



## EV CHARGING STATION FOUNDATION

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. For those installations that require the use of concrete, this durable foundation requires no specialized machinery; it can be installed quickly and provide a finished look to any EV charging installation. The EV Charging Station Foundation's design adapts to fit a wide range of chargers and charger pedestals/poles currently on the market. The molded top plate is easy to drill, and is an access point for repairs and charger future upgrades.

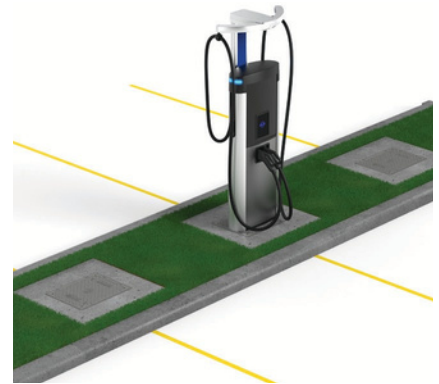
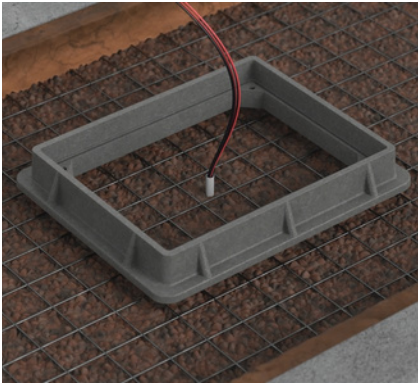
### FEATURES AND BENEFITS

- Make-ready solution that prevents future infrastructure changes
- Easy installation with new concrete pad and no heavy machinery required
- Engineered solution creates a clean, uniform appearance
- Top plate can be modified to fit different Level 2 charging stations or Level 3 dispenser units
- Manufactured for strength with a Tier 22 rating
- Hidden conduit runs through the bottom of 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 150 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 charging station and Level 3 dispenser models.
- Easy to remove, molded top plate provides an access point makes for easy repairs and replacements.

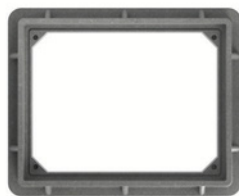


## ENGINEERED SOLUTION

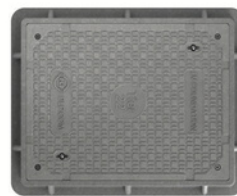
- **Foundation** allows the charger to be installed, powered, and commissioned immediately; no waiting for concrete to cure.
- **Top Plate** can be easily drilled and fitted in the field to fit a wide range of charging models.
- **PE Certified** if installed per instructions, against frost upheaval,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



**Foundation**



**Top View**



**Top Plate**

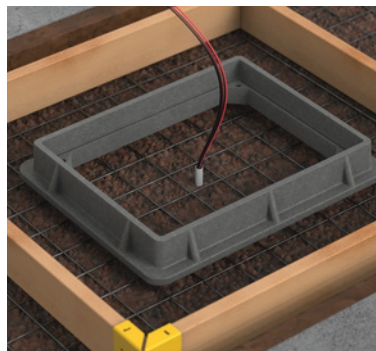


**Finished Installation**

## VERSATILE

### Multiple Wiring Configurations

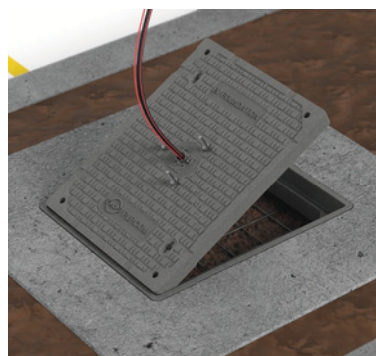
- Daisy-chain
- Dead-heading
- Change-of-direction
- Accepts all conduit sizes



## FLEXIBLE

### Creates a Convenient Access Point

- Top plate provides easy access for future repairs
- Top plate is made of heavy-duty composite, easy to drill
- Accommodates Level 2 chargers, charger pedestals, and Level 3 dispenser units



## DURABLE

### Designed and Tested to Withstand Harsh Environmental Conditions

- Tier 22-Rated (33,750lb compression strength)
- 150 mph wind tested
- High water table resistant
- Frost heave resistant





## SPECIFICATIONS

Material	Weight with Lid	Rating	Horizontal Load Testing <sup>2</sup>	Vertical Load Testing Maximum
Sheet Molded Compound	103 lb	Tier 22 Rated	150 mph	33,750 lb



### GLOBAL HEADQUARTERS

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