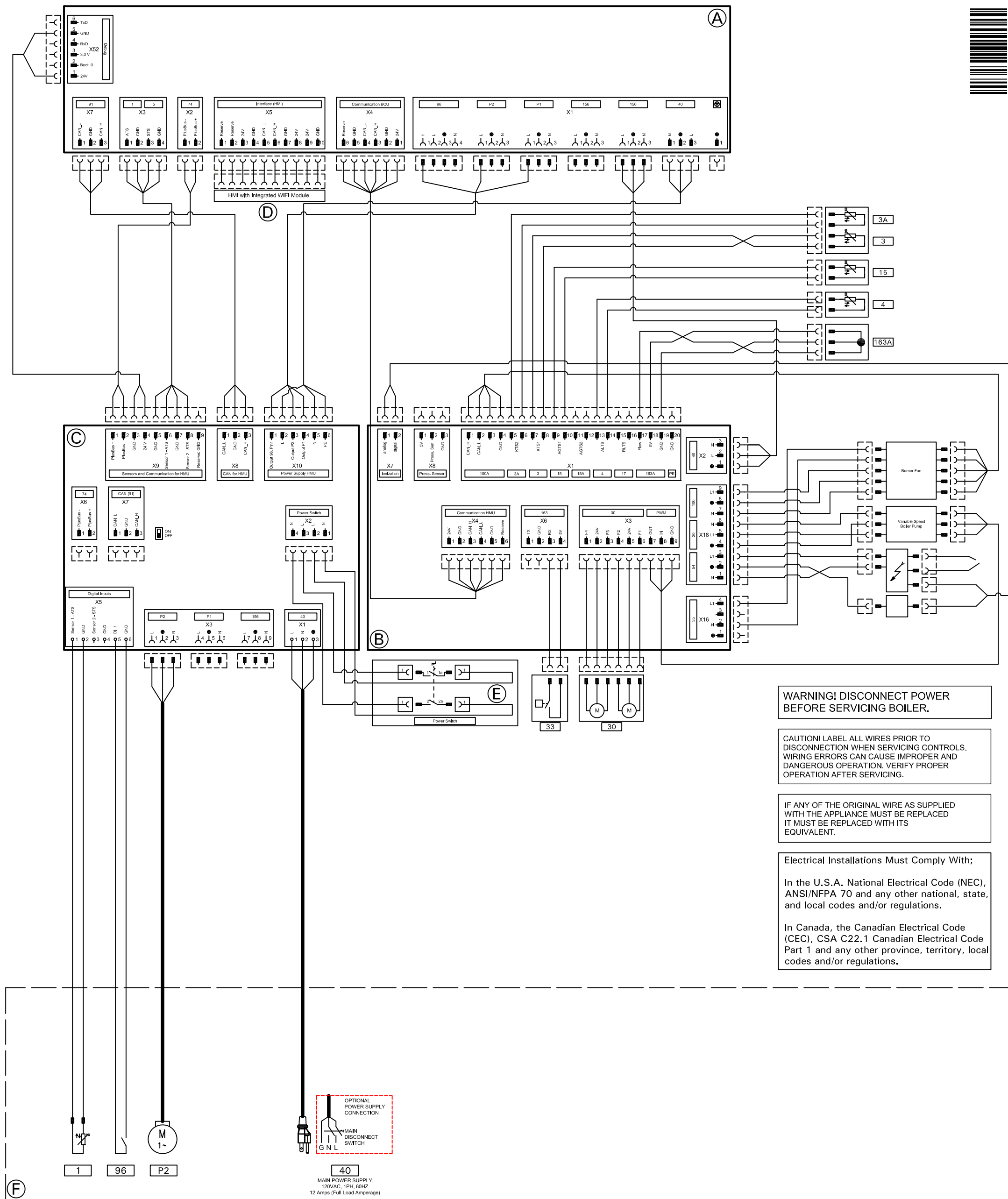


Vitodens 100-W, B1KE Models 120/199



WARNING! DISCONNECT POWER BEFORE SERVICING BOILER.

CAUTION! LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING.

IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED IT MUST BE REPLACED WITH ITS EQUIVALENT.

Electrical Installations Must Comply With;

In the U.S.A. National Electrical Code (NEC), ANSI/NFPA 70 and any other national, state, and local codes and/or regulations.

In Canada, the Canadian Electrical Code (CEC), CSA C22.1 Canadian Electrical Code Part 1 and any other province, territory, local codes and/or regulations.

- ① HMI Control Board
- ② BCU Control Board
- ③ WP Control Board
- ④ HMI With WIFI Module
- ⑤ Power Switch
- ⑥ Field Wiring Connections

- 1 Outdoor Temperature Sensor
- 3 Boiler Temperature Sensor 1
- 3A Boiler Temperature Sensor 2
- 4 DHW Outlet Temperature Sensor
- 11 Ionization Signal
- 15 Flue Gas Temperature Sensor
- 20 Variable Speed Boiler Pump (Internal)
- 30 Diverting Valve Stepper Motor
- 33 Boiler Flow Switch
- 35 Gas Valve
- 40 Power Supply
- 54 Ignition Transformer
- 96 Heat Dry Contact

- 100 Burner Fan Motor Power Supply
- 100A Burner Fan Motor Speed Control
- 163A DHW Flow Switch
- P2 Heating Zone Pump
- PWM Internal Pump Speed Control



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