



BUILDING DIAGNOSTICS GROUP, INC. (BDG)

- › INFRARED THERMOGRAPHY
- › AERIAL INSPECTIONS
- › WATER INTRUSION DETECTION

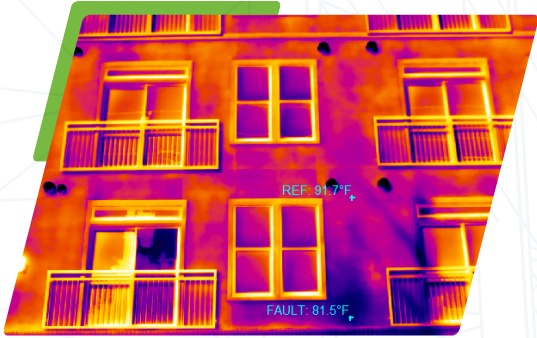


GOING BEYOND EXPECTATIONS

Building Diagnostics Group, Inc. (BDG) is a multifaceted consulting firm specializing in the non-destructive detection, investigation, and resolution of water intrusions on multi-family, commercial, industrial, and institutional buildings. We routinely perform these services nationwide for many Fortune 100 companies.

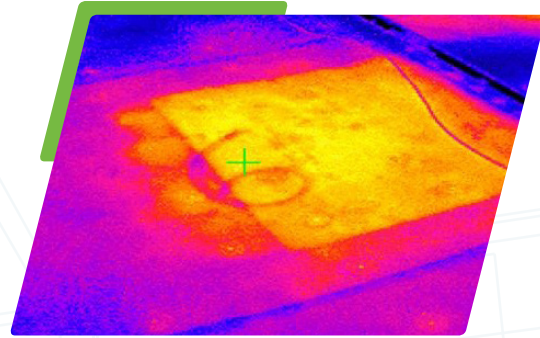
The word "GROUP" in our name is our commitment that we can meet the needs of your project. We have working relationships with many qualified individuals throughout the United States. From Certified Thermographers, Certified Industrial Hygienists (CIH) for indoor air quality investigations to many different disciplines of engineering services, we have the experience and knowledge to handle any size project.

INFRARED THERMOGRAPHY



EXTERIOR FACADE INSPECTIONS

Concerned with the structural integrity of your building? Infrared thermography can be used to detect water intrusions that can lead to expensive damage to structural components.



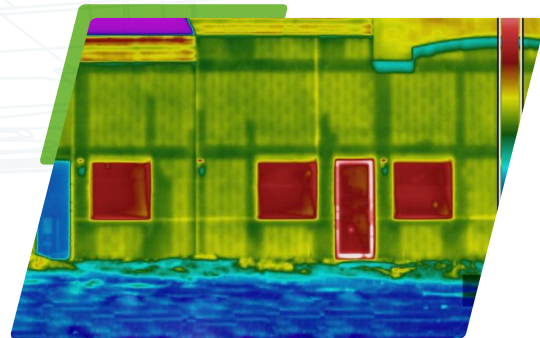
COMMERCIAL ROOF INSPECTIONS

Roof maintenance is vital to keep your building investment performing for you, and infrared thermography can provide a non-destructive method to determine the overall condition of a roof or identify the source of an active roof leak.



INTERIOR MOISTURE ASSESSMENTS

Whether we document water intrusions for due diligence, confirm that the building is dry, track leaks to the source, monitor the drying process, or recreate the intrusion events, you can always count on us to provide accurate results.



STRUCTURAL EVALUATIONS

Infrared thermography is the best tool for the surveying of a masonry wall to find deficiencies in the structural components. It is a fast, inexpensive, and accurate method of quality control for grouted masonry, and it also provides photo documentation of the project.

WATER PENETRATION TESTING



QUALITY ASSURANCE TESTING

Third-party quality assurance testing is performed to give the building owner, investor, or lessee confidence in the storefront/curtain wall installer's work. This testing has proven to help improve overall project quality control by providing accountability for the general contractor and subcontractors involved in the installation process to ensure quality work.



ASTM & AAMA TESTING SERVICES

Water penetration testing is becoming standard on most new construction projects, and our knowledgeable staff is ready to help guide you through your next project testing needs. BDG performs water penetration field-testing procedures relative to evaluating the performance of newly installed windows, storefront, curtain walls, skylights, and exterior building facades.



MASONRY WALL DRAINAGE TESTING

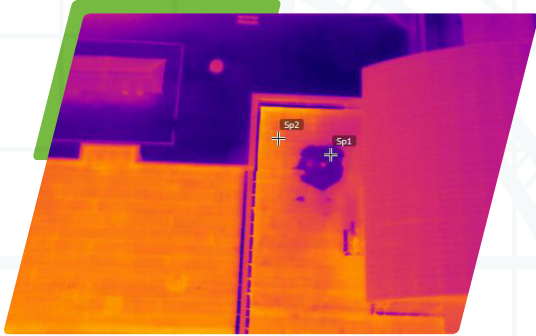
Is your brick masonry wall leaking? It is most likely caused by a failure in the thru-wall flashing. Drainage testing can be used to identify failures in flashing systems, document areas of active water intrusions, determine the effectiveness of thru-wall flashing repairs, or provide quality assurance for new construction.



WATER INTRUSION DIAGNOSTICS

Our proven systematic approach includes visually inspecting all reported intrusions, developing a hypothesis, recreating leaks by simulating rainfall, tracing and correlating intrusions, verifying the hypothesis, and accurately reporting through field documentation.

AERIAL SERVICES



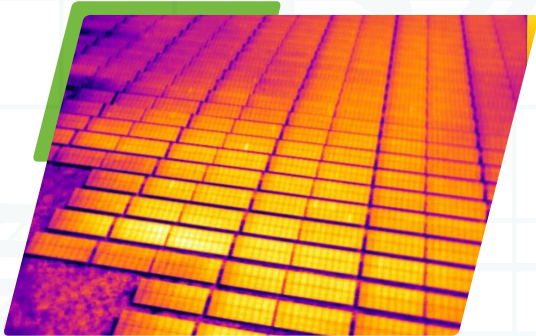
COMMERCIAL ROOF INSPECTIONS

Aerial inspections can significantly reduce the time and expense of commercial roof inspections when compared to conventional methods. Our Zenmuse XT 640×512 resolution radiometric aerial infrared camera system can produce the same high-resolution images and video that our clients are accustomed to seeing.



CONSTRUCTION SITE MONITORING

Building and construction site aerial drone inspections can be a simple one-time aerial image or multiple images over a specific period of time where aerial site data is collected at predetermined intervals or specific project milestones. This data capture requires no direct interaction with the site allowing work to continue undisturbed.



SOLAR PANEL INSPECTIONS

Aerial inspections are greatly reducing the quality assurance program cost of solar field inspections by eliminating helicopter rental, pilot payment, fuel bills, and the other costs associated with bringing it all together. Regular inspections are critical for efficient power generation, long service life, and high returns on the investment.



TOWER & STRUCTURE INSPECTIONS

We provide high-resolution digital photography and infrared thermal imaging services to help maintain, build, or modify water tower structures or any other elevated structure. Complete structure documentation includes noting visible deficiencies, the condition of the existing coating, hardware failures, and general overall tower conditions.

TESTIMONIALS

"By using the services of Building Diagnostics Group, we managed to detect problems in the structural integrity of our building. Without any inconvenience or intrusive testing they successfully pinpointed structural problems before the building was commissioned. BDG saved us thousands of dollars and also saved us from a huge headache."

**– JENNY CALLAN,
KEATING ENTERPRISES**

"Quick, efficient and extremely informative. I would never buy another property without this service."

**– DAMIAN BARNES,
MADISON PROPERTY MANAGEMENT**

"The services provided by Building Diagnostics Group allowed me to give my clients instant answers to their moisture intrusion questions."

**– E. SCOTT OTEY,
WEST COAST ROOFING AND WATERPROOFING**



BDG-USA.COM • (888) 317-4568

8343 ROSWELL ROAD, # 381 • ATLANTA, GA 30350