



2.6.5. Type IV Construction.

Type IV (2HH) construction shall be that type in which fire walls, exterior walls, and interior bearing walls and structural elements that are portions of such walls are of approved noncombustible or limited combustible materials.

Other interior structural elements, arches, floors, and roofs shall be of solid or laminated wood or cross laminated timber without concealed spaces and shall comply with the following dimensions.

- a. Wood columns supporting floor loads shall be not less than 205 mm in any dimension. And Wood columns supporting only roof loads shall be not less than 150 mm in width and not less than 205 mm in depth.
- b. Wood beams and girders supporting floor loads shall be not less than 150 mm in width and not less than 255 mm in depth. And Wood beams and girders and other roof framing supporting roof loads only shall be not less than 100 mm in width and not less than 150 mm in depth.
- c. Framed or glued laminated arches that spring from the finished ground level or the floor line, and timber trusses that support floor loads, shall be not less than 205 mm in width or depth.
- d. Framed or glued laminated arches for roof construction that spring from the finished ground level or the floor line and do not support floor loads shall have members not less than 150 mm in width and not less than 205 mm in depth for the lower half of the member height, and not less than 150 mm in depth for the upper half of the member height.
- e. Framed or glued laminated arches for roof construction that spring from the top of walls or wall abutments, and timber trusses that do not support floor loads, shall have members not less than 100 mm in width and not less than 150 mm in depth.

2.6.6. Type V (111 or 000) Construction.

Type V (111 or 000) construction shall be that type in which structural elements, walls, arches, floors, and roofs are entirely or partially of wood or other approved material.

2.7. Exterior Walls

- 2.7.1. Exterior walls shall have fire resistance rating in accordance with **Table 1.3. and 1.4**, whichever is greater.
- 2.7.2. Exterior walls required to be fire rated by **Table 1.3.** because of horizontal separation shall be continuous from the foundation to not less than 760 mm above the roof.
- 2.7.3. Horizontal separation distance between adjacent buildings to dictate the required Fire resistance of exterior walls shall be measured at a 90-degree angle to the **exterior** wall.