

**PA 3.2.2 DESCRIPTION OF THE FENCE SYSTEM****A. Post:**

- Post shall be 3.8m long Taper Locking Post.
- Post width shall be 85mm - tapering to 45mm with a depth of 85mm.
- Post shall include 'Locking Recess Mechanism' to secure panel edge.
- Post shall be sealed with a UV stabilized polymer cap.
- Post finish shall be Galvanized and sealed with an impermeable coating that fuses to the substrate to ensure a perfect bond. Standard colour of coating: Green RAL 6005.
- Post foundation shall be 600mm deep and 400mm x 400mm width 20 MPa concrete.

**B. Panel**

- Panel shall be of 3,297m width and 2.4m in height.
- Panel aperture size (centres) shall be 76.2mm x 12.7mm.
- Coated Wire diameter will be 3.5mm.
- The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidity).
- Panel shall have 2 x 70° flanges along sides (internal fixtures- all fixtures shall be on the inside of fence line).
- Panel shall have 1 x 90° flange along top and 1 x 30° flange along toe (integrated rigid angle).
- Panel post shall have a flush panel post finish with no climbing aid.
- Panel shall be affixed to post over 48 line-wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts.
- Panel and fixtures shall be galvanized and sealed with an impermeable coating that fuses to the substrate to ensure a perfect bond. Standard colour of coating: Green RAL 6005.

**C. Additions**

- A 100mm high toughened steel Shark Tooth spike shall be affixed to panel edge, internally at 150mm intervals using Anti-vandal bolts. Spike finish shall be hot dipped galvanized and sealed with an impermeable coating that fuses to the substrate to ensure a perfect bond. Standard colour of coating: Green RAL 6005.
- A 730mm high Barbed Tape Coil shall be fixed to post as anti-scale topping.

**D. Anti-Burrow**

- The anti-burrow panel shall be a mesh panel extension of 3,297m width and 0.6m in height.
- Panel aperture size (centres) shall be 76.2mm x 12.7mm.
- The anti-burrow panel shall be secured to the panel's lower edge integrated angle.
- The anti-burrow panel shall be fitted as part of the foundation of the posts and buried in the ground.

**PA 3.2.3 GATES****PA 3.2.3.1 HOT DIPPED GALVANIZED ANTI-CLIMB DOUBLE SWING GATE (DRIVEWAY GATE)**

All material as indicated on the drawing shall be of hot dipped galvanized mild steel. Tubing dimensions for the frame and hinge post shall be 76x76x3mm thick square tubing. Panels and