Stay Plates for Chords and Batter Braces.—Shall be __________ inch by __________ inches.

Posts.—Shall consist of two channels, of sizes as marked on the accompanying diagram of stresses. The latticing for same shall vary from __________ inch by __________ inches to __________ inch by __________ inches; the bars being riveted together where they cross each other. The posts are to be attached at their ends to the chord pins, and are proportioned for both ends hinged. At the upper ends the connections are to be made by extension plates, each of which is to have a sectional area between the pin hole and stay plate equal to twice that of the channel to which it is attached. The entire stress in the posts is to be considered as carried by the extension plates and their rivets, no reliance being placed on abutting ends of channels.

Upper Lateral Struts.—Shall consist of two channels, laced, of sizes given on the diagram of stresses, rigidly attached to the chords. The lacing bars for same shall vary in section from __________ inch by __________ inches to __________ inch by __________ inches; and the stay plates, from __________ inch by __________ inches by __________ inches to __________ inch by __________ inches by __________ inches.

Portal Bracing (at each end of the span).—Shall consist of one struts, each composed of two __________ inch channels, as marked on the diagram of stresses, laced by bars __________ inch by __________ inches in section, with stay plates __________ inch by __________ inches by __________ inches; also four adjustable rods, each __________ inches in diameter. The struts are to be rigidly attached to the batter braces.

Vertical Sway Bracing (between posts).—Shall consist of two vibration rods, each __________ inch in diameter, and an intermediate strut of __________ inch I-beam, weighing __________ pounds per foot, rigidly attached to the posts at a distance of __________ feet __________ inches below the level of the upper chord pins.

End Lower Lateral Struts.—Shall consist of

_____________________________________________________________________________________

_____________________________________________________________________________________

Intermediate Lower Lateral Struts.—Shall consist of __________ inch by __________ inch pine timbers lying upon the floor beams, and well bolted thereto, and attached by wrought-iron jaws to the chord pins.