

FUSES ARE BUSSMAN FNQ-R CLASS CC ONLY

FUSE NAME	FUSE SIZE
FU1, FU2, & FU3	15 AMP
FU4 & FU5	3 AMP
FU6	5 AMP

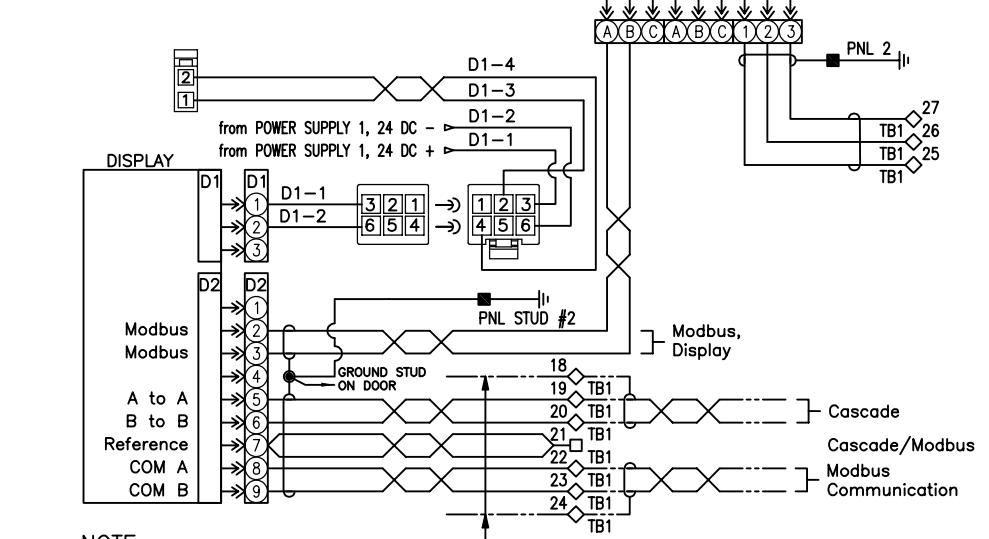
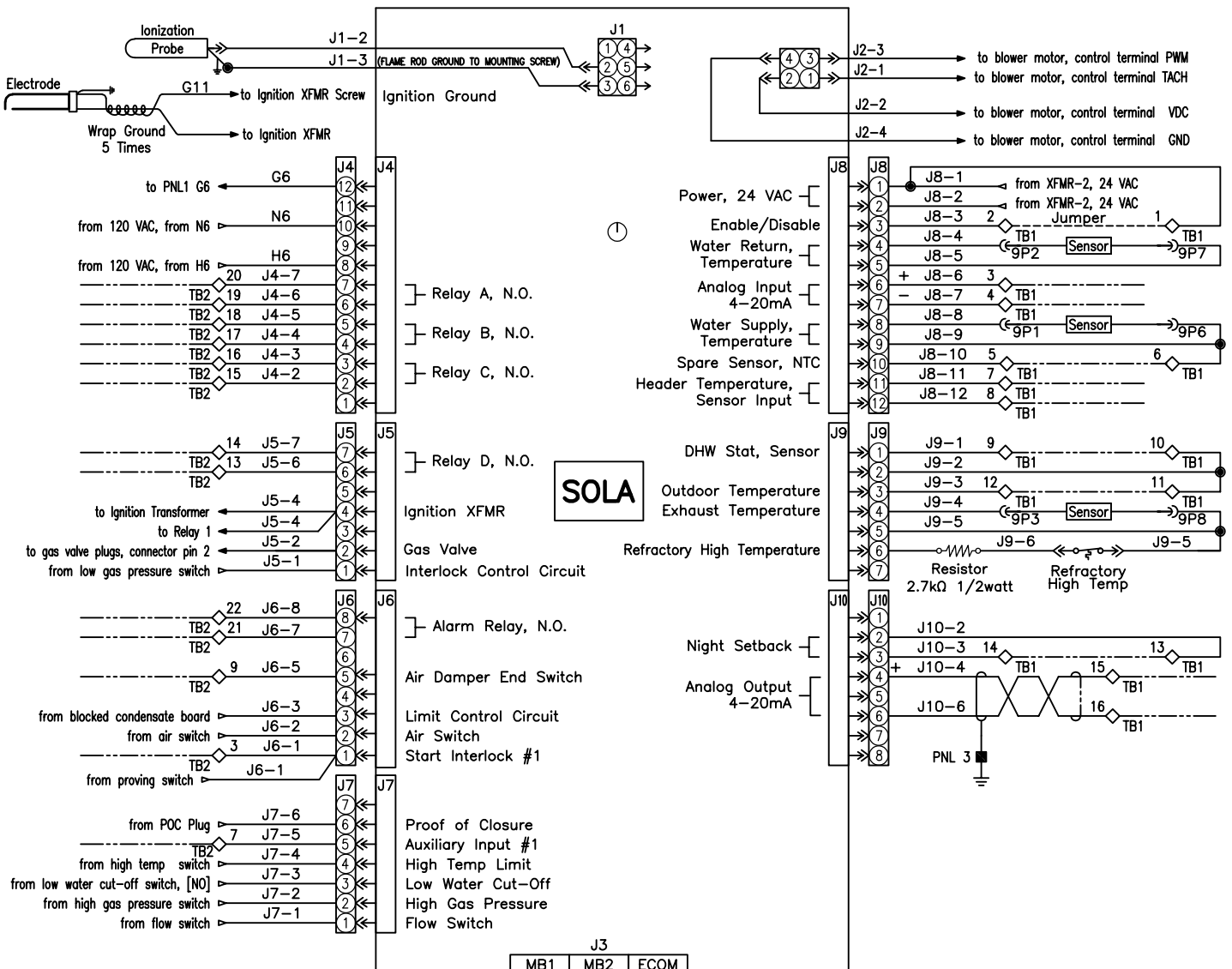


Patterson-Kelley, LLC
 East Stroudsburg, PA 18301
 570-476-7261
 www.pattersonkelley.com

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
480 V
WITH NURO® CONTROL

2691000401 (1)
REV. C



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)
 SPADE CONNECTOR, PLUGGABLE CONNECTION. →
 MOLEX CONNECTOR, PLUGGABLE CONNECTION. →
 N=HOLES, P=PIN, X=PIN NUMBER. NPX
 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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REV. C