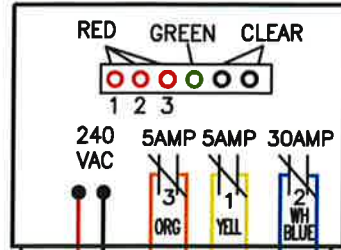


LOAD CONTROL RECEIVER



LOW VOLTAGE CONTROL FOR AC-HEAT PUMP (SEE DIA-7A)

LOAD MANAGEMENT METER SOCKET

LOCATED OUTSIDE 4-6FT ABOVE GROUND LEVEL

SOCKET & LCR W77550000

SEE NOTE #1

OUTSIDE
INSIDE

ELECTRICAL PANEL

PIPE CONNECTION PREFERRED

TO NEUTRAL IN PANEL

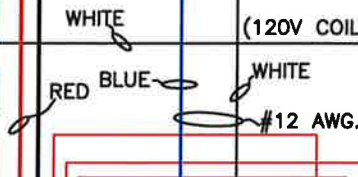
SEPERATE NEUTRAL IN PANEL WHITE

VEHICLE CIRCUIT 240 VAC
AØ BØ
A/C 240 VAC
AØ BØ
WATER HEATER 240 VAC
AØ BØ

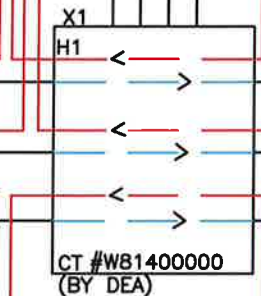
METER & CONTROL 240 VAC
AØ BØ

CT CABINET #W81960000

INSTALL IN CONDUIT



RELAY SIZED TO VEHICLE CHARGER AMP DRAW



TO VEHICLE CHARGER
TO A/C COMPRESSOR
TO WATER HEATER

GND

NOTES:

1. CALL DEA ENERGY SERVICES AFTER WIRING IS COMPLETED TO SCHEDULE METER INSTALLATION.
2. ALL WIRING SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC), AND LOCAL REGULATIONS.
3. METER SOCKET MUST HAVE BYPASS TO SHUNT CT WHEN METER IS REMOVED.
4. CT MUST BE GROUNDED AT ELECTRICAL PANEL.
5. LABEL OFF PEAK CONTROL BREAKER.

DAKOTA ELECTRIC ASSOCIATION

GUIDE DRAWING

SUB METERED-A/C WATER HEATER AND ELECTRIC VEHICLE

CLASS 1 / DIV 1-8

THIS DRAWING WAS DEVELOPED FOR A TYPICAL INSTALLATION AND MAY NOT BE APPLICABLE TO ALL INSTALLATIONS CONSULT AN EXPERT FOR FINAL INSTALLATION DESIGN

OWNER ENG. MANAGER NO.
DATE 06/28/17

DIA-9EV