Blower Door Testing

Purpose

• Building envelope
• HVAC duct leakage
• Balanced HVAC airflows
• NAHB credit 3.3.6.2

Building Leakage Test

• Building envelope
  – < 0.35 ACH$_{nat}$
• Balanced HVAC airflows
  – Total airflow w/in 10% of design flow
Duct Leakage Test

• HVAC duct leakage
  – Leakage to unconditioned space < 5% of design flow
  – Total leakage < 10% of rated blower capacity
• Balanced HVAC airflows
  – Measure flow @ each supply and return register w/in 25% of design flow