

9th June 2026

Project No: 15950

Teakle & Lalor
G1 / 219 Foreshore Drive
GERALDTON WA 6530

ATTENTION: MR. P. TEAKLE

Dear Peter,

**RE: CERTIFICATE OF DESIGN COMPLIANCE - STRUCTURAL ELEMENTS
PROPOSED CHANGEROOMS AT NABAWA OVAL
CHAPMAN VALLEY, NABAWA**

We confirm that the above project has been designed in accordance with and complies with the following relevant Australian Standards:

- AS/NZS 1170.0:2002 – Structural Design Actions – General Principles
- AS/NZS 1170.1:2002 – Permanent, imposed and other actions
- AS/NZS 1170.2:2021 – Wind actions
- AS 1170.4:2024 – Earthquake actions in Australia
- AS 4100-1998 – Steel Structures
- AS 3700-2018 – Masonry structures
- AS 1720-2010 – Timber structures
- AS 2047-2014 – Windows in buildings – Selection and installation
- AS 2870:2011 – Residential slabs and footings
- AS 3798-2007 – Guidelines on earthworks for commercial and residential developments
- AS 4678-2002 – Earth-retaining structures

The project has also been designed in accordance with the relevant structural provisions in the National Construction Code of Australia BCA (Volume 1) – 2022 (Amendment 2).

Furthermore, the above project complies with the following specific design criteria:

Design event criteria in accordance with AS/NZS 1170.0:

- Importance Level: 2
- Design working life: 50 years

Permanent and imposed actions in accordance with AS/NZS 1170.1:

- Imposed Floor Action = 2.0kPa
- Imposed Roof Action = 0.25kPa

Wind actions in accordance with AS/NZS 1170.2:

- Annual Probability of Exceedance
 - Ultimate: 1/500
 - Serviceability: 1/25
- Wind Region 'B2'

- Terrain Category 2.5: $M_{z,cat} = 0.87$
- Shielding: $M_s = 1.0$
- Wind Direction Multiplier: $M_d = 0.9$
- Topographic Multiplier: $M_t = 1.0$
- Climate Change Multiplier: $M_c = 1.05$
- Ultimate Regional Wind Velocity ($V_{R,u}$) = 57m/s
- Serviceability Regional Wind Velocity ($V_{R,s}$) = 39m/s
- Internal Pressure Coefficients: +0.5, -0.3

Design Wind Pressures for windows in accordance with AS 2047:

- Serviceability: 1000Pa
- Ultimate: 2100Pa

Footings and slabs on ground to Site Class 'S' in accordance with AS2870.

Earthquake Actions in accordance with AS 1170.4:

- Annual Probability of Exceedance 1/500
- Probability Factor (k_p) = 1.0
- Earthquake Acceleration Coefficient (Z) = 0.09
- Site Subsoil Class: C_e
- Earthquake Design Category II ($k_p Z = 0.09$)

Retaining wall surcharges in accordance with AS 4678:

- Structure Classification: B
- Design surcharge: 5kPa

Please note the above compliance relates only to the structural design and all other elements are the responsibility of the architectural design and other relevant consultants. This document is applicable to design only and does not cover the certification of the as-constructed structure.

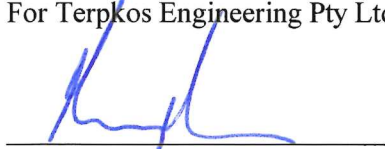
The applicable structural drawings related to this certification are listed below:

	Project No.	Drawing No.	Rev
-	15950	S0.01	BP
-	15950	S1.01 – S1.02	BP
-	15950	S2.01	BP
-	15950	S3.01 – S3.02	BP

Please contact us should you have any further requirements.

Yours faithfully

For Terpkos Engineering Pty Ltd



Paul Terpkos

(BE MIEAust CPEng 72119)