



Concrete Sleepers

Design Certificate

(5KPa & 10KPa Surcharge)

ABN 23 646 746 027

72 Officer S Rd,
Officer VIC 3809

Phone: 0410 818 242
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www.SunsetSleepers.com.au



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 Consulting 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: PE0003692

Date of issue of certificate: Wednesday 17th November, 2021.

For more information visit
sunsetsleepers.com.au

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