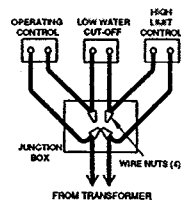
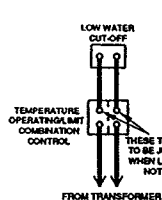


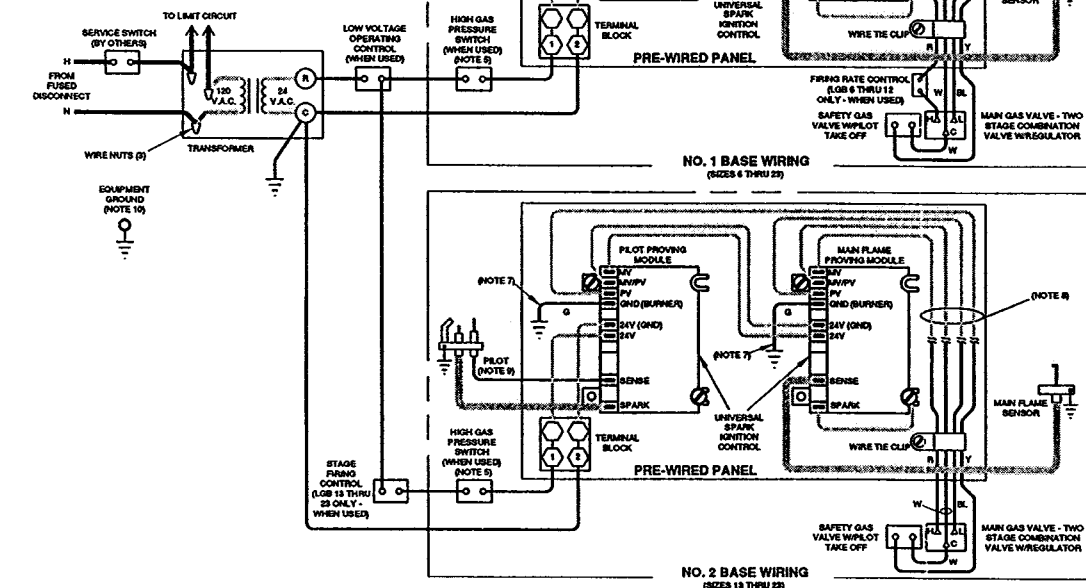
STEAM LIMIT CIRCUIT



WATER LIMIT CIRCUIT



SCHEMATIC WIRING DIAGRAM



WARNING

ELECTRICAL SHOCK HAZARD. CAN CAUSE SEVERE BURN OR DEATH. DISCONNECT POWER BEFORE INSTALLING AND/OR SERVICING.

NOTES:

- ALL WIRING MUST BE INSTALLED IN ACCORDANCE WITH:
 - U.S.A. - NATIONAL ELECTRICAL CODE AND ANY OTHER NATIONAL, STATE, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
 - CANADA - C.S.A. C22.1 CANADIAN ELECTRICAL CODE PART 1 AND ANY OTHER NATIONAL, PROVINCIAL, OR LOCAL CODE REQUIREMENTS HAVING JURISDICTION.
- ALL SAFETY CIRCUIT WIRING MUST BE:
 - U.S.A. - N.E.C. CLASS 1.
 - CANADA - C.S.A. C22.1 C.E.C. PART 1.
- IF ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE USED, EXCEPT TYPE 105° C OR ITS EQUIVALENT MUST BE USED. EXCEPTION, SEE NOTE 7.
- REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.

6. STANDARD EQUIPMENT FOR LGB-21 THRU LGB-25.

- TERMINAL ON MAIN GAS VALVE IS A SINGLE TERMINAL (COMMON) FOR LOW AND HIGH FIRE OPERATORS.

- REFER TO CONTROL SUPPLEMENT FOR GROUND LEADWIRE ATTACHMENT. IF ORIGINAL GROUND LEADWIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, TYPE 120° C OR ITS EQUIVALENT MUST BE USED.

- WIRES ARE FACTORY INSTALLED TO CONTROL PANEL, BUT MUST BE FIELD CONNECTED TO GAS VALVES AND FIRING RATE CONTROL TERMINAL (WHEN USED).

- PILOT LEADWIRE ARE NOT FIELD REPLACEABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.

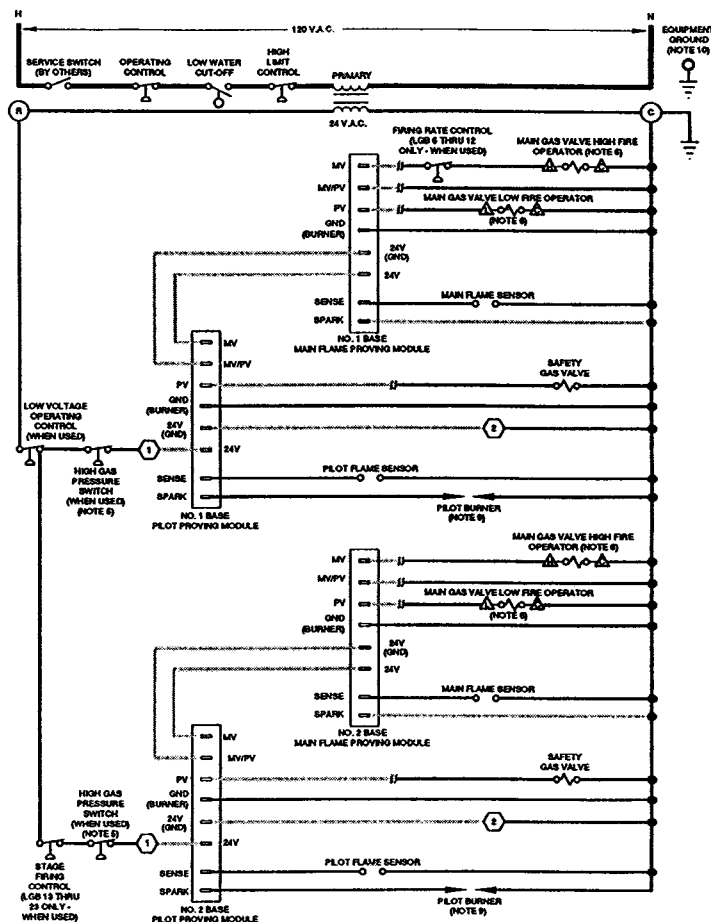
- ⊕ DENOTES FIELD INSTALLED CHASSIS GROUND.

- ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELF CONDITION.

LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
HIGH VOLTAGE FACTORY
IGNITION/SENSING CABLE

120 V.A.C.
24 V.A.C.
120 V.A.C.
24 V.A.C.
120 V.A.C.
24 V.A.C.

LADDER WIRING DIAGRAM



LGB
Natural Gas

- Universal Pilot
- Universal Control System
- Steam or Water
- 6 thru 23

WEIL-McLAIN
A Division of The Marley Company
Michigan City, Indiana 46360
PART NUMBER 550-101-136/1291WM