PEER Consulting Engineers

More than just engineers!
PEER Consulting Engineers Pty Ltd
PROJECT MANAGEMENT • CIVIL • STRUCTURAL
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07 3841 2046
4B/2404 Logan Road, Eight Mile Plains QLD 4113

Building Act 1993
Section 238(1)(a)
Building Regulations 2018
Regulation 126

GENERIC CERTIFICATE OF COMPLIANCE FOR PROPOSED BUILDING WORK

This certificate is issued to

This certificate is issued in relation to the building work at: The State of Victoria

Nature of building work

Construction of LevelMaster Rod Bracing Set

Building classification

BCA Classification: 1 & 10a

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

Design or part of the design of building work relating to Structural matter.

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

- Drawing Set – PCE2247.2 - Rev 0. MAY 2023 – Typical Rod Bracing Set
- Design Certification – LEVELMASTER – Rod Bracing Set

The design certified by the certificate complies with the following provisions:

- NCC 2022 Building Code of Australia
- AS 1170.0 2002 Structural design action – General principals
- AS 1170.1 2002 Permanent, Imposed and Other Actions
- AS 1170.2 2021 Structural Design Actions – Wind Actions
- AS 4100 2020 Steel Structures

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I prepared the design, or part of 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.

This document in no way reduces the responsibilities of the architect, builder or installer in the design and construction of this building.

Endorsed building engineer

Full Name	Mengting Zhao
Address	PEER Consulting Engineers 4B/2404 Logan Road, Eight Mile Plains QLD 4113
Email	info@peerce.com.au
Endorsed building engineer area of engineering	Structural
Endorsed building engineer registration number	PE0005236
Date of issue of certificate	01/05/2023 This certificate expires on 30/04/2024
Signature	

BRACING NOTES

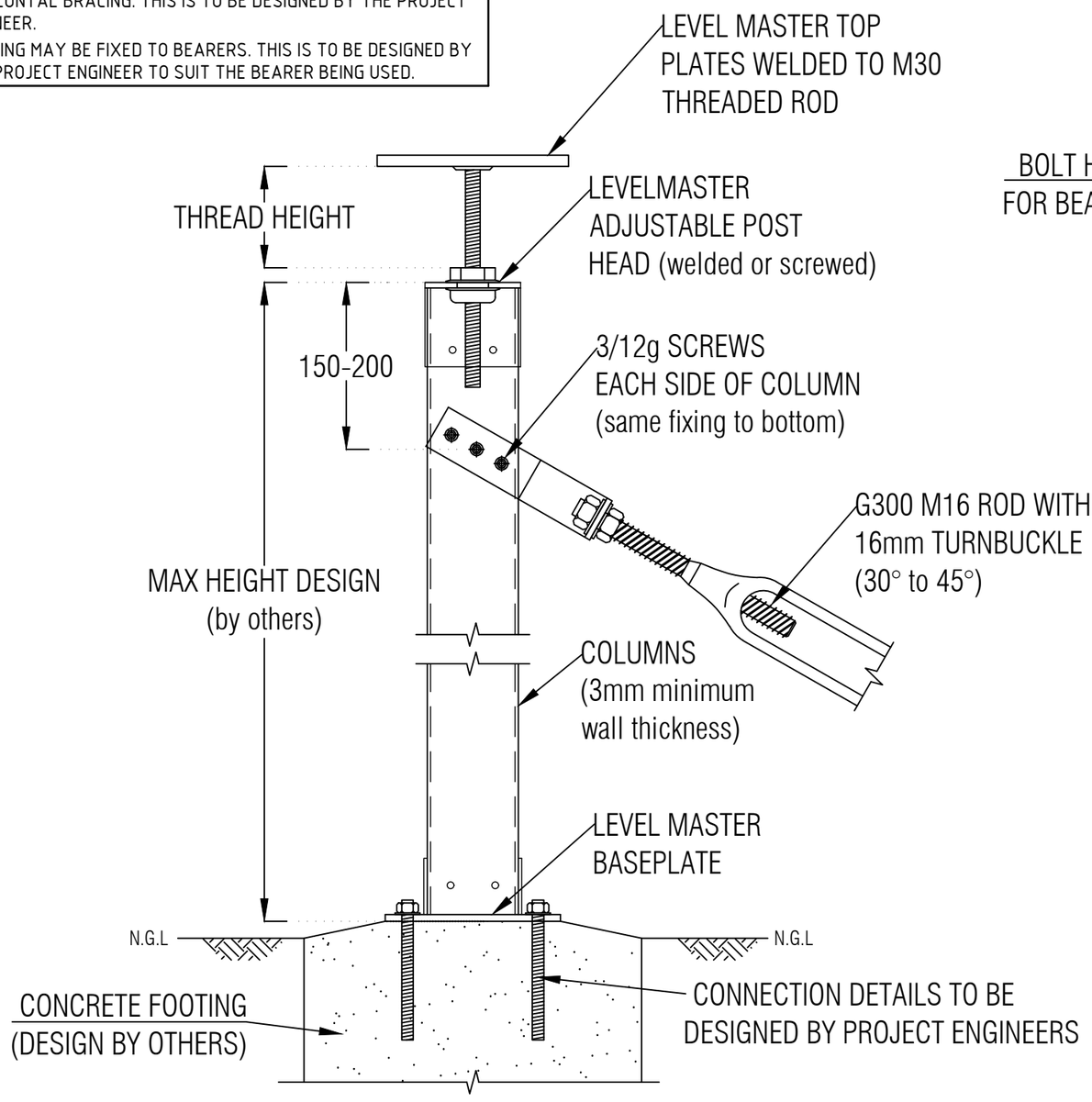
1. THREAD HEIGHT MEASURED FROM TOP OF NUT TO UNDERSIDE OF FIXING TOP PLATE.
2. CAST IN COLUMNS MAY HAVE CAPACITIES THAT EXCEED THOSE IN TABLE-1 BELOW. THIS IS TO BE CONFIRMED AND DESIGNED BY THE PROJECT ENGINEER.
3. BRACING ANGLES IN EXCESS OF 45° MAY REQUIRE ADDITIONAL HORIZONTAL BRACING. THIS IS TO BE DESIGNED BY THE PROJECT ENGINEER.
4. BRACING MAY BE FIXED TO BEARERS. THIS IS TO BE DESIGNED BY THE PROJECT ENGINEER TO SUIT THE BEARER BEING USED.

NOTE 1

THE M16 BRACING ROD (WITH TURNBUCKLE) ASSEMBLY TENSION CAPACITY = 27kN

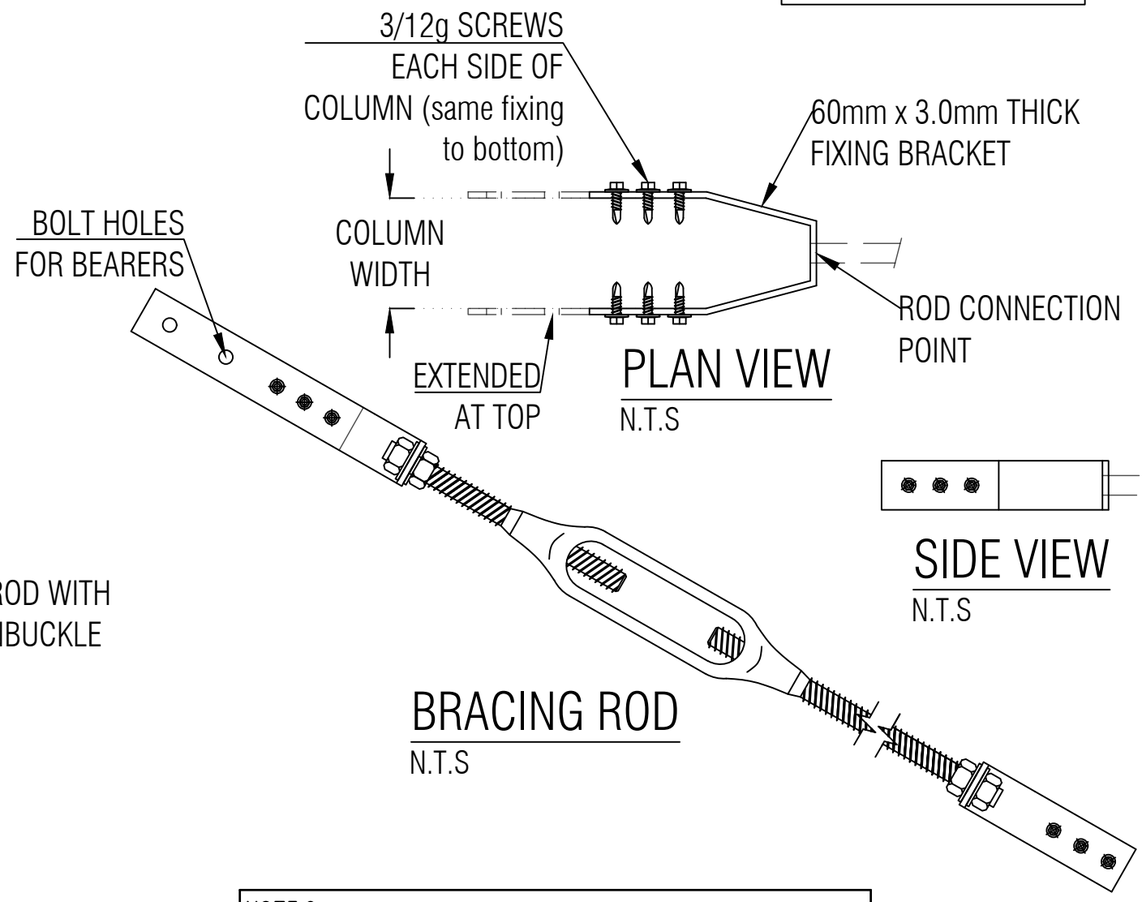
ALL SCREWS TO BE CLASS 4 12g (24TPI) FROM ICCONS PTY LTD.

ALL STEEL TO BE G250 (U.N.O).



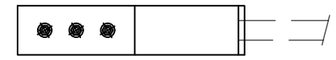
TYPICAL BRACING SECTION

N.T.S



PLAN VIEW

N.T.S



SIDE VIEW

N.T.S

BRACING ROD

N.T.S

NOTE 2

IF THE M16 BRACING ASSEMBLY TO BE USED WITH LEVELMASTER ADJUSTABLE POST HEAD SYSTEMS, THE TOTAL RACKING CAPACITIES COULD BE DOMINATED BY THE POST HEAD COMPONENTS. REFER TO THE TABLE BELOW:

BRACING SET RACKING CAPACITIES

THREAD HEIGHT (mm)	TOTAL RACKING CAPACITY (kN)
25	18.0
50	9.0
75	6.0
100	4.5

DO NOT SCALE FROM DRAWING
ALL SCALES ARE AS SHOWN (A3)

REV.	DESCRIPTION	DATE	INIT.
A	PRELIMINARY ISSUE	MAY2023	J.L.
0	FOR CERTIFICATION	MAY2023	J.L.

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CLIENT: LEVEL MASTER

PROJECT: TYPICAL ROD BRACING SET

TITLE: ROD BRACING CONNECTIONS

DRAWN	DESIGNED	DATE
J.L.	-	MAY 2023
CHECKED	APPROVED	
N.Z.		

DRAWING No. PCE2247.2 – S01

REV. 0