



## Forensics.....

### Forensic Architecture

Forensic Architecture includes the investigation and analysis of existing structures. Forensic applications in buildings are typically implemented due to varying degrees of damage and or failures to building components. This may include water intrusion inside of the building envelope, failure of structural elements, damage by fire or inclement weather. Forensic investigations are also performed for establishing building maintenance programs, facility audits and life-cycle costs analysis.

### Application

Forensic Architecture is a crucial component commonly utilized in architectural and construction related disputes. Beginning with a comprehensive condition survey, the existing conditions are investigated and analyzed based upon the damage and or failures involved. Destructive testing is sometimes necessary to ascertain specific information regarding covered materials and components. Special testing is sometimes performed when certain factors are involved. These tests may include hazardous material tests for ACMs (asbestos containing materials), lead-base paint and mold. Other tests sometimes performed include sound-proofing tests of tenant separation walls and floor-ceiling assemblies, water test of windows and doors, and material testing. The types and amount of testing required is typically determined throughout the condition survey process as additional information becomes available.

### Document and Data Management

Upon completion of the forensic investigation process, data management and analysis becomes the focus. A forensic investigation on a multi-building project for example can result in thousands of photographs, hours of video, hundreds of pages of notes and multiple material samples. Adhering to strict guidelines regarding document management, preservation of evidence and chain-of-custody is vital to ensuring accurate findings and conclusions.

### AAG Forensics

The Architectural Alliance Group has performed forensic investigations and analysis on over one-million square feet of existing buildings. These investigations have been performed in the context of litigation support services, insurance claims, facility audits and controlled maintenance.

### Repair Implementation

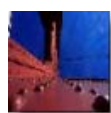
The Architectural Alliance Group brings a unique approach regarding forensic architecture in the context of expert witness and litigation support services. Upon request by the client, AAG will prepare design and construction documents, incorporating the necessary recommendations for repair. AAG will also provide construction management and administrative services necessary to ensure that the repairs are constructed in conformance with the repair plans.



Alternative  
Dispute  
Resolution



Litigation  
Support  
Services



Forensics



Risk  
Management



Owner  
Representation