

# **Inspection Services, Commercial and Residential Buildings**

## **Now Offering Infrared Thermal & Borescope Imaging**

Stephen G. Schraufnagel is a certified building inspector with over 30 years of experience. He has inspected over 6,000 commercial and residential buildings during this time.

### **Our Objective:**

Highly skilled professionals will present the client with written documentation describing not only the condition of the building/property that is being inspected, but possible solutions for any problematic discoveries. The inspectors are also available by phone or appointment, should any further explanation be necessary. All photographs taken during the inspection are made available to the customer in electronic format.

### **What is Inspected?**

- Sidewalks, Driveway, and General Stormwater Drainage of Site
- Foundation System (Crawlspace, full Basement, height in Crawlspace, etc.)
- Framing System (Wood, spacing, beams and columns)
- Roofing System (Layers and life expectancy, venting, eave trough and stormwater drainage)
- Siding (Layers, wood, vinyl, type, painting, etc.)
- Decks and Porches (Framing, foundation system and connections)
- Windows and Doors (Combinations, glass type, cladding, etc.)
- Interior Walls, Ceilings and Floor Finishes
- Insulation (Foundation, walls and ceiling/roof)
- Electrical System (Utility source, service type, panel, etc.)
- Heating and Air Condition Systems (Including supply source, fireplace, Infrared Camera Imaging, etc.)
- Plumbing System (Materials used, water heater, pressure tank, etc.)
- Sanitary and Water Supply Systems (City / Private, field, tanks, mound, depth of well, etc.)

### **TYPES OF INSPECTIONS:**

#### **Commercial Inspections**

C&S Design & Engineering, Inc. offers commercial building inspections to ensure quality during the construction process and continuing quality in the longevity of the building itself.

#### **Residential Inspections**

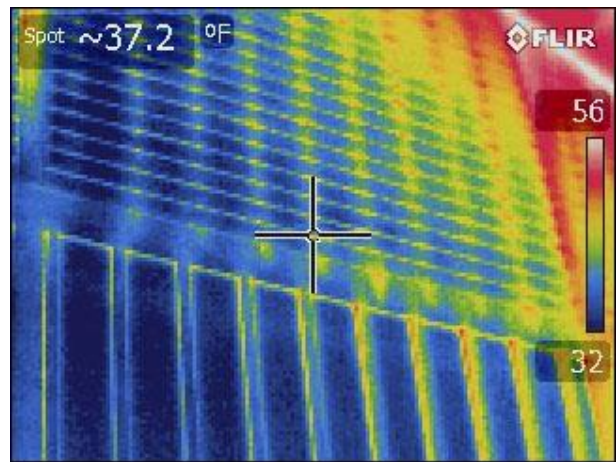
Pre-Purchase Inspections: C&S Design & Engineering, Inc. has the experience and expertise needed to provide potential home buyers with the necessary insight before making a purchase.

## Structural Inspections

Our structural inspections start from the ground up and include: building foundations, on grade cement slabs, crawlspaces, full basements, floor framing systems, walls, posts, beams, attics and roof structures.

## Weatherization Inspections

Weatherization inspections include: inspection of ceiling/attic insulating materials, exterior wall insulation, and examination of the doors and windows. We also utilize highly specialized equipment, such as a thermal imaging camera (see example of images below) and a borescope, to check the quality of insulation and a borescope, to check the quality of insulation and wall cavity makeup throughout the building.



## UDC Inspections

The purpose of the Uniform Dwelling Code (UDC) is to establish uniform statewide construction standards and inspection procedures for one and two-family dwellings. The UDC is the statewide Wisconsin building code for all one and two-family dwellings constructed after June 1, 1980.

The professionals at C&S Design & Engineering, Inc. notice the little things that make a big difference.