# visual comfort

### Credit 11

### Design Review Submission As Built Submission

|  |  |  |  |
| --- | --- | --- | --- |
| Total Points available: | 3 | Points claimed: | [#] |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Description | Points Available | Points Claimed |
| **11.1** | **Glare Reduction** | Glare in the nominated area, from sunlight through all viewing façades, is reduced through a combination of blinds, screens, fixed devices, or other means. | Minimum Requirement | [Y/N] |
| **11.2** | **Daylight** | 40% (1 point) or 60% (2 points) of the nominated area receives high levels of daylight. | 2 | [#] |
| **11.3** | **Views** | 60% of the nominated area has a clear line of sight to a high quality internal or external view | 1 |  |

## Project-specific technical questions (formerly tcs and cirs)

|  |  |
| --- | --- |
| 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 NZGBC are attached. |  |

## general information

Provide a list and description of the project’s nominated area. The nominated area includes all primary spaces, apart from those spaces excluded for functional reasons**.**

Provide a description and details of any areas that have been excluded for functional reasons.

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

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

## 

## 11.1 Glare reduction

Please select the compliance pathway(s) used to demonstrate that the minimum requirement has been met:

|  |  |
| --- | --- |
| **11.1A Fixed Shading Devices** The project meets the glare reduction requirement by installation of fixed shading devices. |  |
| **11.1B Blinds or Screens** The project meets the glare reduction requirement by installation of blinds or screens. |  |
| **11.1C Daylight Glare Model** The project meets the glare reduction requirement by undertaking a daylight glare model. |  |

Provide a description of how the project meets the glare reduction minimum requirement.

|  |  |  |
| --- | --- | --- |
| 11.1A FIXED SHADING DEVICES - Summary table | | |
| **Glazing Configuration Test Point** | **% working plane hours/year shaded via Fixed Shading** | **Describe why these points are representative of the glazing configuration** |
| [Space 1 / Level 1] |  |  |
| [Space 2 / Level 2] |  |  |
| [Space 3 / Level 3] |  |  |

Note: Project teams may add more rows as required or use an attachment to display this information.

|  |  |  |  |
| --- | --- | --- | --- |
| 11.1B Blinds or Screens - Summary table | | | |
| **Glazing Configuration Test Point** | **Blind/screen type(s)** | **VLT** | **Can be controlled by affected occupants** |
| [Space 1 / Level 1] |  |  | [Y/N] |
| [Space 2 / Level 2] |  |  | [Y/N] |
| [Space 3 / Level 3] |  |  | [Y/N] |

Note: Project teams may add more rows as required or use an attachment to display this information.

|  |  |  |  |
| --- | --- | --- | --- |
| 11.1C Daylight Glare Model - Summary table | | | |
| **Glazing Configuration Test Point** | **Glare reduced using fixed shading (list facades)** | **Glare reduced using blinds/ screens (list facades)** | **All the nominated areas shaded using combined approach** |
| [Space 1 / Level 1] | [eg north, south] | [eg east, west] | [eg. Yes] |
| [Space 2 / Level 2] |  |  |  |
| [Space 3 / Level 3] |  |  |  |

Note: Project teams may add more rows as required or use an attachment to display this information.

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

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

## 11.2 Daylight

|  |  |
| --- | --- |
| Number of points being claimed for this criterion. | [1/2] |
| Percentage of nominated area that receives high levels of daylight during 80% of the nominated occupied hours. | [xx]% |

Please select the compliance pathway(s) used to demonstrate that this criterion has been met:

|  |  |
| --- | --- |
| **11.2A Prescriptive Method** The project demonstrates that it meets the requirements of the Daylight criterion using manual calculations. |  |
| **11.2B Compliance using Daylight Factor** The project demonstrates that it meets the requirements of the Daylight criterion using a Daylight Factor calculation. |  |
| **11.2C Compliance using Daylight Autonomy** The project demonstrates that it meets the requirements of the Daylight criterion by undertaking a daylight autonomy model. |  |

Provide a description of how the project meets this requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| 11.2 Daylight Access - Summary Table | | | |
| **Glazing Configuration Test Point** | **Area (m2)** | **% of nominated area with access to daylight** | **Compliance option**  **(A/B/C)** |
| [Space 1 / Level 1] |  |  | [Option A / Option B / Option C] |
| [Space 2 / Level 2] |  |  |  |
| [Space 3 / Level 3] |  |  |  |
| **Total area** |  |  |  |
| **Total % of nominated area with access to daylight** | | |  |

Note: Project teams may add more rows as required or use an attachment to display this information.

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

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

## 11.3 views

|  |  |
| --- | --- |
| The project provides access to high quality views to at least 60% of the nominated area. |  |

Provide a description of how the project meets this requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| 11.3 Views - Summary table | | | |
| **Space / Level** | **Area (m2)** | **% nominated area with good access to views** | **Compliance option**  **[Internal or External]** |
| [Space 1 / Level 1] |  |  | [Internal/External] |
| [Space 2 / Level 2] |  |  |  |
| [Space 3 / Level 3] |  |  |  |
| **Total area** |  |  |  |
| **Total % of area with good access to views** | | |  |

Note: Project teams may add more rows as required or use an attachment to display this information.

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

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

## DISCUSSION

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

## 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:

[Date]

––– **Report end** –––