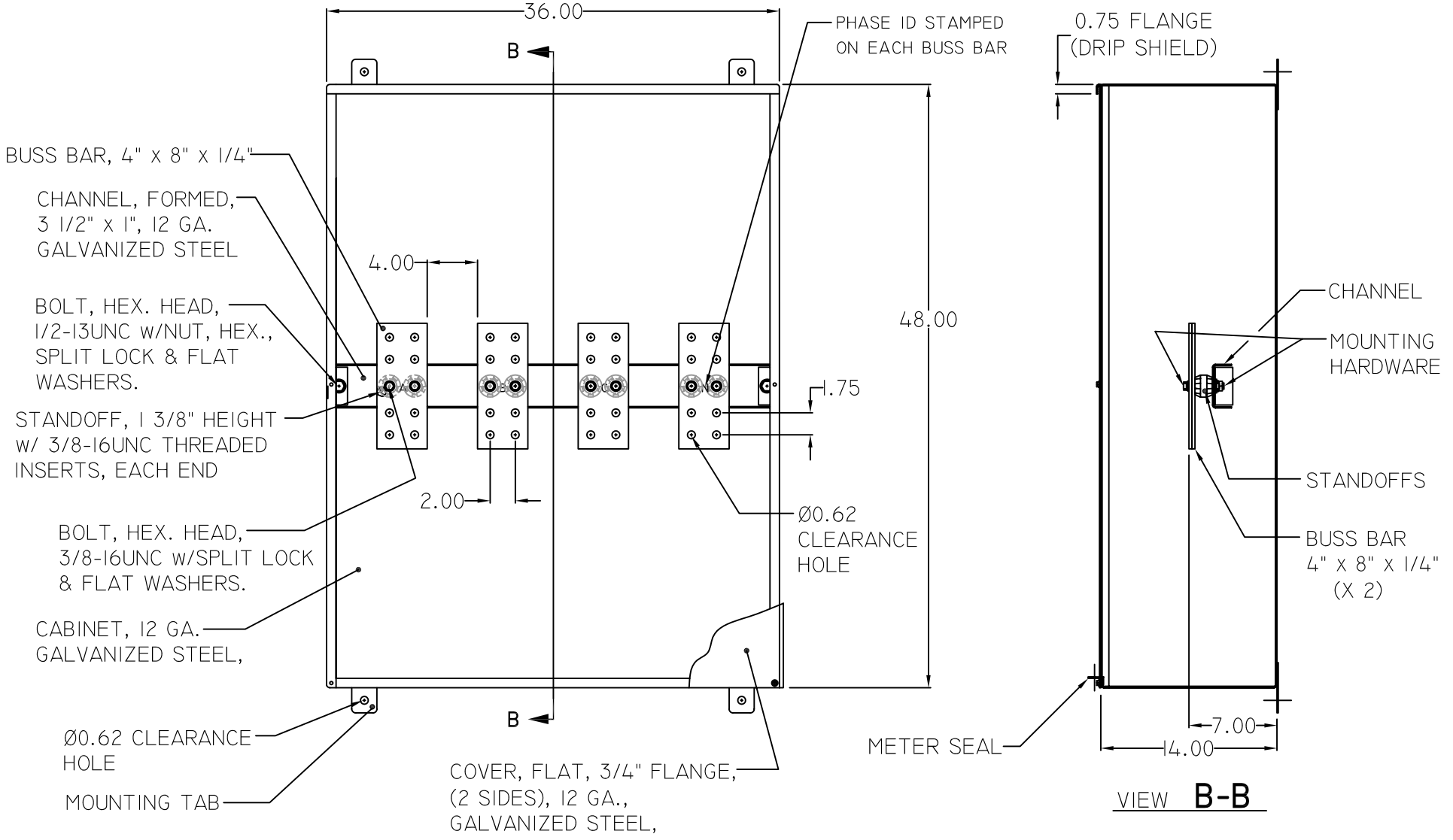

DWG. TITLE:	Power Termination Cabinet 401 - 1200A / Part No. PTC-2
DWG. NO.:	PTC-2
MATERIAL:	12 Ga. Galvanized ASTM A924 - G90-U
FINISH:	N/A

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METAL FABRICATION
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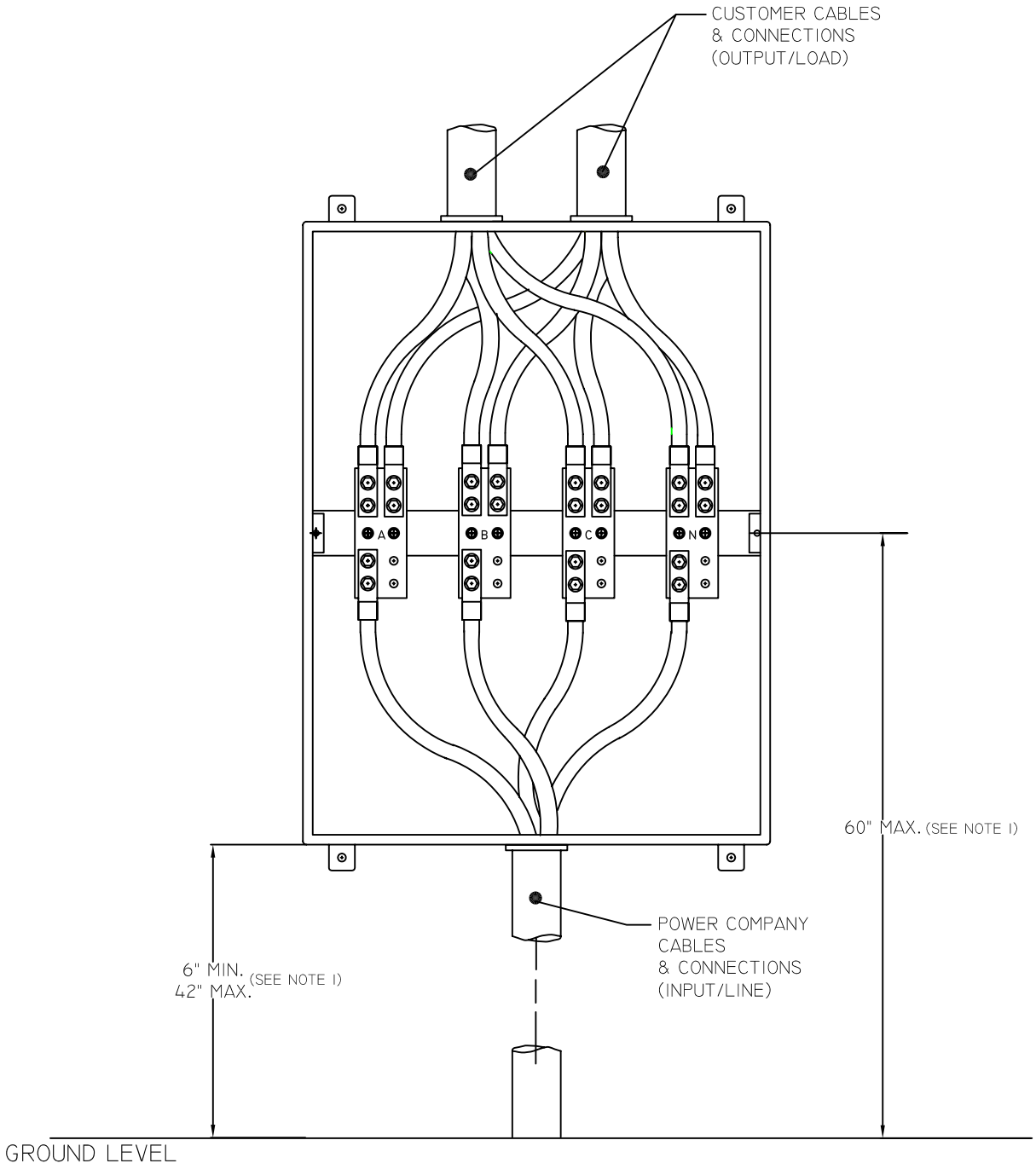

TYPICAL INSTALLATION

NOTE 1 - VERIFY MOUNTING HEIGHTS WITH LOCAL POWER COMPANY REQUIREMENTS.

DWG. TITLE:	Typical Installation PTC-1/ PTC-2/ PTC-3
DWG. NO.:	PTC-Install
MATERIAL:	PTC Install
FINISH:	

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Power Termination Cabinets Notes

1 - CABINET FABRICATION IS A WELDED CONSTRUCTION IN ACCORDANCE WITH NEMA TYPE 3R SPECIFICATIONS. MATERIAL IS 14 GAUGE (PART NO. PTC1) AND 12 GAUGE (PART NOS. PTC-2, 3 & 4) G-90U GRADE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A924 - G90-U. ALL JOINTS AND SEAMS ARE WELDED THEN REFINISHED WITH GALVANIC COATING TO PRESERVE FINISH.

2 - BUSS BAR MOUNTING CHANNELS ARE FABRICATED FROM 12 GAUGE G-90U GRADE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A924.

3 - BUSS BARS ARE FABRICATED FROM ALUMINUM ALLOY BAR STOCK, 1/4" THICK, 6101-T61 IN ACORDANCE WITH ASTM B317. MINIMUM ELECTRICAL CONDUCTIVITY AT 20° C % IACS IS 57%. BUSS BARS ARE PUNCHED TO ACCOMODATE STANDARD 2 HOLE HIGH-PRESS LUGS.

4 - ALL STANDOFF INSULATORS ARE MOLDED OF UL RECOGNIZED FLAME RESISTANT FIBERGLASS-REINFORCED THERMOSET POLYESTER MOLDING COMPOUND WITH THREADED INSERTS AT EACH END. UL RECOGNIZED ACCORDING TO UL STANDARD FOR SAFETY 891. VOLTAGE RATING FOR STANDOFFS USED ON PART NOS. PTC-1, 2 & 3 600V; PART NO. PTC-4, 2300V.

5 - GRADE 5 PLATED STEEL HARDWARE FOR LUG CONNECTIONS IS PROVIDED.

6 - ALTERNATE CONFIGURATIONS OF CABINETS, CHANNELS, AND BUSS BARS MAY BE PROVIDED TO MEET YOUR REQUIREMENTS UPON REQUEST.

7 - ALL POWER TERMINATION CABINETS ARE UL LABELED.

PART NUMBER	USAGE	AMPERAGE RATING	CONDUCTORS PER PHASE	CABINET DIMENSIONS		
				HEIGHT	WIDTH	DEPTH
PTC-1	INDOOR/ OUTDOOR	0 - 400	4- MAX	36"	30"	13"
PTC-2	INDOOR/ OUTDOOR	401 - 1200	4- MAX	48"	36"	14"
PTC-3	INDOOR/ OUTDOOR	1201 - 3000	6- MAX	60"	42"	19"
PTC-4	INDOOR/ OUTDOOR	3000-4000	12- MAX	91.5"	48"	30"

DWG. TITLE:	Power Termination Cabinet PTC1 - PTC4 Fabrication & Material Specifications
DWG. NO.:	PTC-01 Specs
MATERIAL:	Specifications
FINISH:	

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