



Structural Design

| Structural Designs | Structural Appraisals & Inspection |
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| <p>Auto Cad drawings Brickwork design Building alteration Building regulation structural calculations and details structural drawings. Building regulation submission, part A. (Structural) Connections joints between structural beams. Design and detailing of structural members. Design and detailing (structural proposals) for new houses. Designs in steel, concrete, timber and masonry Extensions, structural drawings. Foundation design. Foundation feasibility, type, required width and depth. Industrial and commercial buildings Layout of beams, lintels, load bearing walls/piers and posts. Listed building proposals for structural repairs and alternation. Load bearing wall removal/alterations. Loft conversion structural designs Masonry design Residential buildings Roof conversion structural designs Steel beam design Strengthening and modification of buildings Structural alterations Structural calculations Structural detailing Structural drawings and plans Structural feasibility Structural frames Structural renovations Timber design Timber frame Timber joist sizes. Underpinning Wall removal assessment</p> | <p>Structural appraisals & inspections Brickwork structural problems and defects Building stability appraisal Crack inspection Crack monitoring Cracks and bulges in walls Defect investigation Eaves spread Fire damage assessment Fire damage inspection and reinstatement Floor deflection and movement Floor subsidence and damage Foundation investigations Foundation movement Impact damage assessment Listed building structural inspections and repairs Loft conversions Sagging roofs and roof spread Specific defect inspection and report Strengthening and modification of buildings Structural defect investigation Structural appraisals of buildings Structural damage assessment by fire, water and/or impact damage. Structural defects inspection Structural engineers report for mortgage purposes Structural engineers reports and surveys Structural engineers subsidence damage reports Structural failure investigation Structural inspections of buildings Trees near houses Wall removal assessment Water damage assessment</p> |