

## Rootbox with Irrigation System Installation

### TOTAL CARE CODE

Use our wealth of practical experience to provide a Total Service. As illustrated in Review issue 3 the Rootbox System restricts the spread of the tree's roots preventing potential damage to underground services and building foundations.

We illustrate *left* one of our experienced fitting teams - one of the many employed directly by us, to fit our products across the country. After we have completed an initial site survey we design, manufacture, in-house galvanise and install. It is our aim to supply exactly what the customer requires, or assist in finding effective solutions to Streetscape problems.

### INSTALLATION SEQUENCE

1. Checking area for buried services and obstructions (after initial site survey).
2. Making good excavated area with new infill.
3. Rootbox unit in correct level position.
4. Surrounding area made good awaiting flag stones and tree.
5. Protective membrane, tree and correctly mixed soil being installed.
6. Integral irrigation system around rootball being covered with soil.
7. Finally block infill, soil and both cover halves in position.



1.



2.



3.



4.



5.

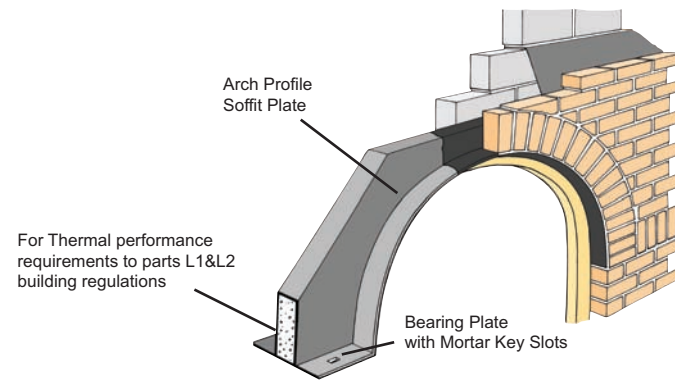


6.



7.





## New Severn Hospice Buildings Deliver For The Community

It's a true testament to the generosity of the public that within three years of launching a public appeal to raise funds for new hospice buildings in Telford, that not only had the sum required been surpassed, but the construction had been completed, on time, on budget and the keys handed over.

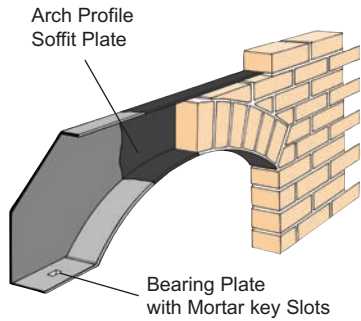
Severn Hospice cares for those with progressive illnesses across a broad age range and since opening its doors in 1989 has cared for over 12,000 patients with over 1000 new referrals each year. The new Telford hospice means that people living there and the surrounding area no longer have to travel to Shrewsbury for hospice care and with a catchment area of approximately 162,000 people the new building has been full since day one, delivering significant benefits for the local community.

Architects Gould Singleton specified building materials from local companies where possible and these included a number of lintels from Jones of Oswestry. Most notable amongst these is the bullseye arched lintel used to create the large circular window which leads out from the lounge area to the gardens.



**Location:** The Severn Hospice, Telford.

**Contractors:** Carillion Plc, Kier group Plc.



## Bespoke Products For Historic Scheme With Morbury Homes

The redevelopment of Shrewsbury's old Guildhall by Morbury Homes has created one of the town's most prestigious and sought after housing developments. With a small number of high specification apartments and town houses created over three phases.

Given the historic nature of the area and the fact that new-build elements would need to marry seamlessly with existing buildings, both the architecture and building materials were carefully considered. Wherever possible, every original feature was repaired and restored to bring these previously neglected buildings back to their former glory.

The developer is no stranger to products from Jones of Oswestry having opted for their range of bespoke lintels on other projects. In this case, segmented arched lintels were used above windows in new build sections, giving them their distinct period character.



**Location:** High Street, Shrewsbury

**Contractors:** Morbury Homes

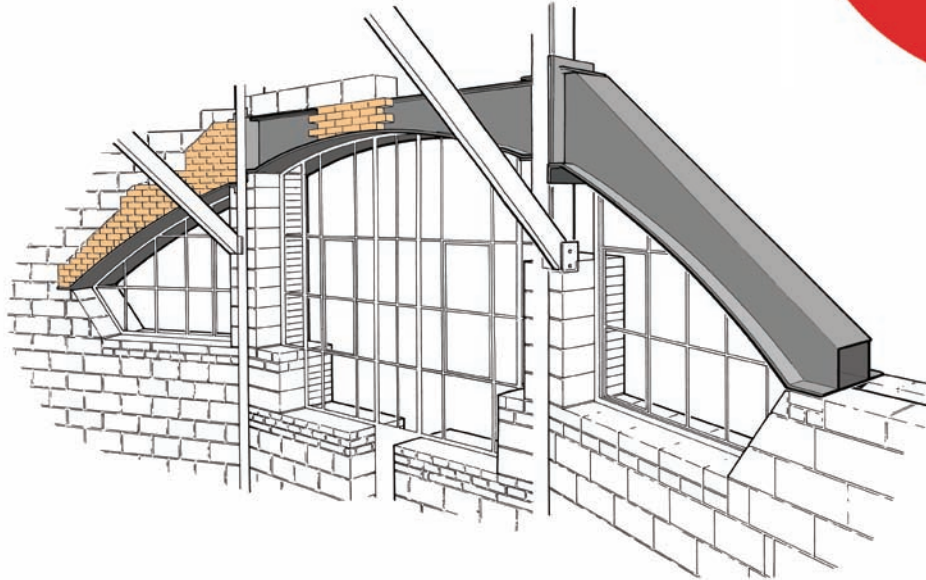
Due to the large interest at Interbuild 2008 by popular demand we are running these feature Superintel Projects

interbuild  
26th - 30th October 08

Our bespoke Superlintels have been used to overcome design problems, and have helped create some striking architectural features

**Description:** Three part Modular 'Superintel' comprising a 4580mm long arched central section and two 2639mm sloping end sections to effect a 10 degree angle on plan.

**Location:** Refurbishment of a Victorian warehouse in Bristol.



The reconstruction of old buildings often demands special structural solutions, particularly if the architect wants to combine original features with contemporary styling. The refurbishment of this Victorian warehouse in Bristol is a prime example.

The main feature of this particular building is the large arched window. Spanning through two vertical columns and following the original angled gable on plan, this 10m glazed span presented a complex equation of loading, span and profile shape.

The composite steelwork solution submitted to our designers for assessment incorporated a 203 x 203 curved UC section acting as a beam with bolted brackets picking up a separate 150 x 90 curved RSA to support the outer skin of brickwork.

The 3-part 'Superintel' comprises a 4580mm long central section with a 300mm arch rise, and two 2639mm sloping end section with a 107mm rise and splayed endplates to effect a 10 degree angle on plan. To allow connection to the vertical steel columns with angled cleats and seating brackets, the lower lintel flange resumes a horizontal profile thereby disrupting the line of the arch, with the benefit of AutoCad, we compensated for this by extending the endplates and reducing the rise of the two end lintels to restore the line of the central arch.

**Description:** Straight & curved-on-plan arched 'Superlintels' supporting 1st & 2nd floor outer leaf brickwork over full height ground floor feature windows.

**Location:** Refurbishment of Grade II Listed premises of Cheltenham & Gloucester Building Society at Evesham.

