

Anne Thorne Architects



Anne Thorne Architects is a practice designing new-build and retrofit sustainable projects and advising clients on good quality low energy design.

Over 20 years ATA has built up a reputation for site and user specific projects that enhance the value of places by working imaginatively and collaboratively with our clients.

PRO

http://www.youtube.com/watch?v=VBmMU_iwe6U

PRO: ARGUMENT

ATA makes sustainability accessible to the common man through Passivehaus Standards.



Passivhaus buildings provide a high level of occupant comfort while using very little energy for heating and cooling. They are built with meticulous attention to detail and rigorous design and construction according to principles developed by the Passivhaus Institute in Germany, and can be certified through an exacting quality assurance process.

The Passivhaus Standard

The Passivhaus Standard requires:

- a maximum space heating and cooling demand of less than 15 kWh/m².year or a maximum heating and cooling load of 10W/m².
- a maximum total primary energy demand of 120 kWh/m²/year.
- an air change rate of no more than 0.6 air changes per hour @ 50 Pa.

To achieve the Passivhaus Standard in the UK typically involves:

- very high levels of insulation
- extremely high performance windows with insulated frames
- airtight building fabric
- ‘thermal bridge free’ construction
- a mechanical ventilation system with highly efficient heat recovery

The Passivhaus Trust recommends that the best way to achieve quality assurance for a Passivhaus project is through certification by a registered Passivhaus Certifier. It is reasonable to claim that a building is a non-certified Passivhaus provided that it still meets the requirements of the standard. Read more about this in our Technical briefing paper [here](#).

eco-hub

client: Haringey Council
completed autumn 2012

The Eco-hub is the centrepiece of the regeneration and transformation of the historic Lordship Recreation Grounds and has been commissioned by Haringey Council. It will provide teaching space for environmental education, a multi-purpose community space for community organisations. This building is exemplar of sustainable building techniques, requiring the minimum amount of energy to run, and producing part of its own energy.

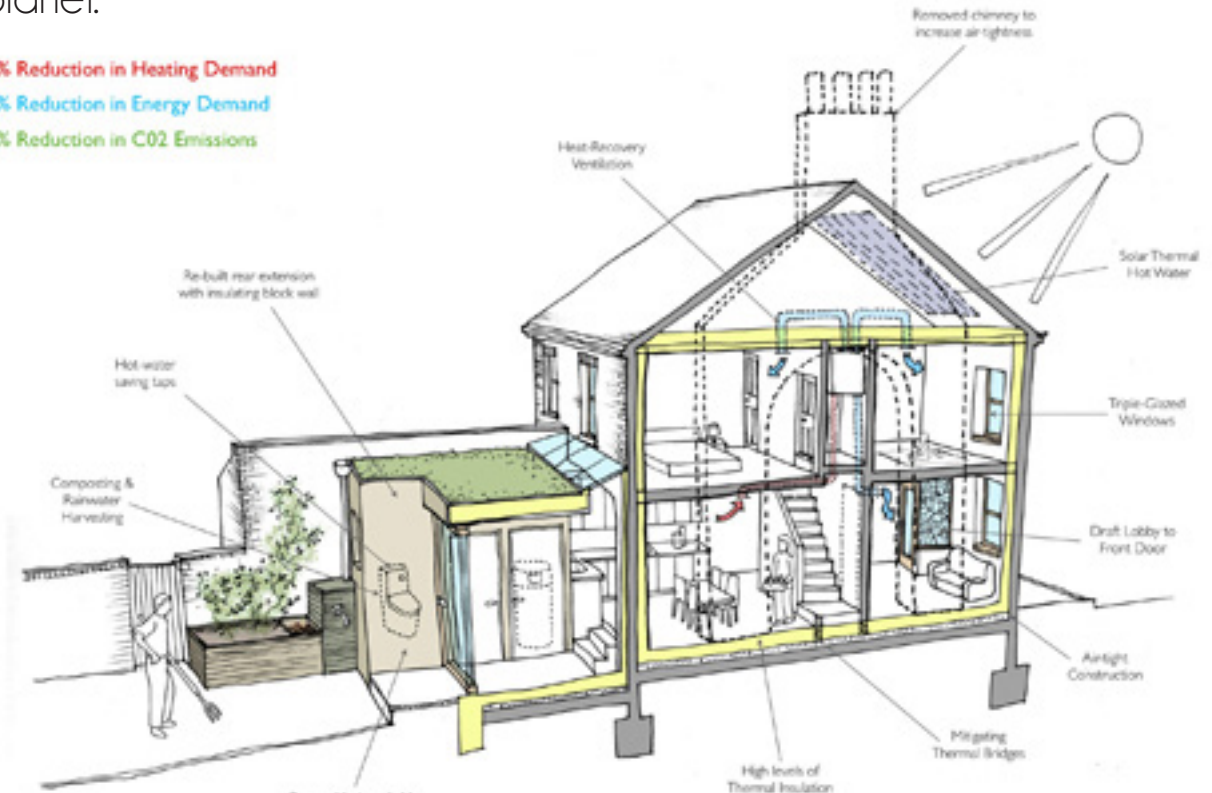
Built with an FSC certified timber frame with community built straw bale walls and covered with a green roof, the building will be robust with a 'skirt' of gabion walls, decorative security screens and planting. Renewable energy will be generated by roof-mounted photovoltaic panels, and rain water will be harvested for irrigation purposes. Volunteers from the local community received training in straw bale construction and participated in the assembling of the straw walls.



PRO: ARGUMENT

Seek to educate clients in the merits of sustainable design: ATA designs for people & planet.

- 78% Reduction in Heating Demand
- 84% Reduction in Energy Demand
- 88% Reduction in CO2 Emissions



st luke's | london

ann thorne architects

I CONSIDER ATA TO BE A CLIENT FOCUSSED
PROFESSIONAL PRACTICE THAT HAS
SUSTAINABLE DEVELOPMENT AS A KEY
DRIVER IN ITS WORK.

- JON LISSIMORE, ENVIRONMENT MANAGER,
LAMBETH HOUSING

OUR CONCERNS AND NEEDS HAVE BEEN
RESPONDED TO PROMPTLY AND
EFFECTIVELY. . . THEY HAVE EDUCATED US
THROUGH THE BUILD PROCESS,
INCLUDING THE SUSTAINABLE APPROACH, SO
THAT IT HAS FELT LIKE A SHARED
ENTERPRISE THROUGHOUT THE BUILD
PROGRAMME.

- LESLEY BENSON, HEADTEACHER, CARLTON NURSERY SCHOOL



client: Metropolitan Housing Trust
contract value: £900,000.00
completed: 2009

RIBA Award 2010

Five family houses make the most of a pocket site behind the back gardens of the grand Victorian villas of Cubitt's Clapham Park, Lambeth. The houses sit amongst mature Sycamores, Willows, Ashes and a Chinese Privet and the early stages of the design took advantage of the wooded quality of the small site to create a 'huts in the garden' feel. Timber framed and clad in timber shingles and part render, with green roofs, timber windows and external shutters the houses achieved Ecohomes 'Excellent'. A shared garden to the south-east is also part of the development and is enjoyed by the 23 children living on Bateman Mews.

CABE BUILDING FOR LIFE CHAIR WAYNE HEMINGWAY MBE SAYS: THIS IS A
HIGHLY DISTINCTIVE AND PLEASING SCHEME ON THE TYPE OF SITE THAT
OFTEN PRODUCES MEDIOCRE AND UNIMAGINATIVE RESPONSES.

PRO: ARGUMENT

Provides consultancy services to help homeowners, schools and third sector clients reduce CO2 emissions and make the most of their buildings. Work to educate and engage students in a more meaningful way.

WE HAVE BEEN WORKING WITH ANNE THORNE ARCHITECTS SINCE 1999 . . . THE PROJECTS HAVE BEEN DEVELOPED TO THE HIGHEST STANDARDS, OFTEN EXTENDING BEYOND THE REMIT OF ARCHITECT.
SUE DONOVAN, HEADTEACHER, HOLMEWOOD NURSERY SCHOOL

WHEN PEOPLE HAVE A CONCRETE PROJECT TO FOCUS ON, CONSULTATION IS A REALLY GOOD WAY TO TALK ABOUT SOMETHING TOGETHER, A BIT LIKE GARDENING. IT'S NOT NECESSARILY ABOUT AGREEING, BUT REACHING A CONSENSUS THAT MAKES IT POSSIBLE TO MOVE THINGS FORWARD.
ANNE THORNE

PRO: ARGUMENT

Specialise in low energy design detailing, using natural materials.



ann thorne architects

client: L B Barking & Dagenham

contract value: £1.7m

completed: 2008

The project was an initiative of LB Barking & Dagenham Sure Start to build on and develop existing school, community and childcare provision at Furze Infants School.

The new building demonstrates a sustainable approach to construction using honeycomb clay blocks and insulation standards well above current building regulations. Solar thermal panels heat water for the kitchen and for the underfloor heating. The school has a nighttime cooling system, which uses natural ventilation to cool the school in summer. Natural materials and finishes were chosen for floors and walls.

PRO: ARGUMENT

A firm that does not develop projects around “starchitecture.”



Pilot social housing project: Anne Thorne Architects
29/05/12
Eight family houses in West Hendon, London.

The house designs were developed in workshops in which residents were taught to read architectural drawings. Aspects arising from the discussions include the use of red brick, coloured render to emphasise individual houses and a link to shops on nearby Broadway. Residents chose kitchens overlooking the street over other alternatives, and double doors between dining and living rooms to allow for flexible open-plan living. The sloping roof space over bedrooms and stairs, and central rooflights help the rooms feel light and spacious.

Designed with a ‘whole-house fabric-first’ approach, the houses have insulation levels 35 per cent above Building Regulations requirements, with high-performance windows and good airtightness. High-efficiency services include mechanical ventilation with heat recovery (MVHR) and solar thermal hot water.

The site slopes down towards the reservoir, and residents, familiar with views over the water, were keen to exploit this. Thus the houses step down the street, with three-story houses at the higher end, and all with south-facing bay windows. The two houses on Cool Oak Lane echo their semi-detached neighbours with a shallow plan and symmetrical roofs.

beyonce

<http://www.architecturetoday.co.uk/?p=23225>

PRO: ARGUMENT

A champion for women in the feild of architecture, breaking the glass ceiling.

ANN THORNER RUNS THE WORLD

WOMEN
in
Architecture



• Current Status •

According to *The Architect's Journal's* first **Women in Architecture Survey** (<http://archdai.ly/y8gAhu>) the percentage of women in architecture has fallen over the past few years. When searching for a solution to the current situation, it's best to look back to see how far women have come and better understand where we go from here.

Jan 2009

Dec 2011



Jan 2009

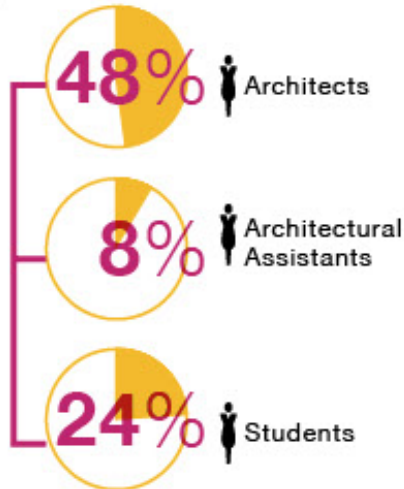
Dec 2011



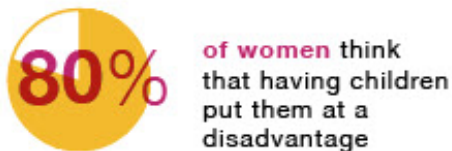
Women in Architecture Survey Results

671 

Women participated in the **Women in Architecture** survey



Some possible reasons for the drop in the number of women practicing architecture could be linked to the difficulty or unfairness of the work environment and/or in finding a balance between work and family due to long, inflexible work hours.



ZAHA HADID



Zaha Hadid drew a divisive response. She was praised for showing how 'female architects can be well respected and successful,' but criticised for failing to achieve a work/life balance.

History of Women in Architecture

<http://www.archdaily.com/216844/in-graphic-women-in-architecture/>

Key:



WE HAVE FOUND THEM TO BE PRACTICAL, PRAGMATIC AND EXTREMELY KNOWLEDGE - ABLE. THEIR EXPERTISE AND INTEREST HAS ASSISTED US IN ACHIEVING OUR CLIENT'S SUSTAINABILITY OBJECTIVES IN A COST EFFECTIVE MANNER. . . ONE OF THE FEW ARCHITECTS WE HAVE WORKED WITH WHO HAVE THE KNOWLEDGE AND UNDERSTANDING TO DESIGN TO CODE FOR SUSTAINABLE HOME FROM THE OUTSET.

SANDWOOD DESIGN AND BUILD

Sandwood is a medium sized main contractor operating in the Greater London area. We specialise in social housing and have extensive new build and refurbishment experience.

We believe that our approach to construction is unique among our competitors.

