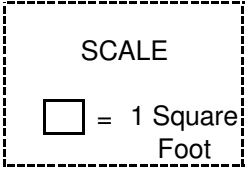
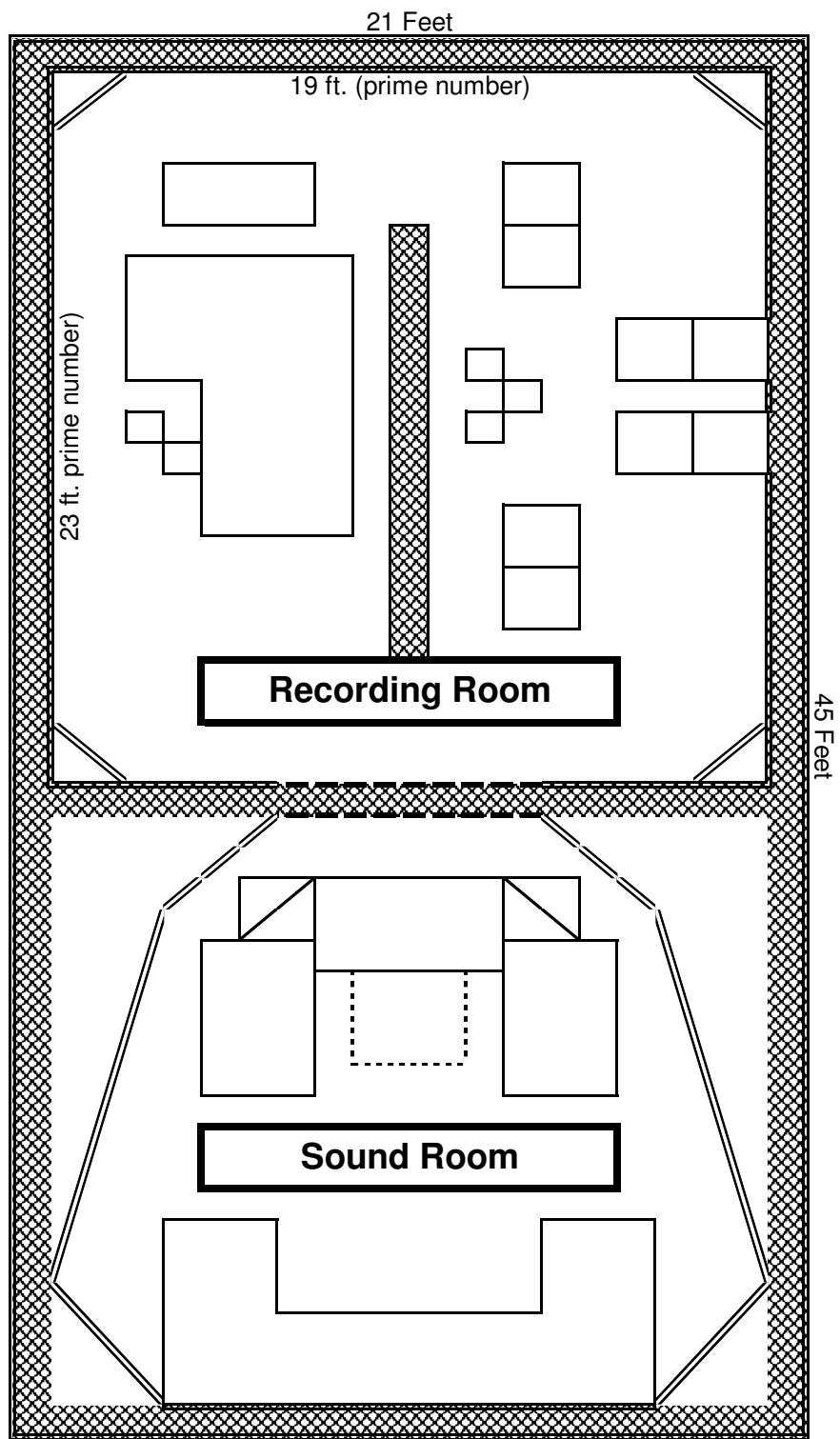



Sound Studio Basic Design (top)



Notes:
 The grey area represents 1 ft. thick insulated wall.
 The Sound room is designed as a "room within a room" in order to help eliminate outside sound from entering the room. Thus the doubled lines represent another insulated wall.

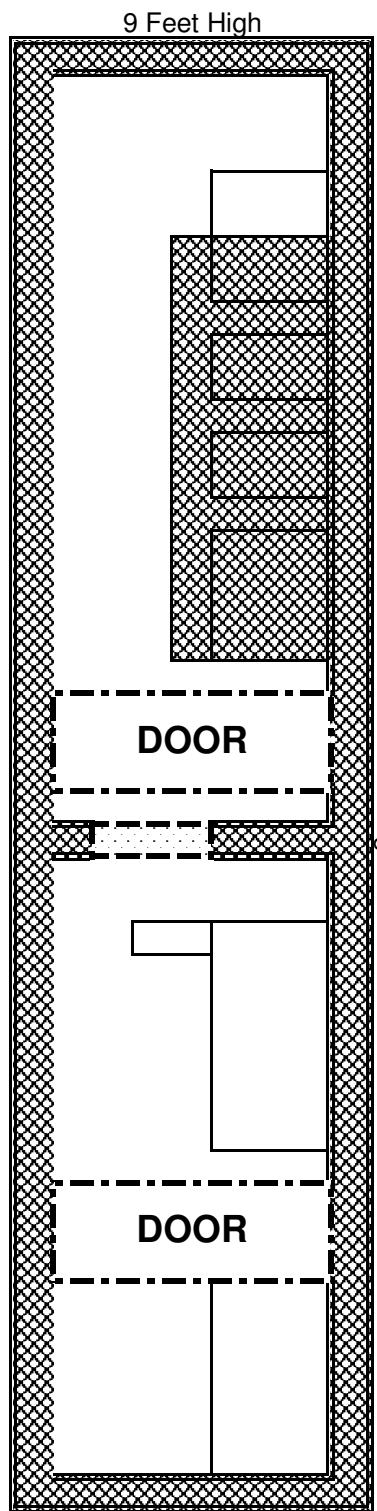
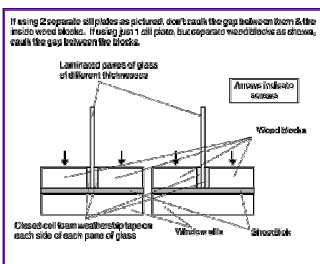


Sound Studio Basic Design (side)

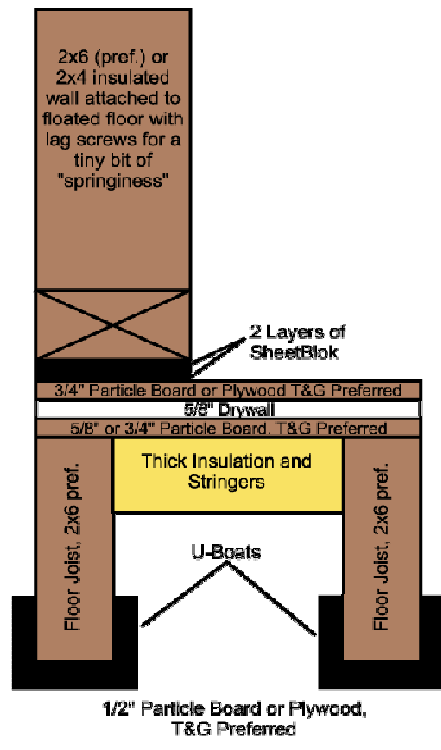
SCALE
 = 1 Square Foot

Note:
 The mostly-hollow floor will be used to run the cables and wiring

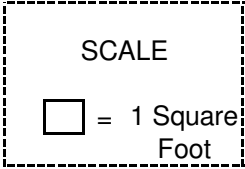
In order to be sound-proof, the windows and doors will be built as shown below.



The Floor will be lifted a foot above the ground level (making the interior walls 7 ft. high). The floors will be specially made to help localize sound, and remove unwanted sources of sound. The design of the floor is shown below.



Wire Run Layout



Notes:

A sound-proof opening will be made near the portable wall in order to allow for minor adjustments of the microphones from within the recording room.

Another opening will be made between the two rooms under the floor, and in the sound room behind the equipment table.

