# 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 | [#] |
| **12.3** | **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. |  |

## 12 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**.**

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

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

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) |
| [####] | [####] |
| [####] | [####] |

## 12.1 Glare reduction

|  |  |
| --- | --- |
| 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) |
| [####] | [####] |
| [####] | [####] |

Provide a list and description of any residential areas which have been excluded from the minimum requirement. Please describe how it is expected that blinds will be installed by the occupiers.

## 12.2 Daylight

|  |  |
| --- | --- |
| Points claimed for this criterion. | [1/2] |
| Percent 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.**

|  |  |  |  |
| --- | --- | --- | --- |
| 12.2 Daylight Access Summary | | | |
| **Glazing Configuration Test Point** | **Area (m2)** | **% of nominated area with access to 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 to views to at least 60% of the nominated area. |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Views Summary | | | |
| **Space / Level** | **Area (m2)** | **Area with good access to views** | **Compliance option**  **[Internal / External]** |
| [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** –––