

Cased CFA PILES

Cased CFA Piles are a deep foundation pile created by drilling a hollow-stem auger into the ground through a steel casing. Sand-cement grout or concrete is then pumped into the hole as the auger and casing are retracted simultaneously making them ideal for non-cohesive or water bearing soils.

Cased CFA Piles can be installed quickly and inexpensively without significant vibration or excessive noise being produced. They are ideally suited for most soil types. Avopiling's high powered Cased CFA equipment is fitted with a double rotary head to screw casings and drill at the same time, with our own design of drilling auger head that is capable of drilling into rock layers to form rock sockets.

They are ideal for use as both foundation piles and for embedded retaining walls such as contiguous and secant piled walls.

Advantages

- Spoil contained during concreting
- Low noise and vibration
- Works well in non-cohesive soils
- Cost-effective
- Minimal site preparation
- Suitable for tension loads
- Can be installed successfully into most ground conditions
- Ideal for foundation and piled earth retaining systems

Specifications

- Pile diameters range from 750mm to 880 mm.
- Piling Lengths range to 18 m.
- Rig weights range to 120t.

