While noise, dust and other inconveniences are inevitable during construction, LTA will work closely with the contractor to keep them to a minimum.

03. Excavation & Installation of Steel Strut

The soil is excavated to the next strut level and the second level strut is installed. This process continues until the final depth or formation level.

04. Construction of Underground Structure

At formation level, the reinforced concrete slab or base slab is constructed, followed by the removal of the lowest level strut and the side walls are constructed.

05. Construction of Underground Structure

After the roof slab is completed, the soil is excavated to the next level and the second level strut is installed. This process continues until the required depth is reached.

06. Backfilling & Reinstatement

The soil is excavated to the next level and the second level strut is installed. This process continues until the required depth is reached.

The underground retaining wall is installed before excavation commences. The retaining wall can be a concrete diaphragm wall, a concrete bored pile wall or a steel sheet pile wall depending on the site condition, soil type and the excavation depth.

Ground is then backfilled and reinstated.