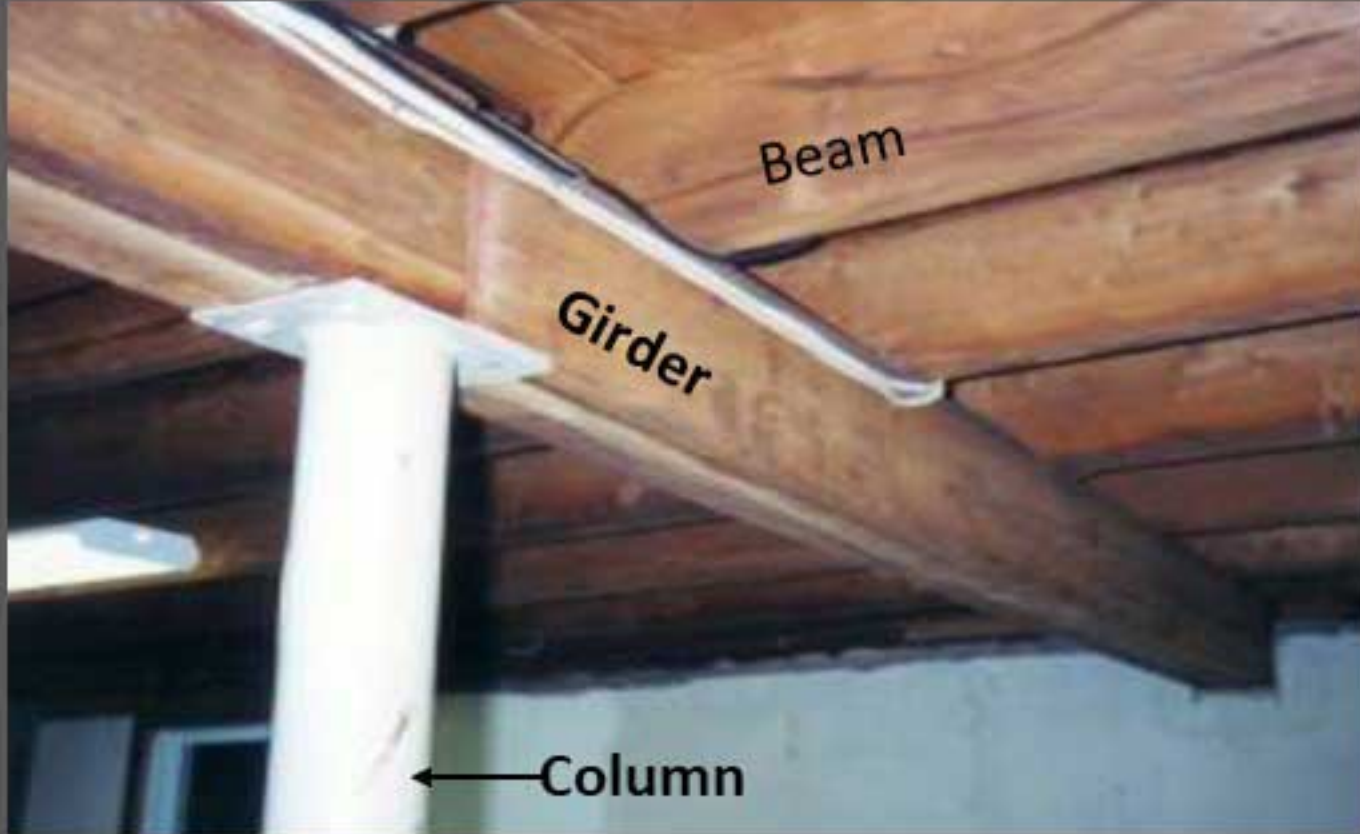


Main Street Memo

Structural Hierarchy & Floor Collapse



The term “hierarchy” as it relates to wood floor collapse indicates the seriousness of a collapse due to the failure of a bearing wall, column, girder, and beam.

While conducting building inspections or walk throughs on your Main Street be sure to check the support columns in the basement

The **most serious** collapse comes from a bearing wall failure. The next most serious failure would be a column, followed by a girder and then beams. The failure of these elements leads to a progressive collapse much like a domino falling



Rot at bottom of column from 1575 Walton Avenue in the Bronx where a collapse claimed the lives of two FDNY members, snap QR to the right for more

By: Joe Pronesti, Lexi Shady, & Chris Tobin
Photos Courtesy: FDNY Reports



Training Minutes Video

