NOTES:

1. This proprietary balustrade system complies with New Zealand Building Code Clause B1 Structure, B1/AS1 Amendment 15, B1/VM1, 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 the intent of this drawing

2. Based on barrier loads from AS/NZS 1170.1 and extra high wind zone (2.13 kPa) or less, maximum height H above floor level and safety glass options are:

   **For commercial occupancies B, E & C3 of Table 3.3 AS/NZS 1170.1**

   Maximum height H 1100mm

   Safety glass options according to 22.4.3 and Table 14 of NZS 4223.3:2016 are:
   
   a. Viridian 12mm toughened glass with interlinking rail at 1100mm above FFL
   b. Viridian 13.2 mm EVA toughened laminated glass with interlinking gap clamps, and a maximum glass pane width of 2000mm
   c. Viridian 13.52mm toughened SentryGlas laminated glass with minimum pane width of 1000mm

   Maximum height H 1300mm

   Safety glass options according to 22.4.3 and Table 14 of NZS 4223.3:2016 are:

   a. Viridian 15mm toughened glass with interlinking rail at 1100mm above FFL
   b. Viridian 17.2mm EVA toughened laminated glass with interlinking gap clamps and maximum glass pane width of 2000mm
   c. Viridian 17.52mm SentryGlas toughened laminated glass with minimum pane width of 1000mm

   - Interlinking rail or gap clamps must be connected to each glass pane, structural post, or building element as required by NZS 4223.3:2016
   - Gap clamps shall be fixed on top of the glass panel.

3. Concrete and steel design is the responsibility of others.

4. A handrail of 32-50mm diameter is required for stairs and ramps exceeding 1:20 slope. Fit handrail between 900mm and 1000mm above the pitchline. Refer NZBC D1/AS1.

5. The distance between the base fixing and the end of the channel or a joint must not exceed 200mm.

**DO NOT INSTALL THIS BALUSTRADE SYSTEM OVER WATERPROOFING MEMBRANE**
Anzio channel

Anzio clamps @400 mm crs

SS316 M10 threaded rod in Ramset Epcon C6 or Hilti HY-200-R anchor @ 400 mm crs

Minimum fcc 30 concrete.
Refer note 3 on drawing 1044-01-01

FIXING DETAIL A - CONCRETE
Anzio channel

Anzio clamps @400 crs

M10 S.S 316 threaded rod @ 400 mm crs

Nylon washer and bush in hole

FIXING DETAIL A

Anzio channel

Anzio clamps @400 crs

SS316 M10 threaded rod @ 400 mm crs.
All holes drilled and tapped M10 by others.

FIXING DETAIL B
FOR INTERNAL INSTALLATION ONLY