

Kenneth L Sturman

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PERSONAL PROFILE

A results driven, professional **Structural Draughtsman** with a transferable technical skill set acquired within maritime and on-shore construction projects. Provided drawings for corporate clients in the UK, USA, Ireland, Hong Kong, South Africa and Norway. Managed projects on a wide range of facilities and delivered mission critical support to clients and fellow engineers with an emphasis on Design Standards, time, cost & efficiency.

Seeking a position as Senior Structural Draughtsman or Section Leader to utilise the extensive technical skill set acquired over many years.

KEY SKILLS and ACHIEVEMENTS

- Developed a cladding and flashings package for use with StruCad. This has proved to be very efficient and time-saving in the drawing office.
- Planned and launched the **Anglo-Irish Engineering** enterprise to provide full drawing office services to Andrew Mannion Structural Engineers, Ireland. Opened an office in Middlesbrough & successfully built the company from scratch. Managed the office & controlled the work output of 2 other StruCad Draughtsmen. Operated this team very successfully for 5 years until the sad closure of AMSE in Ireland, which resulted in the closure of my office.
- Undertook financial management; recorded personal and staff hours, recruited and trained new staff to assist with the work.
- Displayed strong inter-personnel abilities to senior management, used effective oral abilities to keep clients updated, trained personnel, built key relationships with major clients to gain repeat business opportunities.
- Gained a comprehensive knowledge of the offshore industry with FPSO conversions, oil and gas platforms, pontoons and drilling rigs; allied to on-shore office blocks, bridges, commercial and retail developments up to 100K tonnes.
- Detailed a wide variety of on-shore buildings including office blocks, sports stadia, airport buildings, hospitals, prisons, power generation plants, oil & chemical installations, factories, hotels, bridges, commercial and retail developments up to 100K tonnes.
- Experienced in the detailing and design of fabrication and erection drawings for steel framed structures, performed tasks efficiently in compliance with UK, American, Norwegian and Irish building regulations and codes of practice.

IT SKILLS

StruCAD, AutoCAD, AutoLisp, MicroStation CAD software.
Microsoft Office – Word, Excel, Access, One Note, PowerPoint, Outlook.
Created own Website using Dreamweaver & Flash software's.

ACADEMIC QUALIFICATIONS

StruCad 3D Advanced Modelling Course
StruCad 3D Modelling Course
ONC in Engineering
BTEC certificate in Building and Civil Engineering
City & Guilds 4351-01/02 – AutoCAD, 3D Design using AutoCAD
City & Guilds 7261/422 – Spreadsheets: Methods I and II
GCE 'O' Levels in Math, English, French, German, Physics, Technical Drawing.

PERSONAL DETAILS

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Nationality: British with full clean Driving Licence & current passport
Interests: Classic cars, Sailing, Walking, Music, Photography, Travelling to see diverse cultures.

REFERENCES: Available upon request

SUMMARY OF EXPERIENCE

- **Drawing office Manager**
- **Section Leader**
- **Supervision of Draughtsman**
- **Site engineering and investigation**
- **Co-ordinating all discipline drawings (structural, piping, electrical, mechanical, HVAC and architectural)**
- **StruCad Draughtsman**
- **MicroStation Draughtsman**
- **3D Model Maker**
- **AutoCAD Draughtsman**
- **MultiSteel Draughtsman**
- **Internet Web-site design**
- **Pipe Support Draughtsman**
- **Detailing and checking structural fabrication drawings for oil and gas platforms and jackets, bolted steel-framed buildings, power generation plant and chemical installations**
- **As-builts**
- **Detailing and checking to British, Irish, American and Norwegian and South African Specifications**

CAREER HISTORY

June 2011 – Present **Drawing Office Manager/Senior StruCad Draughtsman** Wilson and Collins Ltd, Isle of Man

Detailed steelwork and cladding packages for a number of small to medium sized projects on the isle of Man.

May 2010 – June 2011 **StruCad Draughtsman** Robinson Construction, Derby

- Detailed a number of large projects using StruCad, including Higher Broughton Community Hub in Salford, Harrogate International Conference Centre, Palmer-Tomkinson Centre & Performance Hub at Wolverhampton University.

Feb 2009 – May 2010 **Freelance Draughtsman**

- Detailed a number of projects using StruCad for a number of clients. Projects mainly included motorway service gantries for Ireland & steel trusses for cement silos in Ukraine.

Nov 2004 – Feb 2009 **Office Manager/ Section Leader** Anglo-Irish, Middlesbrough, UK

- Set-up from scratch & ran office to provide full drawing office services to Andrew Mannion Structural Engineers, Ireland.
- Successfully detailed and ran up to six concurrent projects that were in various stages of design and construction.
- Projects included the Grand Canal Hotel in Dublin that was featured in **Construction News** for its innovative design employing staggered columns. Projects also included Croke Park football stadium, Cork University Hospital, Prince of Wales Hotel & many more.

Jul 2000 – Nov 2004 **Senior Design Draughtsman** Andrew Mannion, Ireland

- Gained the role with extra responsibility as Senior StruCad Draughtsman.
- Accomplished at producing 3D models plus fabrication and erection drawings with all relevant reports and documents.

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- Utilised the StruCAD application for a range of commercial, residential and industrial buildings such as offices, hospitals, prisons, hotels, shopping centres and toll plazas.
- Liaised fully with clients, engineers, architects and other professionals in regular meetings on site and in client offices to ensure smooth completion of projects.
- Completed work for Croke Park GAA stadium in Dublin for new roof and trusses; finished on time, within cost, included amendments and additional needs, reported ongoing status to the Board.
- Produced drawings from concept, carried out projects to tight schedules, used schematics and details from engineers.
- Scheduled activities for the workshop, co-ordinated with the fabricators.

Sep 1999 – Jul 2000 Draughtsman / AutoCAD Operator Consteel, Middlesbrough, UK

- Key member of the draughting team working on two US sports stadium projects for Houston Astros Ballpark and Pittsburgh Steelers.
- Completed the full spectrum of fabrication drawings for these major venues using AutoCAD.
- Ensured that detailed work achieved client requirements and expectations, and was to a high level of quality.

Jul 1998 – Sep 1999 Structural Section Leader Markhus (UK) Ltd, Bishop Auckland & Grimstad, Norway

- Proactively set up an IT network and department for the site; selected hardware & software, trained personnel to use MicroStation CAD software.
- Monitored quality of work using experience and diplomacy, provided technical advice and guidance to employees and engineers.
- Created and oversaw production of fabrication and erection drawings for bulkheads and decks, with detailing using MicroStation.
- E-mailed completed work to Grimstad head office (Norway) for the Åsgard B Upper Hull and Øseberg Sør Drilling Rig projects.

Apr 1997 – May 1998 Structural Designer Aker McNulty, Tyneside, UK

- Produced design drawings for tertiary steelwork, hull & decking reinforcements and pipe supports from supplied engineering calculations and sketches for project to convert a ship to an FPSO, (Ramform Banff), (see photos on the Projects page of my Website).

Oct 1997 – Mar 1998 3D Model Maker / Designer Maritime Hydraulics, Kristiansand, Norway

- Created fabrication drawings for oil platform and drilling derrick on the deep water upgrade for Maritime Hydraulics.
- Designed pipe supports and completed 3D models of structural steel members for CADS 1 Twin Ramrig project.

Mar 1996 – Oct 1997 Microstation Designer Kværner Rosenberg, Stavanger, Norway

- Successfully produced design & fabrication drawings for TransOcean Leader 8, Deepwater upgrade. Also produced fit-out & installation drawings for the Visund Semi-submersible production vessel using MicroStation.

Sept 1995 – Mar 1996 AutoCAD Draughtsman SLP Engineering Ltd., Middlesbrough

- Produced 3D models, (using MultiSteel & AutoCAD), of steelwork & equipment for 'Mallard over Kittiwake' process module & 'North Sea Producer' FPSO in Middlesbrough, (see photos on the Projects page of my Website).
- Created fabrication & design drawings for both of these projects.

July 1995 – Sept 1995 AutoCAD Structural Draughtsman SLP Engineering Ltd., Lowestoft

- Prepared & checked fabrication, design & arrangement drawings using AutoCAD for Trent & Tyne Gas modules & 'Britannia' Accommodation Module.

April 1995 – July 1995 Structural Detailer/Checker Cleveland Structural Engineering Ltd, (Cleveland Bridge), Darlington

- Prepared & checked fabrication, design & arrangement drawings for the Hong Kong Convention Centre. This work was carried out using drawing boards & pencils.

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Oct 1994 – April 1995 AutoCAD Draughtsman Consteel Technical Services, M'brough

- Detailed & checked fabrication & arrangement drawings for the construction of American projects including the Baltimore Convention Centre & Rhode Island State Airport.

July 1993 – Oct 1994 Structural Draughtsman TJ Hazell Ltd, Stockton

- Detailed & checked arrangement drawings & fabrication drawings for a number of buildings including St. Andrews Football Stadium & Ashford International Railway Station.

April 1990 – July 1993 Site Engineer Remtec Engineering, Middlesbrough
Position: Site Engineer – Enron Power Project

- Inspected fabrication & construction of steelwork in 'As-built' status prior to hand over to Client & to prepare & present all relevant documentation.
- Answered all technical queries & deal with erectors & Engineers on a 'one to one' basis.
- Produced detail drawings for site-fabrication of additional members to accommodate extra loadings.

Position: Site Draughtsman/ Co-ordinator – Toyota UK Project, Derby

- Co-ordinated design information & drawings between site & drawing office.

April 1988 – April 1990 Draughtsman Pace Consultants Ltd, Thornaby

- Detailed & checked fabrication & arrangement drawings for the construction of a number of medium size projects including the Clifton Moor retail Park in York.

April 1985 – April 1988 Draughtsman Structural Detailing Services, Guisborough

- Duties included detailing & checking fabrication drawings & erection drawings to American AISC Standards for a wide variety of American projects.

Aug 1976 – April 1985 Apprentice Draughtsman/ Draughtsman Can-Am Detailing Inc., Middlesbrough

- Full apprenticeship including college & 'on the job' training for 4 years.
- After a 4 year apprenticeship duties included detailing fabrication drawings for a variety of medium to large size American projects.

PROJECTS WORKED ON

If you are reading this CV on a computer connected to the Internet, hold the ctrl button down & click the blue text to view photos of the projects on my Website.

- [Øseberg Sør – Drilling Rig](#)
- [Åsgard B Upper Hull](#)
- [Ramform Banff – F.P.S.O.](#)
- [CADS 1 Twin Ramrig – Drilling Module](#)
- [Visund Semi-submersible Production Vessel](#)
- [Transocean Leader 8 Deepwater Upgrade](#)
- [Shell Mallard over Kittiwake Process Module](#)
- [North Sea Producer F.P.S.O.](#)
- [Britannia Accommodation Project](#)
- [Arco Trent and Tyne Development \(Gas modules\)](#)
- [Cement Silos for Podilsky Cement, Ukraine](#)
- [Motorway Gantries, Dublin](#)
- [The Watchtower, Dublin](#)
- [Criminal Court, Dublin](#)

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- Cork University Hospital Maternity Wing
- New Showrooms for Davies Heating, Dublin
- St. Vincent's Hospital, Dublin
- [Royal Marine Hotel, Dun Laoghaire](#)
- [Wellpark Leisure Centre, Galway](#)
- [Grand Canal Square Hotel, Dublin](#)
- Apartment Building at Pim Street, Dublin
- [Toll Plaza on M1, Drogheda, Co Louth](#)
- Prince of Wales Hotel, Athlone
- Assembly Building for Millipore, Co. Cork
- [Stamullen Hotel, Ireland](#)
- Extension to Power City, Co. Dublin
- Hollybrook Apartments, Co. Dublin
- MBNA Operations Centre, Carrick on Shannon, Co. Leitrim
- Collaisti Eoin Agus Iosagain (New College PE hall and classroom building)
- University College, Dublin. Innovations Centre
- [Baldonnell Business Park, SAAB & SEAT Car Showrooms](#)
- Apartment Building at Dodder Bank, Milltown, Dublin
- Customs Inspection Canopy at Rosslare Harbour
- [Croke Park GAA Stadium, Dublin](#)
- Office Development at Galway Business Park
- University College, Dublin. Faculty of Commerce (new building)
- Castletroy Retail Development, Limerick
- [Beacon Court Children's Museum, Dublin](#)
- Ferrybank Retail Development, Kilkenny
- Office Development at Garrycastle Business Park, Athlone
- Boland's Flour Mill, Dublin
- [Heatmerchants Warehouse, Athlone, Co. Westmeath](#)
- Ashtown Office Development, Dublin
- [Pittsburgh Steelers American Football Stadium](#)
- [Ballpark at Houston Station, Texas](#)
- [Hong Kong Convention and Exhibition Centre](#)
- [Baltimore Convention Center, Maryland, USA](#)
- [T. F. Green State Airport, Rhode Island, USA](#)
- Ashford International Railway Station
- St. Andrews Stadium – Birmingham City Football Club
- Tyneside MPC (Royal Mail)
- Springkerse Retail Park, Scotland
- Ashanti Goldfields Corporation – Goldmine conveyors and bunkers
- Enron Power Project – 1850mw Power station
- Tioxide UK Chemical Plant, Grimsby
- Toyota UK Project – Toyota car factory, Derby
- Chiswick Park Retail Development
- Project Dragonfly – British Airways, Cardiff Airport
- Marks and Spencer – Retail unit, Shoreham
- [Sheriff Intake / Release Center \(Prison\), Orange County, USA](#)
- El Segundo Co-generation Project, USA
- General Dynamics Office Buildings, USA
- Arco Petroleum Products-refinery, USA
- Seabrook Nuclear Power Station, USA
- Nebraska Public Power Station, USA