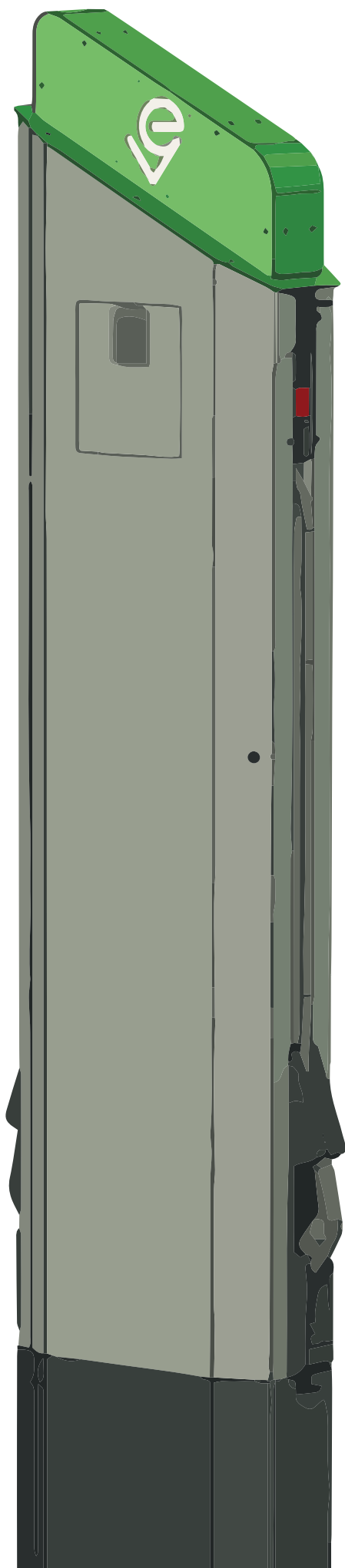




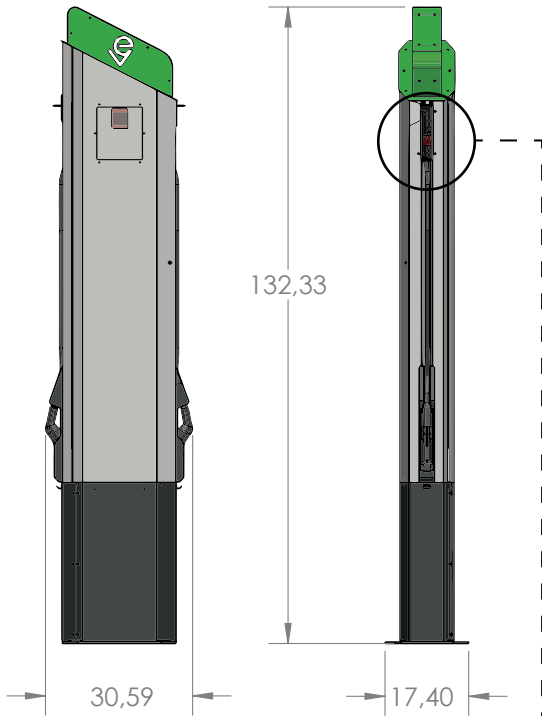
Installation Manual

Evera - ev63

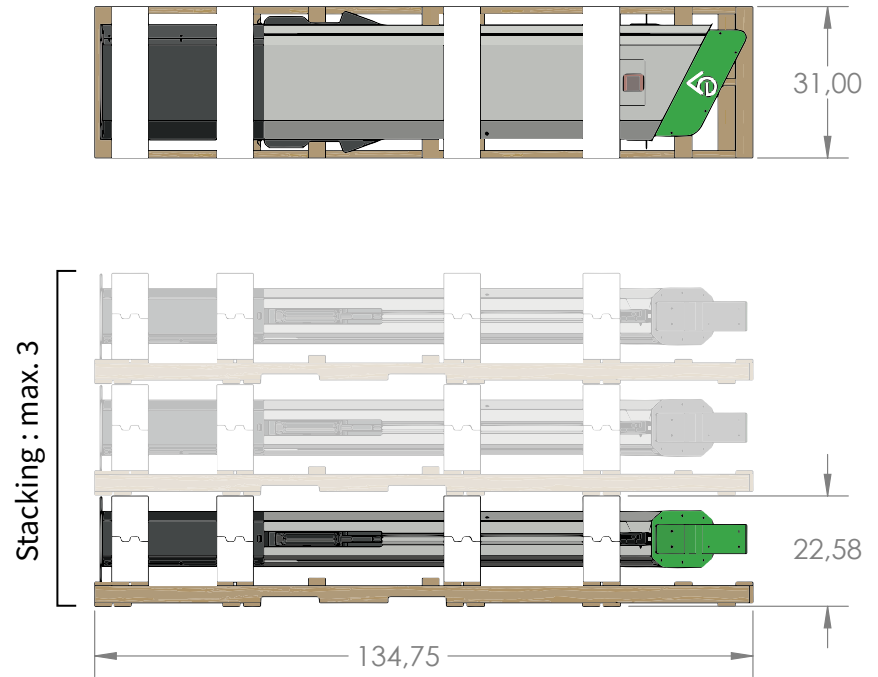
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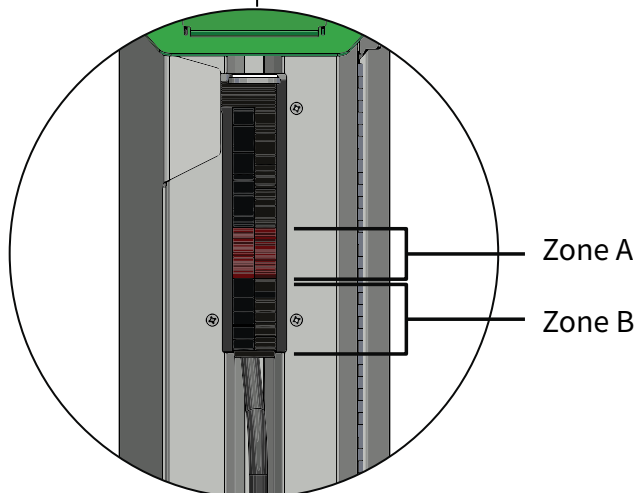
Evera structure dimensions



Packaging details



Approx. weight: 280 lbs (including packaging)



Cable retraction and tensioning system

This Evera structure is equipped with special brushes designed to slow cable retraction. This helps reduce tension on the cable during charging.

Once the cable has been pulled out to the desired length, simply route it through the red brushes (Zone A). The combination of the red brush tension and the proper adjustment of the moving carriage weights (pre-balanced at the factory) helps reduce tension on the cable while charging a vehicle.

At the end of the charging session, for easy cable retraction, simply pull the cable downward out of the brushes (Zone B) and guide the charging connector back into its holder.

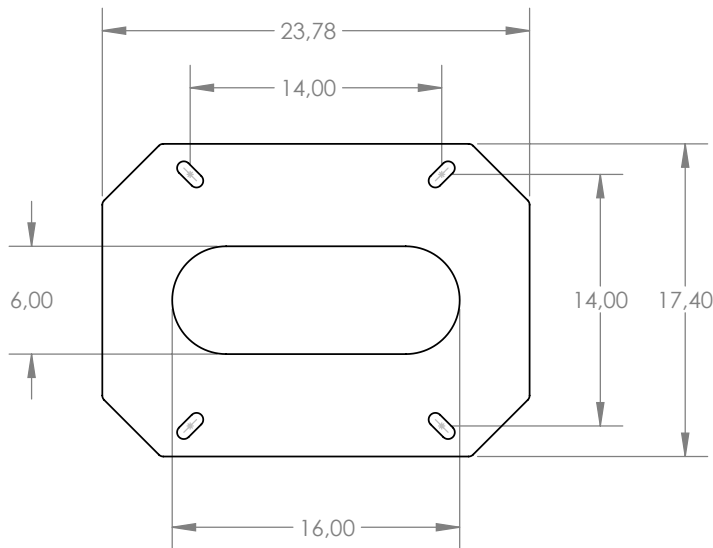
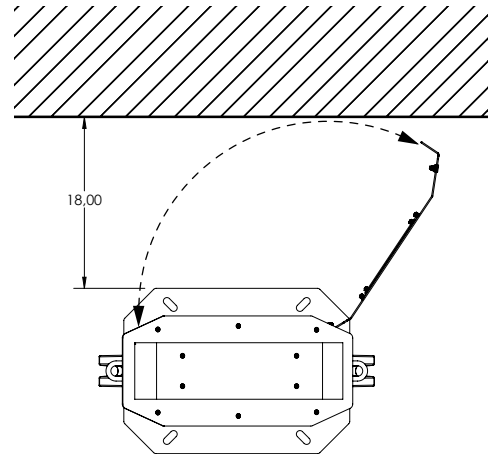


Fig. 1 - Evera base plate dimensions (in.)



Installation along a wall:

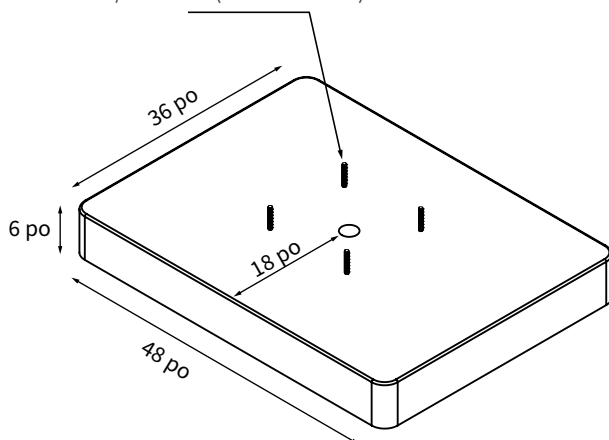
For this type of installation, we recommend positioning the anchors so that sufficient clearance is provided for opening the rear door. For partial opening of the rear door, a minimum distance of 7 in. must be provided between the wall and the edge of the base plate. For full opening of the door, a distance of 18 in. is required.

Although ideal, full opening of the rear door is not essential for normal operation of the station. However, it will make certain technical service procedures easier.

Suggested installation types:

A - On a concrete housekeeping pad (suggested dimensions)

Threaded rods or concrete anchors
Ø 5/8 x 2-4 in (above surface)



B- On a pile

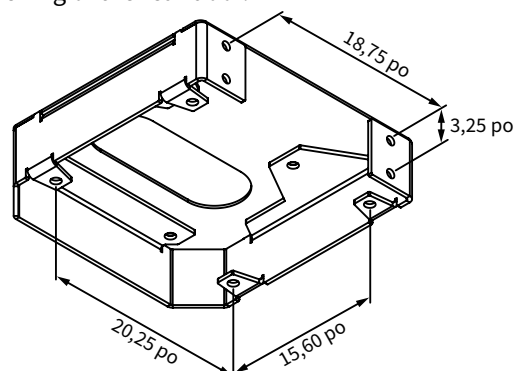
For more information about pile installation, contact a certified installer in your area. Use the drawing in Fig. 1 to design a pile cap suitable for the Evera base plate.

Bornes Québec can provide guidance and can also supply compatible caps for 3 ½ in. piles.

C- On a wall-mount base

The wall-mount base is designed for installation against a wall, but it can also be installed on the ground to provide greater flexibility during installation. Contact your representative for more information about installation using the wall-mount base.

Important: The wall-mount base provides 7 in. of clearance between the Evera base plate and the installation wall. Therefore, it only allows partial opening of the rear door.



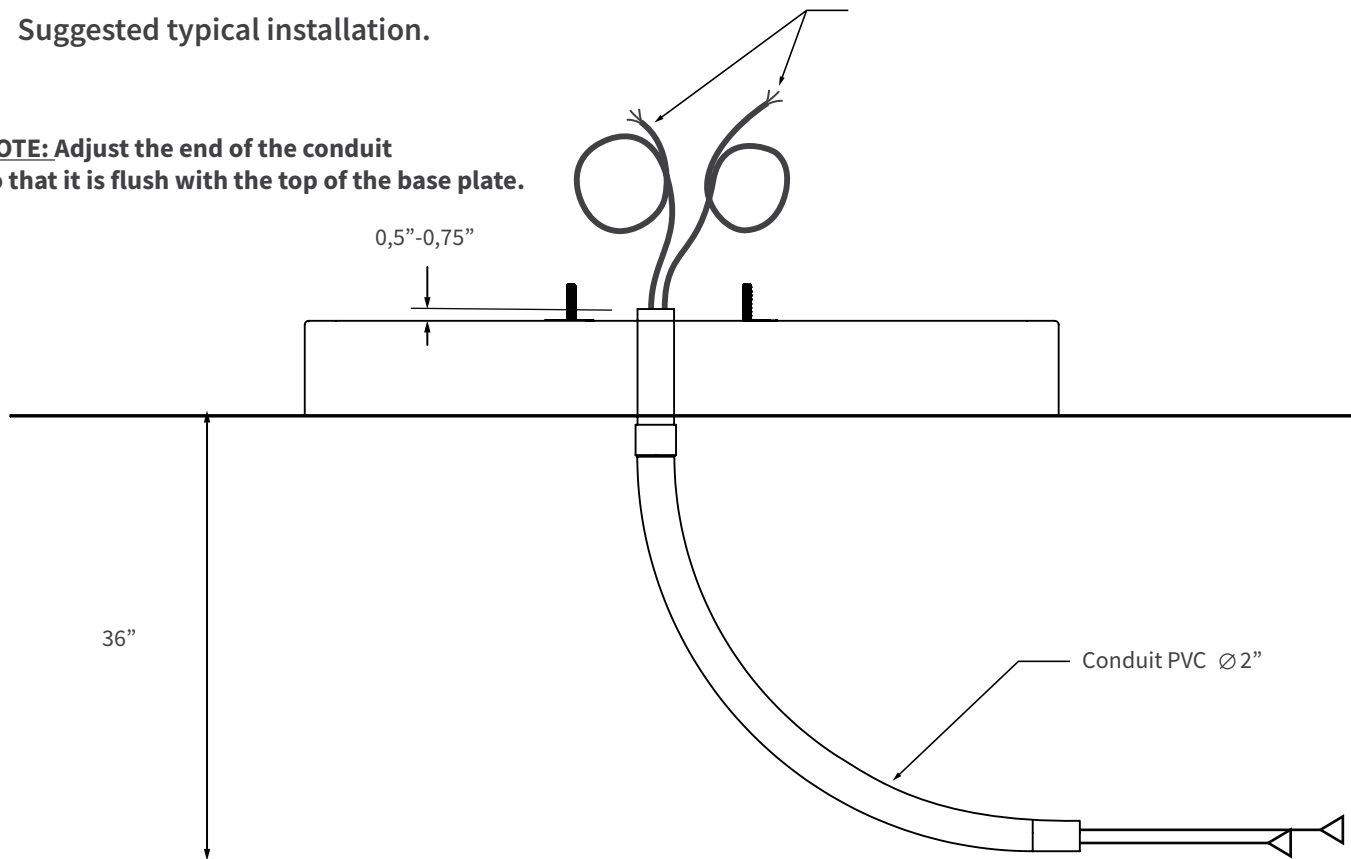
Provide 105 in. of free cable outside the conduit for connections to the enclosures* **.

* Standard installation: Requires two power feeds, each connected to a separated enclosure.

** Load-sharing installation: Requires one power feed connected to a 5 x 5 x 2 in. enclosure or equivalent.

Suggested typical installation.

NOTE: Adjust the end of the conduit so that it is flush with the top of the base plate.



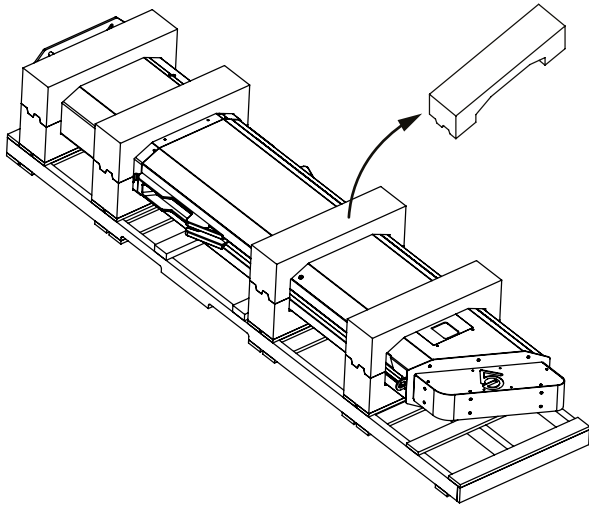
Required power supply to be determined by the installer.
Varies depending on the charging units installed in the Evera station.

IMPORTANT NOTES:

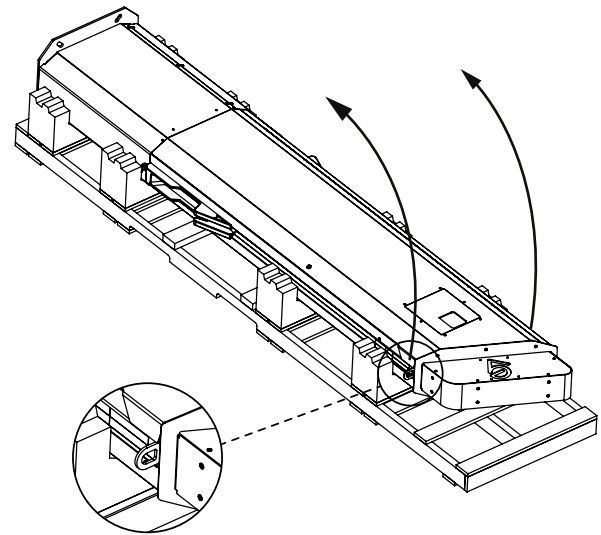
1 - All engineering and work required for the installation and grounding of the Evera are the sole responsibility of the customer. Evera Technologies, the designer, distributor and authorized manufacturer individually and jointly disclaim all responsibility related to the installation of the Evera.

2 - The Evera installation must be carried out in accordance with generally accepted civil engineering practices and all applicable health and safety requirements. The contractor performing the work must always comply with the electrical code currently in force.

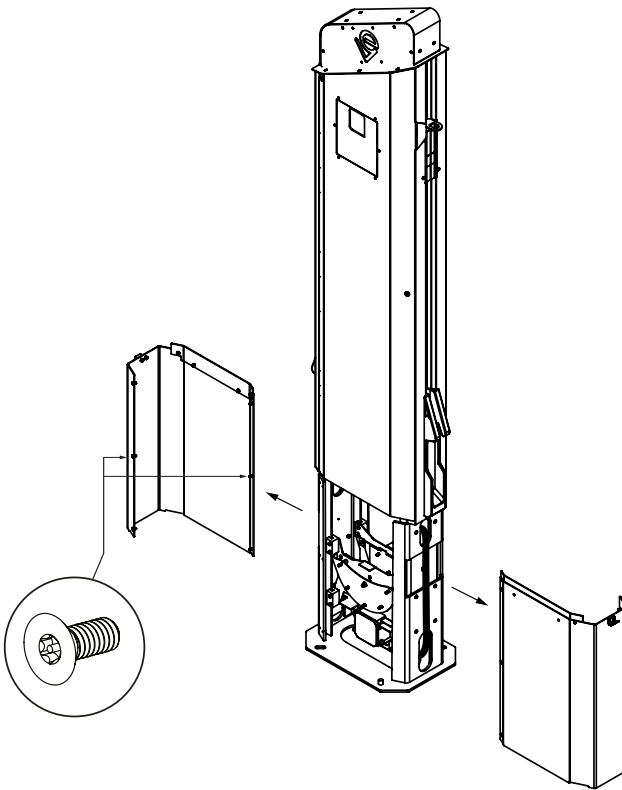
3 - The contractor performing the work must familiarize themselves with the Evera design and installation requirements



1- Remove the packaging film and the protective foam blocks.



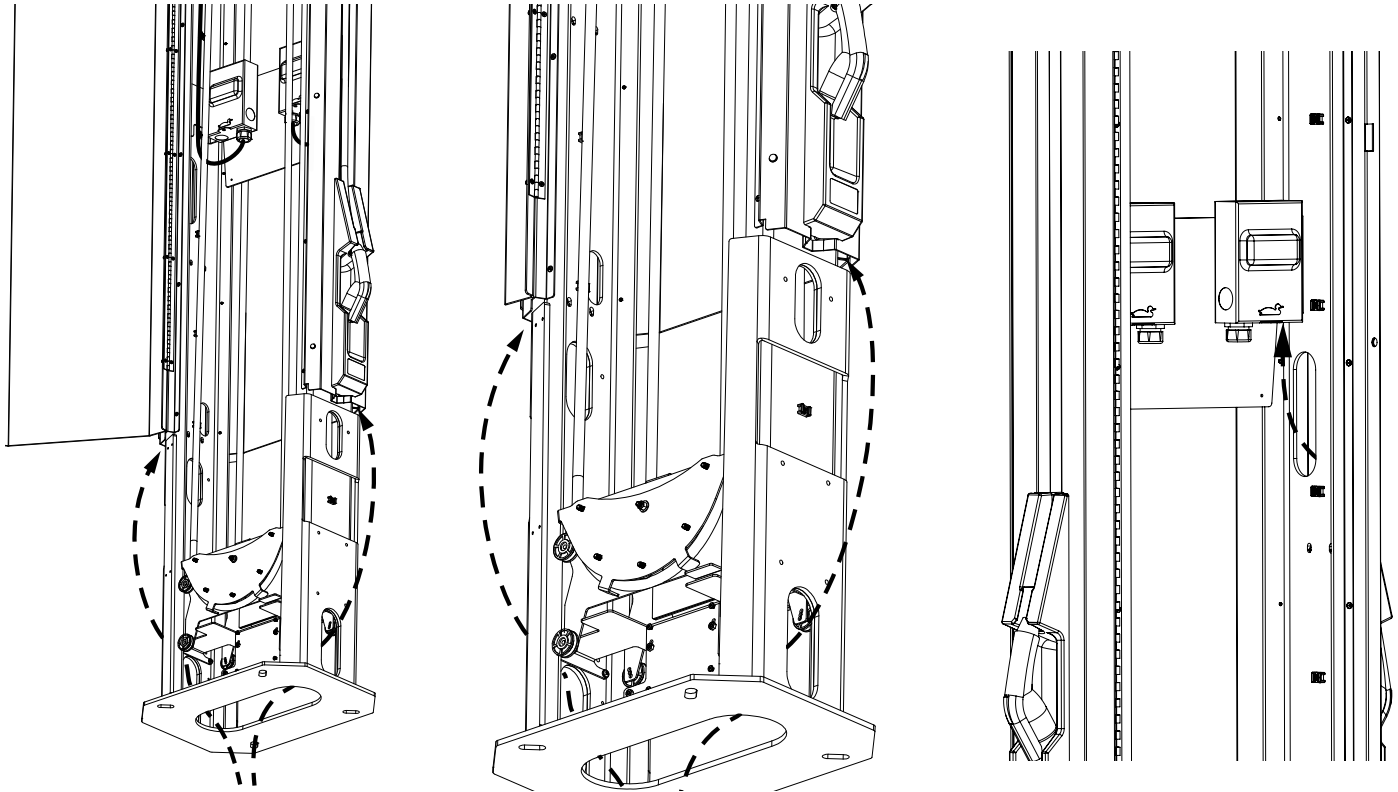
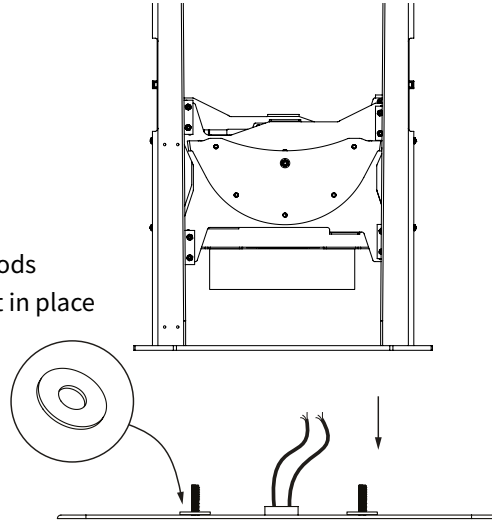
2- Lift the Evera using the lifting hooks provided for this purpose.



3- Unlock and open both doors using the supplied key.
Remove both base panels by removing the 12 screws.
Use the tool supplied with the product to remove the 2 security screws (TORX T-27).

4- Level the product base plate.

If necessary, place suitable washers on the threaded rods before lowering the Evera into position. Then secure it in place using the supplied washers and nuts.



5a- Standard installation (For load-sharing installation, see Step 5b):

Route the power cables through the openings on each side of the base plate.

Then route each cable upward on its respective side, outside the rails, following the dedicated path indicated by the green arrows.

DO NOT route the cables directly inside the station between the rails. A red warning label identifies this restricted area.

Once the cables reach the enclosures, route them through the openings underneath and connect them within the available space below. Use appropriate connectors to secure the cables. Open the enclosures and complete all electrical connections in accordance with applicable electrical codes and standards. Close and secure all enclosures properly.

IMPORTANT NOTE :

All electrical connections must be performed by a licensed electrician.

5b- Load-sharing installation

Route the main power cable into a junction box installed inside the base of the station. From the junction box, route two separate power cables, one to each enclosure, following the same dedicated cable paths described in Step 5a.

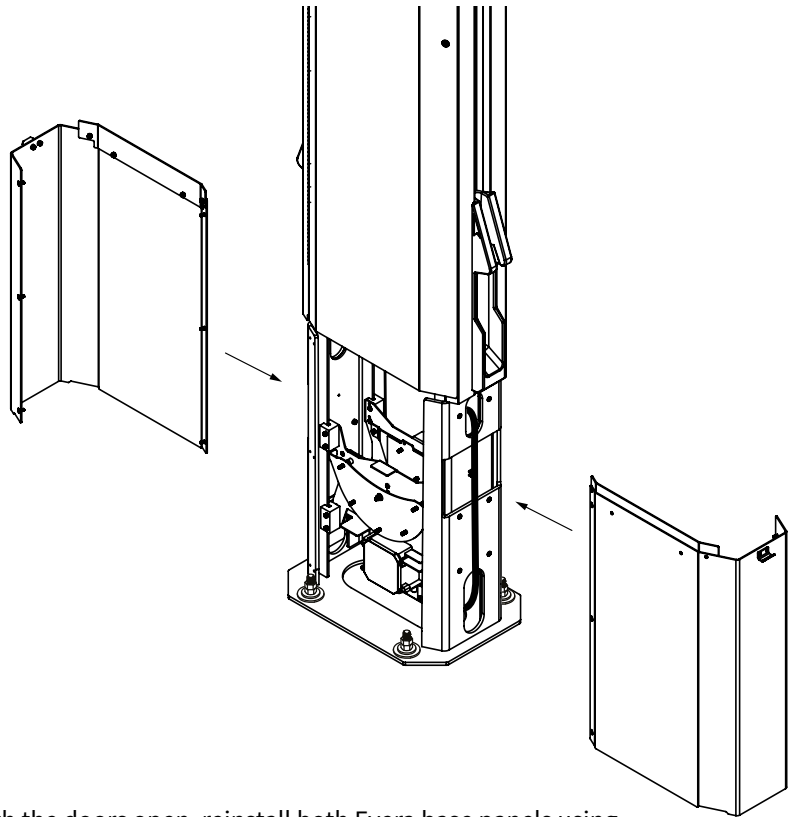
Make all required connections inside the junction box using appropriate electrical connectors, then connect each cable to its respective enclosure.

DO NOT route the cables directly inside the station between the rails. Follow the dedicated cable paths indicated by the green arrows.

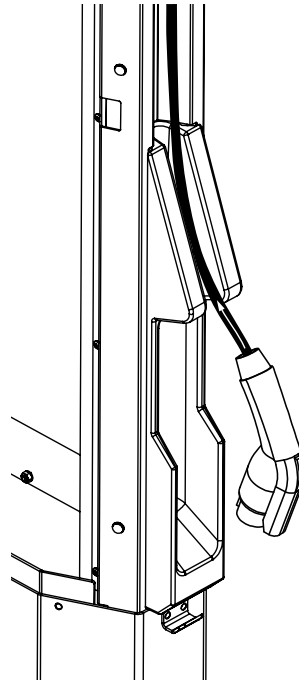
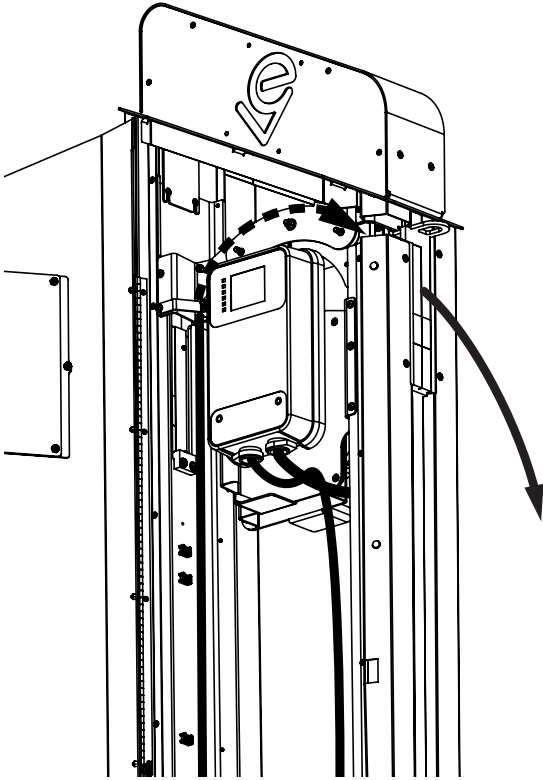
Complete all electrical connections in accordance with applicable electrical codes and standards. Close and secure the junction box and all enclosures properly.

IMPORTANT NOTES :

- 1 - All electrical connections must be performed by a licensed electrician.
- 2 - The PVC enclosure can be supplied by Evera if requested before delivery of the station.
- 3- Contact your representative for more information about load-sharing installation.



6- With the doors open, reinstall both Evera base panels using the 12 screws removed in Step 3. If any screws are damaged, replace them with the supplied spare screws.



7- Remove the charging connectors from their holders, then route the cables through the cable exit slots. Finally, place each charging connector in its respective holder.

For technical support, contact
Bornes Québec :

Phone
1-877-313-7421

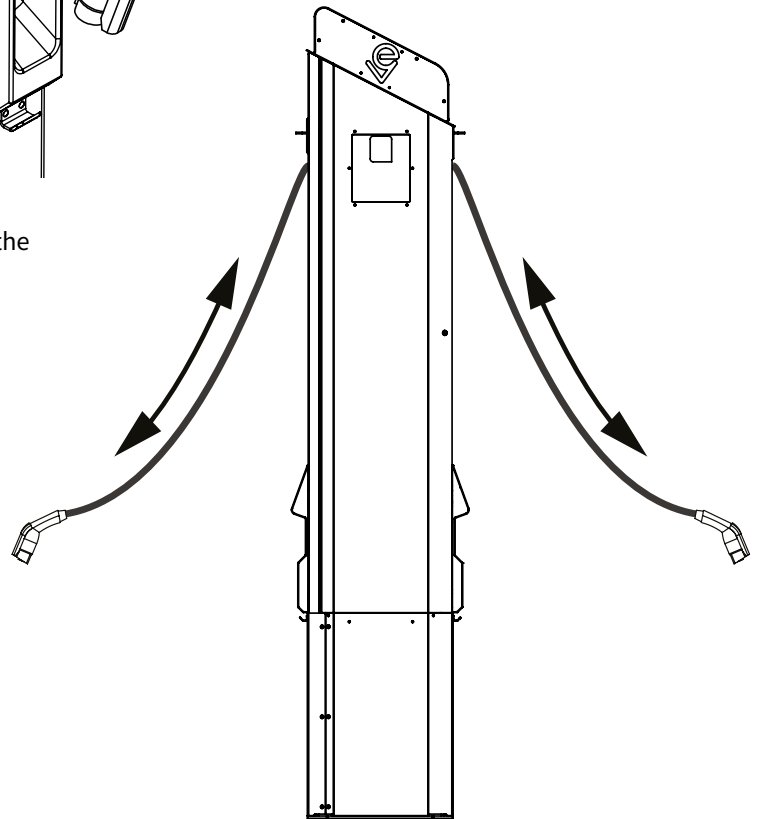
Email
service@bornesquebec.com

Website
bornesquebec.com

To contact **Evera Technologies :**

Email
kotherrien@everatechnologies.com

Website
everatechnologies.com



8- Test both cable retraction systems by slowly pulling each charging connector away from the station.

The retraction system should gently return the charging connector toward its holder. If there is a problem with cable retraction, make sure that nothing is interfering with the travel of the moving carriages.