

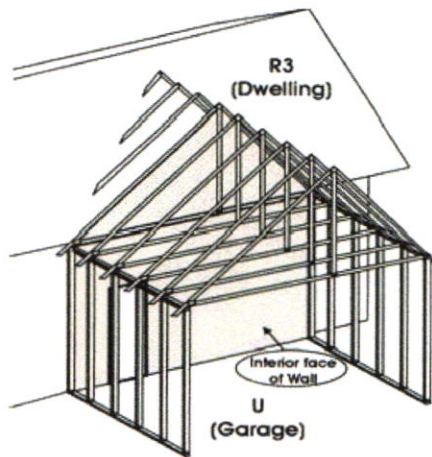
## RESIDENTIAL FIRE-RESISTIVE CONSTRUCTION

Wood Framed	Supporting Member	5/8 Type "X" GWB	Edge and Field Screw	Screw Length ASTM C 1002
Roof/Ceiling Floor/Ceiling	16" - 24" o.c.	Base Layer	24" o.c.	1 1/4"
		Face Layer <i>Joints offset 24" from base layer. 1 1/2" type "G" screws, 12" o.c., placed 2" back on either side of end joints are required.</i>	12" o.c.	1 7/8"
Walls	16" - 24" o.c.	Walls that are common with the house and garage; and walls supporting horizontal assemblies.	12" o.c.	1 1/4"
Beams & Columns	Required protection with one layer of 5/8 Type "X".			
Stairs	Enclosed accessible space under stairs shall be protected by one layer of 5/8 Type "X".			
Metal Beams & Columns	Required protection with two layers of 5/8 Type "X".			

### Fastener Substitutions:

Nails shall comply with ASTM F 547 or ASTM C 514 which are permitted to be substituted for the prescribed screws, one for one, when the length and head diameter of the nails specified in the tested system and the screw spacing does not exceed the spacing specified for the nails in the tested systems.

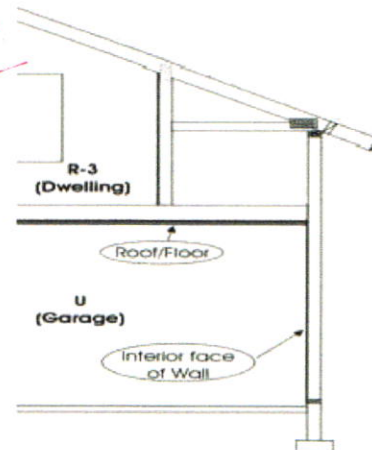
Alternate fasteners for double layer floor/ceiling and/or roof/ceiling assemblies having the same spacing as screws may be 1 7/8" six-penny cooler, box or wallboard nails for the base ply and 2 3/8" eight-penny cooler, box or wallboard nails for the face ply



**Figure 1**

Gray area – Drywall must extend from foundation to the bottom of roof sheathing. Firewall can extend horizontally into the garage trusses using the "Roof/Floor" assembly.

APPROVED  
- Coeur d'Alene  
Building Dept.



**Figure 2**

The "wall" assembly is used when the garage and house share a common wall, and for walls supporting fire separation