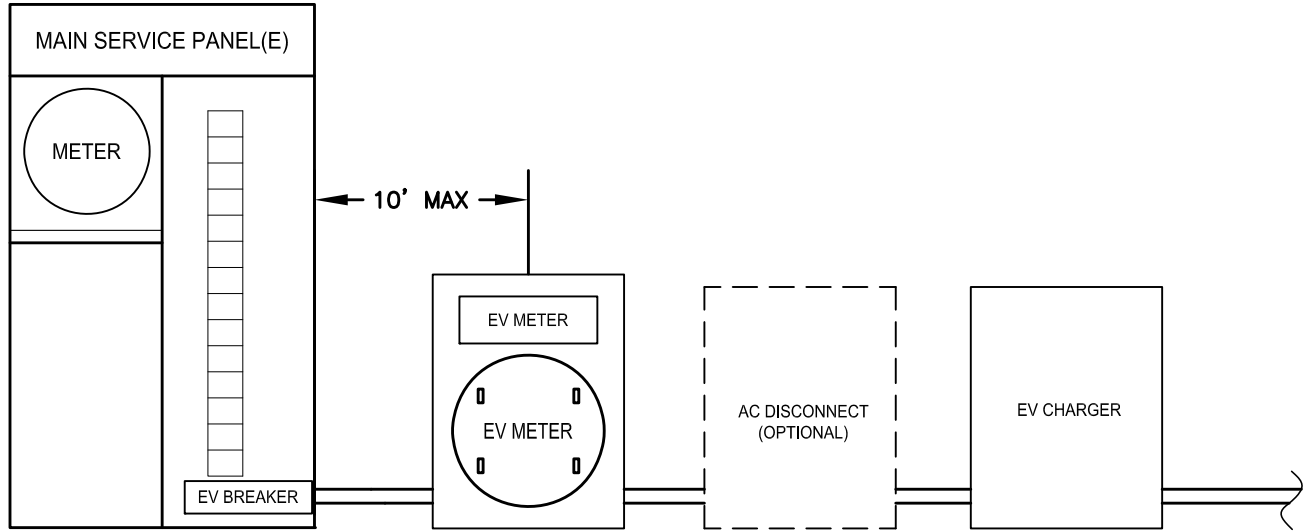


Drawing name: \\caudiffiv01\caudiffiv01\eng\engineering\standards\overhead - New\942-0245 EV CHARGING.dwg Plotted: Nov 01, 2022 - 5:49pm



SCOPE:

- OPTIONAL METERING ARRANGEMENT FOR CUSTOMERS SEEKING A SEPARATE ELECTRIC VEHICLE CHARGING RATE
- EFFECTIVE 11/1/2022
- SUPERSEDES ALL PRIOR EV CHARGING STANDARDS
- THIS STANDARD DOES NOT INCREASE THE SERVICE CAPACITY. CUSTOMERS NEEDING AN INCREASE IN CAPACITY SHOULD FIRST PURSUE A PANEL-UPGRADE PROJECT WITH THE UTILITY. THE EXISTING INFRASTRUCTURE, CUSTOMER'S NEEDS AND OTHER SPECIFICS WILL DETERMINE THE COMPLEXITY AND EXTENT OF THE COSTS, TIME AND REWORK REQUIRED

GENERAL NOTES:

1. EV METER SOCKET SHALL BE RING-TYPE, 4-JAW, SELF-CONTAINED, 48-75" CENTER HEIGHT
2. REFER TO GAS COMPANY FOR CLEARANCE REQUIREMENT
3. ALL WIRING TO BE PERFORMED BY CUSTOMER
4. ALL WORK MUST ABIDE BY APPLICABLE MUNICIPAL CODES, NFPA, CEC AND BUILDING CODE
5. ALL COMPONENTS SHALL BE UL LISTED AND RATED FOR THE FULL LOAD THEY SERVE
6. CUSTOMERS ARE REQUIRED TO OBTAIN A BUILDING PERMIT, AND PASS THE PERMIT'S FINAL INSPECTION
7. EV METERING WILL BE PROVIDED BY THE UTILITY IN ACCORDANCE WITH THE ESTABLISHED RULES AND REGULATIONS. AFTER THE CUSTOMER HAS PAID THE APPROPRIATE FEE, THE CITY WILL SET AN EV METER RATED FOR THE VOLTAGE SUPPLIED. BILLING WILL BE IN ACCORDANCE WITH THE ESTABLISHED CITY OF LODI ELECTRIC RATE SCHEDULE. LEU RESERVES THE RIGHT TO MODIFY ITS RATES AND STANDARDS AT ANY TIME
8. WHILE EV CHARGING CURRENT WILL PASS THROUGH TWO METERS, BILLS WILL BE COMPUTED TO ENSURE EV METERED LOADS ARE DEDUCTED FROM THE MAIN-METER AND NOT BILLED TWICE

LABELING:

- LABELS SHALL BE MADE OF RED LAMICOID/PHENOLIC MATERIAL WITH ENGRAVED WHITE LETTERS
- LABEL BREAKER INSIDE PANEL, "EV BREAKER" LETTERS TO BE MINIMUM OF 1/8" HEIGHT
- LABEL EV SOCKET, "EV SOCKET" LETTERS MIN 1/4" HEIGHT

REV	CHANGE	DR	DSN	APR	DATE
1.	Eliminating add'l svc. Moving to meter behind meter	YA	TC	TC	11/1/2022



CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
RESIDENTIAL EV METERING
FOR OVERHEAD AND UNDERGROUND SERVICES

11/1/22	YA	TC			SHEET 1 OF 1	942 0245
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION	