



Name: Una Beagon

Profession: Structural Engineer

Qualifications: MEng Structural Engineering Queen's University, Belfast 1994

Memberships: CEng Chartered Member of the Institution of Structural Engineers

MIStructE

MICE Member of the Institution of Civil Engineers

MEI Member of the Engineers Ireland

Council Member of the Institution of Structural Engineers (00-05)

Summary of Expertise

- Winner of the Karen Burt Award – For demonstration of excellence in the practice of engineering. (ICE Nominated).
- Design of structures in reinforced concrete, steel, masonry and timber. Project Supervisor (PS) – experience on a number of projects.
- Extensive refurbishment and building assessment experience.

Computer expertise: AutoCAD, MasterSeries, Fastrack Portal, Scale & S-Frame Structural Design Software

Experience

2011 Consultant, PHM Consulting, Dublin.

2004 - 2010 - Regional Director, PH McCarthy/WYG, Dublin

Hansfield Schools (2008-2010)

Project Engineer to Stage 3 for the Post Primary School on the Hansfield Schools Site. This project presented difficulties in relation to the drainage of the site with a foul pumping station and a large attenuation pond being required.

Virginia VEC School Extension, Virginia, Co Cavan (2002 – 2005) €6.4M

Project Engineer for extension and refurbishment of existing school. The new school was constructed in load bearing masonry with a steel portal frame over the PE hall. Phasing was considered carefully as the existing school was in operation during the course of the works.

16 Classroom GRD Primary School, Stepside, Co. Dublin, €4M

As a Generic Repeat Design School, the work involved an analysis of the existing site conditions and the design of the siteworks to suit. Una acted as Project Reviewer on the project to ensure the design was

carried out in accordance with all TGD's and as efficiently as possible.

FÁS Construction Skills Training Centre, Mountlucas, Co. Offaly (2006 - date) €5.7M

Una acted as Project manager, Lead Consultant, Architect, Structural Engineer and PSDS for this project which highlights her abilities in Client Liaison and in particular determination of the brief from the Client. She also excelled in Design Team Management and co-ordination of all design team members. The facility comprises a teaching block with 6 classrooms and teacher's offices and the external works include a maintenance facility, SEI building and a roofing rig.

FÁS Training Centre, Tallaght (2005 - 2007) €22M

Project Engineer responsible for design & site supervision of this multi-storey facility including an administration block bounded by workshops and teaching classrooms.

2003 - 2004 – Associate, White Young Green, London

Isle of Wight Schools – Framework Agreement

Project Engineer for framework projects which included various extensions and alterations to schools on the Isle of Wight.

1994 - 2003- Associate, Doran Consulting, Belfast & London

Hazelwood College, Belfast - €12M

This project involved substantial new build and refurbishment of existing buildings. A complicated phasing of work was required to allow the school to remain open during the 3 year construction programme. Design Engineer and Site Supervision.

Liberty School, RAF Lakenheath, €2M

Single storey extension and refurbishment to existing school building.- Project Engineer and Site Supervision

Muckamore Primary School – €3M

Single storey school building in Co Antrim, Project Engineer

Moira Primary School, Co Down. €2.5M

Design of new 2 storey classroom block on existing live school site. The structure a timber trussed rafter roof on isolated steel beams supported on a load bearing masonry structure. – Project Engineer responsible for design and site supervision.