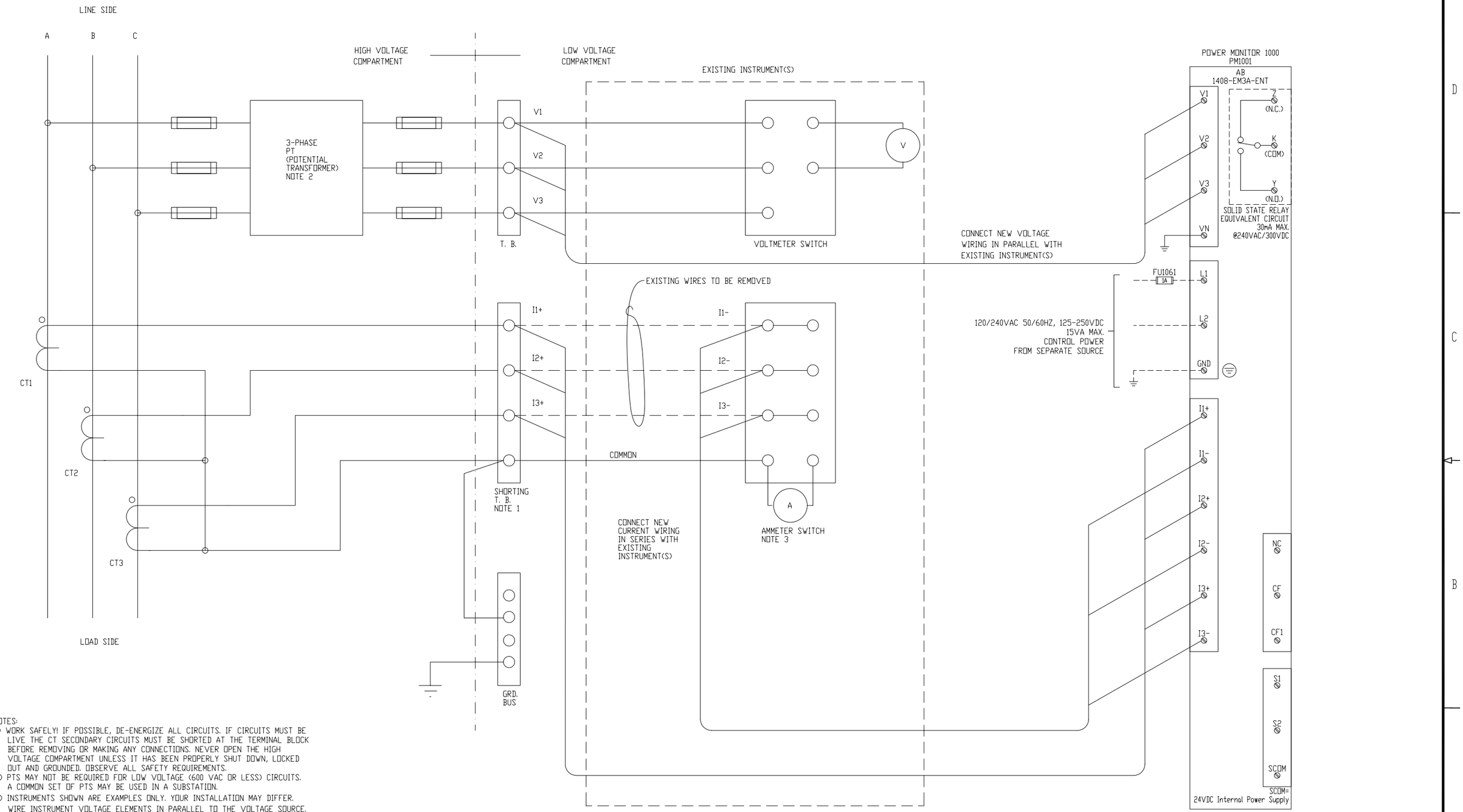

NOTES:

1.) WORK SAFELY! IF POSSIBLE, DE-ENERGIZE ALL CIRCUITS. IF CIRCUITS MUST BE LIVE THE CT SECONDARY CIRCUITS MUST BE SHORTED AT THE TERMINAL BLOCK BEFORE REMOVING OR MAKING ANY CONNECTIONS. NEVER OPEN THE HIGH VOLTAGE COMPARTMENT UNLESS IT HAS BEEN PROPERLY SHUT DOWN, LOCKED OUT AND GROUNDED. OBSERVE ALL SAFETY REQUIREMENTS.

2.) PTS MAY NOT BE REQUIRED FOR LOW VOLTAGE (600 VAC OR LESS) CIRCUITS. A COMMON SET OF PTS MAY BE USED IN A SUBSTATION.

3.) INSTRUMENTS SHOWN ARE EXAMPLES ONLY. YOUR INSTALLATION MAY DIFFER. WIRE INSTRUMENT VOLTAGE ELEMENTS IN PARALLEL TO THE VOLTAGE SOURCE. EXAMPLES OF INSTRUMENTATION INCLUDE KILOWATT-HOUR METERS, THIRD-PARTY POWER MONITORS, AND POWER, CURRENT OR VOLTAGE TRANSMITTERS. WIRE INSTRUMENT CURRENT ELEMENTS IN SERIES WITH EACH OTHER AND THE CURRENT SOURCE. MAINTAIN POLARITY AS SHOWN.

4.) 3-WIRE SYSTEM SHOWN. CONNECT A 4-WIRE SYSTEM USING SIMILAR METHODS.

5.) REFER TO A-B PUBLICATION 1408-IN001 FOR DETAILED INSTALLATION INSTRUCTIONS.

1408 POWERMONITOR 1000
TYPICAL RETROFIT WIRING USING EXISTING INSTRUMENT TRANSFORMERS

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CAD PART 10_PM1000_TYPICAL_RETROFIT.DWG