

Government Requirements Identification Form

Instructions to the Assessor

The candidate will review the construction drawings and specifications from *Task 1*. They will then use this *Government Requirements Identification Form* to document how each building complies with building and construction regulations, codes, and standards.

Instructions to the Candidate

Use this *Government Requirements Identification Form* to document how each building complies with building and construction regulations, codes, and standards.

Ensure you have completed all fields in this form before submitting it to your assessor.

GOVERNMENT REQUIREMENTS IDENTIFICATION FORM	
Participant name	Tyanna Childs
Date	07/02/2024

Details of the Building and Construction Project

Name of building and construction project	M1 Connect – 120 Siganto Drive Helensvale, QLD 4212
Type of project	☐ Residential building ☒ Commercial building
State/territory	Queensland

Section 1 – Building and Construction Regulations

Add rows as needed to account for all relevant regulations

Regulation	Brief Explanation of how the Building Complies with Identified Regulation
NCC – Vol 1 – Part J1.5 Walls and Glazing (Table J1.5a)	CSR Bradford Gold Wall HP Batt R2.5 (90mm) unfaced within 90mm (nominal) stud to be used for lightweight clad masonry insulation.
NCC – Vol 1 – Part J1.3 – Roof and ceiling construction	CSR Bradford Anticon 90 R2.0 (90mm) face with Thermoseal (730) medium duty reflective foil laminate, with foil pointing downwards to be used for low pitch metal roof insulation.
NCC – Vol 1 – E2.2a – Smoke detection and alarm system	Fire evacuation speakers to be installed as per electrical plans supplied by Electrical contractor
NCC – Vol 1 – Part D1 Access and Egress – D1F1	Access to the building is provided via a main foyer glass sliding door, an access door via the bike storage room at the back of the building and 2x lifts from the basement carpark.

Section 2 – State/Territory EPA Regulations

Add rows as needed to account for all relevant regulations

Regulation	Brief Explanation of how the Building Complies with Identified Regulation
Environmental Protection Act 1994 – Erosion & Sediment control (ESC) on construction sites	Erosion is very limited as there is very little excavation works for this specific project as the entirety of the new building works is over an existing, previously completed podium slab.

Environmental Protection Regulations 2019 (QLD) – Division 2 – Critical Design Requirements – Performance outcomes	Storage areas have been assigned for hazardous substances and will be in bunded areas or lockable cabinets as necessary, situated away from flood prone zones and environmentally sensitive receptors.
GCCC Noise regulations	Noise generating works will only be undertaken during approved building hours as nominated by GCCC regulations, which is between 6:30 and 6:30pm Monday to Saturday. No works on a Sunday or public holiday.
QLD Department of Environment, Science and Innovation – Urban stormwater quality – State Planning Policy - SPP Code: Water Quality	Stormwater quality treatment is provided for the site's runoff via trunk (regional) treatment train. Gross Pollutant Traps (GPT) are installed on the trunk stormwater line outlets.

Section 3 – Performance Requirements

Add rows as needed to account for all relevant performance requirements

Performance Requirements List all performance requirements, including those of the state/territory	How the Building Complies with the Performance Requirement
NCC – Vol 1 – Part F4 Sanitary and other facilities – F4P1 – Personal hygiene facilities	Male, female and PWD bathrooms provided on each level (ground, level 1 and level 2).
NCC – Vol 1 – Part F6 Light and Ventilation – F6P1 – Natural Lighting	Sufficient natural light is provided on ground, level 1 and level 2 via glazing applied to the north, south, east and west of the building, accumulating to roughly 40% of the external build.
NCC – Vol 1 – Part E3 Lift Installations – E3P4 – Lift access for people with a disability	2 x lifts installed that provide access for people with a disability

NCC – Vol 1 – Part E4 Visibility in an emergency, exit signs and warning systems – E4P1 Visibility in an emergency	Emergency lights activate instantaneously upon the failure of an artificial lighting system.
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Section 4 – Standards

Add rows as needed to account for all relevant standards

Standards List all standards, including those of the state/territory	How the Building Complies with the Standard
AS 5637.1:2015 – Wall & Ceiling Fire Hazard Properties	Kingspan Kooltherm K17 insulated plasterboard is being used for internal walls in accordance with AS 5637.
AS 2118.1:2018 – Automatic Fire Sprinkler Systems	Sprinkler protection to Basement/Carpark
AS1668.2:2012 – Mechanical Ventilation in Buildings	MSSB (Mechanical Services Switchboard) ventilation system will be fitted with dedicated terminals
AS1670.1:2018 – Fire detection, warning, control and intercom systems	EWCI (Emergency Warning Control and Indicating Equipment) to be installed on ground level to the right of the main foyer entrance.
AS1428.1:2021 – Design for Access and mobility	All air conditioning controllers will be located at 1500mm above the plane of the finish floor.
AS/NZS2890.2:2018 – Parking Facilities	Pedestrian sight triangles to the southern driveway as it is a one lane, one way drive way.
AS2293.2:2019 – Emergency escape lighting and exit signs	Emergency lights is located on each level of the building and leads to and along the path to the exit.

AS3660.1 – Termite Management	Full reticulation termite barrier / management system installed to existing slab – Form 16 provided at purchase of land.
AS 1905.1:2015 – Fire-resistant doorsets.	Installation of a Non-combustible door - 60/30 fire door or metal backed solid core door.
AS4254.1.2021 – Ductwork for air-handling systems in buildings – 2.4.3 – Fire Performance	All insulated and uninsulated Flexible duct has been tested for fire performance
AS/NZS 4858:2004 – Wet Area Membranes	WPA 500 is being used to wet areas. This membrane is a Class III membrane in accordance with AS/NZS 4858.

END OF GOVERNMENT REQUIREMENTS IDENTIFICATION FORM