

PRE-ENGINEERED PRECAST FOUNDATION

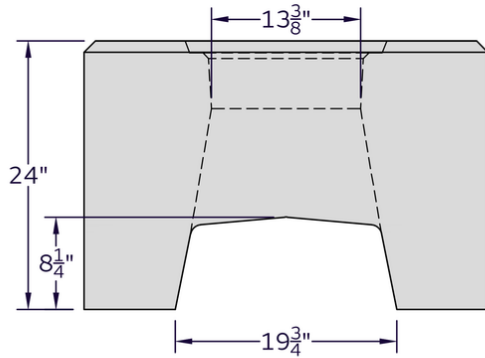
THE DC FOUNDATION

DCFC

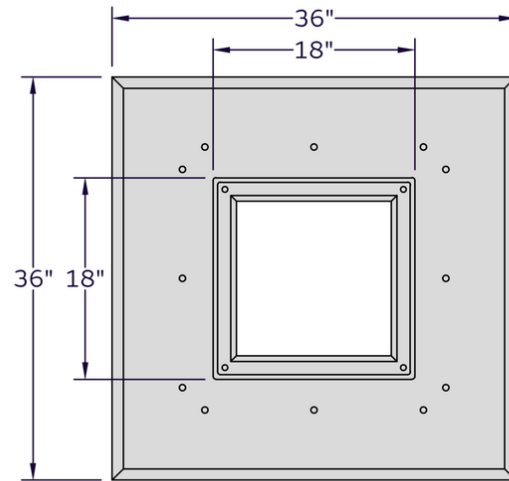
EV Charger Foundation

The DCFC foundation of the EV Blocks family — a custom match plate machined for any charger gives a clean, consistent install across many sites.

SIDE VIEW



TOP VIEW



SPECIFICATIONS

DIMENSIONS

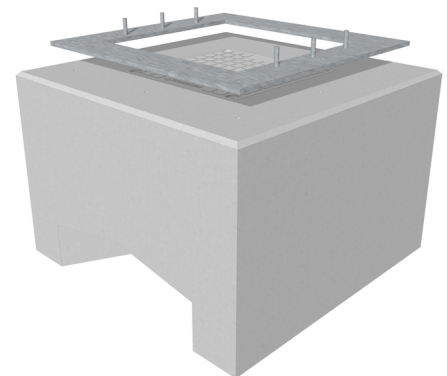
Length	36 in
Width	36 in
Height	24 in

WEIGHTS

Foundation	1,750 lb
Match plate	per charger

MATERIAL PROPERTIES

Concrete	4,000 psi
Match plate · Fu	1/2 in thick · 75 ksi
Threaded rods · Fu	per charger · 75 ksi
Hardware	stainless steel 304

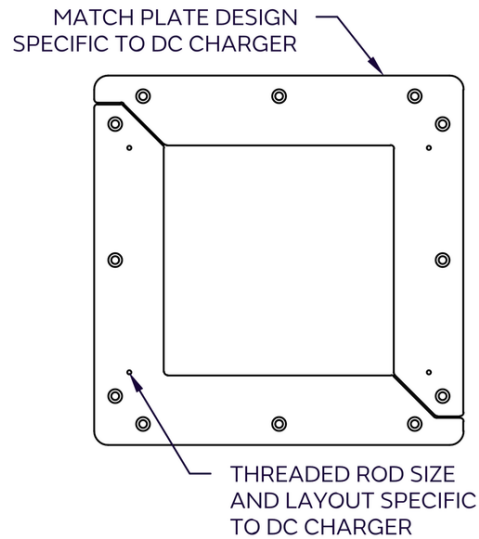


LOAD RATINGS

COVER PLATE (passive state)	Independently tested to ANSI/SCTE-77 Tier 15 . This rating applies to the cover plate only — not the match plate or the foundation generally.
MATCH PLATE (active state)	Wind and seismic moment capacity for the mounted charger is evaluated per project-specific analysis; capacity varies with charger size and anchor layout.
STABILITY	Foundation overturning and sliding under wind and seismic loads confirmed by engineering analysis.

Pre-engineered to perform across a range of wind, seismic, and soil conditions. BaseLogic EV can assist with project-specific calculations.

— KEY INSTALLATION COMPONENT



CUSTOM MATCH PLATE

Component	custom match plate
Material	1/2" thick, ASTM A240 304 SS
Threaded rods	ASTM A193 Gr. B8 SS
Charger bolt pattern	custom, per charger
Conduit openings	~13" x 13" central core

MATCH PLATE FASTENER CALLOUT

1/2 in dia. hex flat head, securing the match plate to the cast inserts.

SCOPE OF SUPPLY

EV Blocks supplies the precast foundation, and either the charger-specific custom match plate or the SMC cover plate.

— HOW IT WORKS

ACTIVE Custom Match Plate

- Machined for any **DC charger** — clean, consistent install across sites.
- Charger attaches to the match plate via **custom threaded rod locations**.
- Match plates attach through **12 standardized cast-in insert locations**.

PASSIVE Cover Plate

- SMC cover plate** for passive state — foundation set before charger.
- Seats over the central core recess with a flush finish.
- Often removed once a charger is installed.

Both the match plate and the cover plate are installed into standardized cast-in insert locations.