# visual comfort

### Credit 12

### Design Review Submission As Built Submission

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Criteria | Description | Points Available | Points Claimed |
| **12.1** | **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] |
| **12.2** | **Daylight** | 40% or 60% of the nominated area receives high levels of daylight. | 2 | [#] |
| NA |  |
| **12.3** | **Views** | 60 % of the nominated area has a clear line of sight to a high quality internal or external view | 1 |  |
| NA |  |

## 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. |  |

## Please justify if NA is claimed

## 12.1 Glare reduction

Provide a description of the project’s Nominated Area and details of any areas that have been excluded for functional reasons. The Nominated Area includes all primary and secondary spaces, apart from those spaces 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) |
| [####] | [####] |
| [####] | [####] |

|  |  |
| --- | --- |
| Glare from sunlight through all viewing façades in the nominated area, is reduced through a combination of blinds, screens, fixed devices, or other means. | |
| 12.1A The project meets the requirements of the glare reduction by installation of fixed shading devices. |  |
| 12.1B The project meets the requirements of the glare reduction criterion by installation of blinds or screens. |  |
| 12.1C The project demonstrates that it meets the requirements of the glare reduction criterion by undertaking a Daylight Glare Model. |  |

## 

|  |  |  |
| --- | --- | --- |
| 12.1A Fixed Shading Device Summary | | |
| **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] |  |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

|  |  |  |  |
| --- | --- | --- | --- |
| 12.1B Blinds or Screens Summary | | | |
| **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] |  |  |  |
| [Space 3 / Level 3] |  |  |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

|  |  |  |  |
| --- | --- | --- | --- |
| 12.1C Daylight Glare Model Summary | | | |
| **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] |  |  |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

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

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

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

## 12.2 Daylight

|  |  |
| --- | --- |
| Points claimed for this criterion. | [1/2] |
| Percentage of nominated area that receives high levels of daylight during the standard hours. | [x%] |
| 12.2A The project demonstrates that it meets the requirements of the daylight criterion via the prescriptive method. |  |
| 12.2B The project demonstrates that it meets the requirements of the daylight criterion using a Daylight Factor calculation. |  |
| 12.2C The project demonstrates that it meets the requirements of the glare reduction criterion by undertaking a Daylight Autonomy Model. |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Provide a description of the project’s Nominated Area and details of any areas that have been excluded for functional reasons. The Nominated Area includes all primary spaces, apart from those spaces 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) | | [####] | [####] | | [####] | [####] |  Daylight Access Summary | | | |
| **Glazing Configuration Test Point** | **Area (m2)** | **% of nominated area with access to high levels of daylight** | **Compliance Pathway** |
| [Space 1 / Level 1] |  |  | [Pathway 12.2A / 12.2B / 12.1C] |
| [Space 2 / Level 2] |  |  |  |
| [Space 3 / Level 3] |  |  |  |
| **TOTAL** |  |  |  |
| % of nominated area with access to daylight | |  |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

Provide a description of how the project meets this requirement.

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

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

## 12.3 views

|  |  |
| --- | --- |
| 12.3 The project provides high quality views to at least 60% of the nominated area. |  |

Provide a description of the project’s Nominated Area and details of any areas that have been excluded for functional reasons. The Nominated Area includes all primary spaces, apart from those spaces 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) |
| [####] | [####] |
| [####] | [####] |

|  |  |  |  |
| --- | --- | --- | --- |
| Views Summary | | | |
| **Space / Level** | **Area (m2)** | **Area with good access to views** | **Compliance option**  **[Internal / External/View Rating]** |
| [Space 1 / Level 1] |  |  |  |
| [Space 2 / Level 2] |  |  |  |
| [Space 3 / Level 3] |  |  |  |
| **TOTAL** |  |  |  |
| **% of Area with good access to views** | |  |  |

**Please note: project teams may add more rows as required or use an attachment to display this information.**

Provide a description of how the project meets this requirement.

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 for 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** –––