NOTES:

1. This proprietary balustrade system complies with New Zealand Building Code Clauses B1 Structure, B1/AS1 Amendment 15, B2 Durability, F2 Hazardous Building Materials and F4 Safety From Falling Third Edition, subject to:

-all products meeting their required performance specification

-site installation carried out in accordance with the intent of this drawing

2. Based on design loads from AS/NZS 1170.1 and a maximum ULS wind pressure of 2.13 kPa (extra high wind zone), maximum span between posts and glass thicknesses are:

Residential occupancies A, A(other) & C3 of Table 3.3 AS/NZS 1170.1:

Maximum span between posts: 1200mm

Viridian safety glass options according to 22.4.3. of NZS 4223.3:2016 are:

a. 8 mm toughened glass with interlinking rail
b. 9.2 mm toughened laminated glass
c. 9.52 mm toughened SentryGlas laminated glass with maximum unsupported overhang of 200mm

-Interlinking rail must be connected to Milano posts, adjacent glass panes or to the building.

-Corner clamps shall be fixed on top of the glass panel.

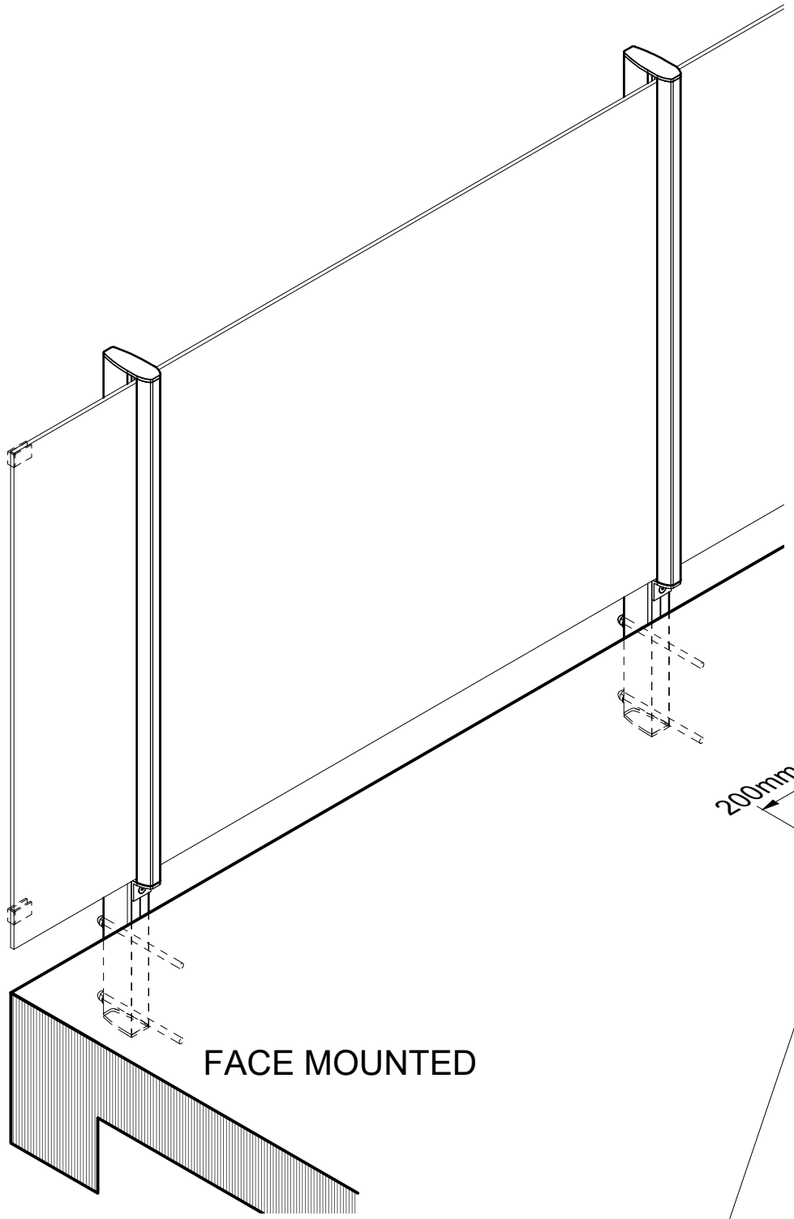
3. The design of the concrete support is the responsibility of others.

4. A handrail of 32-50mm diameter is required for stairs and ramps exceeding 1:20 slope. Refer NZBC D1/AS1.

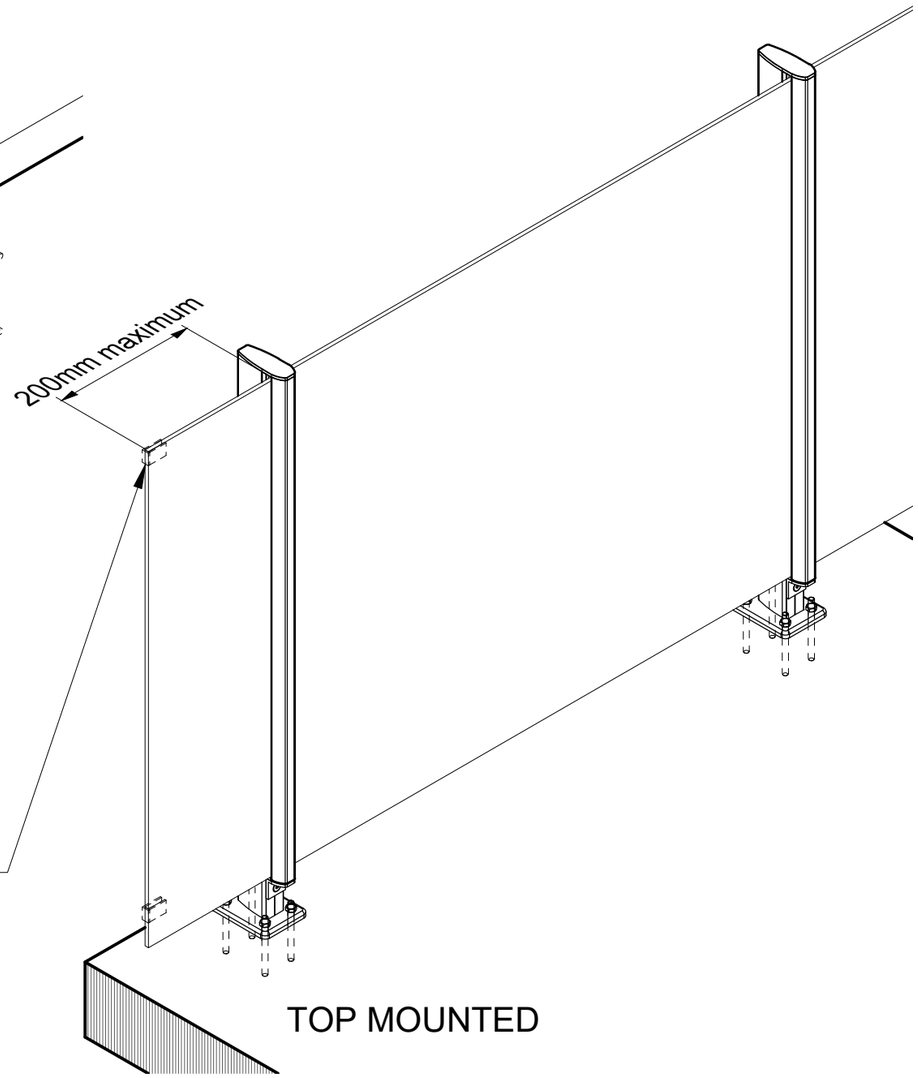
5. Height of interlinking rail to be 1000mm from FFL as per NZBC B1/AS1.

6. Use grade 316 stainless steel fixings and washers

7. Duratec powdercoat or 25 micron anodised finish is recommended for installations within 100m of the coast



FACE MOUNTED



Corner clamps for the glass cantilever must be connected to the building, unless the cantilever is not more than 100 mm from the end post.

TOP MOUNTED

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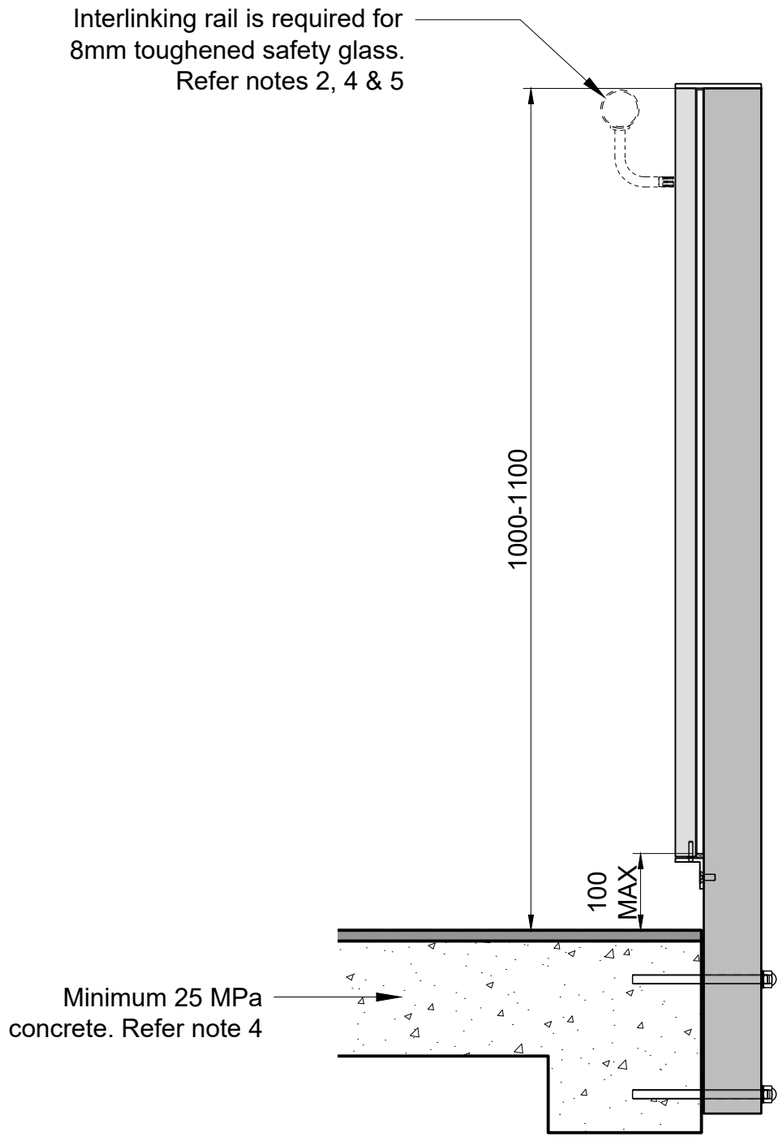
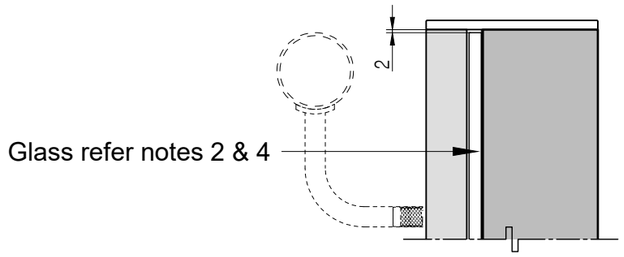
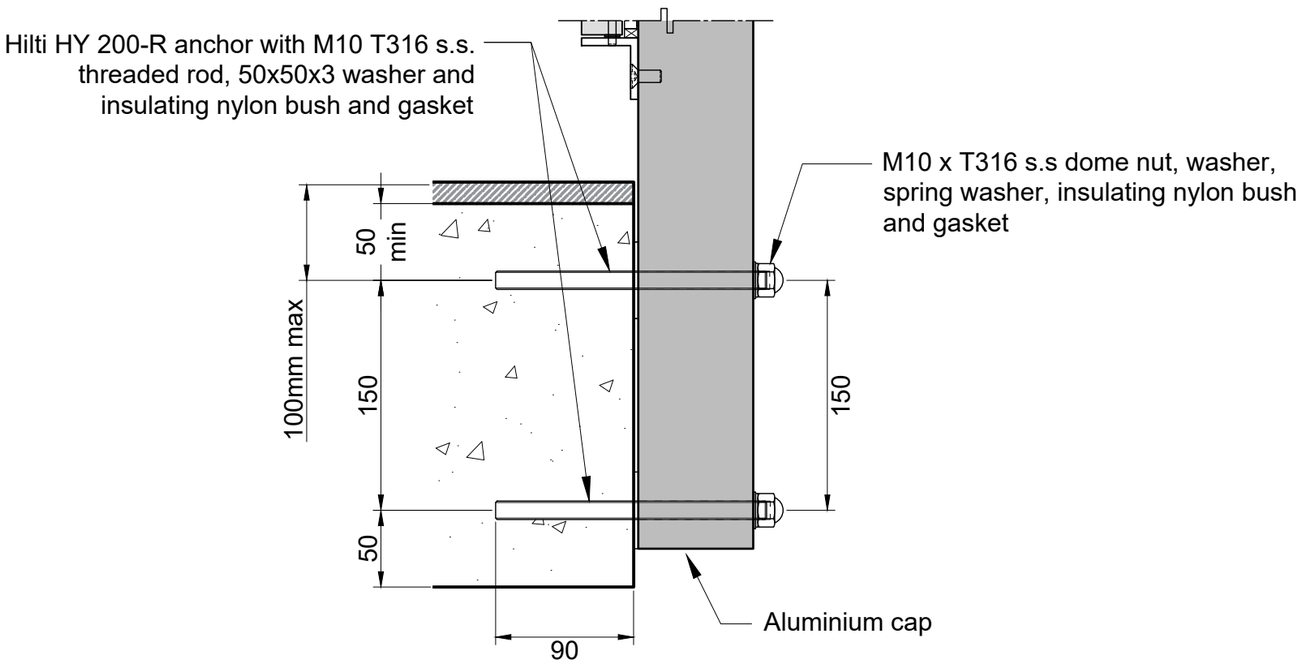
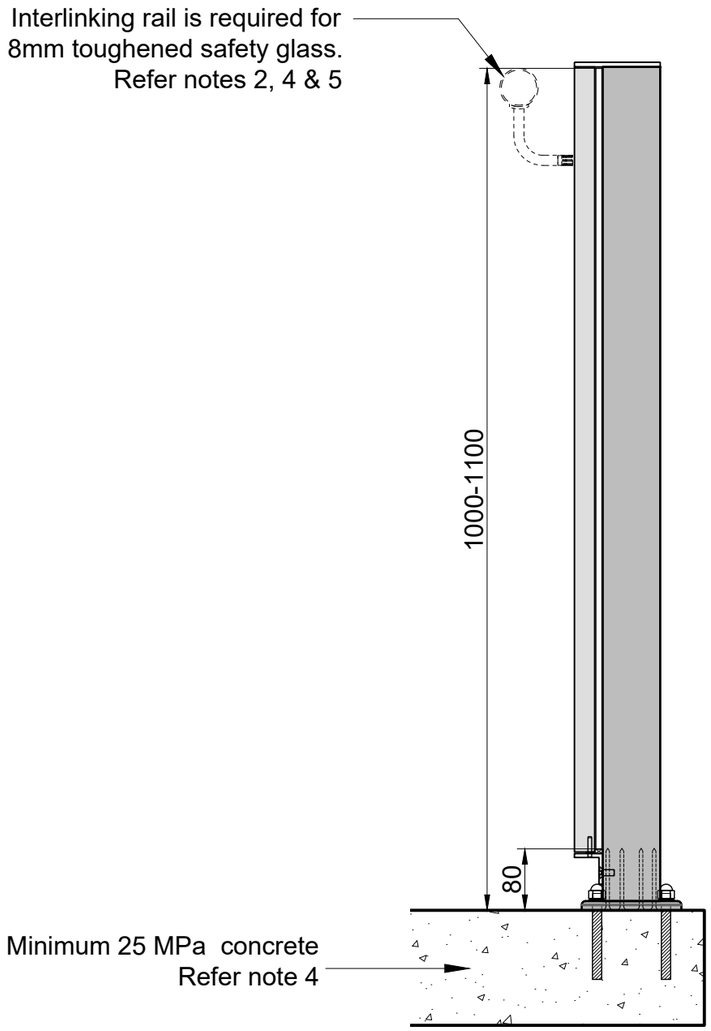


ERPFC post

Maximum spacing 1200mm

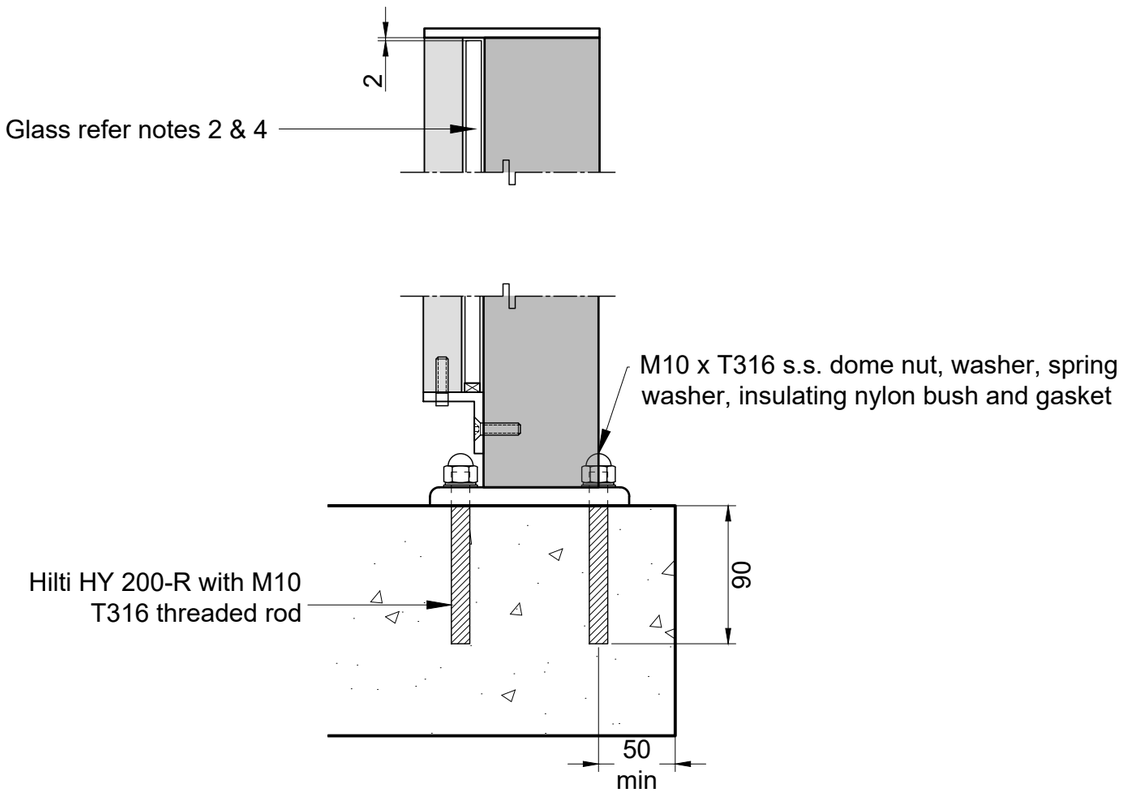


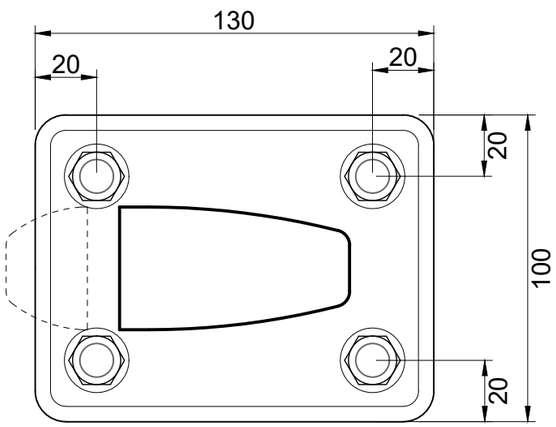




ERPTC post

Maximum
spacing 1200mm





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euroglass
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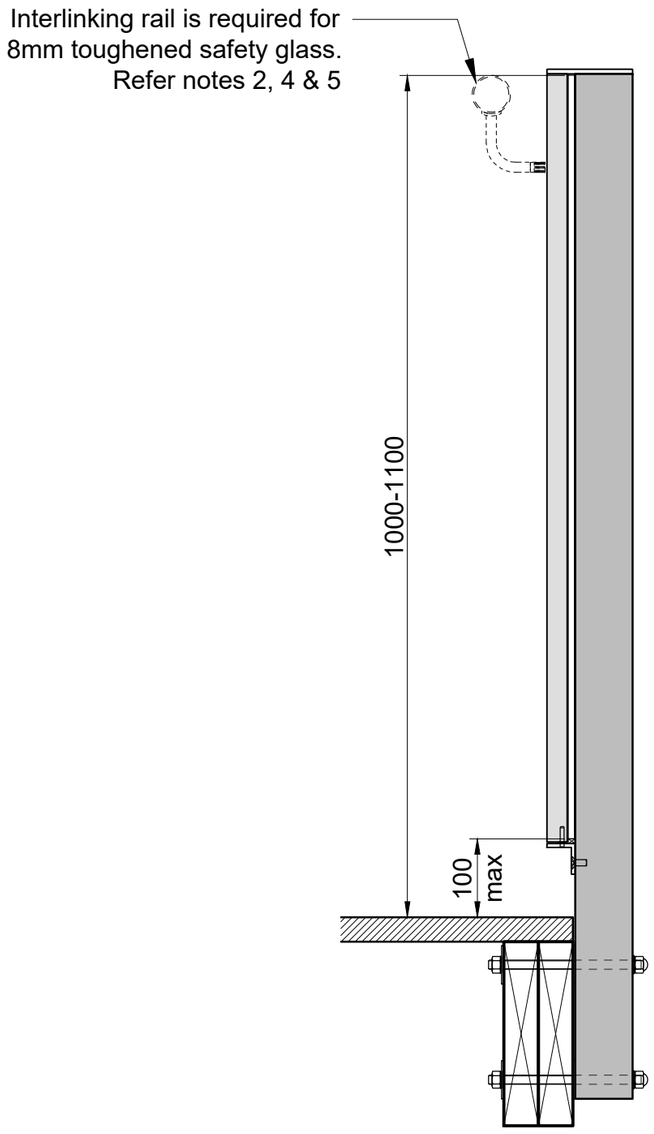
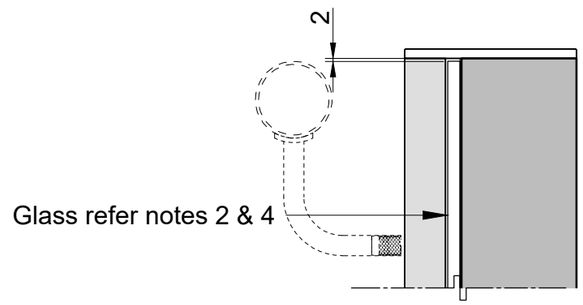
MILANO BALUSTRADE FIXING DETAILS

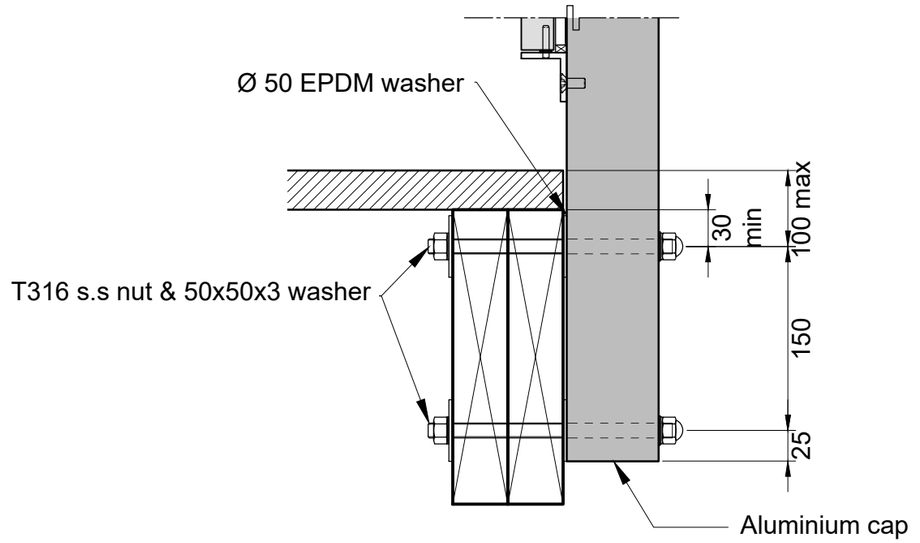
date 19/09/18
scale

drawing no MER-10

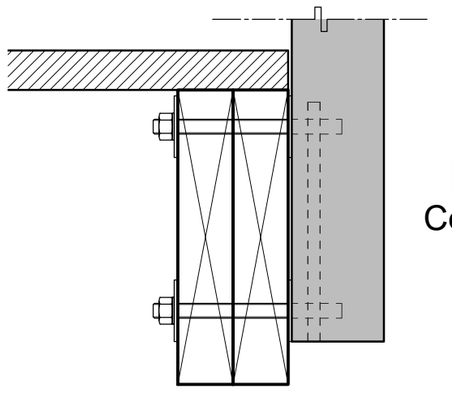


ERPFBT post
Maximum spacing
1200mm





FIXING DETAIL A



ERPHBT post
Concealed fixings

FIXING DETAIL B

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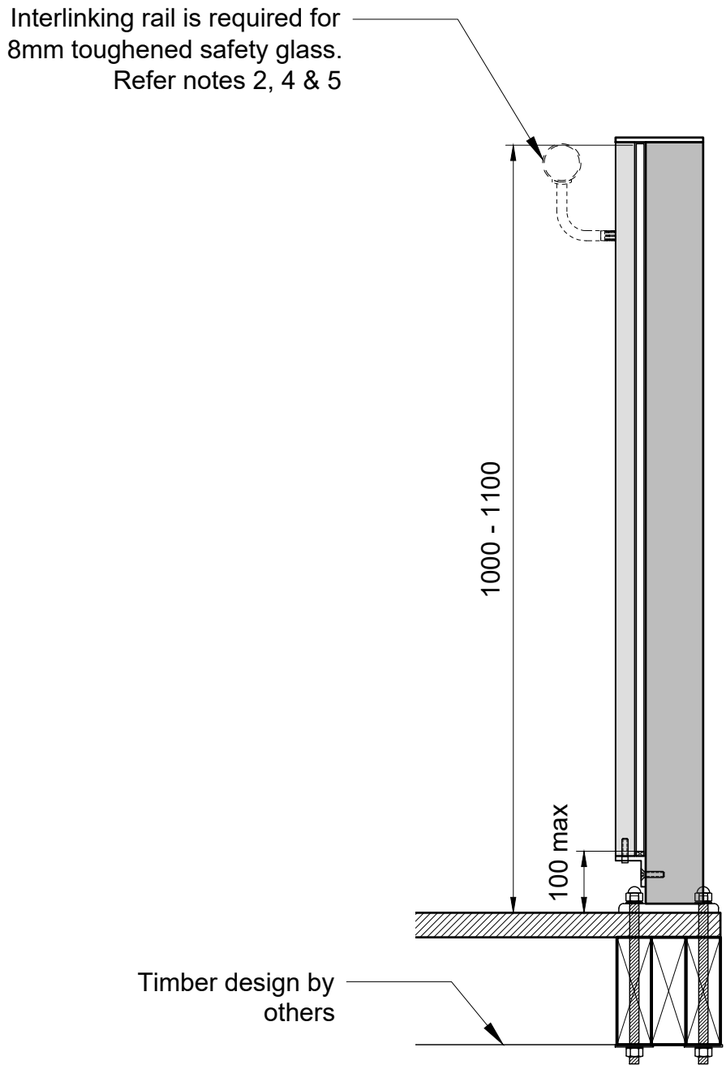
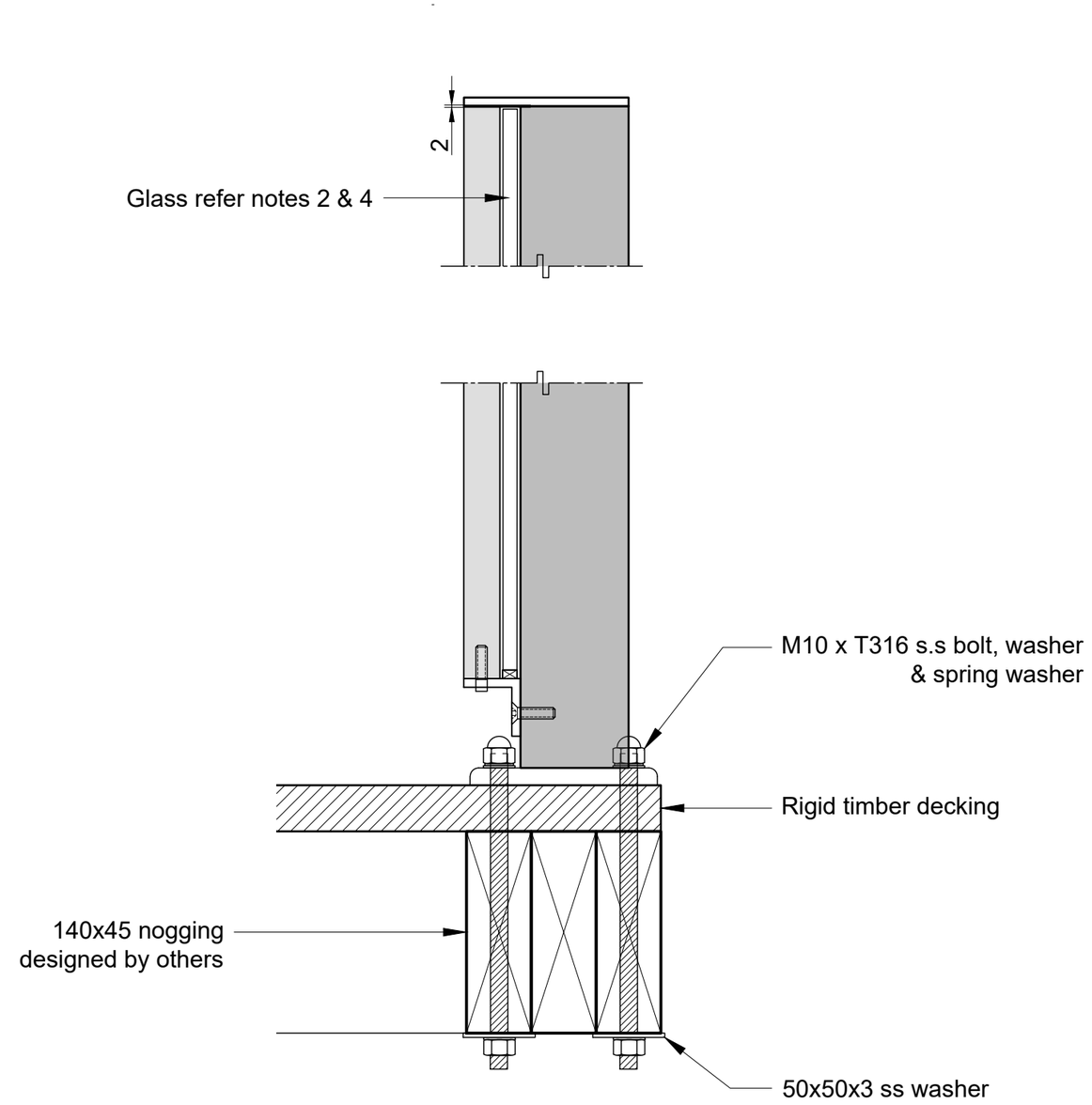
MILANO BALUSTRADE FIXING DETAILS

date 19/09/18
scale

drawing no MER-11



ERPTT post
Maximum spacing
1200mm



FIXING DETAIL

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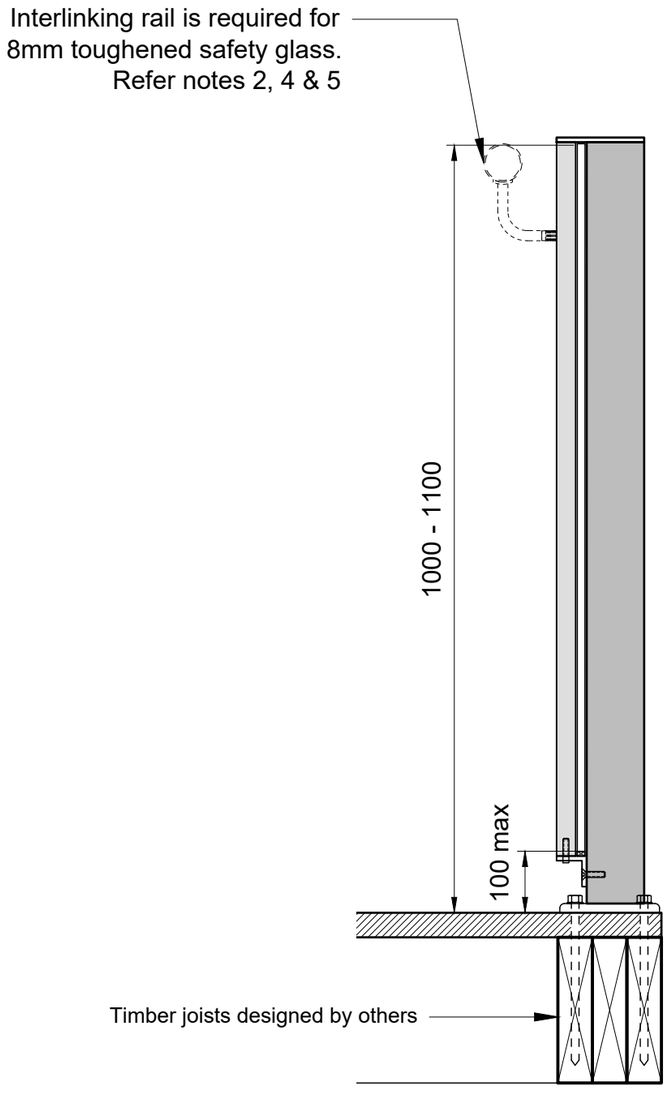
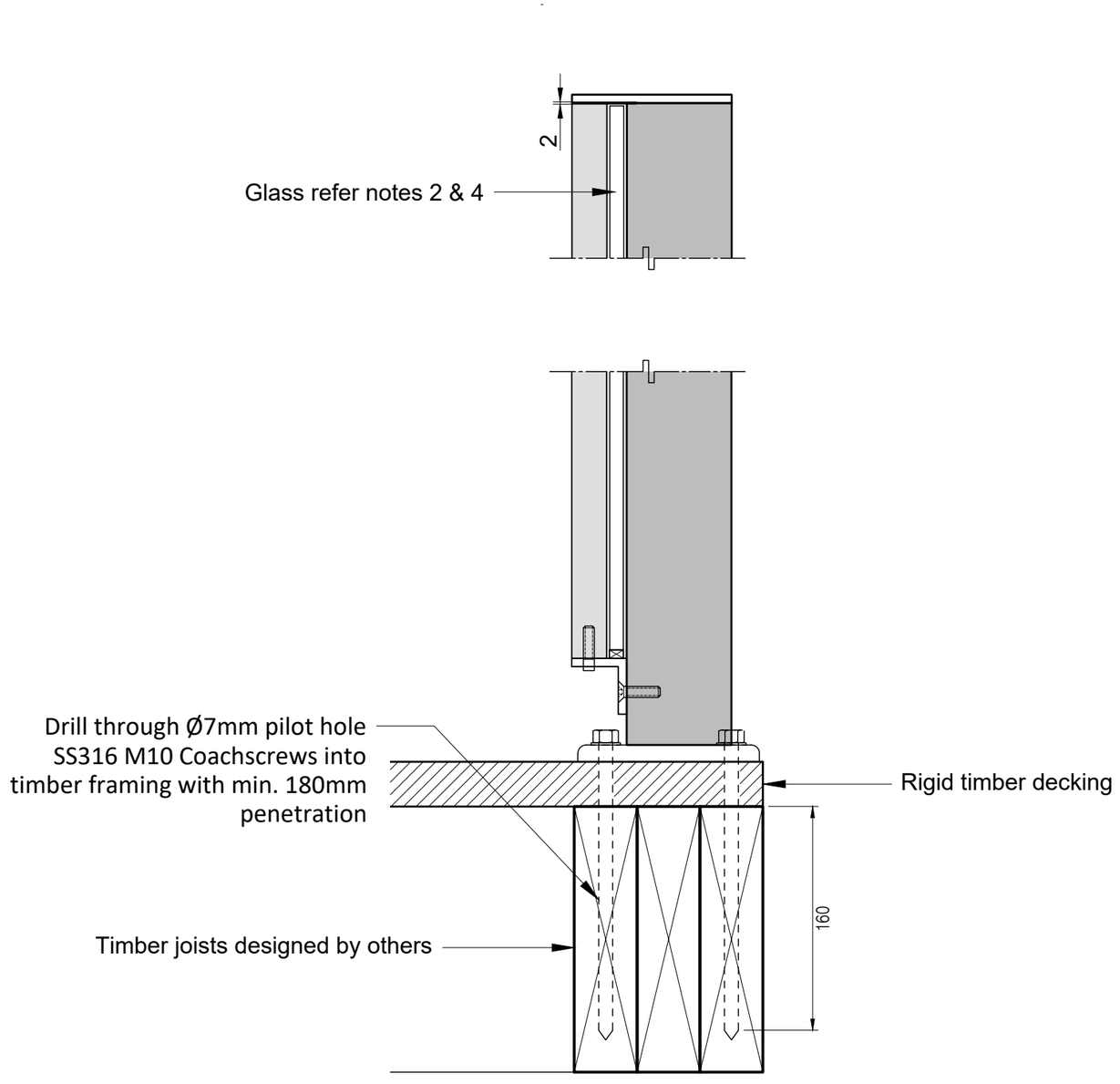
MILANO BALUSTRADE FIXING DETAILS

date 19/09/18
scale
drawing no MER-12



ERPTT post

Maximum spacing
1200mm



FIXING DETAIL

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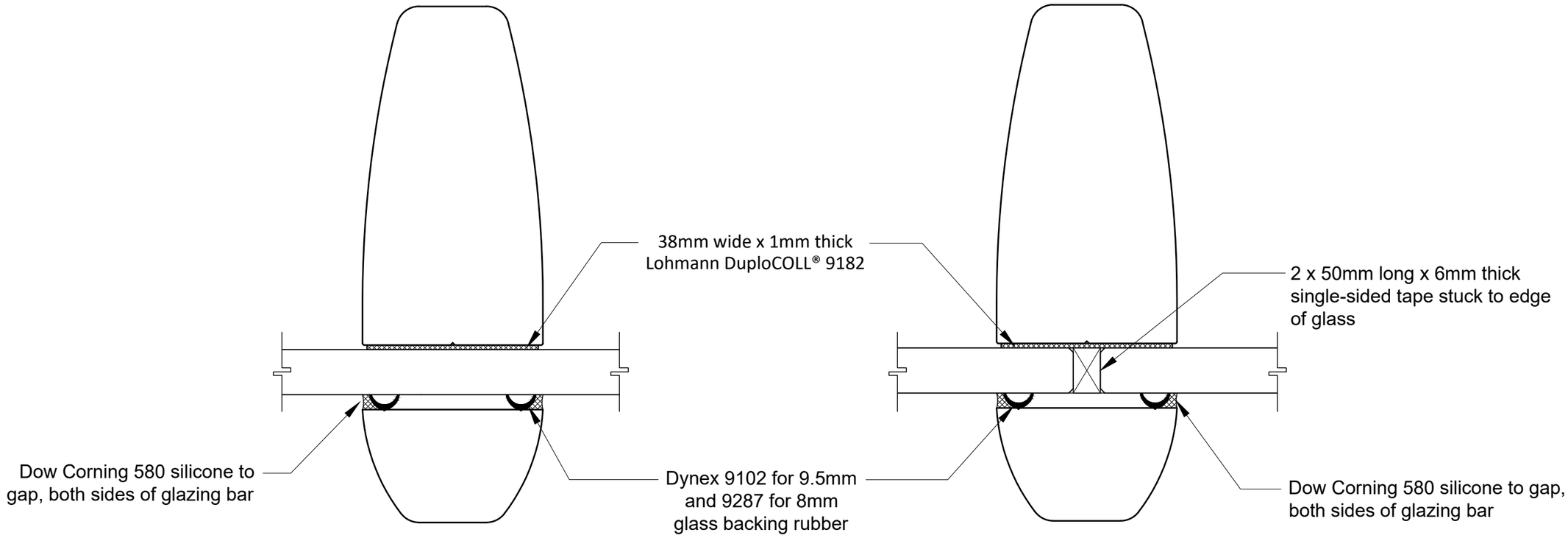
MILANO BALUSTRADE FIXING DETAILS

date 19/09/18

scale

drawing no MER-13



NO GLASS JOINT

GLASS JOINT

GLAZING DETAILS