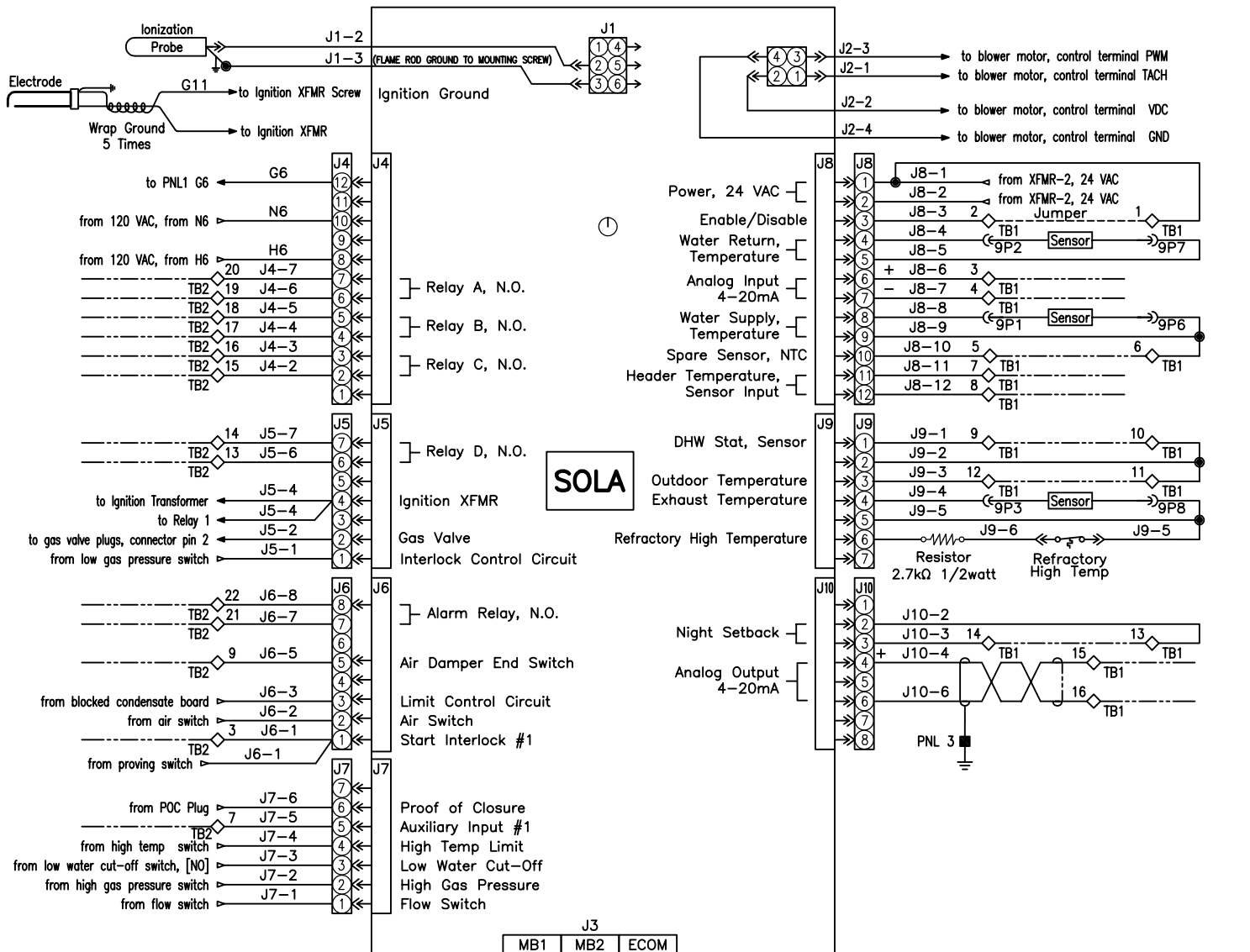


**Patterson-Kelley, LLC**  
 East Stroudsburg, PA 18301  
 570-476-7261  
 www.pattersonkelley.com

IF ANY OF THE ORIGINAL WIRE SUPPLIED WITH THIS BOILER MUST BE REPLACED, IT MUST BE REPLACED WITH THE SAME UL WIRE TYPE.

**ST6000-ST8000 DIRECT IGNITION**  
**240 V**  
**WITH NURO® CONTROL**

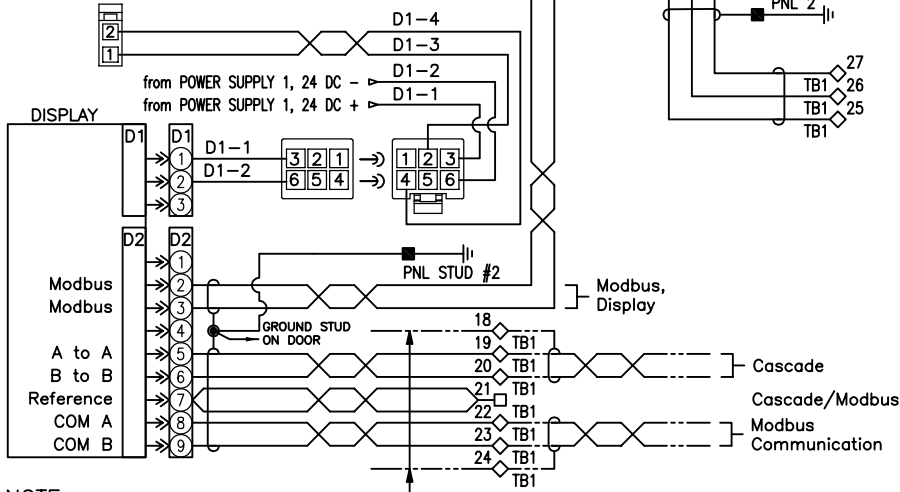
**269100400 (1)**  
**REV. C**



**SOLA**

**KEY**

- FACTORY JUMPER WIRE CONNECTION. --- JUMPER ---
- FACTORY WIRING. -----
- FIELD WIRING BY OTHERS WHERE APPLICABLE. - - - - -
- TERMINAL BLOCK, BOILER ENCLOSURE, □
- INTERNAL CONNECTION.
- TERMINAL BLOCK, BOILER ENCLOSURE, ◇
- FIELD CONNECTION.
- GROUND TERMINAL BLOCK, BOILER ENCLOSURE. ⊠ ⊡
- GROUND STUD, BOILER ENCLOSURE. ■
- GROUND. —||—
- CONNECTION, MECHANICAL OR WIRE. ●
- COMPONENT TERMINATION POINT. (X) (X)
- SPADE CONNECTOR, PLUGGABLE CONNECTION. →
- MOLEX CONNECTOR, PLUGGABLE CONNECTION. →
- N=HOLES, P=PIN, X=PIN NUMBER.
- SHIELDED TWISTED PAIR CABLE. —||—



**NOTE:**

Modbus and or Cascade field wiring must utilize twisted pair shielded cable. For multi boiler installations, JUMPER the field Modbus and or Cascade shield connection " TB1-18 and or TB1-24" to PNL ground in Master boiler TB1 terminal box. Do not ground shield to any other boiler or piece of equipment. Shield should be continuous from beginning to end with a ground connection in the master boiler only.



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**240 V**  
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**2691000400 (2)**  
**REV. C**