



EV CHARGING STATION FOUNDATION FOR CONCRETE INSTALLATIONS

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 for Concrete Installations is a pre-fabricated, precision-engineered solution for EV charging infrastructure. For installations that require the use of concrete, this durable foundation eliminates the need for specialized machinery; it can be installed quickly and provides 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 future charger upgrades.

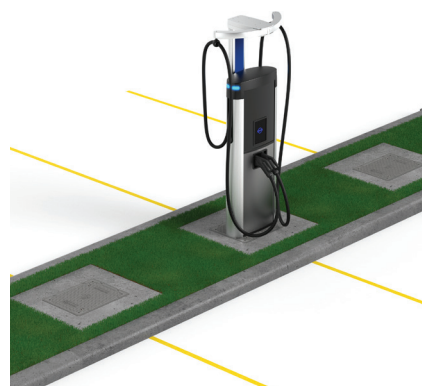
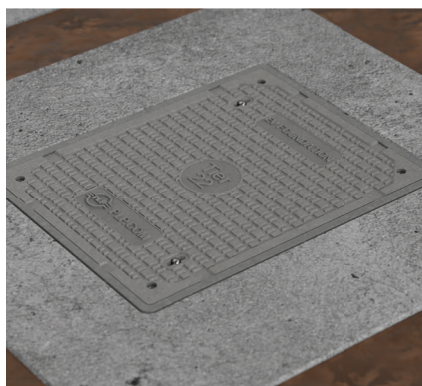
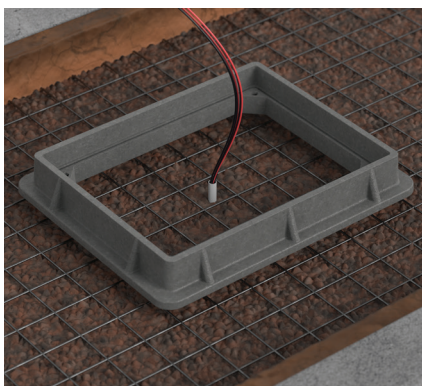
FEATURES AND BENEFITS

- 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, replacements, or upgrades
- Extensive testing to withstand frost heave, hydraulic lift, and heavy traffic, 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 a convenient access point for easy repairs and replacements.

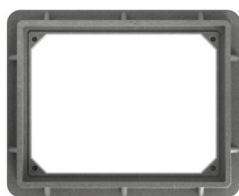


ENGINEERED SOLUTION

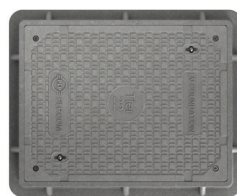
- **Foundation** allows the charger to be installed, powered, and commissioned immediately; no need to wait for concrete to cure.
- **Top Plate** can be easily drilled and fitted in the field to fit a wide range of charging models.
- **PE Certified** against frost upheaval and high winds (if installed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



Foundation



Top View



Top Plate

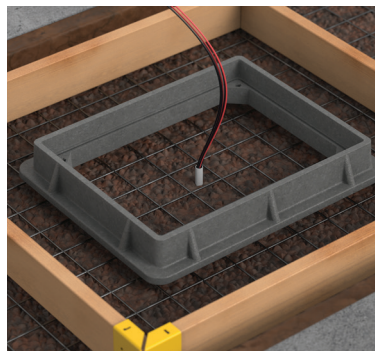


Finished Installation

VERSATILE

Multiple Wiring Configurations

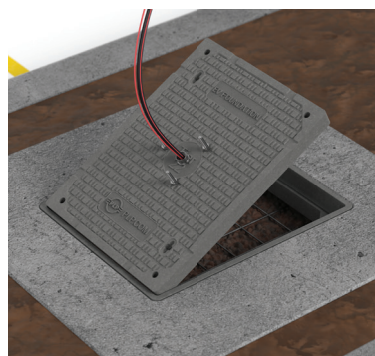
- Daisy-chain
- Dead-heading
- Change-of-direction
- Accepts all conduit sizes



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 (33,750 lb compression strength)
- High water table resistant
- Frost heave resistant

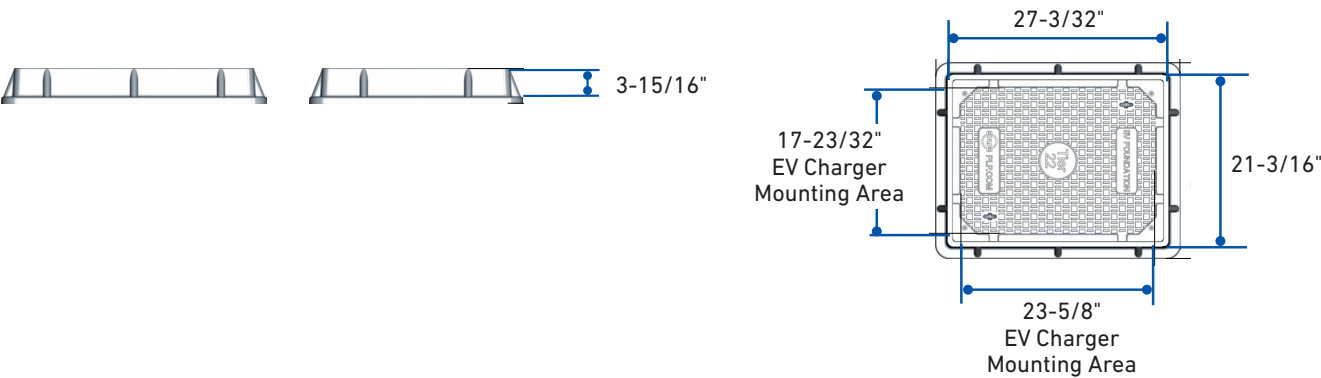




SPECIFICATIONS

Material	Weight with Lid	Rating	Vertical Load Testing Maximum
Sheet Molded Compound	103 lb	Tier 22 Rated	33,750 lb

DIMENSIONS



ORDERING INFORMATION

Catalog Number	Description
EVBASEASSY-CEF	EV Charging Station Foundation with Lid - For Concrete Installations
5600053G	Replacement Lid for EV Charging Station Foundation - For Concrete Installations

