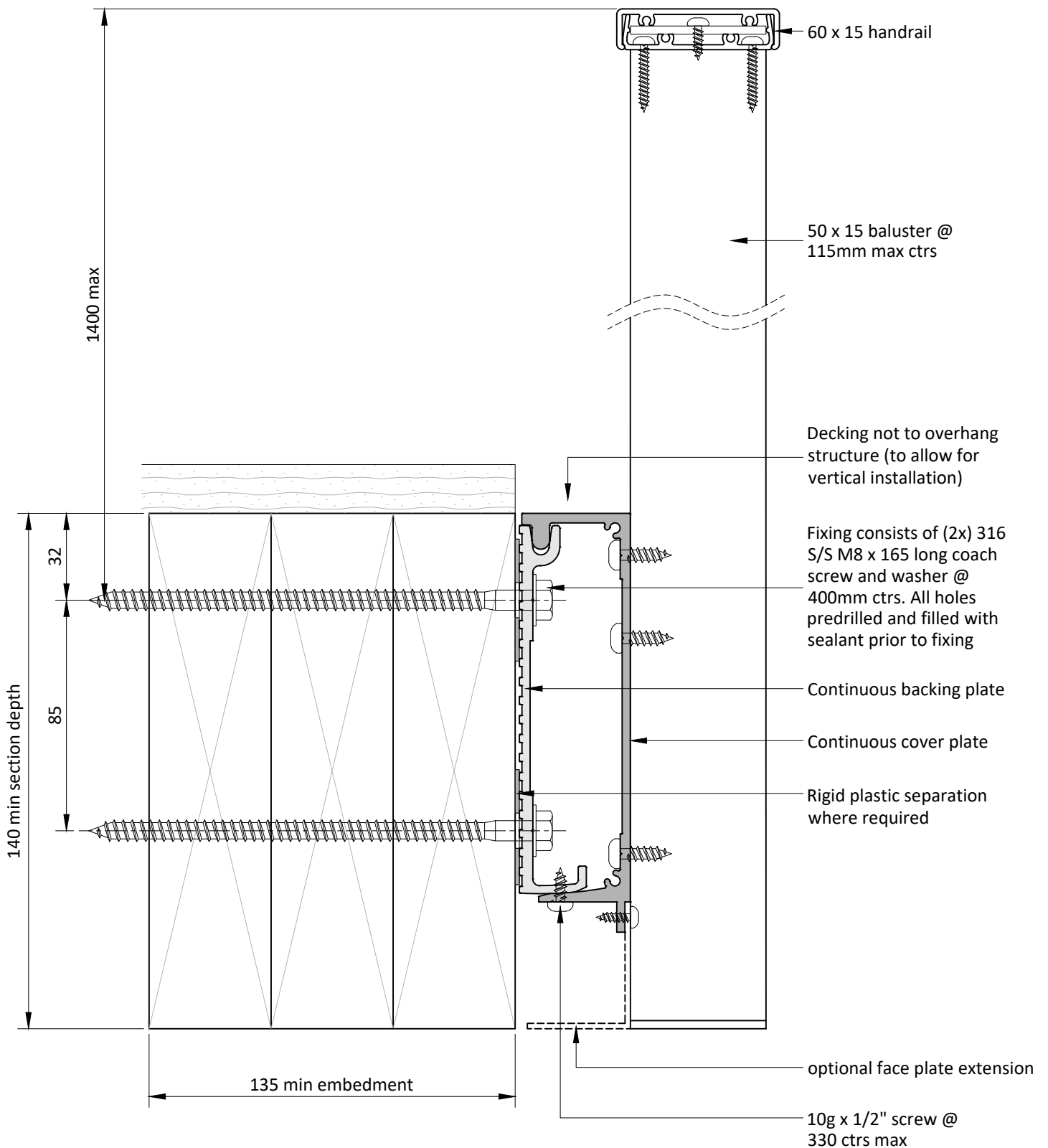


SEAMLESS FACE FIXED TO TIMBER - TRIPLE JOIST



- Applicable to occupancy types A, B, C3 & E.
- Wind Zone ULS max 55m/s
- This is a balustrade connection detail. Deck design, construction and water-proofing is the responsibility of others. For all other applications or non-standard or site specific connections not covered under the standard detail manual please contact Spectrum.



PRODUCER STATEMENT - PS1 – DESIGN

(Guidance on use of Producer Statements (formerly page2) is available at www.engineeringnz.org)

ISSUED BY: **Chris W Howell & Associates Limited**
(Design Firm)

TO: **SPECTRUM ALUMINIUM**
(Owner/Developer)

TO BE SUPPLIED TO: **RELEVANT LOCAL TERRITORIAL AUTHORITY**
(Building Consent Authority)

IN RESPECT OF: **SEAMLESS BALUSTRADE**
(Description of Building Work)

AT: **VARIATION LOCATIONS**
(Address)

TOWN/CITY: _____ **LOT:** _____ **DP:** _____ **SO:** _____
(Address)

We have been engaged by **Spectrum Aluminium** to provide structural engineering design services for
(Owner/Developer/Contractor/Or Other)

- Aluminium balustrade members, connections up to 1.1m and 1.4m
(Extent of engagement)

in respect of the requirements of Clause(s) **B1** of the Building Code for:

All or Part only (as specified above or in the attachment to this statement), of the proposed building work.

The design carried out by us has been prepared in accordance with:

- Compliance Documents issued by Ministry of Business, Innovation & Employment **B1/MM1** or
(verification method / acceptable solution)
- Alternative solution as per the attached schedule

The proposed building work covered by this producer statement is described on the drawings titled _____ and numbered _____ together with the calculations and specification, and other documents as set out in the schedule where applicable attached to this statement.

On behalf of the Design Firm, and subject to:

- (i) **Site verification of the following design assumptions - The main building structural members have been designed to take all the balustrade loads**
- (ii) **All proprietary products meeting their performance specification requirements;**

I **believe on reasonable grounds** that a) the building, if constructed in accordance with the drawings, attached calculations provided and specifications (or other documents set out in the attached schedule where applicable) will comply with the relevant provisions of the Building Code and that b) the persons who have undertaken the design have the necessary competency to do so. I also recommend the following level of construction monitoring/observation.

- CM1 CM2 CM3 CM4 CM5 *(Engineering Categories)*

I, **Robert Good** am **CPEng No: 142660**
(Name of Design Professional)

I am a Member of Engineering New Zealand and hold the following qualifications: **MEng Sts, BE (Civil), CPEng;**
(Professional Qualifications)

The Design Firm issuing this statement holds a current policy of Professional Indemnity Insurance no less than \$200,000*.

SIGNED BY: **Robert Good**
(Name of Design Professional)

Signature: 

ON BEHALF OF: **Chris W Howell & Associates Ltd**
(Design Firm)

Date: 21.07.2021 **Job #:** 19634

Note: This statement shall only be relied upon by the Building Consent Authority named above. Liability under this statement accrues to the Design Firm only. The total maximum amount of damages payable arising from this statement and all other statements provided to the Building Consent Authority in relation to this building work, whether in contract, tort or otherwise (including negligence), is limited to the sum of \$200,000*.

This form is to accompany **Form 2 of the Building (Forms) Regulations 2004** for the application of a Building Consent.
THIS FORM AND ITS CONDITIONS ARE COPYRIGHT TO ENGINEERING NEW ZEALAND