**Important Information**

1. Passive Solar with thermal flywheel principal as basis for design, earth bermed on north side
2. Hot water solar for secondary heat and domestic hot water
3. Wood heat for 3rd level back up. Propane for when all else fails
4. Be able to live on one floor
5. Day time lighting is natural for all living areas
6. Trim made from wood on property
7. 1200 gallon reservoir 250 feet above house provides 60 psi water pressure
8. White sand used for backfill against foundation/earth berm relieves hydrostatic pressure. By product of mica mining in Spruce Pine
9. EnkaDrain used at foundation to relieve hydrostatic pressure by providing a positive drain to foundation drains
10. EnkaPerm between sheathing and Hardi panel provides positive air flow to relieve moisture build up in exterior walls
11. R-Control foam (4”) on exterior of block walls borate treated to protect against termite degradation
12. TekFoil under concrete pads/floors provides reflective insulation and moisture/radon barrier
13. TekFoil between drywall and insulation on ceilings provides reflective insulation and moisture barrier to insulation
14. Window treatments to control heat flow
15. Retractable awning on deck
16. Aluminum/stainless steel cable railings on decks
17. Propane to outside grill
18. Indian slate on fireplace and chimney
19. Finish railing in dining room and stairway in Beech
20. Stained concrete floors