

## Other GCA Core Services

### Civil and structural Engineering

- Commercial and industrial structural design and alterations.
- Retail, School, Leisure and New Build.
- Total project management.
- Geotechnics.
- Listed buildings.
- Structural calculations.

### Highways and Infrastructure

- Highways solutions for developers.
- Highway approval negotiation with the Planning Authority.
- Design of sewers, highways infrastructure and obtaining consents.
- Car Parking solutions.

### Transportation and Safety

- Disability, mobility and user audits.
- Commuter and School Travel Plans.
- Road Safety.
- Transport Assessments.

### Expert Witness & Legal Services

- Party Wall Act disputes.
- Expert witness reports.
- Dispute resolution.
- Planning inquiries and support.

### Conservation Engineering

- Sympathetic conservation
- Conversion or adaption
- Condition surveys
- Total refurbishment

**GCA** has provided an independent professional consultancy service, offering cost effective investigation, design and management of Civil, Structural, Highway and Transportation Engineering projects since 1975.

If you would like more information or would like to discuss the ways in which our services could benefit you please contact us at:

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#### GCA Web Page

[www.gca-consulting.com](http://www.gca-consulting.com)



**Structural Engineers Report**  
Do you need one?

*We specialise in:*

*Civil & Structural Engineering  
Structural Surveys  
Highways & Infrastructure  
Transportation & Safety  
Expert Witness & Legal Services  
Conservation Engineering*

[www.gca-consulting.com](http://www.gca-consulting.com)

## Structural Defects Report

This type of report is usually requested by a valuer or surveyor following their inspection of the property and relates to one or two specific defects for which he requests the opinion of a Chartered Structural / Civil Engineer.



Once instructed, we will make arrangements to visit the property, inspect the specified defects, and produce a formal Report giving an opinion as to cause and structural significance, together with recommendations for further investigations if required, or where appropriate suggest in outline only the scope of any necessary remedial works.

A similar service to that described above can be carried out for a vendor of a property where concerns have been raised by a potential purchaser.



The inspection and the preparation of the Report will be undertaken by an experienced Chartered Engineer and the opinions expressed will be based upon his/her expertise.

For your security all Reports by GCA are backed by £5m professional indemnity insurance cover.

## Full Structural Inspection Report

This type of Report is usually recommended by valuers, surveyors or legal representatives where the overall structural condition of a property causes concern, and a second opinion is deemed desirable to give an independent overall assessment of the condition of the structure prior to purchase.

We will make arrangements to visit the property, inspect both externally and internally all easily accessible areas where the view is not obscured, including cellars and roof spaces. We will subsequently produce a formal Report, giving an opinion as to the cause and structural significance of any apparent defect, together with recommendations for further investigations if required, or where appropriate suggest in outline only the scope of any necessary remedial works, including general advice about the likely affects and need to treat any nearby trees and shrubs.

Unless specifically mentioned the survey will exclude an inspection of the electrical and mechanical installations, and all other non-structural matters; it is not normal practice to lift floor coverings or floorboards, remove panels or plaster, or move heavy or bulky items of furniture.

The inspection and the preparation of the Report will be undertaken by an experienced Chartered Engineer and the opinions expressed will be based upon his/her expertise.

For your security all Reports by GCA are backed by £5m professional indemnity insurance cover.

## Additional Information

If instructed, using the databases available to us, we can undertake a desk top study to investigate the likely vulnerability of the property to:

- Flooding
- Radon emissions
- Land slip
- Air quality
- Waste disposal sites
- Subsidence
- Coal mining
- Land fill
- Pollution

## What Else can GCA do for your property?

- Help in lodging Insurance Claims.
- Party Wall Act compliance and surveys.
- Dispute Resolution.
- Surveying land and buildings, including monitoring of movement.
- Proposing remedial works eg underpinning or strengthening.
- Designing extensions and alterations to existing structures.
- Preparing drawings, calculations and specifications.
- Obtaining tenders and Building Regulation approval.
- Administering the contract to satisfactory completion.