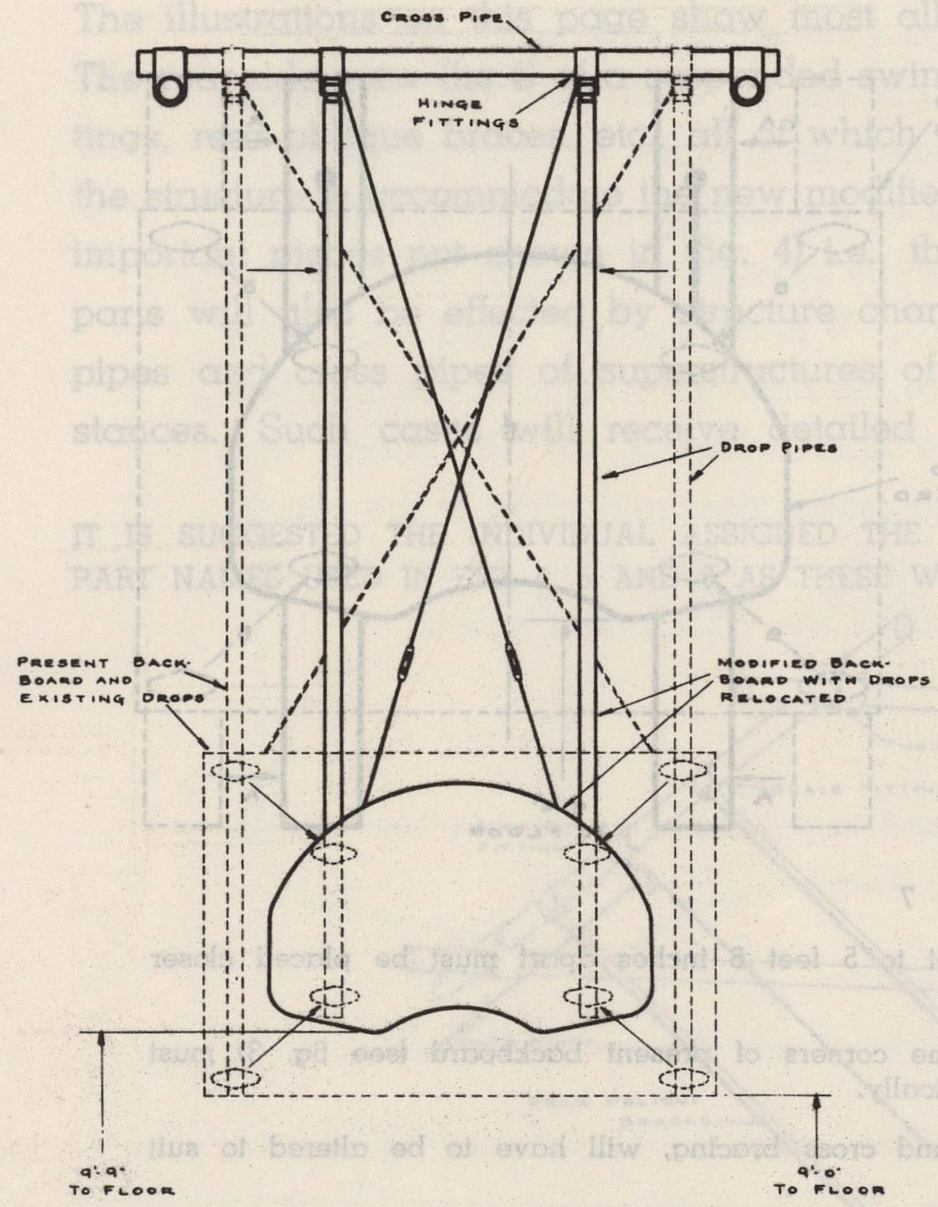

Fig. 10

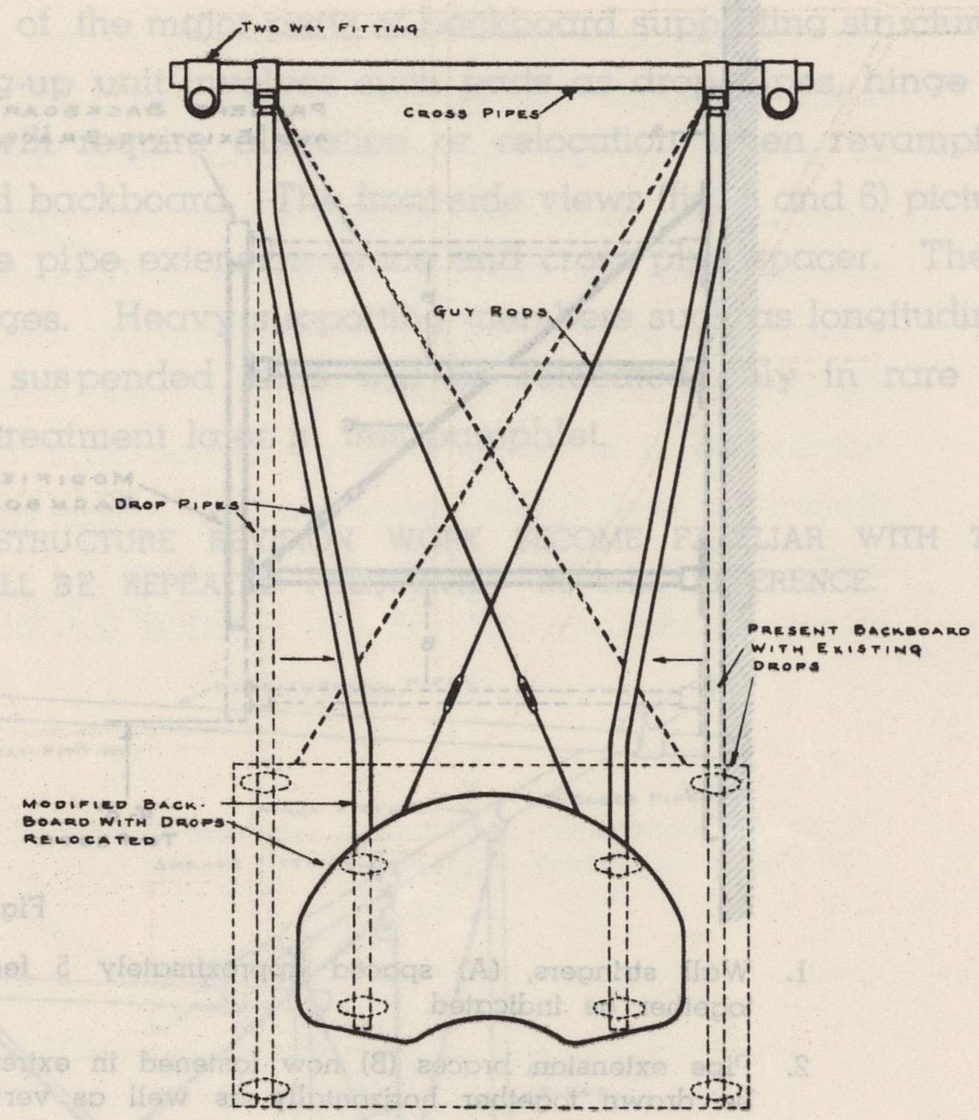

Fig. 11

Most suspended structures are constructed so that the pipe drops and rear braces can be relocated by merely loosening the clamp portion of the hinged fittings and sliding the members along the cross pipes to the desired locations. In the above illustrations 2 methods of rearranging the pipe drops are suggested. (1) When the suspension point (attachment of pipe drops to cross pipe) is 22 ft. or less above the floor the pipe drops can be replaced parallel to each other as shown in Figure 10. However, (2) if the suspension point is beyond 22 ft. above the floor it is recommended that the pipe drops be bent per Figure 11. The tapered drops will tend to eliminate side sway which might occur if drops are placed parallel on the centers required for accommodation of the modified backboard.

If the suspended structure is of the swing-up type with the rear braces extending backward and upward it is important to note that the rear braces be respaced to the same extent as are the pipe drops but be placed parallel to each other. Parallel alignment of the rear oblique braces is necessary if the structure is to hoist properly. Rear braces need not be reset parallel if the structure is a rigid frame. Such braces can be arranged with the wall, balcony or stage floor fittings remaining where they are and the rear braces arranged to extend from these fittings to the relocated drops.