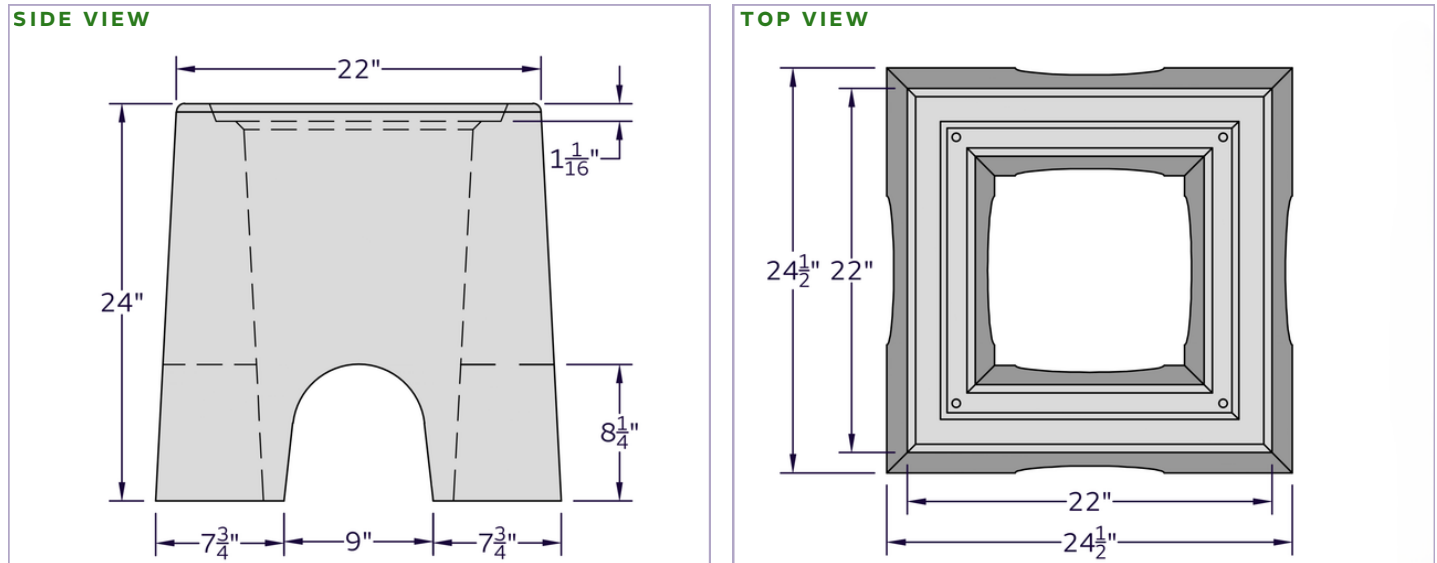


PRE-ENGINEERED PRECAST FOUNDATION

THE STANDARD

L2 COMMERCIAL
EV Charger Foundation

The commercial Level 2 foundation of the EV Blocks family — cast, ready to set, with charger-agnostic universal mounting.



SPECIFICATIONS

DIMENSIONS

Length	22 in
Width	22 in
Height	24 in

WEIGHTS

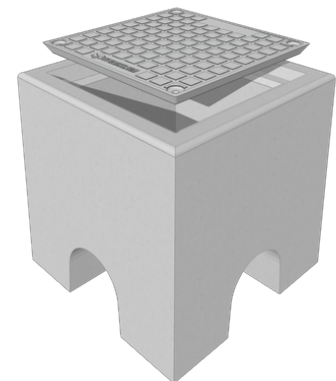
Foundation	650 lb
Adapter plate	18 lb
Total	668 lb

MATERIALS

Concrete	4,000 psi
Adapter plate	SMC composite
Hardware	stainless steel 304

FASTENER

Size	1/2 in dia. x 3 in long
Head	T45 button head



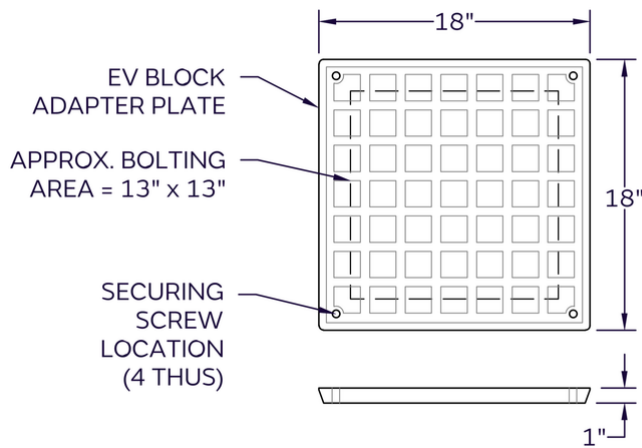
ADAPTER PLATE LOAD RATINGS

VERTICAL (passive state)	Independently tested to ANSI/SCTE-77 Tier 15 for incidental vehicular traffic — 15,000-lb vertical cyclic design load, 22,500-lb vertical maximum load, 0.5-in deflection limit at design load.
WIND (active state)	Independently tested allowable moment capacity supports a ~8.5 SF charger at 170 mph , or a ~18 SF charger at 120 mph (projected frontal area; includes a 3:1 factor of safety).*

* Approximate upper bound as loading demand varies with mounting height and charger geometry.

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

KEY INSTALLATION COMPONENT



ADAPTER PLATE

Component	adapter plate
Material	1" thick, SMC composite
Weight	18 lb
Charger mounting	charger-agnostic, universal
Charger bolt pattern	field-drilled, max 13" x 13" area

FASTENER CALLOUT

1/2 in dia. tamper-resistant bolt, T45 button head, securing the adapter plate to the cast inserts.

SCOPE OF SUPPLY

EV Blocks supplies the precast foundation, adapter plate, and plate-mounting fasteners.

HOW IT WORKS

- 1 The foundation ships in a passive state with an undrilled adapter plate — ready to install before the charger.
- 2 The adapter plate is field-drilled to match the selected charger's bolt pattern and conduit locations.
- 3 The charger is **through-bolted** to the adapter plate (through-bolt hardware by others).
- 4 The plate is secured to the foundation with provided **stainless steel tamper-resistant hardware** into the cast-in corner inserts.
- 5 Optional: the plate can be **swapped later for charger upgrades or replacements**.

One adapter plate fits virtually any Level 2 charger — charger-agnostic, universal mounting.

