

Model CP-GRA – Graphite Probe

Typical Applications

Bridge decks and substructures, parking garages, docks and buildings

Featuring

Low cost graphite element

Short term stability for making relative measurements such as E log I or potential decay



Housing Specifications

3/4 in. (2 cm) dia. x 3 1/2 in. (9 cm) long
Shipping weight – 1/4 lb (1/8 kg)

Terminations

SWnnn - nnn ft. of #14 AWG HMW/PE

Element Specifications

Max. grain size – 0.008 in (0.2 mm)
Apparent density – 1.68 g/cc

Element Types

GRA - graphite

Model Designation

Specify as EDI Model CP-GRA-SWnnn
nnn = Length of lead wire

Application Notes:

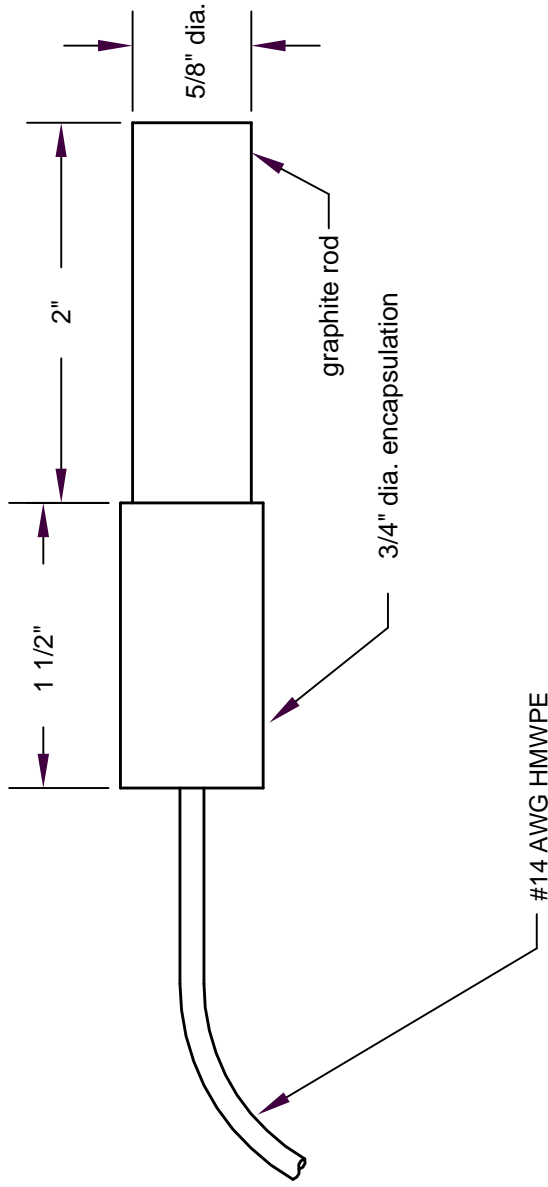
The **Model CP-GRA** should be installed as close as possible to the rebar where measurements are to be taken. A graphite probe is not an equivalent substitute for an Ag/AgCl reference electrode such as the EDI **Model CB-AGG**. The rest potential of graphite is dependent upon the oxygen level in the surrounding concrete. Consequently, its potential can show long term variations of 150 mV or more. Therefore, a graphite probe should only be used as a short term stable reference point for measurements such as E log I, instant off or potential decay.

electrochemical devices, inc.

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*C Series
Concrete
Products*





Note: Specify as EDI Model CP-GRA-SWnnn where nnn is length of lead wire in feet.

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Graphite Probe

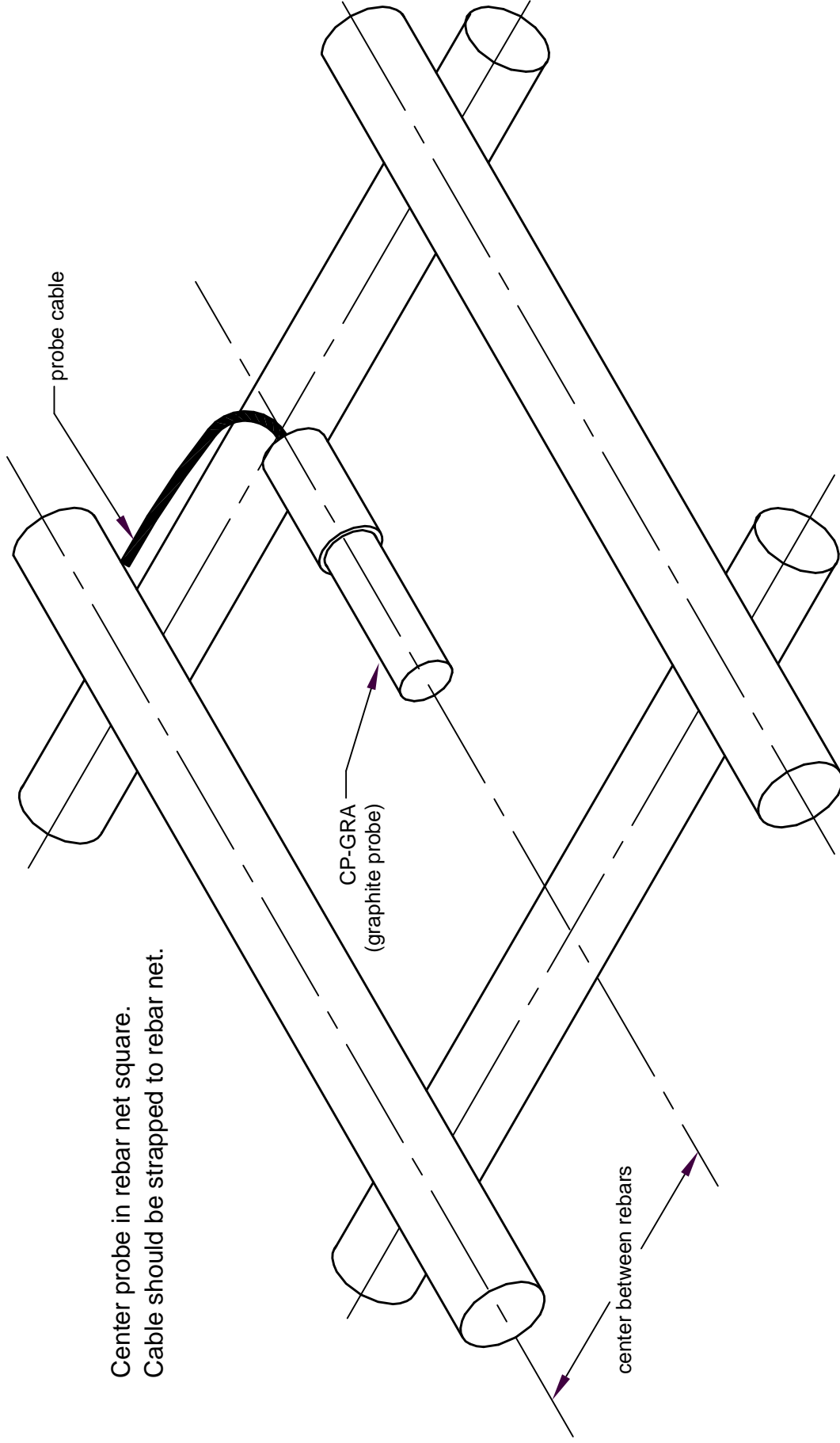
SCALE FULL

DATE 11/23/99

DRAWN BY FJA

DRAWING NO. CPASY

Center probe in rebar net square.
Cable should be strapped to rebar net.



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Typical Probe Installation

SCALE None

DATE 06/28/99

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