Finley Structures Ltd Quarterly Newsletter
Issue 1, July 2011

FINLEY
structures

Family-run firm established 2000

ZERO HARM
THINK!

Inside our first issue...

The Science of Steel



Our Projects



Stand and Deliver



About us...

Finley Structures Limited was formed in August 2000 and is a family owned company providing structural steelwork to the construction industry.
Their premises are based on the Newton Aycliffe Business Park, in County Durham, providing a central location and flexibility to supply the whole of the UK.
Whilst providing a wide range of structural solutions, the company specialises in the production of portals, trusses, beams and columns.
Finley Structures Limited is determined to ensure that customers' requirements are met at all times with quality and cost being at the forefront.
As a team we ensure that delivery is timely and strive to achieve a first class reputation and be at the leading edge within the construction industry.
We are continuously investing to ensure we have the latest technology and software. More than £1m was invested in its production facility in 2008, with a second saw and drill line and robotic coping line as well as an SA2.5 shot blast facility.
The investment was approved and undertaken by the Board of Directors to give us the ability to manufacture in excess of 200 tonnes of steel per week to meet increasing demand as the customer base grows.
In July 2011, Finley Structures launched its very first quarterly newsletter, keeping employees, clients and potential new client's up-to-speed on all its projects and news.

Contact Us

Tel: 01325 328120
Fax: 01325 328121
E: enquires@finleystructures.co.uk
W: www.finleystructures.co.uk

The Finley Newsletter

Produced by Martin Walker Media & PR
Tel: 01325 311712
Mob: 07826 525907
E-mail: martinwalker50@hotmail.com
www.martinwalkerpr.co.uk

Welcome

We're very much on the up!



Welcome to our very first quarterly newsletter which contains lots of up-to-date news about Finley Structures.
The aim of our newsletter is to not only keep all our clients and employees updated on the development of our company, but it is also to showcase the wide range of talents and services that we offer.
At the beginning of the recession, like so many rival firms, Finley Structures suffered a little. However, the Company has continued to be successful since the project came back on line, and are now in a strong position within the industry.
Orders have picked up and in recent months we've secured prestigious contracts to supply such as Nissan, car parts supplier Nifco and Sunderland Software Centre.
All our recent and current projects are included later in the newsletter.
I'd be lying if I said the recession wasn't a worrying time for everyone. We dropped from having 65 to about 50 staff and now employ 75.
The investment in the factory has made us a more competitive force in the long run resulting in us going for contracts that we may not have got in the past. Bids have to be keenly priced because it's a very competitive market, the margins are tight, but the key thing is that we are on an upward curve.
We are winning business because I'd like to think we give our customers great service and the best quality.
It is also important that we employ our own steel erectors, we have our own cranes, so that makes us self-contained, whereas most other fabricators sub-let. We can do everything.
Our base, in Newton Aycliffe, County Durham, is also the perfect location for our business. You can draw on a good workforce from the surrounding towns like Shildon, Spennymoor, Bishop Auckland and Sedgefield.
Road and rail links are also perfect, we have Durham Tees Valley Airport on the doorstep so keeping that all important face-to-face contact with our clients is pretty straightforward.
We have faced a really hard spell, but we fought back and are now starting to get the rewards.
I hope you enjoy our maiden newsletter, and enjoy reading about the continued development of Finley Structures.
John Finley
Managing Director

FINLEY structures News

Stand and deliver!



Finley Structures have stepped in to back a local football club by supplying thousands of pounds worth of steel free of charge.

The family-run company, based on Aycliffe Business Park in County Durham, have supplied the fabricated steel frame for a new stand to make Newton Aycliffe eligible for promotion to the Northern League first division this season.

The club has agreed to name the new stand in memory of William Finley, the father of Finley Structures managing director John, who is pictured with (L-R) wife and company director Valerie Finley, daughter and company secretary Julie and son and director Gary Finley.

John said: "We knew about Aycliffe's promising league position and the situation with the new stand and we were approached by Aycliffe to help them out.

"We're absolutely delighted the club have agreed to name the stand in memory of my father, who passed away in 1995. As a footballer himself, he'd be very proud."

William Finley played for various clubs at Northern League level in the 1940s and 50s, including Black Hall, Lanchester, Bishop, Ushaw Moor, Brandon and Esh Winning Albion, winning 19 trophies.

Aycliffe media manager Martin Walker said: "We're over the moon Finley Structures have stepped in to help out like this, and it would be our pleasure to name the new stand in honour of William Finley.

"Getting the stand up before the March 31 deadline will help to relieve a major burden for the football club and will enable us to focus on trying to make sure we finish in the top three of the second division."

Aycliffe have won the Northern League second division title this season and, thanks to the William Finley Stand, their ground has passed a league inspection to ensure their promotion to the first division.

FINLEY structures News

Children see the 'Science of Steel'

A group of County Durham children were treated to an afternoon of science with a difference at Finley Structures.

The year six pupils from Fishburn Primary School in County Durham took time out of the classroom to visit Finley Structures' Newton Aycliffe site, to see the process of raw steel being made into a full structure.

The youngsters were first given a 3D demonstration by a structural engineer, showing them a virtual construction on screen, before going on to the shop floor to see the steel being fabricated by the most advanced computer numerically controlled (CNC) machinery available.

They then went on-site to see the steel being erected at Durham County Council's £10m North East Technology Park (NETPark) development, near Sedgefield.

Their teacher Danny Eason said: "The whole afternoon covered maths, science and art originally, but it also demonstrated team skills and people working together, so it was hugely beneficial for the children and they thoroughly enjoyed it.

"The fascination for them was seeing the steel being prepared at Finley Structures first, how the structural engineer designed it then going on to the shop floor to see it being put together.

"They then visited the site at NETPark to see it being erected so they've seen the whole process from start to almost the finish and they found that very interesting.

"The children will produce a short film about their visit for their social media site, so the whole trip was invaluable."

The children's visit was a joint-venture by Willmott Dixon, the firm responsible for building the science park at NETPark, and one of their major sub-contractors Finley Structures.

Finley's MD John Finley added: "Both Finley and Willmott Dixon are committed to involving the community on our projects and this was a



fantastic reflection of that.

"The children enjoyed a very informative and practical lesson, both in our factory and on-site, and they were extremely responsive and inquisitive.

"We hope they got a lot out of the afternoon and we look forward to welcoming more children on future projects as we continually look to involve our local community."

NETPark houses businesses in the science and technology sector. Its new development near Sedgefield, which comprises two units all together, will provide premises for firms that have developed its incubator facilities.





FINLEY structures

Projects

NIFCO, Eaglescliffe (Teesside)

Main contractor: Tolent
Tonnage: 700 (in a five-week programme)
Description: A £8.5m state-of-the-art production facility for car parts, which will create 80 new jobs for Stockton-based NIFCO







FINLEY structures

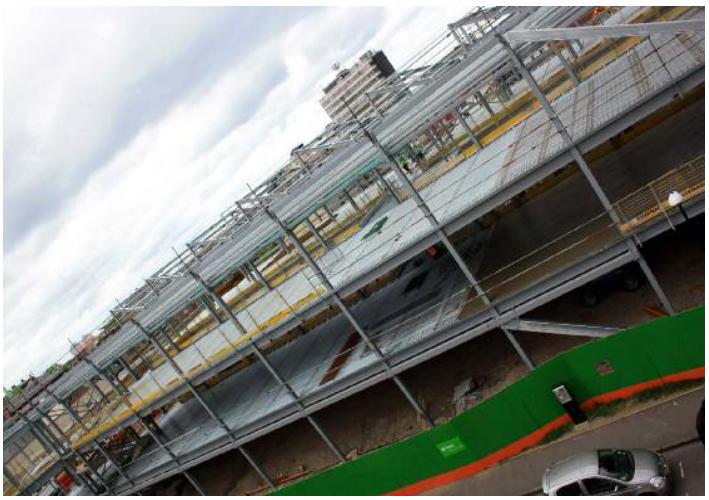
Projects

Sunderland Software Centre

Main contractor: Bam Construction
Tonnage: 300
Description: A 53,000 sq ft development consisting of state-of-the-art accommodation for 60 software businesses, as well as exhibition space







FINLEY structures

Projects

NETPark, Sedgefield, County Durham



Main contractor: Willmott Dixon
Tonnage: 315
Description: A two-unit development at Durham County Council's NETPark, housing businesses in the science and technology sector, which will provide premises for firms that have developed its incubator facilities





Walker Technology College, Newcastle

Main contractor: Sir Robert McAlpine
Tonnage: 800
Description: Supply and manufacture of two-storey structure comprising of central hub, four wings and a sports facility

Nissan Battery Plant, Washington

Main contractor: Sir Robert McAlpine
Description: On-going secondary steel work package on Nissan's new £210m plant at Washington, near Sunderland, to produce advanced lithium-ion batteries for Nissan's new LEAF cars.

Bransholme Medical Centre, Hull

Main contractor: Sewell Construction
Tonnage: 310
Description: A three-story development consisting of column and beam structure

Other Recent Projects

North East Fire and Rescue Authority (NEFRA)
Main contractor: Shepherd Construction (700 tonne)
Supply and manufacture of five fire stations, located at regional headquarters in Spennymoor, Bishop Auckland, Tynemouth, Pegswood and West Hartford.

Northern Design Centre, Gateshead College and Multi Story Car Park (also a Finley Structures contract)
Main contractor: Tolent Construction (576 tonne)
Numerous Schools and Academies all being Design and Build throughout the Country for Balfour Beatty along with current projects on-going
Numerous Schools and Academies throughout the North East for Carillion along with on-going projects

Yellow Quadrant, Metro Centre, Gateshead
Main contractor: Sir Robert McAlpine
Tonnage: 700
Description: To form Twelve Cinema's work consisted of Roof and Floor Strengthening, Auditorium Seating and Metal Decking, all works were fed through an opening which was created on the side of the existing building.



What we do

Design Services

Design and build contracting forms an integral part of our activities and it is for this reason we've employed a chartered structural engineer with over twenty years experience in the particular skills that design and build requires. Currently working on several school projects with a number of main contractors and in line with current public policy on government buildings Finley's are undertaking level three BIM co-ordination utilising their own 3D design and detailing software in conjunction with Navisworks and Revit Architecture.

Finley recognise and appreciate that engineering decisions can greatly affect the success of a project, and thus have a particular skill base and vast knowledge that can benefit their clients, not only in terms of cost, but programme duration.

Our Engineer uses the latest analysis software and 3D modelling packages to find the optimum solution to any structural engineering problem.

This design facility is at the forefront of modern industry techniques, and is able to offer the complete service to the construction industry, from individual connections on consultant led projects to full design of the most complex structures on a 'design and build' basis.

All design information is able to be imported directly into '3-Dimensional' CAD systems, providing immeasurable speed and accuracy.

Detailing

Finley's drawing offices are equipped with the latest structural steel CAD draughting software. The main software packages being used are:

- Ace Cad Strucad
- Tekla X-Steel

Linked to the Fabrication Department, the Drawing Offices are able to download construction and fabrication drawings direct to the factory CNC machinery for steelwork preparation.

With certain sub-contract elements – i.e. cold rolled steelwork, we are able to upload our drawings and CAM data directly to their machines, enabling the quickest turn around available.

It is our company policy to use e-mail for the transfer of drawings and information as much as is practically possible.

Steel Fabrication

Finley Structures are strategically located at the heart of the North East, enabling them to distribute in excess of 200 tons of steel per week, nationwide, quickly and efficiently.

On a 5 acre plot, their 88,000 square foot, state-of-the-art production facility incorporates the most advanced computer numerically controlled machinery (CNC) available. Their experienced 75-strong workforce can tackle projects from portal frame and beam and column buildings to the most complex structures.

All machinery in the factory is linked to the technical department by a network of fibre optic cables to ensure speed, efficiency and the elimination of human error. All processes are completed in one fabrication facility with a dedicated checker ensuring quality is kept at its highest level.

A just-in-time manufacturing process is utilised with steel being supplied from local suppliers in planned 'lots'. Fittings and main shafts are identified with part or erection marks, easily identified after erection for the CE marking system requirements and tractability.

This then ensures the specification of our product complies with both the manufacturing standards and the relevant Euro codes for building and construction.

Within their facility, Finley use Kaltenbach saw/ drill CNC machinery and have full shot-blast facilities, which are controlled by their production control system. This is complimented with the two "fabrication speed lines", which are a form of moving conveyor system, each line being 160m long. Over 28 speed line bogies are used in the transfer of the steel where they end in a 15,000 square foot paint hall. This area gives us the flexibility to offer a range of surface finish specifications.

The site has a loyal, trained and highly-skilled workforce that work hand-in-hand with shopfloor management and contract staff to provide a quality product delivered to programme requirements.



Site Installation

Finley Structures can offer clients the full solution to our structural steelwork requirements. Our flexible approach allows us to undertake work ranging from simple beam work to complex building frames.

Our aim is to forge long-term relationships with clients to satisfy their requirements throughout the design and construction process.

We recognise that no matter what is achieved in our workshop and offices, it is our site performance which is where we are most visible.

We employ in-house erection teams supplemented by long-term partnered sub-contractors.

Finley Structures shares the aims of the Main Contractors Group (MCG) in pushing for higher levels of training for site workers.

In accordance with the MCG Charter, 100% of Finley Structures site employees hold CSCS certification.

our experienced and fully-trained site teams work hand-in-hand with an appointed contract manager to ensure that the frame is erected on time, and most importantly in a safe manner. The contracts manager will be empowered to take decisions on behalf of the company, attending site meetings and accepting site instructions.

Finley Structures work closely with not only the client's professional team, but also other site trade contractors, to plan and execute site activities efficiently. Through our extensive experience, we're able to suggest unique installation techniques when faced with complex site constraints. When faced with challenging site issues, we'd always search for a solution to minimise any consequential impact to the project.

Well before we start on site, a method statement and risk assessment are developed including a detailed description of the work procedure including the Crane Lift Plan.

All erectors are fully briefed and committed to the method statement, this commitment is carried through to the site inductions and once the site is live the same commitment is reinforced with regular toolbox talks.

Finley Structures accept no compromises on safety, and their independent health and safety advisors carry out routine inspections of all their sites, while a copy of the site report is always sent onto clients for discussion.

Crane Hire and Contract Lifting

All cranes are available for hire. In addition, Finley Structures offer a comprehensive package in the absence of an appointed person to ensure meeting the standards required to comply with LOLER.

We'll provide you with appropriate site survey, documentation and supervision for the lift as well as the correct support team and any necessary ancillary services. We're able to carry out a specific, fully-managed lift where we'll plan and supervise the lifting operation, supplying all the necessary paperwork, personnel and expertise.

Terex PPM AC 35L

Specification: Max. lifting capacity: 40t; Boom: 9.4m – 37.4m; Max. hook height: 48m; Engine: DaimlerChrysler engine OM 906 LA; Transmission: Automated power shift; Dimensions: Length: 10.689m, Width: 5.95 m fully rigger, Height: 3.38m; Transportation weight: 24t.

Tadano Faun AFT 65G-4

Specification: Max lifting capacity: 65t; Boom: 11,0 – 44m; Extension: 1,6m – 16,0m; Max hook height with extension: 61m; Engine: Mercedes (Euromot 111A/EPA 111) 290kw (394 PS)/90kw (122 PS); Transmission: ZF-AS-Tronic; Drive: 8 x 6 x 8 (8 x 8 x 8 option); Dimensions: Length 12,39m / Width 2,55m / Height 3,74m; Transportation weight: 48t Taxi Version.

Secondary Steel Fabrication



Examples of Secondary Steel fabrications Finley Structures offer: Balustrade, Barriers, Bollards, Flooring, Handrails, Ladders, Railings, Staircases (straight flight), Supply and installation of glass to balustrade and canopies

Examples of Secondary Steel finishes Finley Structures offer: Primed, Galvanized, Painted, Polyester, Powder Coated, Plastic Coating For Handrails, Stainless Steel.

STOP AND THINK EQUALS ZERO HARM

All aspects of the business are working in line with Zero Harm which has been achieved coming up to two years. As the Company philosophy is for every employee to stop and THINK prior to them carrying out any task in order for them to ensure they are working safely.

