

WELLAN Ltd

Consulting Engineers

CIVIL AND STRUCTURAL

ENGINEERING

SERVICES AND EXPERTISE

WELLAN Ltd

Consulting Engineers

Services

Structural Engineering:

Building Design
Foundations
Ground Improvement Solutions
Feasibility/Option Studies
Condition Reports
Subsidence Remedials

Condition Surveys

Planning Supervision

Performance Specification

Civil Engineering:

Drainage
Hardstandings
Retaining Walls
Highway Structures

Maritime and River/Flood Engineering (in Association with John Young Associates):

Flood Risk Assessments
Maritime Engineering
Marinas

Sustainability

Contact

Wellan Ltd

Contact

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What we offer

About Wellan Ltd:

Wellan Ltd was formed in October 2003 to provide the highest standard of civil and structural engineering design consultancy.

Our degree of expertise is the result of many years of experience gained in both the Consultancy and Contracting Sectors.

Clients are assured of a personal service, which will be applied to their project from concept to handover and beyond.



The Approach

Wellan are prepared to approach a Client's project with an open and receptive mind, as pre-conceptions are often incompatible with the optimum solution.

Key features of the Wellan approach will entail:

- an appreciation of the Client's priorities
- a team approach
- proactive response
- innovative solutions
- lateral thinking

We will not be limited by the expectations of Clients or the construction industry's standard approach.

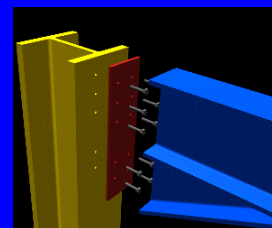
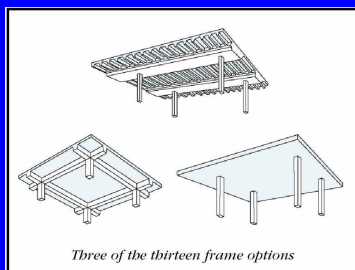
Excellence in engineering is taken as read.

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Structural Frames

Steel Frames
Concrete Frames
Composite Structures
Flat Slabs



3-D analysis
Rapid solutions

Connection Design
Portal frames

Steel frames

- Sway
- Braced
- Wind-moment
- Composite metal formwork
- Composite precast planks
- Flexible designs
-

Concrete frames

- in situ
- precast
- flat slabs

Foundations

- Ground-bearing
- Raft
- Piled
- Basement
- Ground Improvement

Performance specifications

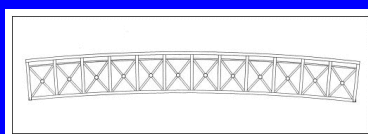
- fabricator design
- developer requirements
- third party reviews

Economy

Buildability

Flexibility

Civil Engineering



External Works

- Hardstandings
- Retaining walls
- Reinforced earth
- Site access
- Site levelling/Earthworks
- Ground Improvement
- Drainage

Highway Structures

- Footbridges
- Culverts

Maritime and River Engineering

- Flood Risk Assessments
- Negotiation with Environment Agency
- Marina development




Design

Feasibility

Supervision

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<p>Traditional Design</p> 		
<p>Timber Design</p> <ul style="list-style-type: none"> - Fitch beams - Box Beams - Traditional trusses - Barn conversions 	<p>Load bearing masonry</p> <ul style="list-style-type: none"> - Reinforced masonry - Prestressed masonry - Diaphragm walls - Fin walls 	<p>Listed Building Consents</p> <ul style="list-style-type: none"> - Planning requirements - Sensitive design - Traditional materials
<p style="text-align: center;">Design</p>	<p style="text-align: center;">Feasibility</p>	<p style="text-align: center;">Supervision</p>

<p>Health & Safety</p> 		<p>Design And Build</p>
<p>Health & Safety Coordinator Pretender Health & Safety Plans</p>	<p>Risk Analysis</p>	<p>Contractor solutions</p> <ul style="list-style-type: none"> - Faster construction programmes - Alternative materials <p>Alternative design solutions</p> <ul style="list-style-type: none"> - modular - prefabricated
<p style="text-align: center;">Design</p>	<p style="text-align: center;">Feasibility</p>	<p style="text-align: center;">Supervision</p>

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Sustainability	Life Cycle Costing	Energy Efficiency
		
<ul style="list-style-type: none">-Recyclable materials-Embedded energy-Waste minimisation	<ul style="list-style-type: none">-Flexible design-Energy use-Maintenance cycles	<ul style="list-style-type: none">-Natural cooling-Thermal mass- Natural light
Design	Feasibility	Supervision

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Current Projects

Banbury Nursing Homes (project value 2.0m)
Stratford Victoria Hotel Rerbishment (£4.0m)
Stratford Manor Hotel Extension (£8.0m)
Industrial Research Facility (£1.0m)

School Classroom Extension, Banbury (£0.4m)
Kineton Nursing Home (project value 2.5 m)
Site infrastructure for Housing Developments
Hilton Hotel Refurbishments

Clients

Brooklands Nursing Homes
Prime Life Nursing Homes Ltd
Grange School, Banbury
Birmingham Diocese Schools Board
Warwick Schools Foundation
Banbury Charities (Alms Houses)
The Ridgeway School
Hilton Hotels
Howland Developments
Millbridge Homes Ltd
Paramount Properties
QHotels
St Joseph's School, Banbury
Certain Securities Ltd