NOTES:

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

-all products meeting the required performance specification
-site installation carried out in accordance with intent of this drawing

2. The maximum heights of glass above anchors for residential occupancy C3 of Table 3.3 AS/NZS 1170.1 are provided in Table below.

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

   a.   15mm toughened glass with interlinking rail
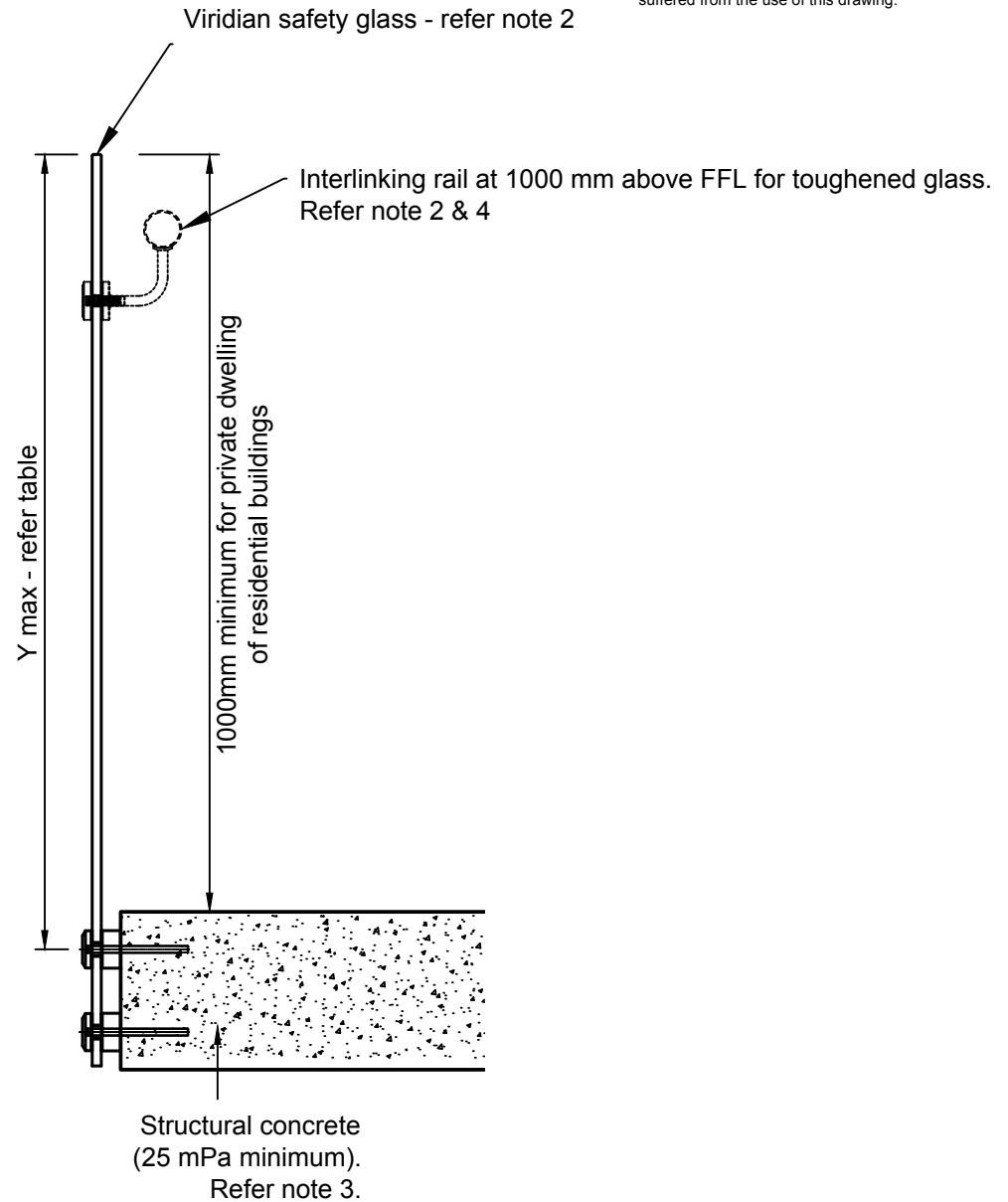   b.   17.52mm toughened SentryGlas laminated glass with gap clamps

Interlinking rail or gap clamps must be connected to each glass pane or to the building.

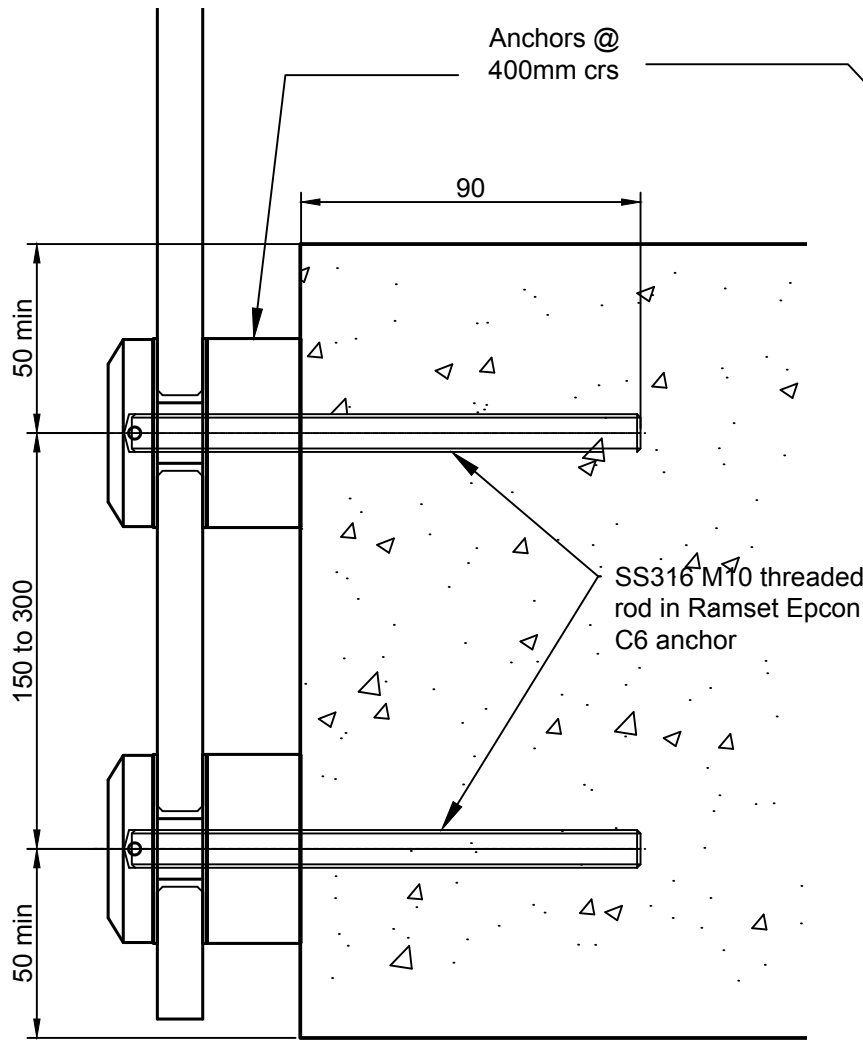3. The design of concrete, timber or steel support is the responsibility of others.

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

5. Maximum distance from side edge of glass to fixings - 200mm for occupancy C3.
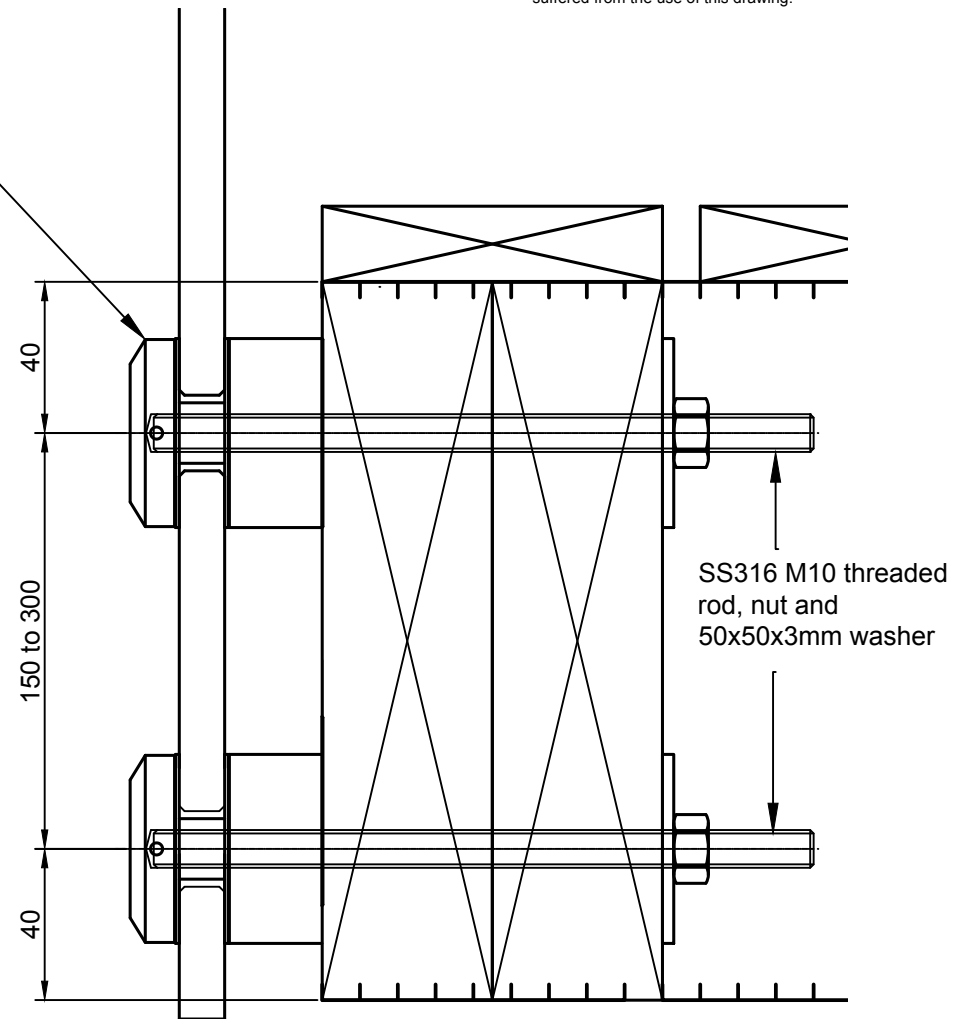
Wind Zone and Maximum Height of Glass Above Euroanchors	
Wind zone	Y max
High and below	1300
Very high	1250
Extra high	1150

Viridian safety glass - refer note 2

Interlinking rail at 1000 mm above FFL for toughened glass. Refer note 2 & 4

Y max - refer table

1000mm minimum for private dwelling of residential buildings

Structural concrete (25 mPa minimum). Refer note 3.

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EUROANCHOR RESIDENTIAL BALUSTRADE SYSTEM WITH 15MM TOUGHENED SAFETY GLASS

date   10-2-17

drawing no   ER-9j

scale   1:10, 1:4

Anchors @
400mm crs

90

50 min

150 to 300

50 min

SS316 M10 threaded
rod in Ramset Epcon
C6 anchor

DETAIL A - CONCRETE

40

150 to 300

40

SS316 M10 threaded
rod, nut and
50x50x3mm washer

DETAIL B - SG 8 TIMBER

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EUROANCHOR BALUSTRADE FIXING DETAILS

date
6-9-16

drawing no
ER-2b

scale
1:10, 1:4

DETAIL A - STEEL - EXTERNAL

Anchors @ 400mm crs

25 min

150 - 300

110 to 300

EPDM washer & nylon insulating bush in hole

SS316 nut welded by others

25 min
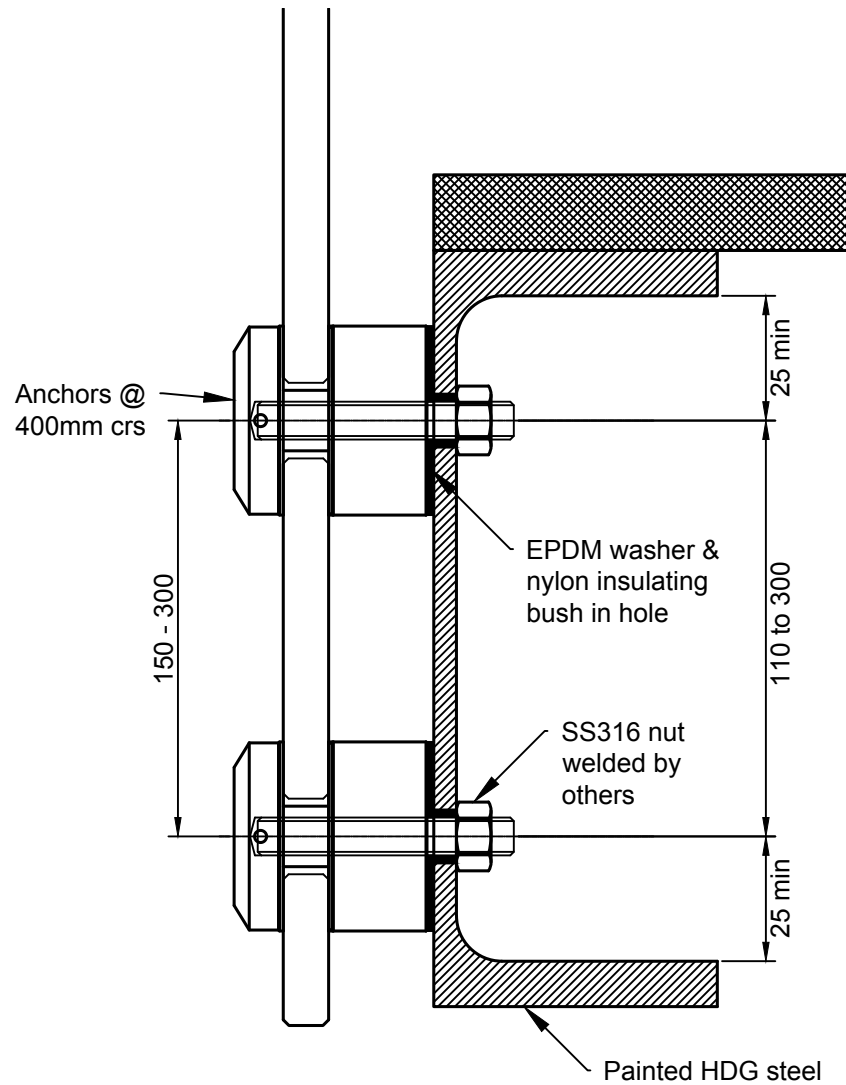
Painted HDG steel

DETAIL B - STEEL - INTERNAL

Anchors @ 400mm crs

150 to 300

EPDM washer

10 min

M10 tapped hole by others

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EUROANCHOR BALUSTRADE FIXING DETAILS

date
6-9-16

scale
1:10, 1:4

drawing no
ER-5c