

# CoRe+<sup>™</sup> and CoRe+ MAX<sup>™</sup>

## Anchor Installation Guide



# Table of Contents

1. Introduction.....	3
2. Pedestal Anchor .....	3
2.1. Anchor Specifications .....	3
2.2. Concrete Base Specifications .....	4
2.2.1. Dimensions.....	4
2.2.2. Conduit Positioning.....	4
3. Installation .....	7
3.1. Cascading Single Station Pedestals .....	7
3.2. Cascading Dual Side-by-Side Station Pedestals.....	7
3.3. Cascading Back-to-Back Station Pedestals – Charging Stations on Front and Back	8
3.4. Cascading Back-to-Back Station Pedestals – Charging Stations on the Sides.....	8
4. Copyright and Liability.....	9

# 1. Introduction

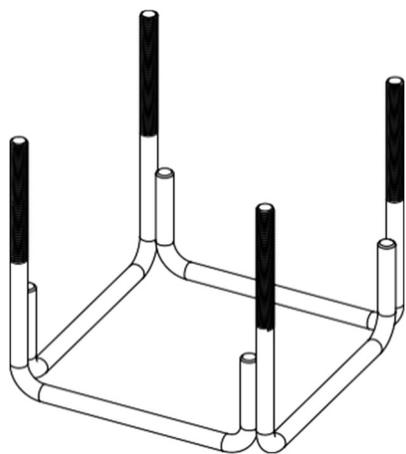
This guide provides instructions for installing the pedestal anchor for the CoRe+™ and CoRe+ MAX™.

## 2. Pedestal Anchor

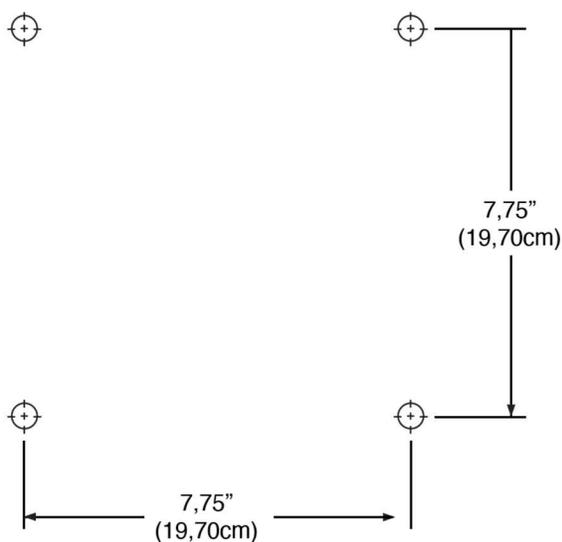
The pedestal is designed to be mounted on a prefabricated anchor with free space in the center that has conduit openings to allow for the passage of the power supply cables. The sections below show the installation details. Certain types of installations may require a concrete base. Refer to the section below for more information.

### 2.1. Anchor Specifications

The installer can use a FLO™ prefabricated anchor (part number: ACAN0001 or C+V1-ANCHOR) or make their own using 304.8 mm (12"), 12.7 mm (½") diameter threaded rods spaced according to the image below.



Prefabricated anchor



Threaded rod

## 2.2. Concrete Base Specifications

The concrete base can be prefabricated or made on site using a concrete formwork. The dimensions and conduit positioning must be determined based on the environment and layout configuration.

### 2.2.1. Dimensions

The concrete base's height (H), depth in the ground (D), and surface area (A) must be determined according to the soil type and the freeze/thaw specifications of the installation area. Use an appropriate electrical conduit with a maximum diameter of 50.8 mm (2") to position the electrical cables in the center of the anchor. The pedestal base opening has been sized to accept 2 PVC conduits up to 50.8 mm (2") in diameter each, whether in side-by-side or back-to-back configuration.

### 2.2.2. Conduit Positioning

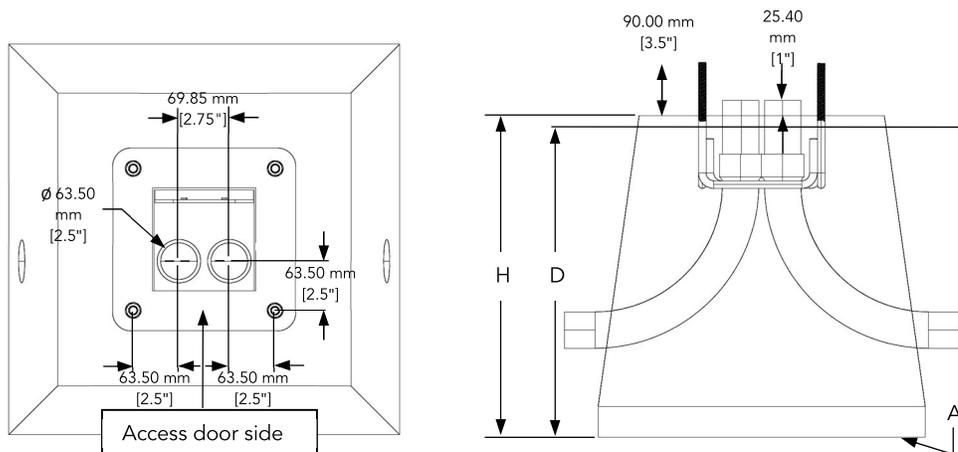
The conduit positioning in the concrete base will vary according to the charging station configuration.

## Side-by-Side Conduit Positioning (Compatible for both CoRe+ and CoRe+ MAX pedestals)

Use for Single, Dual Side-by-Side, and Back-to-Back (Stations on Back and Front) charging station installations (see sections 3.3.1 to 3.3.3).

The conduit positioning should follow the guidelines below:

- The conduits should be off centered toward the door, with the outside of the conduits at a minimum distance of 32 mm (1.25") from the center of the anchor pins.
- The 2 conduits must be placed side by side and centered between the anchor pins, which are located on each side of the pedestal access door.

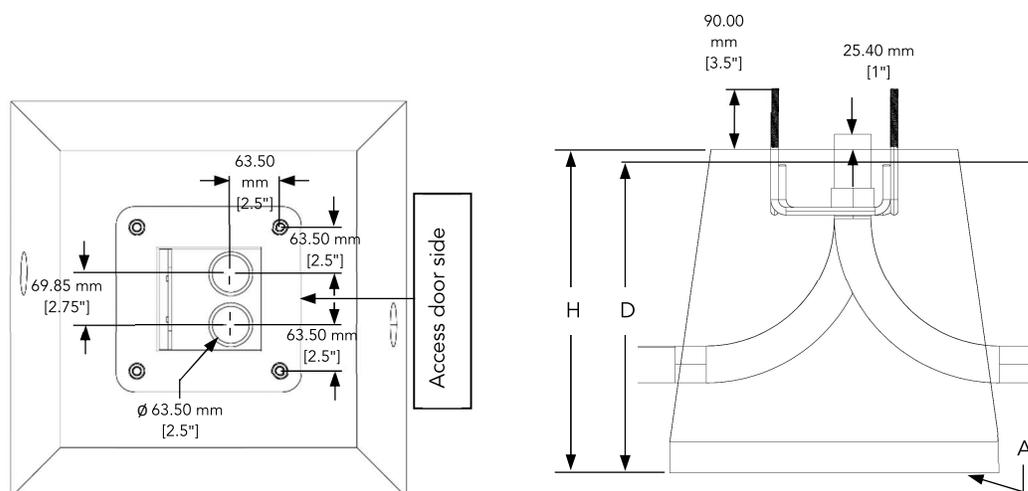


## Back-to-Back Conduit Positioning (Compatible with CoRe+ MAX pedestals only)

Use these instructions for the Back-to-Back (Stations on the Sides) charging station installation (see section 3.3.4)

The conduit positioning should follow the guidelines below:

- The conduits should be off centered toward the door, with the outside of the conduits at a minimum distance of 32 mm (1.25") from the center of the anchor pins.
- The 2 conduits must be placed back-to-back and be centered between the anchor pins, which are located on each side of the pedestal's access door.

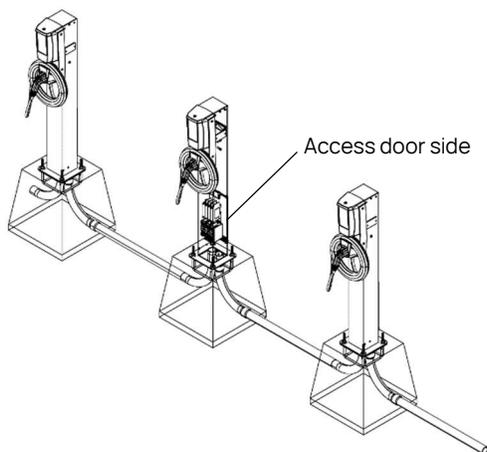


## 3. Installation

The pedestal base and conduit installation vary according to the charging station configurations.

### 3.1. Cascading Single Station Pedestals

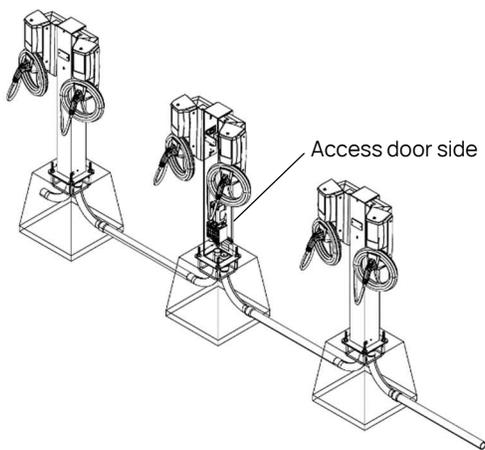
Cascading single station pedestals have the following characteristics:



- When a single charging station head is mounted on a pedestal, it should always be facing the parking space it is serving.
- When the head is facing the parking space, the pedestal access door must be at the back of the charging station.
- To have the access door on the back side of the charging station, the conduit configuration must be side-by-side, as shown.

### 3.2. Cascading Dual Side-by-Side Station Pedestals

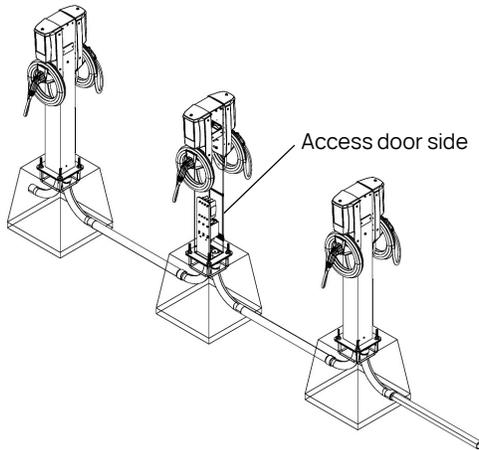
Cascading dual side-by-side station pedestals have the following characteristics:



- When 2 charging station heads are mounted side by side on a pedestal, they should always be facing the parking space they are serving.
- When the heads are facing the parking space, the pedestal access door must be at the back of the charging station.
- To have the access door on the back side of the charging station, the conduit configuration must be side-by-side, as shown.

### 3.3. Cascading Back-to-Back Station Pedestals – Charging Stations on Front and Back

Cascading dual back-to-back station pedestals with charging stations on the front and back have the following characteristics:

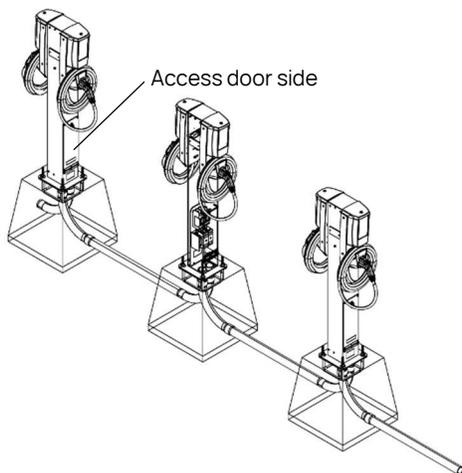


- When two charging station heads are placed in the front and back of the pedestal, they should be facing the parking space it is serving.
- When the heads are facing the parking space, the access doors of the pedestals must be placed on the same side as one of the charging stations, facing one of the parking spaces.
- To have the access door on the same side of a charging station, the conduit configuration must be side-by-side, as shown.

### 3.4. Cascading Back-to-Back Station Pedestals – Charging Stations on the Sides

**Compatible with CoRe+ MAX pedestals only**

Cascading dual back-to-back station pedestals with charging stations on the sides have the following characteristics:



- When the charging station heads are positioned on the side of the pedestal, the access door of the pedestal must be placed on the same side of a charging station.
- To have the access door on the same side of a charging station, the conduit configuration must be back-to-back, as shown.

## 4. Copyright and Liability

Document name: FLO\_CoRe+ and CoRe MAX\_Anchor Installation Guide\_V.1.0.0\_2023-01-16\_CA\_US\_EN

Document ID: PRFM0003

**FLO CA:** © 2016-2023 Services FLO Inc., All rights reserved. FLO, the FLO logo, LEAD THE WAY, and TRACEZ LA VOIE are trademarks of Services FLO Inc. ADDÉNERGIE is a trademark of AddÉnergie Technologies Inc. used under license by Services FLO Inc.

**FLO US:** © 2016-2023 FLO Services USA Inc., All rights reserved. FLO, the FLO logo, LEAD THE WAY, and TRACEZ LA VOIE are trademarks of Services FLO Inc. used under license by FLO Services USA Inc. ADDÉNERGIE is a trademark of AddÉnergie Technologies Inc. used under license by FLO Services USA Inc.

This document is provided as a general instruction guide. All pictures shown are for illustration purposes only. Actual stations may vary in size or due to product enhancements, in which case additional steps may be required. AddÉnergie Technologies Inc. and its subsidiaries (“AddÉnergie”) reserve the right to alter this document and any product offerings and specifications at any time without notice and AddÉnergie does not guarantee that this version of the document is current. It is your responsibility to comply with all applicable laws, including those related to accessibility, zoning, and to exercise due diligence when conducting an installation or using this product. Careless installation or use may result in injury or product damage. To fullest extent permitted by applicable laws, AddÉnergie disclaims any liability for personal injury or property damage resulting from the installation or use of this product.

## Contact Us

Telephone: 1 855 543 8356

Email: [Info@flo.com](mailto:Info@flo.com)

Website: [Flo.com](http://Flo.com)



Eastern office: 2800, Louis-Lumière Street, office 100, Québec, QC, Canada - G1P 0A4

Regional office – Western Canada: #501 – 4190 Lougheed Highway, Burnaby, BC, Canada - V5C 6A8

United States office: 75 South Clinton Ave., suite 510, Rochester, NY, USA - 14604