**Construction Types - Definitions**

**TYPE I-A** -- Fire Resistant Non-combustible (Commonly found in high-rise buildings and Group I occupancies).
- 3 Hr. Exterior Walls*
- 3 Hr. Structural Frame
- 2 Hr. Floor/Ceiling Assembly
- 1 ½ Hr. Roof Protection

**TYPE II-B** -- Fire Resistant Non-Combustible (Commonly found in mid-rise office & Group R buildings).
- 2 Hr. Exterior Walls*
- 2 Hr. Structural Frame
- 2 Hr. Ceiling/Floor Separation
- 1 Hr. Ceiling/Roof Assembly

**TYPE II-A** -- Protected Non-Combustible (Commonly found in newer school buildings).
- 1 Hr. Exterior Walls
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof Protection

**TYPE II-B** -- Unprotected Non-Combustible (Most common type of non-combustible construction used in commercial buildings).
Building constructed of non-combustible materials but these materials have no fire resistance.

**TYPE III-A** -- Protected Combustible (Also known as "ordinary" construction with brick or block walls and a wooden roof or floor assembly which is 1 hour fire protected).
- 2 Hr. Exterior Walls*
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof Protection

**TYPE III-B** -- Unprotected Combustible (Also known as "ordinary" construction; has brick or block walls with a wooden roof or floor assembly which is not protected against fire. These buildings are frequently found in "warehouse" districts of older cities.)
- 2 Hr. Exterior Walls*
  No fire resistance for structural frame, floors, ceilings, or roofs.

**TYPE IV** -- Heavy Timber (also known as "mill" construction; to qualify all wooden members must have a minimum nominal dimension of 8 inches.)
- 2 Hr. Exterior Walls*
- 1 Hr. Structural Frame or Heavy Timber
  Heavy Timber Floor/Ceiling/Roof Assemblies

**TYPE V-A** -- Protected Wood Frame (Commonly used in the construction of newer apartment buildings; there is no exposed wood visible.)
- 1 Hr. Exterior Walls
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof

**TYPE V-B** -- Unprotected Wood Frame (Examples of Type V-N construction are single family homes; exposed wood so there is no fire resistance.)

Note exceptions in the building code for fire resistance ratings of exterior walls and opening protection.
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