

15 January 2024

CERTIFICATE OF COMPLIANCE STRUCTURAL ENGINEERING DESIGN

To: Tecton Building Services
PO Box 1049
Ballina NSW 2178

Project: Address: 2/6 (Lot 4) Dudgeons Lane, Bangalow
Lot/DP: Lot 2 / SP 84845
DA/CC number: CC 2023/329.1
Proposed works: Existing factory conversion and proposed LPG storage tank enclosure

Structural Engineer: Peter Lucena - Lucena Engineers Pty Ltd
P.O. Box 78
TINTENBAR, NSW 2478
NSW Professional Engineer PRE0001648

As requested, we have designed the structural engineering details for the abovementioned project. The engineering details are included in drawings as listed on page 2 of this certificate and attached.

I certify that these drawings comply with the structural provisions of the Building Code of Australia and relevant codes of Standards Australia.

AS 1170.0:2002	Structural design actions Part 0: General principles
AS 1170.1:2002	Structural design actions Part 1: Permanent, imposed and other actions
AS 1170.2:2021	Structural design actions Part 2: Wind actions
AS 1170.4:2007	Structural design actions Part 4: Earthquake actions in Australia
AS 3600:2018	Concrete Structures
AS 3700:20018	Masonry Structures
AS 4100:2020	Steel Structures

I am an appropriately qualified and competent person in this area and as such can certify that the design as detailed on the following drawings complies with the above. I possess Indemnity Insurance to the satisfaction of the building owner.



Design Documents

Drawings: *Prepared by:* Lucena Engineers Pty Ltd

Project Name: 220840 Lighthouse Laundry – 4 Dudgeons Road

<i>Dwg No:</i>	<i>Drawing Name</i>	<i>A</i>	<i>Rev</i>	<i>Size</i>
S1	SLAB THICKENING LAYOUT & DETAILS	21.12.2022	A	A3
S2	EXISTING FLOOR LAYOUT SHOWING NEW COLUMNS & DETAILS	21.12.2022	A	A3
S3	NEW MEZZANINE LAYOUT	21.12.2022	A	A3
S4	NEW MEZZANINE DETAILS	21.12.2022	A	A3
S5	GENERAL NOTES	21.12.2022	A	A3

220840.1 Lighthouse Laundry – 4 Dudgeons Road

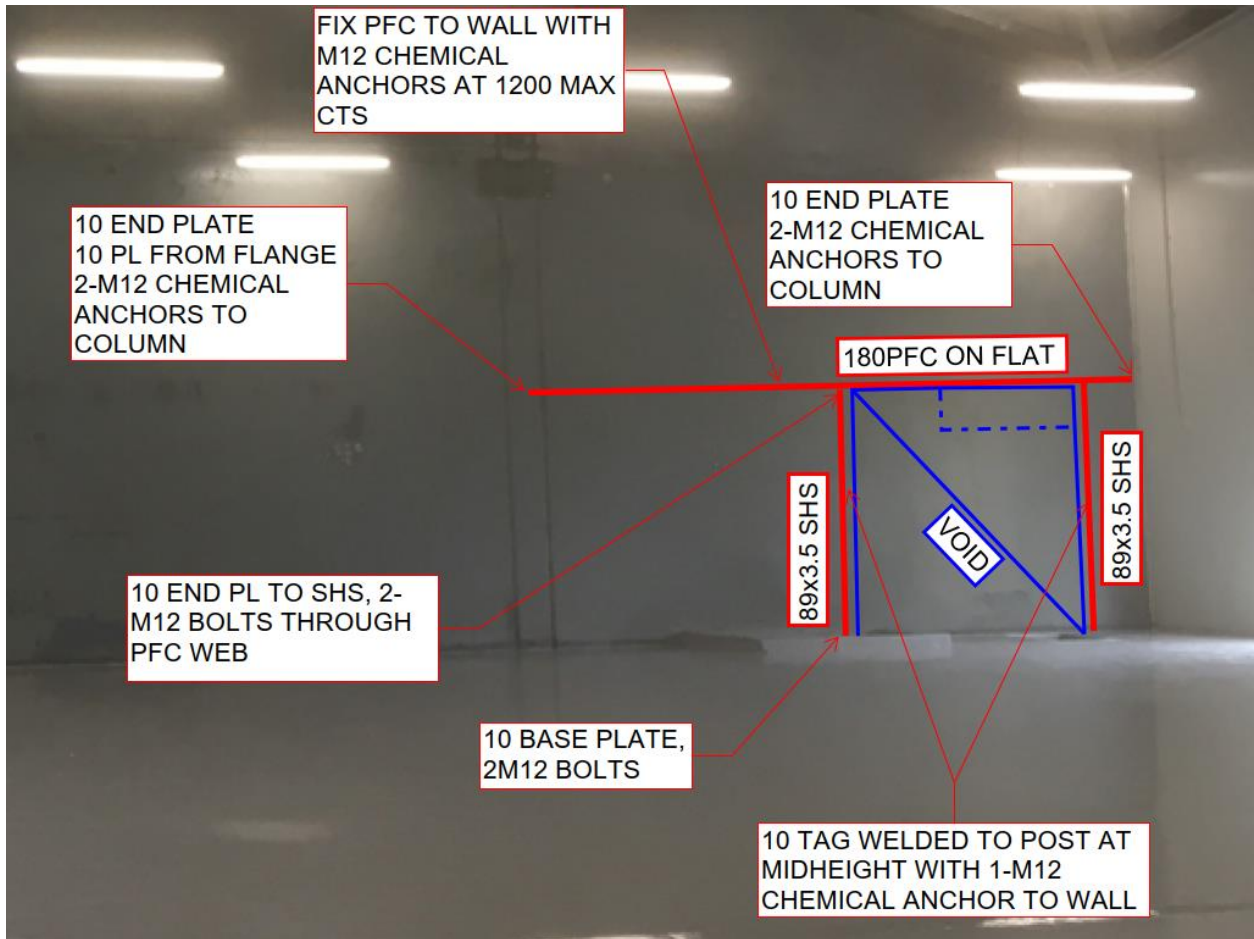
S1	SLAB AND FOOTING LAYOUT	25.08.23	A	A3
S2	SLAB AND FOOTING DETAILS	25.08.23	A	A3
S3	SLAB AND FOOTING DETAILS	25.08.23	A	A3
S4	SLAB AND FOOTING DETAILS	25.08.23	A	A3
GN1	GENERAL NOTES	25.08.23	A	A3

This certificate shall not be construed as relieving any other party of their responsibilities.



Peter Lucena
MIEAust CPEng NER RPEQ VBA
NSW Professional Engineer PRE0001648
Lucena Engineers Pty Ltd

Dated Monday, 15 January 2024



Panel Cut-out Strengthening Works