

Neuron (4 Units) + Wall Booster (2 Units)

Units are not to scale

Recommended: Install a hose bibb near each unit's hot water outlet upstream of the isolation valve. Connect a hose and route to a drain when combustion tuning or draining an unit.

REQUIRED: Constant external recirculation. See note #11.

LEGEND

T&P Relief Valve

Isolation Valve

Check Valve

Pipe Coupling

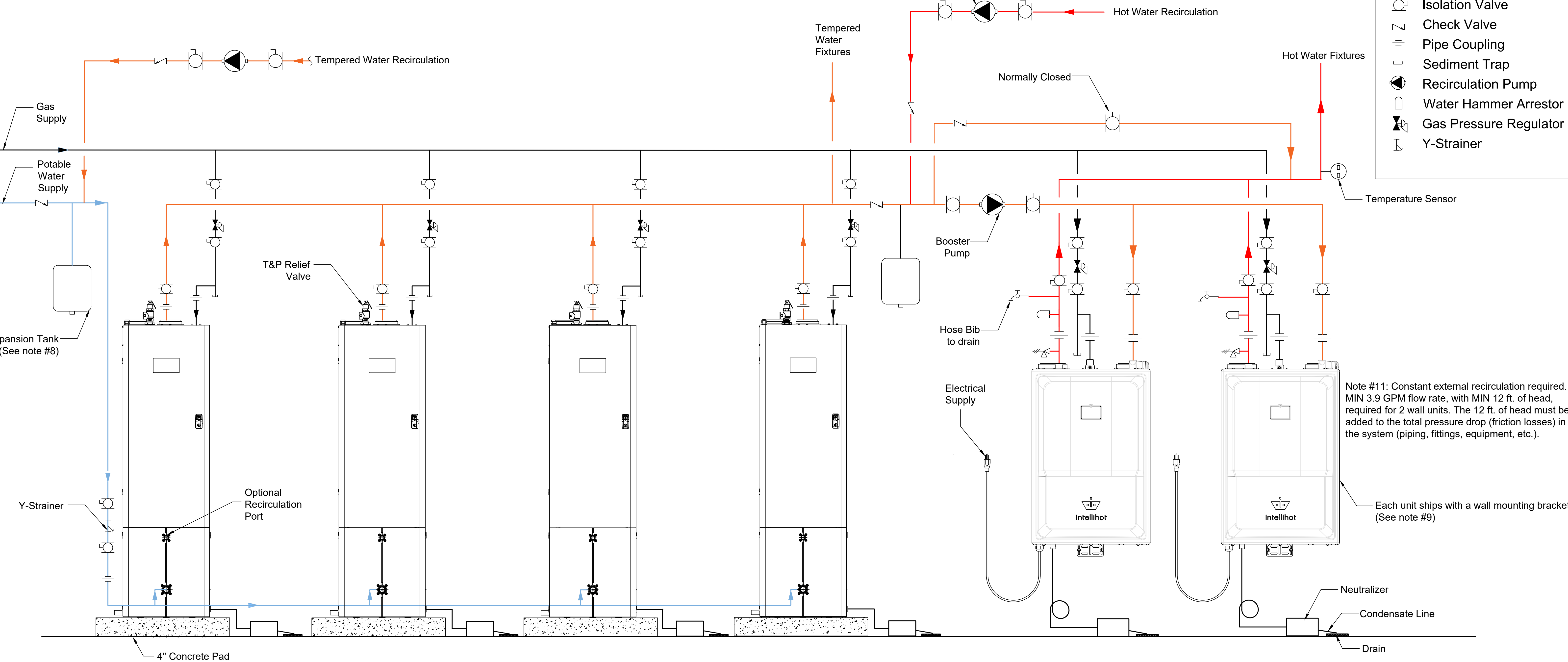
Sediment Trap

Recirculation Pump

Water Hammer Arrestor

Gas Pressure Regulator

Y-Strainer



Note #11: Constant external recirculation required. MIN 3.9 GPM flow rate, with MIN 12 ft. of head, required for 2 wall units. The 12 ft. of head must be added to the total pressure drop (friction losses) in the system (piping, fittings, equipment, etc.).

Each unit ships with a wall mounting bracket (See note #9)

Notes:

1. This schematic is a suggested piping diagram. Any additional requirements from local codes and ordinances shall supersede this diagram.
2. Intellihot models are Category IV potable tankless water heaters not to be installed in closed loops. Refer to manuals for certifications.
3. For water piping, gas supply, and venting requirements, please refer to the operation and installation manual.
4. Gas pressure regulator required to be installed if incoming gas pressure > 14" W.C.
5. Water hammer arrestor (ships with wall unit) to be installed within 20 ft. of the unit on the hot water supply. WHA pre-installed in Neuron.
6. Y-strainer to be installed near the inlet of each unit.
7. Temperature and pressure relief valve (shipped with the unit) to be installed on the hot water supply.
8. Expansion tank to be sized based on the gallons of water in the plumbing system including the recirculation piping.
9. Refer to the manuals for operating weight of the wall mounts and installation instructions.
10. Venting materials for the booster unit must be CPVC, approved polypropylene, or AL29-4C stainless steel.

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DRAWING NUMBER:

JOB NAME:

