

FIG. 1  
(CC 11-D-0707)  
400-4000A  
(See Note 7)

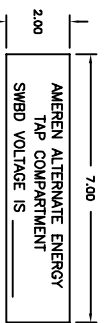
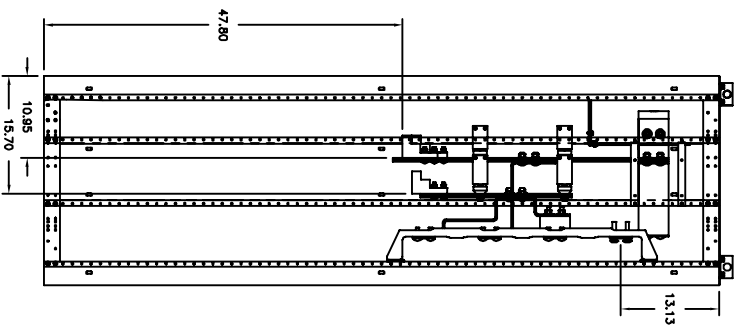
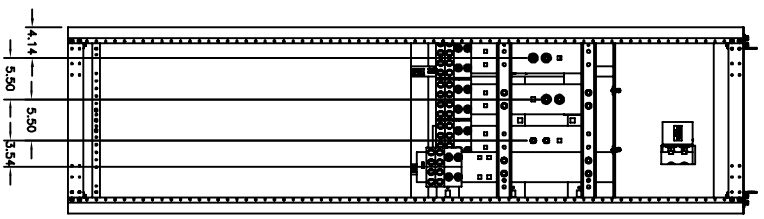
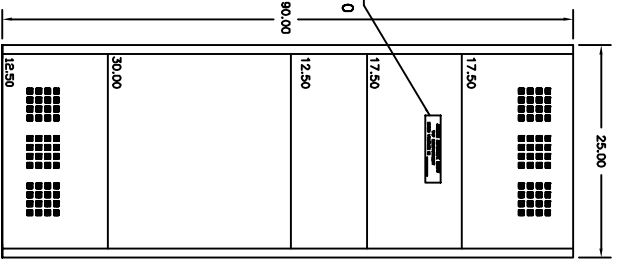


FIG. 2  
ALTERNATE ENERGY TAP PLACARD  
SEE NOTE 10



FRONT COVER ASSY  
(17-D-5007-02)  
FIG. 3

SEE NOTE 11

- NOTES:
1. ALL DIMENSIONS ARE SHOWN IN INCHES.
  2. THIS DESIGN IS APPLICABLE FOR AMEREN SOLAR TAP COMPARTMENT.
  3. ALL DIMENSIONS SHALL BE CONSIDERED TO BE MINIMUM.
  4. THE AMEREN ALTERNATE ENERGY TAP SECTION CAN BE INVERTED FOR BOTTOM OR TOP FED APPLICATIONS.
  5. THE AMEREN ALTERNATE ENERGY TAP SECTION SHALL BE COMPLETELY ISOLATED FROM THE REMAINDER OF THE SWBD BY BARRIERS.
  6. QUANTITY & SIZE OF ALUM. & COPPER BUS BARS SHALL BE PER UL 881 OR MANUFACTURER'S LISTED SIZES BASED ON TEMPERATURE RISE TESTING.
  7. A MINIMUM SECTION DEPTH OF 28" WILL BE UTILIZED WHEN THE BUS IS REQUIRED. USE CODE CHART 11-D-0707 FOR LV AUX PULL SECTION ASSEMBLES.
  8. SWITCHBOARD SECTION SHOULD BE UL LISTED.
  9. AMEREN CT UTILITY COMPARTMENT AND UN-METERED BUS AREA WILL BE BUILT TO AMEREN UTILITY SPEC 1S-8500-21 SH. 1.
  10. AMEREN TAP SECTION SHALL BE IDENTIFIED WITH A PLACARD. THIS SHALL INCLUDE UTILITY NAME, ALTERNATE ENERGY TAP DESIGNATION & SWBD VOLTAGE. SEE (FIG. 2). PLACARD IS TO BE AN ENGRAVED LAMICOD NAMEPLATE, BACK WITH WHITE LETTERING. PLACARD WILL BE AFFIXED WITH SCREWS.
  11. THE SIDE & REAR COVERS OF THE SOLAR TAP COMP'T. SHALL BE SEALED USING A #10-24 CARRIAGE BOLT & NUT AT OPPOSITE CORNERS OF THE COVER. FRONT COVERS SHALL BE SEALED WITH SEALING SCREWS AND WING NUTS, TWO PER COVER LOCATED ON OPPOSITE CORNERS.
  12. AMEREN ALTERNATE ENERGY TAP SECTION WILL BE LOCATED DOWNSTREAM OF UTILITY METERING SECTION, BUT BEFORE CUSTOMER MAIN SERVICE DISCONNECT.

1600A SECTION SHOWN

Ameren Approved Switchboard - Siemens CT / PT Compartment  
208Y/120V, 480Y/277V, 1201 - 4000 Amperes  
Reference: Siemens # 1S-8500-21C

Rev	C.N.	Date	Unless otherwise specified dimensions are in inches Tolerances are non-cumulative and are as follows unless specified otherwise.
02	1E-379D	1-27-22	XX ± .030 .XXX ± .015 Angular ± 2°
01	1E-379C	11-16-21	
00	1E-422H	1-19-21	
Rev	Do not scale drawing		
App'd	MKW	Date 1-20-21	
Chk	JY	Date 1-23-21	
RHR		Date 1-25-21	

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AMEREN ALTERNATE ENERGY TAP COMPARTMENT STANDARD	Dwg No. <b>1S-8500-21C</b>
Scale <b>NONE</b>	Sheet <b>1</b> of <b>1</b>
	Rev <b>02</b>