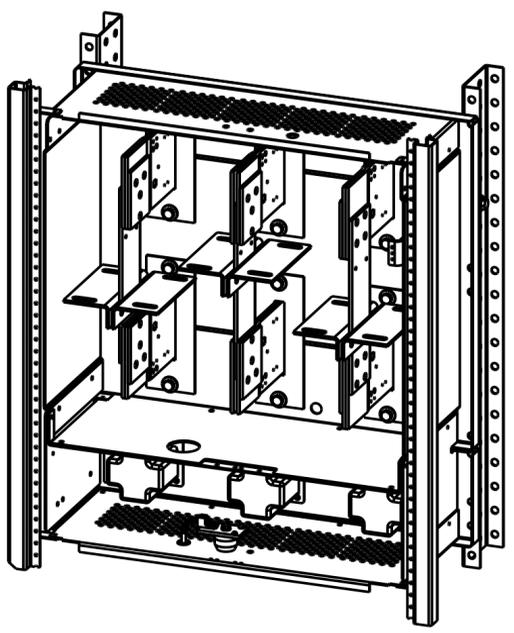
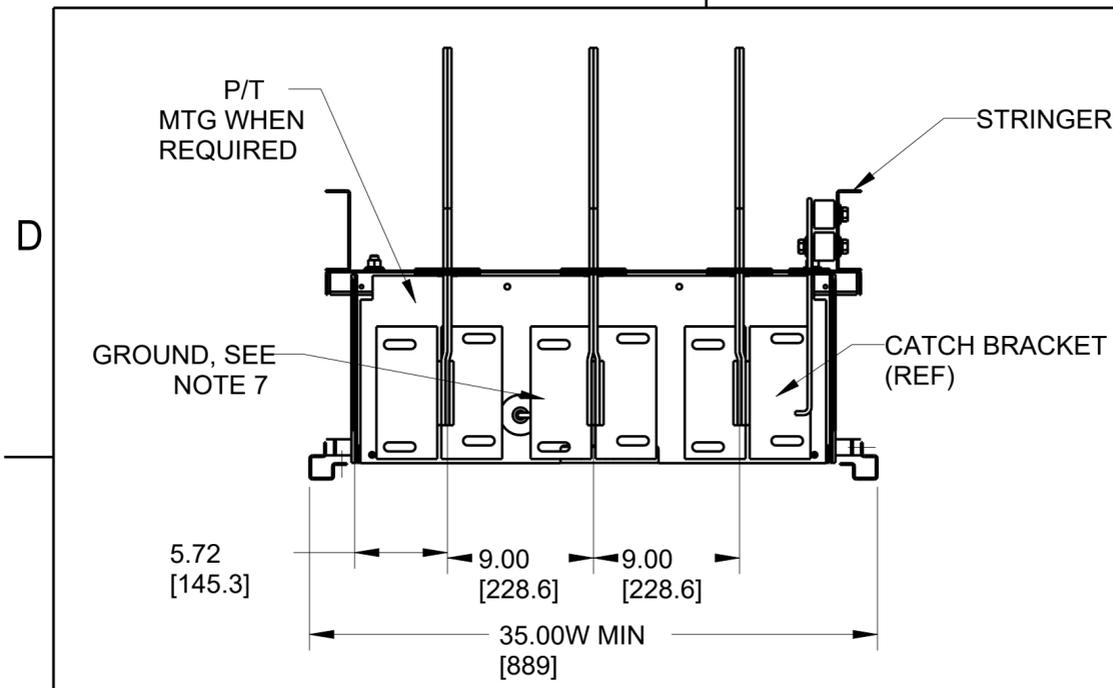


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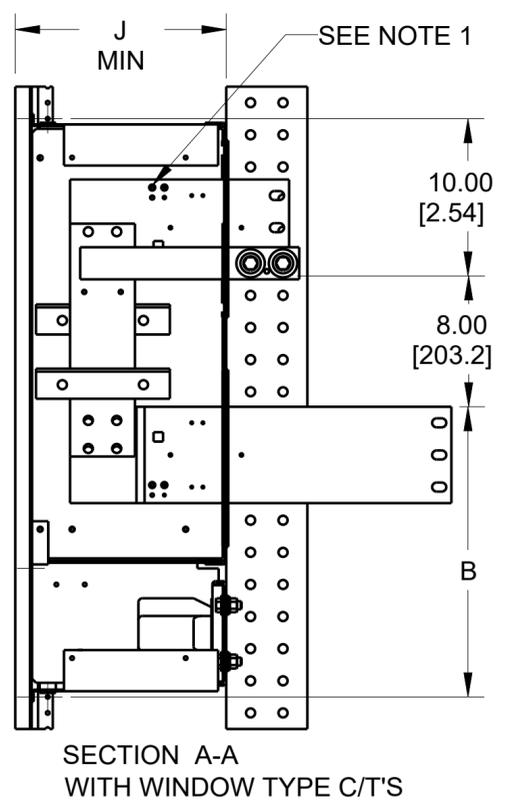
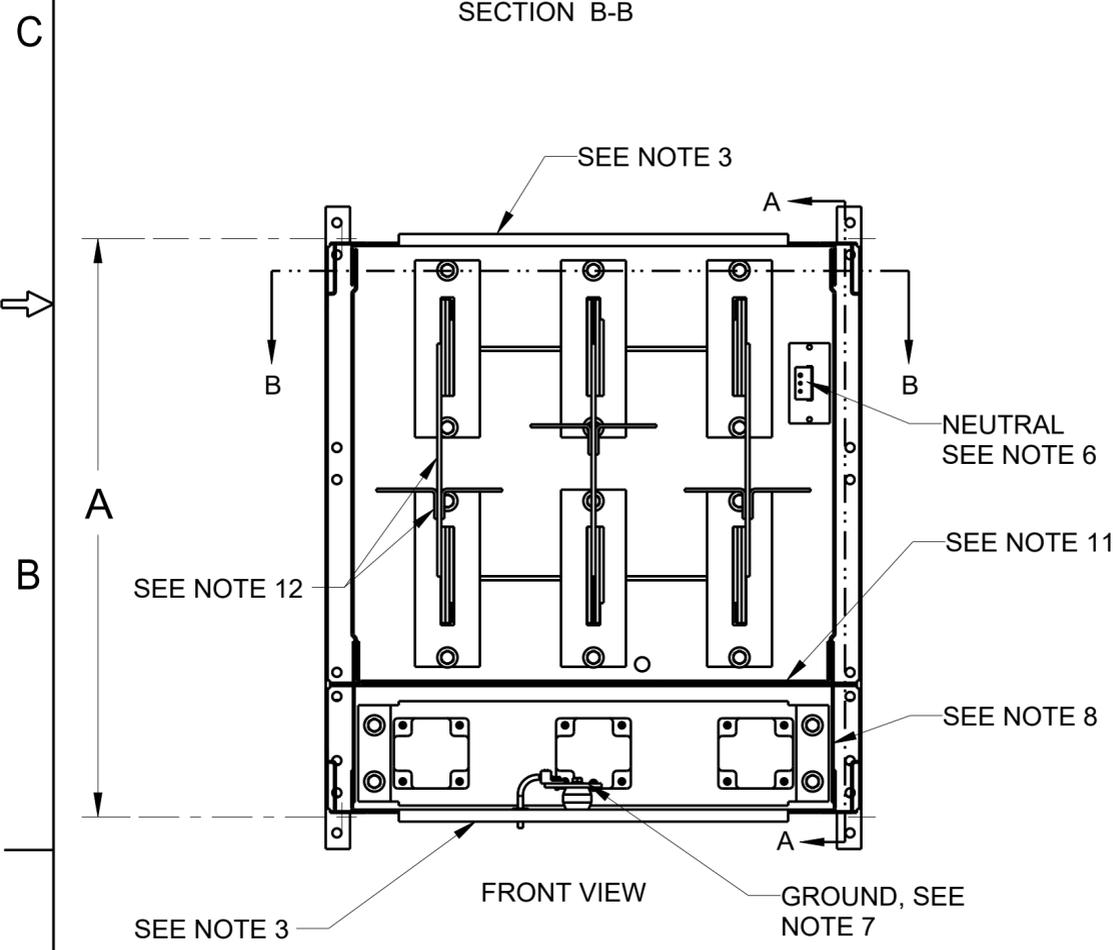
Ameren Approved Switchboard - ABB / GE CT / PT Compartment
208Y/120V, 480Y/277V, 1201 - 4000 Amperes
Reference: ABB / GE #75C143991 - Sheet 82

3	R0904623	04/03/09	RS
4	R1005610	05/12/10	GV
5		02/10/22	JRO



SPECIFICATIONS:

- POTENTIAL TAPS 10-32 & 1/4-20 SUPPLIED WITH ROUND HEAD SCREW ON THE LINE (SUPPLY) SIDE.
- BUS SIZES AND AMPERAGE RATINGS FOR C/T LINKS, WHEN PROVIDED, TO BE AS SHOWN IN CHART. ALUMINUM BUS IS STANDARD. COPPER BUS IS OPTIONAL.
- ALUMINUM BARRIERS FURNISHED AT TOP, BOTTOM, SIDES AND REAR.
- PROVISIONS FOR LARGE WINDOW C/T'S, FOR SERVICES 1201A THRU 4000A SHOWN.
- SEPARATE DOORS SHALL BE PROVIDED FOR THE CT AND PT COMPARTMENT. EACH CT AND PT COMPARTMENT'S DOORS ARE REQUIRED WITH SEALING PROVISIONS AND PADLOCK HASP OVER THE RESPECTIVE CT OR PT COMPARTMENT.
- NEUTRAL TAP, BUSSED TO THE SWITCHBOARD NEUTRAL IS PROVIDED WITH 1/4-20 TAP, 10-32 TAP AND 1/0 TO #10 LUG.
- GROUND TAP, CONNECTED TO THE SWITCHBOARD GROUND WITH #6 AWG CABLE, IS PROVIDED WITH 1/4-20 TAP AND 10-32 TAP. GROUND CABLE IS MARKED WITH GREEN INSULATING TAPE.
- MANDATORY POTENTIAL TRANSFORMER MOUNTING PROVISIONS PROVIDED IN AN 8.00" [203.2mm] EXTENSION FOR VOLTAGES 480Y/277V. SEE DIMENSION PT TABLE.
- BRACING REQUIRED FOR 100kA AND ABOVE.
- DIMENSIONS SHOWN IN INCHES AND MILLIMETERS IN BRACKETS.
- INSULATION BARRIER PROVIDED BETWEEN CT AND PT COMPARTMENT 1" DIAMETER HOLE WITH BUSHINGS PROVIDED FOR WIRE ROUTING. (REFER 10090437PV1).
- LINKS & MTG. BRKT WILL BE FURNISHED FOR WINDOW TYPE C/T'S.
- UTILITY ALLOWS UPTO 3000A SERVICES. GE/ABB CAN OFFER MAX 4000A.
- BOTTOM OF CT/PT SECTION SHALL BE NO LOWER THAN 24" FROM BOTTOM OF SWITCHBOARD.
- TOP OF CT COMPARTMENTS SHALL BE NO HIGHER THAN 78" FROM BOTTOM OF SWITCHBOARD.
- AMEREN DOES NOT ALLOW CORNER GROUNDED SYSTEMS GREATER THAN 600 AMPS.



DIMENSION PT TABLE

	A	B
WITH PT'S	36.00[914.4]	18.00[457.2]
WITHOUT PT'S	28.00[711.2]	10.00[254]

NOTE:
 SEE JOB DWG. FOR ACTUAL DIMENSIONS WHERE MIN. DIMENSIONS ARE SHOWN.

CT COMPT CODE = AC

AMPS	VERTICAL LINK MATERIAL		J
	COPPER	ALUMINUM	
1201-1600	(2) 4" X .242	(3) 4" X .250	13
2000	(2) 4" X .242	(3) 4" X .250	13
2500	(3) 4" X .242	(4) 4" X .250	13
3000	(3) 4" X .242	(4) 4" X .250	13
4000	(4) 4" X .242	(6) 4" X .250	18

Part must conform to SI 900000
 Sect. 4, Toxicity Procedure

FOR ADDITIONAL INFO REFER TO:	SIGNATURES	DATE
APPLIED PRACTICES	---	10/4/07
DIMENSIONS ARE IN INCHES	---	---
UNLESS OTHERWISE SPECIFIED IN DRAWING	---	---
TOLERANCE ON: 1 PL DECIMALS ± 0.1 2 PL DECIMALS ± 0.03 3 PL DECIMALS ± 0.010 ANGLES ± 0.5	---	---
FRACTIONS ±	---	---
FINISH	---	---
CRITICAL TO QUALITY CHARACTERISTIC	---	---

GE INDUSTRIAL SOLUTIONS
 by ABB

TITLE
AMEREN 1201-4000A WITH WINDOW TYPE CT SWITCHBOARD

SIZE: **C** DRAWING: **75C143991** REV: **5**

DRAWING FILE: 75C143991SH82
 SOLID MODEL: 75C143991SH82

SCALE: 0.125 SHEET 82

