

BioHeat USA
4 Britton Lane
Lyme, NH 03768

BioHeat USA Piping Layout Concept Diagram

Wood Boiler used as an **ONLY BOILER**
No Thermal Storage

Drawn by: TSP

Date
3-30-2009

DWG NO
Solo/Excel 1

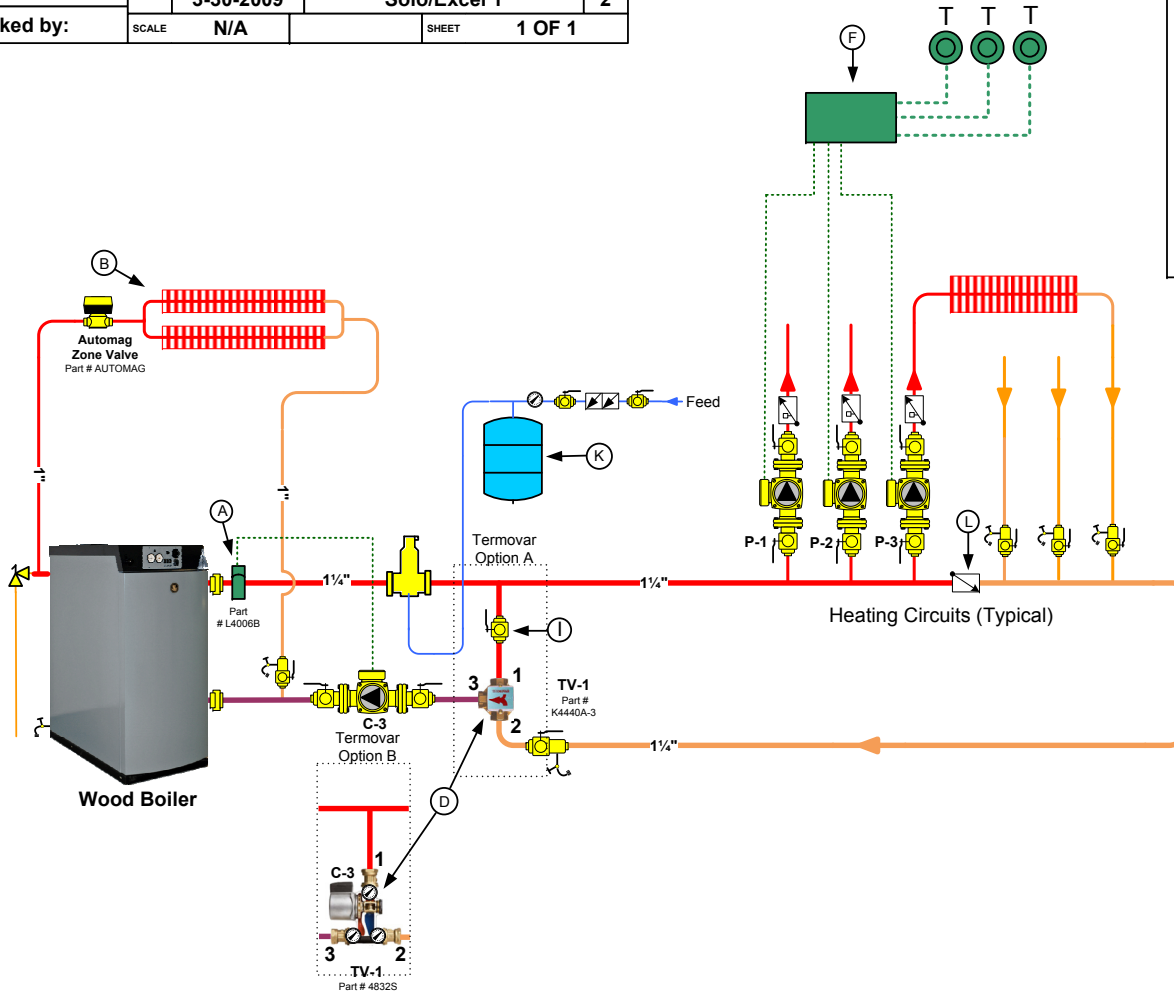
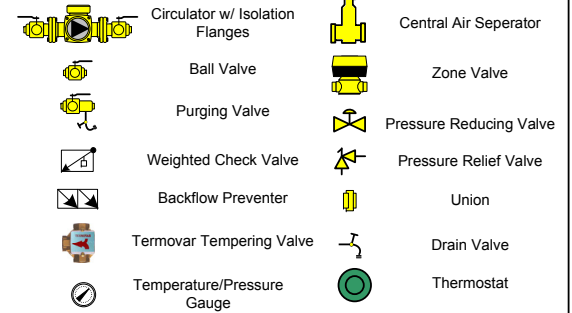
REV
2

Checked by:

SCALE
N/A

SHEET
1 OF 1

Symbol Key



NOTES:

- (A) Aquastat-Honeywell L4006B or Equivalent
Part # L4006B (Not used with the Excel or Froling FHG)
- (B) Emergency Gravity Flow Overheat Loop
Needs to be 10% of Wood Boiler Output. Automag
needs to be installed in the **horizontal** position.
- (D) Termovar Mixing Valve (2 Options Available)
- (F) Circulator Switch Relay-Typical Controller
- (I) Balancing Valve Required. (Start with Valve Closed
halfway, i.e., at 45 degrees)
- (K) Amtrol 60 or Equivalent Expansion Tank is Suitable for
most Solo Plus Installations up to 86 gallons
- (L) Check Valve Should be a Swing Check and not a
Weighted Check Valve to Prevent Ghost Flow to Heating
Circuits.

This is only a **concept** drawing. Final design, installation and code compliance details are the responsibility of the designer/installer of the system.