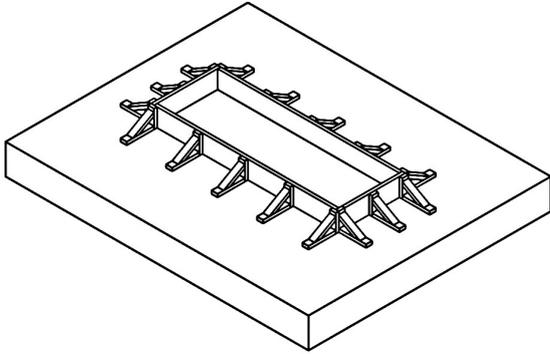
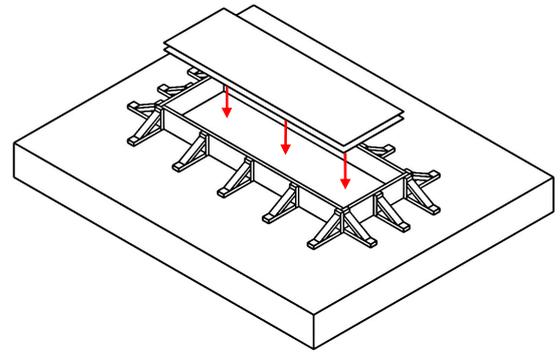


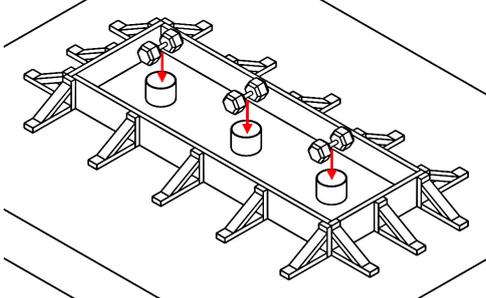
1. Build formwork for plinth on top of existing slab.



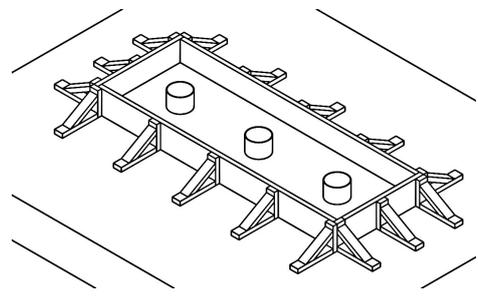
2. Lay DPM slip layers as specified in engineering documents.



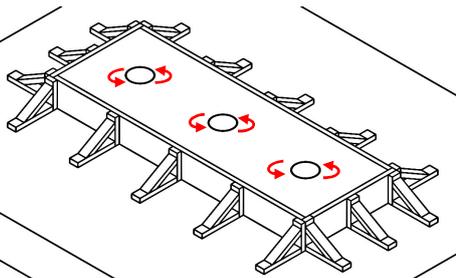
4. Weigh down void formers to prevent movement during concrete pour. Keep void formers remain dry until pour.



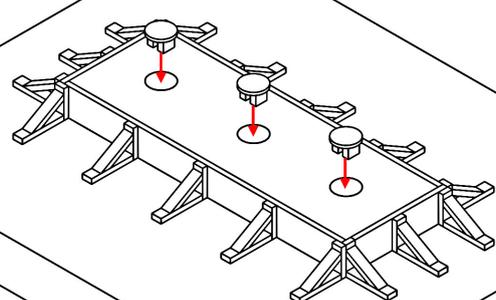
3. Place void formers into position at each FrontFoot® location. Spray the outsides with silicone/form-release.



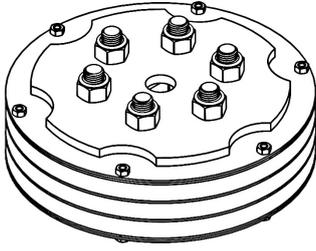
5. Pour concrete and when able to walk on the plinth, slightly rotate tubes to break any bond. Once cured, remove void formers.



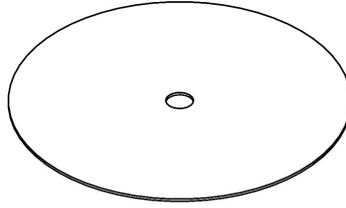
6. Cover/identify voids if required to minimise trip hazard until FrontFoot® can be installed.



Parts List



FrontFoot® devices



FrontFoot® Cover Plates



M20 x 260mm
HILTI Wedge Anchors



2x M16 Eye Nuts



Sikaflex® MS Bond



Sikadur®-32 Part A and B

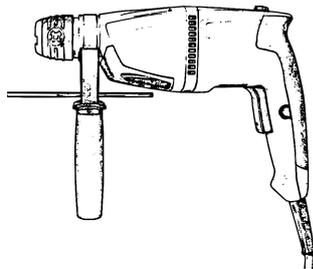


Sika MonoTop® 352 N

Tools List



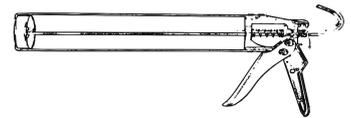
Appropriate PPE



Rotary hammer



20mm Masonry
Drill Bit



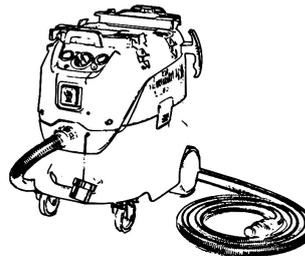
Caulking Gun



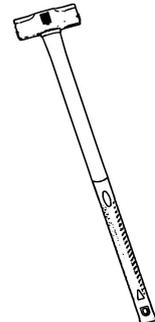
Impact Driver



30m Deep Socket

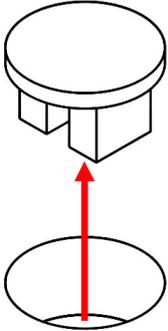


Dust Extractor

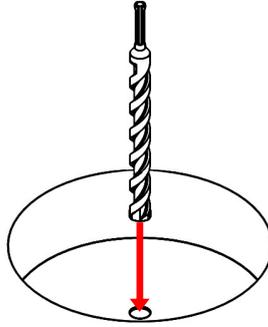


Sledgehammer

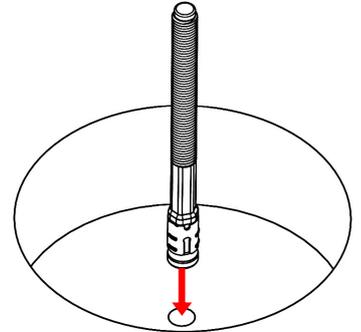
1. Remove temporary cover from the void and insert the Cover Plate as a drilling template. Equip the rotary hammer with a 20mm masonry drill bit.



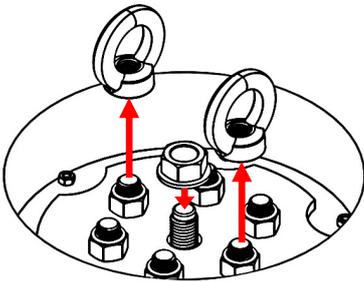
2. Drill into the center of the void to depth required by HILTI documentation. At 20mm depth remove the Cover Plate and continue drilling.



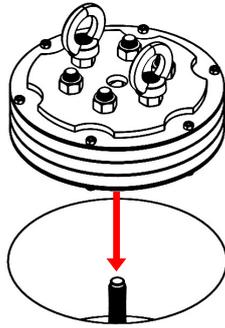
3. Remove concrete dust with the dust extractor. Use the sledgehammer to set the wedge anchor to 50mm embedment initially.



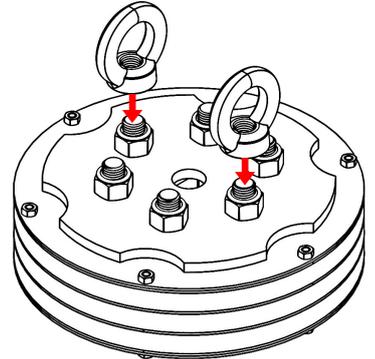
6. Remove eye nuts and screw on anchor nut + washer. Use the 30mm socket and impact driver to torque the anchor according to HILTI documentation.



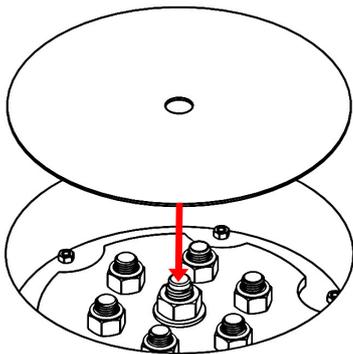
5. Lower the FrontFoot® into the void as shown, then hammer the wedge anchor remaining distance to target embedment.



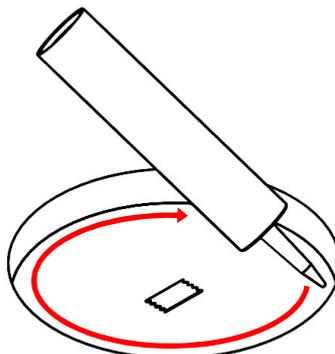
4. Screw M16 eye nuts onto opposing sides of the protruding bolts as shown. These act as hand holds for installation.



7. Set the cover plate on top of the device as shown. Then tape over the centre hole with duct tape.



8. Seal the Cover Plate in place with Sikaflex® MS Bond and then cover with Sikadur®-32.



9. Fill the rest of the void with Sika MonoTop®-352 N to the level of the concrete slab.

