



TOWNSHIP OF WEST ORANGE

66 MAIN STREET, WEST ORANGE, N.J. 07052

BUILDING DEPARTMENT

ROBERT D. PARISI

Mayor

Tel: (973) 325-4112

Fax: (973) 325-3959

Email: WOBuilding@westorange.org

THOMAS TRACEY

Construction Official

To: All New Home and Remodeling Contractors

Re: Minimum R-Value for Duct Work

All supply and return duct work in unconditioned spaces is now required to have a minimum r-value of R-8. This includes wall and attic areas as per the newly adopted 2006 International Energy Conservation Code for permits issued after August 20, 2007.

403.2 Ducts.

403.2.1 Insulation. Supply and return ducts shall be insulated to a minimum of R-8. Ducts in floor trusses shall be insulated to a minimum of R-6.

Exception: Ducts or portions thereof located completely inside the building thermal envelope.

403.2.2 Sealing. All ducts, air handlers, filter boxes, and building cavities used as ducts shall be sealed. Joints and seams shall comply with Section M1601.3.1 of the *International Residential Code*.

Anyone having questions regarding the change should contact this department.