**SECTION 307 STRUCTURAL SAFETY

307.1 General.**
In the process of installing or repairing any part of a plumbing and drainage installation, the finished floors, walls, ceilings, tile work or any other part of the building or premises that must be changed or replaced shall be left in a safe structural condition in accordance with the requirements of the *International Building Code.*  **307.2 Cutting, notching or bored holes.**
A framing member shall not be cut, notched or bored in excess of limitations specified in the *International Building Code.*  **307.3 Penetrations of floor/ceiling assemblies and fire-resistance-rated assemblies.**
Penetrations of floor/ceiling assemblies and assemblies required to have a fire-resistance rating shall be protected in accordance with the *International Building Code.*  **[B] 307.4 Alterations to trusses.**
Truss members and components shall not be cut, drilled, notched, spliced or otherwise altered in any way without written concurrence and approval of a registered design professional. Alterations resulting in the addition of loads to any member (e.g., HVAC equipment, water heater) shall not be permitted without verification that the truss is capable of supporting such additional loading.  **307.5 Trench location.**
Trenches installed parallel to footings shall not extend below the 45-degree (0.79 rad) bearing plane of the footing or wall.  **307.6 Piping materials exposed within plenums.**
All piping materials exposed within plenums shall comply with the provisions of the *International Mechanical Code.*