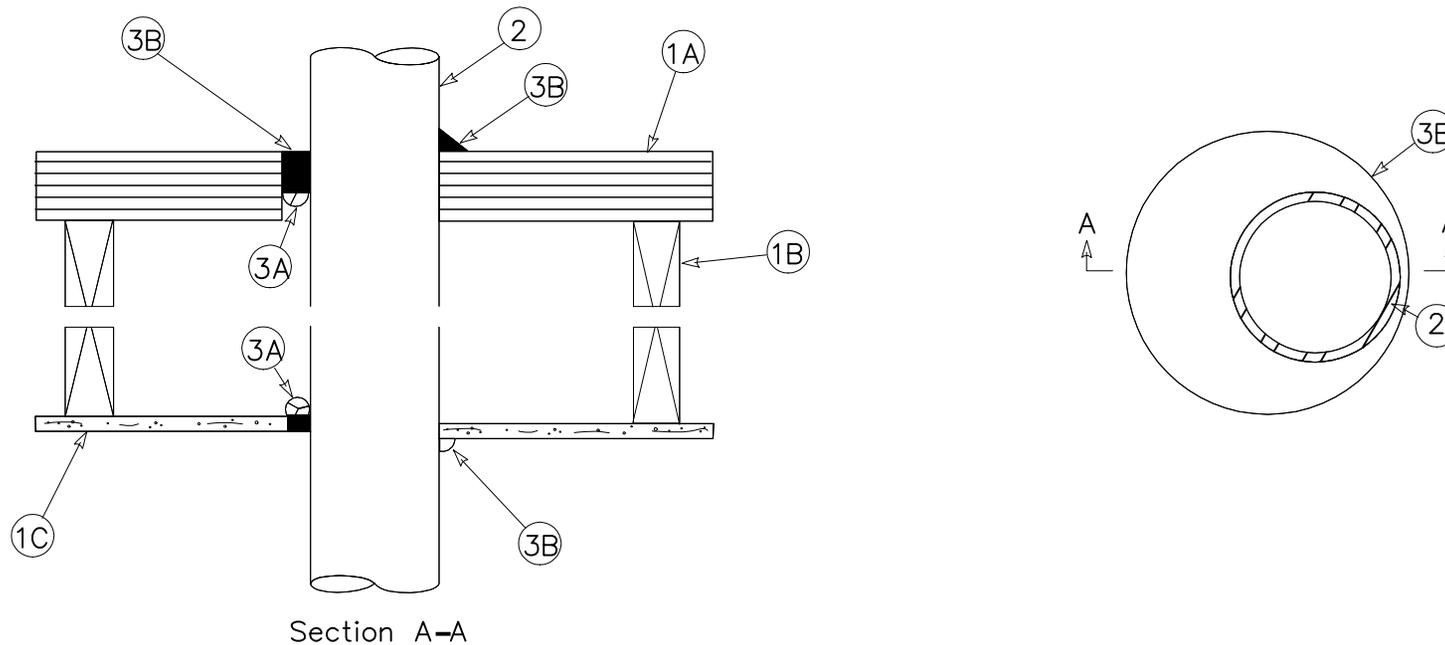


F-C-1069



1. Floor/ceiling assembly:

A.. Flooring system: 5/8" thick plywood/2"x 4" continuous wood decking.

B. Wood joist: Nom. 2" x 10" lumber joist.

C. Ceiling system: 1 layer of 5/8" gypsum wallboard, per UL Design.

2. Metallic pipe:

A. Steel pipe: 8" diameter (or smaller) schedule 40 (or heavier) steel pipe.

B. Iron pipe: 8" diameter (or smaller) cast or ductile iron pipe.

C. Conduit: 4" diameter (or smaller) electrical metallic tubing (EMT) or steel conduit.

D. Copper tubing: 4" diameter (or smaller) Type L (or heavier) copper tubing.

E. Copper pipe: 4" diameter (or smaller) regular (or heavier) copper pipe. Annular space from minimum 0" to maximum 7/8".

3. Forming and fire stop materials:

A. Forming material (optional): Foam backer rod packed into opening as a permanent form.

B. Type IA: Minimum 1/2" thick sealant applied within the annulus, flush with the top of the floor and bottom of the ceiling assemblies. Additional sealant to be applied such that a minimum 1/2" crown is formed around the penetrating item.