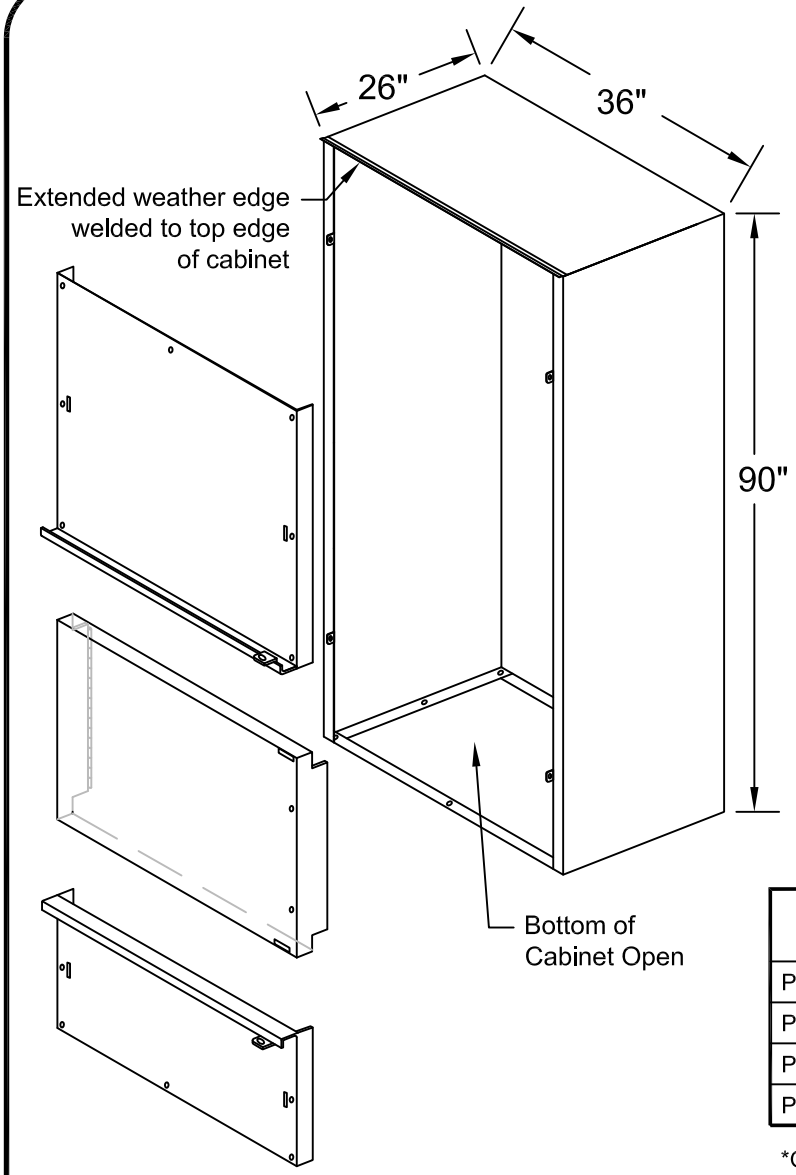
Pre-Approved PHICT403 Metering Busbar Construction / 3001-4000 Amp



PHICT403 3-Phase Metering C/T Cabinet / 3001-4000Amp / NEMA 3R

- 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-403-3)
- Busbar supports are molded of UL recognized flame resistant fiber glass reinforced compound.
- Cabinets are provided with gasketed removable access panels top and bottom. Mid-section has hinged, gasketed 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 3R specifications & PHI drawings 7-5-0606 & 7-5-0695.

PHICT Part #	AMPERAGE RATING	ENCLOSURE			BUSSING			NO. LANDINGS	
		W	H	D	CT THRU BAR	LINE/LOAD	NEUTRAL	LINE	LOAD
PHICT153	801-1500	36"	90"	19"	CU- (2) 1/4"x 4"	AL- (2) 1/4"x 4"	AL- (1) 1/4"x 4"	8	4*
PHICT203	1501-2000	36"	90"	26"	CU- (3) 1/4"x 4"	AL- (3) 1/4"x 4"	AL- (2) 1/4"x 4"	14	14
PHICT303	2001-3000	36"	90"	26"	CU- (4) 1/4"x 4"	AL- (6) 1/4"x 4"	AL- (2) 1/4"x 4"	14	14
PHICT403	3001-4000	48"	90"	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 3R / 4000 Amp

DWG. NO.: PHICT-403-1

MATERIAL: ASTM A653 Galvannealed

FINISH: Painted Gray

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METAL FABRICATION
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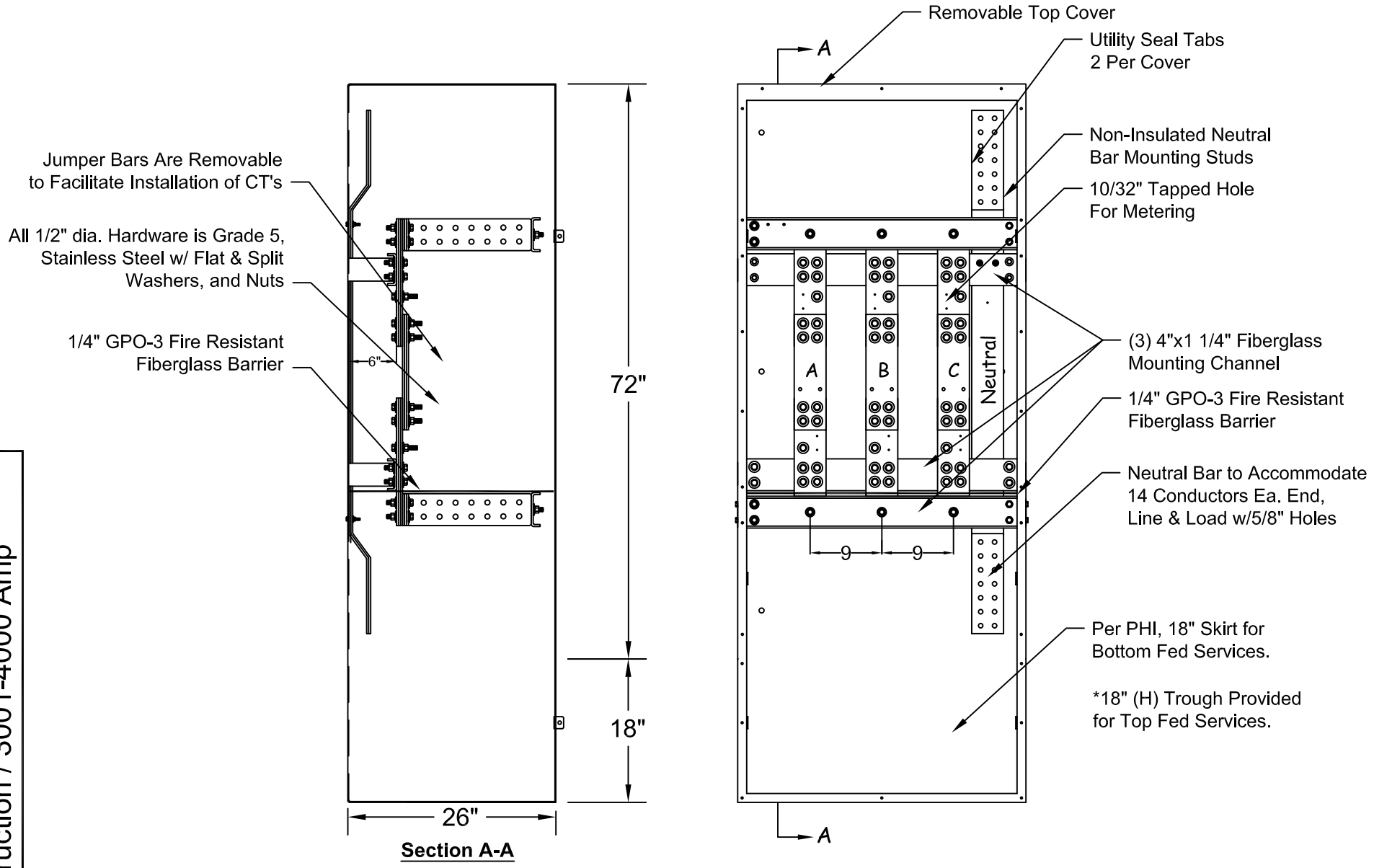
Pre-Approved PHICT403 Metering Busbar Construction / 3001-4000 Amp



Cabinet with Covers and Door Removed

DWG. TITLE:	3-Phase Metering CT Cabinet NEMA 1 / 4000 Amp
DWG. NO.:	PHICT-403-2
MATERIAL:	ASTM A653 Galvannealed
FINISH:	Painted Gray

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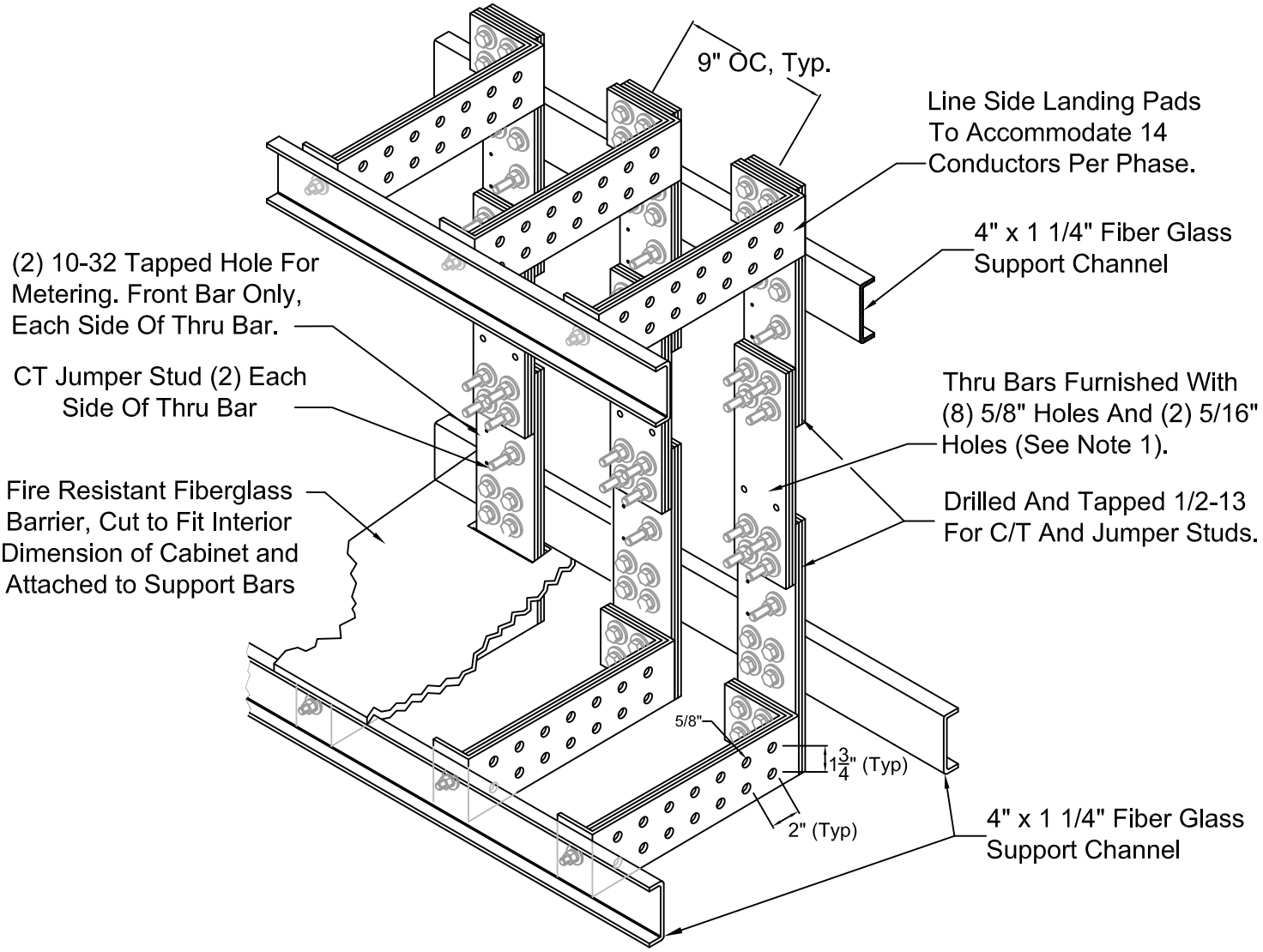

Notes:

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 / 3001-4000 Amp
DWG. NO.:	PHICT-403-3
MATERIAL:	As Noted
FINISH:	N/A

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