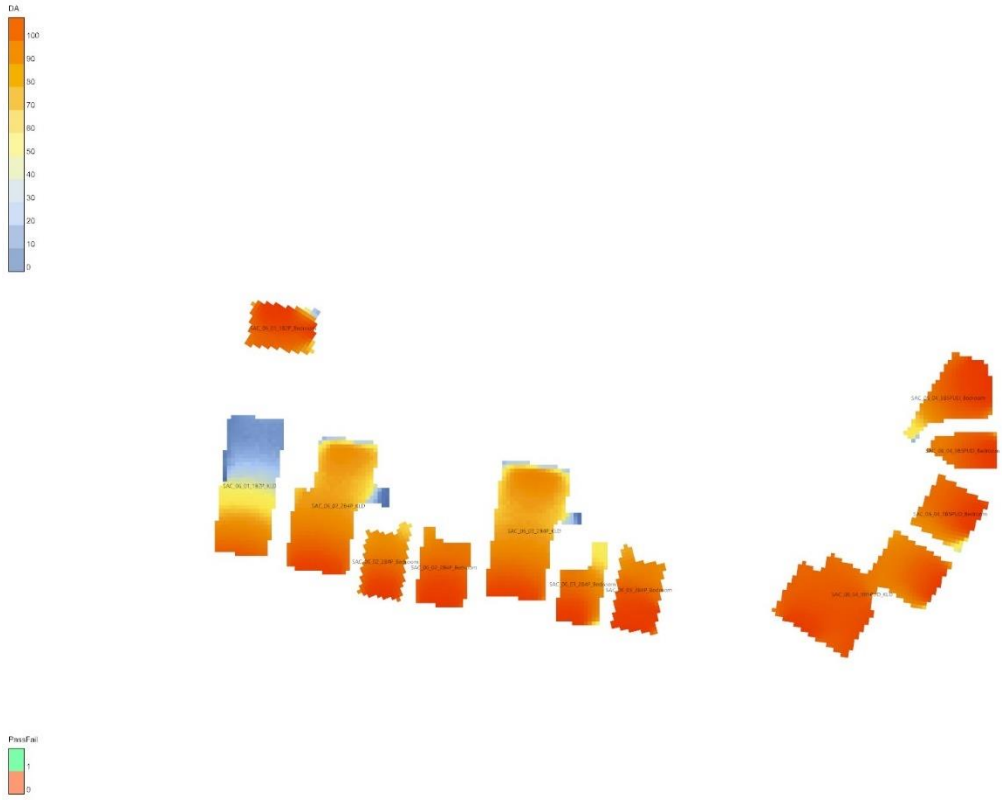


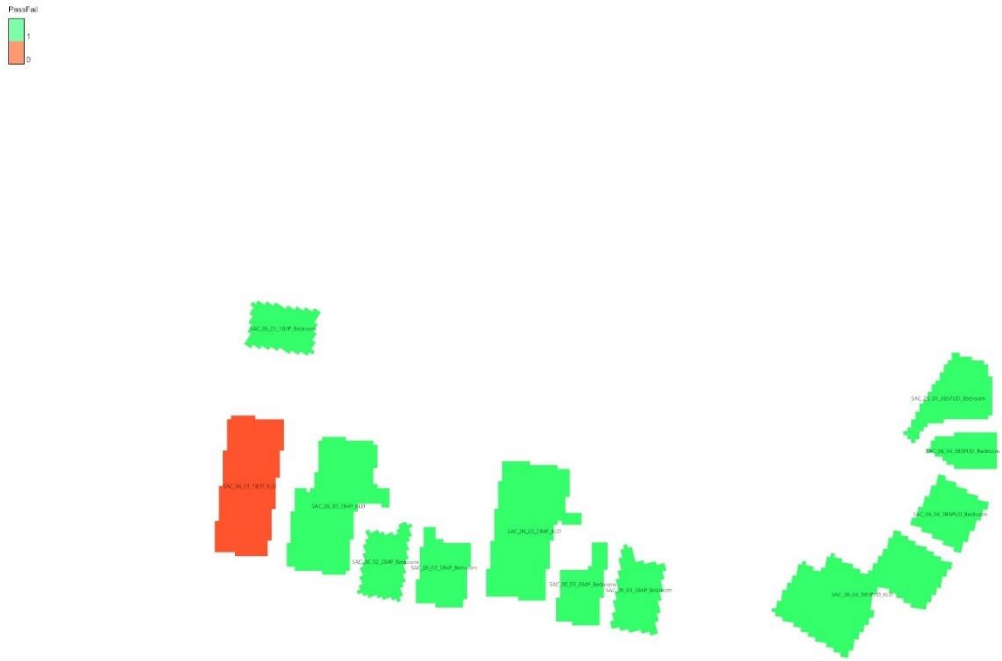
Level 5





Level 6





Results

Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	0	4	1B2PUD	KLD	0.27	FALSE	0.44	FALSE
SAC	0	4	1B2PUD	Bedroom	0.03	FALSE	0.19	FALSE
SAC	0	2	2B4PUD	Bedroom	0.20	FALSE	0.43	FALSE
SAC	0	2	2B4PUD	Bedroom	0.00	FALSE	0.16	FALSE
SAC	0	3	3B5PUD	Bedroom	0.33	FALSE	0.79	TRUE
SAC	0	3	3B5PUD	Bedroom	0.38	FALSE	0.94	TRUE
SAC	0	3	3B5PUD	Bedroom	0.40	FALSE	0.91	TRUE
SAC	0	3	3B5PUD	KLD	0.54	FALSE	0.75	TRUE
SAC	0	1	1B2PUD	KLD	0.18	FALSE	0.35	FALSE
SAC	0	2	2B4PUD	KLD	0.25	FALSE	0.44	FALSE
SAC	0	1	1B2PUD	Bedroom	0.17	FALSE	0.37	FALSE
SAC	1	4	3B5P	Bedroom	0.31	FALSE	0.75	TRUE
SAC	1	3	2B4P	Bedroom	0.36	FALSE	0.60	TRUE
SAC	1	2	2B4P	Bedroom	0.14	FALSE	0.39	FALSE
SAC	1	2	2B4P	KLD	0.00	FALSE	0.00	FALSE
SAC	1	5	2B3P	KLD	0.43	FALSE	0.74	TRUE
SAC	1	5	2B3P	Bedroom	0.20	FALSE	0.54	TRUE
SAC	1	5	2B3P	Bedroom	0.37	FALSE	0.99	TRUE
SAC	1	4	3B5P	Bedroom	0.40	FALSE	1.00	TRUE
SAC	1	4	3B5P	Bedroom	0.44	FALSE	0.96	TRUE
SAC	1	3	2B4P	KLD	0.00	FALSE	0.07	FALSE
SAC	1	1	1B2P	KLD	0.05	FALSE	0.09	FALSE
SAC	1	4	3B5P	KLD	0.65	TRUE	0.94	TRUE
SAC	1	3	2B4P	Bedroom	0.15	FALSE	0.38	FALSE
SAC	1	2	2B4P	Bedroom	0.22	FALSE	0.54	TRUE
SAC	1	1	1B2P	Bedroom	0.06	FALSE	0.67	TRUE
SAC	2	2	2B4P	Bedroom	0.22	FALSE	0.54	TRUE
SAC	2	3	2B4P	Bedroom	0.35	FALSE	0.65	TRUE
SAC	2	4	3B5P	Bedroom	0.36	FALSE	0.81	TRUE
SAC	2	2	2B4P	KLD	0.10	FALSE	0.18	FALSE
SAC	2	1	1B2P	Bedroom	0.11	FALSE	0.75	TRUE
SAC	2	2	2B4P	Bedroom	0.19	FALSE	0.56	TRUE
SAC	2	3	2B4P	Bedroom	0.23	FALSE	0.57	TRUE
SAC	2	4	3B5P	KLD	0.84	TRUE	1.00	TRUE
SAC	2	1	1B2P	KLD	0.14	FALSE	0.21	FALSE

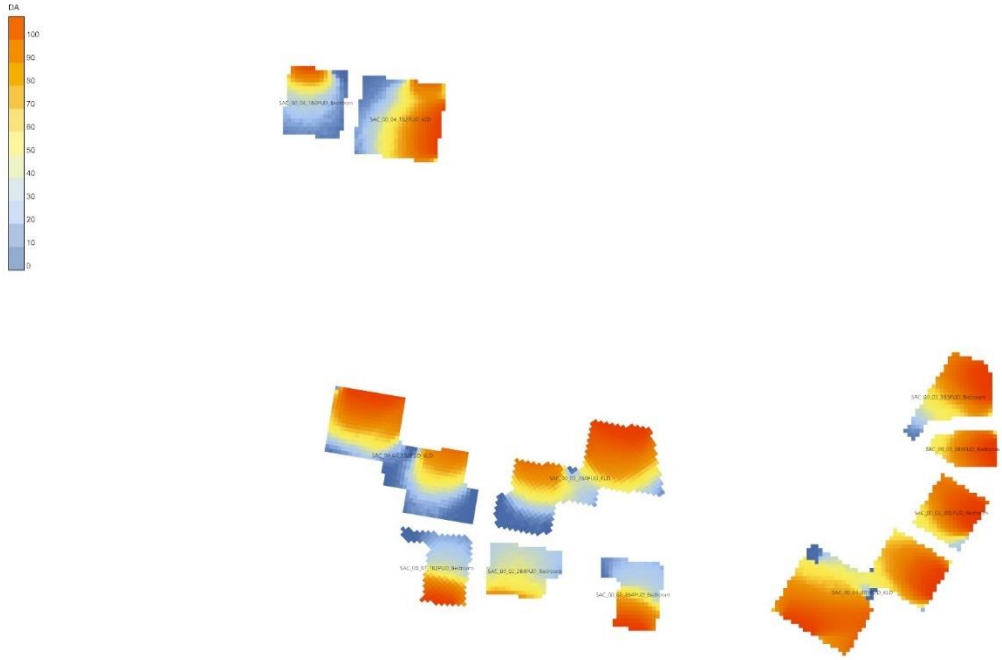
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	2	3	2B4P	KLD	0.11	FALSE	0.24	FALSE
SAC	2	4	3B5P	Bedroom	0.46	FALSE	0.96	TRUE
SAC	2	4	3B5P	Bedroom	0.46	FALSE	1.00	TRUE
SAC	2	5	2B3P	Bedroom	0.46	FALSE	0.99	TRUE
SAC	2	5	2B3P	Bedroom	0.24	FALSE	0.62	TRUE
SAC	2	5	2B3P	KLD	0.68	TRUE	0.91	TRUE
SAC	3	5	1B2P	Bedroom	0.34	FALSE	0.90	TRUE
SAC	3	5	1B2P	KLD	0.95	TRUE	0.99	TRUE
SAC	3	4	1B2P	Bedroom	0.57	TRUE	0.99	TRUE
SAC	3	4	1B2P	KLD	0.98	TRUE	0.99	TRUE
SAC	3	3	2B4P	KLD	0.17	FALSE	0.39	FALSE
SAC	3	3	2B4P	Bedroom	0.33	FALSE	0.81	TRUE
SAC	3	3	2B4P	Bedroom	0.38	FALSE	0.71	TRUE
SAC	3	2	2B4P	KLD	0.12	FALSE	0.34	FALSE
SAC	3	2	2B4P	Bedroom	0.21	FALSE	0.65	TRUE
SAC	3	2	2B4P	Bedroom	0.43	FALSE	0.85	TRUE
SAC	3	6	2B3P	KLD	0.87	TRUE	0.94	TRUE
SAC	3	6	2B3P	Bedroom	0.29	FALSE	0.70	TRUE
SAC	3	6	2B3P	Bedroom	0.53	TRUE	0.99	TRUE
SAC	3	1	1B2P	KLD	0.22	FALSE	0.31	FALSE
SAC	3	1	1B2P	Bedroom	0.33	FALSE	0.91	TRUE
SAC	4	1	1B2P	Bedroom	0.49	FALSE	0.94	TRUE
SAC	4	1	1B2P	KLD	0.30	FALSE	0.40	FALSE
SAC	4	2	2B4P	Bedroom	0.46	FALSE	0.96	TRUE
SAC	4	2	2B4P	Bedroom	0.31	FALSE	0.89	TRUE
SAC	4	2	2B4P	KLD	0.37	FALSE	0.88	TRUE
SAC	4	3	2B4P	Bedroom	0.38	FALSE	0.88	TRUE
SAC	4	3	2B4P	Bedroom	0.39	FALSE	0.92	TRUE
SAC	4	3	2B4P	KLD	0.34	FALSE	0.79	TRUE
SAC	4	4	1B2P	KLD	0.99	TRUE	0.99	TRUE
SAC	4	4	1B2P	Bedroom	0.62	TRUE	0.99	TRUE
SAC	4	5	1B2P	KLD	0.97	TRUE	0.99	TRUE
SAC	4	5	1B2P	Bedroom	0.75	TRUE	0.99	TRUE
SAC	5	4	3B5PUD	Bedroom	0.62	TRUE	0.98	TRUE
SAC	5	3	2B4P	Bedroom	0.66	TRUE	1.00	TRUE
SAC	5	2	2B4P	Bedroom	0.50	FALSE	1.00	TRUE
SAC	5	2	2B4P	KLD	0.29	FALSE	0.82	TRUE

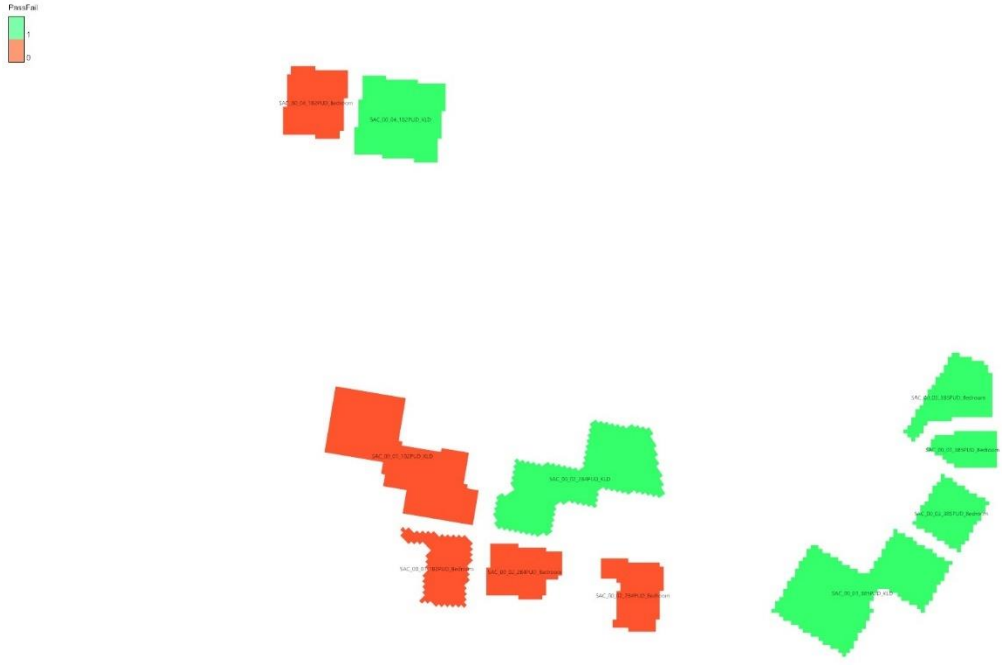
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	5	1	1B2P	KLD	0.33	FALSE	0.45	FALSE
SAC	5	4	3B5PUD	Bedroom	0.64	TRUE	1.00	TRUE
SAC	5	4	3B5PUD	Bedroom	0.63	TRUE	0.98	TRUE
SAC	5	3	2B4P	KLD	0.35	FALSE	0.88	TRUE
SAC	5	4	3B5PUD	KLD	0.99	TRUE	1.00	TRUE
SAC	5	3	2B4P	Bedroom	0.45	FALSE	0.89	TRUE
SAC	5	2	2B4P	Bedroom	0.70	TRUE	1.00	TRUE
SAC	5	1	1B2P	Bedroom	0.59	TRUE	0.95	TRUE
SAC	6	2	2B4P	KLD	0.69	TRUE	0.92	TRUE
SAC	6	1	1B2P	Bedroom	0.65	TRUE	0.97	TRUE
SAC	6	2	2B4P	Bedroom	0.80	TRUE	1.00	TRUE
SAC	6	3	2B4P	Bedroom	0.53	FALSE	0.93	TRUE
SAC	6	4	3B5PUD	KLD	1.00	TRUE	1.00	TRUE
SAC	6	3	2B4P	KLD	0.69	TRUE	0.94	TRUE
SAC	6	4	3B5PUD	Bedroom	0.65	TRUE	0.98	TRUE
SAC	6	4	3B5PUD	Bedroom	0.66	TRUE	1.00	TRUE
SAC	6	1	1B2P	KLD	0.28	FALSE	0.41	FALSE
SAC	6	2	2B4P	Bedroom	0.54	TRUE	1.00	TRUE
SAC	6	3	2B4P	Bedroom	0.70	TRUE	1.00	TRUE
SAC	6	4	3B5PUD	Bedroom	0.63	TRUE	0.98	TRUE

10.2 Scenario 1 Results -KLD as Living Rooms

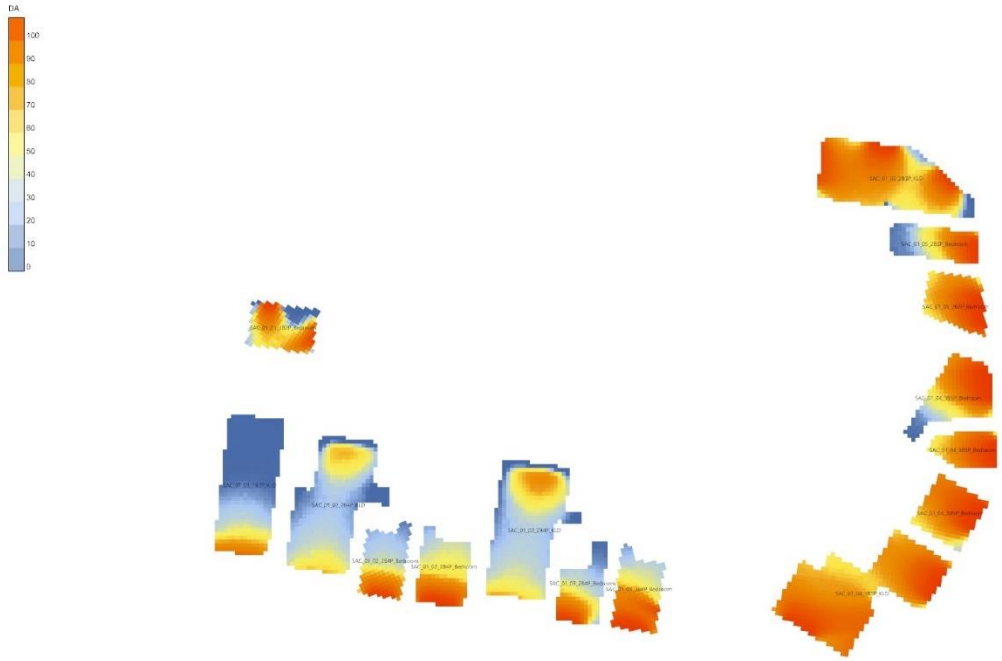
Images

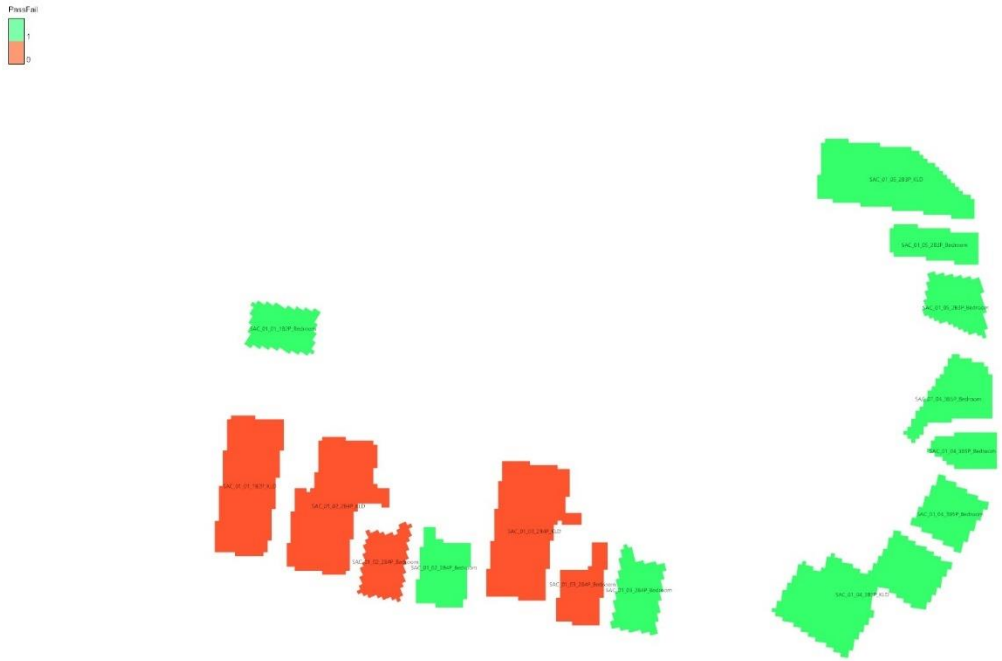
Level 0



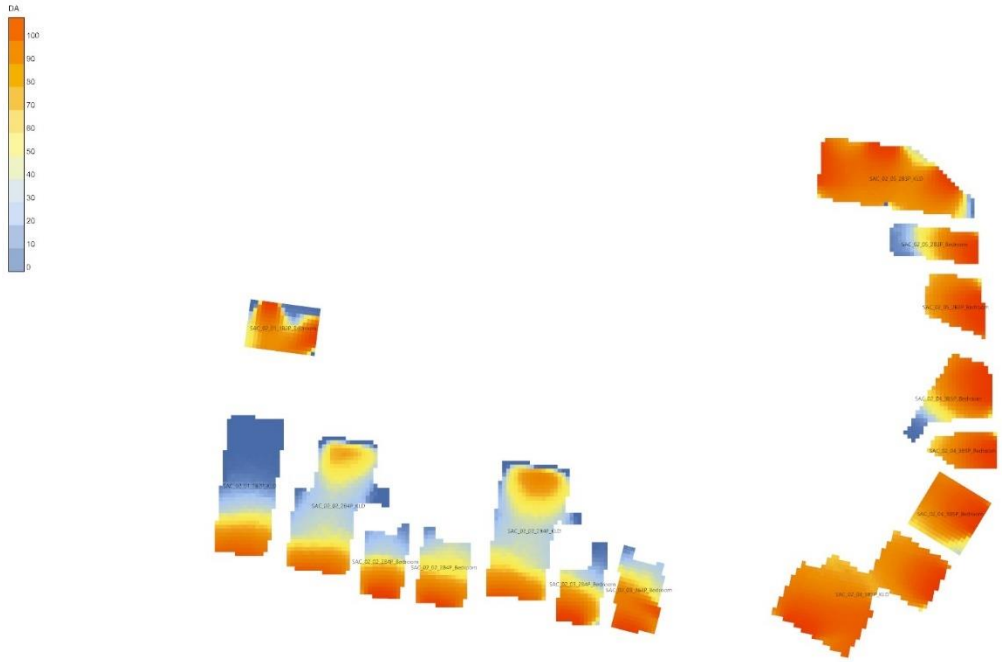


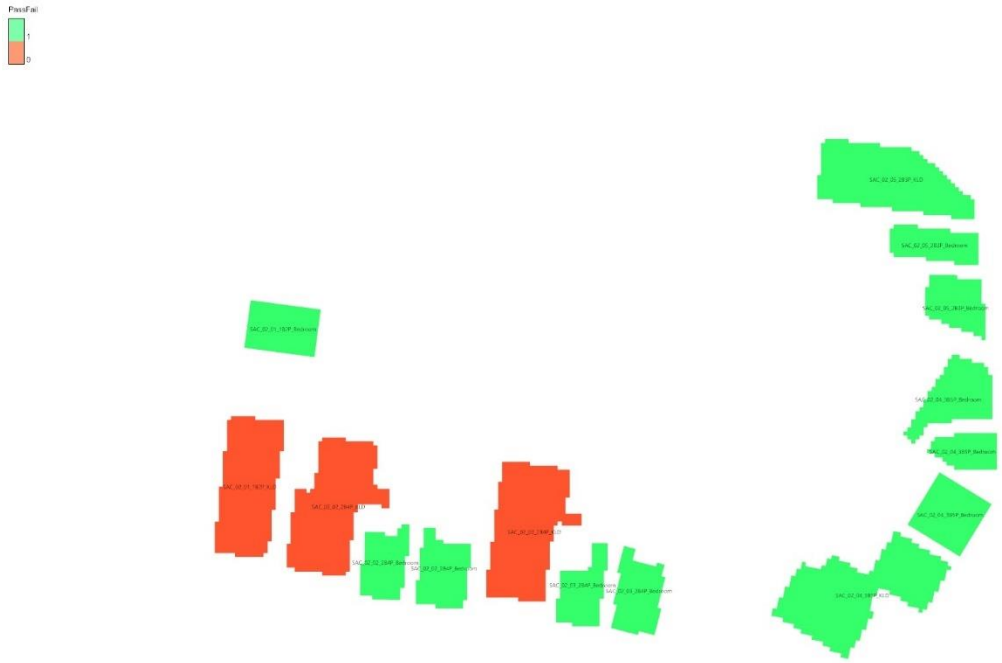
Level 1



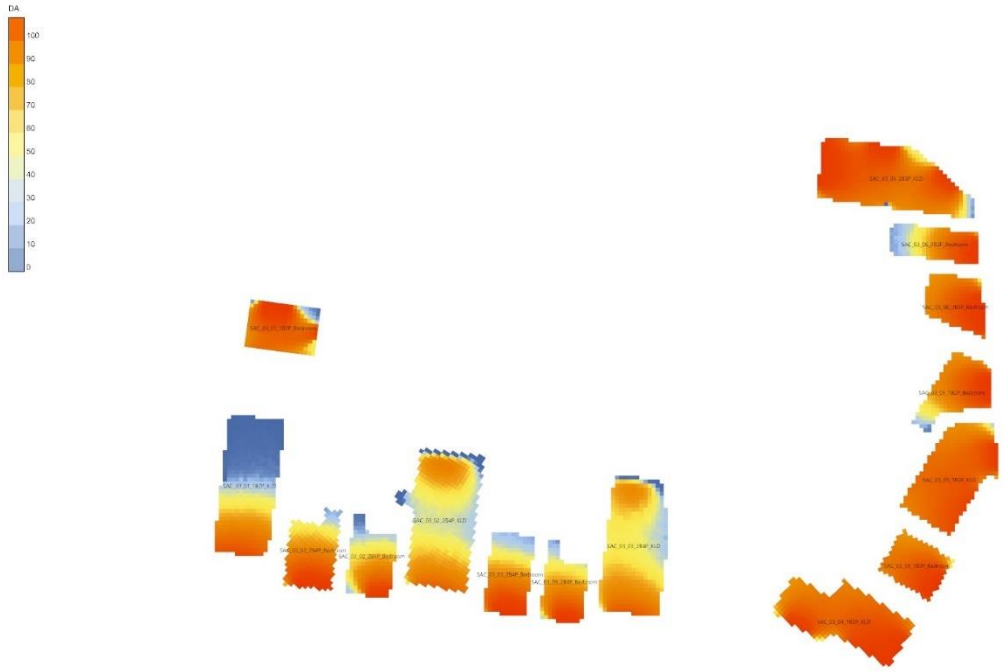


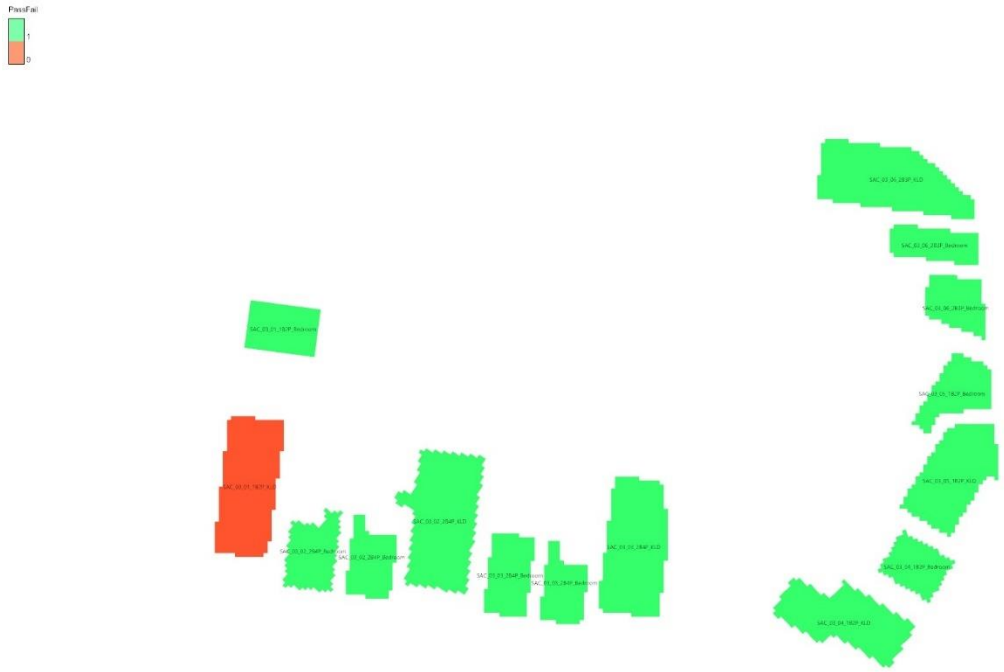
Level 2



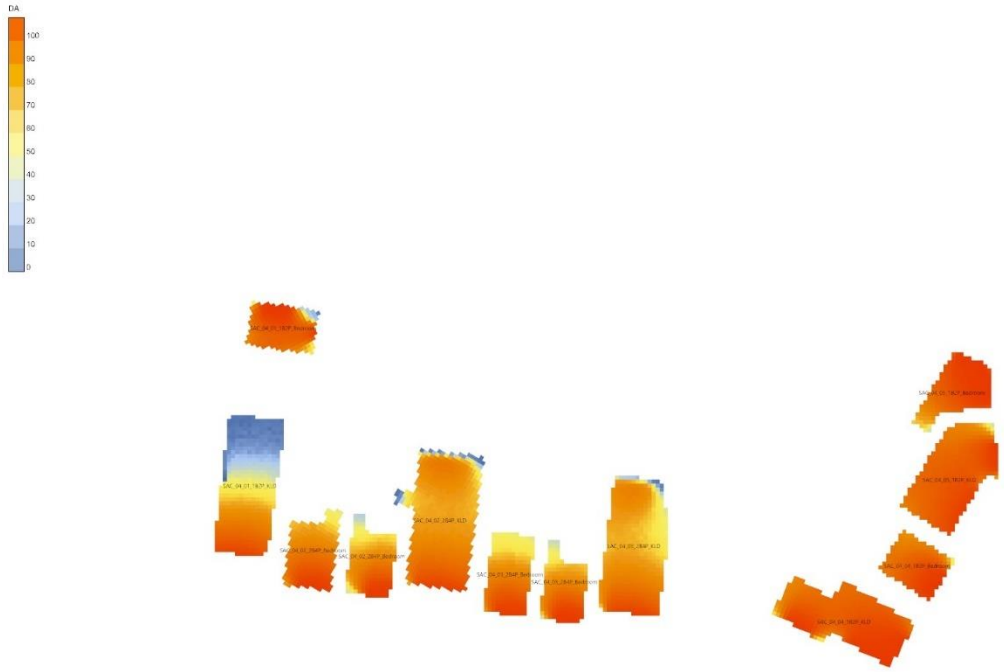


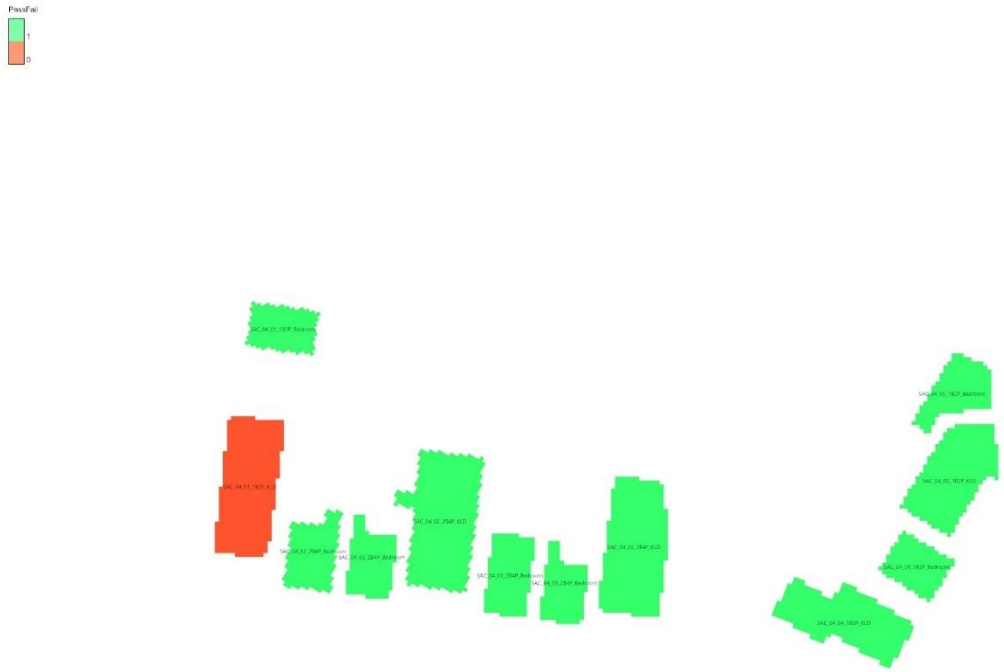
Level 3



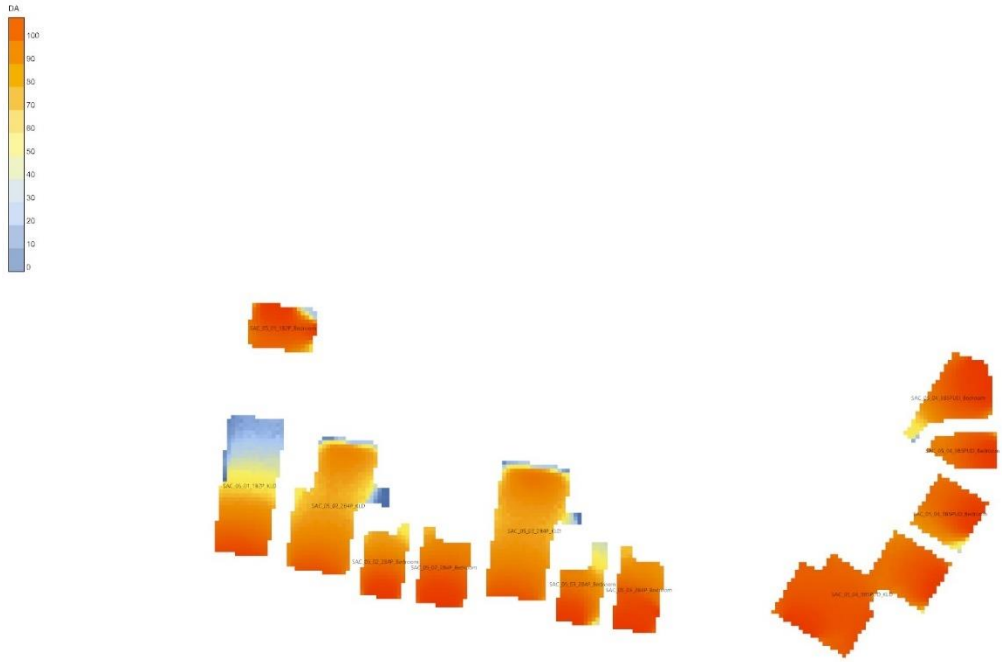


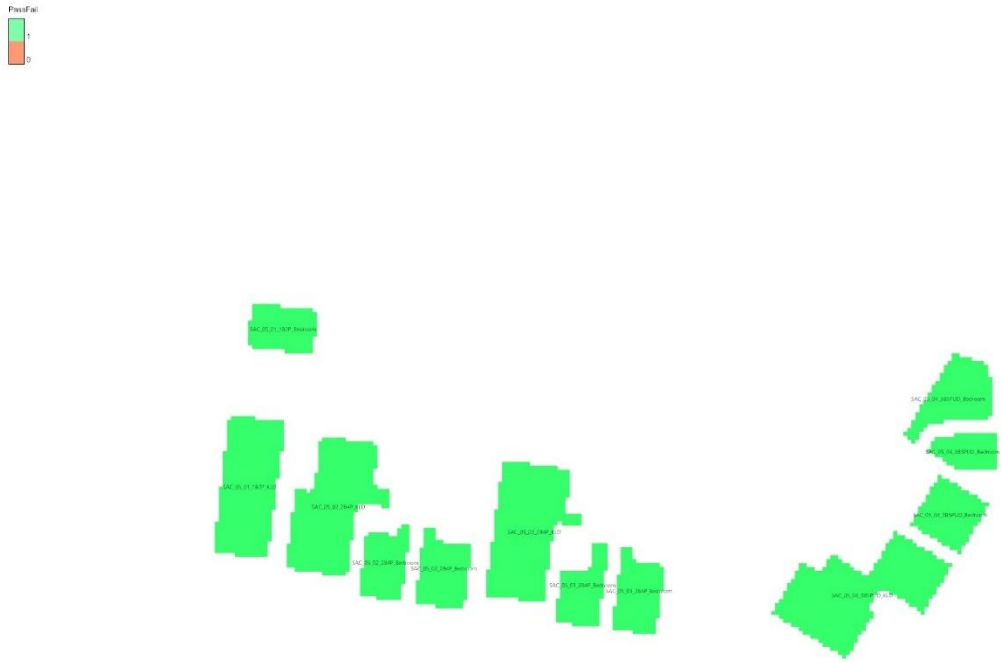
Level 4



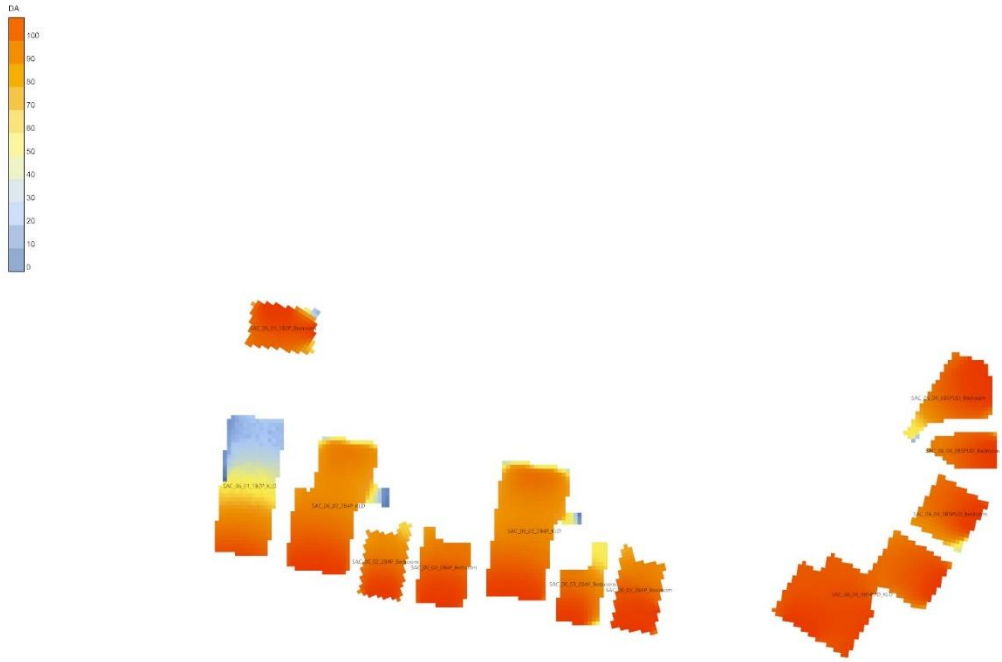


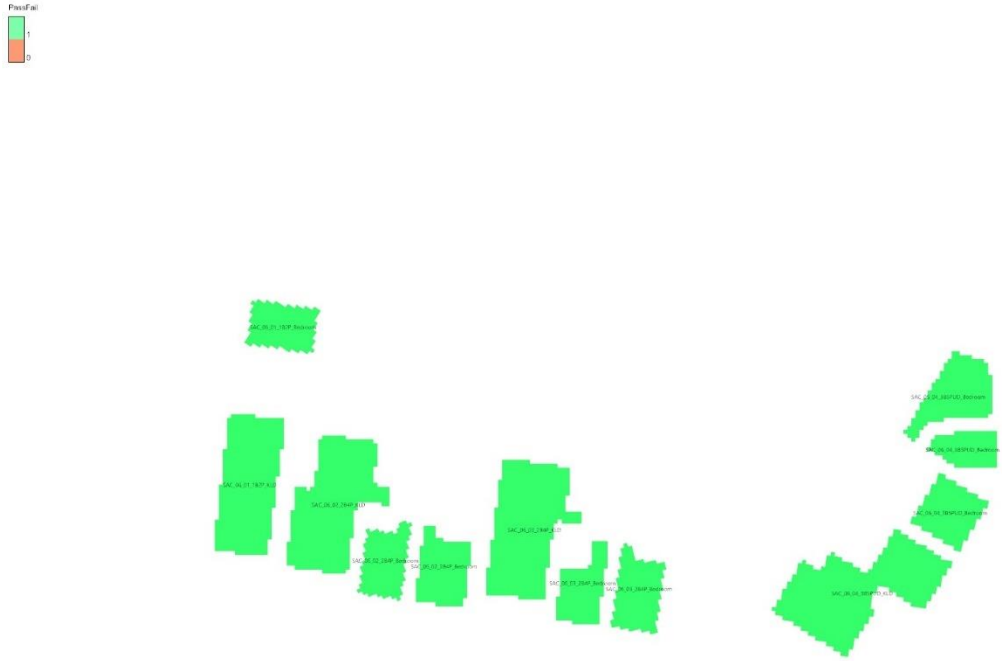
Level 5





Level 6





Results

Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	0	4	1B2PUD	KLD	0.27	FALSE	0.55	TRUE
SAC	0	4	1B2PUD	Bedroom	0.03	FALSE	0.19	FALSE
SAC	0	2	2B4PUD	Bedroom	0.20	FALSE	0.43	FALSE
SAC	0	2	2B4PUD	Bedroom	0.00	FALSE	0.16	FALSE
SAC	0	3	3B5PUD	Bedroom	0.33	FALSE	0.79	TRUE
SAC	0	3	3B5PUD	Bedroom	0.38	FALSE	0.94	TRUE
SAC	0	3	3B5PUD	Bedroom	0.40	FALSE	0.91	TRUE
SAC	0	3	3B5PUD	KLD	0.54	FALSE	0.85	TRUE
SAC	0	1	1B2PUD	KLD	0.18	FALSE	0.48	FALSE
SAC	0	2	2B4PUD	KLD	0.25	FALSE	0.57	TRUE
SAC	0	1	1B2PUD	Bedroom	0.17	FALSE	0.37	FALSE
SAC	1	4	3B5P	Bedroom	0.31	FALSE	0.75	TRUE
SAC	1	3	2B4P	Bedroom	0.36	FALSE	0.60	TRUE
SAC	1	2	2B4P	Bedroom	0.14	FALSE	0.39	FALSE
SAC	1	2	2B4P	KLD	0.00	FALSE	0.12	FALSE
SAC	1	5	2B3P	KLD	0.43	FALSE	0.90	TRUE
SAC	1	5	2B3P	Bedroom	0.20	FALSE	0.54	TRUE
SAC	1	5	2B3P	Bedroom	0.37	FALSE	0.99	TRUE
SAC	1	4	3B5P	Bedroom	0.40	FALSE	1.00	TRUE
SAC	1	4	3B5P	Bedroom	0.44	FALSE	0.96	TRUE
SAC	1	3	2B4P	KLD	0.00	FALSE	0.20	FALSE
SAC	1	1	1B2P	KLD	0.05	FALSE	0.12	FALSE
SAC	1	4	3B5P	KLD	0.65	TRUE	1.00	TRUE
SAC	1	3	2B4P	Bedroom	0.15	FALSE	0.38	FALSE
SAC	1	2	2B4P	Bedroom	0.22	FALSE	0.54	TRUE
SAC	1	1	1B2P	Bedroom	0.06	FALSE	0.67	TRUE
SAC	2	2	2B4P	Bedroom	0.22	FALSE	0.54	TRUE
SAC	2	3	2B4P	Bedroom	0.35	FALSE	0.65	TRUE
SAC	2	4	3B5P	Bedroom	0.36	FALSE	0.81	TRUE
SAC	2	2	2B4P	KLD	0.10	FALSE	0.32	FALSE
SAC	2	1	1B2P	Bedroom	0.11	FALSE	0.75	TRUE
SAC	2	2	2B4P	Bedroom	0.19	FALSE	0.56	TRUE
SAC	2	3	2B4P	Bedroom	0.23	FALSE	0.57	TRUE
SAC	2	4	3B5P	KLD	0.84	TRUE	1.00	TRUE

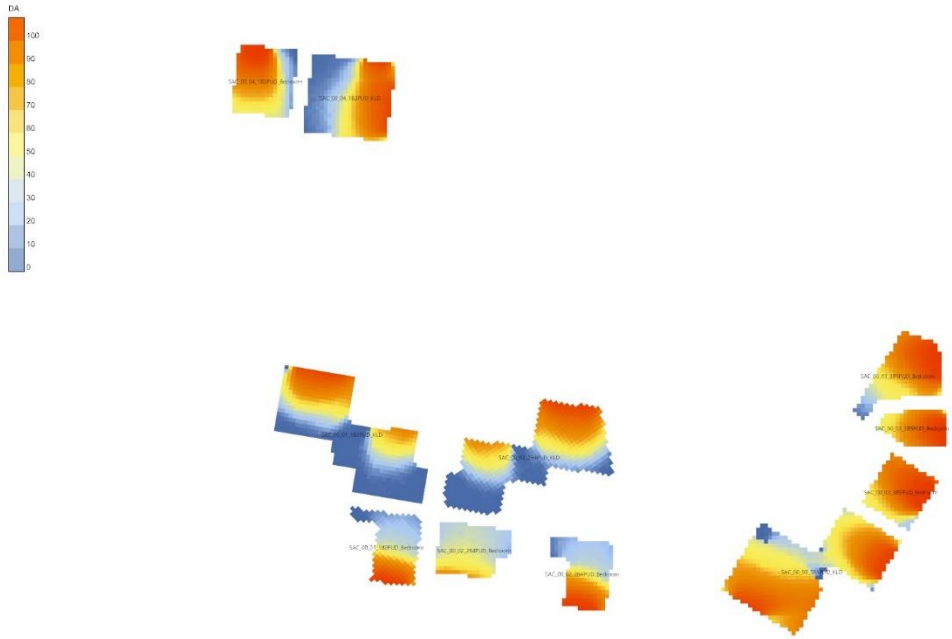
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	2	1	1B2P	KLD	0.14	FALSE	0.26	FALSE
SAC	2	3	2B4P	KLD	0.11	FALSE	0.41	FALSE
SAC	2	4	3B5P	Bedroom	0.46	FALSE	0.96	TRUE
SAC	2	4	3B5P	Bedroom	0.46	FALSE	1.00	TRUE
SAC	2	5	2B3P	Bedroom	0.46	FALSE	0.99	TRUE
SAC	2	5	2B3P	Bedroom	0.24	FALSE	0.62	TRUE
SAC	2	5	2B3P	KLD	0.68	TRUE	0.95	TRUE
SAC	3	5	1B2P	Bedroom	0.34	FALSE	0.90	TRUE
SAC	3	5	1B2P	KLD	0.95	TRUE	0.99	TRUE
SAC	3	4	1B2P	Bedroom	0.57	TRUE	0.99	TRUE
SAC	3	4	1B2P	KLD	0.98	TRUE	1.00	TRUE
SAC	3	3	2B4P	KLD	0.17	FALSE	0.70	TRUE
SAC	3	3	2B4P	Bedroom	0.33	FALSE	0.81	TRUE
SAC	3	3	2B4P	Bedroom	0.38	FALSE	0.71	TRUE
SAC	3	2	2B4P	KLD	0.12	FALSE	0.53	TRUE
SAC	3	2	2B4P	Bedroom	0.21	FALSE	0.65	TRUE
SAC	3	2	2B4P	Bedroom	0.43	FALSE	0.85	TRUE
SAC	3	6	2B3P	KLD	0.87	TRUE	0.96	TRUE
SAC	3	6	2B3P	Bedroom	0.29	FALSE	0.70	TRUE
SAC	3	6	2B3P	Bedroom	0.53	TRUE	0.99	TRUE
SAC	3	1	1B2P	KLD	0.22	FALSE	0.37	FALSE
SAC	3	1	1B2P	Bedroom	0.33	FALSE	0.91	TRUE
SAC	4	1	1B2P	Bedroom	0.49	FALSE	0.94	TRUE
SAC	4	1	1B2P	KLD	0.30	FALSE	0.48	FALSE
SAC	4	2	2B4P	Bedroom	0.46	FALSE	0.96	TRUE
SAC	4	2	2B4P	Bedroom	0.31	FALSE	0.89	TRUE
SAC	4	2	2B4P	KLD	0.37	FALSE	0.94	TRUE
SAC	4	3	2B4P	Bedroom	0.38	FALSE	0.88	TRUE
SAC	4	3	2B4P	Bedroom	0.39	FALSE	0.92	TRUE
SAC	4	3	2B4P	KLD	0.34	FALSE	0.94	TRUE
SAC	4	4	1B2P	KLD	0.99	TRUE	1.00	TRUE
SAC	4	4	1B2P	Bedroom	0.62	TRUE	0.99	TRUE
SAC	4	5	1B2P	KLD	0.97	TRUE	0.99	TRUE
SAC	4	5	1B2P	Bedroom	0.75	TRUE	0.99	TRUE
SAC	5	4	3B5PUD	Bedroom	0.62	TRUE	0.98	TRUE

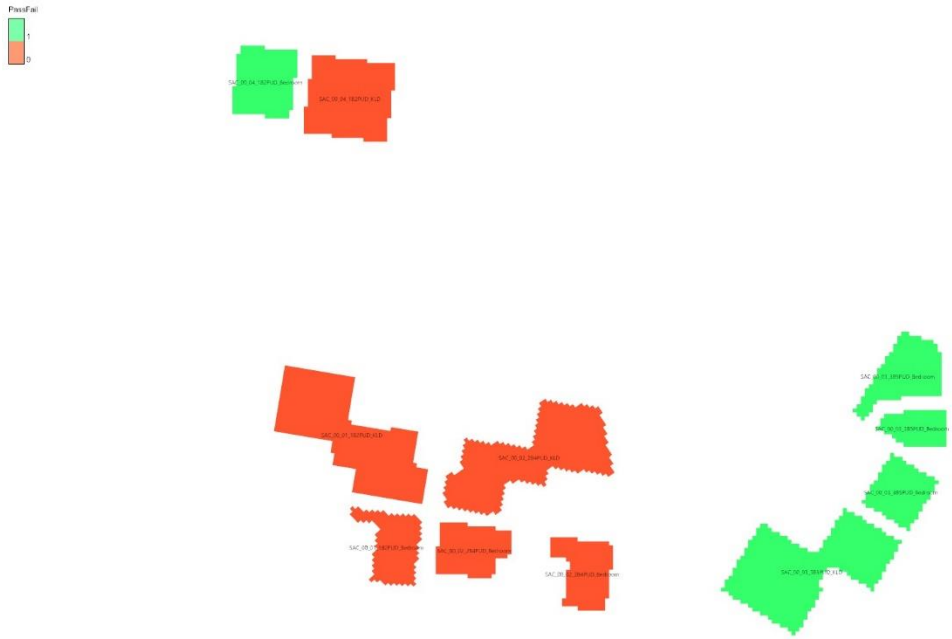
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	5	3	2B4P	Bedroom	0.66	TRUE	1.00	TRUE
SAC	5	2	2B4P	Bedroom	0.50	FALSE	1.00	TRUE
SAC	5	2	2B4P	KLD	0.29	FALSE	0.92	TRUE
SAC	5	1	1B2P	KLD	0.33	FALSE	0.54	TRUE
SAC	5	4	3B5PUD	Bedroom	0.64	TRUE	1.00	TRUE
SAC	5	4	3B5PUD	Bedroom	0.63	TRUE	0.98	TRUE
SAC	5	3	2B4P	KLD	0.35	FALSE	0.94	TRUE
SAC	5	4	3B5PUD	KLD	0.99	TRUE	1.00	TRUE
SAC	5	3	2B4P	Bedroom	0.45	FALSE	0.89	TRUE
SAC	5	2	2B4P	Bedroom	0.70	TRUE	1.00	TRUE
SAC	5	1	1B2P	Bedroom	0.59	TRUE	0.95	TRUE
SAC	6	2	2B4P	KLD	0.69	TRUE	0.94	TRUE
SAC	6	1	1B2P	Bedroom	0.65	TRUE	0.97	TRUE
SAC	6	2	2B4P	Bedroom	0.80	TRUE	1.00	TRUE
SAC	6	3	2B4P	Bedroom	0.53	FALSE	0.93	TRUE
SAC	6	4	3B5PUD	KLD	1.00	TRUE	1.00	TRUE
SAC	6	3	2B4P	KLD	0.69	TRUE	0.95	TRUE
SAC	6	4	3B5PUD	Bedroom	0.65	TRUE	0.98	TRUE
SAC	6	4	3B5PUD	Bedroom	0.66	TRUE	1.00	TRUE
SAC	6	1	1B2P	KLD	0.28	FALSE	0.51	TRUE
SAC	6	2	2B4P	Bedroom	0.54	TRUE	1.00	TRUE
SAC	6	3	2B4P	Bedroom	0.70	TRUE	1.00	TRUE
SAC	6	4	3B5PUD	Bedroom	0.63	TRUE	0.98	TRUE

10.3 Scenario 2 – With KLDs as Kitchens

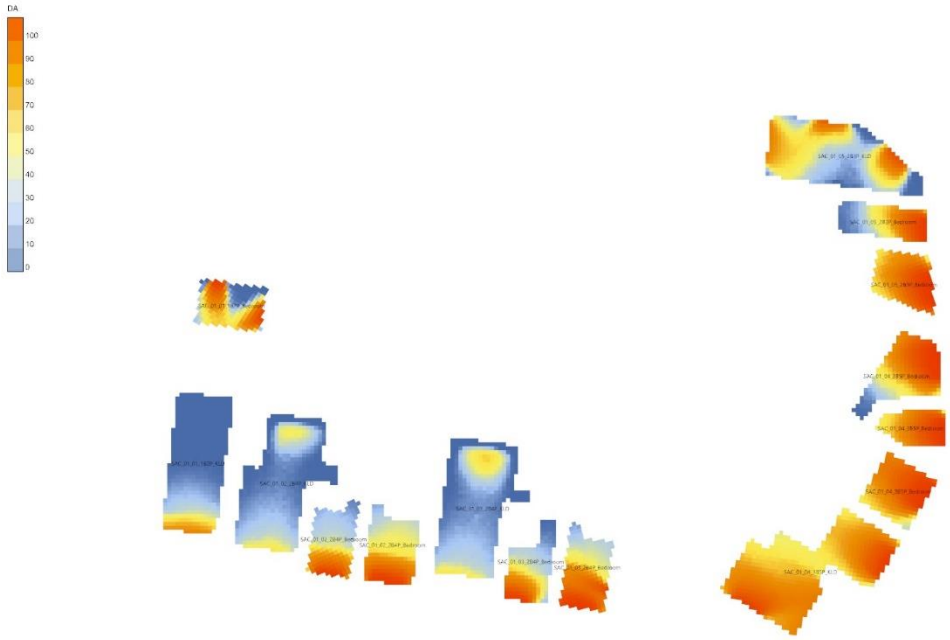
Images

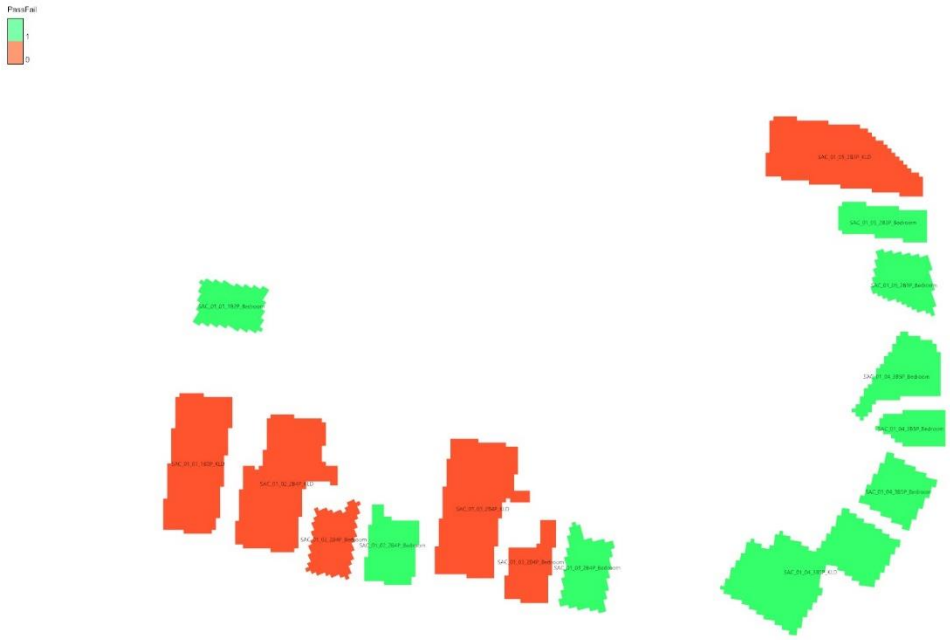
Level 0



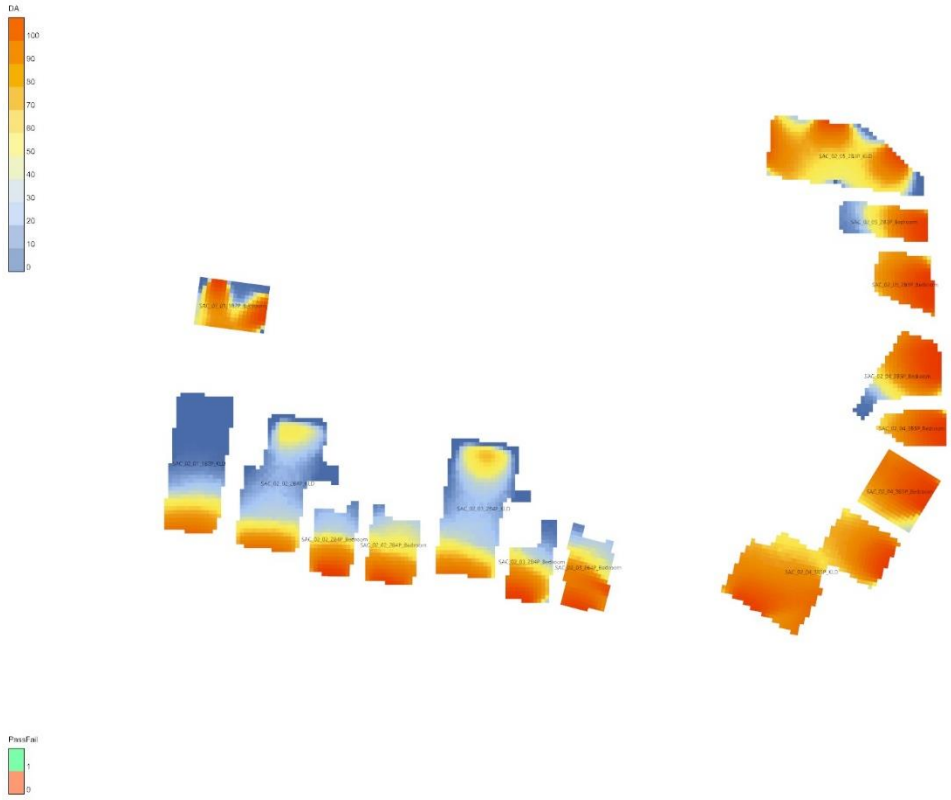


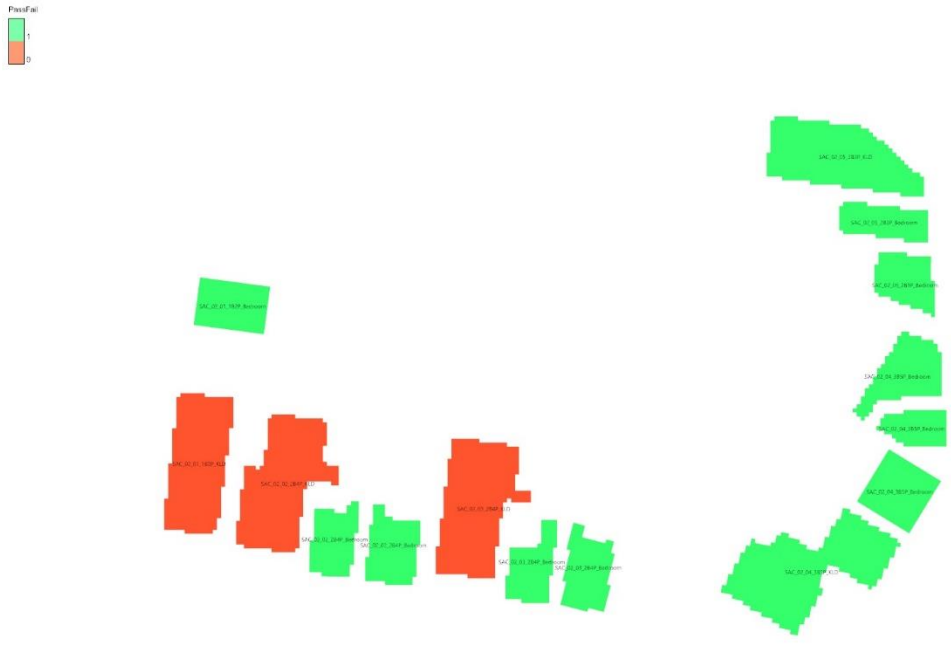
Level 1



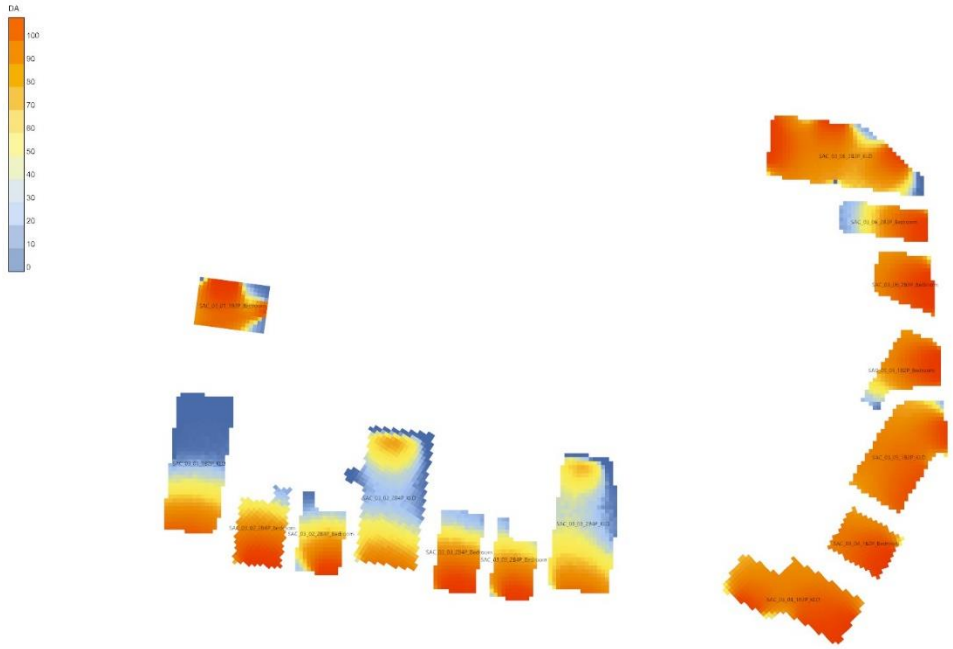


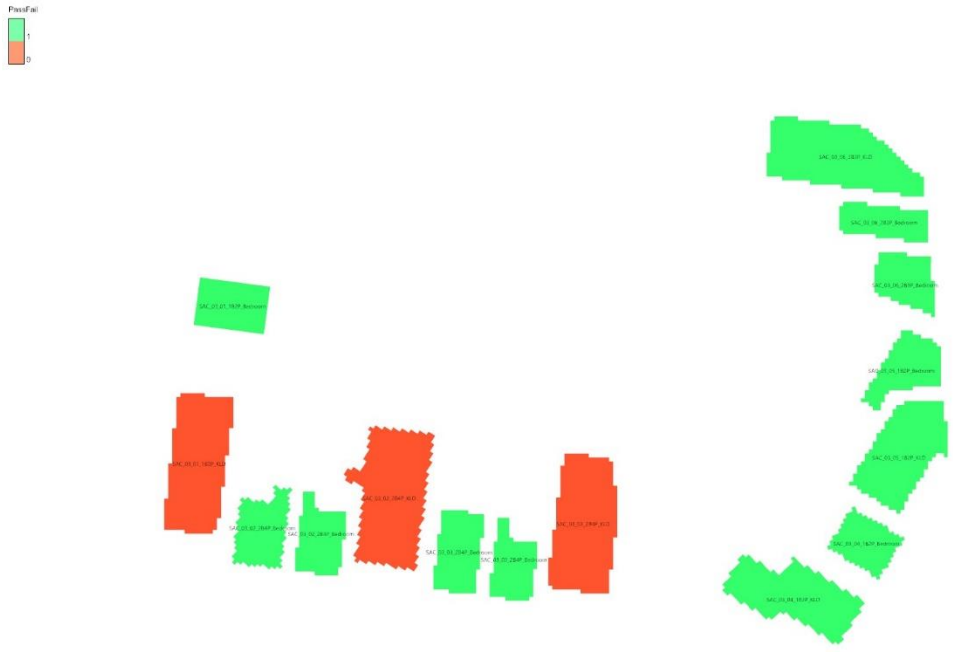
Level 2



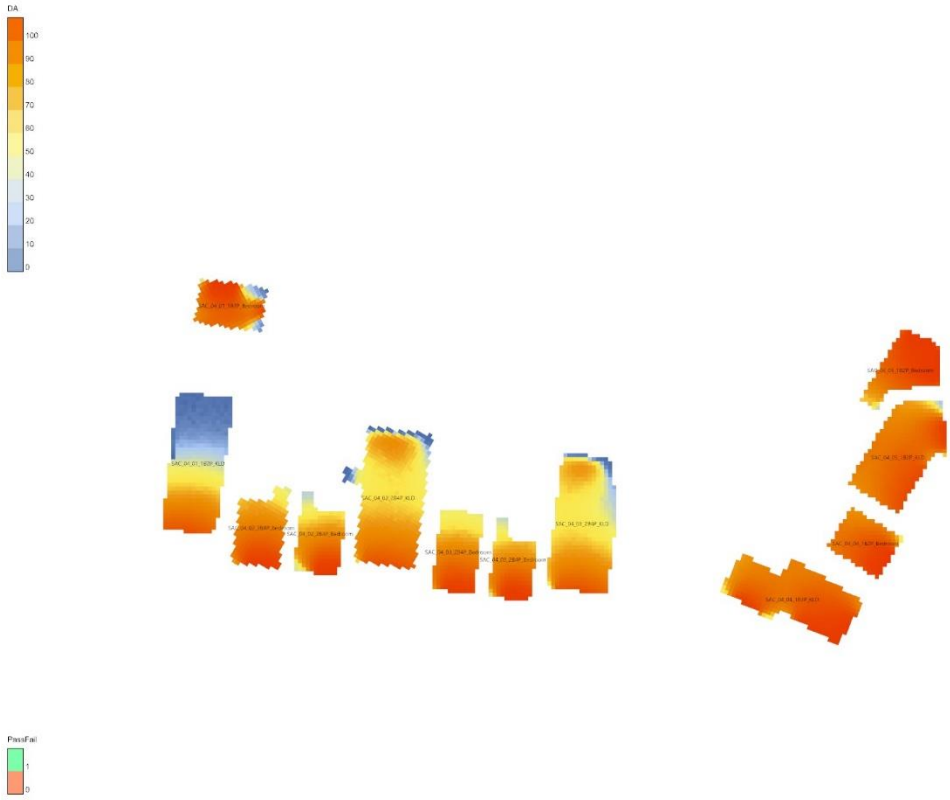


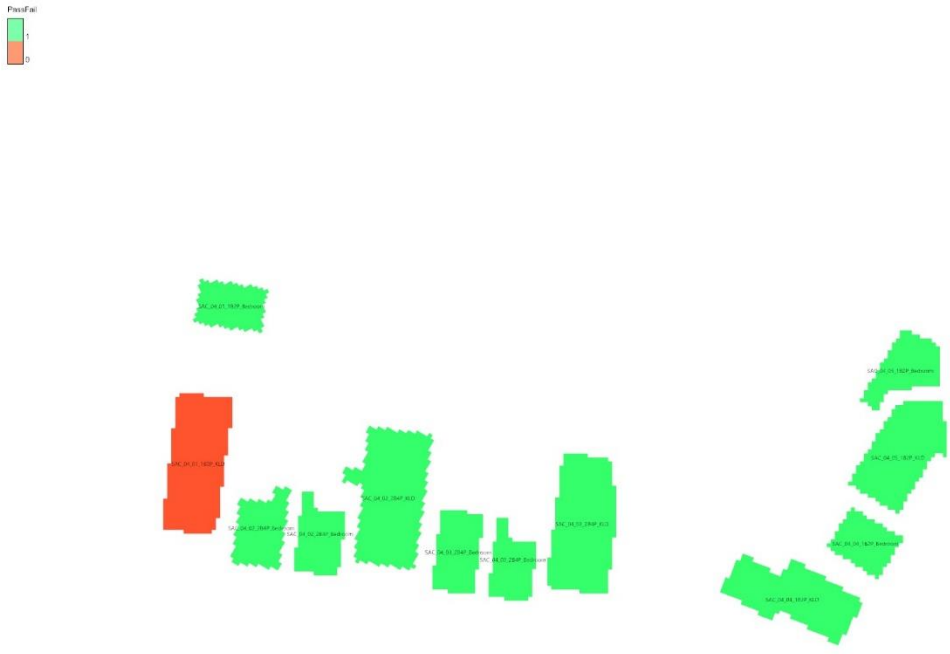
Level 3



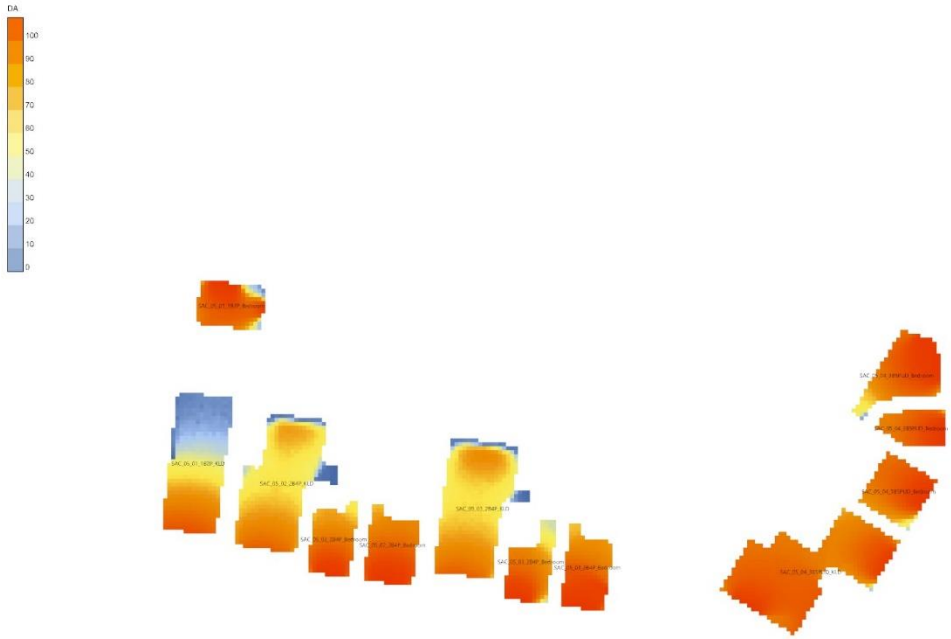


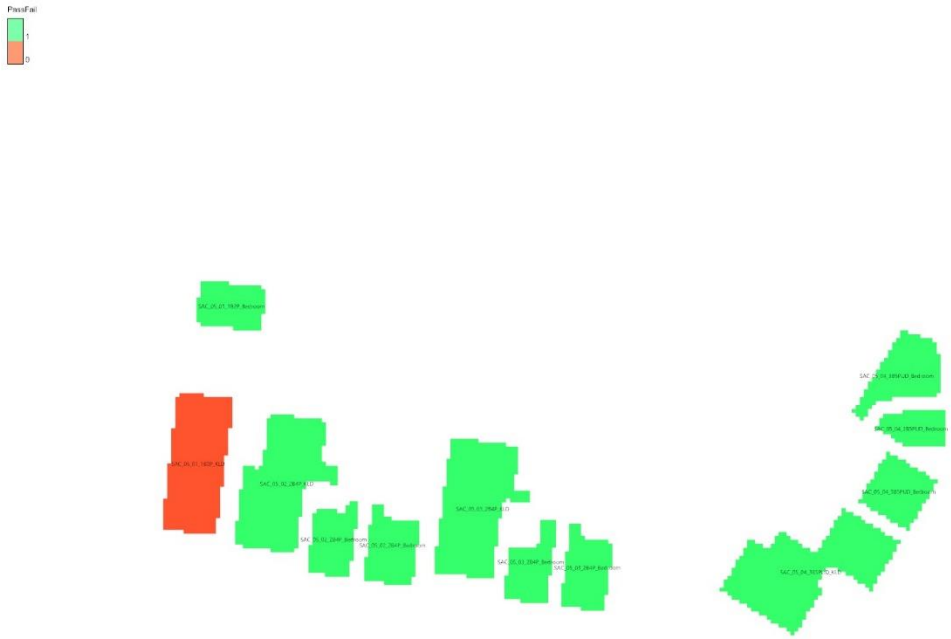
Level 4



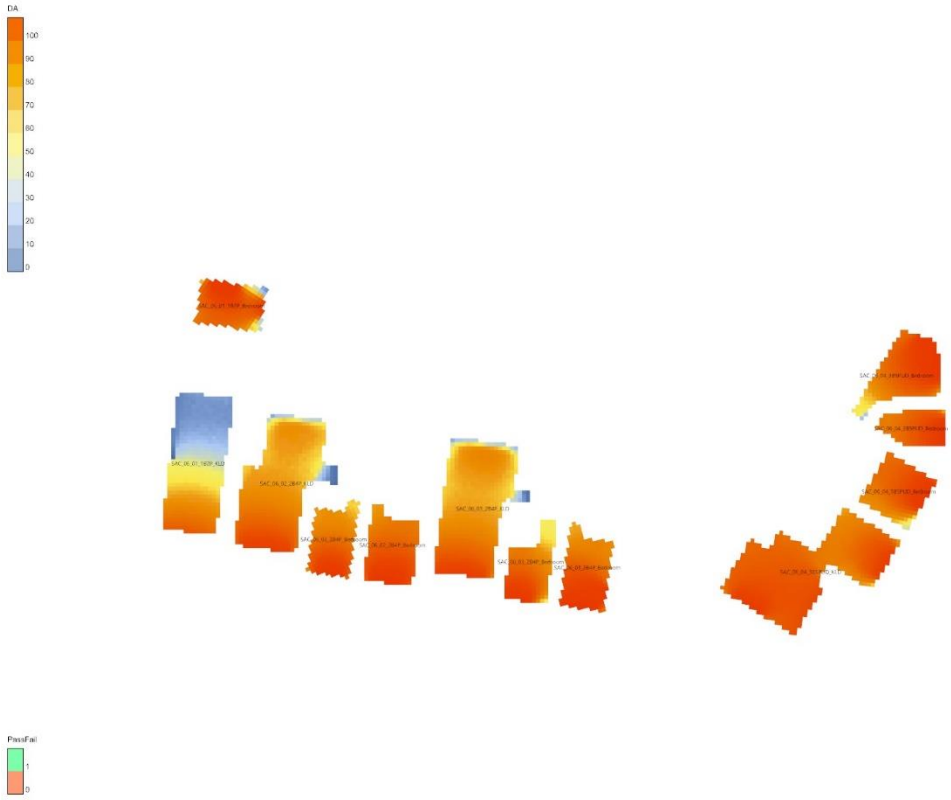


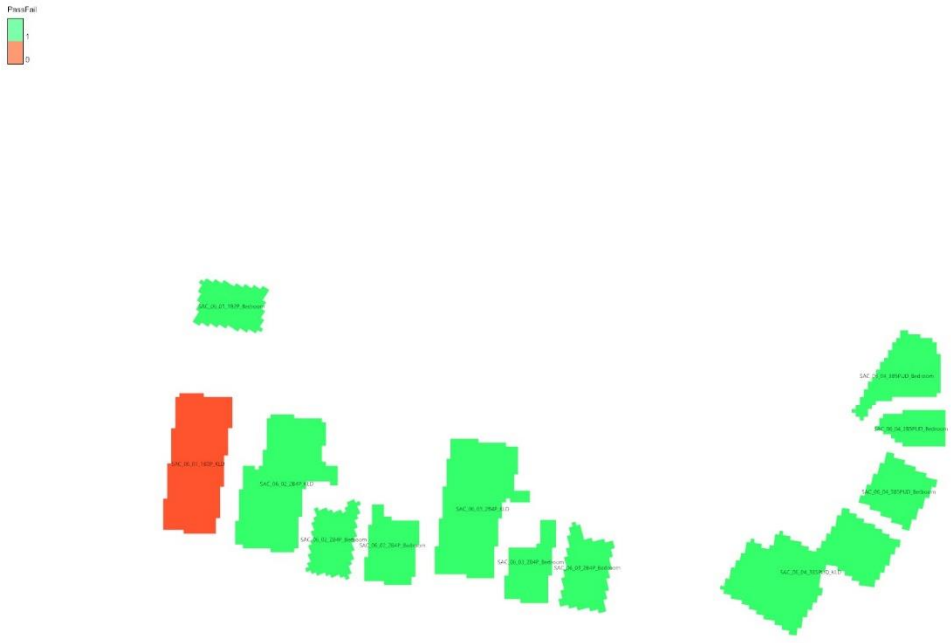
Level 5





Level 6





Results

Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	0	4	1B2PUD	KLD	36.3%	FALSE	48.1%	FALSE
SAC	0	4	1B2PUD	Bedroom	16.9%	FALSE	64.5%	TRUE
SAC	0	2	2B4PUD	Bedroom	20.5%	FALSE	42.9%	FALSE
SAC	0	2	2B4PUD	Bedroom	0.0%	FALSE	16.3%	FALSE
SAC	0	3	3B5PUD	Bedroom	32.0%	FALSE	78.7%	TRUE
SAC	0	3	3B5PUD	Bedroom	36.8%	FALSE	94.7%	TRUE
SAC	0	3	3B5PUD	Bedroom	40.0%	FALSE	91.5%	TRUE
SAC	0	3	3B5PUD	KLD	54.4%	FALSE	74.8%	TRUE
SAC	0	1	1B2PUD	KLD	16.0%	FALSE	31.9%	FALSE
SAC	0	2	2B4PUD	KLD	19.8%	FALSE	38.0%	FALSE
SAC	0	1	1B2PUD	Bedroom	17.9%	FALSE	36.3%	FALSE
SAC	1	4	3B5P	Bedroom	29.9%	FALSE	73.0%	TRUE
SAC	1	3	2B4P	Bedroom	36.2%	FALSE	59.2%	TRUE
SAC	1	2	2B4P	Bedroom	13.6%	FALSE	39.7%	FALSE
SAC	1	2	2B4P	KLD	0.0%	FALSE	0.2%	FALSE
SAC	1	5	2B3P	KLD	13.9%	FALSE	38.6%	FALSE
SAC	1	5	2B3P	Bedroom	19.9%	FALSE	54.4%	TRUE
SAC	1	5	2B3P	Bedroom	37.4%	FALSE	99.5%	TRUE
SAC	1	4	3B5P	Bedroom	39.1%	FALSE	99.2%	TRUE
SAC	1	4	3B5P	Bedroom	43.6%	FALSE	95.6%	TRUE
SAC	1	3	2B4P	KLD	0.0%	FALSE	5.0%	FALSE
SAC	1	1	1B2P	KLD	4.8%	FALSE	9.1%	FALSE
SAC	1	4	3B5P	KLD	65.8%	TRUE	93.2%	TRUE
SAC	1	3	2B4P	Bedroom	15.1%	FALSE	38.0%	FALSE
SAC	1	2	2B4P	Bedroom	22.3%	FALSE	50.7%	TRUE
SAC	1	1	1B2P	Bedroom	5.4%	FALSE	57.5%	TRUE
SAC	2	2	2B4P	Bedroom	21.5%	FALSE	54.7%	TRUE
SAC	2	3	2B4P	Bedroom	37.8%	FALSE	64.1%	TRUE
SAC	2	4	3B5P	Bedroom	36.1%	FALSE	81.1%	TRUE
SAC	2	2	2B4P	KLD	10.2%	FALSE	17.2%	FALSE
SAC	2	1	1B2P	Bedroom	10.6%	FALSE	68.1%	TRUE
SAC	2	2	2B4P	Bedroom	19.0%	FALSE	55.9%	TRUE
SAC	2	3	2B4P	Bedroom	22.9%	FALSE	57.0%	TRUE
SAC	2	4	3B5P	KLD	83.6%	TRUE	99.7%	TRUE
SAC	2	1	1B2P	KLD	13.9%	FALSE	20.8%	FALSE

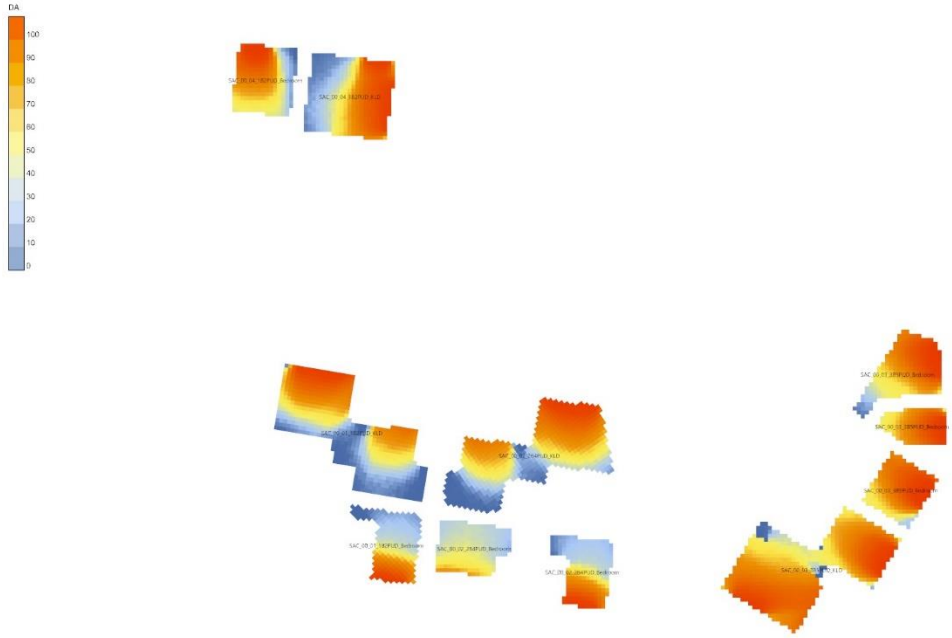
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	2	3	2B4P	KLD	10.8%	FALSE	23.1%	FALSE
SAC	2	4	3B5P	Bedroom	45.8%	FALSE	95.6%	TRUE
SAC	2	4	3B5P	Bedroom	45.9%	FALSE	100.0%	TRUE
SAC	2	5	2B3P	Bedroom	46.6%	FALSE	99.4%	TRUE
SAC	2	5	2B3P	Bedroom	23.4%	FALSE	61.4%	TRUE
SAC	2	5	2B3P	KLD	37.1%	FALSE	78.0%	TRUE
SAC	3	5	1B2P	Bedroom	33.8%	FALSE	89.0%	TRUE
SAC	3	5	1B2P	KLD	95.8%	TRUE	98.8%	TRUE
SAC	3	4	1B2P	Bedroom	56.2%	TRUE	98.9%	TRUE
SAC	3	4	1B2P	KLD	98.0%	TRUE	99.3%	TRUE
SAC	3	3	2B4P	KLD	16.1%	FALSE	39.4%	FALSE
SAC	3	3	2B4P	Bedroom	32.6%	FALSE	81.5%	TRUE
SAC	3	3	2B4P	Bedroom	37.3%	FALSE	71.1%	TRUE
SAC	3	2	2B4P	KLD	12.5%	FALSE	32.0%	FALSE
SAC	3	2	2B4P	Bedroom	21.2%	FALSE	65.7%	TRUE
SAC	3	2	2B4P	Bedroom	43.5%	FALSE	85.0%	TRUE
SAC	3	6	2B3P	KLD	76.6%	TRUE	91.5%	TRUE
SAC	3	6	2B3P	Bedroom	28.7%	FALSE	69.0%	TRUE
SAC	3	6	2B3P	Bedroom	53.4%	TRUE	99.4%	TRUE
SAC	3	1	1B2P	KLD	22.2%	FALSE	30.8%	FALSE
SAC	3	1	1B2P	Bedroom	24.5%	FALSE	81.5%	TRUE
SAC	4	1	1B2P	Bedroom	32.3%	FALSE	87.6%	TRUE
SAC	4	1	1B2P	KLD	29.1%	FALSE	39.7%	FALSE
SAC	4	2	2B4P	Bedroom	46.9%	FALSE	95.7%	TRUE
SAC	4	2	2B4P	Bedroom	30.8%	FALSE	89.4%	TRUE
SAC	4	2	2B4P	KLD	36.6%	FALSE	85.4%	TRUE
SAC	4	3	2B4P	Bedroom	37.3%	FALSE	87.1%	TRUE
SAC	4	3	2B4P	Bedroom	39.9%	FALSE	92.1%	TRUE
SAC	4	3	2B4P	KLD	32.7%	FALSE	78.7%	TRUE
SAC	4	4	1B2P	KLD	98.3%	TRUE	99.3%	TRUE
SAC	4	4	1B2P	Bedroom	62.2%	TRUE	98.9%	TRUE
SAC	4	5	1B2P	KLD	96.5%	TRUE	99.0%	TRUE
SAC	4	5	1B2P	Bedroom	74.3%	TRUE	99.0%	TRUE
SAC	5	4	3B5PUD	Bedroom	62.1%	TRUE	97.6%	TRUE
SAC	5	3	2B4P	Bedroom	65.6%	TRUE	100.0%	TRUE
SAC	5	2	2B4P	Bedroom	49.2%	FALSE	99.4%	TRUE

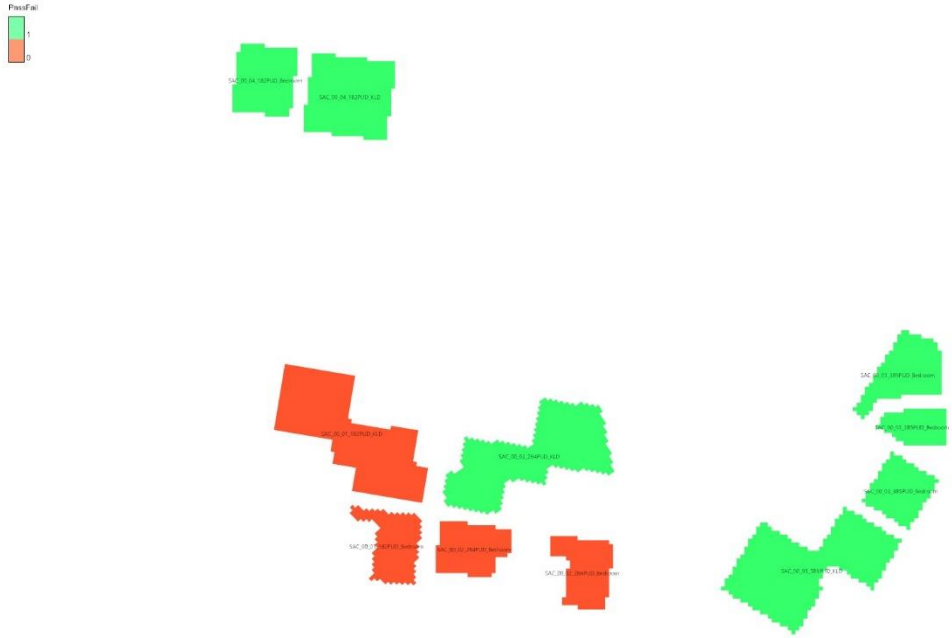
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	5	2	2B4P	KLD	28.7%	FALSE	81.3%	TRUE
SAC	5	1	1B2P	KLD	32.8%	FALSE	45.0%	FALSE
SAC	5	4	3B5PUD	Bedroom	63.9%	TRUE	100.0%	TRUE
SAC	5	4	3B5PUD	Bedroom	62.3%	TRUE	97.6%	TRUE
SAC	5	3	2B4P	KLD	33.3%	FALSE	87.7%	TRUE
SAC	5	4	3B5PUD	KLD	99.4%	TRUE	99.8%	TRUE
SAC	5	3	2B4P	Bedroom	45.8%	FALSE	88.3%	TRUE
SAC	5	2	2B4P	Bedroom	70.1%	TRUE	100.0%	TRUE
SAC	5	1	1B2P	Bedroom	46.6%	FALSE	92.0%	TRUE
SAC	6	2	2B4P	KLD	67.7%	TRUE	92.5%	TRUE
SAC	6	1	1B2P	Bedroom	58.6%	FALSE	94.6%	TRUE
SAC	6	2	2B4P	Bedroom	80.6%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	Bedroom	52.5%	FALSE	92.7%	TRUE
SAC	6	4	3B5PUD	KLD	99.7%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	KLD	66.8%	TRUE	93.9%	TRUE
SAC	6	4	3B5PUD	Bedroom	64.2%	TRUE	98.0%	TRUE
SAC	6	4	3B5PUD	Bedroom	65.4%	TRUE	100.0%	TRUE
SAC	6	1	1B2P	KLD	28.2%	FALSE	40.7%	FALSE
SAC	6	2	2B4P	Bedroom	53.8%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	Bedroom	70.4%	TRUE	100.0%	TRUE
SAC	6	4	3B5PUD	Bedroom	63.2%	TRUE	98.8%	TRUE

10.4 Scenario 2 -With KLDs as Living Rooms

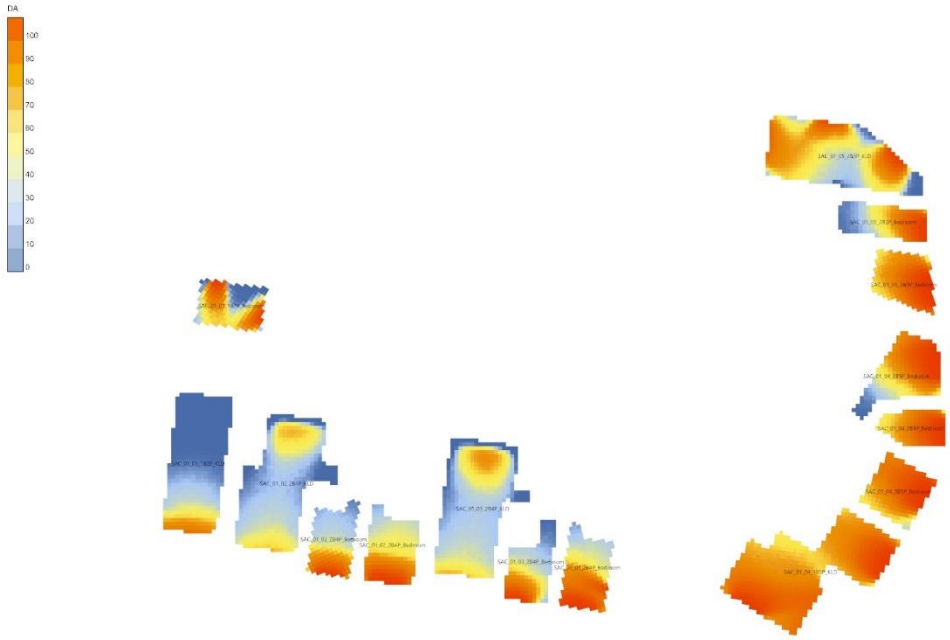
Images

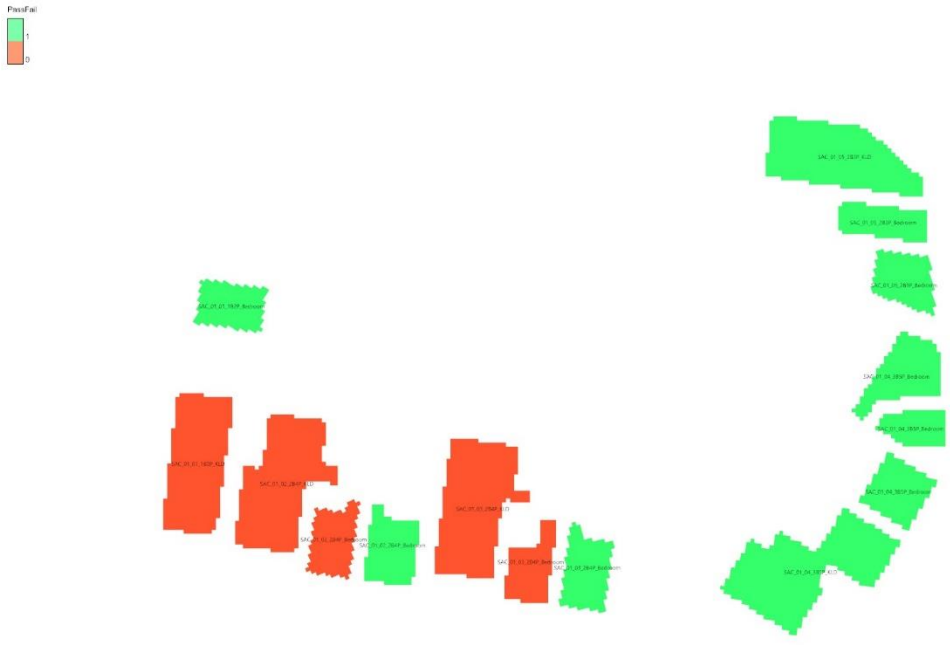
Level 0



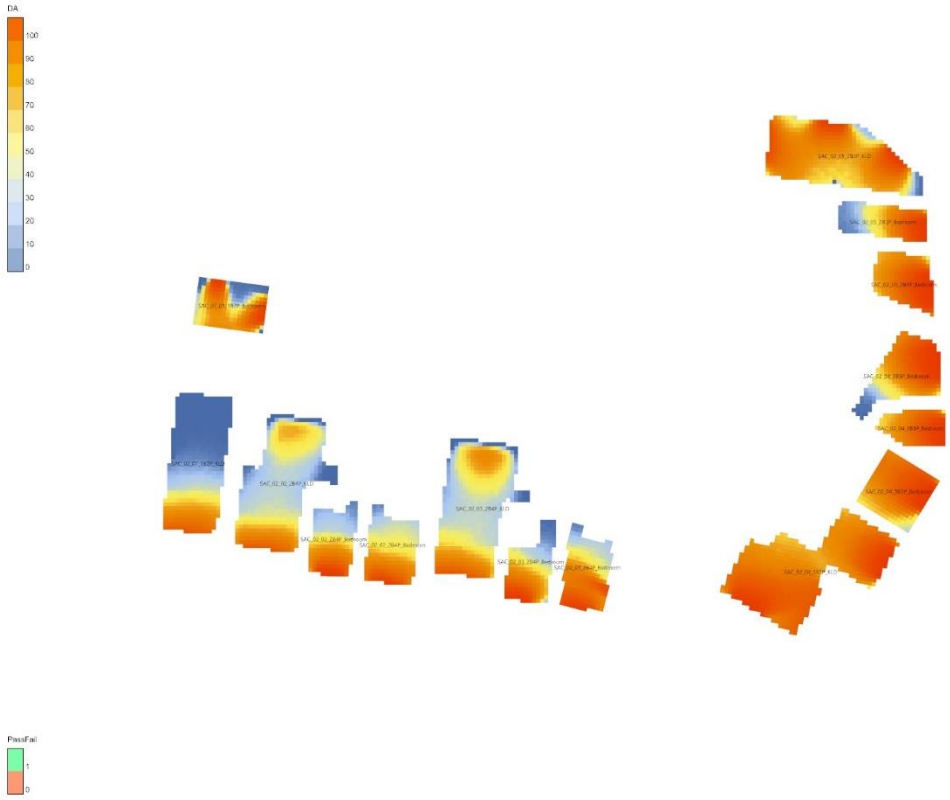


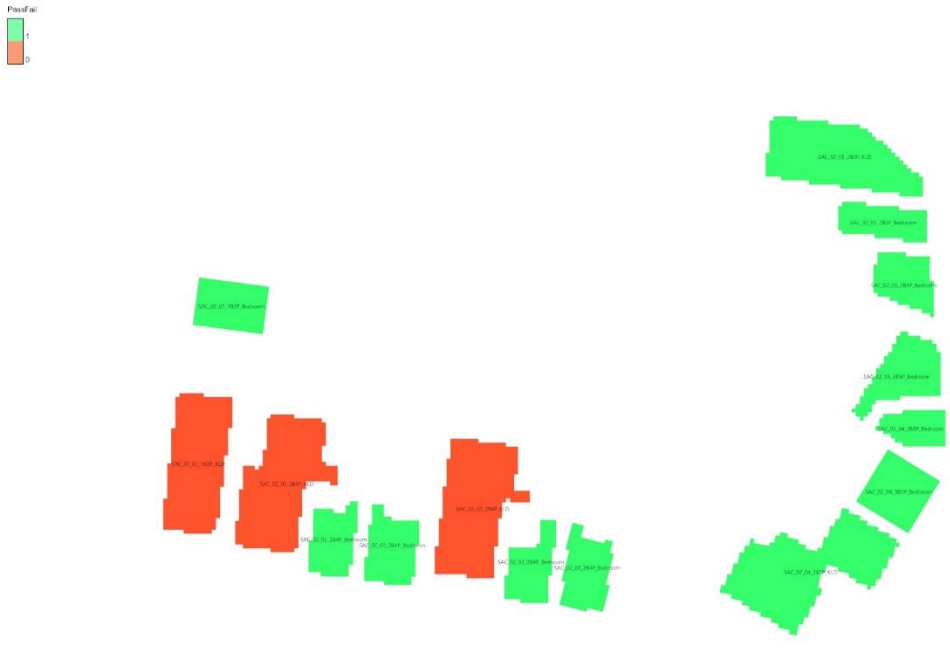
Level 1



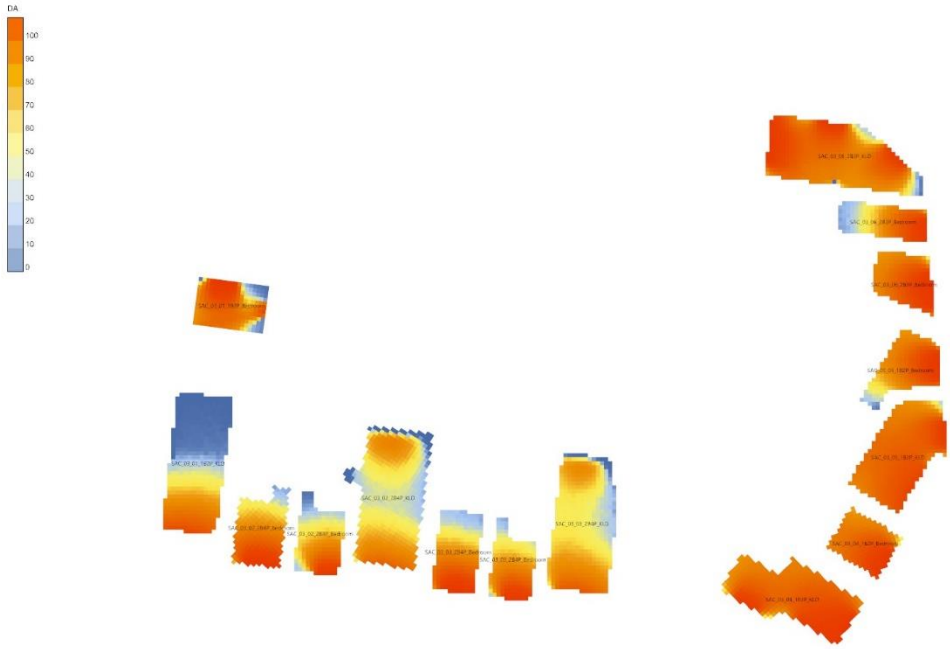


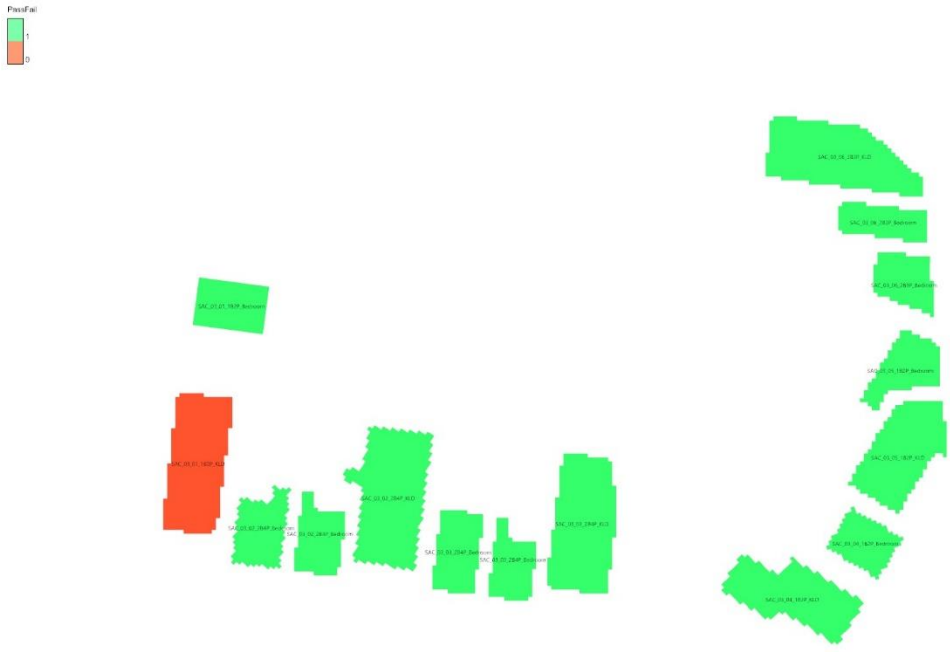
Level 2



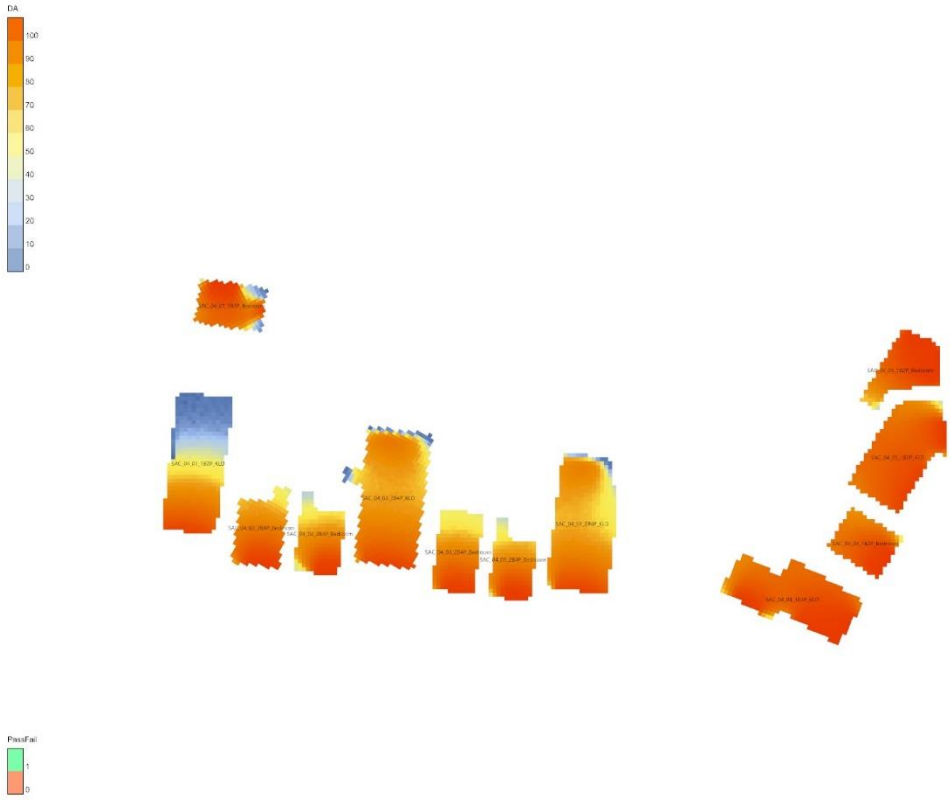


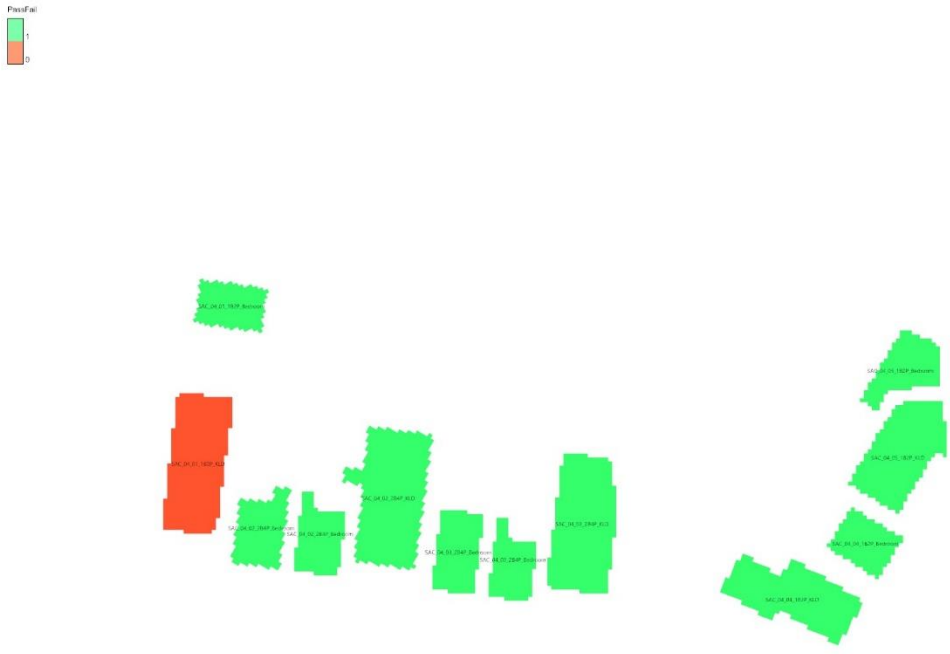
Level 3



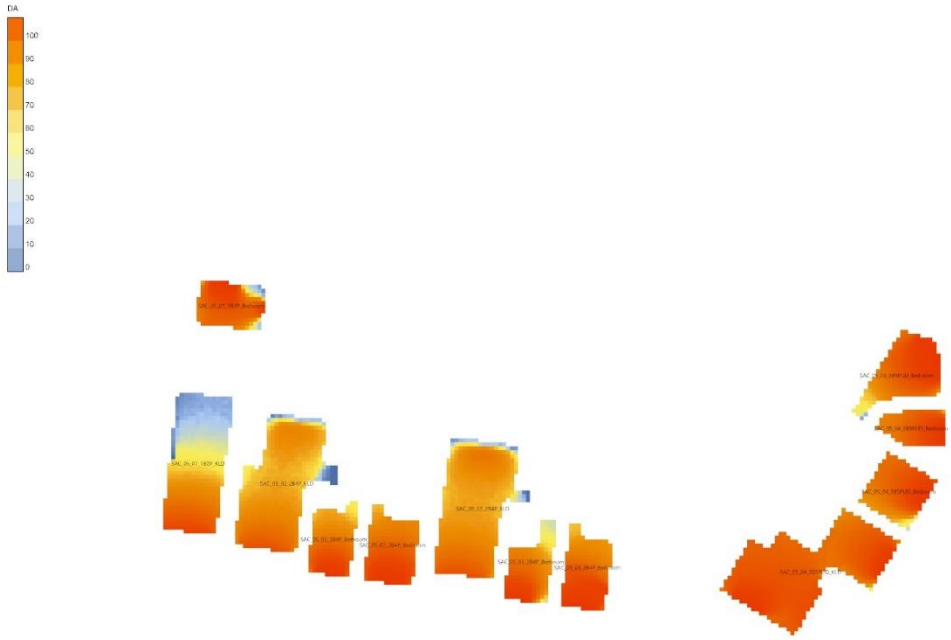


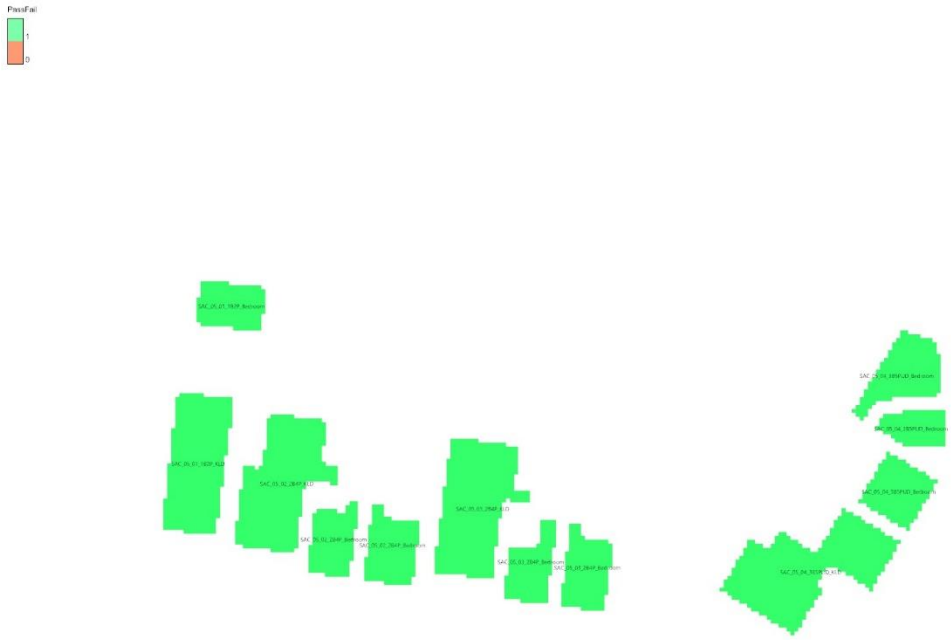
Level 4



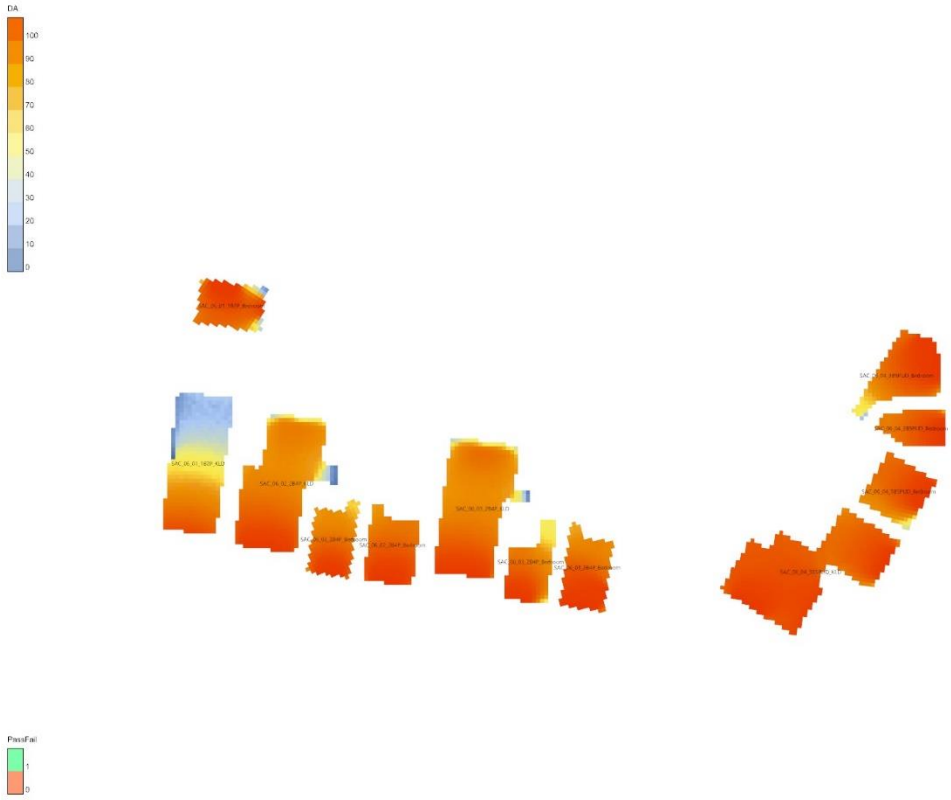


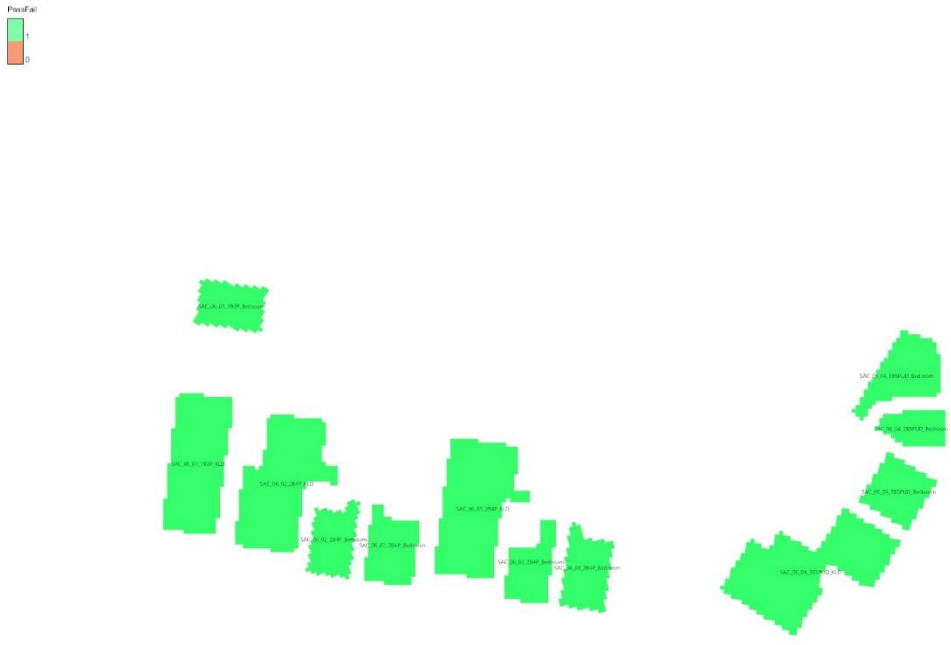
Level 5





Level 6





Results

Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	0	4	1B2PUD	KLD	36.3%	FALSE	54.2%	TRUE
SAC	0	4	1B2PUD	Bedroom	16.9%	FALSE	64.5%	TRUE
SAC	0	2	2B4PUD	Bedroom	20.5%	FALSE	42.9%	FALSE
SAC	0	2	2B4PUD	Bedroom	0.0%	FALSE	16.3%	FALSE
SAC	0	3	3B5PUD	Bedroom	32.0%	FALSE	78.7%	TRUE
SAC	0	3	3B5PUD	Bedroom	36.8%	FALSE	94.7%	TRUE
SAC	0	3	3B5PUD	Bedroom	40.0%	FALSE	91.5%	TRUE
SAC	0	3	3B5PUD	KLD	54.4%	FALSE	85.2%	TRUE
SAC	0	1	1B2PUD	KLD	16.0%	FALSE	45.5%	FALSE
SAC	0	2	2B4PUD	KLD	19.8%	FALSE	52.4%	TRUE
SAC	0	1	1B2PUD	Bedroom	17.9%	FALSE	36.3%	FALSE
SAC	1	4	3B5P	Bedroom	29.9%	FALSE	73.0%	TRUE
SAC	1	3	2B4P	Bedroom	36.2%	FALSE	59.2%	TRUE
SAC	1	2	2B4P	Bedroom	13.6%	FALSE	39.7%	FALSE
SAC	1	2	2B4P	KLD	0.0%	FALSE	11.3%	FALSE
SAC	1	5	2B3P	KLD	13.9%	FALSE	58.2%	TRUE
SAC	1	5	2B3P	Bedroom	19.9%	FALSE	54.4%	TRUE
SAC	1	5	2B3P	Bedroom	37.4%	FALSE	99.5%	TRUE
SAC	1	4	3B5P	Bedroom	39.1%	FALSE	99.2%	TRUE
SAC	1	4	3B5P	Bedroom	43.6%	FALSE	95.6%	TRUE
SAC	1	3	2B4P	KLD	0.0%	FALSE	17.1%	FALSE
SAC	1	1	1B2P	KLD	4.8%	FALSE	12.1%	FALSE
SAC	1	4	3B5P	KLD	65.8%	TRUE	99.8%	TRUE
SAC	1	3	2B4P	Bedroom	15.1%	FALSE	38.0%	FALSE
SAC	1	2	2B4P	Bedroom	22.3%	FALSE	50.7%	TRUE
SAC	1	1	1B2P	Bedroom	5.4%	FALSE	57.5%	TRUE
SAC	2	2	2B4P	Bedroom	21.5%	FALSE	54.7%	TRUE
SAC	2	3	2B4P	Bedroom	37.8%	FALSE	64.1%	TRUE
SAC	2	4	3B5P	Bedroom	36.1%	FALSE	81.1%	TRUE
SAC	2	2	2B4P	KLD	10.2%	FALSE	32.0%	FALSE
SAC	2	1	1B2P	Bedroom	10.6%	FALSE	68.1%	TRUE
SAC	2	2	2B4P	Bedroom	19.0%	FALSE	55.9%	TRUE
SAC	2	3	2B4P	Bedroom	22.9%	FALSE	57.0%	TRUE
SAC	2	4	3B5P	KLD	83.6%	TRUE	100.0%	TRUE

Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	2	1	1B2P	KLD	13.9%	FALSE	25.6%	FALSE
SAC	2	3	2B4P	KLD	10.8%	FALSE	38.4%	FALSE
SAC	2	4	3B5P	Bedroom	45.8%	FALSE	95.6%	TRUE
SAC	2	4	3B5P	Bedroom	45.9%	FALSE	100.0%	TRUE
SAC	2	5	2B3P	Bedroom	46.6%	FALSE	99.4%	TRUE
SAC	2	5	2B3P	Bedroom	23.4%	FALSE	61.4%	TRUE
SAC	2	5	2B3P	KLD	37.1%	FALSE	91.0%	TRUE
SAC	3	5	1B2P	Bedroom	33.8%	FALSE	89.0%	TRUE
SAC	3	5	1B2P	KLD	95.8%	TRUE	99.3%	TRUE
SAC	3	4	1B2P	Bedroom	56.2%	TRUE	98.9%	TRUE
SAC	3	4	1B2P	KLD	98.0%	TRUE	99.8%	TRUE
SAC	3	3	2B4P	KLD	16.1%	FALSE	66.9%	TRUE
SAC	3	3	2B4P	Bedroom	32.6%	FALSE	81.5%	TRUE
SAC	3	3	2B4P	Bedroom	37.3%	FALSE	71.1%	TRUE
SAC	3	2	2B4P	KLD	12.5%	FALSE	51.6%	TRUE
SAC	3	2	2B4P	Bedroom	21.2%	FALSE	65.7%	TRUE
SAC	3	2	2B4P	Bedroom	43.5%	FALSE	85.0%	TRUE
SAC	3	6	2B3P	KLD	76.6%	TRUE	94.2%	TRUE
SAC	3	6	2B3P	Bedroom	28.7%	FALSE	69.0%	TRUE
SAC	3	6	2B3P	Bedroom	53.4%	TRUE	99.4%	TRUE
SAC	3	1	1B2P	KLD	22.2%	FALSE	36.6%	FALSE
SAC	3	1	1B2P	Bedroom	24.5%	FALSE	81.5%	TRUE
SAC	4	1	1B2P	Bedroom	32.3%	FALSE	87.6%	TRUE
SAC	4	1	1B2P	KLD	29.1%	FALSE	47.8%	FALSE
SAC	4	2	2B4P	Bedroom	46.9%	FALSE	95.7%	TRUE
SAC	4	2	2B4P	Bedroom	30.8%	FALSE	89.4%	TRUE
SAC	4	2	2B4P	KLD	36.6%	FALSE	93.7%	TRUE
SAC	4	3	2B4P	Bedroom	37.3%	FALSE	87.1%	TRUE
SAC	4	3	2B4P	Bedroom	39.9%	FALSE	92.1%	TRUE
SAC	4	3	2B4P	KLD	32.7%	FALSE	92.5%	TRUE
SAC	4	4	1B2P	KLD	98.3%	TRUE	100.0%	TRUE
SAC	4	4	1B2P	Bedroom	62.2%	TRUE	98.9%	TRUE
SAC	4	5	1B2P	KLD	96.5%	TRUE	99.3%	TRUE
SAC	4	5	1B2P	Bedroom	74.3%	TRUE	99.0%	TRUE
SAC	5	4	3B5PUD	Bedroom	62.1%	TRUE	97.6%	TRUE

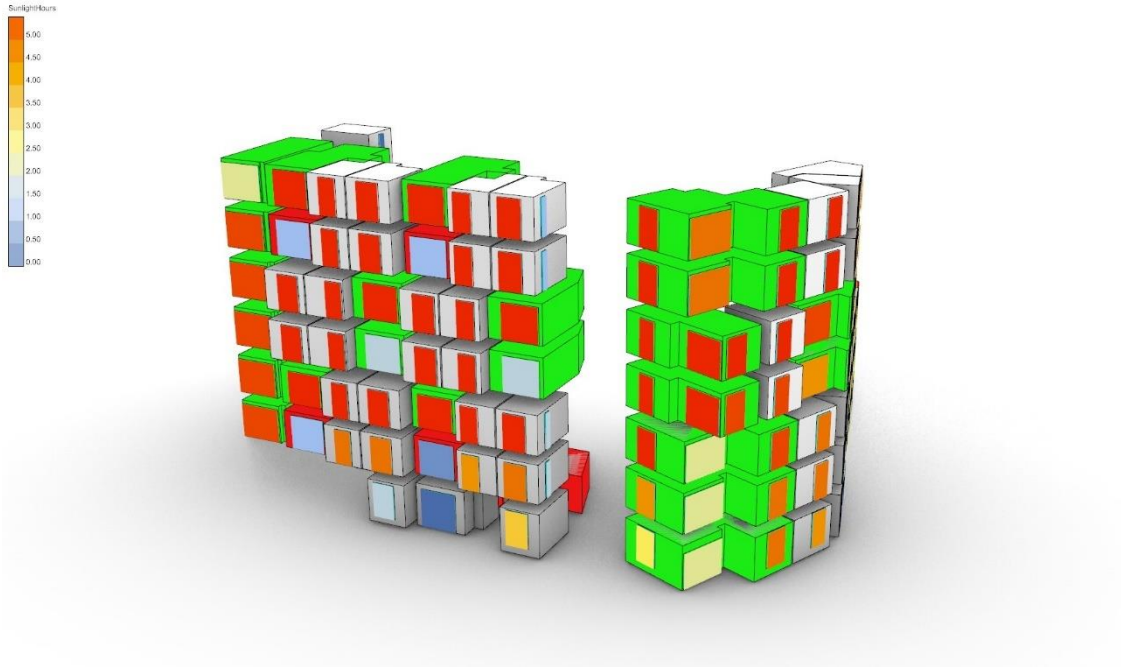
Block	Floor	Flat Number	Flat Type	Room Type	Room % above target illuminance (Et) compliance (Method 1)	Meets Recommendation (Method 1)	Room % above target illuminance (Et) compliance (Method 2)	Meets Recommendation (Method 2)
SAC	5	3	2B4P	Bedroom	65.6%	TRUE	100.0%	TRUE
SAC	5	2	2B4P	Bedroom	49.2%	FALSE	99.4%	TRUE
SAC	5	2	2B4P	KLD	28.7%	FALSE	91.6%	TRUE
SAC	5	1	1B2P	KLD	32.8%	FALSE	53.5%	TRUE
SAC	5	4	3B5PUD	Bedroom	63.9%	TRUE	100.0%	TRUE
SAC	5	4	3B5PUD	Bedroom	62.3%	TRUE	97.6%	TRUE
SAC	5	3	2B4P	KLD	33.3%	FALSE	93.5%	TRUE
SAC	5	4	3B5PUD	KLD	99.4%	TRUE	99.8%	TRUE
SAC	5	3	2B4P	Bedroom	45.8%	FALSE	88.3%	TRUE
SAC	5	2	2B4P	Bedroom	70.1%	TRUE	100.0%	TRUE
SAC	5	1	1B2P	Bedroom	46.6%	FALSE	92.0%	TRUE
SAC	6	2	2B4P	KLD	67.7%	TRUE	94.1%	TRUE
SAC	6	1	1B2P	Bedroom	58.6%	FALSE	94.6%	TRUE
SAC	6	2	2B4P	Bedroom	80.6%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	Bedroom	52.5%	FALSE	92.7%	TRUE
SAC	6	4	3B5PUD	KLD	99.7%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	KLD	66.8%	TRUE	95.3%	TRUE
SAC	6	4	3B5PUD	Bedroom	64.2%	TRUE	98.0%	TRUE
SAC	6	4	3B5PUD	Bedroom	65.4%	TRUE	100.0%	TRUE
SAC	6	1	1B2P	KLD	28.2%	FALSE	50.6%	TRUE
SAC	6	2	2B4P	Bedroom	53.8%	TRUE	100.0%	TRUE
SAC	6	3	2B4P	Bedroom	70.4%	TRUE	100.0%	TRUE
SAC	6	4	3B5PUD	Bedroom	63.2%	TRUE	98.8%	TRUE

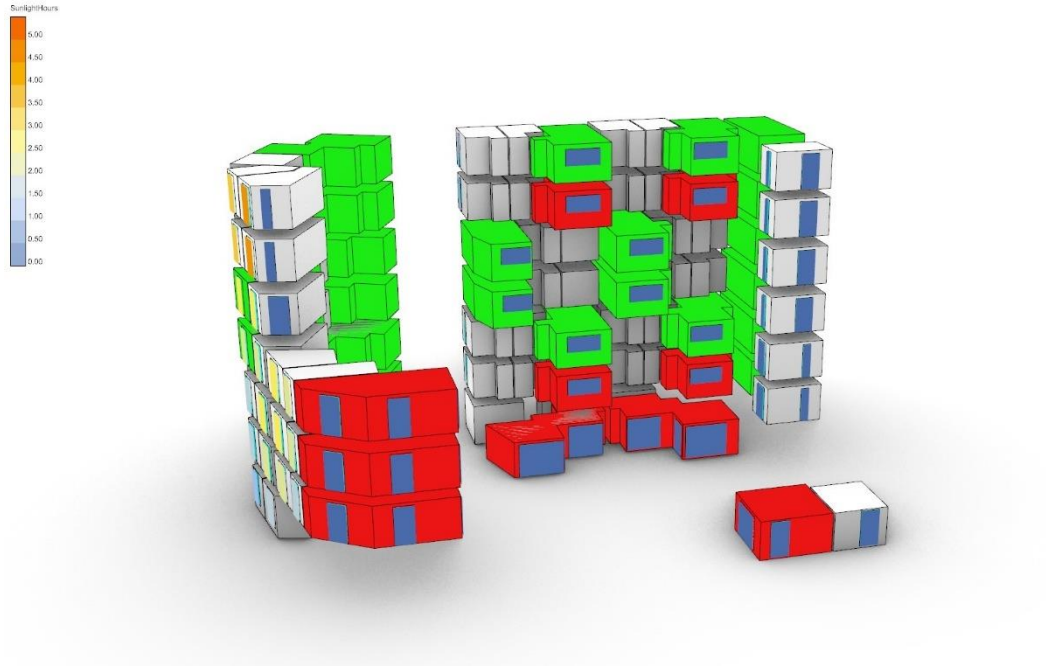
11.0 SUNLIGHT RESULTS

A dwelling will pass this test if it has a main window to a living room or kitchen that receives more than 1.5 hours of direct sunlight on the 21st of March. The results were calculated for two scenarios: with the existing surroundings and with the addition of the proposed development. This gives a pass rate of 23 out of 33 dwellings, or 64%, for both scenarios.

11.1 Scenario 1

Images





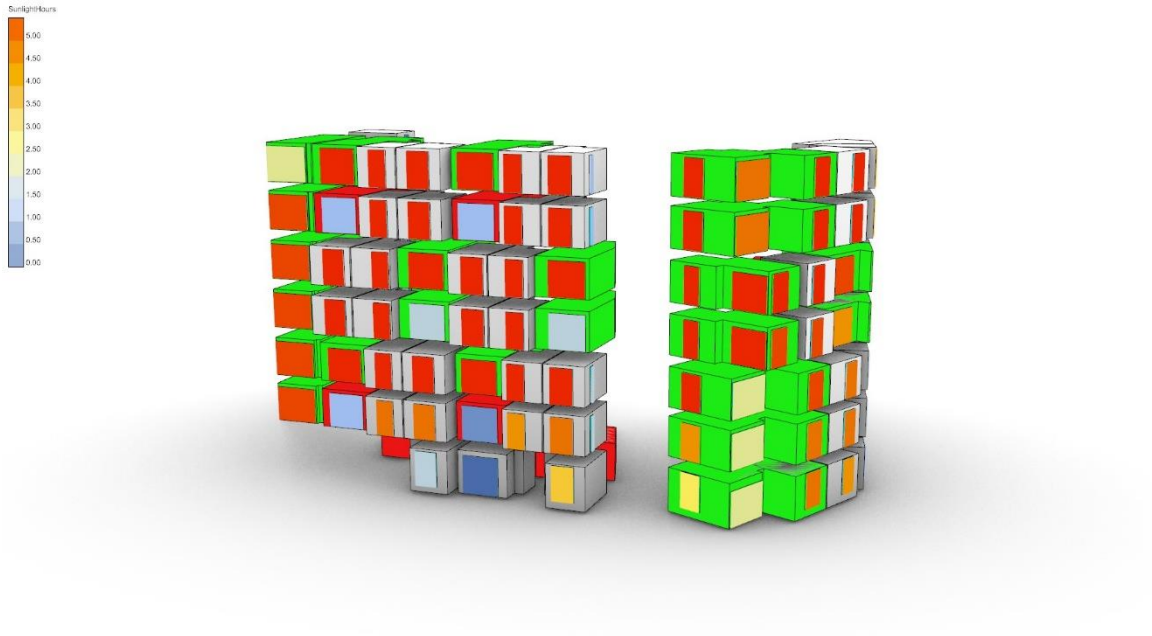
Results

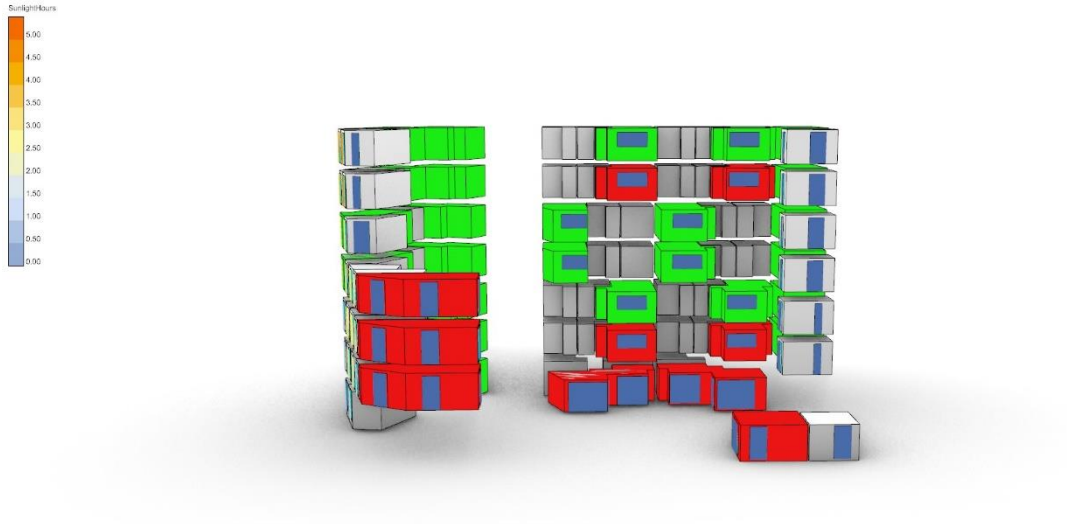
Room Name	Max Sun Hours_(h)	Pass?
SAC_06_04_3B5PUD_KLD	6.5	TRUE
SAC_05_04_3B5PUD_KLD	6.5	TRUE
SAC_04_04_1B2P_KLD	6.0	TRUE
SAC_03_04_1B2P_KLD	6.0	TRUE
SAC_02_04_3B5P_KLD	6.5	TRUE
SAC_01_04_3B5P_KLD	4.0	TRUE
SAC_00_03_3B5PUD_KLD	4.0	TRUE
SAC_04_05_1B2P_KLD	4.5	TRUE
SAC_03_05_1B2P_KLD	3.5	TRUE
SAC_03_06_2B3P_KLD	0.0	FALSE
SAC_02_05_2B3P_KLD	0.0	FALSE
SAC_01_05_2B3P_KLD	0.0	FALSE
SAC_00_02_2B4PUD_KLD	0.0	FALSE
SAC_00_01_1B2PUD_KLD	0.0	FALSE
SAC_01_02_2B4P_KLD	1.0	FALSE
SAC_02_02_2B4P_KLD	5.0	TRUE
SAC_02_03_2B4P_KLD	5.0	TRUE
SAC_01_03_2B4P_KLD	0.5	FALSE
SAC_03_02_2B4P_KLD	1.5	TRUE
SAC_04_02_2B4P_KLD	5.0	TRUE
SAC_04_03_2B4P_KLD	5.0	TRUE
SAC_03_03_2B4P_KLD	1.5	TRUE
SAC_05_03_2B4P_KLD	1.0	FALSE
SAC_06_03_2B4P_KLD	5.0	TRUE

SAC_06_02_2B4P_KLD	5.0	TRUE
SAC_05_02_2B4P_KLD	1.0	FALSE
SAC_00_04_1B2PUD_KLD	0.0	FALSE
SAC_01_01_1B2P_KLD	4.5	TRUE
SAC_02_01_1B2P_KLD	4.5	TRUE
SAC_03_01_1B2P_KLD	4.5	TRUE
SAC_04_01_1B2P_KLD	4.5	TRUE
SAC_05_01_1B2P_KLD	4.5	TRUE
SAC_06_01_1B2P_KLD	2.0	TRUE
33		**23**

11.2 Scenario 2

Images





Results

Room Name	Max Sun Hours (h)	Pass?
SAC_06_04_3B5PUD_KLD	6.5	TRUE
SAC_05_04_3B5PUD_KLD	6.5	TRUE
SAC_04_04_1B2P_KLD	6.0	TRUE
SAC_03_04_1B2P_KLD	6.0	TRUE
SAC_02_04_3B5P_KLD	6.5	TRUE
SAC_01_04_3B5P_KLD	4.0	TRUE
SAC_00_03_3B5PUD_KLD	4.0	TRUE
SAC_04_05_1B2P_KLD	4.5	TRUE
SAC_03_05_1B2P_KLD	3.5	TRUE
SAC_03_06_2B3P_KLD	0.0	FALSE
SAC_02_05_2B3P_KLD	0.0	FALSE
SAC_01_05_2B3P_KLD	0.0	FALSE
SAC_00_02_2B4PUD_KLD	0.0	FALSE
SAC_00_01_1B2PUD_KLD	0.0	FALSE
SAC_01_02_2B4P_KLD	1.0	FALSE
SAC_02_02_2B4P_KLD	5.0	TRUE
SAC_02_03_2B4P_KLD	5.0	TRUE
SAC_01_03_2B4P_KLD	0.5	FALSE
SAC_03_02_2B4P_KLD	1.5	TRUE
SAC_04_02_2B4P_KLD	5.0	TRUE
SAC_04_03_2B4P_KLD	5.0	TRUE
SAC_03_03_2B4P_KLD	1.5	TRUE
SAC_05_03_2B4P_KLD	1.0	FALSE
SAC_06_03_2B4P_KLD	5.0	TRUE
SAC_06_02_2B4P_KLD	5.0	TRUE
SAC_05_02_2B4P_KLD	1.0	FALSE

Room Name	Max Sun Hours (h)	Pass?
SAC_00_04_1B2PUD_KLD	0.0	FALSE
SAC_01_01_1B2P_KLD	4.5	TRUE
SAC_02_01_1B2P_KLD	4.5	TRUE
SAC_03_01_1B2P_KLD	4.5	TRUE
SAC_04_01_1B2P_KLD	4.5	TRUE
SAC_05_01_1B2P_KLD	4.5	TRUE
SAC_06_01_1B2P_KLD	2.0	TRUE

12.0 AMENITY SUNLIGHT – PROPOSED AREAS

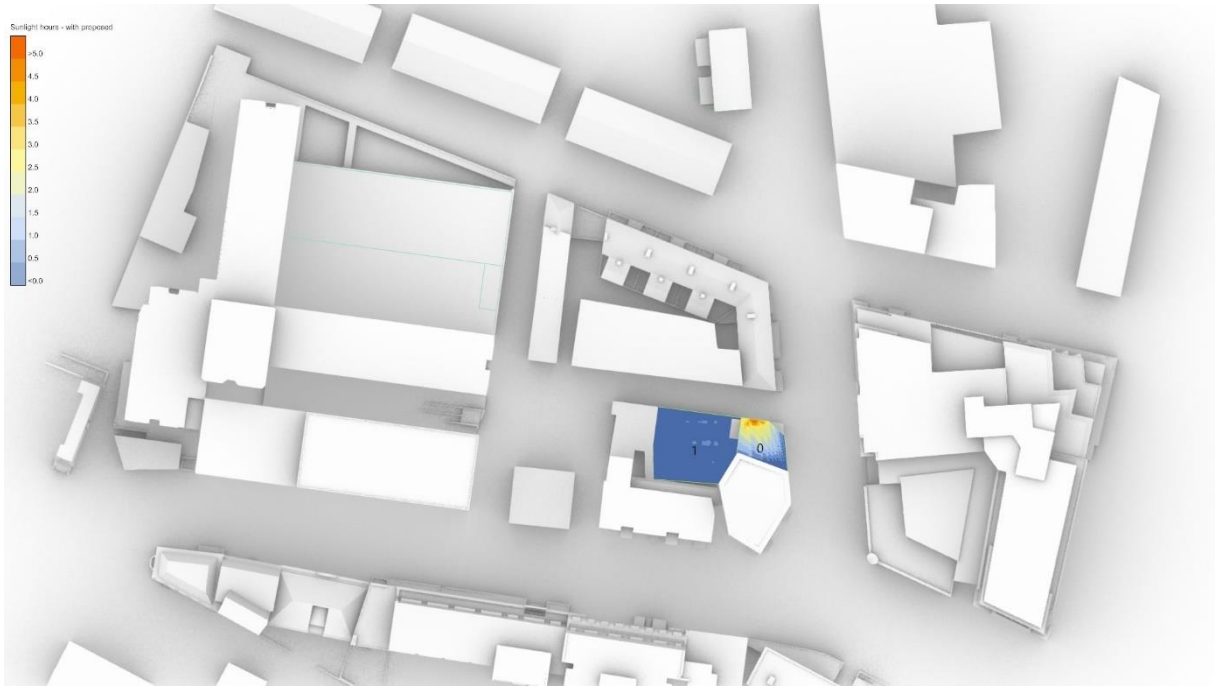
BRE Amenity Sunlight: The recommendation for an amenity space to receive adequate sunlight is for at least half the area to receive 2 hours of direct sunlight on March 21st.

Test 1

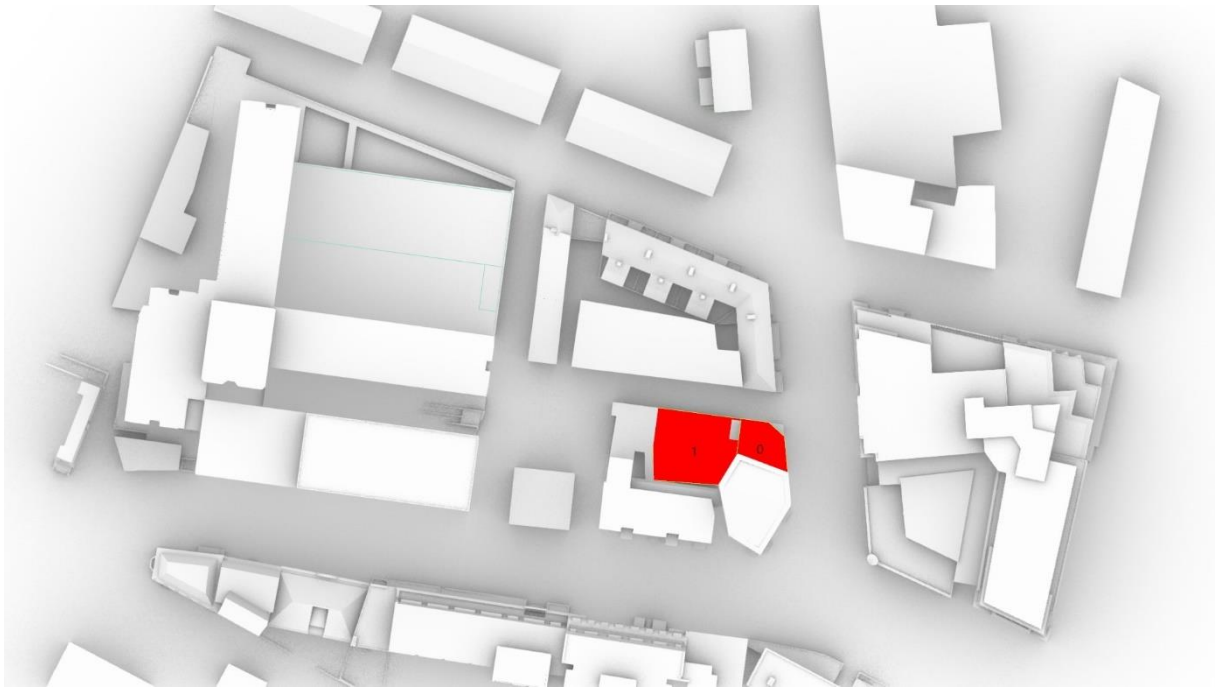
Results

Area Reference	Area Name	Area (m^2)	Proposed Sun Hours (h)	% Area Over 2 Hours (proposed)	Pass/Fail
0	0_SAC_Amenity	91.5	1.3	31.89	Fail
1	1_SAC_Amenity	273.7	0.0	0.00	Fail

Sunlight Hours Plot Proposing Amenity Space



Pass/Fail for Proposing Amenity Space



Test 2

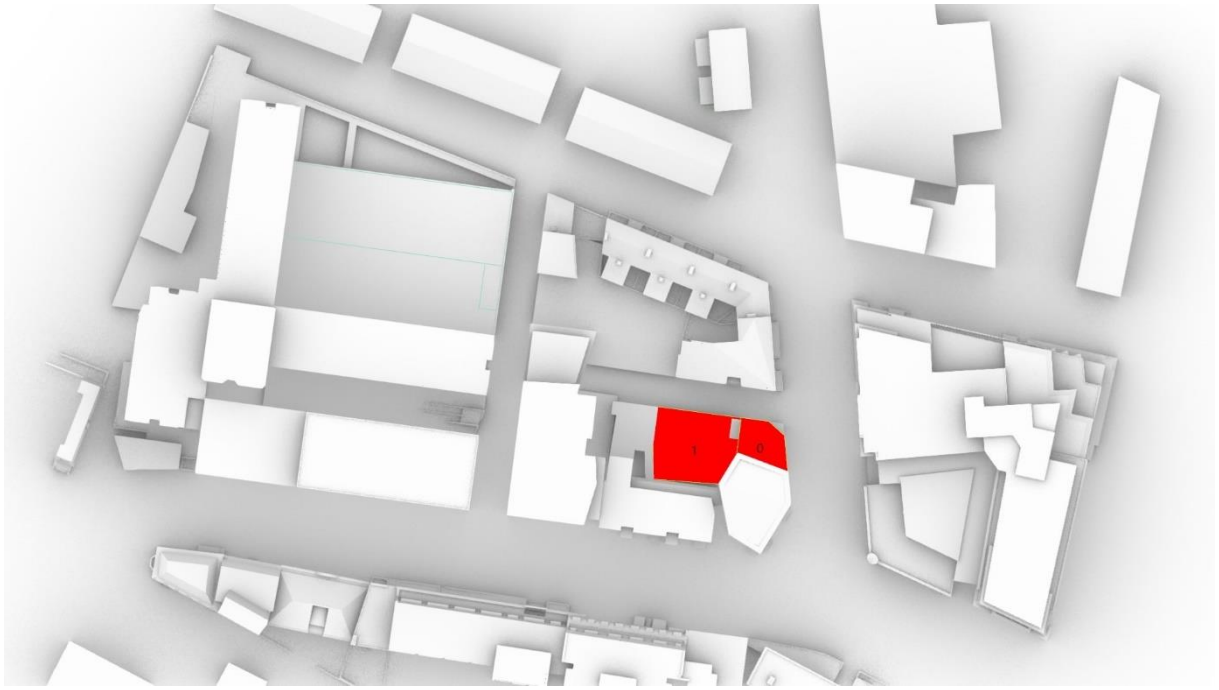
Results

Area Reference	Area Name	Area (m^2)	Proposed Sun Hours (h)	% Area Over 2 Hours (proposed)	Pass/Fail
0	0_SAC_Amenity	91.5	1.3	31.89	Fail
1	1_SAC_Amenity	273.7	0.0	0.00	Fail

Images

Sunlight Hours Plot Proposed Amenity Space

Pass/Fail for Proposed Amenity Space



Test 03

Results

Area Reference	Area Name	Area (m^2)	Proposed Sun Hours (h)	% Area Over 2 Hours (proposed)	Pass/Fail
0	0_SAC_Amenity	91.50	1.31	31.89	Fail
1	1_SAC_Amenity	273.74	0.01	0.00	Fail
2	2_GRP_Amenity	480.76	11.49	100.00	Pass
3	3_GRP_playground	106.81	0.08	0.00	Fail
4	4_GRP_Amenity	287.99	1.27	25.06	Fail
5	5_GRP_Amenity	61.01	0.00	0.00	Fail

Images

Sunlight Hours Plot Proposed Amenity Space

Pass/Fail for Proposed Amenity Space


4
3
2
5
1
0