

**A** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 4

**CAUTION**

POWER TO THIS SERVICE IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH DISCONNECTS LOCATED AS SHOWN

5"

68"

(NOTE 1)

**B** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 2

**PHOTOVOLTAIC SYSTEM INVERTER AC DISCONNECT SWITCH**

**WARNING**  
ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION.

AC DISCONNECT RATING:  
OPERATING CURRENT: 2500 AMPS (FLA)  
OPERATING VOLTAGE: 600 VOLTS

(NOTE 1)

3 1/2"

5"

**B1** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 1

**PHOTOVOLTAIC SYSTEM INVERTER DC DISCONNECT SWITCH (PER NEC 690.53)**

**WARNING**  
ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION.

DC DISCONNECT RATING:  
MAX. POWER POINT CURRENT: 3666 AMPS  
MAX. POWER POINT VOLTAGE: 672 VOLTS  
SHORT CIRCUIT CURRENT: 3666 AMPS  
MAX. SYSTEM VOLTAGE: 1278 VOLTS

(NOTE 1)

3 1/2"

5 1/2"

**B2** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 1

**PHOTOVOLTAIC SYSTEM INVERTER DC DISCONNECT SWITCH (PER NEC 690.53)**

**WARNING**  
ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION.

DC DISCONNECT RATING:  
MAX. POWER POINT CURRENT: 3669 AMPS  
MAX. POWER POINT VOLTAGE: 672 VOLTS  
SHORT CIRCUIT CURRENT: 3614 AMPS  
MAX. SYSTEM VOLTAGE: 1329 VOLTS

(NOTE 1)

3 1/2"

5 1/2"

**B3** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: C5-1 THRU 37

**PHOTOVOLTAIC SYSTEM COMBINER BOX DC DISCONNECT SWITCH (PER NEC 690.53)**

**WARNING**  
ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION.

DC DISCONNECT RATING:  
MAX. POWER POINT CURRENT: 192 AMPS  
MAX. POWER POINT VOLTAGE: 672 VOLTS  
SHORT CIRCUIT CURRENT: 206 AMPS  
MAX. SYSTEM VOLTAGE: 1278 VOLTS

(NOTE 1)

3 1/2"

5 1/2"

**B4** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: C5-38

**PHOTOVOLTAIC SYSTEM COMBINER BOX DC DISCONNECT SWITCH (PER NEC 690.53)**

**WARNING**  
ELECTRIC SHOCK HAZARD. DO NOT TOUCH TERMINALS. TERMINALS ON BOTH THE LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION.

DC DISCONNECT RATING:  
MAX. POWER POINT CURRENT: 186 AMPS  
MAX. POWER POINT VOLTAGE: 672 VOLTS  
SHORT CIRCUIT CURRENT: 113 AMPS  
MAX. SYSTEM VOLTAGE: 1329 VOLTS

(NOTE 1)

3 1/2"

5 1/2"

**E** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 1

**NOTICE**

**PHOTOVOLTAIC AC SYSTEM DISCONNECT FOR UTILITY OPERATION**

(SEE NOTE 2)

5"

5"

**G** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 1

**CUSTOMER OWNED PARALLEL GENERATION SAFETY DISCONNECT SWITCH IS LOCATED AT**

(NOTE 1)

4"

5"

**H** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 6

**WARNING**

**ONLY EQUIPMENT ASSOCIATED WITH THE PHOTOVOLTAIC SYSTEM MAY BE CONNECTED TO THIS PANEL**

4"

2 1/2"

**F** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 1

**PHOTOVOLTAIC GENERATION METER**

(NOTE 1)

2 1/2"

3 1/2"

**M** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 2

**INVERTER INV-X**

NOTE: ONE LABEL REQUIRED FOR EACH INVERTER. USE APPROPRIATE DESIGNATION FOR EACH LABEL. (NOTE 1)

3 1/2"

3 1/2"

**N** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 44

**WARNING**

**ELECTRIC SHOCK HAZARD**

**THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED**

(PV LABEL 05-104)

4"

5 1/2"

**X** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 6

**TRANSFORMER T-X**

NOTE: ONE LABEL REQUIRED FOR EACH TRANSFORMER. USE APPROPRIATE DESIGNATION FOR EACH LABEL. (NOTE 1)

3 1/2"

3 1/2"

**S** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 38

**DC COMBINER BOX CB-X**

NOTE: ONE LABEL REQUIRED FOR EACH COMBINER BOX. USE APPROPRIATE DESIGNATION FOR EACH LABEL. (NOTE 1)

3 1/2"

3 1/2"

**T** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 38

**WARNING**

**DC COMBINER BOX**

(PV LABEL 05-337)

4"

3 1/2"

**D** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 6

**WARNING**

**ELECTRIC SHOCK HAZARD**

**TERMINALS ON BOTH LINE AND LOAD SIDE MAY BE ENERGIZED IN THE OPEN POSITION**

4"

5 1/2"

**U** LABEL LOCATION REF. SIGNAGE REQ. REQUIRED LABEL QUANTITY: 2

**NEUTRAL GROUNDING RESISTOR NGR-X**

NOTE: ONE LABEL REQUIRED FOR EACH NEUTRAL GROUNDING RESISTOR. USE APPROPRIATE DESIGNATION FOR EACH LABEL. (NOTE 1)

3 1/2"

3 1/2"

**GENERAL NOTES FOR LABELING AND MARKING EQUIPMENT:**

1. TEXT LABELS WILL BE ETCHED WITH WHITE GRAPHICS ONTO 1/16" RED PLASTIC PLACARDS. THE LABEL WILL BE ATTACHED TO THE APPROPRIATE COMPONENT ENCLOSURES IN CONSPICUOUS PLACES USING HEAVY DUTY TWO-SIDED TAPE.

SIGNAGE REQUIREMENTS		
A	MV SIDE OF TRANSFORMERS, UTILITY PV DISCONNECT SWITCH (GOAB)	3
B	INVERTER INV-1 THRU 2 AC DISCONNECT SWITCH	2
B1	INVERTER INV-1 DC DISCONNECT SWITCH	1
B2	INVERTER INV-2 DC DISCONNECT SWITCH	2
B3	PV SYSTEM COMBINER BOX DC DISCONNECT SWITCH C5-1 THRU 37	37
B4	PV SYSTEM COMBINER BOX DC DISCONNECT SWITCH C5-38	1
D	MV SWITCHGEAR, LV SWITCHBOARD (FRONT & BACK), TRANSFORMER, INVERTER DC COMBINER, COMBINER BOXES	44
E	UTILITY PV DISCONNECT SWITCH (GOAB)	1
F	PV SUB-METER ENCLOSURE	1
G	UTILITY Co. METER	1
H	PV-AC PANEL	4
M	INVERTER INV-1 THRU INV-2	2
N	COMBINER BOX WARNING LABELS	40
Q	TRANSFORMER T1 THRU T4	4
R	NGR-1 & NGR-2	2
S	COMBINER BOX	38
T	COMBINER BOX	38
U	NEUTRAL GROUNDING RESISTOR NGR-X	2
X	TRANSFORMER	4

100-031000

100-031000

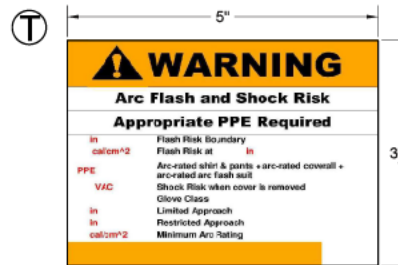
EQUIPMENT LABELS

100-031000

E600



**(R)** INSTALL SIGNAGE ON FENCE AT 100'-0" MAX. ON CENTERS, MINIMUM ONE SIGN PER SECTION/SIDE OF FENCE. SETON (1) 14" X 10" PLASTIC SIGN THAT READS "NOTICE - NO TRESPASSING ON THIS PROPERTY UNDER PENALTY OF LAW", SETON #77821.



NOTE: ARC FLASH LABELS PROVIDED BY DYNAMIC ENERGY BASED ON ARC FLASH STUDY RESULTS.



**(S)** INSTALL SIGNAGE ON FENCE AT 100'-0" MAX. ON CENTERS, MINIMUM ONE SIGNS PER SECTION/SIDE OF FENCE. (1) 7" X 10" PLASTIC ANSI Z535 SAFETY SIGN THAT READS "DANGER- HIGH VOLTAGE - KEEP OUT"; SETON #70532

SIGNAGE REQUIREMENTS		
SIGN TYPE	LOCATION	QUANTITY REQUIRED
R	NO TRESPASSING SIGN (SETON #77821)	TBD
S	DANGER HIGH VOLTAGE (SETON #70532)	TBD
T	DANGER - ARC FLASH (SETON #84312)	SEE NOTE

