

Excavate hole according to height of column to be supplied.

See below:

- Up to 10 metres – 1500 x 1500 x 750 deep
- Up to 12 metres – 1800 x 1800 x 750 deep
- Up to 15 metres – 2000 x 2000 x 1000 deep

Assemble root base as shown – See Figure 1.

Insert root base into hole ensuring that it is level and that the four studs protrude Approx 60–70mm above concrete foundation

Fit Suitable cable duct if routing via the interior of the pole.

Pour concrete ensuring that it is a mix of C35 to Table 6 BS 8110 and then tamp down well.

Fit the setting template over the protruding studs, double checking that they are level and that clear access can be gained to the cable duct if it is being used.

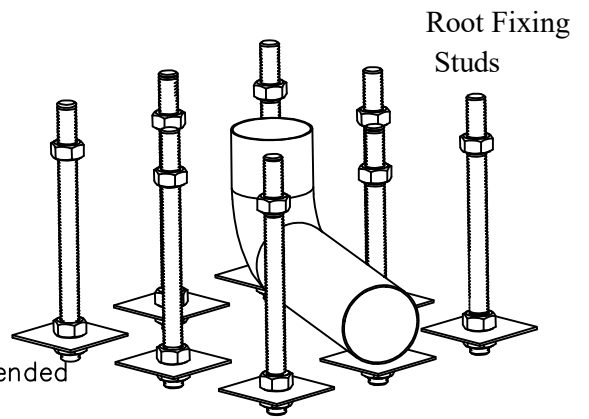
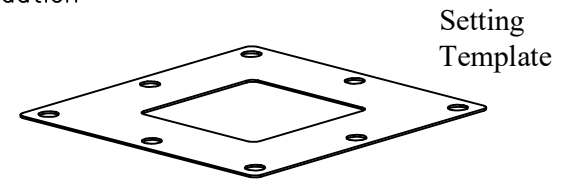
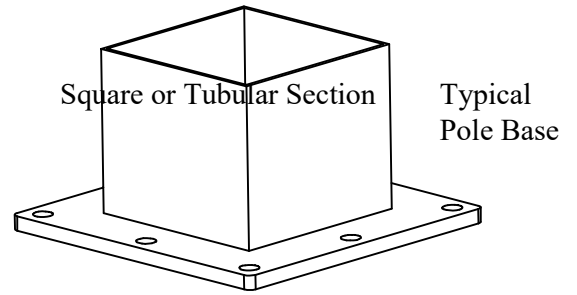
Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column.

When fitting the column ensure that the concrete base is in complete contact with the underside of column and grout accordingly if required.

When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this.

Important Note!

These concrete plinth designs are based upon an assumed safe bearing pressure of the supporting stratum of 50 KN/square metre.



Ensure cable duct is Positioned central to the base plate.

Secure template to studs using M24 Nut top & bottom

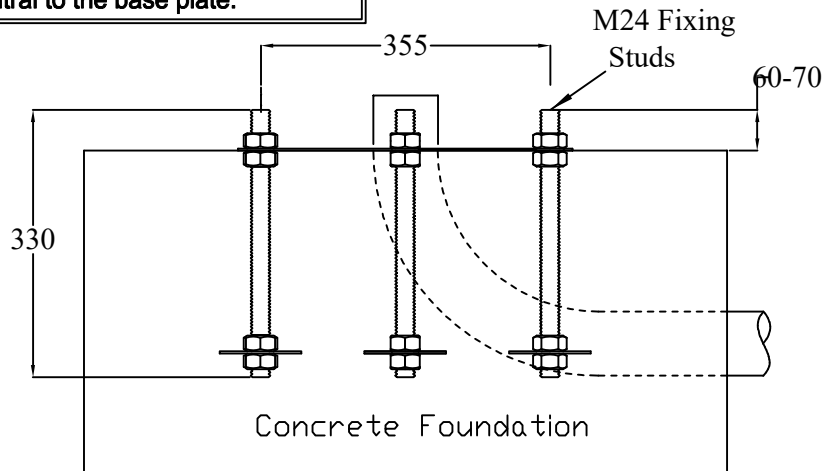
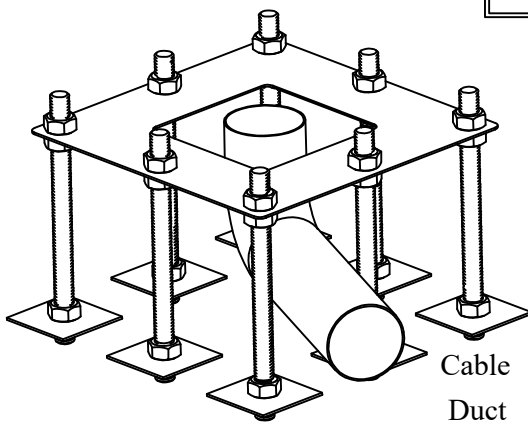


Figure 1.

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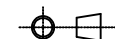
ITEM	Dims = mm	Quality Standard: BS EN 1090 / Execution Class: EXC1	Scale: Not to scale
DRN	JAK	CHKD	25.10.21
CUSTOMER:			



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ANGLE PROJECTION



TITLE: FM8H ROOT BASE FIXING

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