

Curriculum Vitae

Peter Brown

Position in Firm: Engineer
Profession: Civil Engineer
Place of Birth: Preston, Lancashire, UK
Year of Birth: 1980
Nationality: British
Marital Status: Single
Year joined firm: 2004
Specialisation(s): AutoCAD, Structural Detailing (Steel / Concrete)

Education/Qualifications: 1997 - City and Guilds 2300 CAD Certificate
1998 - ONC Civil Engineering, Preston College
2000 - HNC Civil Engineering, Bolton Institute of Higher Education

Professional Employment: 1996 - 2002 - Babbie Group, Consulting Engineers
2002 - 2004 - Faber Maunsell, Consulting Engineers
2004 - Date - Paul Snape Associates, Consulting Engineers

Recent Experience

Colne Apartments, Colne Lane – Involved in the ongoing production of sub and superstructure drawings for the development of 16No. apartments in Colne, Lancs. This involves close liaison with the project Architect due to the complexity of the site.

Clitheroe WwTW – Produced reinforced concrete drawings and bar bending schedules for the construction of the extension of an existing treatment works.

Leamington Road, Blackburn – Produced all civil drawings for a new housing estate on a brownfield site in Blackburn, Lancs. This included producing Highways drawings using Key TERRA-FIRMA which required Section 38 approval from the Local Authority. Produced drainage drawings to United Utilities standards so that Section 104 approval could be granted for the drainage system.

Hill Top / Holden Gate – Used HoleBASE to input ground investigation results from which bore hole logs were produced. Using the information that was input into HoleBASE, KeyHOLE was then used to produce drawings with the position and results of the logs shown.

Previous Experience

Involved as part of the inspection team working on the Manchester Metrolink Asset Study.

Produced general arrangement and reinforcement drawings for various structures for the Nottingham Express Transit Scheme.

Produced drawings for Public Consultation for Line Two of the Edinburgh Tram.

Produced steelwork drawings for the ongoing refurbishment works at the Triangle Shopping Centre in Manchester.

Worked with a team of Engineers carrying out inspections for 23No. Motorway Bridges, Culverts and Retaining Walls on the M74 near Gretna.

Lead a team of Technicians collating information for 10No. bridges for assessment purposes.

Produced all construction drawings for the replacement of 4No. bridge piers at Junctions 18 and 19 of the M6 as part of the Area 10 commission.

Produced demolition works drawings for a bridge at Southport Marina.

Assisted Engineers on many occasions carrying out site inspections and bridge / culvert inspections.

Produced construction drawings of strip footings for a new four storey administration building at Preston College

Peter Brown - Professional Experience

PSA Design, 2004 – Date

Produced all tender and construction drawings for the following portal frame projects :-
Touchline Fabrication Warehouse – 18m long portal frame building with adjoining offices
Mark Clegg & Co. Ltd – 18m long portal frame building including pad and strip footings.
Helicopter Hanger – Produced all drawings including reinforcement, steel and detail drawings for a new build helicopter hanger at Salwick, Nr Preston.

Fulwood Park, Phase III - Produced all reinforcement, steel and detail drawings for the construction of 4No. new build office blocks on Pittman Way, Preston.

Central Corridor Phase 1 – Involved in the production of drawings including geological plans, general arrangement and reinforced concrete drawings for the redevelopment of Highway and recreation area near Bloomfield and Waterloo Road in Blackpool.

Produced all tender and construction drawings for the following portal frame projects :-
Touchline Fabrication Warehouse – 18m long portal frame building with adjoining offices
Mark Clegg & Co. Ltd – 18m long portal frame building including pad and strip footings.
Helicopter Hanger – Produced all drawings including reinforcement, steel and detail drawings for a new build helicopter hanger at Salwick, Nr Preston. Also undertook some investigative work on the existing drainage system in order to access the impact of the new structure.

Fulwood Park Phase III – Produced all reinforcement, steel and detail drawings for the construction of 4No. new build office blocks on Pittman Way, Preston. Duties included liaising with the architect, contractor and specialist companies i.e Metaldeck Ltd.

Faber Maunsell, 2002 - 2004

Involved as part of the inspection team working on the Manchester Metrolink Asset Study. This included firstly accompanying an Engineer whilst inspecting the structures. Working in both red zones under lookout and green zones with a possession. Then once back in the office assisting Engineers in the production of the reports.

Worked on a feasibility study for a proposed footbridge in the Scottish Highlands. KeyTERRA-FIRMA was used to determine approximate levels.

Produced drawings showing bearing replacement details at both the East and West Abutments of the Mancunian Way (A57(M)).

Nottingham Express Transit Scheme. Produced general arrangement and reinforcement drawings for various structures. Remedial work was required to a number of OHLE Poles for which drawings were produced.

Produced drawings for Public Consultation for Line Two of the Edinburgh Tram.

Draughted drawings for several different types of Variable Message Sign (VMS) bases in Scotland.

At a number different sites located throughout the UK I have detailed many different structures using SuperCAD, including Foundations and Transformer bunds. At the Rainhill Site where a new access road was to be installed the Horizontal and Vertical alignment of the new road was designed using KeyTERRA-FIRMA.

Involved in the production of a full set of tender drawings for a new leisure complex in Sunderland. The scheme included a new road alignment and associated structures.

Produced a full set of tender and subsequently construction drawings for a new recreation area at Great George Square in Liverpool. Drawings included general arrangement, reinforcement and steelwork drawings for various structures.

Peter Brown - Professional Experience

Produced construction drawings for a new reinforced concrete deck slab over an existing culvert. The culvert is located on the site of a proposed residential development at a disused bleachworks in Standish.

Produced steelwork drawings for the ongoing refurbishment works at the Triangle Shopping Centre in Manchester.

Babtie Group, 1996 - 2002

Assisted Engineers on many occasions carrying out site inspections and bridge / culvert inspections.

Provided technical assistance to chartered Engineers on 54No. Trunk road and Motorway Principal Bridge Inspections for Lancashire County Council. The inspection work involved working on live motorways and busy trunk roads with traffic management in place.

Worked with a team of Engineers carrying out inspections for 23No. Motorway Bridges, Culverts and Retaining Walls on the M74 near Gretna. Before being allowed to commence work on this project I was required to attend a safety induction course in order to increase awareness the danger of working on live motorways.

Working alongside a graduate Engineer carried out condition Surveys for 30No. pipes bridges located across the North West of England.

Lead a team of Technicians collating information for 10No. bridges for assessment purposes. Information on the steel reinforcement contained within the bridges was obtained using a HILTI Ferroskan. Responsible for the majority of the assessment work.

Produced all construction drawings for the replacement of 4No. bridge piers at Junctions 18 and 19 of the M6 as part of the Area 10 commission. This work involved the production of general arrangement, reinforcement and traffic management drawings.

Produced all construction drawings, including setting out, general arrangement and reinforcement drawings for 2 No. new bridge structures in Ireland.

Involved in a bridge refurbishment project on the M56 near Ellesmere Port. Produced drawings showing where the deck slab was to be replaced with new cover slabs.

Produced demolition works drawings for a bridge at Southport Marina.

Assisted Engineers on a Station Regeneration Programme. This involved going to the station with an Engineer and carrying out a structural inspection. Responsible for preparing and issuing the inspection report. As part of the Station Regeneration Scheme. Track Gauging work was undertaken at Birkenhead Station.

Produced construction drawings of strip footings for a new four storey administration building at Preston College. Also produced drainage drawings and schedules for the same project.

Produced construction drawings for a new raised steel platform at Manchester University. A similar project was also undertaken for a cooler platform in Nottingham.

IT Systems and Software

A range of computer skills involving the use of various software packages. Proficient in the use of AutoCAD (from release 13 onwards). Also familiar with the use of Microsoft Word, Excel, PowerPoint some Photoshop packages, Super CAD and KeyTERRA-FIRMA.