

# JONES OF OSWESTRY

SPECIALIST DESIGNERS AND MANUFACTURERS OF HIGH QUALITY  
HIGH DURABILITY STEEL PRODUCTS USED IN THE CONSTRUCTION INDUSTRY

## Introducing Issue Nine of the Jones of Oswestry Mini Review

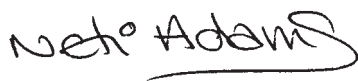
We are pleased to provide you with the ninth issue of the Jones of Oswestry mini review, together with a Freepost reply card that includes our successful "Where in the World?" competition. Last month's answer was "The National Centre For The Performing Arts, Beijing" designed by French architect, Paul Andreu. The winner of £200 worth of architectural books was Allister Lewis, of Portsmouth City Council Architects.

As designers and manufactures of fabricated steel products, we supply exactly what the specifier requires, and our experience enables us to design and manufacture ranges of innovative steel products to meet the most complex design criteria.

Jones of Oswestry are part of the Technogroup of companies. To learn more about the group's diverse product range please visit [www.technogroup.co.uk](http://www.technogroup.co.uk)

Would you prefer to receive our Mini Review by email, if so could you please provide us with your full email address within the green area on our freepost reply card or alternatively sign up by simply visiting [www.jonesofoswestry.com](http://www.jonesofoswestry.com), where you can also view back issues.

Yours sincerely



Neti Adams  
Marketing Services Co-ordinator

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Issue Nine

# R

MONTHLY MINI  
REVIEW



**JONES**  
OF OSWESTRY

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STEEL PRODUCTS FOR THE  
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# Classic Lintel Case Studies

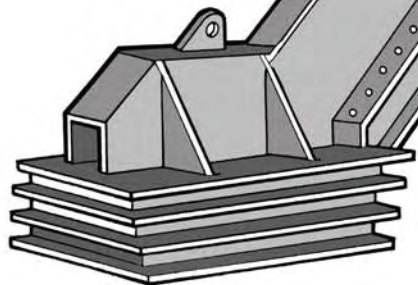
## Massive Modular Superlintel A-frame

The illustrated A-frame Superlintel measuring 12.214m overall and 4.598m high (Fig. 1) sits astride brick encased steel columns to form an imposing gable feature entrance.

While providing large span support for the triangular brickwork panel, technology gave the architects the option of a fully bricked soffit rather than unclad metal to further embellish an important gateway to the building.

The lintel not only carries a soldier course and full brick fixing carriage, but also supports corbelled brickwork detail. (Fig. 2)

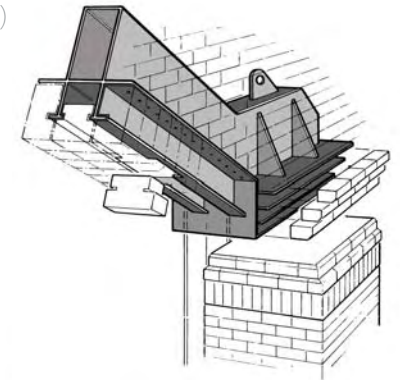
The assembly continues above the line of the required structural opening almost to an apex. While serving as a building line, this configuration of steel provides essential structural reinforcement and a facility for pinning back the lintel for total stability.



(Fig. 1)



(Fig. 2)



Lintel end detail showing corbelled feature 'skirt' which conceals bracketed end bearing at rear of B/wk pier.

This modular Superlintel was fabricated in three manageable units and spliced at convenient sections with HSFGB bolts, specified by the structural engineer. The splice detail comprises internal plates to the main box section of the lintel itself with captive nuts welded internally for a bolt connection. This effectively minimises movement around the joint because of the size, shape and structural significance of the lintel.

# LONDON GUILDHALL

Situated in the heart of the City of London, Guildhall is a magnificent medieval Grade 1 listed landmark.

An important powerhouse for centuries, today 800 years on, Guildhall is still the home of the City of London Corporation.

The venue acts as a grand setting for glittering banquets in honour of visiting heads of state and other dignitaries, royal occasions and receptions for major historical anniversaries.

In keeping with this majestic building; upgrade works to the surrounding public areas of the North Piazza and North Entrance have seen a number of Jones of Oswestry products specified.

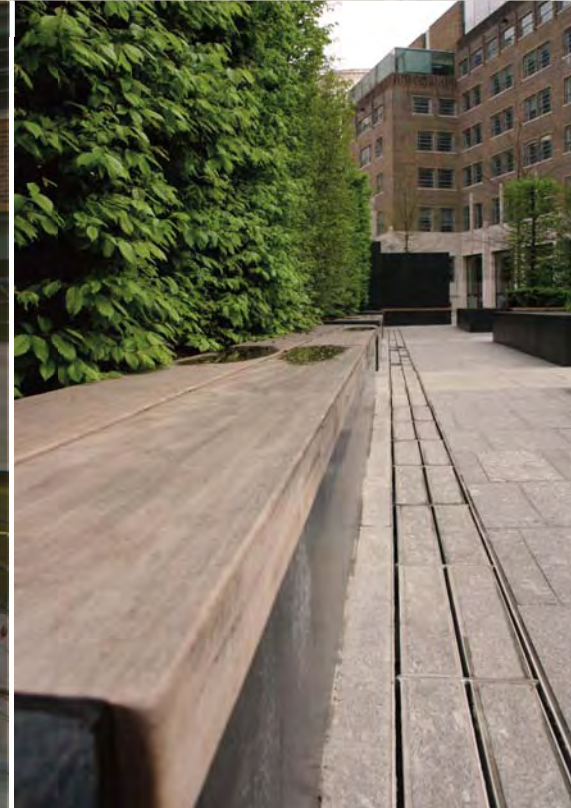
A range of Jones of Oswestry special Stainless Steel products were specified for this project, these included a number of recessed tree surrounds, comprising of a series of multi-leaf Suprablocs with an integral support system, Suprabloc access covers; and Aquaslot recessed continuous drainage. Stonework and landscaping contractor Szerelmey had used Jones products before and was impressed with the quality, an essential factor in this scheme – not only because of its surroundings but also given the project challenges.

With three different levels to cover and minimal steps stipulated, products needed to work hard to give all visitors adequate access. Matching to previous phases was also essential and a mixture of York stone and Spanish granite was used to achieve a consistent overall aesthetic.

**Location:** Guildhall, London

**Contractors:** Szerelmey Ltd

**Landscape Architect:** EDCO Design





# Segmental arch

As specialists in traditional and contemporary living and working environments, Blake Space Systems knew exactly what they wanted when it came to designing their own studio in Weybridge, Surrey.

Regularly working with architects and skilled craftsmen on projects in London and the South East as well as their own developments, the company has built up a reputation for high quality, structurally interesting new builds and refurbishments.

Bespoke features are a key element of their work, no matter where this happens to be in the building. So it is no surprise that even the archways to car parking spaces at their offices were carefully considered.

Two large segmented cavity wall Superlintels spanning 5155mm with a 150mm rise from Jones of Oswestry were used within the construction creating plenty of space within the covered garage area.

Richard Blake from Blake Space Systems says:

“ Our own offices are an important showcase for the level of design and quality we offer clients. What really makes a project stand out are its unique details and the craftsmanship. We look forward to future projects where we can rely upon Jones of Oswestry to meet our exacting requirements. ”



# Glasgow Landmark

The redevelopment of the Merchant City area of Glasgow and particularly the remodelling of the former Sheriff Court building is undoubtedly one of Glasgow's most successful and prestigious urban projects.

Encompassing space for the Scottish Youth Theatre as well as a number of stunning apartments, a great deal of care and attention was taken over the refurbishment of the Grade B listed building and its surroundings.

A comprehensive upgrade of the streetscape surrounding the project also took place including the reconstruction of roads and footpaths with granite paving materials utilised to provide a high quality and aesthetically pleasing finish.

Integral to the overall street scheme was the inclusion of feature trees with Jones of Oswestry's Arborslot tree surrounds specified. Ideal for city centre locations Arborslot provides superior protection for the tree while the recessed design makes pavior infill simple while fulfilling DDA requirements.

**Location:** Sheriff Court, Glasgow

**Contractors:** R J McCleod Ltd

**JONES**  
OF OSWESTRY

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# WHERE IN THE WORLD? COMPETITION



Identify this building to claim £200 worth of architectural books?

Answer:

Send your answer together with your name and contact details by freepost, fax on 01691 658222 or email to [competition@jonesofswestry.com](mailto:competition@jonesofswestry.com) before **Friday 2nd October**.

Winner will be published in the next issue of the Mini Review and on our website : [www.jonesofswestry.com](http://www.jonesofswestry.com)

Our previous winner was **Allister Lewis** of Portsmouth City Council Architects. Who correctly identified the building as:  
**THE NATIONAL CENTRE FOR THE PERFORMING ARTS, FORMERLY KNOWN AS THE NATIONAL GRAND THEATRE OF CHINA, BEIJING**

## CPD ARCHITECTURAL SEMINARS



To reserve your free technical seminar please complete this card and return to us by freepost or alternatively email our technical seminar co-ordinator [neti.adams@jonesofswestry.com](mailto:neti.adams@jonesofswestry.com)

## SUPERINTEL

Our Superintels are available in any bespoke section and can be manufactured to any shape, arched, stepped, corner or curved on plan profiles. In addition to the A5 size 250 plus page specifying manual an interactive specifying disc is also available.



## HARD LANDSCAPING

Our A5 size Hard Landscaping manual has full specifying data on our core ranges of access products for block pavior infill, plus 'SUDS' system to achieve a rapid drain-off of storm water.



### HAVE WE GOT YOUR DETAILS CORRECT?

To enable us to keep you fully updated we need to ensure our database is correctly maintained, to this end may we request your assistance in completing this reply card.

#### YOUR CONTACT DETAILS

Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Email: \_\_\_\_\_

Telephone: \_\_\_\_\_

#### YOUR COLLEAGUE'S DETAILS

Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Business Address: \_\_\_\_\_

Email: \_\_\_\_\_

Telephone: \_\_\_\_\_

**GREENER** Would you prefer to receive the Mini Review electronically, if so, please provide your full email address.

\_\_\_\_\_

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- CPD TECHNICAL SEMINAR  HARD LANDSCAPING MANUAL  
 SUPERINTEL MANUAL  50 YEAR HISTORY