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

2. Based on 330 N point load from NZS 8500:2006, maximum heights of glass above Lugano clamp for high wind zone or less are:
   - Wind zones:
     - Medium 1300 mm
     - High 1250 mm

3. Viridian safety glass options are:
   a. 12mm toughened glass
   b. 13.5mm toughened laminated glass with interlinking corner brackets
   c. 13.52mm toughened SentryGlas laminated glass

   Glass panes must be at least 1000 mm wide unless connected by interlinking rail or gap clamps.

   To make due allowance for the consequences of failure required by clause B1.3.4 of Building Code B1, glass options b and c should be used.

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

5. Do not use this design if the pool barrier protects a fall of 1 metre or more. Contact Euroglass for specific design.

LUGANO POOL FENCE / WIND BREAK
SS316 M10 threaded rod in Ramset Epcon C6 or Hilti HY 200-Ranchor @ 600mm crs

40x40x3 s.s. front washers

40x40x3 ss back washers
SS316 M10 lagscrews at 300mm crs maximum. Drill through Ø7 pilot hole.

40x40x3 front washers

minimum wood thread penetration
Hole and s.s. nut welded by others at 600mm crs max, or nut with s.s. & EPDM washer

S.s. and EPDM washers

Nylon bush in hole

Steel structure by others
LUGANO CHANNEL FIXING DETAIL

Viridian 13.2MM or 13.52mm toughened laminated safety glass

Back cover for 13.2 mm or 13.52mm thick glass

V60 or DC580 Silicone seal

905258 Red plastic wedge

OPTION 1

Tight fitting glazing gasket or red plastic wedge (refer to option 1 and 2)

Black wedge

2 x 100 x 6mm neoprene setting blocks per panel

OPTION 2

9010250S PPL 5.0mm lo-rise PVC wedge with white stripe

9052508 Red plastic wedge