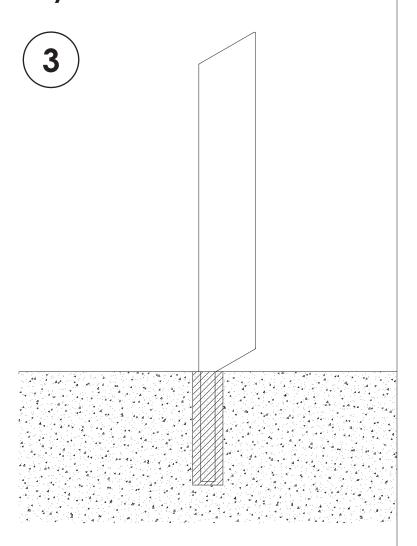


- Bore core-hole Ø80mm
- Core-hole depth to be minimum 300mm below FGL
- Ensure core-hole is bored vertically

Position bollard into core-hole



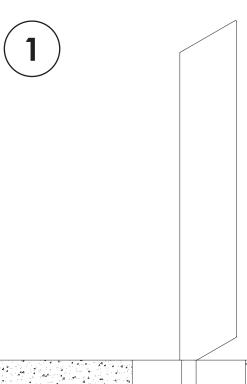


- Back fill core hole with grout taking care not to damage bollard surfaces
- Use a twisting action to help grout fill all spaces inside and around spigot
- Align bottom edge of body with FGL
- Use level to ensure bollard is installed vertically
- Use wooden shims or blocks to support bollard while grout sets
- Clean away any residue grout on bollard and installation surfaces

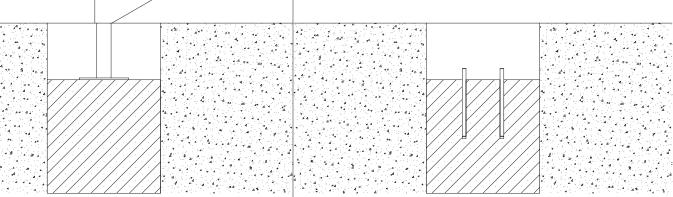
Note:

- All tools and installation fixings to be supplied by contractor
- Footing design to be determined by site engineer based on local conditions
- Mos recommends minimum pier footing 300mm x 300mm x 400mm

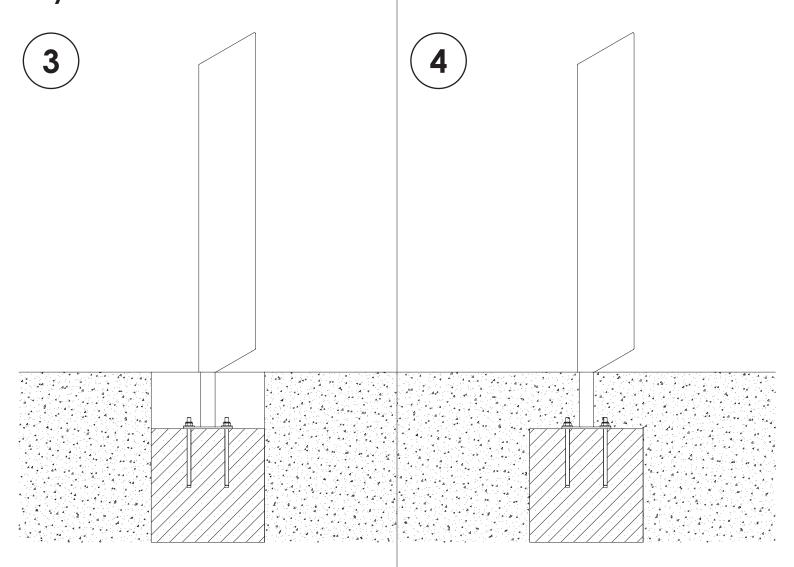








- Position bollard
- Mark 4x hole centres through mounting holes
- Use hammer drill with 10mm masonary bit to drill marked holes minimum depth 155mm
- Clear holes with wire brush or compressed air
- Fill holes with chemset epoxy
- Insert M10 x 180mm threaded anchor bolt into each hole. Ensure between 25mm and 30mm of each anchor bolt protrudes above mounting surface
- Allow chemset epoxy to set according to manufacturer's instructions



- Place bollard onto anchor bolts
- Ensure bottom edge of body aligns with FGL as shown
- Use level to ensure bollard is vertical
- Use shims or packing washers to align bollard correctly
- Thread 1x M10 washer and 1x M10 nylock nut onto each anchor bolt
- Use socket wrench to securely tighten M10 nylock nuts

Backfill or pave to FGL

Note:

- All tools and installation fixings to be supplied by contractor
- Footing to be set with mounting surface minimum
 155mm below FGL
- Footing design to be determined by site engineer based on local conditions
- Mos recommends minimum pier footing 300mm x 300mm x 400mm

