daylight and Views

CREDIT 11

INDIVIDUAL BUILDING  PORTFOLIO

PROJECT NAME: [NAME]

PROJECT NUMBER: GS- [####]

|  |  |  |  |
| --- | --- | --- | --- |
| TOTAL POINTS AVAILABLE: | 2 | POINTS CLAIMED: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Type** | **Criteria** | **Description** | **Claimed** |
| **11.1** | **Building** | **Daylight Access** | **1 point** is available where occupants in regularly occupied primary spaces have access to appropriate amounts of daylight during the performance period. | [#] |
| **11.2** | **Building** | **Views and Lines of Sight** | **1 point** is available where occupants in regularly occupied primary spaces have a clear line of sight to high quality internal or external views during the performance period. | [#] |

# Project-specific technical questions

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| --- | --- |
| There are no project-specific technical questions for this credit. |  |
| There are project-specific technical questions for this credit and all responses received from the GBCA are attached. |  |

## 11.0 General Requirement

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| 11.0 The Regularly Occupied Primary Spaces (ROPS) general requirement has been completed for this building. |  |

11.1 Daylight access

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| --- | --- |
| State the percent of regularly occupied spaces that have been shown to receive high levels of daylight during the standard hours. | **[XX%]** |

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| --- | --- | --- |
| Indicate which compliance option has been selected for the daylight access criterion and fill in the corresponding section below.  Select one option. | **11.1A** Daylight measurements have been completed; or |  |
| **11.1B** A Green Star Daylight model has been used; or |  |
| **11.1C** Daylight calculations have been completed. |  |

11.1A Daylight measurement

Describe how the daylight measurements have been implemented to meet the compliance requirements for each of the items below, by referencing supporting evidence attached to the Submission Template.

11.1A.1 Frequency and timing of measurement

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| --- | --- |
| **Requirements** | **Supporting Evidence** |
| 11.1A.1 Confirm that the daylight measurements have taken place at least twice, during the performance period. at approximately six month intervals. | ***Eg. Test results of daylight measurements*** |
| 11.1A.2 Confirm that each daylight measurement has occurred within normal daylight operating hours. Show that one measurement occurred in each half of the daytime hours. |  |

11.1A.2 Location of measurement

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| --- | --- |
| **Requirements** | **Supporting Evidence** |
| 11.1A.2.1 Confirm that measurements have been carried out in regularly occupied primary spaces. | ***Location of completed testing indicated on As-Built drawings*** |
| 11.1A.2.2 Confirm that all measurements were taken at the ‘working plane.’ |  |
| 11.1A.2.3 Show where a representative floor or space has been used to extrapolate for multiple floors of a building or for similar spaces within the building. |  |

11.1A.3 Illuminance levels

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| **Requirements** | **Supporting Evidence** |
| Confirm that at least 30% of regular occupied primary spaces have illuminance levels of at least 200lux without assistance from artificial lighting for at least 80% of standard daytime operating hours. |  |

11.1A.4 Recording and reporting

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| **Requirements** | **Supporting Evidence** | |
| Demonstrate that the following procedure has been followed: | | |
| Confirm that field measurement of lux levels in each primary space were measured at appropriate desk or work surface height, and results were recorded on a 5m x 5m grid on floor plans for the ROPS. |  | |
| Verify that illumination levels for each space have been recorded. Highlight any areas that do not meet the 200lux minimum requirement. |  | |
| Confirm that all results have been inputted in the Calculator which determines daylight performance level and whether the criterion has been achieved. | |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

11.1B Green star daylight model

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| --- | --- |
| The building seeking Green Star – Performance certification is already certified under one of the Green Star As Built rating tools, and at least one (1) point was achieved in the relevant ‘Daylight’ credit. |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| *Green Star – [Rating Tool] As Built Certificate and scorecard* | [####] |
| [####] | [####] |

11.1C Daylight calculation

Describe how the daylight calculations have been implemented to meet the compliance requirements for each of the items below, by referencing supporting evidence attached to the Submission Template.

11.1C.1 Determine areas applicable to daylight calculations

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| --- | --- |
| **Requirements** | **Supporting Evidence** |
| 11.1C.1.1 Confirm that calculations have been completed for all Regularly Occupied Primary Spaces. | ***e.g. Completed Regular Occupied Primary Spaces General Requirement*** |
| 11.1C.1.2 Indicate where a representative floor or space has been used to extrapolate for multiple floors of a building or for similar spaces within a building. |  |

11.1C.2 Daylight calculations

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| **Requirements** | **Supporting Evidence** | |
| 11.1C.2.1 Confirm that all calculations have been carried out in line with the Green Star Daylight Hand Calculation Guide. |  | |
| 11.1C.2.2 Outline all calculations and any assumptions that have been recorded. |  | |
| 11.1C.2.3 Confirm that calculated results have been compiled in the Calculator which determines the overall percentage of ROPS that had appropriate levels of daylight and whether the criterion has been achieved. | |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| Daylight and Views Calculator | [####] |
| [####] | [####] |

DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

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11.2 views and lines of sight

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| --- | --- |
| State the percentage of regularly occupied spaces that have a clear line of sight to a high quality internal or external view. | [XX%] |

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| Indicate which compliance option has been selected for this criterion and fill in the corresponding section below. Select one option. | **11.2A** Views and lines of sight have been calculated; or |  |
| **11.2B** A Green Star ‘Views’ credit has been used. |  |

11.2A views and lines of sight calculation

Describe how the views and lines of sight calculations meet the compliance requirements for each of the items below, by referencing supporting evidence attached to the Submission Template.

11.2A.1 Areas applicable to lines of sight

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| --- | --- |
| **Requirements** | **Supporting Evidence** |
| 11.2A.1.1 Confirm that calculations have been completed for all Regularly Occupied Primary Spaces. | ***e.g. Completed Regular Occupied Primary Spaces General Requirement*** |
| 11.2A.1.2 Indicate where a representative floor or space has been used to extrapolate for multiple floors of a building or for similar spaces within a building. |  |

11.2A.2 Access to views calculations

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| --- | --- | --- |
| **Requirements** | **Supporting Evidence** | |
| 11.2A.2.1Calculations have been carried out in line with the following compliance requirements: | | |
| Confirm that the geometry used in the calculations is based on floor plans. | | **☐** |
| Confirm all floor areas within 8m from a compliant window, atrium, or view that has a clear line of sight to a high quality internal view or high quality external view. | | **☐** |
| Confirm that the line of sight has been measured by extending a perpendicular line from the window or opening or view.  Note where a line at 45° has been used at the corners of windows or openings.  Confirm that the thickness of the external walls has been taken into account in the calculations. |  | |
| 11.2A.2.2 Confirm that calculations and any assumptions have been recorded. |  | |
| 11.2A.2.3 Confirm that calculated results have been compiled in the Calculator, which determined the overall percentage of ROPS with appropriate levels of daylight. | | **☐** |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| [####] | [####] |
| [####] | [####] |

11.2B Green star views

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| --- | --- |
| Confirm that the building seeking Green Star – Performance certification is already certified under one of the Green Star As Built rating tools, and at least one (1) point was achieved in the relevant ‘Views’ credit. |  |

Identify where this information can be found within the supporting documentation provided.

|  |  |
| --- | --- |
| **Supporting Documentation**  (Name / title / description of document) | **Reference**  (Page no. or section) |
| Green Star – [Rating Tool] As Built Certificate and scorecard | [####] |
| [####] | [####] |

DISCUSSION

Outline any issues you would like to highlight and clarify with the Certified Assessor(s).

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# DECLARATION

I confirm that the information provided in this document is truthful and accurate at the time of completion.

Provide author details, including name, position and email address:

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Click here to enter a date.