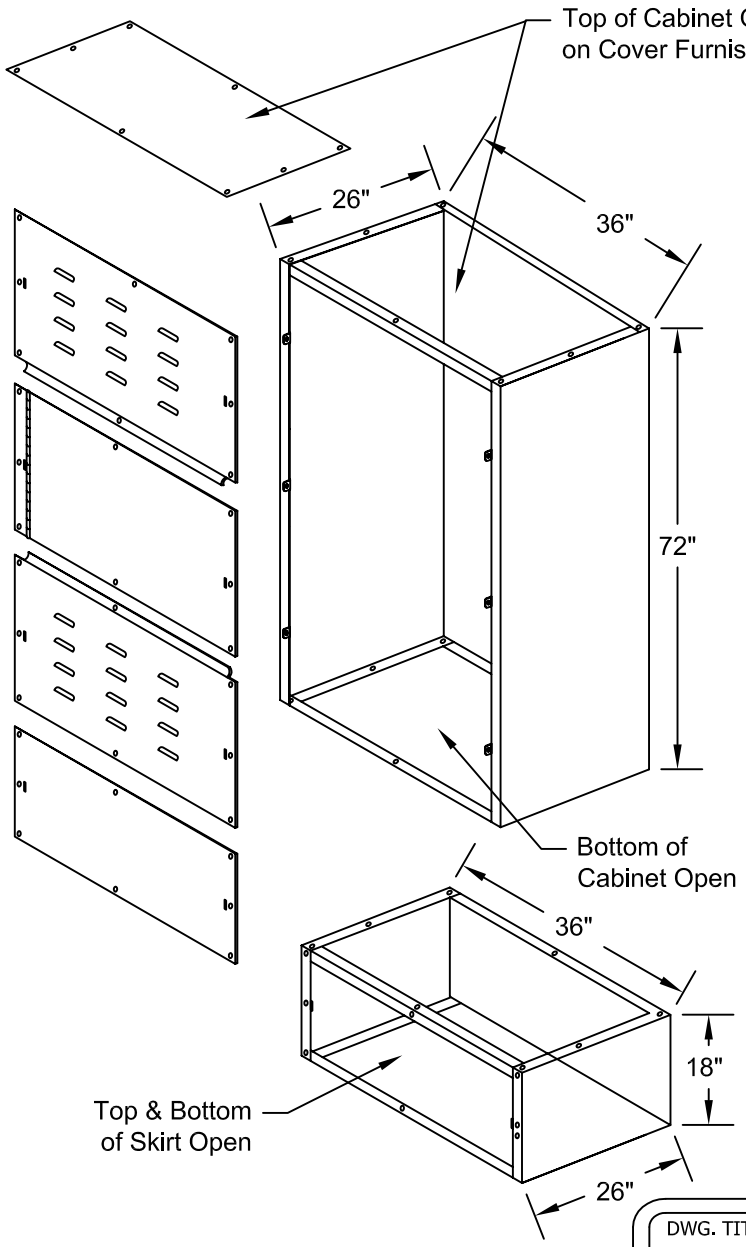
Pre-Approved PHICT301 Metering Busbar Construction / 2001-3000 Amp



PHICT301 3-Phase Metering C/T Cabinet / 2001-3000Amp / NEMA 1

- C/T cabinets are constructed with all welded seams. Material is 12Ga. galvannealed sheet steel, conforming with ASTM A-653 and Powder Coat, ANSI 61.
- Busbars are fabricated from Silver Plated Copper and aluminum alloy. (Ref. drawing # PHICT-301-3)
- Busbar supports are molded of UL recognized flame resistant fiber glass reinforced compound.
- Cabinets are provided with removable access panels top and bottom. Mid-section has hinged door for access to C/T's. Panels and door are supplied with utility seal tabs.
- PHI C/T cabinets are constructed in accordance with UL and NEMA 1 specifications & PHI drawings 7-5-0606 & 7-5-0695.
- 18" Skirt is provided with cabinet w/ screwed on cover, can be used as header box w/ additional screw on cover for top.

PHICT Part #	AMPERAGE RATING	ENCLOSURE			BUSSING			NO. LANDINGS	
		W	H	D	CT THRU BAR	LINE/LOAD	NEUTRAL	LINE	LOAD
PHICT151	801-1500	36"	72"	19"	CU- (2) 1/4"x 4"	AL- (2) 1/4"x 4"	AL- (1) 1/4"x 4"	8	4*
PHICT201	1501-2000	36"	72"	26"	CU- (3) 1/4"x 4"	AL- (3) 1/4"x 4"	AL- (2) 1/4"x 4"	14	14
PHICT301	2001-3000	36"	72"	26"	CU- (4) 1/4"x 4"	AL- (6) 1/4"x 4"	AL- (2) 1/4"x 4"	14	14
PHICT401	3001-4000	48"	72"	26"	CU- (4) 1/4"x 5"	AL- (6) 1/4"x 6"	AL- (2) 1/4"x 4"	14	14

Optional kit available, kit provides equal load landings as line side landings

DWG. TITLE:	3-Phase Metering CT Cabinet NEMA 1 / 3000 Amp
DWG. NO.:	PHICT-301-1
MATERIAL:	ASTM A653 Galvanealed
FINISH:	Painted Gray

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REV.:		DATE:	
REV.:		DATE:	

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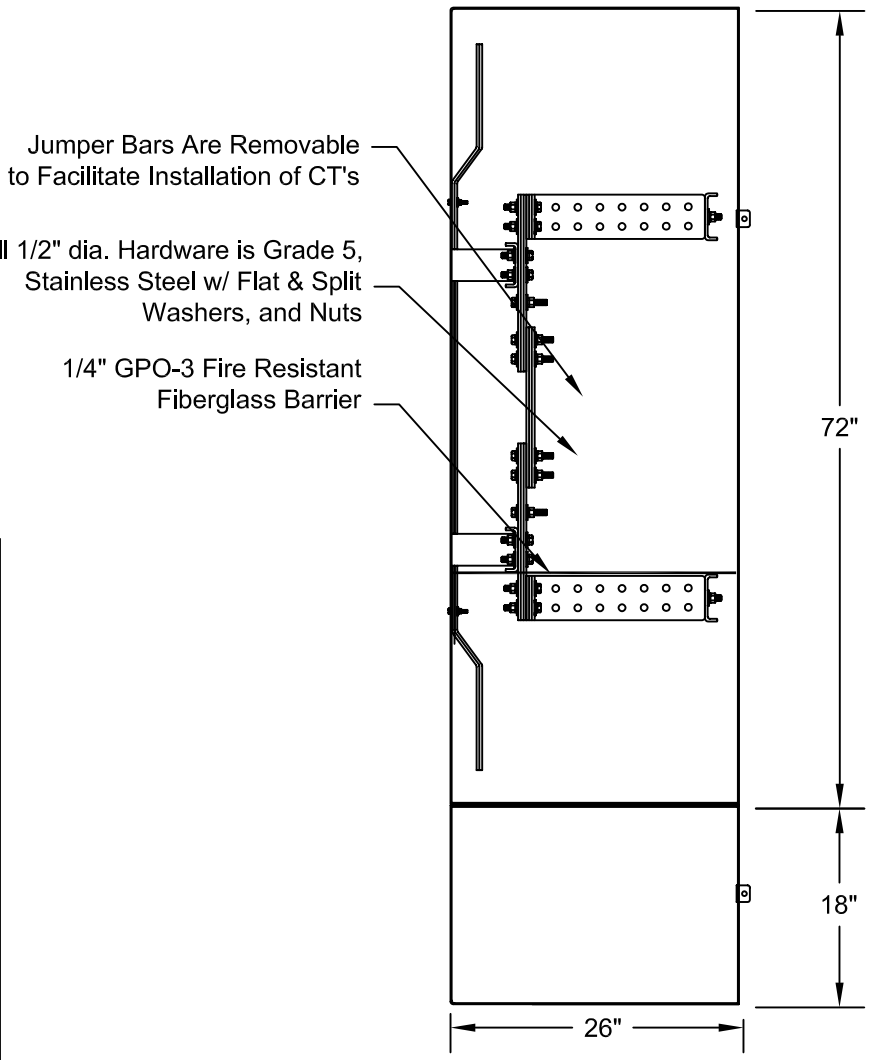
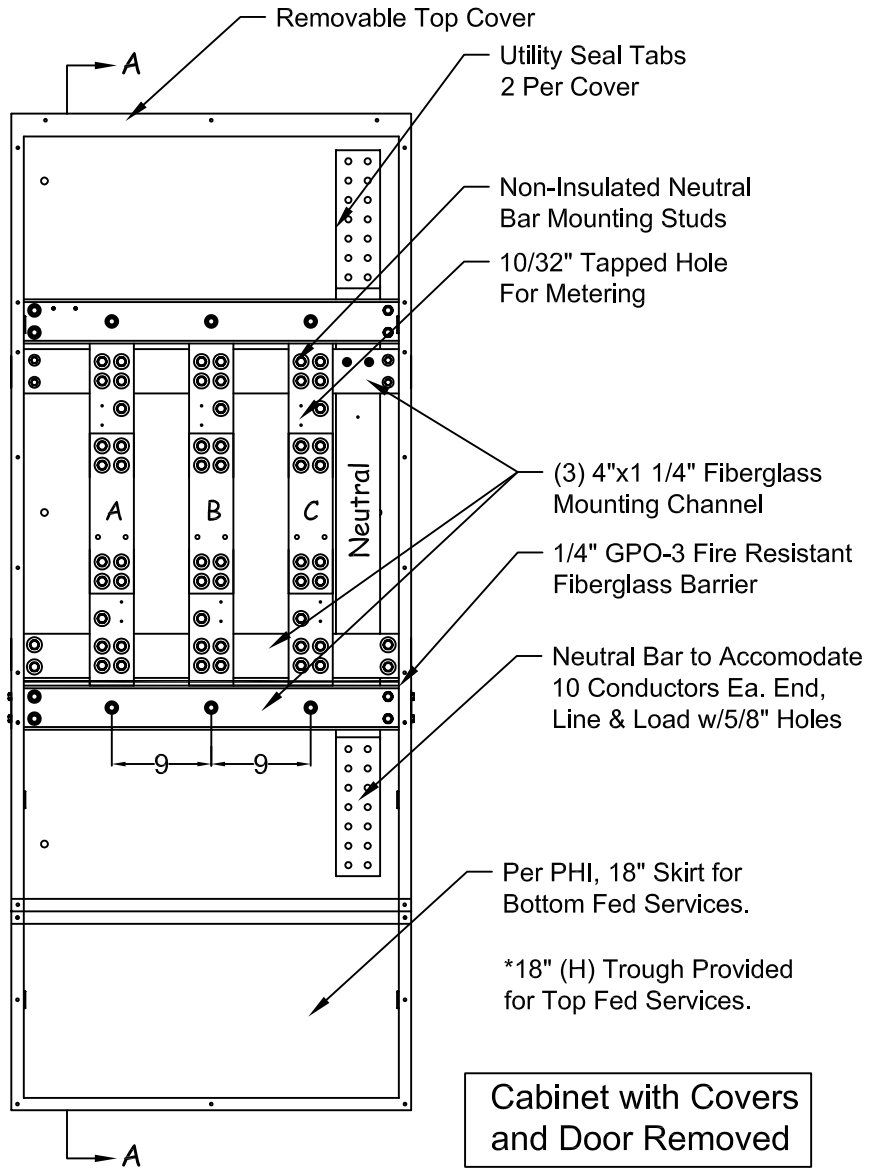
Pre-Approved PHICT301 Metering Busbar Construction / 2001-3000 Amp



Section A-A



Cabinet with Covers and Door Removed

DWG. TITLE:	3-Phase Metering CT Cabinet NEMA 1 / 3000 Amp
DWG. NO.:	PHICT-301-2
MATERIAL:	ASTM A653 Galvanealed
FINISH:	Painted Gray

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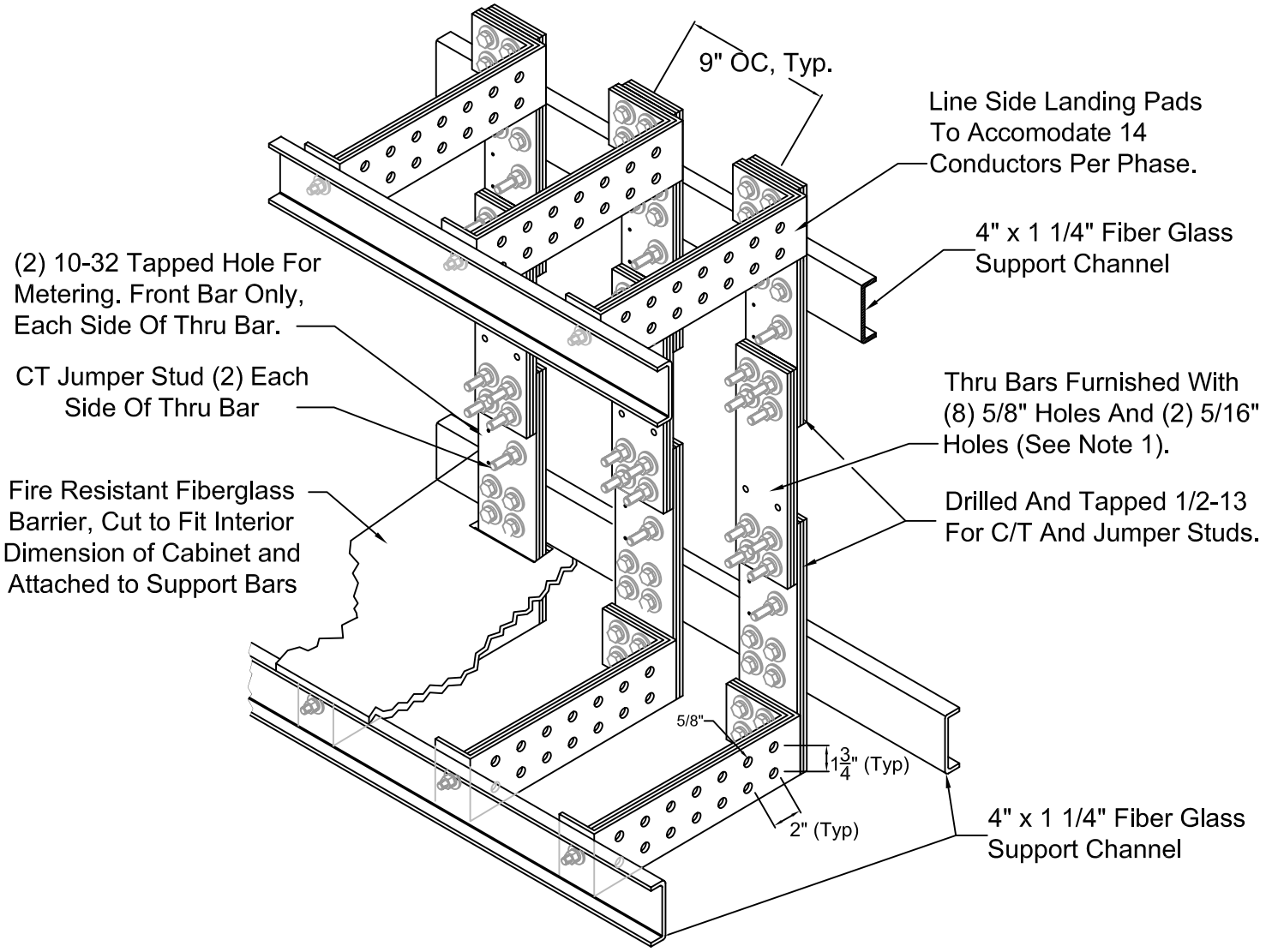

Notes:

1. **Bussing built to UL 1773 & UL 891.**
2. **Unless otherwise noted, all hardware to be stainless steel.**
3. **Line-Load & Neutral bars furnished as 1/4" thick, 6101-T61 aluminum alloy per ASTM B317. CT thru bars are to be 1/4" thick, silver plated copper bar.**
4. **1/4" GPO-3 Fiberglass barrier mounted above 'line' landings.**

* Drawing for reference only, see chart on sheet 301-1 for proper bar & landing configurations.

DWG. TITLE:	PHI Metering Busbar Construction / 3000 Amp
DWG. NO.:	PHICT-301-3
MATERIAL:	As Noted
FINISH:	N/A

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