

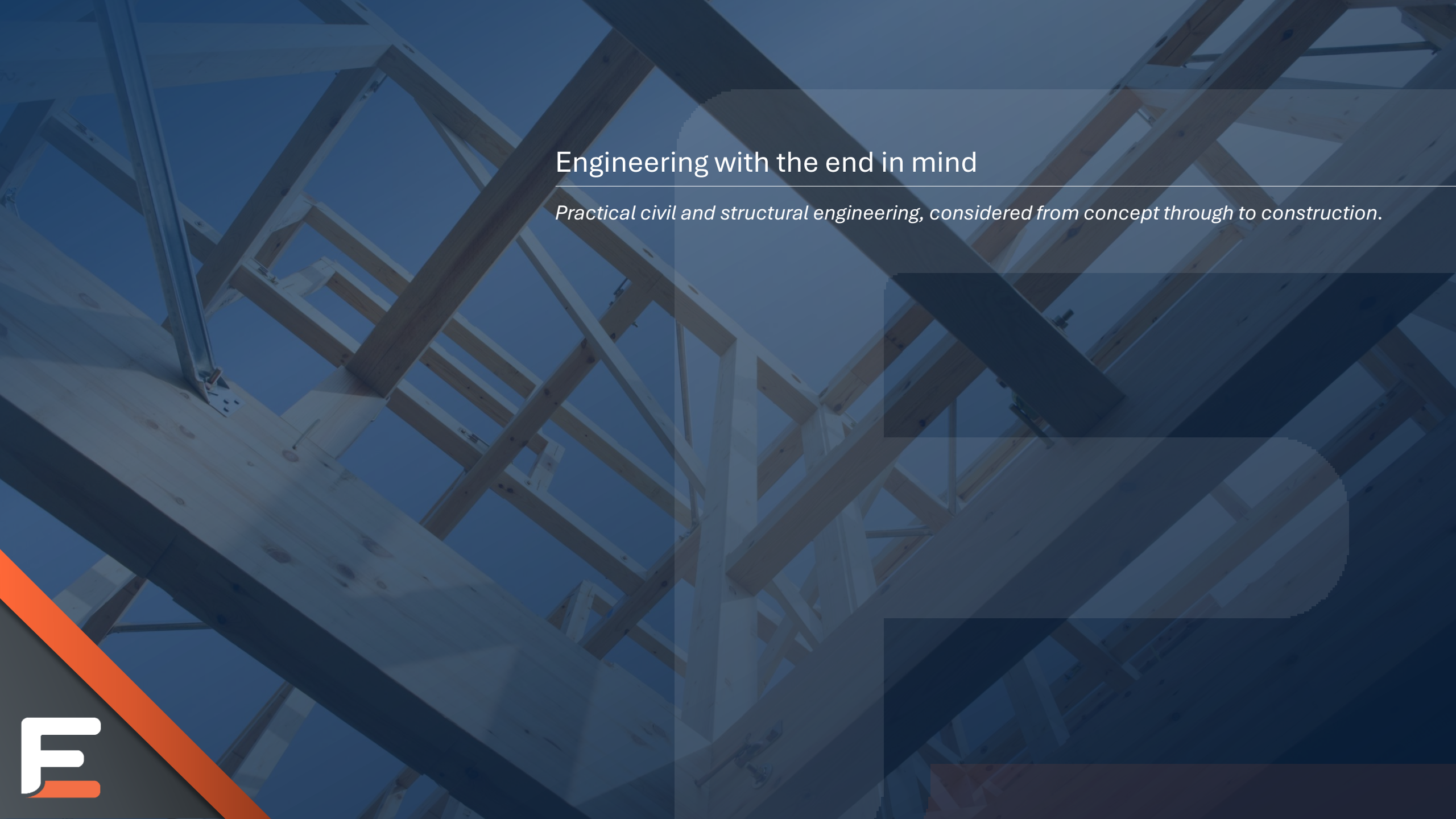
DETAIL A
SCALE 1:10

ENGINEERING
WITH AN **END**

F FINITAS ENGINEERING

Civil & Structural Engineering Capability Statement

STRUCTURES
CIVILS
SURVEYS
INSPECTIONS



Engineering with the end in mind

Practical civil and structural engineering, considered from concept through to construction.



About Finitas

Practical engineering.

Quality solutions.

Finitas means 'with an end', and that principle sits at the heart of how we work.

Finitas Engineering is a civil and structural engineering consultancy providing practical design, assessment and technical support across the built environment.

We look beyond the immediate calculation or design task to understand how our work fits into the wider project. From early feasibility through detailed design and construction, our focus is on developing safe, coordinated and buildable engineering solutions that help projects progress.

We work collaboratively with clients, architects, contractors and fellow consultants, providing clear engineering advice backed by extensive industry experience.



Collaborative
Working together to
achieve more



Practical
Buildable solutions
that work



Sustainable
Engineering for
the long term



Andrew Snowball
Managing Director

BSc (Hons), CEng, FICE, TIStructE

Andrew is a Chartered Civil Engineer and Fellow of the Institution of Civil Engineers with more than 18 years' experience in civil and structural engineering.

His experience spans building structures, development infrastructure and major projects across the UK and internationally, working across healthcare, education, commercial, residential and infrastructure sectors.

Alongside technical design and project delivery, Andrew has extensive experience in engineering leadership, design management and technical assurance. He remains actively involved in the technical delivery of Finitas projects, providing clients with direct access to experienced engineering advice throughout their project.

Andrew is also actively involved in the wider engineering profession, holding senior regional and national roles including North East Chair of the Institution of Structural Engineers and North East Senior Vice Chair of the Institution of Civil Engineers, alongside involvement in professional review, training and industry development.

“ “ We take the time to understand the bigger picture, working collaboratively to deliver engineering solutions that are safe, practical, and fit for the future ” ”

— **Andrew Snowball**



Our Capabilities



Structural Engineering

Design, assessment and detailing of building structures, from new-build to alterations to existing buildings.

- Building structures
- Steel, concrete, masonry & timber
- Existing buildings & alterations
- Structural surveys & assessments
- Foundations & retaining structures
- Structural calculations & detailing



Civil Engineering

Engineering for sites and infrastructure, integrating structures with the surrounding development.

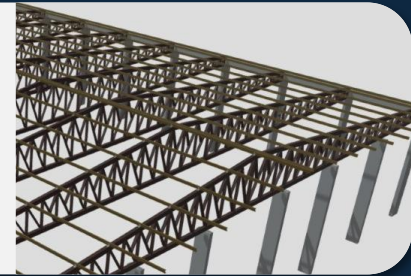
- Drainage design
- SuDS & attenuation
- Flood risk
- External works & levels
- Highways & access
- Site development & infrastructure



CAD & BIM

Coordinated drawings and models using modern CAD and BIM workflows to support design development, coordination and construction.

- Revit & AutoCAD
- Civil 3D
- 3D modelling & coordination
- Drawings & construction information
- Model-based collaboration



Surveys & Inspections

Condition surveys and inspections to assess structures. Drone surveys support safe inspection of roofs and difficult-to-access areas.

- Structural condition surveys
- Defect investigations
- Roof & high-level inspections
- Drone surveys & aerial imagery
- Difficult-access inspections
- Progress monitoring



Our Experience

Finitas Engineering is supported by extensive civil and structural engineering experience gained across consultancy, contracting and major infrastructure environments in the UK and internationally.

Our experience spans projects of varying scale and complexity, from individual building inspections and alterations through to major developments and infrastructure.



Healthcare & Education

Supporting people, place & communities

Experience includes civil and structural engineering across healthcare, care and education environments, including new-build, refurbishment and alteration projects.

Typical experience includes:

- New-build care homes and supported living facilities
- Alterations to operational healthcare buildings
- School extensions
- Structural assessments and strengthening of existing buildings



Commercial & Residential

Individual buildings to large developments

Experience ranges from bespoke residential projects and individual building alterations through to multi-unit residential developments, commercial buildings and associated civil infrastructure.

Typical experience includes:

- Bespoke residential homes
- Multi-unit residential developments
- Commercial and industrial buildings
- External works, SuDS and site infrastructure
- Refurbishment and change-of-use projects



Infrastructure & Wastewater

Engineering for a resilient future

Experience includes wastewater and infrastructure projects covering below-ground structures, drainage networks and associated civil works.

Typical experience includes:

- Wastewater treatment infrastructure
- Below-ground reinforced concrete structures
- Drainage and attenuation systems
- Major infrastructure projects
- Engineering within live infrastructure environments



Civil & Structural Engineering

CAPABILITY STATEMENT

Engineering with the end in mind

 +44 (0)191 5402 118

 info@finitasengineering.co.uk

 www.finitasengineering.co.uk

 Durham | London | Yorkshire



