

Abstract

SEISMIC SUSPENDED CEILING SYSTEM

The invention provides suspended or "dropped" ceiling systems based upon the use of standard inverted T-bar lattices. The ceiling panels are constructed from two pieces which, when assembled in place, capture the T-bar in a manner that prevents the panels from shaking loose. A suspended ceiling assembled with the panels of this invention will withstand the forces of an earthquake without experiencing panel drop-outs, and the ceiling will remain intact so long as the T-bars remain suspended from the structural ceiling above. The panels of the invention can, in preferred embodiments, carry lighting fixtures, and the required wiring can be installed and concealed below the T-bars rather than within the plenum.

Fig. 9