



◆**DAVID SMITH ASSOCIATES**◆**Consulting Structural & Civil Engineers**◆
8 DUNCAN CLOSE◆ MOULTON PARK ◆ NORTHAMPTON ◆ NN3 6WL
TEL: (01604) 782620 ◆ FAX: (01604) 782629
email: post@dsagroup.co.uk
Web: www.dsagroup.co.uk

DAVID SMITH ASSOCIATES

PRACTICE PROFILE

Prepared by: **David Smith**

Date: **February 2011**

VAT Registration No.: 670 8636 12

Eur Ing **David Smith** B.Sc.(Hons), C. Eng., MICE., M I Struct E., R.MaPS, MFPWS
Associates: **Hitesh B. Jethwa** B.Sc.Eng (Civil) Hons, **Alison Smith**



PRACTICE PROFILE

PRINCIPAL : David Smith
ASSOCIATES: Hitesh Jethwa

STAFF COMPLEMENT: 11 Qualified Structural & Civil Engineers
3 Autocad Technicians
4 Administration

The practice has been in operation since the mid 1990's and deals with various types of structural and civil engineering works e.g.

- Design and Detailing of all Structural Elements
- Road and Drainage Design
- Building Regulation checking for three Local Authorities
- Assist with Geotechnical Investigations
- Subsidence Investigations
- Insurance Work
- Expert Witness Reports

We have the capacity to deal with contracts of up to £20 million, and all works are covered by our indemnity insurance, this being £10 million for each and every claim. We have a broad client base that includes, Weetabix, Northampton General Hospital, Midland Meat Packers, Oundle School, various Loss Adjusters, Local Architects, Insurance Companies and Local Contractors, four Local Authorities, Fitness First, Avebury Taverns and many more.

It is our aim to provide a professional service to all our clients in an efficient and cost effective manner.

PERSONNEL PROFILE

DAVID SMITH - PRINCIPAL

Eur. Ing, B.Sc (Hons), C. Eng., M.I.C.E., M.I. Struct. E., RMaPS, MFPWS

Professional Memberships: Institute of Structural Engineers
Institute of Civil Engineers
European Federation of National Engineering Associations.
Member of Association for Project Safety
Member of the Faculty of Party Wall Surveyors

HITESH JETHWA - ASSOCIATE

B. Sc. Eng. (Civil) Hons.

D JOHN MILLS - CIRENCESTER PRACTICE MANAGER

MA (Cantab), C.Eng., MICE., MIStructE

STEVE McCORMICK - RAIL CIVIL ENGINEER

B.Sc (Hons), C.Eng., M.I.C.E

ANDREW EDWARDS – SNR DESIGN ENGINEER (CIRENCESTER)

B.Eng (Hons) C.Eng., MIStructE

STEVEN AINGE – DESIGN ENGINEER

B.Eng (Hons) Civil Engineering Design Civil Engineering Design

THOMAS GARROD - – DESIGN ENGINEER

B.Eng (Hons) Civil Engineering Design

RICHARD JONES – CIVIL ENGINEER

LOUIS LINDE – DESIGN ENGINEER

OLUTADE ODUYALE – DESIGN ENGINEER

B.Sc.(Hons), I.Eng, A.M.I.Struct. E., M.N.I.Struct. E., MFPWS

JACQUELINE BARNABY – DESIGN ENGINEER

LARRY JESSETT - SENIOR TECHNICIAN ENGINEER

MICHAEL ROWLEY – GRADUATE ENGINEER (CIRENCESTER)

B.Eng (Hons) Civil Engineering Design

BEN MASON – JNR TECHNICIAN ENGINEER

ALISON SMITH - PARTNER

AMANDA HOLDEN - OFFICE MANAGER

JACQUELINE SMITH - ADMINISTRATOR

REBECCA MALLABURN – CREDIT CONTROLLER

ANITA KAY - OFFICE MANAGER (CIRENCESTER)

CURRICULUM VITAE

NAME: DAVID SMITH

COMPANY: DAVID SMITH ASSOCIATES

POSITION: PRINCIPAL

QUALIFICATIONS: Eur.Ing, B.Sc(Hons), C.Eng., M.I.C.E.,
M.I.Struct E., RMaPS, MFPWS

**NUMBER OF YEARS
EXPERIENCE** 28 YEARS

**RELEVANT RECENT
EXPERIENCE:**

Northampton General Hospital Trust
New Linear Accelerator Bunkers & 4 storey accommodation
block

Northampton School for Boys
New teaching block and associated works.

East Northants District Council
Investigative survey of 80 Orlit Type houses

South Warwickshire Housing Association
Refurbishment and New Offices

Butchers Pet Care
New Warehouses and Offices

Weetabix
New Offices and Internal Alterations

Travis Perkins
New Offices

Fitness First
New HQ and Fitness Centre

Swallow Construction
New two storey Office Development

Uppingham School
New Girls Boarding House

Northampton General Hospital
Cardiac & Renal Unit Combined Case

St Andrews Hospital
Smyth House

CURRICULUM VITAE

NAME: HITESH JETHWA

COMPANY: DAVID SMITH ASSOCIATES

POSITION: ASSOCIATE ENGINEER

QUALIFICATIONS: B.Sc.Eng.(Civil) Hons.

**NUMBER OF YEARS
EXPERIENCE** 12 YEARS

**RELEVANT RECENT
EXPERIENCE:**

Tanzanian Telecommunications Co. Limited

Design of 15 storey Reinforced Concrete Building

Tanzania Breweries Limited

Design of 2 storey substation building in reinforced concrete

Supervision of 6 storey Brew House building

Swallow Construction

Design of new two storey detached offices

Fitness First

Fit out of Health Clubs within existing structures

Hardwick Farm

Barn conversion to offices

Butchers Pet Care

New Warehouse & Offices

Elite Motors

Design of extension to existing workshop

Learning Disability Unit

Cliftonville Road, Northampton - Single storey unit on piled foundations.

Learning Disability Unit

Princess Marina Hospital, Northampton - Single storey building on traditional foundations.

Learning Disability Unit

Wootton Hope Drive, Wootton, Northants - Single storey building on a raft foundation.

Willowbrook Hospital, Corby

Single storey dental unit.

Kettering Venture Park

Two storey office block.

CURRICULUM VITAE

NAME: DEREK JOHN MILLS

COMPANY: DAVID SMITH ASSOCIATES

POSITION: CIRENCESTER PRACTICE MANAGER

QUALIFICATIONS: MA(Cantab), C.Eng., M.I.C.E., MI.Struct.E

**NUMBER OF YEARS
EXPERIENCE** 36 YEARS

**RELEVANT RECENT
EXPERIENCE:**

Corby Studfall School, Corby, Northants
Proposed Alterations

Millennium Stadium, Cardiff
Design of seating stands

Paddington Station, London
Resident Engineer for the station refurbishment

Peers School for Oxfordshire County Council
New two storey technology block and associated
refurbishment to existing buildings on campus.

Bayswater School for Oxfordshire County Council
New music hall

Wolvercote School for Oxfordshire County Council
Single storey four class extension together with community
hall

Hailey School for Oxfordshire County Council
New sports hall

Various Refurbishment Projects at the following Schools
Henry Box School
Wheatley Park School
Wood Green School

CURRICULUM VITAE

NAME: STEPHEN McCORMICK

COMPANY: DSA RAIL LIMITED

POSITION: CIVIL ENGINEER

QUALIFICATIONS: B.Sc(Hons), CEng, MICE

**NUMBER OF YEARS
EXPERIENCE** 27 YEARS

**RELEVANT RECENT
EXPERIENCE:**

Seconded to Railtrack on the Thameslink 2000 Project
Lead Design and Construction Engineer (Civils) on Railtrack's
£3.0 million Thameslink 2000 Programme
Contract with Railtrack, Project Delivery - Great Western
Acting Lead Design and Construction Engineer (Civils)
responsible for ensuring that projects comply with current
legislation, Railway Group Standards, Railtrack Line
Standards and Procedures relating to Civil Engineering.

Project Manager for the following projects:-

Bridge Strike Prevention works at Old Oak Common, Langley
& Hullavington, Re-opening of Bristol Temple Meads Platforms
13 & 15

Seconded to Railtrack Major Projects Division, East Anglia
Design and Construction Engineer in the site offices at
Stratford on the Great Eastern Resignalling Project.

Project Leader - Mainline Swindon Limited

Project Leader responsible for several railway projects.

Project Engineer - Building Design Partnership

Responsible for principle bridge inspection and assessment of
25 county council bridges including preparation of inspection
report, structural calculations, assessment report, contract
documentation, tender evaluation and site supervision of
special investigation works.

Man-Made River Project, Libya

Design and detailing of two concrete bridges on the Lilongwe -
Salima Road, Malawi

CURRICULUM VITAE

NAME ANDREW EDWARDS
COMPANY: DAVID SMITH ASSOCIATES
POSITION: SNR DESIGN ENGINEER (CIRENCESTER)
QUALIFICATIONS: B.Eng (Hons) C.Eng., MIStructE
NUMBER OF YEARS EXPERIENCE 29 YEARS

RELEVANT RECENT EXPERIENCE

Design of drainage and substructure for new residential development consisting of six to ten storey block of 79 flats using modern methods of construction.

Civil and Structural Engineering for substructure for 4/5 storey building comprising 29 two bedroom flats utilising timber framed construction.

Design of drainage scheme for new extension to hotel consisting of two bedroom wings and additional conference facilities.

Civil and Structural engineering for substructure and drainage portal framed building with first floor office mezzanine.

Structural works for single storey residential development plus Civil engineering works associated diversion of major adopted sewers.

Civil and Structural engineering for 6 storey building with commercial units at ground level and 64 residential flats on upper levels using modern methods of construction.

Design of new residential development consisting of 8 four/five storey blocks of 101 flats in load bearing masonry.

Refurbishment of existing teaching facility and construction of new two storey building.

Design of four storey building consisting of a multi –storey steel frame and composite floors and associated below ground drainage.

CURRICULUM VITAE

NAME: STEVE AINGE

COMPANY: DAVID SMITH ASSOCIATES

POSITION: DESIGN ENGINEER

QUALIFICATIONS: B.Eng (Hons) Civil Engineering Design

NUMBER OF YEARS EXPERIENCE: 10 YEARS

RELEVANT RECENT EXPERIENCE:

1999 – Present David Smith Associates
Working on and preparing drawings for various projects.

Northampton General Hospital Trust
New Linear Accelerator Bunkers & 4 storey accommodation block

Northampton School for Boys
New teaching block and associated works.

Oundle School
Refurbishment of existing facilities and School Houses

Learning Disability Unit
Cliftonville Road, Northampton - Single storey unit on piled foundations.

Learning Disability Unit
Princess Marina Hospital, Northampton - Single storey building on traditional foundations.

Learning Disability Unit
Wootton Hope Drive, Wootton, Northants - Single storey building on a raft foundation.

Various property inspections for Local Loss Adjuster with respect of insurance claims.

Sharrow Place, Northampton
Reconstruction of fire damaged building and its adjoining properties for Northampton Borough Council.

Cranleigh Golf & Country Club
New extension to existing Golf Club building

CURRICULUM VITAE

NAME: TOM GARROD

COMPANY: DAVID SMITH ASSOCIATES

POSITION: DESIGN ENGINEER

QUALIFICATIONS: ONC Civil Engineer
HNC Civil Engineer
B.Eng (Hons) Civil Engineering Design

**NUMBER OF YEARS
EXPERIENCE** 7 YEARS

**RELEVANT RECENT
EXPERIENCE:** 2002 – Present David Smith Associates

Working on and preparing drawings for various projects including,

Northampton Station
Retaining Wall Remedial Works

Norton Bridge Station
New footbridge with piled foundations

Apsley Footbridge,
New footbridge with piled foundations

Solihull Station
Platform refurbishment works

Soho Depot
New short term track & train wash facility

Northampton General Hospital Trust
New Cardiology & Renal Units – Multi storey extension on piled foundations

Kettering General Hospital
New Cardiac Catherisation Extension – Extension over existing building on piled foundations

Northampton School for Boys
New teaching block and associated works. – Multi storey Extension

Taylor Wimpey Plc

New Housing Estate, Merchant Lane Cranfield – Design & details for standard and non-Standard units

Taylor Wimpey Plc

New Housing Estate, Queen Street, Stotfold – Design & details for standard and non-Standard units

Taylor Wimpey Plc

New Housing Estate, North Brickhill, Bedford Phase 1 – Design & details for standard and non-Standard units

Taylor Wimpey Plc

New Housing Estate, North Brickhill, Bedford Phase 2 – Design & details for standard and non-Standard units

Oundle School

Refurbishment of existing facilities and School Houses

Children's Centre for Northamptonshire County Council

New Children's Centre, Victoria Infant School

Children's Centre for Northamptonshire County Council

New Children's Centre & Classroom Extension, Irthlingborough Infant School

New Testament Church of God

Refurbishment of New headquarters 3 Cheyne Walk Northampton.

Learning Disability Unit

33 & 54 The Nurseries Cliftonville, Northampton

CURRICULUM VITAE

NAME: RICHARD JONES

COMPANY: DAVID SMITH ASSOCIATES

POSITION: CIVIL ENGINEER

QUALIFICATIONS: BTEC ONC and HNC Civil Engineering.
Advanced AutoCAD training.
MX 3D modelling software training.
Project Management training.

NUMBER OF YEARS EXPERIENCE: 14 YEARS

RELEVANT RECENT EXPERIENCE: June 2004 - Present - David Smith Associates
(Also August 2001 – August 2002)

Design of highway works, drainage and ground works for a variety of Clients. Residential and commercial/industrial developments, new build and refurbishment projects. Schools and community centres. Design of adoptable works for developments to Highway and Water Authority standards. Provision of design and draughting services for the water industry. Flood Risk Assessments and liaison with Environment Agency in relation to engineering requirements for new developments. Feasibility Studies. AutoCAD and MX design. MicroDrainage design. Civils design for multi million pound school and hospital projects.

August 2002 – June 2004

Atkins Northamptonshire Highways

Atkins and Northamptonshire County Council Highways Service formed a partnership contract. Atkins provides engineering and maintenance services to the Highway Authority. Project Manager of public transport infrastructure, casualty reduction and major road infrastructure design. Public consultation and preliminary design of 7km link road on A43. Bus Terminal projects from concepts to detailed design. Accident reduction studies and engineering recommendations on dangerous roads. AutoCAD, MX, AutoSign and MicroDrainage software.

June 1997 – August 2001

Peter Brett Associates Consulting Engineers

AutoCAD Manager and Engineering Technician. Assisting Senior Engineers with design, draughting and IT support, using AutoCAD, MX, SignPlot and MicroDrainage.

Multi disciplined practice dealing with highway infrastructure and improvements, residential and commercial development infrastructure, flood studies and remedial works, transport planning, drainage and utility infrastructure.

Included 6 month secondment to Milton Keynes Council producing photographic and engineering survey of all 250km of the 'Red Way' cyclepath network, and assisting with Highway design projects. Managed 15 terminal Windows NT Local and Wide Area Network.

August 1991 – June 1997
Northamptonshire County Council, Planning and Transportation Department

Began as trainee draughtsman. Training received in various sections, Project Management, Traffic Monitoring, Land Survey, Transport Planning. Eventually managing highway structural maintenance, casualty reduction and town centre improvement projects. Assisting with design of major bypass, road widening and junction improvement projects. Managed design of leachate treatment works at land fill sites.

CURRICULUM VITAE

NAME LOUIS LINDE

COMPANY: DAVID SMITH ASSOCIATES

POSITION: Civil & Structural Cad Technician

QUALIFICATIONS: T3 Certificate in Cadastral & Engineering Surveying, 1988
BTEC Advanced Diploma Construction & Surveying, 2008 in progress

NUMBER OF YEARS EXPERIENCE 21

RELEVANT RECENT EXPERIENCE **Civil & Structural Cad Technician**

Civil Engineering:
Residential and commercial/industrial developments, new build and refurbishment projects.
Schools and community centres.
Design of highway works, drainage and ground works for a variety of Clients.
Detailing and design of minor projects of adoptable works for developments to Highway and Water Authority standards (PDS & Micro Drainage software programs).
Provision of design and draughting services for the water industry.
Liaison with Environment Agency in relation to engineering requirements for new Developments.
Swept path vehicle analysis.
Detailing Minor junction design including roundabouts to Local Authority Section agreements.
Discharge consent, statutory applications and regulatory Liaison.
Sustainable drainage systems (SUDS).
Sewer design & land drainage (Micro-Drainage).

Structural Engineering:
Detailing of foundation design – reinforced, traditional strip, raft and piled solutions.
Detailing of superstructure design in all forms of materials.
Retaining walls.

BURY ASSOCIATED LIMITED

Land Survey Cad Technician

Measure and drafting of building floor plans.
Building sections together with elevations.
Topographical plans.
Contour plans. (Site Layout Plans)

BOOKER CASH & CARRY (Staffquest)

Supply Chain Department Temp assignment

Supplying chain orders, Re-ordering of stocks
Running the data bases, MS Access, E3 Slip & Trim, Oracle sales analyzer 6.4, Oracle Discoverer 3.1
Running and producing reports on Microsoft Excel. E3 Slim & Trim, Oracle sales analyzer 6.4, Oracle Discoverer 3.1

INNES VISSER & DU PREEZ - South Africa

Land Survey Cad Technician (Senior)

Drafting of all Maps & Layout Plans from data provided by Land Surveyor.
or the Deeds Office - documentation and submission for approval and Registration
Contour & engineering, detailed site plans, calculating area volumes.
CAD Software programs:- AutoCAD, Micro Station, UltimateCad(GIS) & Model Maker

ESKOM POWER CORPORATION - South Africa

Multidiscipline, and Land Surveying Cad Technician (Cartography)

All reticulation and utilities required by Local Authorities and Industries
The production of cadastral drawings and engineering maps.
Double line electrical drawings & electrical reticulation & power line -
Distribution layouts
Drafting of all Engineering drawings, (Civil, Structural and Mechanical Design)
Drafting and design of overhead electrical power lines- 32kv to 765kv lines
Supervising the Drawing Office.

CURRICULUM VITAE

NAME OLUTADE ODUYALE

COMPANY: DAVID SMITH ASSOCIATES

POSITION: DESIGN ENGINEER

QUALIFICATIONS: BSc (Hons) Civil Engineering, 1985, Second Class Upper.
Member, Nigerian Institution of Structural Engineers, 1989.
Member, Nigerian Society of Engineers, 1990.
Member, Association of Consulting Engineers, Nigeria, 2000.
Member, Faculty of Party Wall Surveyors, 2008.
Graduate Member, Institution of Structural Engineers, 2007.

**NUMBER OF YEARS
EXPERIENCE**

25 YEARS

**RELEVANT RECENT
EXPERIENCE**

Structural Design Engineer : David Smith Associates : July 2006 to date

Structural Engineer : Scott Wilson, Nottingham Office : Feb 2006 – May 2006

Partner/Executive Director: Vasons Concept Group, Lagos, Nigeria.

Associate Partner: Vasons Concept Group, Lagos, Nigeria

Senior Engineer: Vasons Concept Group, Lagos, Nigeria

Civil/Structural Engineer: EM-CIV CONSULTANTS, Lagos, Nigeria.

Civil/Structural Engineer: National Youth Service, Nigerian Army Engineers

CURRICULUM VITAE

NAME JACQUELINE BARNABY

COMPANY: DAVID SMITH ASSOCIATES

POSITION: DESIGN ENGINEER

QUALIFICATIONS: BSc (First Class Honours) Civil Engineering
UK Accredited University of the West Indies
Trinidad, West Indies.

**NUMBER OF YEARS
EXPERIENCE** 22 YEARS

**RELEVANT RECENT
EXPERIENCE** **Design Engineer**

Calculations for structural modifications to existing buildings,
checking of structural calculations.

Structural Engineer Technician
Calculations for Newham General Hospital
In London on several new build housing schemes.

Graduate Engineer, checking structural calculations for local
district council.
Capacity check on an existing steelwork mezzanine
Design work for the refurbishment of ten existing stores for
Primark Stores Ltd.
Structural Analysis of design of four storey reinforced
concrete frame with precast floor for an office building for
AMOCO Oil Co. Trinidad Also involved in specifications and
good engineering practice.
Structural analysis and design of three storey reinforced
concrete frame with insitu concrete floor for an office building
for the Inter American Development Bank in Port Spain,
Trinidad.
Structural Assessment of existing buildings to assess damage
due to fire, floods or earthquakes for the justification of
insurance claim.
Bechtel International won the contract to construct an
Ammonia Plant in Trinidad on the site of an old oil refinery.
Work involved the preparation of tender documents and Bills of
Quantities for a series of small jobs required for clearing the
site for the construction of the plant.

CURRICULUM VITAE

NAME: LARRY JESSETT
COMPANY: DAVID SMITH ASSOCIATES
POSITION: AUTOCAD TECHNICIAN
QUALIFICATIONS: Extensive on Job Training
NUMBER OF YEARS EXPERIENCE: 19 YEARS

RELEVANT RECENT EXPERIENCE:

Employment History: 2008 to date

Autocad Technician – David Smith Associates

Engaged on several contracts to provide Civil and Structural Engineering Draughting support on projects including:

Slinfold Golf and Country Club

This involved the provision of a new swimming pool and spa building, together with the conversion and extension of part of the existing club house into a gym.

Site at Brackmills, Northampton

This is a new development including commercial warehousing, an office building, a retail building, and a nursery building. It is also necessary for us to detail suitable retaining wall structures around the perimeter of the site.

2007 to 2008

Draughtsman – Nortec Structures Ltd

Using Tekla Structures I was engaged on many projects on a purely steelwork fabricating basis, giving a valuable insight into 3D modelling processes and seeing projects from a contractor's point of view.

2007 to 2008

Director – Firefly Draughting Ltd.

Formed my own Structural and Civil Draughting practice working from home for various Structural and Civil Engineering Consultancies from Northampton, Milton Keynes, Bedford, and Tring.

2005 to 2007

Autocad Technician – RDT Design Ltd.

Employed initially to work for the Structural Department on various projects mainly involving reinforced concrete ground beams and piled foundations, and reinforced concrete framed buildings. Due to overwhelming demand on the Architectural Department I did a lot of Architectural work involving developing standard house-types for major developers, and worked on site layouts for large housing developments.

1998 to 2005

Autocad Technician – Woods Warren / RPS Design

Employed by Woods Warren who were bought out by RPS in 2003. In this position I worked for the Structural Department, the Civil Department, the M&E Department, and the Surveying Department as the need arose. Significant projects included the creation of two new Motorway Service Stations either side of the M3 at Winchester, and a large residential and retail development consisting of five high-rise reinforced concrete buildings.

1990 to 1998

Draughtsman – K.G. Watson & Partners

Was trained how to prepare Structural and Civil drawings using pens and a drawing board. Using just the drawing board I was involved in various office developments, mainly steel framed buildings.

I also looked after various household insurance claims, including carrying out surveys, drainage inspections, and monitoring. These often concluded by producing underpinning schemes which I then project managed.

PRACTICE FACILITIES

- **Fully computerised.**
- **Fax and e-mail facilities, e-mail on Broadband for speed.**
- **In-house printing facilities, A4-A0.**
- **Colour copying.**
- **Digital camera, enabling photographs to be scanned and included in reports.**
- **A3 and A4 colour scanning facilities.**
- **Technical library.**