NOTES:
1. This balustrade system complies with New Zealand Building Code Clauses B1 Structure, B1/AS1 Amendment 15, 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
   - minimum balustrade height of 1000mm from finished floor level

2. Based on residential occupancy A, A(other) or C3 of Table 3.3 AS/NZS 1170.1 and very high wind zone or less (1.76 kPa), maximum height and Pradis clamp spacings are:
   - Maximum height 1100mm
   - Pradis clamps @ 800mm crs for steel, concrete and bolt through with timber
   - Pradis clamps @ 300mm crs for timber with lagscrew

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


5. Viridian glass options according to 22.4.3 of NZS 4223.3:2016 are:
   a. 12mm toughened safety glass with interlinking rail
   b. 13.52mm toughened SentryGlas laminated safety glass with gap clamps.

6. Interlinking rail and gap clamps must be connected to each glass pane or the building.
   - Gap clamps shall be fixed on top of the glass panel.

7. Maximum distance from side edge of glass to Pradis - 200mm.

IMPORTANT
These drawings are provided as a general guide and may be amended without prior notice. Please contact Euroglass for specific design.
PRADIS RESIDENTIAL BALUSTRADE SYSTEM

A division of Viridian Glass Ltd Partnership

PRADIS RESIDENTIAL BALUSTRADE SYSTEM

Euroglass Satin Anodized Pradis Clamp @ 800 crs

SS316 M12 threaded rod in Ramset Epcon C6 anchor or Hilti HY 200-R

Minimum 25 MPA concrete

EPDM gasket and sealant around holes if required

Solid packing if required

Euroglass Satin Anodized Pradis Clamp @ 800 crs

Fixing Detail A
CONCRETE

50x50x3mm S.S washer

M12, S.S 316 threaded rod

EPDM gasket and sealant around holes if required

Solid packing if required

Fixing Detail B
BOLT THROUGH SG8 TIMBER

Notch or trim overhang to allow cover to slide down. An aluminium angle may be fitted over the edge if required.
PRADIS RESIDENTIAL BALUSTRADE SYSTEM

FIXING DETAIL A
FOR INTERNAL INSTALLATION ONLY

Euroglass Satin
Anodized Pradis Clamp
@ 800 crs

Steel structure
by others

Minimum 12mm thick steel

SS316 M12
threaded rod.
All holes drilled
and tapped M12
by others.

Solid packing if required

Flooring

FIXING DETAIL B

Euroglass Satin
Anodized Pradis Clamp
@ 800 crs

Steel structure
by others

M12 S.S 316 threaded rod,
Hole and S.S nut
welded by others

Minimum 12mm thick steel

Solid packing if required

Flooring

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16-10-14

1:2.5

PRADIS RESIDENTIAL BALUSTRADE SYSTEM

PRA-3
PRADIS RESIDENTIAL BALUSTRADE SYSTEM

FIXING DETAIL A
WET EXPOSED SG8 TIMBER

- Euroglass Satin Anodized
- Pradis Clamp @ 300 crs
- Solid packing if required

MINIMUM PENETRATION: 135

SS 316, M12 lagscrews at 300mm crs maximum. Drill through Ø8 pilot hole.

EPDM gasket and sealant around holes if required.

Notch or trim overhang to allow cover to slide down. An aluminium angle may be fitted over the edge if required.

FIXING DETAIL B
DRY CONCEALED SG8 TIMBER

- Euroglass Satin Anodized
- Pradis Clamp @ 300 crs
- Solid packing if required

MINIMUM PENETRATION: 90

SS 316, M12 lagscrews at 300mm crs maximum. Drill through Ø8 pilot hole.

Solid packing if required

Notch or trim overhang to allow cover to slide down. An aluminium angle may be fitted over the edge if required.

EPDM gasket and sealant around holes if required.