



# EV CHARGING STATION FOUNDATION

## FOR LEVEL 3 EV CHARGERS

To accommodate the sharp increase in demand for electric vehicle (EV) charging stations, contractors will need product solutions that are easily installed, durable, cost-effective and future-proof.

**PLP's EV Charging Station Foundation** is a pre-fabricated, precision-engineered solution for EV charging. This durable yet polypropylene foundation requires no specialized machinery; it can be installed with two people in one day. The EV Charging Station Foundation's design adapts to fit all EV chargers and charger pedestals/poles currently on the market. The foundation top plate provides a clean finish, is easy to drill, and is an access point for repairs and future upgrades.

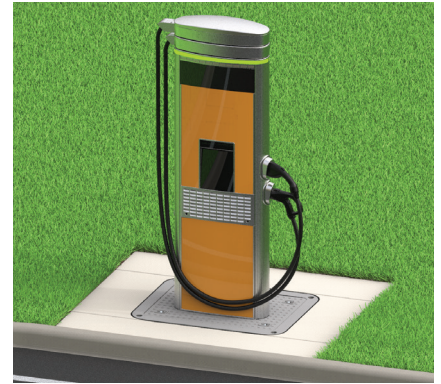
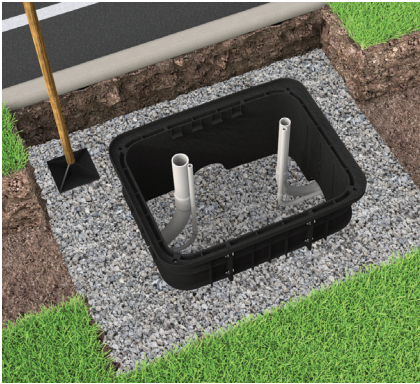
## FEATURES AND BENEFITS

- Make-ready solution that prevents future infrastructure changes
- Easy, one-day installation; no concrete pours or heavy machinery required
- Engineered solution creates a clean, uniform appearance
- Top plate can be modified to fit multiple level 2 chargers or larger level 3 chargers
- Manufactured from durable, weather-resistant polypropylene
- Four ports for versatility when running conduit into the foundation
- Top plate creates easy access point for charger repairs, or replacements or upgrades
- Extensive testing to withstand frost heave, hydraulic lift, heavy traffic, and high winds (up to 200 mph), with no chemical leaching



## FUTURE-PROOF

- Make-ready solution prevents future infrastructure disruptions. Install multiple foundations today and add charging units over time, mitigating the need to break ground as the demand increases.
- Universal fitting system easily accommodates different Level 2 or Level 3 charging station models.
- Easy to drill top plate access point makes for easy repairs and replacements.



## ENGINEERED SOLUTION

- **Foundation** allows the charger to be installed, powered, and commissioned immediately; no waiting for concrete to cure.
- **Top Plate** can be easily drilled and fitted in the field to fit a wide range of charging models.
- **PE Certified** when installed per instructions, against frost upheaval and high winds.



Foundation



Top View



Top Plate



Complete Installation

## VERSATILE

### Multiple Wiring Configurations

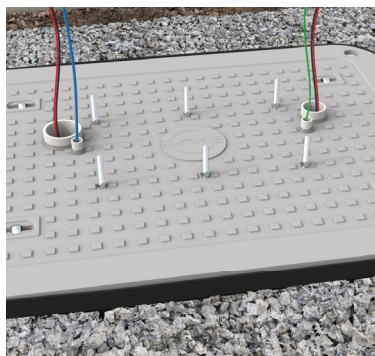
- Daisy-chain
- Dead-heading
- Change-of-direction
- Accepts up to 4 inch conduit



## FLEXIBLE

### Creates a Convenient Access Point

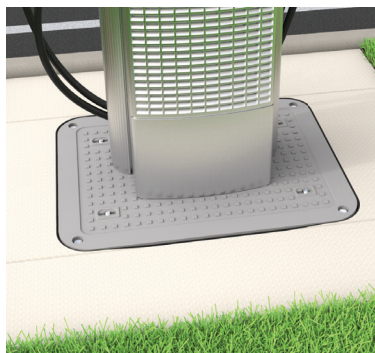
- Top plate provides easy access for future repairs
- Accommodates Level 2 and Level 3 chargers and charger pedestals
- Top plate is easy to drill



## DURABLE

### Designed and Tested to Withstand Harsh Environmental Conditions

- Tier 15-Rated (22,000 lb compression strength)
- 200 mph wind tested
- High water table resistant
- Frost heave resistant





## SPECIFICATIONS

Material	Weight with Lid	Rating	Wind Load	Vertical Load Testing Maximum
Body: Polypropylene	244 lb	Tier 15 Rated	200 mph	22,600 lb Maximum scale



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