1. Design is based on rough-sawn eastern hemlock.
2. Design roof load: 30 lb/ft² per 50-year life.
3. Concrete floor slab has thickened edge 9" deep by 6" wide along bottom surface, sloped floor apron 1/4" per foot from rear to open front for drainage (puddling within shelter from wind driven rain may be minimized by increasing the slope of the 1/4" front apron). Request a concrete mix with 3/4" max. size aggregate, 6 1/2 sacks of cement per cubic yard. Goal, water/cement ratio, and aggregate entrained air by volume.
4. Ledges, earth, or gravel floors may be substituted for concrete if desired.
5. All wood in contact with earth or concrete should be pressure treated with a preservative.
6. Assemble rafter units on the ground in a jig for bolt location. Detach short 2x4 (overhang) rafter from the unit for erection; the 2x4 rafter should be on the outside of the 2x4 overhang at both ends of the building.
7. Erect the 4x6 poles with ridge beam first, the rear wall poles can then be located.
8. For weather protection of secure storage, close in the front with an open front, a southern exposure is desirable.
9. Rough-sawn board & batten siding with 10" to 12" wide boards or 2" to 3" wide battens on cracks between boards is attractive. Other siding materials can be used if desired.