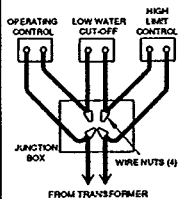
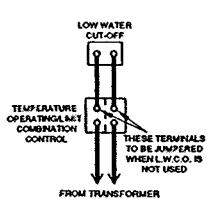


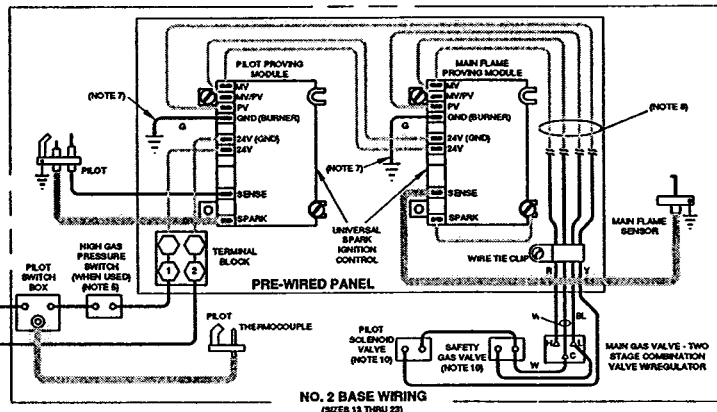
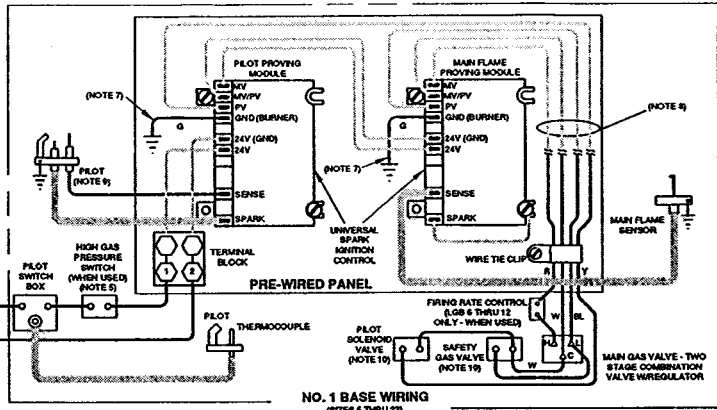
STEAM LIMIT CIRCUIT



WATER LIMIT CIRCUIT



SCHEMATIC WIRING DIAGRAM



WARNING

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

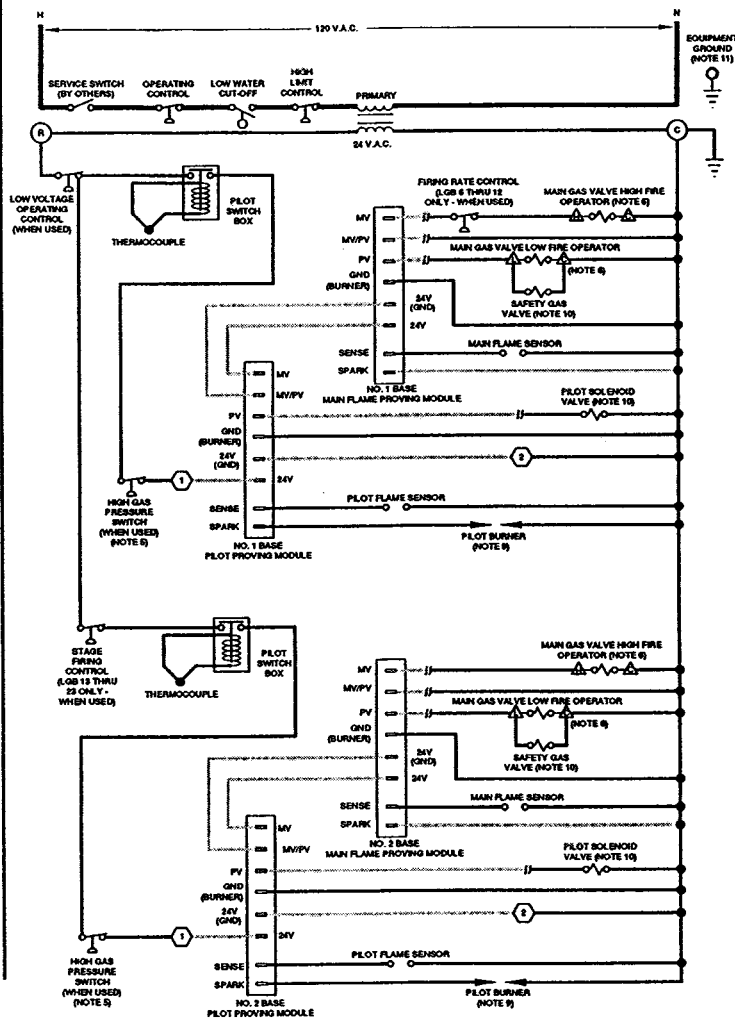
NOTES:

- 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 REPLACED, TYPE 105° C OR ITS EQUIVALENT MUST BE USED. EXCEPTION, SEE NOTE 7.
- REFER TO CONTROL COMPONENT INSTRUCTIONS PACKED WITH BOILER FOR APPLICATION INFORMATION.
- STANDARD EQUIPMENT FOR LGB-21 THRU LGB-23.

- TERMINAL ON MAIN GAS VALVE IS A SHOLE 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 105° C OR ITS EQUIVALENT MUST BE USED.
- WIRES ARE FACTORY INSTALLED TO CONTROL PANEL, BUT MUST BE FIELD CONNECTED TO GAS VALVE AND FIRING RATE CONTROL TERMINALS (WHEN USED).
- PILOT LEADWIRES ARE NOT FIELD REPLACEABLE. REPLACE PILOT ASSEMBLY IF NECESSARY.
- WHEN CONVERTING BOILER FROM NATURAL TO PROPANE GAS, REFER TO CONVERSION INSTRUCTIONS FOR DIRECTIONS TO CHANGE PILOT TAKE-OFF FROM SAFETY VALVE TO PILOT SOLENOID VALVE.
- INDICATES FIELD INSTALLED CHASSIS GROUND.
- ALL CONTACTS SHOWN WITHOUT POWER APPLIED - OFF SHELVE CONDITION.

LOW VOLTAGE FIELD
HIGH VOLTAGE FIELD
LOW VOLTAGE FACTORY
HIGH VOLTAGE FACTORY
IGNITION SENSING CABLE
OR THERMOCOUPLE

LADDER WIRING DIAGRAM



LGB
Propane Gas

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

WEIL-McLAIN
A Division of The Marley Company
Michigan City, Indiana 46360

PART NUMBER 550-101-1371/291W1A