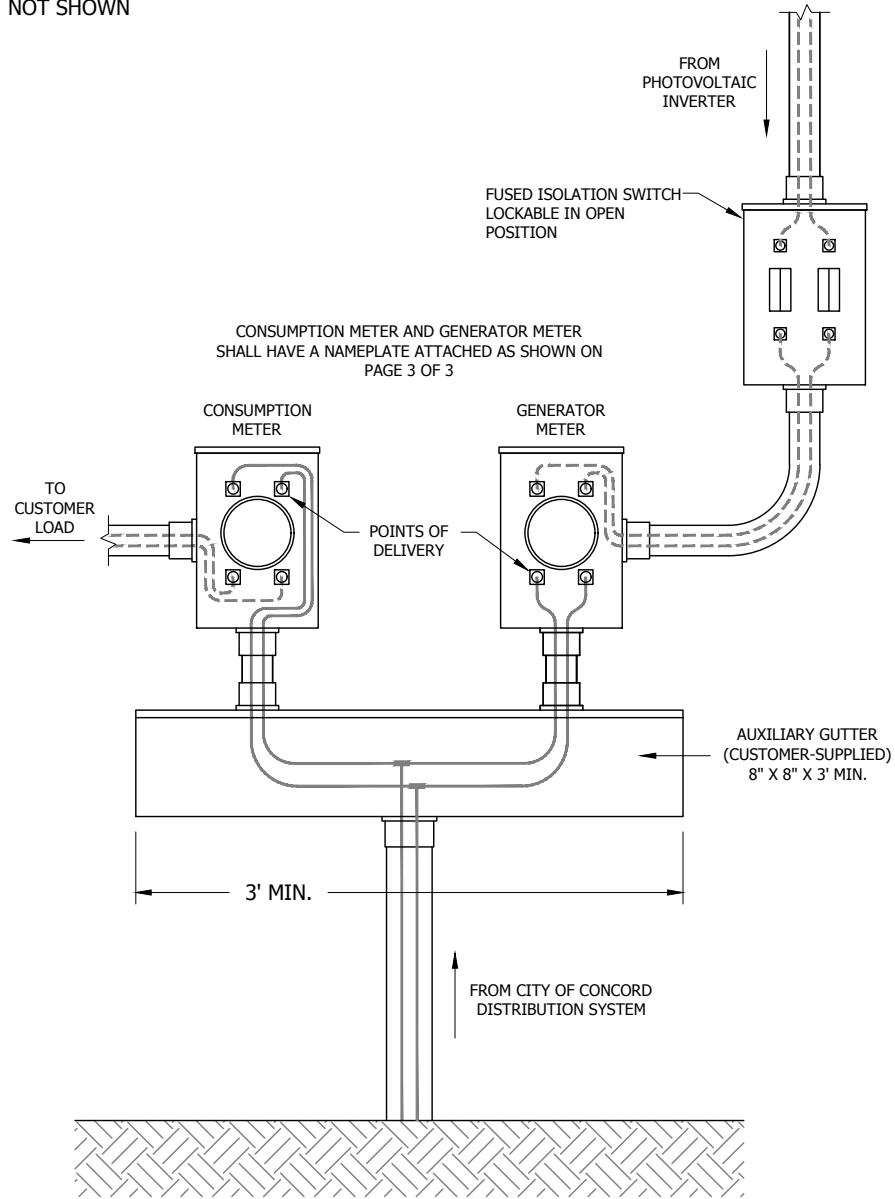


LEGEND

- CUSTOMER WIRING
- CITY OF CONCORD WIRING
- NEUTRAL & GROUND WIRING
NOT SHOWN

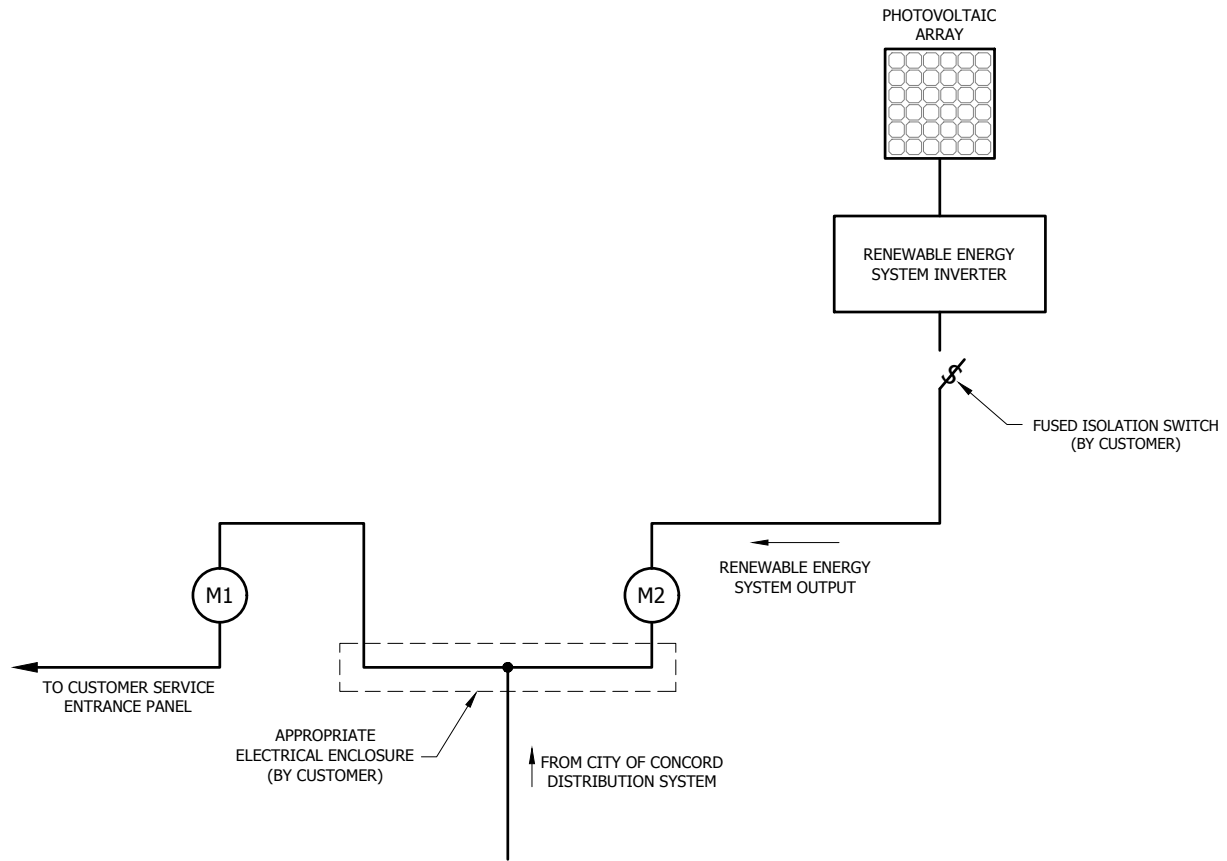


S:\AutoCAD_Electric\AutoCAD Drawings\Metering\INTERCONNECT 1-3.dwg, May 20, 2019, 12:19pm



CITY OF CONCORD ELECTRIC SYSTEMS
INTERCONNECTION INSTALLATION
PHYSICAL CONNECTION ILLUSTRATION
METERING AND DISCONNECT

Dwg. Name:	
Scale:	None
Revision Date:	05/17/19
Revision Date:	11/26/07
Sheet:	1 Of: 4



NOTES:

1. SYSTEM SHALL NOT ENERGIZE A DEAD BUS SYSTEM.
2. M1 IS THE METER FOR THE RESIDENTIAL SERVICE.
3. M2 IS THE METER FOR THE RENEWABLE ENERGY INPUT TO THE SYSTEM.
4. INVERTER/ISOLATION SYSTEM TO BE UL 1741 LISTED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NFPA 70).
5. THE ISOLATION SWITCH BY THE CUSTOMER TO BE SIZED PER NATIONAL ELECTRIC CODE MINIMUM SIZE = 100 AMPS. SWITCH SHALL BE LOCKABLE IN THE OPEN POSITION.
6. CONNECT COC SERVICE TO THE TOP LUGS OF CONSUMPTION METER BASE AND THE BOTTOM OF THE GENERATOR METER BASE



CITY OF CONCORD ELECTRIC SYSTEMS
RENEWABLE ENERGY INTERCONNECTION
INSTALLATION DIAGRAM
FOR SYSTEMS LESS THAN 20KW CAPACITY

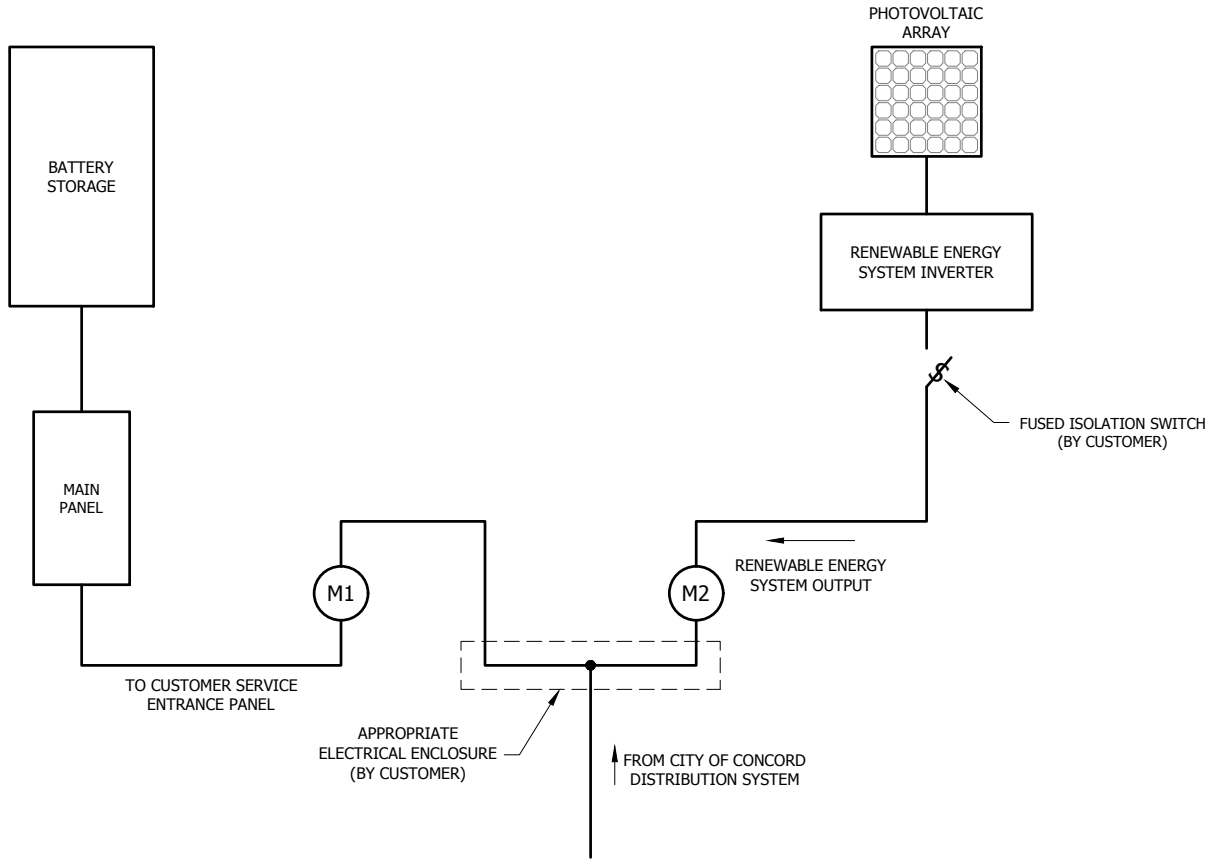
Dwg. Name:

Scale: None

Revision Date:

Revision Date: 05/17/19

Sheet: 2 Of: 4



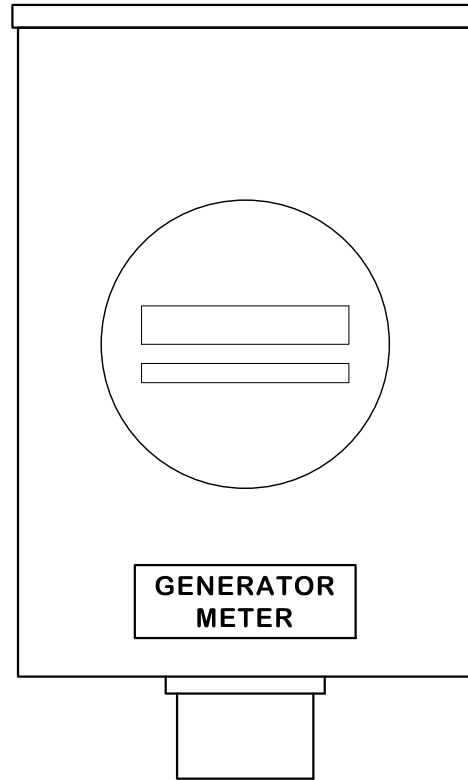
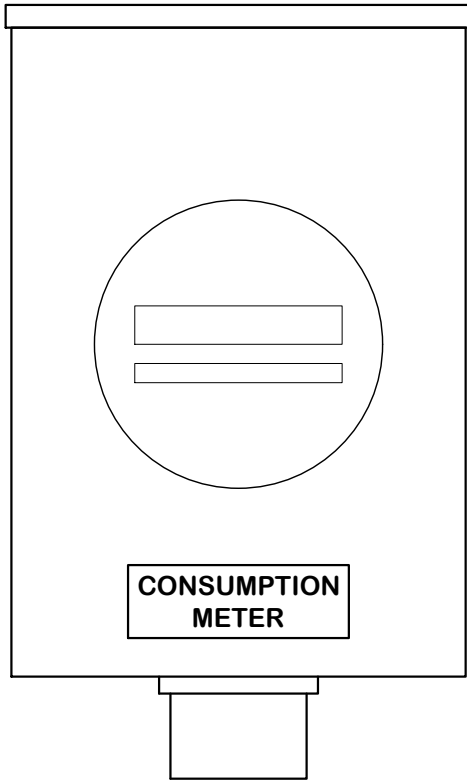
NOTES:

1. SYSTEM SHALL NOT ENERGIZE A DEAD BUS SYSTEM.
2. M1 IS THE METER FOR THE RESIDENTIAL SERVICE.
3. M2 IS THE METER FOR THE RENEWABLE ENERGY INPUT TO THE SYSTEM.
4. INVERTER/ISOLATION SYSTEM TO BE UL 1741 LISTED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NFPA 70).
5. THE ISOLATION SWITCH BY THE CUSTOMER TO BE SIZED PER NATIONAL ELECTRIC CODE MINIMUM SIZE = 100 AMPS. SWITCH SHALL BE LOCKABLE IN THE OPEN POSITION.
6. CONNECT COC SERVICE TO THE TOP LUGS OF CONSUMPTION METER BASE AND THE BOTTOM OF THE GENERATOR METER BASE



CITY OF CONCORD ELECTRIC SYSTEMS
RENEWABLE ENERGY INTERCONNECTION
INSTALLATION DIAGRAM
FOR SYSTEMS LESS THAN 20KW CAPACITY
BATTERY STORAGE

Dwg. Name:	
Scale:	None
Revision Date:	
Revision Date:	05/17/19
Sheet:	3 Of: 4



NOTES:

1. MINIMUM TEXT HEIGHT OF 3/8".
2. SIGNAGE SHALL BE MADE OF PLASTIC AND UTILIZE EMBOSSED LETTERING.
3. SIGNAGE SHALL BE PERMANENTLY AFFIXED TO METER BASE COVER.



CITY OF CONCORD ELECTRIC SYSTEMS
 SOLAR PANEL INTERCONNECTION
 METER BASE LABELING DIAGRAM
 FOR SYSTEMS LESS THAN 20KW CAPACITY

Dwg. Name:
Scale: None
Revision Date:
Revision Date: 05/17/19
Sheet: 4 Of: 4