# Adaptation and Resilience

### Credit 3

### Design Review Submission As Built Submission

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Criteria | Description | Points Available | Points Claimed |
| **3.1** | **Conditional Requirement** | The project team must complete the climate change pre-screening checklist; and  The project team must communicate the building’s exposure to climate change hazards, and any identified risks to the client/building owner. | Conditional Requirement | [Y/N] |
| **3.2** | **Climate Change Risk Assessment and Adaptation Plan** | A project specific Climate Change Risk Assessment has been developed in accordance with a recognised standard; and  A Climate Adaptation Plan has been developed, including solutions for the building design and construction that specifically address key risks identified in the Climate Change Risk Assessment. | 2 | [#] |
| **3.3** | **Earthquake Resilience** | The project implements strategies to mitigate the impact of earthquake and seismic movement over the life of a building. | 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. |  |

3.1 Conditional requirement

|  |  |
| --- | --- |
| A Climate Change Pre-screening Checklist has been complete and signed off by a member of the project team and shared with key stakeholders OR |  |
| A project specific Climate Change Risk Assessment and Adaptation Plan has been complete and submitted, meeting the compliance requirements under 3.2 |  |

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

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

## 3.2 Climate change risk assessment and Adaptation plan

|  |  |  |
| --- | --- | --- |
| A project-specific Climate Change Risk Assessment and Climate Adaptation Plan was developed by a suitably qualified professional as detailed in the Compliance Requirements and their CV is attached. |  |  |
| A risk register of all potential risks identified to the building, its operation, and occupants is developed and communicated to stakeholders. |  |  |
| Specific adaptation design responses for ‘high’ or ‘extreme’ risks and associated responsibilities for action have been well communicated and addressed. |  |  |
| A stakeholder consultation was undertaken during preparation of the Climate Adaptation Plan; AND  Results of the risk assessment have been well communicated to the leads of all design disciplines. |  |  |
|  |  |  |



Risk assessment approach used for the project

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

Provide a summary of selected climate change projections and RCP scenario used

**Provide a summary of how** Stakeholder consultation was undertaken during preparation of the Climate Adaptation Plan and how the results of the assessment were communicated to the leads of all design disciplines

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

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







































3.3 earthquake resilience

One (1) point is available to projects that implement strategies to mitigate the impact of earthquake and seismic movement over the life of a building. The criteria are listed as below:

|  |  |  |
| --- | --- | --- |
| **3.3.1 Low Damage Design (LDD) Analysis**  A Low Damage Design analysis has been undertaken by a suitably qualified professional, using an accepted industry guideline or standard. |  |  |
| **3.3.2 Summary Evaluation**  The project’s seismic performance has been evaluated against “standard practice” and a summary prepared demonstrating how the project achieves best practice. |  |  |
| The Low Damage Design analysis and Summary Evaluation were developed by a suitably qualified professional as detailed in the Compliance Requirements and their CV is attached. |  |  |

**Recognised Standards**

The LDD analysis has been developed in line with the recognised standard(s) below:

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

|  |  |
| --- | --- |
| **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** –––