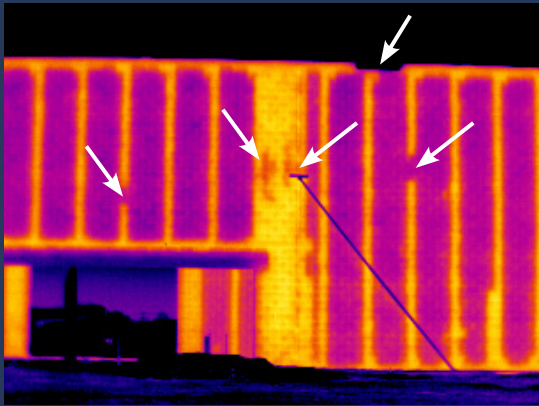


## Our Network of Contractors

BlockWallScanIR™ is a network of infrared thermographers who have been trained specifically in the application of CMU (Concrete Masonry Unit) Wall Thermography.

All the network members are experienced building technicians, Certified Infrared Thermographers, and have been trained in infrared thermography of masonry structures.

The thermographers all own their own companies and are members in good-standing in the BlockWallScanIR™ Network.



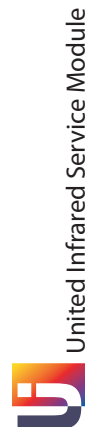
CMU Wall Quality Assurance

## Why Use Our Service?

- We have examined thousands of CMU walls.
- We have been refining our methodology and techniques for over 20 years.
- We use state-of-the-art infrared equipment.
- We have the attitude for getting results under even the most trying conditions.
- We produce photographic-quality reports that are easy to read and understand for anyone picking up the report.



United Infrared, Inc.  
8472 Adams Farm Road  
Randleman, NC 27317-7331  
888.SCAN.447



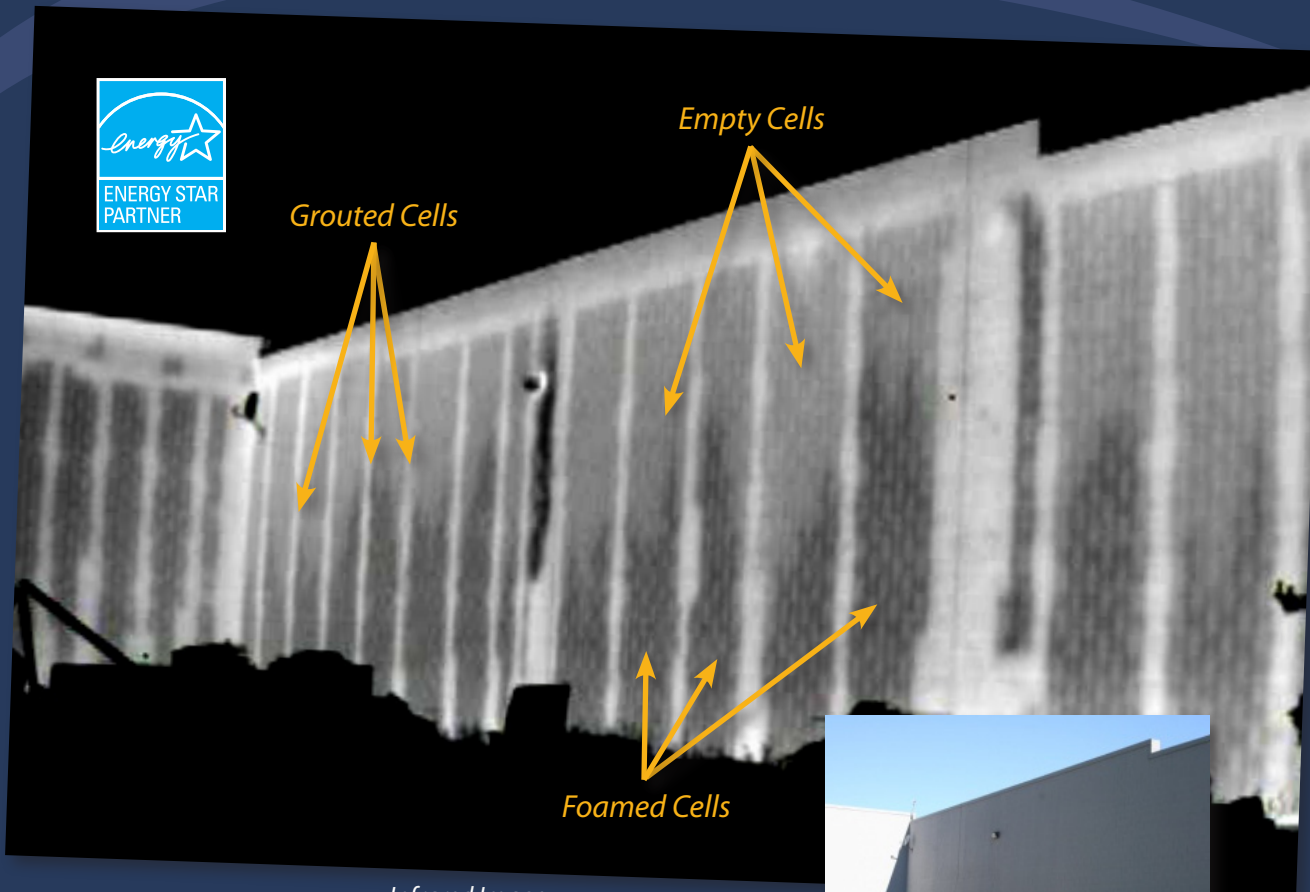
We **detect** and **document** structural and thermal **deficiencies** in CMU walls

call **(889) SCAN-447**

Or visit us online at  
[www.blockwallscanir.com](http://www.blockwallscanir.com)



this is what we **see** with an **infrared** camera...



*Infrared Image*

**BlockWallScanIR™** method is accurate, non-destructive and inexpensive.

This is the best way to see the grouted cells, insulation and air-leakage in the entire wall section. Infrared testing can be performed at any time during the construction process, without delaying or interrupting any other trades or affecting the progress of the building.

You might think that the only way that one can know whether the grouted cells, bond beams, insulation and other components of a CMU (Concrete Masonry Unit) wall are properly



*Visual Image*

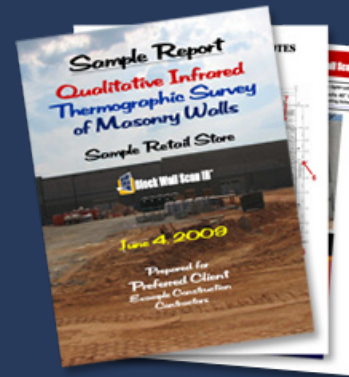
placed, is to open the wall with hammer or drill, where the grout or insulation is supposed to be and see if it is there.

But this destructive testing is inadequate, because this sample is much too small (often less than one ten thousandth of a percent). Also, the tiny sample does not show where blockages (to the proper filling of insulation) and/or too much grout exists. The only other effective options are to X-ray the walls or tear them



down, which are both extremely expensive.

Structural and thermal problems in a CMU building are common. If the wall receives a trauma like a hurricane force wind, earthquake or tornado and customers or workers inside the building are hurt, the legal ramifications can be devastating. A forensic examination of a block wall laid on the ground post-event will most likely reveal some thermal and structural deficiencies. The building owner, architect, structural engineer, general contractor and masonry contractor can and probably will be held accountable if and when these deficiencies are documented.



Two major benefits arise from having a BlockWallScanIR Survey for your project:

- When deficiencies are found, a report can be generated so that corrections can be made with surgical precision.
- The owner gets what he paid for and designers can 'literally' see that their specifications have been followed.