

Socket Installation

- 1 Determine foundation requirements using the tables on the Foundation Information document.
- 2 Excavate the hole.
- 3 Remove the dust cover and the stainless steel cover halves from the Atlas Socket.
- 4 Place the Atlas Socket in the hole with the “installation tube” lightly clamped in position. **Remove the clamp before inserting the installation tube.**
- 5 Check that the top of the socket is at the final surface level.

Note: Please make sure that the Atlas Socket is positioned correctly in relation to the kerb according to current regulations.



- 6 If a duct foot or swept bend is required so that ducting can be used for protecting the cable, fit the ducting at this stage.



Note: If the hole cannot be dug deep enough for a swept bend and a duct foot is used, it may be necessary to bring the cable through at this point. This will avoid any problems with trying to push the cable through later.

- 7 Check that the socket is vertical using a spirit level against the installation tube in two planes.

- 8 Surround the socket with concrete checking the verticality (in two planes) at all stages



Note: A ST4/C20 mix must be used for the foundation. This will provide a strength of 20 N/mm², ensuring that neither the socket nor the foundation are damaged or displaced following an impact.



- 9 Allow the concrete to cure
- 10 Finish the area around the Atlas Socket to match the surrounding pavement – tarmac, flags or block paving etc.

- 11 Remove the installation tube and replace the stainless steel cover halves and the dust cover if the pole installation is to be carried out later

Pole Installation

- 1 Brush away all dirt and debris from the dust cover.
- 2 Remove the dust cover and the stainless steel cover halves.
- 3 Remove the clamp.



4 Place the pole into the socket making sure that it is seated properly at the bottom. The sloping segments at the bottom of the socket will ensure that the pole is central

5 Replace the clamp and tighten it evenly onto the post by alternating between the two bolts. Tightening the bolts by hand using the 17mm spanner provided will be adequate.

6 Replace the two stainless steel cover halves and secure them in place with the screws.

7 If it is a temporary post installation, keep the dust cover so that it can be re-used.

