



COLAFELLA CONSULTING PTY. LTD.
CONSULTING STRUCTURAL & CIVIL ENGINEERS

Building Act 1993 (Vic) Section 238(1)(a)

BUILDING REGULATIONS 2018

Regulation 126: CERTIFICATE OF COMPLIANCE FOR PROPOSED BUILDING WORK

To relevant building surveyor:

This certificate is issued in relation to proposed building work:

Nature of proposed building work: Concrete Sleeper Design (5kPa and 10kPa surcharge).
Concrete Strength N40 Grade Concrete.

Building Classification: Class 10b.

Prescribed class of building work for which this certificate is issued:

Design of building work relating to a structural matter.

Documents setting out the design that is certified by this certificate:

| | | | |
|---------------|---|--------|----------|
| Drawing: | n/a | Dated: | |
| Prepared by: | | | |
| Computations: | Structural Computations – Ref: 7349: Pages 1 to 6. | Dated: | OCT 2018 |
| Prepared by: | Colafella Consulting Pty Ltd | | |
| Report: | Concrete Sleeper Selection Chart (5kPa & 10kPa surcharge) | Dated: | OCT 2018 |
| Prepared by: | Structural Works Consulting Engineers | | |

The design certified by this certificate complies with the following provisions of Building Act 1993, Building Regulations 2018, National Construction Code and Australian Standards:

| | | |
|----------------|--------|---|
| AS/NZS 1170.0 | - 2002 | Structural Design Actions – General Principles. |
| AS /NZS 1170.1 | - 2002 | Structural Design Actions – Permanent, imposed and other actions. |
| AS/NZS 1170.2 | - 2011 | Structural Design Actions - Wind Actions |
| AS.NZS 1170.4 | - 2007 | Structural Design Actions – Earthquake Actions in Australia. |
| AS 1720.1 | - 2002 | Timber Structures Code (Part 1) |
| AS 2870.1 | - 2011 | Residential Slabs And Footing Code |
| AS 4100 | - 1998 | Steel Structures Code |
| AS 3700 | - 2001 | Masonry Code |
| AS 3600 | - 2001 | Concrete Structures |
| NCC | - 2016 | Part B Volume 1 |

I prepared the design set out in the documents listed above.

I certify that the design set out in the documents listed above complies with the provisions set out above.

I believe that I hold the required skills, experience and knowledge to issue this certificate and can demonstrate this if requested to do so.

Engineer:

Mr. Alfred Colafella B.E. (Hons) M.I.E.(Aust) C.P.ENG
of Colafella Consultng Pty Ltd (Consulting Structural and Civil Engineers)
8 Howqua Court, Glen Waverley, VIC. 3150.
admin@colafellaconsulting.com

Building practitioner registration category and class: Engineer (Civil)

Building practitioner registration number: EC1472

Date of issue of certificate: Thursday 1st November, 2018.