

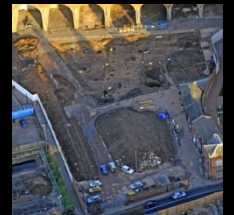
worcester

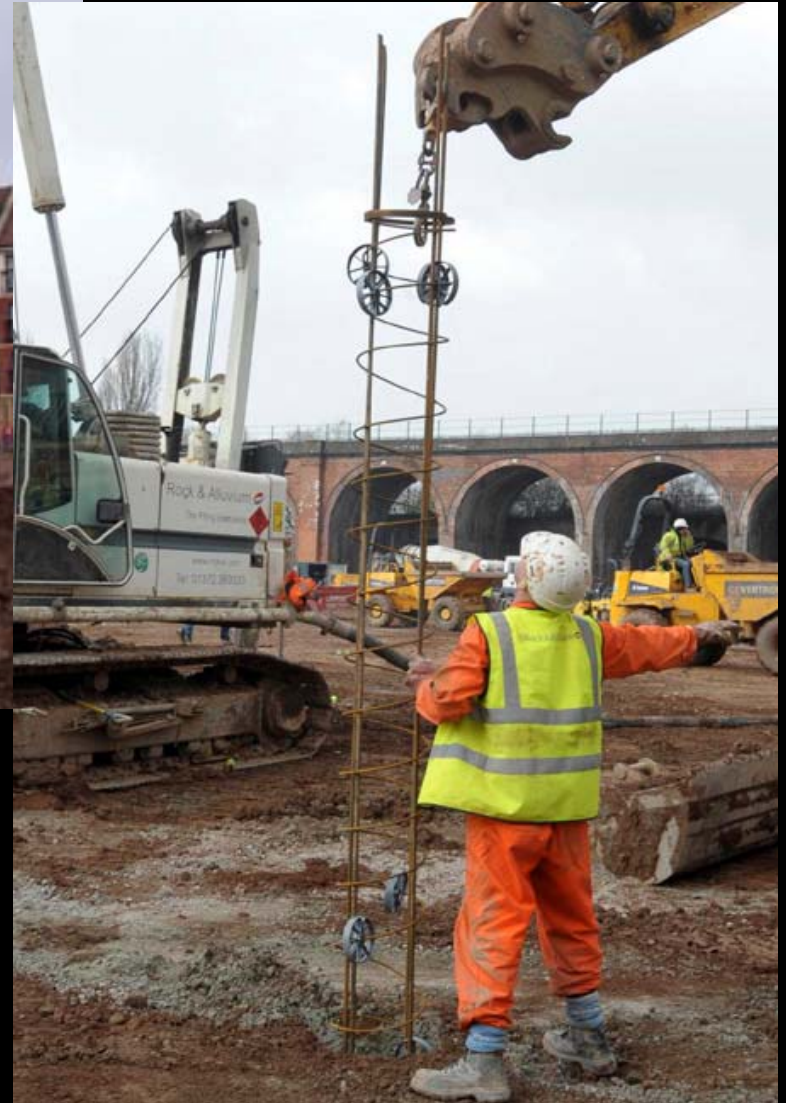
libraryandhistorycentre

Judith Keene

University of Worcester

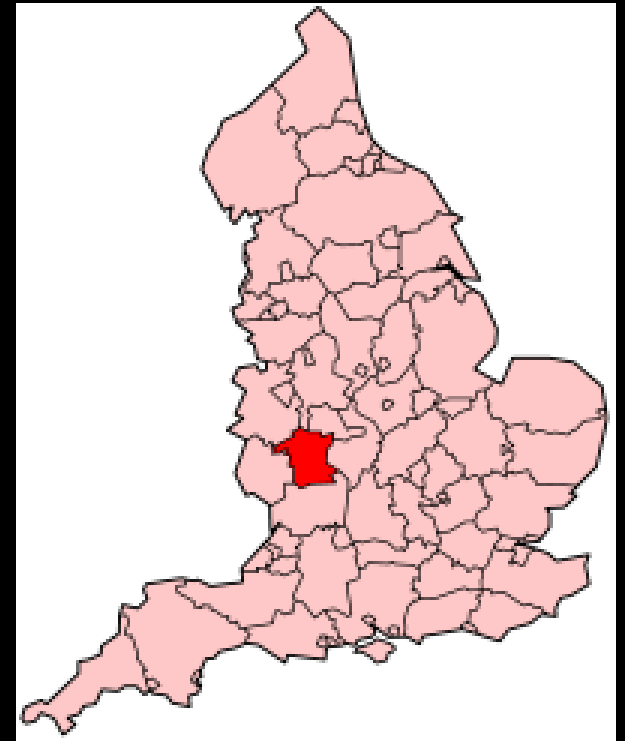
United Kingdom





worcester

libraryandhistorycentre





- A ground breaking development set within a unique, landmark building in the centre of Worcester
- The Centre will be the first of its kind in Europe and provide a rich resource for the whole community of Worcestershire and beyond





What will be provided?

- A fully integrated public and university library
- Worcestershire Record Office and archives
- Worcestershire Historic Environment and Archaeology Service
- Worcestershire Hub Customer Service Centre

The partners involved are

- Worcestershire County Council
- University of Worcester



Supported by

- Worcester City Council
- Advantage West Midlands



Consultation

Before, during and after the design process

- General public
- University staff and students
- Children and young people
- Local businesses
- Local societies
- Special interest groups







What they told us

- A welcoming place
- Somewhere safe to be outside
- Modern but sympathetic to the surroundings
- Help available
- A wide range of spaces from silent to lively, learning to retail
- Coordinating public transport with opening times

The process

- Detailed design statement
- PFI and competitive dialogue
- Service development workstreams and governance frameworks
- Archaeology works
- Construction starts Feb 2010
- Opening July 2012



Funding

- Private Finance Initiative
 - £40.89m PFI credits
(Department for Culture, Media and Sports)
- £10m Higher education Funding Council – England
- £7.1m Advantage West Midlands



Ten key underpinning principles

■ Inspiration

■ Connection

■ Aspiration

■ Learning

■ Integration

■ Inclusivity

■ Enduring values

■ Well being

■ Sustainability

■ Visibility

The winning design – Galliford Try

- Distinctive architectural form
- Integrated commercial activities
- Clear internal organisation – integrates services but maintains separate identities
- Variety of study scenarios for all
- Interior design exploits volume and light to create a range of individual but related spaces
- Holistic approach to environmental sustainability
- High quality public open space



The Design Solution



The Design Solution



The Design Solution





The Design Solution

- Designed by Feilden Clegg Bradley studios
- Gross internal floor area 11667m²
- 4 levels
- Ecologically landscaped public open space

The Design solution

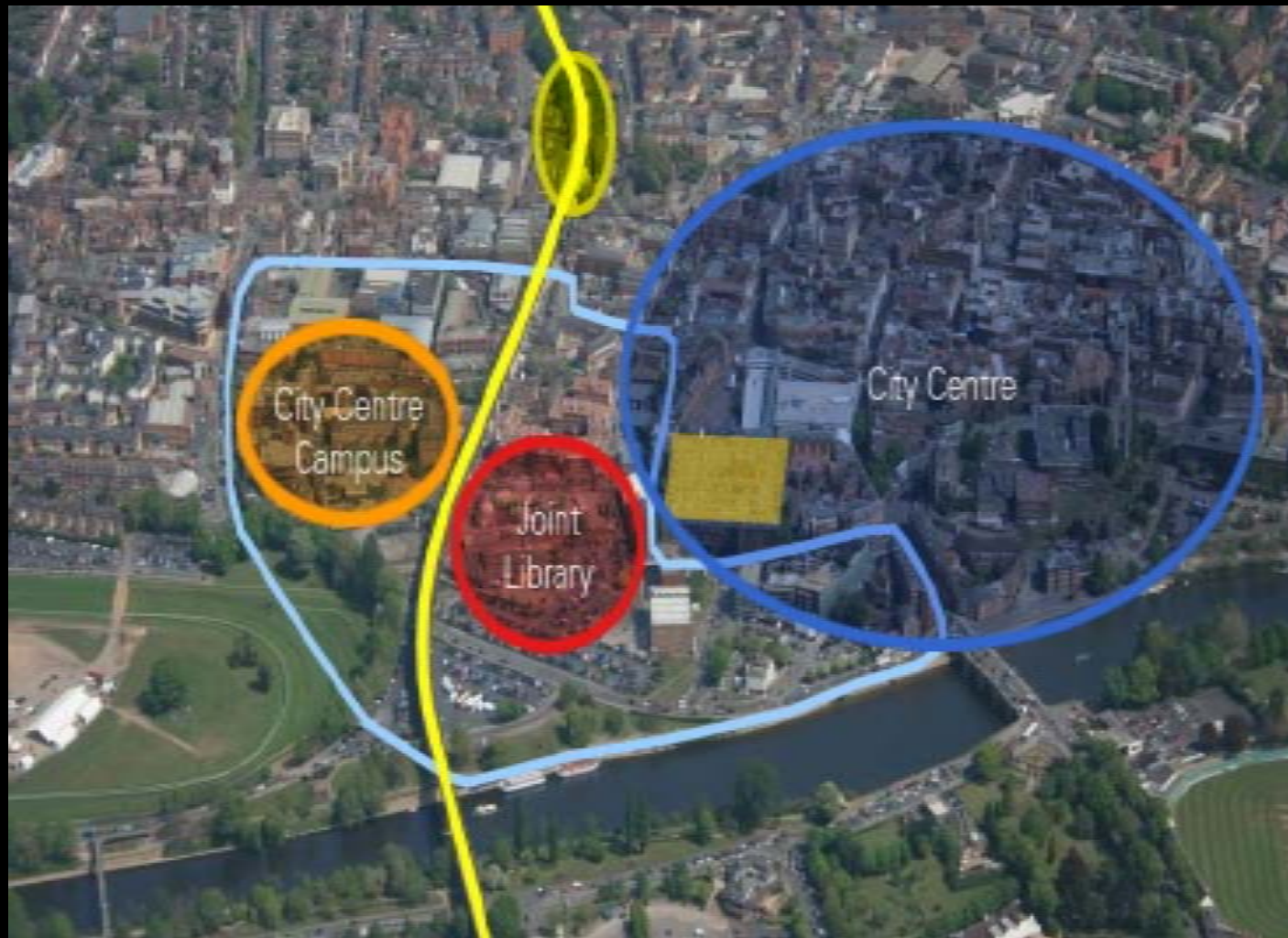
- Library shelving: 7274 linear metres
- 250,000 books
- 8 miles documented archives
- 23,000 records of archaeology sites and historic buildings
- 560+ study spaces, Wi-Fi







The vision - Connection



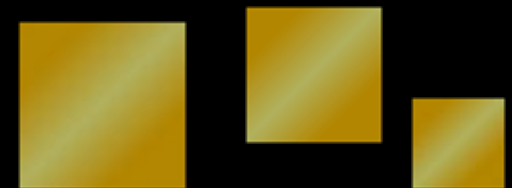
The vision - Connection

- Libraries to new audiences
- The curious to learning
- The disadvantaged to the community
- People to skills
- New generations to old treasures



The vision - Aspiration

- Foyer will showcase all the services
- All zones open to all
- Access to information about the university
- Opportunities for taster sessions, open lectures
etc.



The vision - Sustainability

- Aiming for BREEAM “Excellent” rating

(Building Research Establishment Environmental Assessment Method)

- CO₂ emissions: 15.8 kg /m²/yr (Typical library = 61kg/m²/yr)

 - 50% reduction on Part L2 Building Regulations

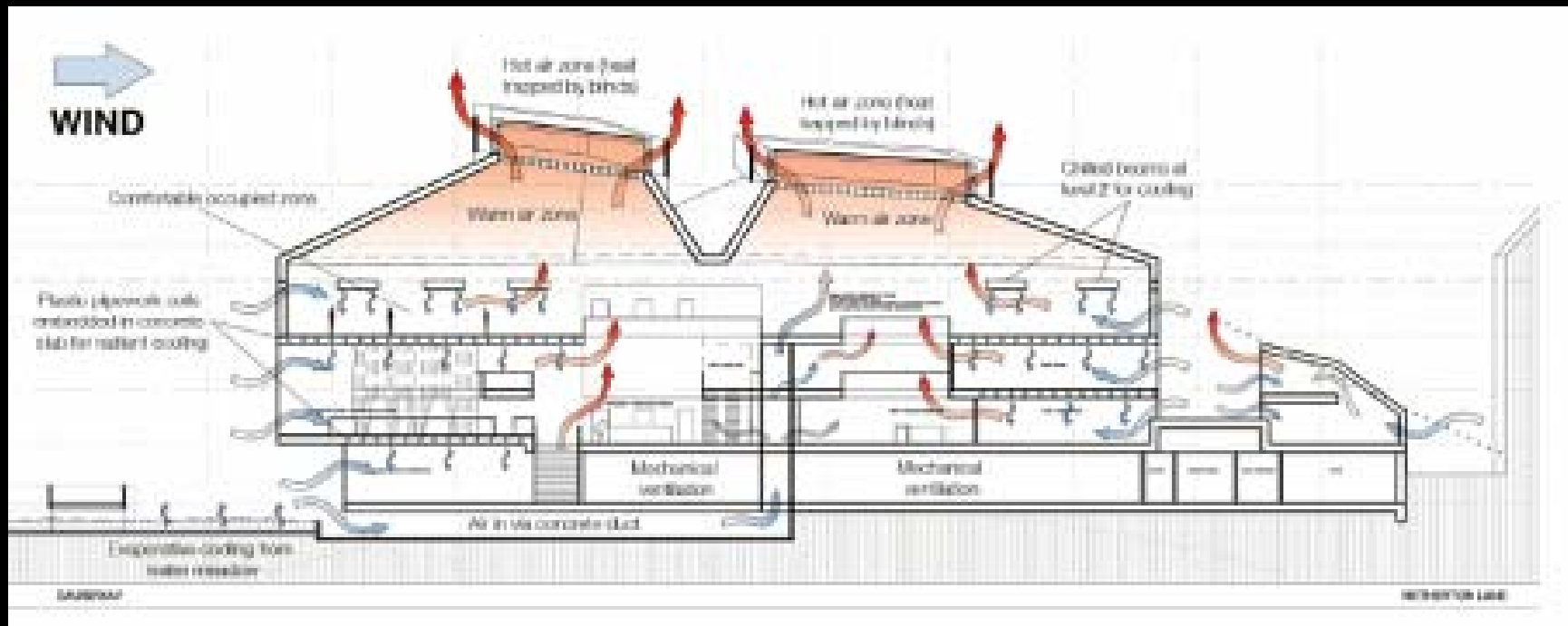
- Mains water consumption reduced from 5m³/person to 1.3m³/person

- Modelled against expected climate 2020 and 2050

The vision - Sustainability

- Naturally ventilated building (except archive)
- Thermal mass of building to mediate temperature fluctuations
- Cooling from prevailing winds passing over landscaping
- River water cooling
- 700kW Biomass boiler (locally sourced woodchips)
- 30% recycled content in construction
- Locally sourced materials where possible

The vision – sustainability

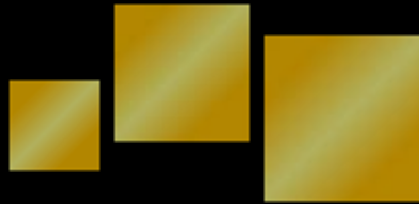


The vision – sustainability



- Indigenous planting
- Flood control: absorb and clean water
- Outdoor classroom
- Civic amenity
- Shade, cooling

- Awarded the Bentley Be Inspired Innovation in Generative Design
- Short listed for the Public-Private Finance Awards:
 - Best designed project
 - Best Local Government Team



thank you

Worcester library and history centre

J.Keene@worc.ac.uk

www.wlhc.org.uk