

BATTERY MOUNTING NOTES:

REQUIRED:

1. THERE MUST BE NO HIGHLY FLAMMABLE OR EXPLOSIVE MATERIALS NEARBY.
2. THE AMBIENT TEMPERATURE SHOULD BE WITHIN THE RANGE OF 14 ~ 113°F (-10 ~ 45°C)
3. BATTERY PACK MUST BE INSTALLED ON WALLS THAT ARE UPRIGHT AND CAN SUPPORT BATTERY WEIGHT.
4. PRODUCT CAN BE INSTALLED INDOORS (EX. BASEMENT OR GARAGE); OR, OUTDOORS BUT MUST BE INSTALLED UNDER AN EAVE AND OUT OF DIRECT SUNLIGHT.

CAUTION

- IF THE AMBIENT TEMPERATURE IS OUTSIDE THE OPERATING RANGE, THE BATTERY PACK STOPS OPERATING TO PROTECT ITSELF.
- THE OPTIMAL TEMPERATURE RANGE FOR THE BATTERY PACK TO OPERATE IS FROM 59 TO 86°F (15 TO 30°C).
- FREQUENT EXPOSURE TO HARSH TEMPERATURES MAY DETERIORATE THE PERFORMANCE AND LIFE OF THE BATTERY PACK.

RECOMMENDED:

1. THE BUILDING SHOULD BE DESIGNED TO WITHSTAND EARTHQUAKES.
2. THE WATERPROOF AND PROPERLY VENTILATED AREA IS RECOMMENDED. (IP55)
3. INSTALL THE PRODUCT ON A FLAT WALL.
4. INSTALL THE PRODUCT OUT OF REACH OF CHILDREN AND ANIMALS.

GENERAL NOTE:

THE BATTERY IS RATED FOR INDOOR (WALL-MOUNTED)/ OUTDOOR INSTALLATION.

INGRESS RATING: IP55

IP55 RATED ENCLOSURE CHARACTERISTICS:

1. PROTECTION FROM DIRT, DUST, OIL AND OTHER NON-CORROSIVE MATERIAL.
2. COMPLETE PROTECTION FROM CONTACT WITH ENCLOSED EQUIPMENT.
3. PROTECTION FROM WATER, UP TO WATER PROJECTED BY NOZZLE AGAINST ENCLOSURE FROM ANY DIRECTION.

NOTES:

1. RECOMMEND FUSES IN STOREDGE INVERTER:
- 25A 600VDC QUICK-ACTING, 10x38MM SOLAR MIDGET FUSES (EXAMPLE: LITTELFUSE P/N OSPF025)
2. EXTERNAL COMBINER BOX IS NEEDED TO SUPPORT TWO BATTERIES
3. AUTO-TRANSFORMER CONNECTIONS:
- 6' MAX
- VERTICAL MOUNTING ONLY (CONDUIT CONNECTION FROM THE BOTTOM)
- USE 10 AWG WIRE FOR GROUNDING
4. BATTERY CONNECTION:
- 35' MAX
- DISTANCE LARGER THAN 5' REQUIRES INSTALLATION OF EXTERNAL DC SAFETY SWITCH ON THE BATTERY SIDE
5. INSTALL TYPE B 2-POLE 25A MAIN CIRCUIT BREAKER ON BACK-UP LOAD PANEL TO ENSURE THE 25A PHASE LIMIT IMBALANCE IS MAINTAINED AT ALL TIMES.
6. BATTERY CONTROL CONNECTION:
- CONTROL [B-, A+] MUST BE TWISTED PAIR
7. INSTALL THE GFDI IN ACCORDANCE WITH APPLICABLE LOCAL STANDARDS AND DIRECTIVES.
8. MINIMUM CLEARANCE FOR LGCHEM BATTERY SHOULD BE 12" ON RIGHT, LEFT & TOP AND 24" FROM THE FLOOR.

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REVISIONS		
DESCRIPTION	DATE	REV

Signature with Seal

DATE: 01/06/2020

PROJECT NAME & ADDRESS

**DWIGHT BLAKEY
 RESIDENCE**
 15024 ASHTON RD,
 DETROIT, MI 48223

DESIGNED BY

PHS

SHEET NAME

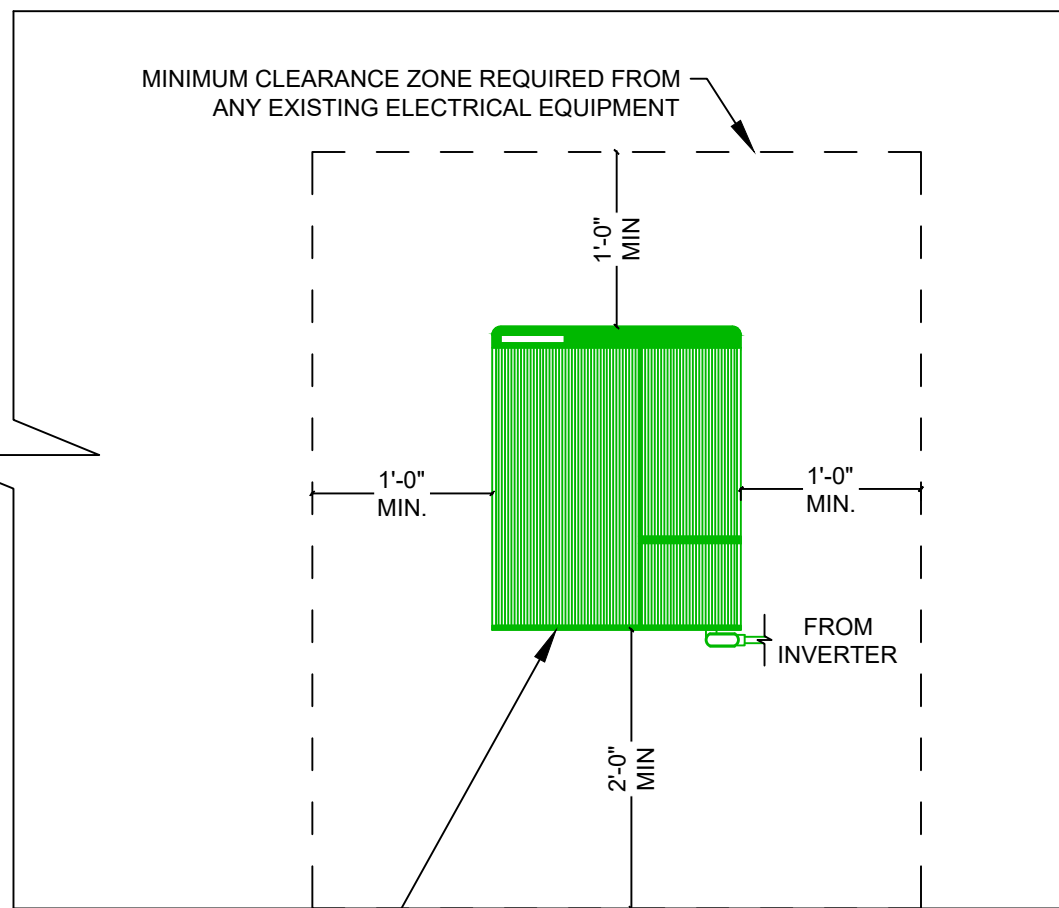
**EQUIPMENT
 ELEVATION**

SHEET SIZE

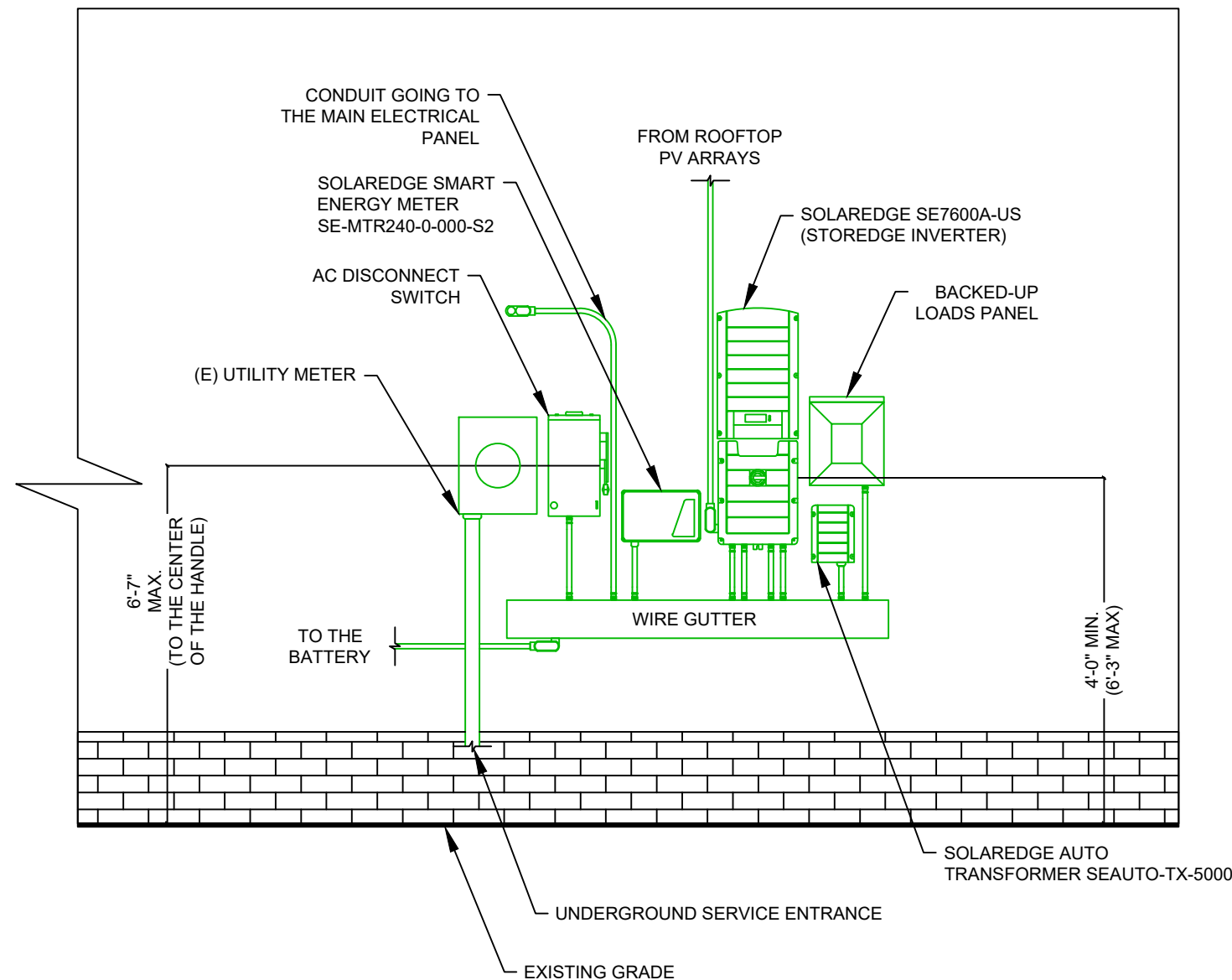
**ANSI B
 11" X 17"**

SHEET NUMBER

PV-4(A)



LG CHEM RESU10H BATTERY



2 GENERIC EQUIPMENT ELEVATION

PV-4(A) SCALE: NTS

1 GENERIC BATTERY ELEVATION

PV-4(A) SCALE: 1/2" = 1'-0"