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	Lucy Muston
Date	08/01/2025

Details of the Building and Construction Project

Name of building and construction project	EST09310 Lavarack Barracks MP Lockers
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
National Construction Code (NCC)	The building will comply with structural, fire safety, accessibility, and energy efficiency provisions under the NCC. For instance, fire-resistant materials, emergency exits, and energy-efficient lighting will be incorporated
Australian Standards (AS1170, AS1428, etc.)	The building will meet standards for structural design (AS1170) and accessibility (AS1428). This includes ensuring structural integrity and providing ramps, wide doorways, and accessible lockers.
Defence-Specific Requirements	Security measures, such as reinforced doors, surveillance systems, and locker designs, will align with Defence protocols to protect assets and personnel.
Workplace Health and Safety (WHS) Regulations	The building will feature proper ventilation, lighting, and ergonomic designs to ensure safety for workers and users during and after construction.
Local Council and State Regulations	All Townsville and Queensland-specific building codes will be followed, including zoning, development permits, and setback requirements, ensuring full local compliance.
Disability (Access to Premises - Buildings) Standards 2010	Accessible facilities, including ramps and compliant locker heights, will ensure equitable access for individuals with disabilities.
Environmental Regulations	The project will utilise eco-friendly materials and manage construction waste to reduce its environmental impact, adhering to state and federal environmental laws.

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 (Queensland)	Ensures that the construction process minimises environmental harm. The project will implement sediment and erosion controls, manage construction waste responsibly, and prevent pollution of nearby water bodies.
Waste Reduction and Recycling Act 2011 (Queensland)	Requires the efficient use of resources and proper waste disposal. The building project will incorporate recycling initiatives for materials like concrete and steel and establish waste segregation protocols on-site.
Contaminated Land Management Regulations	Protects against environmental harm from contaminated soil. Soil testing will be conducted, and any contaminated material identified will be managed and disposed of according to guidelines
Noise Abatement Regulations	Limits noise pollution during construction. The project will adhere to permissible work hours and use sound-dampening equipment to minimise disturbances to surrounding areas.
Air Quality Management Standards	Ensures air quality is protected during construction. Dust suppression methods, such as water spraying and fencing, will be employed to reduce airborne particulates.
Stormwater Quality Regulations	Protects water quality by managing stormwater runoff. The project will implement drainage systems and on-site water treatment to prevent contamination of local waterways.
Environmental Offsets Act 2014 (Queensland)	Requires offsets for any unavoidable environmental impacts. If necessary, the project will provide offsets, such as replanting vegetation or funding environmental programs, to compensate for any ecological disturbances.

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**
Structural Integrity- The building must withstand all anticipated loads, including wind, seismic, and live loads, as per the NCC and Australian Standards (AS1170).	Designed and constructed with reinforced concrete and steel framing to ensure structural stability and longevity under Queensland's environmental conditions.
Fire Safety - The building must include adequate fire detection, suppression systems, and safe evacuation routes as per the NCC and state fire codes.	Incorporates smoke detectors, fire-resistant materials, sprinkler systems, and clearly marked, accessible emergency exits.
Accessibility - The building must provide equitable access for all users, complying with NCC provisions and the Disability (Access to Premises - Buildings) Standards 2010.	Features include ramps, handrails, wide doorways, compliant locker heights, and accessible restroom facilities.
Energy Efficiency - The building must meet NCC Section J requirements for energy efficiency, including thermal performance and reduced energy consumption.	Insulated walls and roofing, energy-efficient LED lighting, and solar-powered systems are integrated into the design.
Security- The building must ensure the safety of military assets and personnel, meeting Defence-specific security protocols.	Includes reinforced doors, controlled access systems, CCTV surveillance, and secure locker installations.
Enviromental Sustainability - Compliance with Queensland's EPA regulations, including waste management, water conservation, and pollution control.	Incorporates rainwater harvesting, low-impact materials, and on-site waste segregation to minimise environmental impact.
Noise Control- onstruction and operation must limit noise levels to comply with local council noise abatement regulations.	Utilises sound-dampening construction techniques and restricts construction activities to permissible hours.
Stormwater Management - Stormwater runoff must be managed to prevent flooding and pollution, adhering to Queensland stormwater regulations.	Installs permeable surfaces, stormwater detention systems, and sediment control measures to manage runoff effectively.

Indoor Air Quality - The building must ensure good air quality for occupants, in line with NCC and WHS regulations.	Includes proper ventilation systems, use of non-toxic paints and materials, and regular air quality monitoring.
Compliance with Zoning and Local Planning Laws- The building must meet zoning, land use, and planning approvals from the Townsville council.	Designed to fit within zoning requirements, obtaining necessary permits and approvals before construction.

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**
National Construction Code (NCC) - Governs building design and construction, including fire safety, structural integrity, energy efficiency, and accessibility.	The building adheres to NCC requirements by incorporating fire-rated materials, reinforced structural systems, energy-efficient lighting, and accessible features like ramps and compliant locker heights.
Australian Standards (AS1170 - Structural Design Actions) - Ensures the building can withstand various loads, including wind, live, and seismic forces.	The building's design incorporates load calculations, reinforced materials, and bracing systems tailored for Queensland’s environmental conditions.
Australian Standards (AS1428 - Design for Access and Mobility) - Specifies requirements for buildings to be accessible to people with disabilities.	Features accessible pathways, handrails, wide doorways, compliant locker dimensions, and wheelchair-accessible facilities.
Australian Standards (AS1684 - Residential Timber-Framed Construction) - Provides guidelines for the use of timber in construction.	Timber used in the project is treated for durability and installed per AS1684 specifications for framing and structural components.
Australian Standards (AS3000 - Electrical Installations) - Governs the safety and installation of electrical systems.	All electrical systems are installed by licensed electricians and tested to meet AS3000 standards for safety and reliability.

Workplace Health and Safety Standards (WHS) - Ensures safety in the workplace during construction and use.	Includes safety signage, protective barriers, fall prevention systems, and adherence to WHS risk assessment protocols.
Environmental Protection Standards (Queensland) - Regulates pollution control, waste management, and environmental sustainability.	Implements sediment and erosion control measures, uses eco-friendly materials, and ensures proper disposal of construction waste.
Energy Efficiency Standards (NCC Section J) - Requires buildings to achieve energy efficiency in design and operation.	Includes thermal insulation, energy-efficient HVAC systems, and LED lighting to meet the energy efficiency benchmarks.
Noise Standards (Queensland Environmental Protection Regulation 2019) - Regulates noise emissions during construction and use.	Construction activities are scheduled within allowable hours, and noise-reducing barriers are used to minimise disruptions.
Fire Safety Standards (AS2118 - Automatic Fire Sprinkler Systems) - Sets requirements for the design and installation of fire sprinkler systems.	Installs fire sprinklers and alarms per AS2118 and conducts regular testing to ensure functionality.
Plumbing and Drainage Standards (AS3500) - Covers the design and installation of plumbing and drainage systems.	All plumbing systems, including stormwater management and sanitary fixtures, are installed per AS3500 specifications.
Building Code of Queensland (BCQ) - State-specific requirements that complement the NCC for construction in Queensland.	The building adheres to BCQ guidelines, ensuring compliance with local climate and environmental conditions.

END OF GOVERNMENT REQUIREMENTS IDENTIFICATION FORM