

Investing in steel for future generations



Steel for power, energy, process, airports, rail, education,
hospitals, commercial and high rise

Experts in complex refurbishment projects

Modular manufacturing to save time and money

bourne
STEEL

Bourne Steel

We have been designing and building steel structures since 1946.



Peacehaven Wastewater Treatment Works

Location: East Sussex

Peacehaven Wastewater Treatment Works was built to ensure 95m litres of wastewater generated each day from the surrounding area is treated to the highest standard, before being released into the English Channel. When built in 2011, the plant featured the largest green roof in the UK.

Farringdon Train Station

Location: London

Bourne Steel supplied and installed the steelwork to support the station's new integrated ticket hall. This was part of a wider project delivered by Bourne Construction Engineering, which won the Group the 2012 Construction News Steel Specialist Award.



This brochure highlights just a handful of the 4,000+ projects delivered during this time

Riverside Energy From Waste

Location: London

This is the UK's largest EFW plant, covering an area of 13,000m², with the roof rising to a height of 55 metres. As sections of the plant's processing equipment were too large to be installed after the building was complete, the construction and plant installation programmes had to be integrated. In total, Bourne supplied and erected 4,000 tonnes of steel at Riverside.



Specialist market sectors

- Power and energy (power stations, energy from waste facilities)
- High rise
- Refurbishment
- Water treatment
- Commercial
- Process
- Airports and rail/train stations
- Modular buildings
- Schools
- Hospitals



La Collette Energy From Waste (EfW)

Location: Jersey
(Channel Islands)

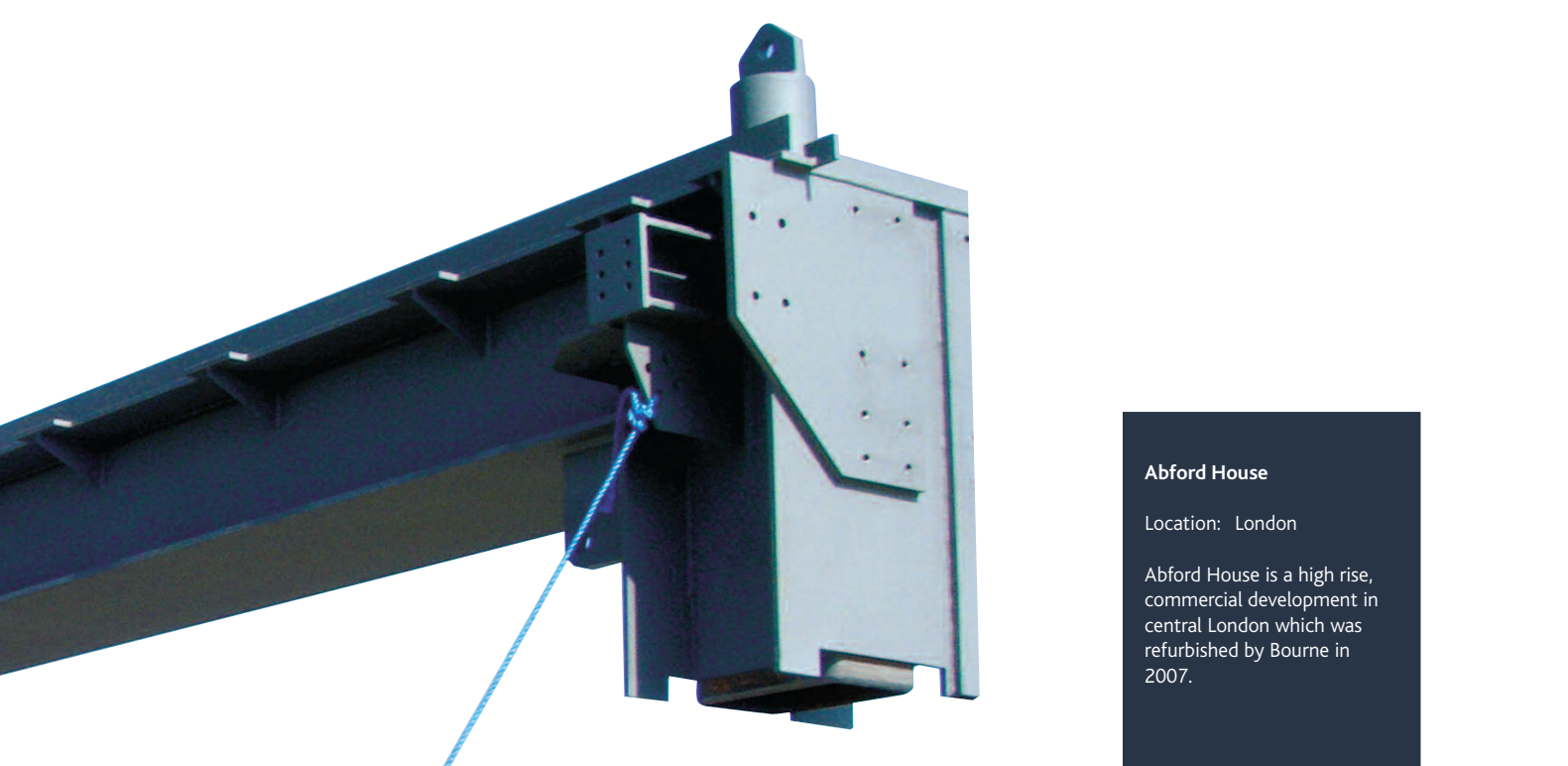
La Collette EfW was opened in 2011 and provides a reliable means of waste disposal for Jersey. The project was commended at the 2012 Structural Steel Design Awards.



Ardley Energy From Waste

Location: Oxfordshire

Almost 2,500 tonnes of steel were used to construct this EfW facility; the package included connection design, utilising our in-house engineering expertise.



Abford House

Location: London

Abford House is a high rise, commercial development in central London which was refurbished by Bourne in 2007.



Project Pride (Ministry of Defence)

Location: RAF Wyton

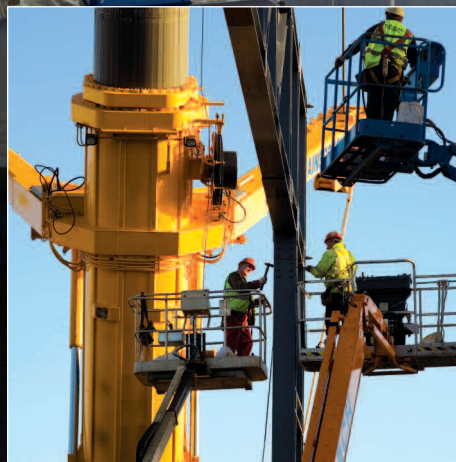
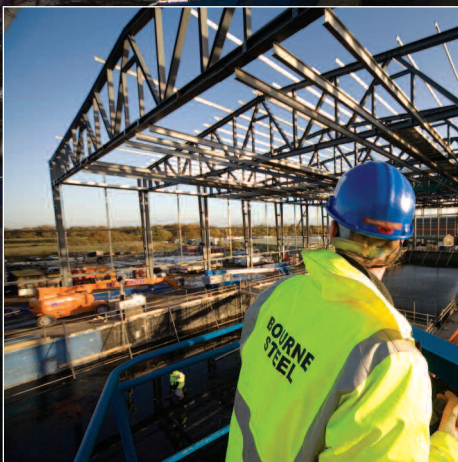
Bourne Steel was instructed to supply and erect the structural steelwork and metal decking to form a total of eight structures, including a technical building, three squadron blocks and all associated supporting buildings, recreational facilities and external areas. This project is one of many successfully completed for the Ministry of Defence.



Pinewood Studios

Location: Hertfordshire

In 2006, a fire destroyed the famous 007 stage and Bourne was presented with the challenge of re-building the set in time to film the next James Bond movie.

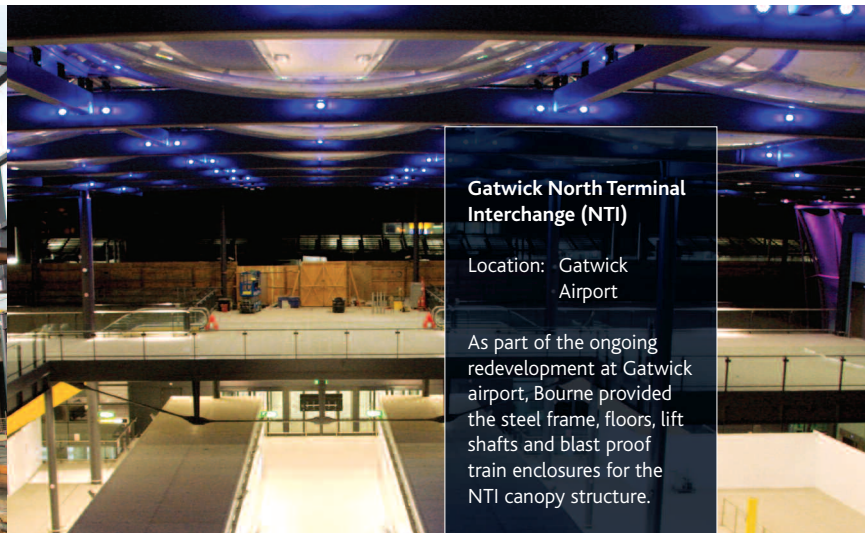




Becton & Crossness Wastewater Treatment Works

Location: London

The treatment centres are situated opposite each other on the north and south banks of the River Thames. Interestingly, both buildings have virtually no straight lines.



Gatwick North Terminal Interchange (NTI)

Location: Gatwick
Airport

As part of the ongoing redevelopment at Gatwick airport, Bourne provided the steel frame, floors, lift shafts and blast proof train enclosures for the NTI canopy structure.



Freston Road

Location: London

This is the eight floor headquarters for retail chain Monsoon Accessorize. The project used a highly complex roof system with exposed columns and trusses, resulting in an iconic building.

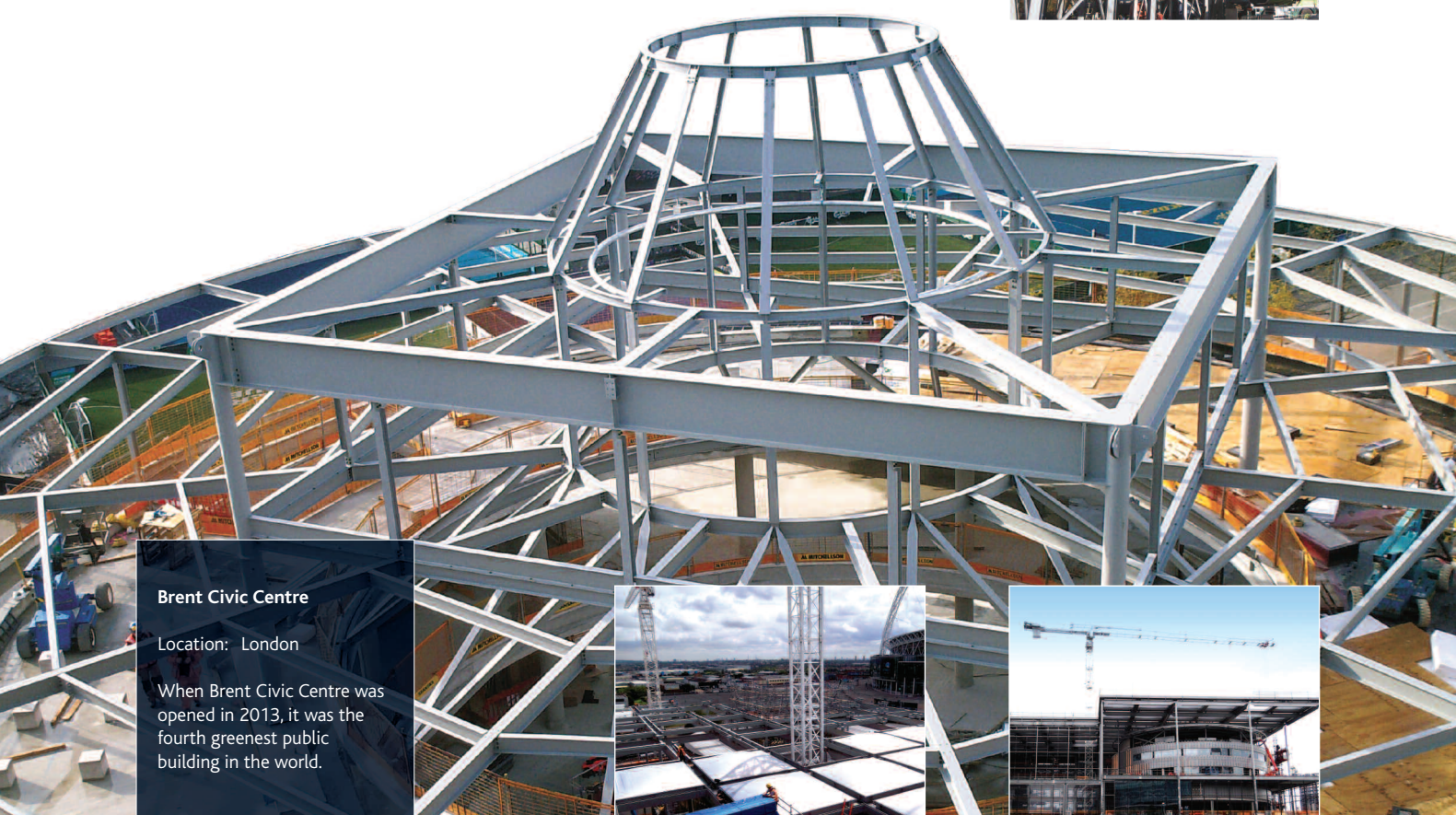




Exeter Energy From Waste

Location: Exeter

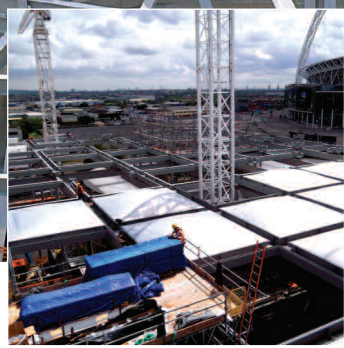
Bourne Steel was awarded the entire steel, cladding, door and window package for this project, with the crane beams meeting the BS EN 1090-2 Execution Class 3 Standard.



Brent Civic Centre

Location: London

When Brent Civic Centre was opened in 2013, it was the fourth greenest public building in the world.



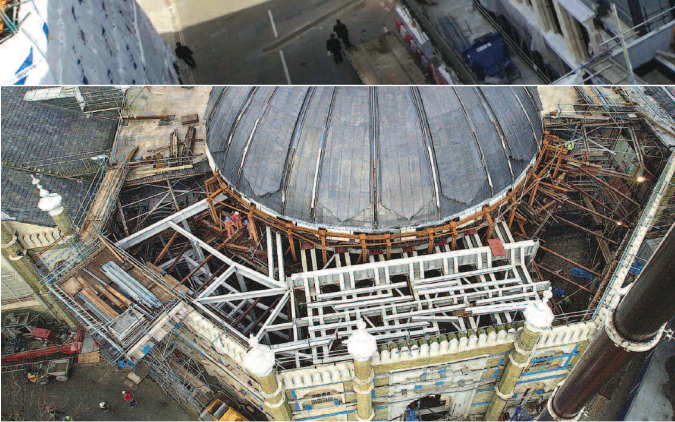
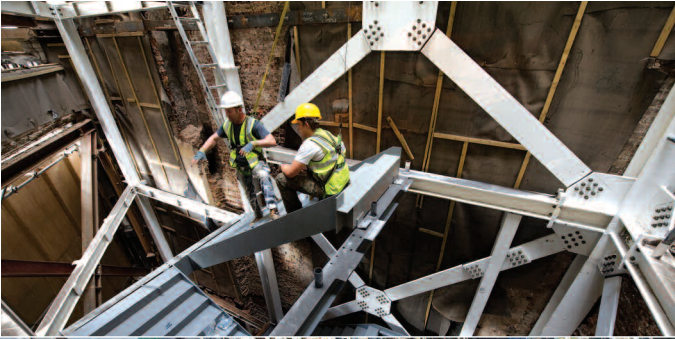
Reading Train Station

Location: Reading

Throughout 2012 and 2013, vital work was carried out to increase capacity and modernise Reading station, one of the busiest parts of the UK rail network. Bourne Construction Engineering constructed the new station buildings and platforms.



Refurbishment



We have delivered a number of complex, award-winning refurbishment projects, including:

- Imperial War Museum
- Gracechurch Street, London
- Gresham Street, London
- Fleetway House, London
- Brighton Dome



Castle House (Strata)

Location: London

Through the use of structural steelwork, we supplied and installed the steelwork enclosure for the three nine metre wind turbines, which crown the top of this iconic tower.



Globe Academy

Location: London

This education project included the construction of two structures, with the new school building covering three storeys.

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for future generations



The complete solution

- Steel frame designs
- Kit formats
- Metalwork
- Glazing
- Curtain walling
- Floors

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