

PERSONAL PROFILE

A results-driven, professional Structural Draughtsman with a transferable technical skillset acquired within maritime and on-shore construction projects. Provided drawings for corporate clients in the UK, USA, Vietnam, Singapore, Ireland, Norway and the Isle of Man. 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. I've built & maintained a portfolio of work with photographs on my personal website. See the Projects page of my Website at <http://www.kennysturman.co.uk/projects-1>.

I'm seeking a position as Senior Structural Draughtsman to utilise the extensive technical skill set acquired over many years in the buildings/construction industry. Would be particularly interested in a position using Tekla & Inventor as 3D modelling & 2D draughting tools.

CONTACT DETAILS (see also <http://www.kennysturman.co.uk/contact-me>)

Mobile: +44 (0) 7972627096
Email: me@kennysturman.co.uk
Website: www.kennysturman.co.uk

KEY SKILLS and ACHIEVEMENTS

- Managed a 12-person FPSO/FSO turret CAD team working for structural, piping, E & I, mechanical & naval architect disciplines.
- Set up, managed & maintained company CAD Standards & Procedures for onshore and offshore design companies.
- Trained & mentored CAD teams to achieve consistent draughting quality between draughtsmen.
- Successfully started & ran a satellite drawing office, serving an Irish structural fabrication & construction company until the 2008 banking financial crash when the company was folded.
- Experienced in 3D modelling of structural components using a variety of 3D modelling software including Tekla, Inventor & StruCad.
- Experienced in working to metric & imperial dimensioning systems for a wide variety of structures, countries & regulations.
- Developed a cladding and flashings package for use with StruCad. This proved to be very efficient and time-saving in the drawing office.
- 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.
- Experienced in the detailing and design of fabrication and erection drawings for steel framed structures, performed tasks efficiently in compliance with UK, American, Norwegian, DNV, ABS & Irish building regulations and codes of practice.
- Accomplished at detailing & checking structural fabrication drawings for oil/gas platforms and jackets, bolted steel-framed buildings, power generation plant & chemical installations; coordinated structural, piping, electrical, mechanical, HVAC, architectural & naval architect's drawings.
- Displayed strong interpersonal abilities up to senior management, used effective oral abilities to keep clients updated, trained personnel, built key relationships with major clients to gain repeat business opportunities.
- Set up a CAD system drawing office to replace a hand-drawn office for a Norwegian client using MicroStation. This included managing the CAD system & training the staff to use MicroStation.

TECHNICAL SKILLS and TRAINING

IT SKILLS

- CAD software: Autodesk® Inventor®, Tekla Structures, StruCad, AutoCAD, AutoLisp, MicroStation.
- Microsoft Office: Word, Excel, Access, One Note, PowerPoint, Outlook.

EDUCATION & QUALIFICATIONS

Autodesk Inventor Basic Training Course
Autodesk Plant 3D Basic Training Course
Tekla Structures Primary Course
StruCad 3D Advanced Modelling Course
StruCad 3D Modelling Course
BTEC Building & Civil Engineering
ONC in Engineering
City & Guilds 4351-01/02 – AutoCAD, 3D Design using AutoCAD
City & Guilds 4351/422 – Spreadsheets: Methods I & II
GCE 'O' Levels in Math's, English, Physics, Technical Drawing, French, German

PERSONAL DETAILS

Nationality: British with current passport & full clean driving licence.

REFERENCES: Available on request.

SUMMARY OF EXPERIENCE

Walter Watson Ltd, Castlewellan, Northern Ireland July 2019-Present
Senior Tekla Structural Draughtsman/Project Manager

My duties at Walter Watson Ltd include but are not limited to producing 3D structural steelwork models for commercial & educational buildings for Northern & Southern Ireland and also mainland UK. I produce general arrangement drawings, fabrication, site & shop drawings and all relevant reports & site packs for the fabrication & erection of these buildings.

Projects I've detailed include, but are not restricted to the following: -

- Dundonald International Ice Bowl, Belfast
- Grand Central Station, Belfast
- British Museum, Archeological Resource Collection, Reading

Structural Steelwork Limited, Dudley Oct 2016 – July 2019
Tekla Structural Draughtsman/Project Manager

My duties at SSL included, but were not limited to producing 3D structural steelwork models for commercial, residential & multi-story office buildings all over the UK. From the models, I produce general arrangement drawings, fabrication, site & shop drawings and all relevant reports & site packs for the fabrication & erection of these buildings.

Projects I've detailed include the following: -

- BMW Showroom & Workshop, Cardiff
- Porsche Centre, Tonbridge. Workshop & Prep Building
- Jaguar/Land Rover Showroom & Workshop, Tonbridge
- Jaguar/Land Rover Showroom & Workshop, Hatfield
- McLaren/Aston Martin Showroom, Hatfield
- HQ Building for Volker Wessels, Hoddeson
- New Swimming Pool Building for Chesham Prep School
- Workshop & Paint shop Building for Pickering's Plant Ltd, Northampton
- Classroom extension to Red Hill C of E Primary School, Worcester
- New Costa Coffee Building at Kingswinford, Dudley
- Extension to Wolverhampton Girls High School
- Battle of Britain Visitor's Centre, Uxbridge
- Tesco supermarket with 4 story student accommodation, Coventry
- Royal Mail Delivery Offices, South Shields
- Lok'n'Store 4 story self-storage facility, Hemel Hempstead
- St Anne's Court residential apartments, Digbeth

Hayes Engineering Services Ltd, Cardiff
Tekla Structural Draughtsman

Aug 2016 – Oct 2016

Following the closure of the CAD team at LMC due to lack of work I started working at Hayes Engineering Services in Cardiff.

My duties include, but are not limited to the following: -

- Producing 3D models, using Tekla, for several onshore bolted steel-framed structures.
- Producing & checking 2D general arrangements, fabrication drawings, site packs & all necessary documents and reports to Eurocode 3 Standards to aid fabrication & construction of steel structures.

Projects worked on include student accommodation extensions to buildings in Fitzalan Court, Cardiff & alterations to Curries, Oxford, to convert the building into an Aldi supermarket store.

London Marine Consultants Ltd., London

Feb 2013 – July 2016

Chief/Lead Draughtsman – FPSO Turrets & Mooring Systems

Responsible for all drawing office activities and operational requirements for new and ongoing projects. My duties include, but are not limited to the following: -

- Exercising supervision over drawing office staff, including trainees.
- Directing the preparation of all drawings in conjunction with project requirements.
- Managing CAD resources to all disciplines within the company including structural, piping, E & I, naval architects & mechanical.
- Ensure draughting resources to individual projects to provide continuity of presentation and achievement of project schedules.
- Supervise/check all drawings issued from the drawing office.
- Managing & responding to approval comments from clients, ABS & DNV.

- Processing & issuing all drawings & relevant documentation to company Document Control Department.
- Administer and oversee the training of trainee draughtsmen both in the office and also at college.
- Administer the hiring of new draughtspersons as required.
- Prepare 3D models & 2D drawings for general arrangements, field layouts, fabrication drawings & all relevant documentation for a number of mooring systems projects.
- Attend weekly production meetings with management & all other disciplines.
- Prepare & issue all drawings & associated documentation to Document Control.
- Researched & introduced intelligent 3D draughting to LMC & rolled out Autodesk Inventor to the drawing office. Also introduced Plant 3D, Revit, Navisworks & 3DS Max to increase draughting capabilities, improve efficiency & production and also enhance presentations.

Projects worked on include FSO Bualuang, (external cantilevered turret), GAZA FSO Sloug Replacement Project, (external column turret), FPSO Kamelia & FPSO Pioneiro de Libra, (external cantilevered turrets).

Wilson & Collins Ltd., Isle of Man

June 2011 – Feb 2013

Drawing Office Manager/Senior StruCad/Tekla Draughtsman

Reporting directly to the MD and dealing with all aspects of running a very busy drawing office including interacting with Structural Engineers, Architects and Clients. My duties also included scheduling all relevant drawings and documents for issue to the workshop for fabrication. I also detailed steelwork and cladding packages for several small to medium sized projects on the Isle of Man using StruCad and Tekla 3D modelling software.

Robinson Construction, Derby

May 2010 – June 2011

Senior StruCad Draughtsman

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.

Freelance Draughtsman

Feb 2009 – May 2010

After the 2008 UK Financial Crash was forced to close Anglo-Irish & work as a freelance draughtsman.

Detailed structural steel projects using StruCad for several clients. Projects included motorway service gantries for Southern Ireland & steel trusses for cement silos in Ukraine.

Anglo-Irish Engineering Ltd., Middlesbrough

Nov 2004 – Feb 2009

Managing Director

- Planned and launched the Anglo-Irish Engineering enterprise to provide full drawing office services to Andrew Mannion Structural Engineers in Moate, Ireland; negotiated an agreement with the CEO regarding price per project and operating expenses.
- Undertook financial management; recorded personal and staff hours, recruited and trained people to assist with all works.

Ken L Sturman

- Successfully detailed and ran up to six concurrent projects that were in various stages of design and construction.
- Projects included the Central Criminal Court, Dublin, Grand Canal Hotel in Dublin which was featured in Construction News for its innovative design employing staggered columns.

Andrew Mannion Structural Engineers, Moate, Ireland

Jul 2000 – Nov 2004

Senior StruCad Design Draughtsman

- Gained the role with extra responsibility as Senior StruCad Design Draughtsman.
- Accomplished at producing 3D models plus fabrication and erection drawings with all relevant reports and documents.
- Utilised the StruCad application for a range of commercial, residential and industrial buildings such as offices, hospitals, prisons, hotels, shopping centres and motorway 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 all 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 fabricators & erectors.

Consteel Technical Services, Middlesbrough

Sep 1999 – Jul 2000

AutoCAD Draughtsman

- Key member of the draughting team working on two US sports stadium projects for Houston Astros & Pittsburgh Steelers.
- Completed the full spectrum of fabrication drawings for the major venues using AutoCAD 2000 tools.
- Ensured that detailed work achieved client requirements and expectations, and was to a high level of quality.

Markhus (UK), Ltd., Bishop Auckland

Jul 1998 – Sep 1999

MicroStation CAD Draughtsman

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

Markhus AS, Grimstad, Norway

May 1998 – Jul 1998

MicroStation CAD Draughtsman

This was a 3-month contract emphasising on learning the company's CAD & DC procedures in order to set up a CAD network in their UK satellite office.

Ken L Sturman

Aker McNulty, Tyneside

Apr 1998 – May 1998

AutoCAD Draughtsman (8-week contract)

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

Aker Maritime, Kristiansand, Norway

Oct 1997 – April 1998

AutoCAD Designer Draughtsman

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

Kværner Rosenberg, Stavanger, Norway

Mar 1996 – Oct 1997

MicroStation Designer Draughtsman

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.

SLP Engineering Ltd., Middlesbrough

Sept 1995 – Mar 1996

AutoCAD 2D & 3D Draughtsman

- Produced 3D models, (using Autodesk Multi-Steel & 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). 3D models were used for visual clash-checking of structural & piping members.
- Created 2D fabrication & design drawings for both of these projects.

SLP Engineering Ltd., Lowestoft

July 1995 – Sept 1995

AutoCAD 2D Draughtsman

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

Various fabrication companies & contract drawing offices

Jun 1981 – Jul 1995

Structural Draughtsman

Prepared & checked fabrication, design & arrangement drawings using AutoCAD & manual draughting skills for a number of companies on large & medium projects in UK & USA.

Can-Am Detailing Inc., Middlesbrough

Mar 1976 – Jun 1981

Apprentice Structural Draughtsman

Completed a full UK apprenticeship learning all the necessary skills for producing quality drawings by hand for the building & construction industry.