

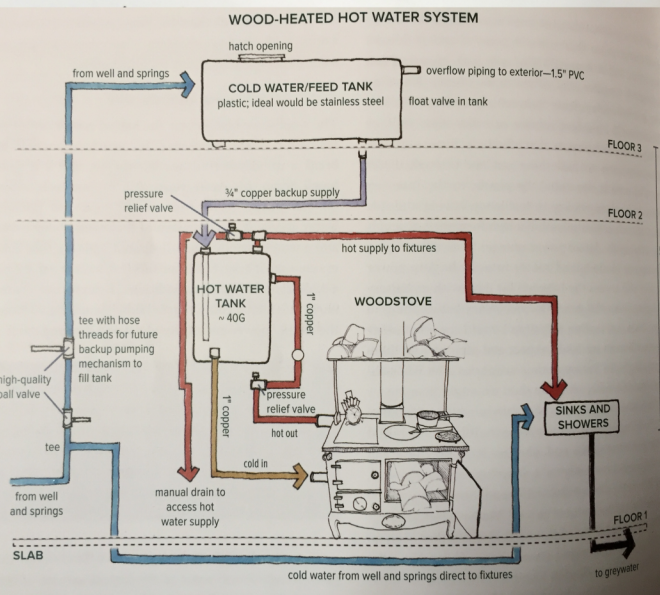


Fire for Food and Sanitation (and more)

Efficient multi-purpose combustion
using sticks and charcoal as fuel

Getting all of a home's heat, hot water, and cooking from a single stove without much firewood has been done plenty of times

The homestead's most important power plant is our wood cookstove. It is pictured here in typical midwinter action performing multiple functions simultaneously: boiling tea water; cooking a multiday meal of venison, lamb, squash, potato, seaweed, shiitake, sunflower seed, kale, and garlic; boiling gone-by squash for the ducks; baking cookies; simmering chaga-reishi chai for desert; heating all the hot water needed by two people for bathing and dishes; and heating fifteen-hundred square feet of space to 72°F on a 20°F day.



We need to utilize this design pattern, applying it thoroughly and advancing it further

needs R+D

simply a matter of adapting these demonstrated functions at two different scales:
village and backwoods

