

PAPER TITLE

Impact of Sheathing Installation Practices on Air Barriers

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ABSTRACT

The paper will review case histories showing the as-built condition of building sheathings and their impact on the air barrier installation. Architectural drawings call out air barriers in section drawings and details, but there are no corresponding elevation drawings showing the sheathing or air barrier layers. The sheathing installation is typically left to the contractor to determine its layout and continuity.

- Review of multifamily project examples; assessment of joint conditions.
- Methods for air barrier installation at sheathing joints.
- Impact of field conditions, installation defects, and damage on air barrier installation.
- Recommendations for contractors and designers.