



**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:**

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

**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](mailto:admin@colafellaconsulting.com)

**Building practitioner registration category and class: Engineer (Civil)**

**Building practitioner registration number: EC1472**

**Date of issue of certificate: Thursday 1<sup>st</sup> November, 2018.**