

BRETT T. FAGAN, P.E.

Principal Engineer



Building Diagnostics

"The Durability Experts"



Career Summary

Brett Fagan joined Building Diagnostics, formerly Engineering Diagnostics, in January 1999. After working as a Staff, Project, and Senior Engineer, Mr. Fagan was promoted to Principal Engineer in July 2006. He serves as the Austin Branch Manager. Mr. Fagan holds undergraduate and graduate degrees in architectural and civil engineering. He is a licensed structural engineer in several states. Mr. Fagan specializes in the analysis and repair of existing facilities, with emphasis in the following areas:

- Exterior Wall Systems** Structural, aesthetic, and weatherproofing performance of window and wall systems.
 - Roofing** Design and evaluation of commercial roofing systems, including membranes, insulation, and decking.
 - Condition Assessment** Assessment of structural and building envelope components, typically for property transfers.
 - Structural Engineering** Analysis, design, and alteration of building structural systems.
 - Forensic Engineering** Failure investigations and litigation support.
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Education and Registrations

The University of Texas at Austin

Master of Science in Civil Engineering May 1999

Bachelor of Science in Architectural Engineering May 1997

Registered Professional Engineer

Arizona

Colorado

Texas

Virginia

Professional Memberships

Structural Engineer's Association of Texas, Austin Chapter - State Director 2012-2013

ASTM International

C11 – Committee on Gypsum and Related Building materials and Systems

C18 – Committee on Dimension Stone

E06 – Committee on Performance of Buildings

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Building Diagnostics, Inc.

Publications

“Durability of Brick Veneer” (with Nickie Ramm and Beth Feero)

Construction Specifier, January 2014

“Investigating Sheathing Durability” (with Adrian Saldanha)

Construction Specifier, October 2013.

“Avoid Dangerous Waterproofing” (with David H. Nicastro)

Colorado Real Estate Journal, August 2007.



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