

Green Star – Design & As-Built Submission Template

Ensure all prompts shown in **Blue text** have been responded to.

Design Review / As Built Submission [Delete as appropriate]

Credit: Visual Comfort – Daylight

Project Name: [name]

Project Number: GS-[####]

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1. Building Modelling

1.1 Methodology

1.1(i) Modelling Methodology

[Describe the modelling software or methodology used to calculate DF or DI]

[Outline the modelling parameters used to model the building such as grid heights, reflectance values used and transmittance values for all materials/glazing].

1.1(ii) Alternative Assessment [p70 of Technical Manual]

[Outline compliance with alternative assessment methodology]

1.2 Building Factors

1.2(i) Building Form

[Describe the means of daylight entry into the building and how the building form facilitates entry of light into spaces included in the nominated area of the project]

[Include views of the 3D model to demonstrate representation of the building form in the model. Include views of all facades of the building]

1.2(ii) Glazing

[Describe glazing and daylight transmitting material types present in the building]

Table 1: Glazing and transparent elements

Building Element	Surface Type	VLT (%)
Glazing 1	Glass	<VLT>
< other transparent surfaces >	< type >	< VLT or '-' >

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1.2(iii) Surface Reflectance and Transmittance

Table 2: Opaque elements

Building Element	Surface Type	Colour	Reflectance
Floor	< floor type >	n/a	0.3
Walls	Paint	n/a	0.7
Ceilings	Paint	n/a	0.8
< other opaque surfaces >	< type >	<colour>	< reflectance >

Add rows as needed

1.2(iv) Special circumstances

[Describe any unusual aspects of the building]

1.2(v) Drawings Used to Build Model

Table 3: List of drawings (including issue dates) used to create the daylight model

Drawing type	Issue	Date of issue	Drawing code/name
< floor plan >			
< elevation >			
< facade details >			

Add rows as needed

1.3 External Factors

1.3(i) Overshadowing

[Describe any overshadowing, please refer to Page 70 of the Technical Manual. Describe how this has been accounted for. Provide views that show the surrounding buildings/structures that

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overshadow]

1.3 (ii) External Reflectance Values

[Describe the external reflectance values used to undertake the daylight simulation]

1.3(ii) Uniform Sky [For daylight factor simulations only]

[Describe the sky type used to run the model]

1.3(iii) Daylight Illuminance [For daylight illuminance simulations only]

[Describe the annual simulation]

2. Daylight Modelling Outputs

2.1 Legible Floor Plan Outputs

Level 1

[Insert legible floor plan outputs showing compliant and non-compliant areas]

Level 2

[Insert legible floor plan outputs showing compliant and non-compliant areas]

etc

2.2 Summary Tables

2.2(i) Daylight Factor Summary Table [Delete if not relevant]

The project has demonstrated that 50% of the Nominated Area has a daylight factor of at least 2% measured at the finished floor level under a uniform design sky.

The following table provides more details on how the project has achieved this credit.

Table 4: Calculating Compliance

Space ID	Area m ²	Area with a daylight factor equal to or greater than 2%	Percentage of compliant area
Total			

Therefore, as demonstrated in sections 1 and 2.1 and 2.2(i), this project is eligible to achieve 1 point(s) for demonstrating that at least 50% of the nominated area has a daylight factor of 2% measured at the finished floor level.

2.2(ii) Daylight Illuminance Summary Table [Delete if not relevant]

The project has demonstrated that 50% of the Nominated Area has a daylight illuminance of at least 160 lux for 80% of the standard occupied hours.

The following table provides more details on how the project has achieved this credit.

Table 5: Calculating Compliance

Space ID	Area m ²	Area with a daylight illuminance of at least 160 lux	Percentage of compliant area
Total			

Therefore, as demonstrated in section 1 and 2.2(ii) this project is eligible to achieve 1 point(s) for demonstrating that at least 50% of the nominate area has an illuminance level of 160 lux for 80% of the standard occupied hours.

Discussion

[Insert any issues you would like to highlight and clarify to the Assessment Panel.]

Author Details:

[Insert name, position and contact details of author]

[Date]

—— Report end ——