Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/29/14

Ranor Mechanical

Commitment – Experience – Performance - Quality

Nathan Clifford Fire and Smoke Damper Code Review

A review of IBC sec 716 was completed and it was determined that a fire damper is required at two locations shown on the attached plan. The dampers are required for the duct to and from a packaged RTU on the roof which serves multiple spaces in the basement. The duct is contained in a rated shaft from the basement to the roof.

All other ducts in the building are contained within each living space and do not penetrate more than a one hour rated wall. Ducts from each apartment for bath exhaust, fresh air, and dryer exhaust penetrate shafts to the roof and are individual ducts that do not tie together falling under the exceptions not requiring fire dampers.

Please contact me with any questions or concerns.

Wesley P. Sirois, PE

P.O. Box 5036 - 962 Main Street - North Jay, ME 04262
Phone: 207-645-5109 - Fax: 207-645-5108
Email: ranor@ranormech.com