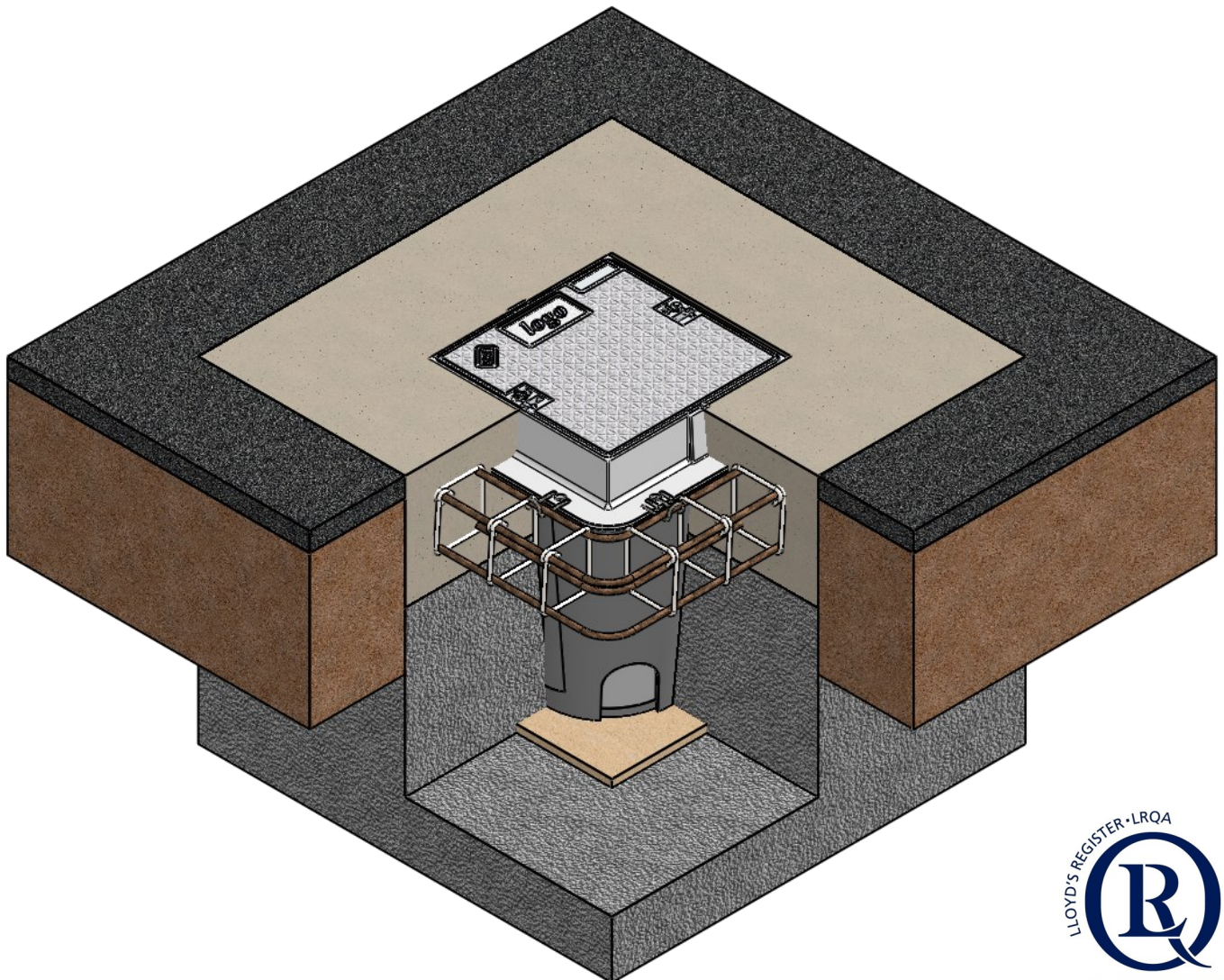




Aluminium V-Loc Access Cover Set

GUIDELINES for ROADWAY TUDS INSTALLATION

Standards: V-Loc Access Cover Set Complies with AS 3996 Class D Loading



Roadway Installation

1. Place the TUDS into the prepared pit and make level on compacted hard fill to accommodate the TUDS base at the required height so that the cover set frame sits flush with the finished ground level. Sika Roadway cover sets can be set at any angle to the traffic direction.

Compacted bedding of nominal depth 150 mm is to be used.

2. **Backfill:**

Roadway excavation material must be removed from the site. Backfill with mechanically compacted layers of hard fill (GAP 40). *Ref Fig 1*

3. **Concrete Collar:**

Use minimum concrete strength 25 MPa at 28 Days complete with Sika Reinforcing Steel Kit Set. The minimum concrete support collar is 300 x 300 mm.

The cover set cannot comply with the 210 kN loading required by AS:3996 Standards without the correct concrete support. The distribution of concrete under the load bearing face of the frame must be complete (no voids). Use a portable concrete vibrator.

Fit the cover into the frame and lock it into place with the QT Latch before pouring the concrete surrounds to avoid any possible frame distortion during the curing cycle.

Set the cover set frame flush with the road surface.

Colour and broom finish the concrete collar if required.

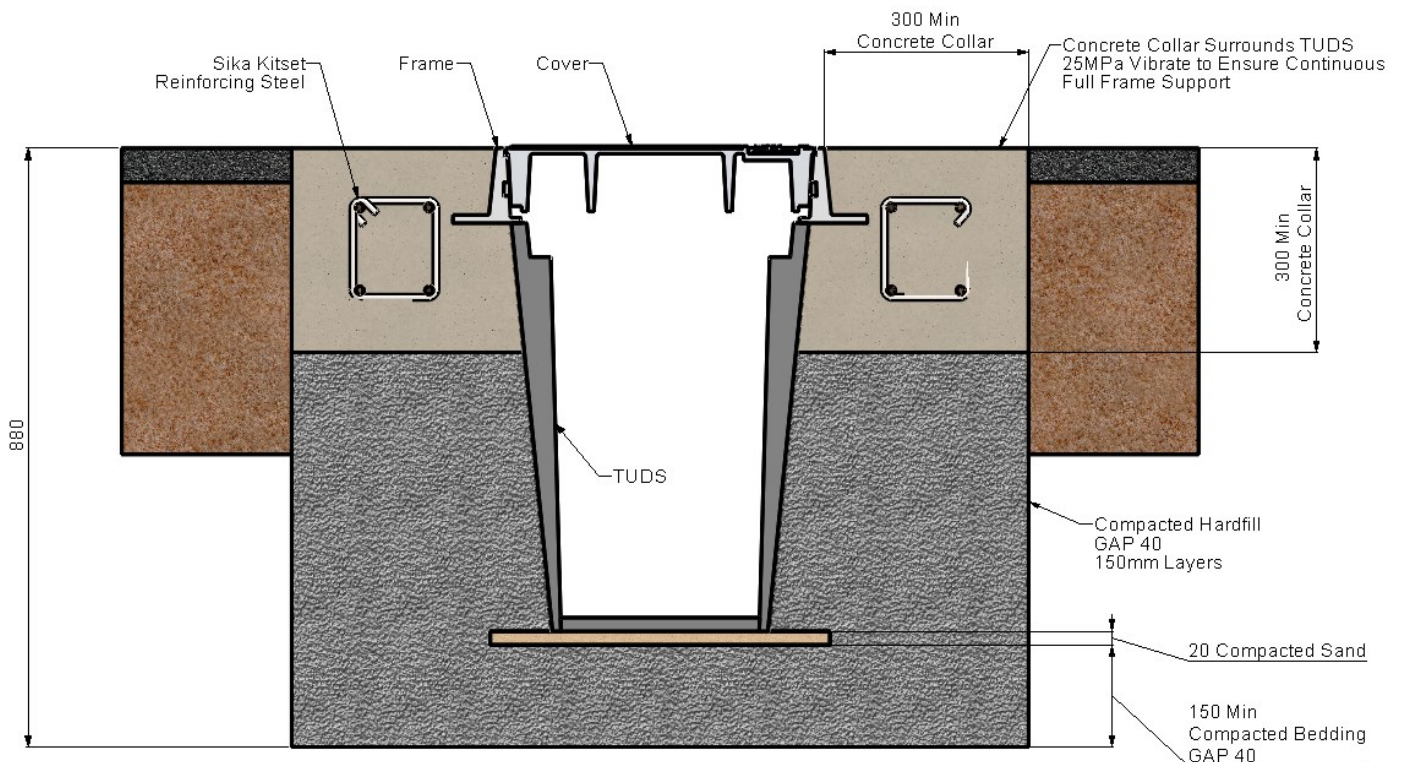


Fig 1

4. Lower cover into the frame using 2- Sika lifters (refer to Accessories).
5. Secure the cover to the frame by rotating the 2- **QT latch** bolts clockwise until tight to 70 Nm of torque. Note that these are not removable bolts. *Ref Fig 2*

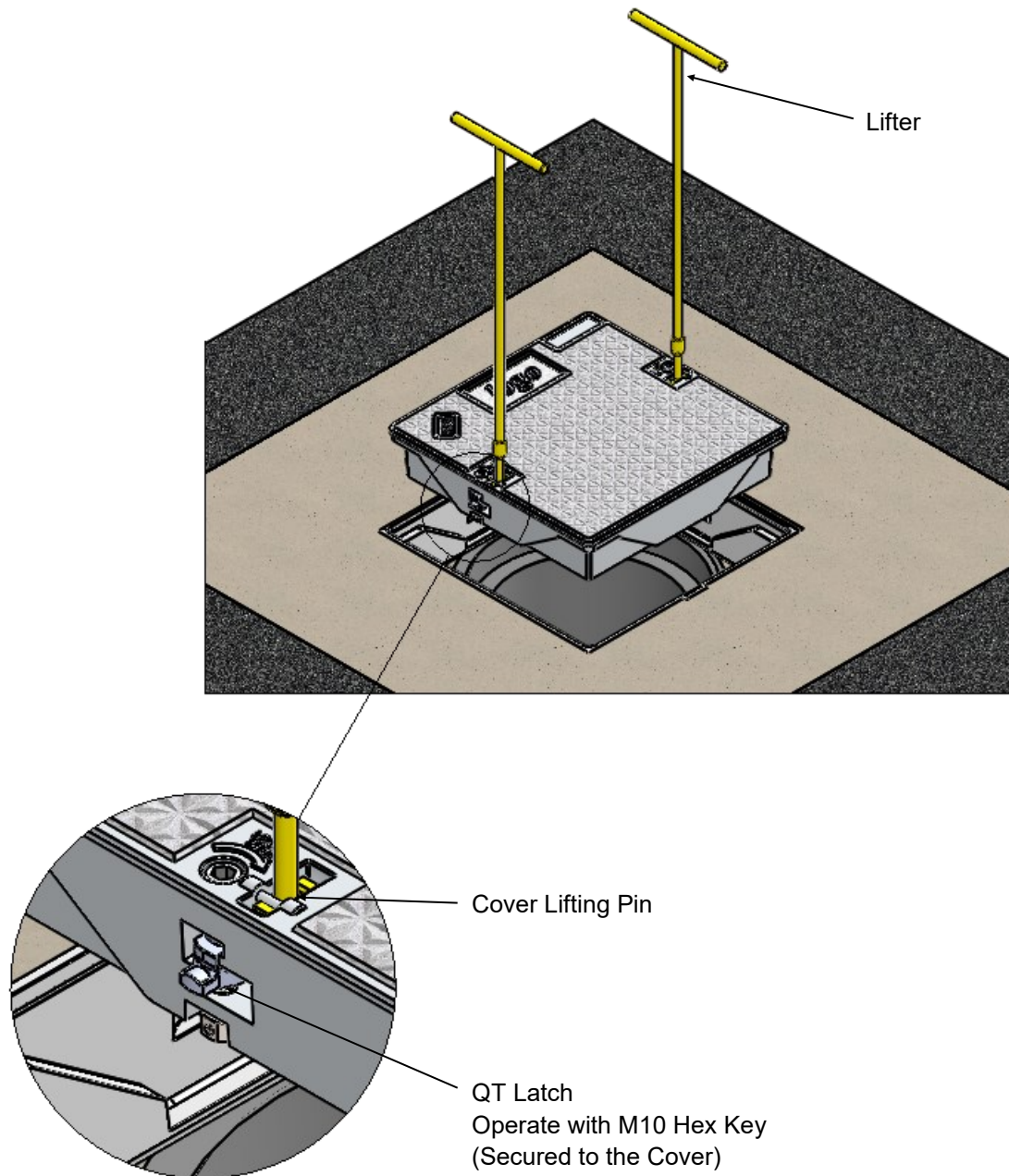


Fig 2