



INSTALLATION NOTE:
 SOLAR DETAIL IS TO BE USED FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL CONSTRUCTION AND SAFETY CODES FOR INSTALLATION OF THE SOLAR PANEL.

SOLAR PANEL LOCATION NOTE:
 THE DISTANCE FROM SOLAR PANEL POLE TO SOLAR ASSEMBLY ENCLOSURE SHALL BE NO GREATER THAN 12'.

CABLE AND WIRE NOTE:
 ALL CABLES AND ELECTRICAL WIRES MUST BE RUN IN CONDUIT.

GROUNDING NOTE:
 GROUND ROD SHALL BE LOCATED BETWEEN 8'-12' AWAY FROM ENCLOSURE UNLESS OTHERWISE SPECIFIED. A 10" ROUND VALVE BOX SHALL BE INSTALLED OVER THE GROUND ROD FOR LOCATION AND MAINTENANCE PURPOSES.

- ① STRONGBOX STAINLESS STEEL NEMA 3R RAINPROOF ENCLOSURE AND SOLAR ASSEMBLY BY SITEONE GREEN TECH.
- ② POWER INVERTER.
- ③ CHARGE CONTROLLER.
- ④ 4" GALVANIZED POLE X 15' (HEIGHT ABOVE CONCRETE NOT TO EXCEED 10')
- ⑤ FINISHED GRADE.
- ⑥ 6" MIN THICK, CONCRETE PAD WITH ANCHOR BOLTS PER MANUFACTURER RECOMMENDATIONS.
- ⑦ 1-1/2" ELECTRICAL CONDUIT AND SWEEP ELL FOR 120 VAC POWER LINE TO CONTROLLER.
- ⑧ 1-1/2" PVC CONDUIT AND SWEEP ELL WITH #6 GROUND WIRE TO EXTERNAL GROUND ROD LOCATION.
- ⑨ UL LISTED 5/8" x 8' GROUND ROD WITH #6 GROUND WIRE AND CLAMP INSTALLED INSIDE 10" ROUND VALVE BOX.
- ⑩ BATTERIES FOR POWER STORAGE. NUMBER OF BATTERIES BASED ON POWER REQUIREMENT.
- ⑪ MINIMUM 20" DIAMETER X 60" DEEP CONCRETE POST
- ⑫ ANCHOR BOLTS PROVIDED WITH ENCLOSURE.
- ⑬ 1" ELECTRICAL CONDUIT AND SWEEPS FOR SOLAR POWER CABLES
- ⑭ MOUNT SOLAR PANEL ON GALVANIZED POLE WITH BRACKET PROVIDED. POLE NOT INCLUDED.
- ⑮ SOLAR COMBINER BOX WITH BREAKERS MOUNTED TO POLE.
- ⑯ GALVANIZED END CAP.

18"W x 36"H, STRONGBOX: SB-18SS OR SB-18DSS
 FRONT ENTRY WITH CONCRETE BASE

① SOLAR ASSEMBLY - 250 SERIES

