

Domestic Electric Vehicle (EV) Meter Adapter

PI

REVISION: New Pilot Install

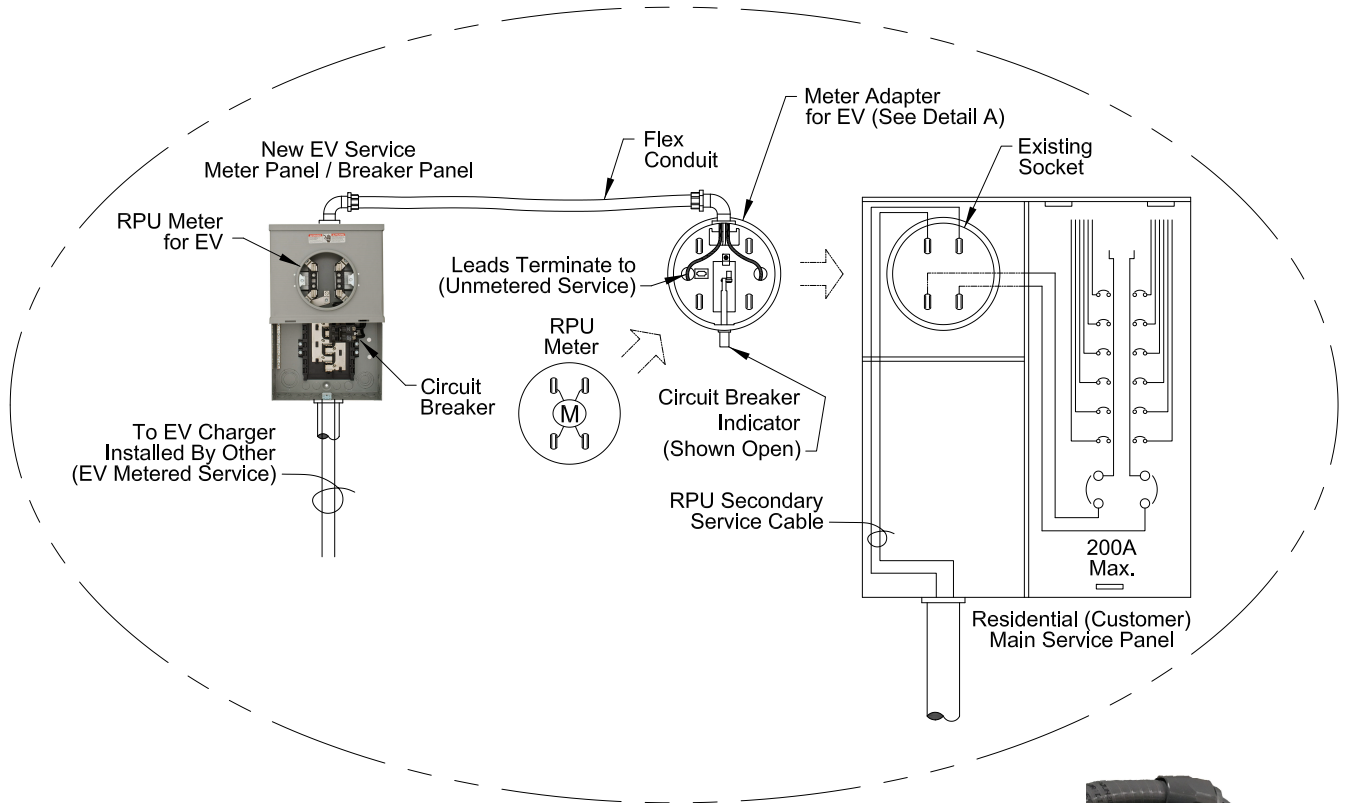
CHECKED BY (ENGINEERING):

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PREPARED BY:

APPROVED BY:



Scope:

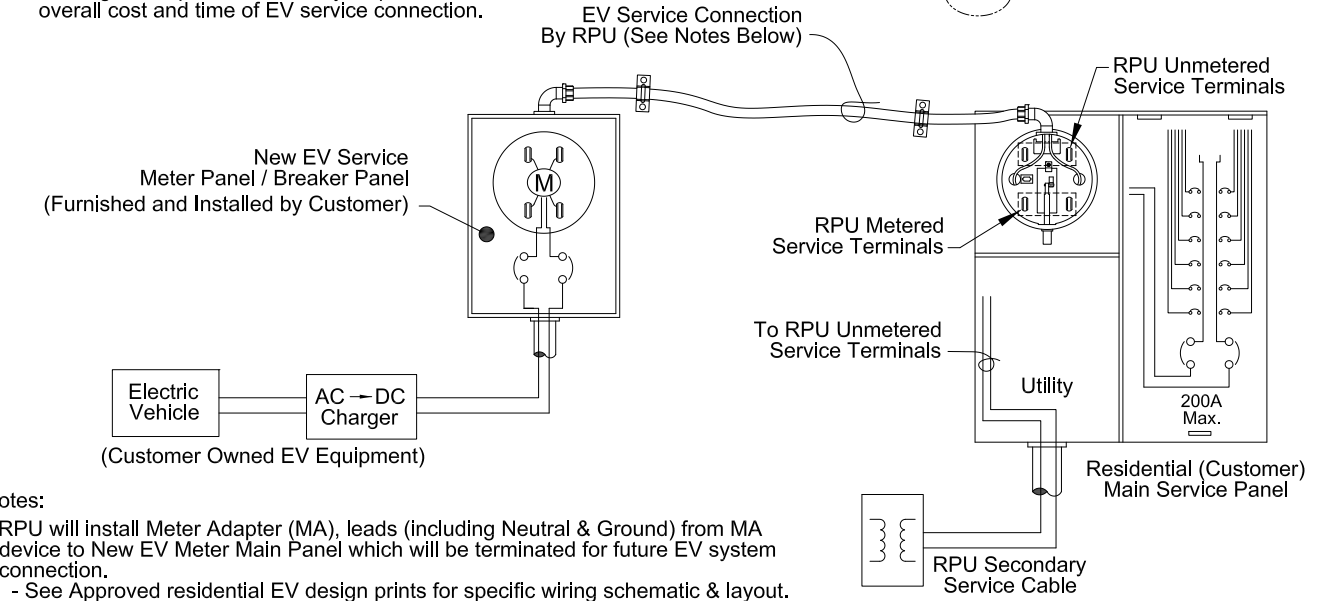
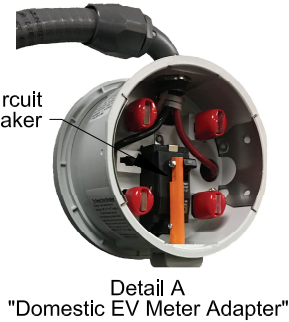
Authorized EV customers wire their EV Equipment to a new EV Meter main panel (Metered for EV) that is interconnected to line side of residential main panel using MA without the need to modify existing residential electrical panel.

About Meter Adapters (MA)

Meter Adapter devices configured for Electrical Vehicle (EV) are placed on 200 Amp "MAX" residential "House" main meter socket.
 - Contact Utilities for requirements.

Meter Adapters Benefits

- Eliminate the need to make modifications to existing meter panel, which may help reduce the overall cost and time of EV service connection.



Notes:

- RPU will install Meter Adapter (MA), leads (including Neutral & Ground) from MA device to New EV Meter Main Panel which will be terminated for future EV system connection.
- See Approved residential EV design prints for specific wiring schematic & layout.

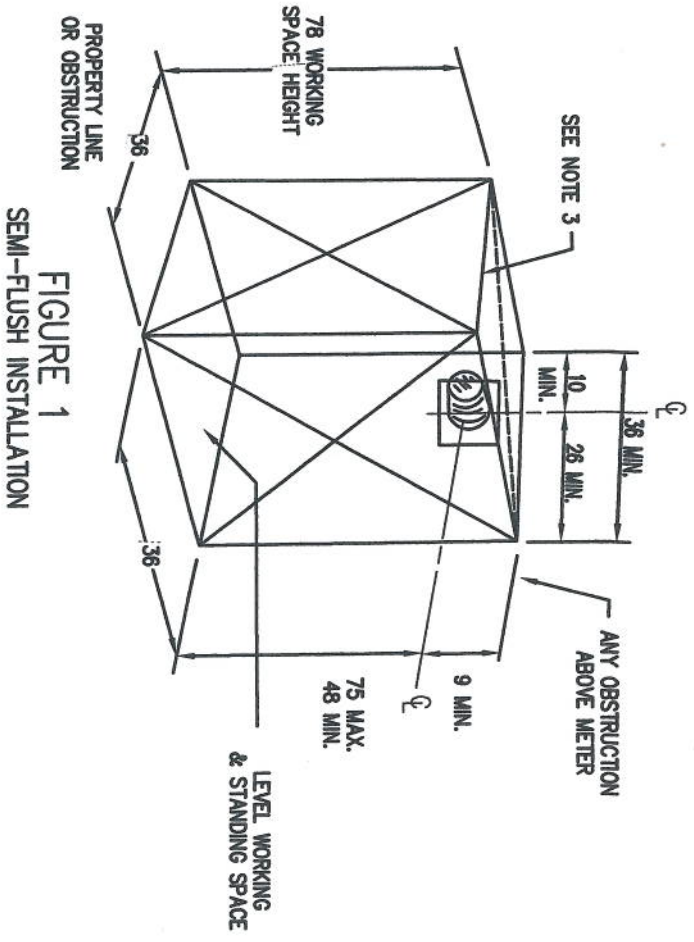


FIGURE 1
SEMI-FLUSH INSTALLATION

NOT TO SCALE

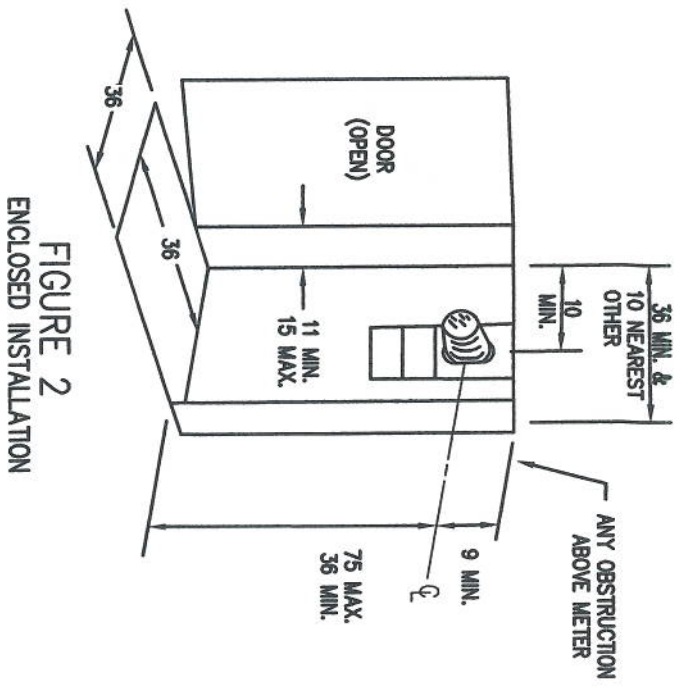


FIGURE 2
ENCLOSED INSTALLATION

NOTES:

1. Sockets with approved sealing rings shall be furnished, installed, and wired by the electrical contractor.
2. Care should be exercised to design cabinet such that neither the roof nor the door frame will interfere with the clearances or the installation of the meter.
3. Meter to be installed with 10 inch minimum clearance to the nearest side wall or other obstruction.

ALL DIMENSIONS SHOWN ARE IN INCHES

TYPICAL METER CLEARANCE		REVISION: SHIT. 5 OF 5	
PROVIDE FOR REFERENCE ONLY			
DATE	5-9-2011	CHECKED BY	B. HARRIS
DRAWN	J. BECK	APPROVED	C. ANCHETA
CITY OF RIVERSIDE		DEPARTMENT OF PUBLIC UTILITIES	