NOTES:

1. This proprietary pool barrier system complies with New Zealand Building Code Clause B1 Structure and B1/VM1, F2 Hazardous Building Materials and F9/AS1 -all products meeting the required performance specification -site installation carried out in accordance with the intent of this drawing

2. Safety glass options and maximum heights for wind zones are:
   - 12mm toughened safety glass or 13.2 mm toughened laminated safety glass
   - Medium wind zone and below: 1300 mm
   - High wind zone: 1250 mm
   - Very high wind zone: 1200 mm
   - 15mm toughened glass or 17.2 mm toughened laminated safety glass
   - Medium wind zone and below: 1450 mm
   - High wind zone: 1350 mm
   - Extra high wind zone: 1200 mm.
   - Pool barrier or wind break > 1200mm high should have gap clamps to connect the glass panes.

3. To make allowance for the consequences of failure required by B1.3.4 of the Building Code, toughened laminated safety glass should be used.

4. Concrete, steel and timber design is the responsibility of others.

5. Minimum width of glass pane to be 1000mm unless connected by interlinking rail or gap clamps.

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

7. Do not use this design if the pool barrier safeguards a fall of 1 m or more.

8. Do not install over flashings or waterproofing membrane as this may result in excessive movement of the fence, and risk of moisture penetration into the building.
Anzio clamps @400 mm crs

Anzio channel

Anzio clamps @400 mm crs

Anzio channel

Hard decking material

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

SS 316, M10 lagscrews @ 200mm crs maximum with min. 130mm penetration. Drill Ø7 pilot hole at 150mm deep.

Minimum fcc 30 concrete. Refer note 3 on drawing no APF-1

Minimum fcc 30 concrete. Refer note 3 on drawing no APF-1

FIXING DETAIL A CONCRETE

FIXING DETAIL B WET EXPOSED SG8 TIMBER

ANZIO FLOOR MOUNTED FIXING DETAILS

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ANZIO FLOOR MOUNTED FIXING DETAILS

FIXING DETAIL A - STEEL

- Anzio clamps @400 crs
- Anzio channel
- Nylon washer and bush in hole
- M10 S.S 316 threaded rod @ 400 mm crs