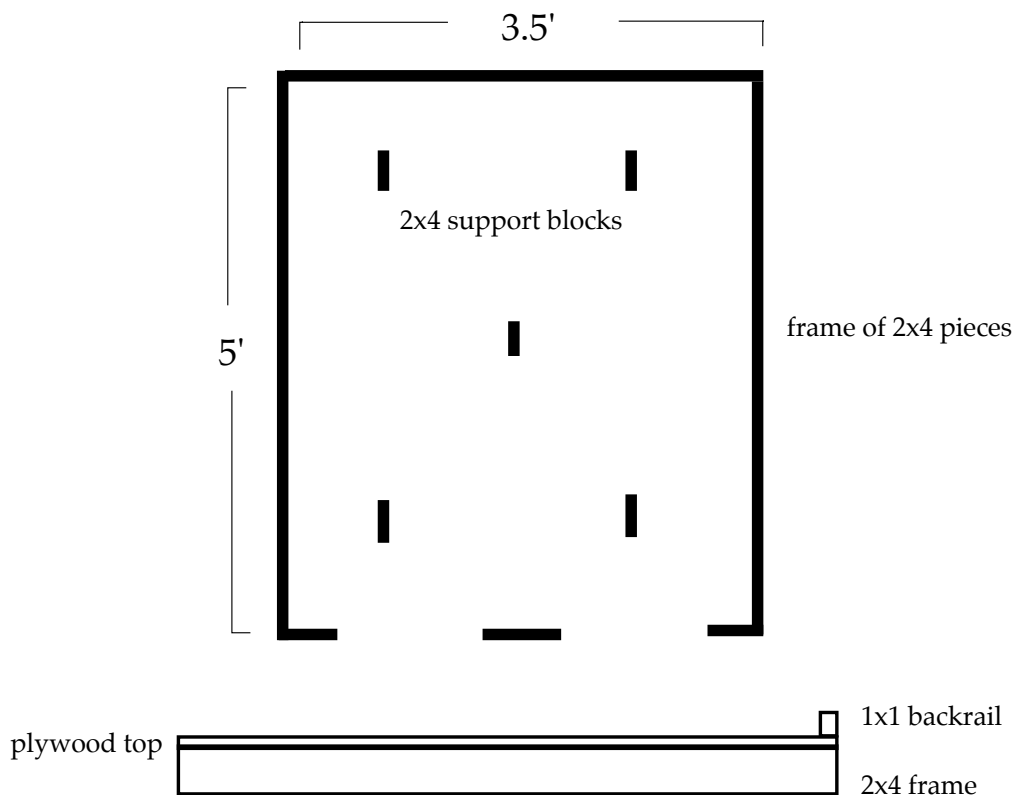


Cello Boxes

When performing *Voice of the Wood* with orchestra the use of four cello boxes specially constructed as shown is highly recommended. The following design is inexpensive and has proved very effective for increasing volume and projection of the cello quartet soloists.

The basic idea is to mount a 5 foot by 3.5 foot thin plywood top (the thinner the better for vibration) on a rectangular frame of 2-by-4's (lying on edge) open at the front. Additional short blocks of 2-by-4 on edge are attached underneath (and one at the front) for support and added rigidity. Sound is transferred by the cello pin to the plywood top of the box and is projected out the front opening. The box may be stained if desired (but not varnished), and a 1-by-1 backrail should be added for security.



MATERIALS NEEDED FOR EACH BOX:

- for the top: 1/2" plywood (or 3/8"); 3.5 feet x 5 feet
- for the sides: two 2" x 4" pieces running front to back; 5 feet long
- for the back: one 2" x 4" piece; 3.5 feet long
- for backrail: 1" x 1" piece; 3.5 feet long
- for front support: one 2" x 4" piece; 6" long
- misc. supports: 2" x 4" blocks