



FIRST FLOOR PLAN

AREA: 1302 SQ.FT.

- ⑤ Masonry wood burning stove for clean burning 1 to 2 hours per day with baking oven option @top of firebox
- ⑥ Windows to be fiberglass frame, double glazing low E to reach R3 insulation value
Windows to be casement, awning or fix type to minimize air leaks
- ⑦ All appliances to be energy star to save energy (Electric stove, dish washer, refrigerator and washer/dryer)
- ⑧ All water faucets to have a maximum 1.5 gallon flow rate per minute with shower @ maximum 2 gallon per minute
- ⑨ Dual flush smart toilets to minimize water consumption
- ⑩ Log walls 18" minimum from final grade with termite shield flashing at bottom log
- ⑪ Log walls to be 14" diameter midspan with 12" gain per stack Harvested from local sustainably managed forest with "P" gaskets @all log to log connections (laterals and cross corners) with sheep wool insulation in groove cavity to achieve minimum R20 value plus thermal mass energy savings in summer between cool nights and hot days.