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ARCHITECTURE & CONSERVATION

RESIDENTIAL DESIGN WORK

AGRICULTURAL STRUCTURES

HOTELS & RESTAURANT DESIGN

LISTED & HISTORIC BUILDING WORK

SUSTAINABILITY & ENERGY EFFICIENCY





THE PRACTICE



ARB Architecture is based in Broadhempston, just 5 miles out of the centre of Totnes. The practice is ideally located to serve the South Hams area of Devon and beyond.

The practice has acquired a specialised knowledge in conservation architecture and has invaluable experience in repairing and extending listed buildings and domestic housing.

The practice provide specialist advice to property owners wishing to improve the energy performance and running cost of their buildings. The cost of heating and lighting of your property can be reduced substantially by implementing simple and cost effective innovative technical improvements.

Alex Bolt R.I.B.A., is the enthusiastic principal who over the last 15 years has gained considerable experience in sustainability, designing new build projects, extensions, conservation, hotel and restaurant refurbishments. Alex believes in providing a value for money qualified Architect efficient quality design service.

Being a rural practice the firm also offers a specialist service to local farmers who wish to expand their existing facilities or convert redundant farm buildings to residential or commercial use.

Alex has been working extensively on projects for the National Trust over the last 12 months and as a National Trust approved consultant Architect can provide invaluable help to those considering repairs or alterations, conversions or extensions to historic and listed buildings.

Alex worked on The Olive Farm project in 2007/8 from design to completion for a previous employer in Plymouth.

The site was located on the outskirts of Wharfside Shopping Centre in Penzance, adjacent to the local harbour.

This project incorporated the clients wish to expand her business by introducing a licensed restaurant. The inclusion of a new mezzanine floor created the space required, coupled with the opportunity to maximise on the glorious views over the harbour.

Project : The Olive Farm

Location : Wharfside Shopping Centre, Penzance

Project Architect : Alex Bolt

Client : Charville Estates, London

Engineer : Queste Consultancy

Quantity Surveyor : BPP Construction Consultants

Contractor : MJ Chapman

Project Cost : £120,000

Completion : 2008

RESTAURANTS

The Olive Farm



During Alex's employment at a practice based in Plymouth, he collaborated with the firms building surveyor Steve Holland. The client requested that the refurbishment should incorporate vandal proof technologies where feasible.

During the initial concept stages both project Architects worked closely with the towns historical trust and the local planning office.

The castellation's needed significant repair and we worked closely with the contractor to ensure that these repairs employed traditional materials and building techniques.

Project : Tavistock Town Public Toilets

Location : Bedford Sq, Tavistock

Project Architect : Steve Holland & Alex Bolt

Client : West Devon Council

Engineer : N/A

Quantity Surveyor : N/A

Contractor : RM Builders, Tavistock

Project Cost : £100,000

Completion : 2008



In June 2010 Alex submitted a thesis and design as part of thesis submission. The brief was to design an adaptable, affordable & sustainable village for the outskirts of Bristol.

As part of this process Alex researched and developed a housing design that encapsulated the growth processes of a tree and enable the village to grow like a woodland.

Each home could be adapted when/if the dynamics of a family changed with every pod (branch) being able to be built using affordable and sustainable materials primarily by the home owners themselves. Key technologies were explored, PV arrays, ground source heat pumps, grey water recycling and timber management from which waste could fuel biomass boilers.



AFFORDABLE HOUSING Utopian Village, Bristol



ENVIRONMENTAL STUDY

Old Debenhams Store, Exeter

Projections for our building needs in the 21st Century show that 60% of the buildings we will require already exist. The impact these buildings have on our environment is significant and remains largely unaddressed. The rehabilitation of these buildings towards better environmental performance can greatly reduce their impact.

The practice was asked by a private client to produce a quick environmental report on an existing 1960's department store in Exeter.

The client wanted a cost effective way to improve the thermal envelope without reducing the internal floor area, as they were investigating the possibility of a residential scheme for the site.

A Trespa panel system was recommended and could greatly improve both the appearance and the thermal performance at a feasible cost. The large image opposite is the site in Exeter and the smaller images demonstrate the flexibility of the panel system in giving the building a face lift whilst vastly improving its thermal performance.



Whilst working for a local practice Alex was the project architect and contract administrator for Lower Greenway Farmhouse in South Devon.

The project involved the refurbishment and conversion of a dilapidated farmhouse into a small guest house for the National Trust.

The grade II listed status of the farmhouse required careful consideration to the historic fabric, landscapes and wildlife whilst bringing the accommodation into the 21st century. Alex project managed whilst working closely with the National Trust and contractor to ensure that this project came in on time and on budget.

Project : Lower Greenway Farmhouse

Location : Greenway, Brixham

Client : The National Trust

Project Architect : Alex Bolt

Quantity Surveyor : Randall Simmonds, Devon

Contractor : W Cooper & Sons, Plymouth

Project Cost : £170,000

Completion : Sept 2011



Alex designed and contract managed this project for the National Trust and a previous employer in South Devon.

The visitor's centre and café were built in 1999 not long after the National Trust took control of Coleton Fishacre house & gardens. Since then visitor numbers have increased year on year creating the justification for a larger reception congregating area, more retail sales space and an extension to both the café and reception buildings.

Alex worked closely with the contractor and client to ensure that construction work did not disrupt visitors during opening hours.

Project : Visitor Reception & Cafe Extension
Location : Coleton Fishacre, Kingswear, Devon
Client : The National Trust
Project Architect : Alex Bolt
Quantity Surveyor : Randall Simmonds, Devon
Contractor : W Cooper & Sons, Plymouth
Project Cost : £220,000
Completion : March 2011

COMMERCIAL Visitor Reception & Cafe, Coleton Fishacre



During Alex's employment with a previous firm of architects based in Plymouth, he was instrumental in gaining planning permission for the change of use required for Costa Coffee at Wharfside Shopping Centre.

The application took 6 months to gain the necessary approval. The client faced stiff opposition and resulted in a numbers of public consultations, specialist reports being required and led to the application being determined and approved by the local planning committee.

Project : Costa Coffee

Location : Wharfside Shopping Centre, Penzance

Project Architect : Alex Bolt

Client : Charville Estates, London

Engineer : Queste Consultancy, Plymouth

Quantity Surveyor : BBP Construction Consultants

Contractor : MJ Chapman, Penzance

Project Cost : £100,000

Completion : 2008

RESTAURANTS

Costa Coffee





RIBA Chartered Architect

AFFORDABLE HOUSING Kingswood, Bristol

Appointed in March 2010 by Kings Barton Housing Association, the practice was asked to undertake a concept scheme design for the housing association. The site housed a redundant garage adjacent to one of the associations existing developments, upon receiving the concept design KBHA then purchased the site.

KBHA provide specialist accommodation for the over 60's to rent or to buy. This type of housing is on the increase with the current global economic situation and divorce rates in senior citizens on the rise. It was therefore imperative to show how to maximise the space and to gain the required number of dwellings for the association.

The project is intended to be delivered in two phases. Now that they have purchased the site, phase one is to gain detailed planning permission and to construct the properties. Phase two, is then to completely refurbish an Edwardian House that neighbours the site, this will enable KBHA to increase the dwellings within the property by reorganising the outdated layout and provide modern, self contained apartments.

We are pleased to be able to assist KBHA and are currently awaiting further instructions from the board.

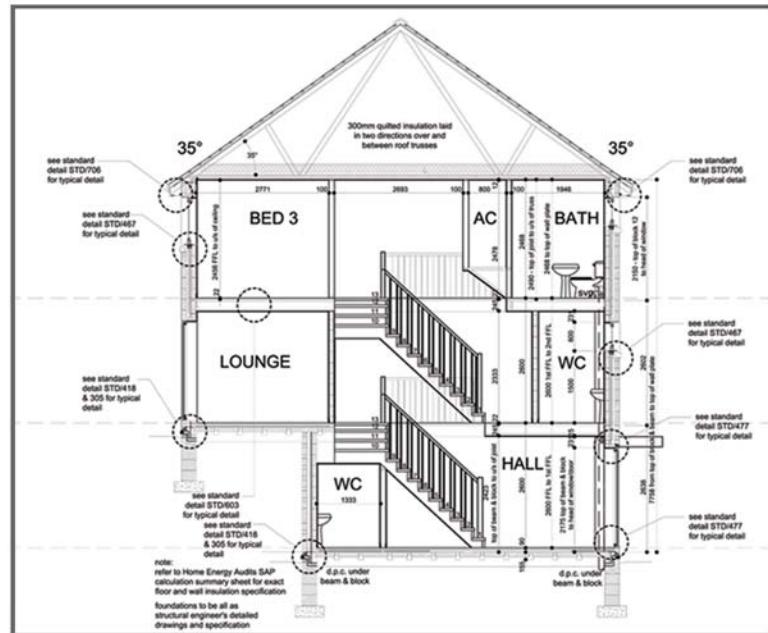


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In June 2011 the practice was appointed to undertake a feasibility study for a private client. This client wished to explore alternative uses for his site, currently used as motor repair garage. The client hoped that we would be able to get two, 3 bedroom dwellings on to the site, the report demonstrated that this would be possible.

Modbury is a small Devon town and the site had many constraints, notably the steep bank to the rear and the difficult access on a sloped road.

ARB Architecture are working with the client on the next stage and submitting a detailed planning application to the local planning authority.



When working for a previous employer in Plymouth, Alex was part of the design team that successfully delivered the St Mellion project. Working on both the new hotel and club house refurbishment, Alex's knowledge of the hotel and leisure industry assisted the transition of the project by offering solutions to on-site problems.

The new hotel boasts 80 bedrooms, with balconies facing the world class Nicklaus golf course. In addition to the hotel the existing clubhouse also underwent a major refurbishment program and now provides outstanding spa, restaurant, conference and leisure facilities.

Project : St. Mellion International Golf Resort

Location : St. Mellion, Cornwall

Client : Crown Estates

Engineer : Airey & Coles, Plymouth

Quantity Surveyor : Midas Group

Contractor : Midas Construction

Project Cost : £20m

Completion : 2009



This major project was completed for a private client where they required a full refurbishment of this large premises in Exeter.

The Crawford operated for many years as a public house, the design team saw the chance to convert the upper floor's into eight en-suite bedrooms, thus creating the opportunity to re-brand the pub into a hotel and create additional revenue for the client.

Part of the design work involved an extensive commercial kitchen that would be able to support the introduction of a restaurant and function suite, both complimenting the successfully operating bar. The Hotel had just over a third of an acre of gardens that were cleared and reorganised, offering a clean and safe environment for families to enjoy.

Working closely with the contractor and client Alex ensured that construction work disruption was kept to a minimum so that trade and income would resume at the earliest time for the client.

HOTELS

The Crawford Hotel, Exeter





CGI/3D RENDERING

3D rendering is the 3D computer graphics process of converting 3D wire frame models (CAD) into 2D images with 3D photorealistic effects using a computer program.

Rendering is the final process of creating the actual 2D image or animation from the prepared scene.

A project can benefit using rendered images during early design stages with local residents, planners and parish councils. It can be an inexpensive way to communicate the design of a building placed in a specific location.

Adjacent are some examples that have been created and used with our clients during early stages, to help us gain valuable feedback from planners, parish councillors and local residents. This feedback is then incorporated into the project prior to a formal planning application being submitted.

These are charged separately, should they be required. ARB Architecture will happily supply a quote for 3d rendered images.





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