

IMS-P: 7.4.9  
Issue: 1  
Date: 01/06/2016



S I G N A T U R E P R O J E C T S



BS EN 1090-1

All IG Masonry Support products comply with this regulation and feature the CE Mark.



British Standards Institution ISO 9001



Investors in People Accreditation



BBA Certification for Brick Slip Lintels.



British Standards Institution ISO 14001



Home Builders Federation



Construction News Commercial Innovation of the Year.



Builders Merchants Federation



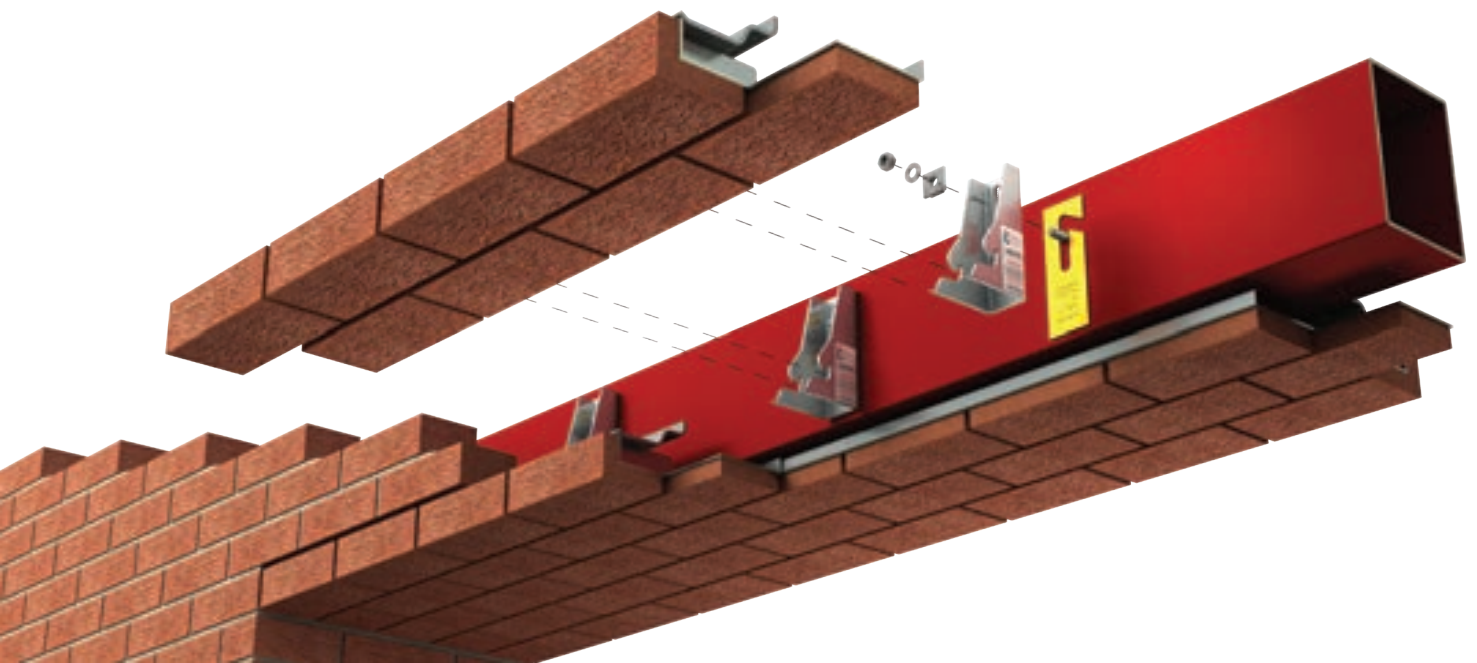
National House Building Council

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# IG Service

IG brings you service from three locations across the UK and Ireland, with a Sales and Technical Team dedicated to your area.

## TECHNICAL SUPPORT

IG provides comprehensive, technical support for all our masonry support products. Our free scheduling and specification service offers fast turnaround on masonry support and windpost systems. Our experienced team of over 40 structural and civil engineers offer a free design service and onsite support offering a range of off the shelf and bespoke solutions.

By contacting our engineers at an early stage of your design process, you will potentially gain significantly more design flexibility for the overall project. Ask for an IG Engineer to visit your site or office. We relish the opportunity to liaise with industry professionals on building projects, regardless of size.



## DELIVERY

IG's fast, efficient delivery service is renowned throughout the construction industry. Our logistics solution is recognised by our customers for superior supply chain management. Products are delivered direct to site, specific to your site requirements.



## SERVICE

From your first contact with IG you will know you are dealing with people who care about you and your business. IG staff are responsive, proficient, knowledgeable and receptive to any urgent requirements you may have. IG utilise the ultimate in Enterprise

Resource Planning software to track every step in your IG experience; from technical enquiries, scheduling and orders, through to manufacturing and delivery. This system ensures that our sales office can fully track the status of your order.



# Product Specification

## IG TITAN Masonry Support

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**TITAN 8,10,12,14**  
(unfactored loadings).

**Material**

Austenitic Stainless Steel Grade 304.

**Size**

To suit cavity widths ranging from 70-150mm (fine adjustment available).

**Fixings**

Refer to Technical Dept for details. Systems are suitable for fixing back to concrete and steel. Nylon shim supplied as standard, position between the back of the bracket and the sub-structure.

## IG WMS Masonry Support

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**WMS Systems**  
Reduced cavity widths and site specific requirements.

**Material**

Austenitic Stainless Steel Grade 304.

**Size**

Tailored to the needs of the project.

**Fixings**

Refer to Technical Dept for details. Systems are suitable for fixing back to concrete and steel. Nylon shim supplied as standard, position between the back of the bracket and the sub-structure.

## IG Brick Slip Masonry Support

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**BSMS**  
Various bond patterns available.

**Material**

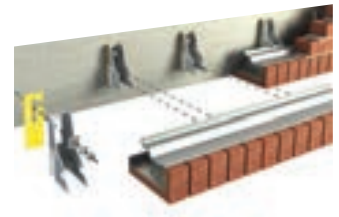
Austenitic Stainless Steel Grade 304. BBA approved adhesive and Brick Slips (consignment of brick collected from site). Steel is perforated to form a mechanical lock with the adhesive.

**Size**

Tailored to the needs of the project.

**Fixings**

Refer to Technical Dept for details. Systems are suitable for fixing back to concrete and steel. Nylon shim supplied as standard, position between the back of the bracket and the sub-structure.



## IG Brick Slip Lintels

**Standard**

BS EN 845-2:2013

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**BSL**  
(Standard Loadings),  
**HDBSL**  
(Heavy Duty Loadings),  
**XHDBSL**  
(Extra heavy Duty Loadings).

**Material**

Austenitic Stainless Steel Grade 304. BBA Approved Adhesive and Brick Slips (consignment of brick collected from site). Steel is perforated to form a mechanical lock with the adhesive.

**Size**

Tailored to the needs of the project.

**Fixings**

Not Required.

## IG Brick Slip Soffit Panels

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**BSSP**  
(Brick Slip Soffit Panels).  
Various bond patterns available.

**Material**

9mm Magnesium Board, BBA Approved Adhesive and Brick Slips (consignment of brick collected from site).

**Size**

Tailored to the needs of the project.

**Fixings**

Refer to Technical Dept for details. Screw fixed to sub-structure, designed by others.

## IG Brick On Soffit System Range

**Manufacturer**

IG Masonry Support Systems Ltd.

**Product Reference**

**Brick On Soffit System**  
Various bond patterns available.

**Material**

Austenitic Stainless Steel Grade 304. BBA approved adhesive and Brick Slips (consignment of brick collected from site). Steel is perforated to form mechanical lock with the adhesive.

**Size**

Tailored to the needs of the project.

**Fixings**

Refer to Technical Dept for details. Systems are bolted to pre-installed masonry support shelf. Nylon shims supplied as standard, positioned horizontally between the masonry support shelf and the Brick On Soffit System Unit.



## IG Windposts

**Product Reference:**

U1...U9/ LP1...LP12/ DU3...DU9

**Material:**

**Austenitic Stainless Steel Grade 304.**

**Installation:**

Windposts to be bolted to ground and intermediate floor structures. Windpost spacing determined by IG Engineer. LP Windpost to be built into blockwork. DU and U windposts to be placed in cavity.



# MASONRY SUPPORT RANGE

## MASONRY SUPPORT SHELF SYSTEMS

### TITAN SYSTEM

Component shelf system



IG's Titan System is designed to meet with the industry's demand for speed of construction. All configurations are available ex-stock, meeting the builder's needs.

This system offers a range of bracket sizes to accommodate various cavity widths. IG Titan is a fully adjustable system accommodating loads up to 14 kN/m.

#### MATERIAL

**Stainless Steel shelf system and brackets Grade 304 (European grade 1.4307 & 1.4301)**

- Available ex-stock
- Easy to specify
- Front loading for ease of installation
- Onsite adjustability
- Speed of installation

#### LOADING SPEC

Supports unfactored masonry loads up to 14kN per metre.

### WMS SYSTEM

Welded shelf system



A rigid Masonry Support System manufactured bespoke to accommodate projects with very specific requirements; eg. reduced cavity widths or increased loading.

IG's Welded Shelf Systems are fabricated to engineer specifications and design assistance can be provided by the IG Technical Team.

#### MATERIAL

**Stainless Steel Shelf System and brackets Grade 304 (European grade 1.4307 & 1.4301)**

- Extra strength to support extreme loads
- Can be supplied in a variety of configurations
- Onsite adjustability
- Ease of installation

#### LOADING SPEC

Supports unfactored masonry loads up to and exceeding 14kN per metre.

## BRICK SLIP SYSTEMS WITH MASONRY SUPPORT

**BRICK SLIP MASONRY SUPPORT**  
Large span openings



IG's Brick Slip Masonry Support Systems are one-piece prefabricated units manufactured offsite and delivered to site complete with bricks bonded to them. This system offers a major reduction in onsite labour and installation time. All solutions are customised to your requirements.

IG's bespoke components use our patented adhesion system and are delivered to site as a complete unit ready for installation.

#### MATERIAL

**Stainless Steel, Grade 304 (European grade 1.4307 & 1.4301) BBA approved adhesive & 25mm brick slip**

- Time saving onsite
- Light weight for fast build programmes
- Customised to your requirements
- Reduced labour – no brick fixings required onsite

#### LOADING SPEC

Supports unfactored masonry loads up to and exceeding 14kN per metre.

## BRICK SLIP SYSTEMS WITH MASONRY SUPPORT

### BRICK ON SOFFIT SYSTEM Brick Slip Bolt Up System



IG's Brick On Soffit System range provides a lighter alternative to concrete, which is faster to install than traditional hanging brick systems.

Installed to a pre-fitted masonry support system, the Brick On Soffit System allows increased adjustability along three axis. Produced offsite, the Brick On Soffit System offers a quicker, lighter, easier and more cost efficient option.

#### MATERIAL

**Stainless Steel, Grade 304  
(European grade 1.4307 & 1.4301)  
BBA approved & 25mm brick slip**

- Simplicity of installation
- No brick cutting required onsite
- Support steelwork is completely hidden
- Adjustability in all planes

#### LOADING SPEC

Masonry shelf above supports imposed loads.

### BRICK SLIP LINTELS Window and door openings



IG's BBA approved Brick Slip Lintels can be used over small openings, thus eliminating the need for additional masonry supports.

Supplied in stainless steel, IG's Brick Slip Lintels have the same profile as a standard lintel and are delivered to site as a one-piece unit complete with brick slips attached, eliminating the need for specialist installation onsite.

#### MATERIAL

**Stainless Steel, Grade 304  
(European grade 1.4307 & 1.4301)  
BBA approved adhesive & 25mm brick slip**

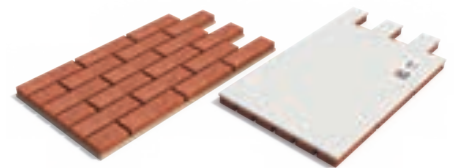
- Speed of installation – installed as a standard lintel
- Cost saving
- Available in stainless steel

#### LOADING SPEC

Supports loads over small scale openings – contact our technical team for design requirements.

## BRICK SLIP PANELS

### BRICK SLIP SOFFIT PANELS Deep soffit areas



IG's Brick Slip Soffit Panels provide a lightweight pre-fabricated brick slip cladding system; which achieves deep soffits that blend seamlessly with already constructed brickwork onsite.

Produced offsite, this innovative system enables masonry soffits to be assembled with speed and efficiency without the need for specialist installation.

#### MATERIAL

**9mm magnesium board,  
BBA approved adhesive & 25mm brick slip**

- Achieve deep brick soffit detail
- Fast and easy installation
- Lightweight
- No shuttering required
- Reduced labour – no brick fixing required onsite
- Blends seamlessly with already constructed brickwork
- Various bond patterns can be achieved

## FLAT GAUGE LINTELS & SEGMENTAL ARCH

Shrewsbury School, Hodgson Hall

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**CIVIC DEVELOPMENT**

Shrewsbury School, Hodgson hall

**PRODUCTS USED**

Flat Gauge Lintels & Segmental Arch

**ARCHITECT**

Adrian James Architects

**CONTRACTOR**

Paveways

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Shrewsbury School is considered one of England's leading independent schools. Hodgson Hall is the latest addition to the teaching facilities at the school, designed to fit seamlessly amongst the historic campus surroundings of the Kingsland Conservation Area.

“ IG were instrumental in achieving both the curved and splayed brickwork arches which were essential to form the principle elevations of the new humanities building at Shrewsbury School. The soaring curved arch over the main entrance is particularly striking and with only 10mm tolerance to boot! What an achievement. ”

Mike Marshall,  
Adrian James Architects







# The Challenge

The client required IG Masonry Support to provide several customised brick clad lintel solutions for the project at Shrewsbury School. This involved forming an elegant 12.3m clear span feature brick segmental arch with a face height of 552mm and a 777mm soffit.

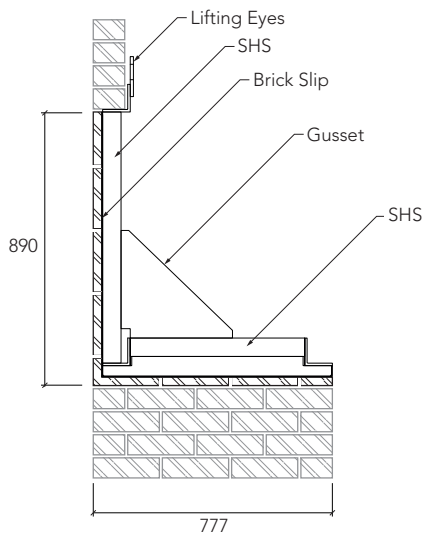
In addition, the client also required a flat gauge brick slip solution for the upper level of the build spanning 4.5m, with a face height of 890mm and a soffit of 777mm.

# The Solution

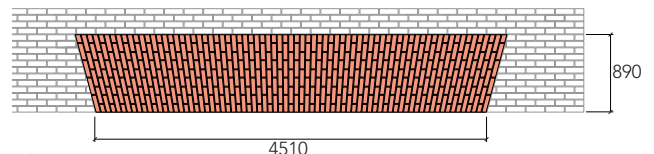
IG's engineers designed and manufactured a bespoke steel solution for the 12m segmental arch. The size of the installation determined that the arch would be manufactured in three separate components. The sections were fixed to stub posts on the steel frame of the building also designed and supplied by IG.

The unique Brick Slip Systems were produced offsite in partnership with Fab-Lite Building Solutions Ltd, dramatically reducing the installation time by up to 90%. The bricks selected ensured the advanced Brick Slip solutions provided architectural consistent features, generating reference to the Edwardian surroundings.

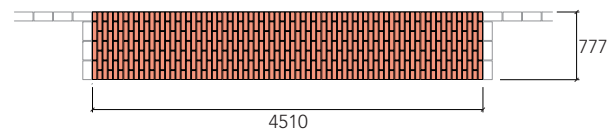
## FLAT GAUGED LINTEL



Section view



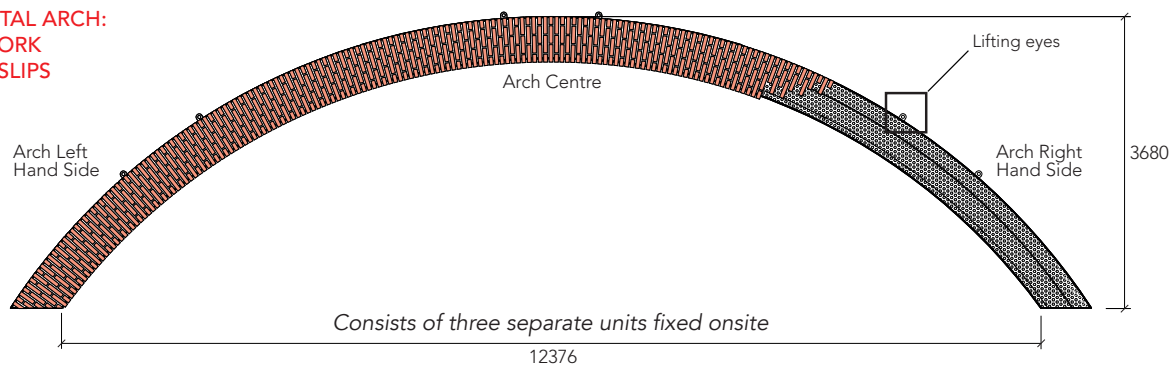
Elevation



Soffit view



## SEGMENTAL ARCH: STEEL WORK & BRICK SLIPS



Elevation



## BRICK SLIP COLUMNS CILLS & LINTELS

Artillery Row, London

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### RESIDENTIAL DEVELOPMENT

Artillery Row, London

### PRODUCTS USED

Brick Slip Columns, Brick Slip Cills &  
Brick Slip Lintels

### ARCHITECT

Make Architects

### CONTRACTOR

8Build

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Comprising of 22 luxury apartments, Eight Artillery Row by LBS Properties & 8Build is a building of architectural prowess. Located near Buckingham Palace and Westminster Cathedral, the building compliments it's historical surroundings with prestige.

“IG identified the need for lightweight brick slip steel columns, lintels and cills for this Art deco refurb. The end result demonstrates a resounding level of craftsmanship and quality, creating exceptional detail to the balcony areas-a great partnership.”

Mark Richards, Managing Director  
LiteSpeed Construction Systems Ltd





# The Challenge

The project required the design and installation of 96 slender brick columns built along the recessed balconies. The architectural designs originally detailed the 215mm wide by 400mm deep columns in concrete, however this would not provide the required structural stability.

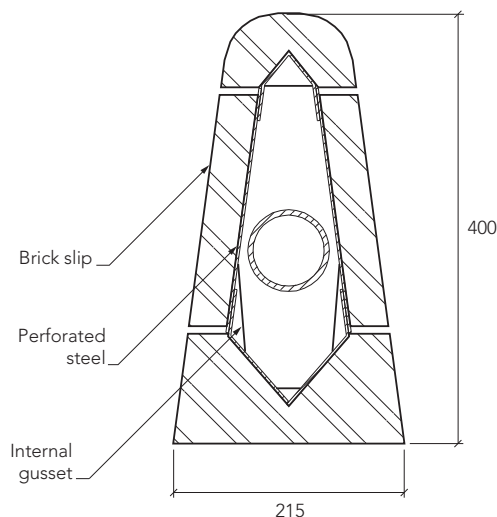
IG Masonry Support identified a steel support solution while remaining true to the aesthetics of the building. IG were also responsible for the manufacture of brick slip lintels and cills above and below the columns.

# The Solution

IG Masonry Support designed a steel solution with a central post that utilised their patented punched steel, formed to shape around each column, providing a suitable surface for bricks to be bonded.

The bespoke handmade bricks, sourced from a factory in Leicester, captured a timeless essence that reflected the building's surroundings. The pattern of the brickwork, the mortar joints and every aspect of the installation process were carefully considered.

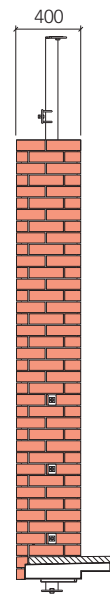
The brick columns were manufactured offsite in partnership with LiteSpeed Construction Systems within a strict quality controlled environment. The contractor could then request the units and install with bolts top and bottom. The end result is stunning.



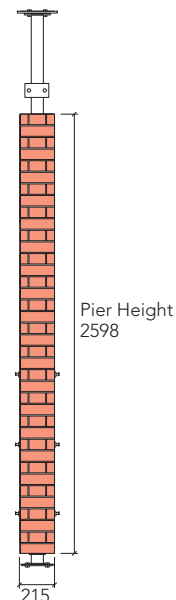
Section view

## IG Brick Slip Solution

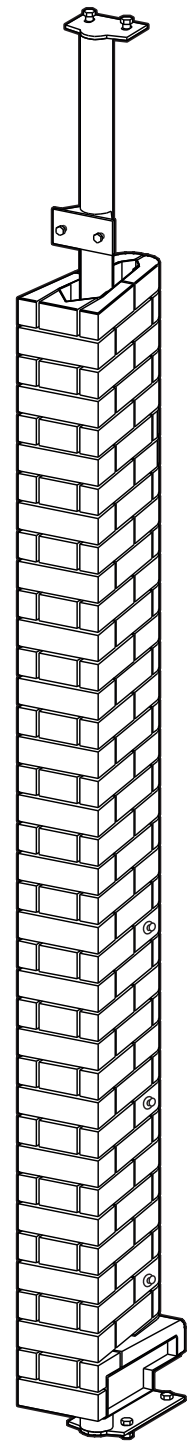
IG's bespoke columns use our patented adhesion system and are delivered to site as a complete unit ready for installation and final pointing.



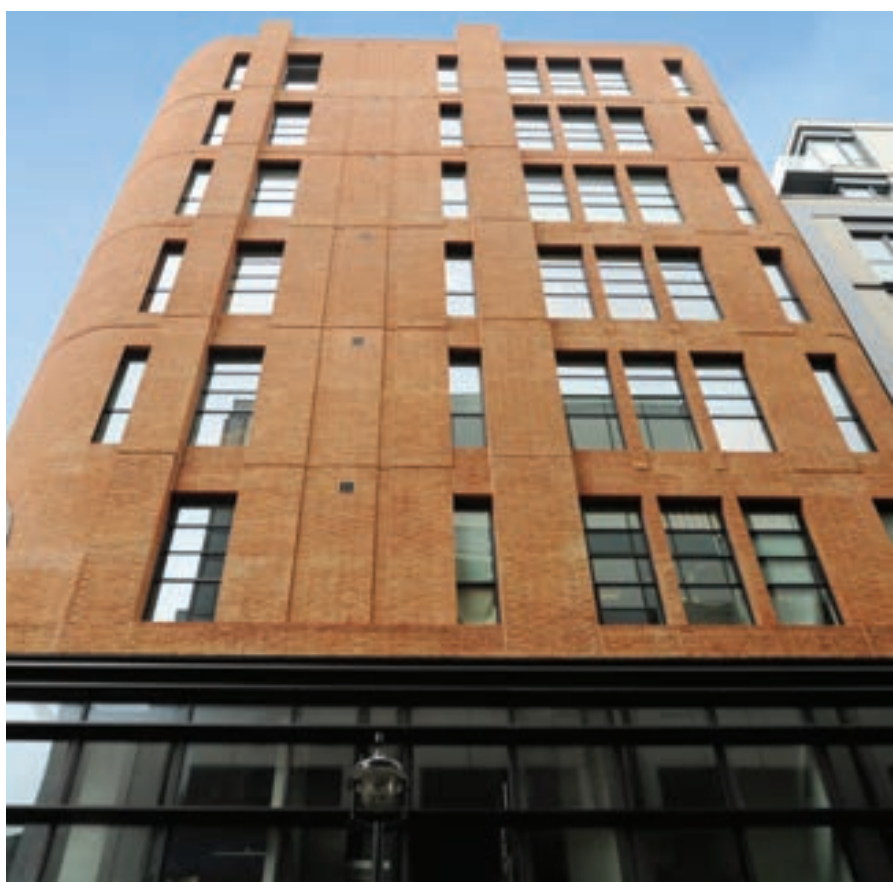
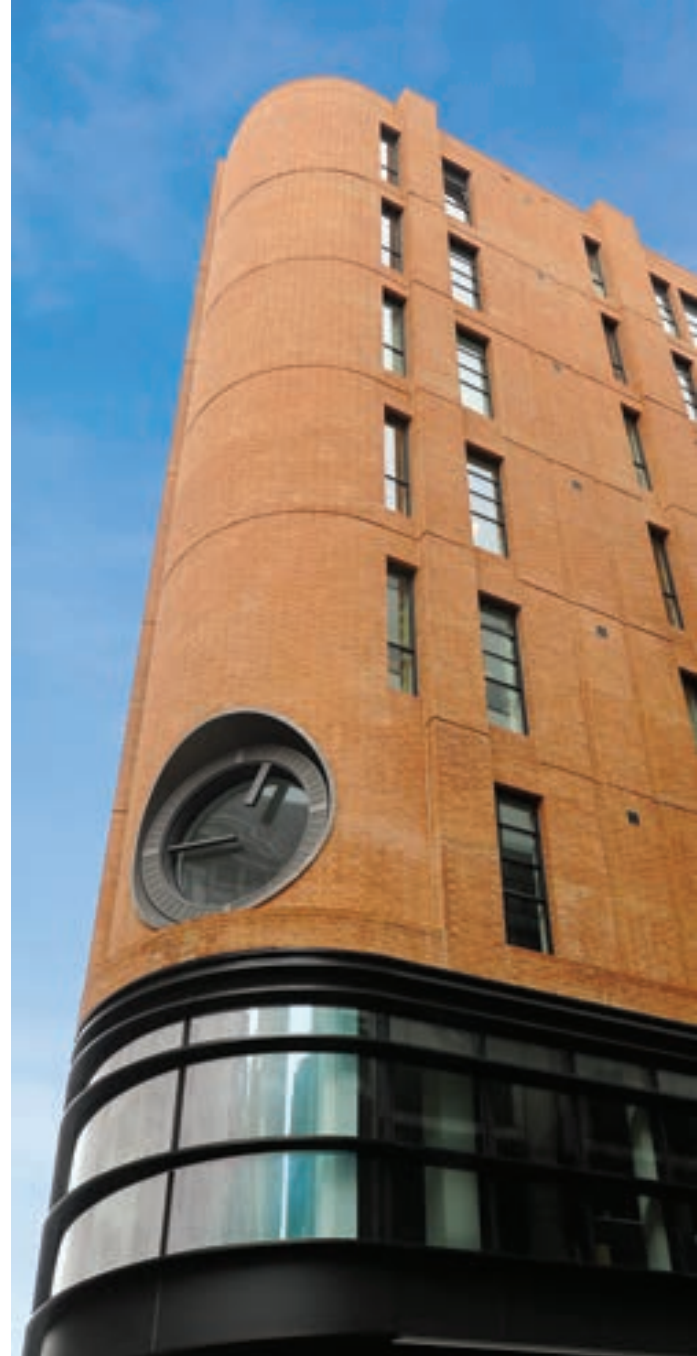
Side view



Elevation



3D view



## BRICK SLIP MASONRY SUPPORT & BRICK SLIP LINTELS

North London

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**PRIVATE DWELLING**

North London

**PRODUCTS USED**

Brick Slip Masonry Support & Brick Slip Lintels

**ARCHITECT**

PKS Architects

**CONTRACTOR**

Relicpride

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Relicpride is a privately owned company in Hertfordshire specialising in prestige high specification residential homes.

Relicpride's experience and expertise has resulted in this luxurious new build property, demonstrating the calibre of modern high specification houses.



“Every detail on this project needed to be impeccable; that's why we engaged with IG for their brick soffit solution.”

Eamon Coyle, Director  
Relicpride Building Company Ltd







# The Challenge

This North London project required exposed brick soffit detail with spans of 21m and external corners - Relicpride turned to IG Masonry Support Systems for a solution.

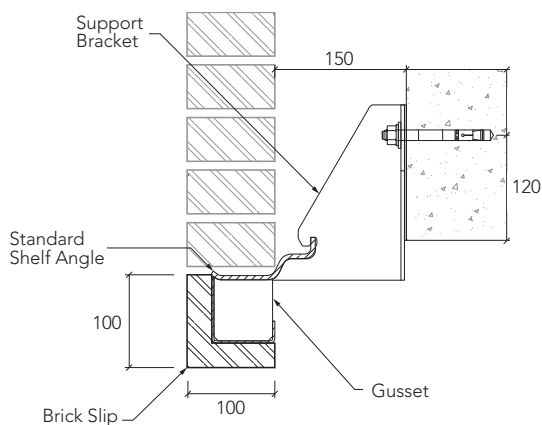
# The Solution

Relicpride required a bespoke brick soffit solution engineered to fine tolerances. The result was an offsite solution by IG with consistent quality throughout all components. IG supplied 890mm long stainless steel units with bricks already bonded to them, suitable for a one-man installation.

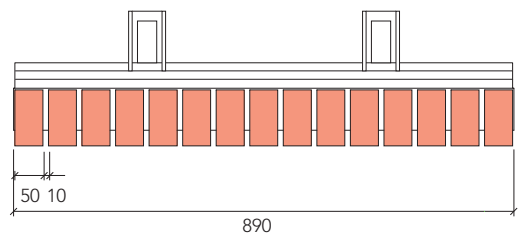
The lower ground floor featured a Hernin (dark) brick whereas the ground floor featured a Hoskin Bento (light) brick type. Both bricks were non-standard sizes.

IG's solution was implemented across all floors ensuring a visible 100mm brick soffit over every opening. In many cases the brick soffit detail returned around external corners which involved forming an elegant corner soffit pattern using a fabricated brick faced on 3 sides.

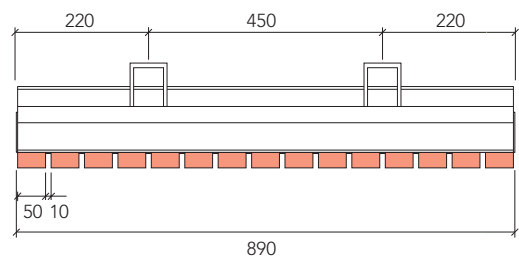
These bespoke solutions were produced offsite and delivered direct, specific to site requirements.



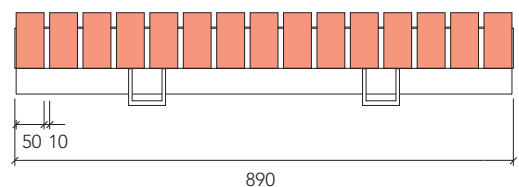
Section view



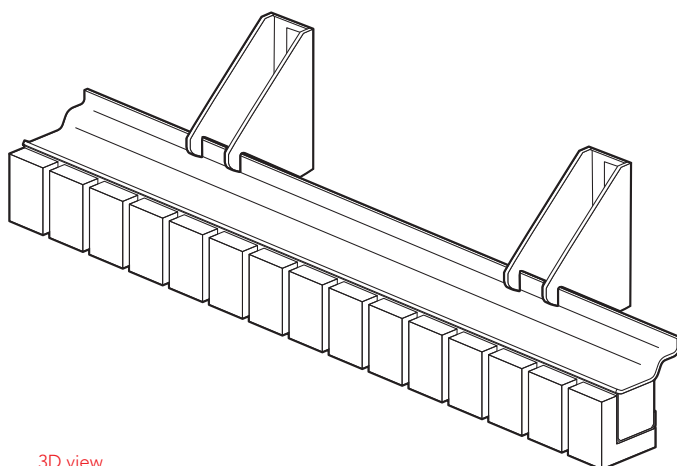
Elevation



Plan view



Soffit view



3D view



## BRICK SLIP MASONRY SUPPORT & BRICK SLIP LINTELS

Laurieston, Glasgow

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### RESIDENTIAL DEVELOPMENT

Laurieston, Glasgow

### PRODUCTS USED

Brick Slip Masonry Support & Brick Slip Lintels

### ARCHITECT

Elder Cannon/Page Park

### CONTRACTOR

McTaggart Construction

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The Laurieston development provided a significant opportunity for transformation, regenerating part of central Glasgow.

The £22 million first phase development enriched the typical residential block concept, incorporating more compelling character.

“The technical expertise offered by IG has been second to none and allowed us to find a bespoke product which is lightweight and can be installed just as a traditional masonry support system.”

Colin Stephen,  
McTaggart Construction





# The Challenge

The Laurieston project exhibits a refreshing, contemporary alternative to the standard design of residential blocks. The elegant courtyards and the exchange of typical bay windows for beautiful long spanning balconies are all contributors towards the award winning qualities of this regeneration project.

McTaggart Construction approached IG's specialist team for the provision of a Brick Slip Masonry Support solution. The technical challenges involved 327mm deep brick soffits spanning over 8m as required for the recessed balconies.

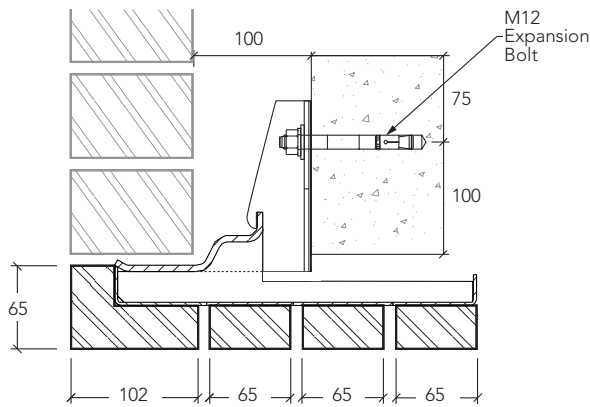
# The Solution

IG Masonry Support combined bespoke Brick Slip Masonry Support Systems and Brick Slip Lintels to ensure seamless and structural brick clad soffits for all openings.

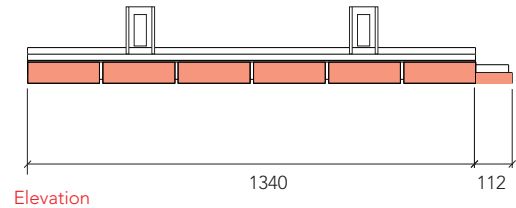
IG received a consignment of the bricks being used on the project, which were then cut down to 25mm slips. The brick slips were bonded to the patented steel system, which enabled the BBA approved resin to mushroom through the perforations in the steel and form a mechanical lock.

The revitalised contemporary homes offer a newfound vibrancy to the community, whilst also ensuring the retention of clearly defined blocks to reinforce the grid of the city.

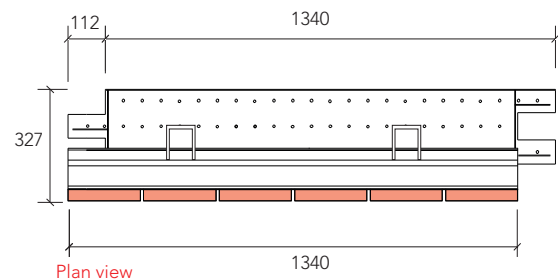
The area has been revived with affordable high quality living, a project that has since been awarded with the 'The Best Urban Regeneration Project' at the prestigious Brick Awards.



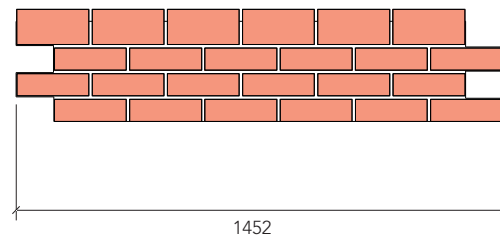
Section view



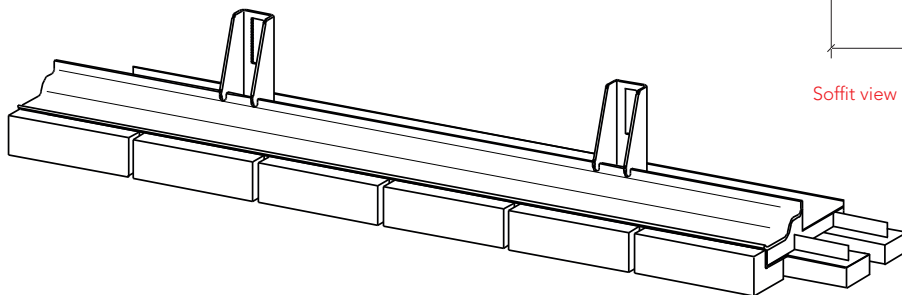
Elevation



Plan view



Soffit view



3D view



## IG BRICK ON SOFFIT SYSTEM UNITS & BRICK SLIP LINTELS

### Pembury Circus

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#### RESIDENTIAL DEVELOPMENT

Pembury Circus

#### PRODUCTS USED

IG Brick On Soffit System Units & Brick Slip Lintels

#### ARCHITECT

Fraser Brown McKenna

#### CONTRACTOR

Ardmore Construction

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The Pembury Circus development has provided a landmark hub within the Hackney district. Essentially this project has facilitated all the components of a community centre for its residents; comprised of 268 residential units, commercial units, nursery, gym and various other provisions.

“IG Masonry Support achieved the architect’s desired aesthetic with their seven types of feature brick lintels at Pembury Circus. Coordination of the brick slip lintels with IG was seamless.”

Daniel McGurk,  
Ardmore Construction







# The Challenge

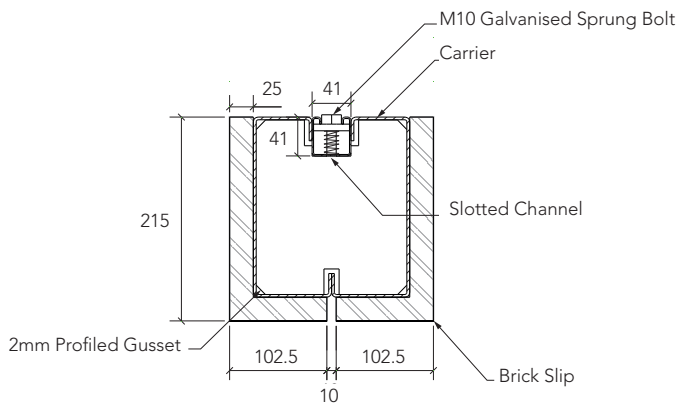
Architecturally, the building presented multiple challenges with a range of soffit sizes specified in the design. IG Masonry Support worked closely with the Architect and Contractor in order to develop a solution for the long runs of brick clad soffits that span the building's projecting perimeter.

The bespoke brick slip solutions needed to fit in with the building's exterior curves, a feature IG Masonry Support's Brick On Soffit System range is fully capable of achieving. Seven different specifications of Brick Slip Lintels would also be required, each bespoke to accommodate the contour of the wide openings - balconies that exceeded 3.5m in span.

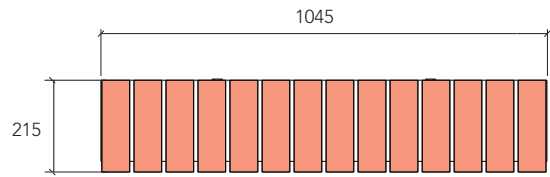
# The Solution

The perimeter of the building required multiple brick slip solutions provided by IG to achieve the extensive runs of brick soffit. The curved brick feature Masonry Support created a soldier course of brick detailing faced on three sides, establishing a defining trim around the underside edge of the building.

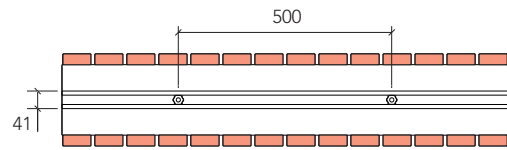
The Brick On Soffit System units were installed to the pre-fitted masonry support, enabling increased adjustability across all three planes; this system offered a quicker, lighter, easier and more cost effective option. The range of brick slip lintels featured in the building design were all produced to bespoke specification, blending seamlessly with the already constructed brickwork. Demonstrating IG's commitment to achieving the aesthetical requirements of the project as well as the structural.



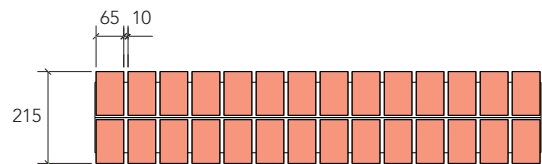
Section view



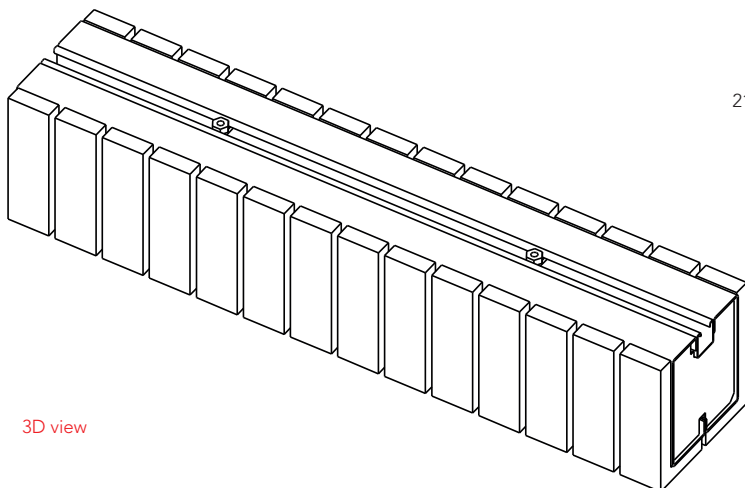
Elevation



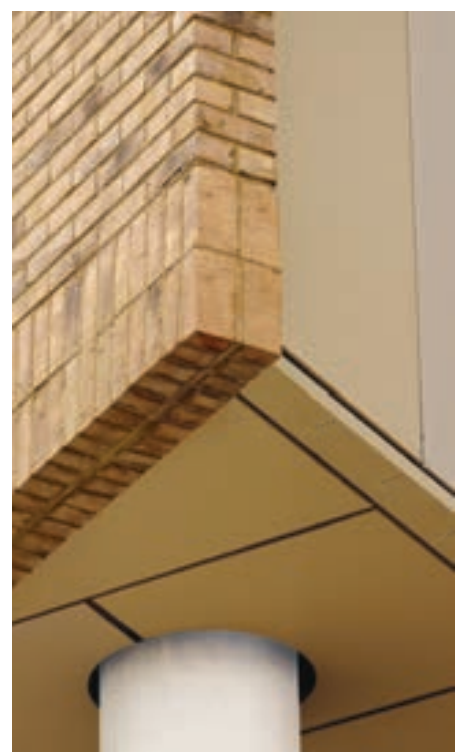
Plan view



Soffit view



3D view



## BRICK SLIP MASONRY SUPPORT, BRICK SLIP LINTELS & SOFFIT PANELS

Father Scully House, Dublin

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### RESIDENTIAL DEVELOPMENT

Father Scully House, Dublin

### PRODUCTS USED

Brick Slip Masonry Support,  
Brick Slip Soffit Panels & Brick Slip Lintels

### ARCHITECT

Coady Partnership

### CONTRACTOR

Collen Construction

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The €14m redevelopment of Father Scully House on Gardiner Street, Dublin saw the construction of two conjoined buildings each with a variation in specification – one consisting of five storeys and the other of seven.

“ This installation took one man two days having not used the system before. The installation of the concrete option originally proposed would have taken three men up to four days to install. ”

Liam Flynn, Site Manager  
Collen Construction





# The Challenge

The project required a combination of Masonry Support and Brick Slip solutions, demonstrating a broad range of products supplied by IG. Challenges included the design of brick soffits across long spanning balconies for each of the 99 apartments as well as deep soffit reveals.

Original plans had specified heavy concrete bolt up systems, which would have significantly slowed construction and raised costs. IG Masonry Support was tasked with providing various solutions that would prove lighter, safer and more efficient.

# The Solution

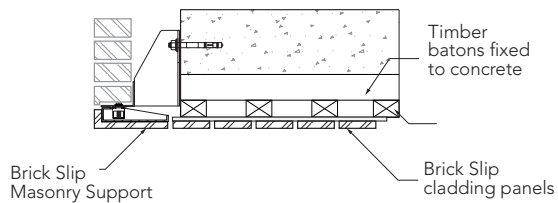
IG's provision of brick slip solutions demonstrated the benefits of prefabricated systems manufactured offsite and delivered complete with bricks bonded. IG's Brick Slip Soffit Panels were more than capable of providing a cladding solution for the deep soffits specified by the architect.

The 1425mm soffit underneath the cantilevered apartments has been achieved through twelve interlocking brick slip panels fixed to a timber substructure.

Producing these panels offsite provided an easier and faster alternative to the traditional method, saving considerable time onsite.

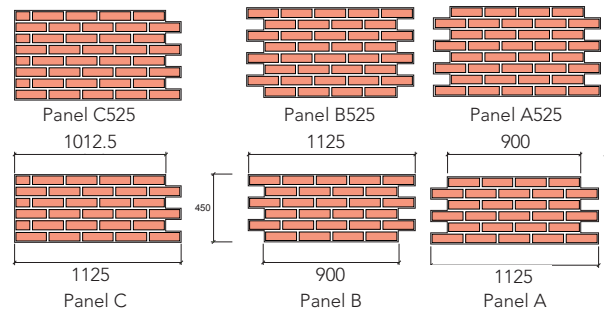
The brick slip masonry support assured full structural support as well as providing further brick detailing around the perimeter of the building.

### BRICK SLIP SOFFIT PANEL:

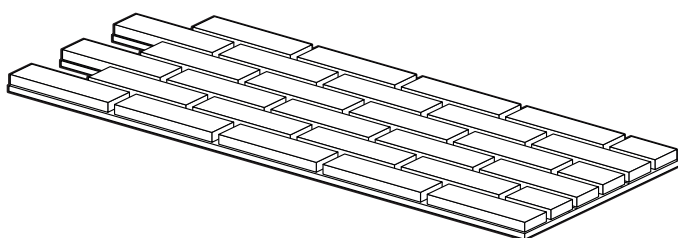


Section view

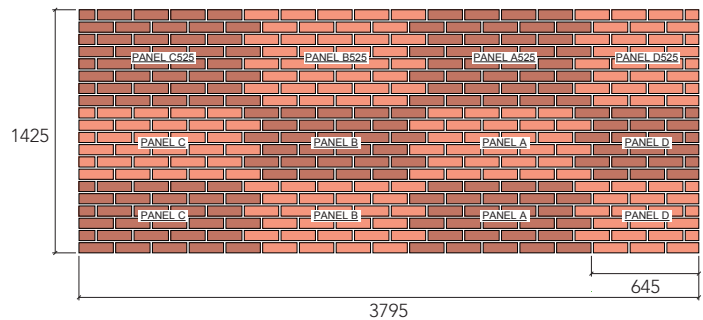
### INTERLOCKING BRICK SLIP SOFFIT PANELS:



8 No. panel designs



3D view



Soffit view - 12 No. panels in total



## IG BRICK ON SOFFIT SYSTEM UNITS

### Hallsville Quarter

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**RESIDENTIAL DEVELOPMENT**

Hallsville Quarter

**PRODUCTS USED**

IG Brick On Soffit System Units

**ARCHITECT**

Haworth Tompkins

**CONTRACTOR**

Bouygues Developments

**BRICKWORK CONTRACTOR**

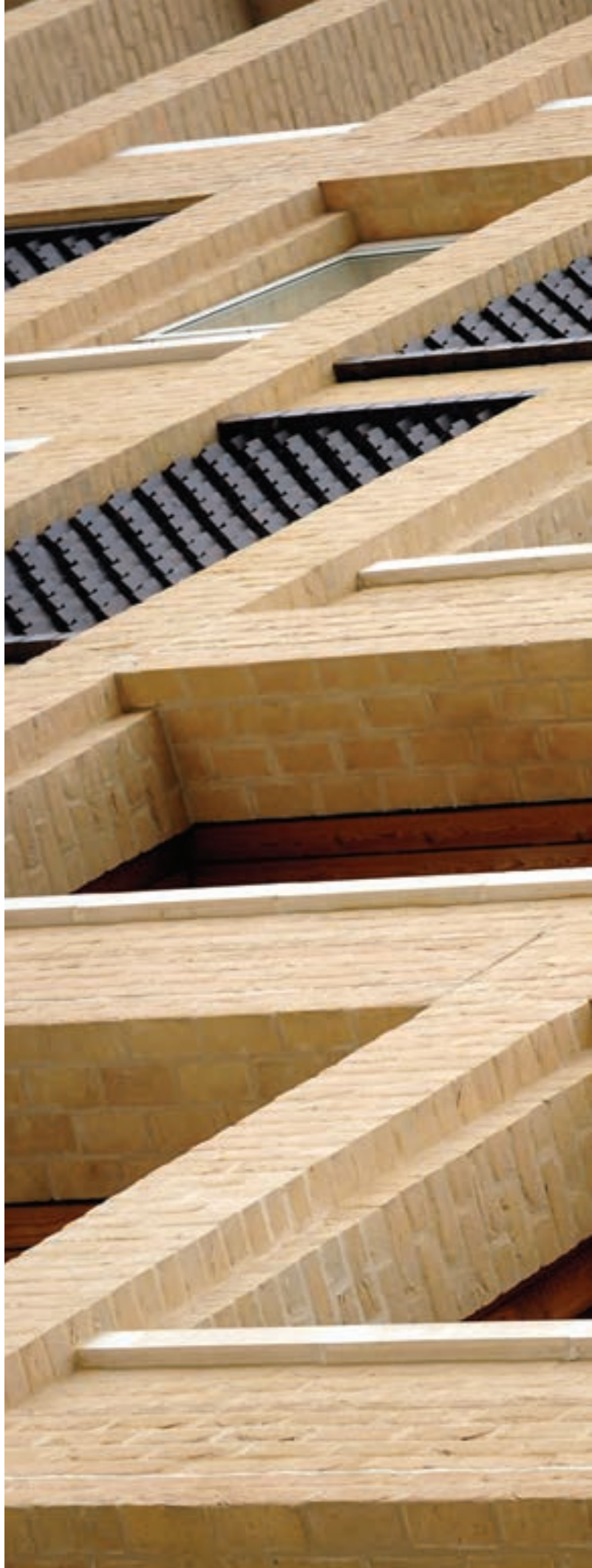
Swift Brickwork

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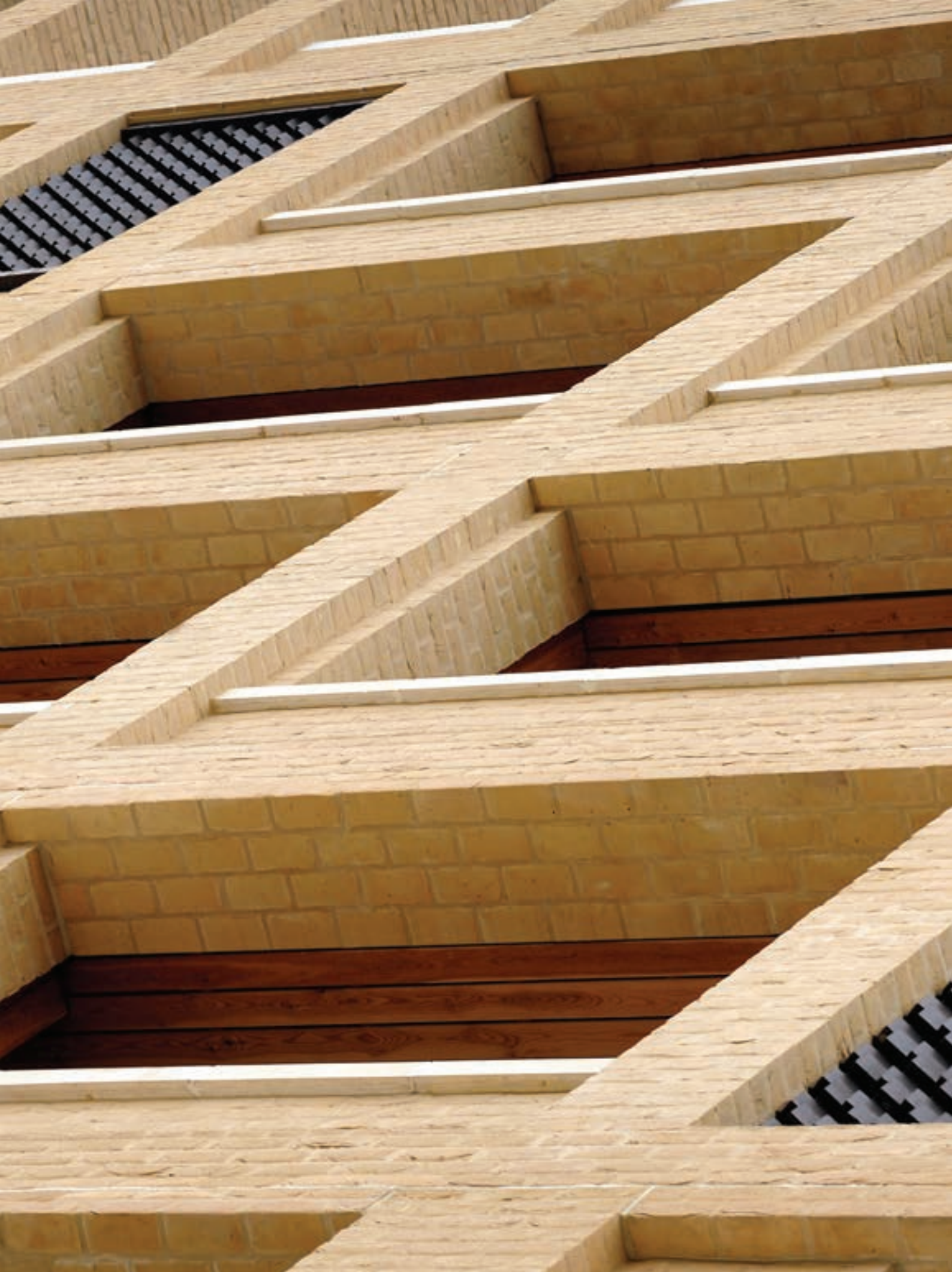
The Hallsville Quarter development promotes transformation. The £600 million project aims to regenerate areas of Canning Town in the East London district through the provision of an entirely new town centre; this bold and exciting project will create a distinct identity for the area, laying the foundations for a prosperous future.

“IG’s system for brick faced soffits are designed as lightweight and easy to fit, and can be simply aligned using a unique two-part system to create a flawless joint with the main brickwork façade – with no supporting steelwork left exposed.”

Keith Da Costa, Commercial Director  
Swift Brickwork Contractors Ltd







# The Challenge

This large scale development required high volumes of IG Masonry Support's brick slip solutions.

The challenge of this site was developing deep brick soffits as lightweight solutions that would not involve expensive crane time.

# The Solution

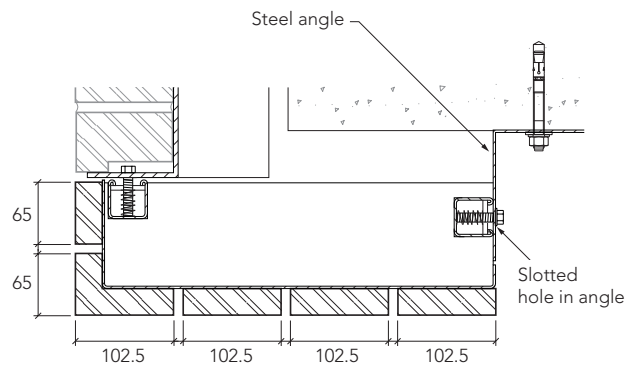
IG Masonry Support provided brick slip units that bolted up to the Masonry Support System located above each opening. The lightweight unit was quick and easy to install in comparison to the heavier concrete alternative originally specified, saving significant time onsite.

The bespoke brick slip systems could also accommodate various soffit depths, which ranged from 215mm to 440mm.

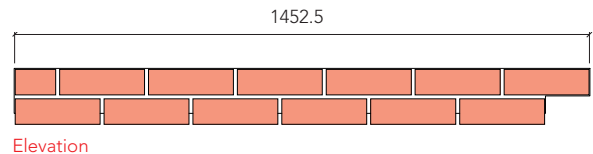
The stretcher-bond brick detailing blended seamlessly with already constructed brickwork, demonstrating the levels of consistency IG can obtain.

Multiple lightweight units were used across one opening to help with the handling of the system on the scaffold. Neighbouring units were toothed seamlessly interlocking with each other.

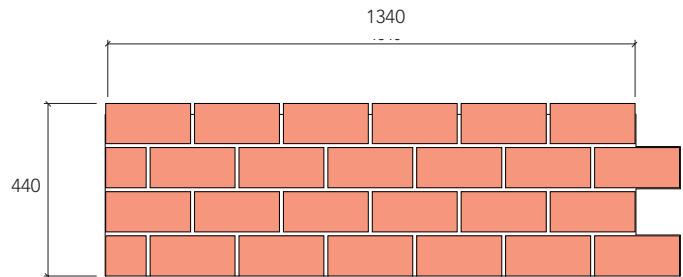
**IG BRICK ON SOFFIT SYSTEM UNIT:**



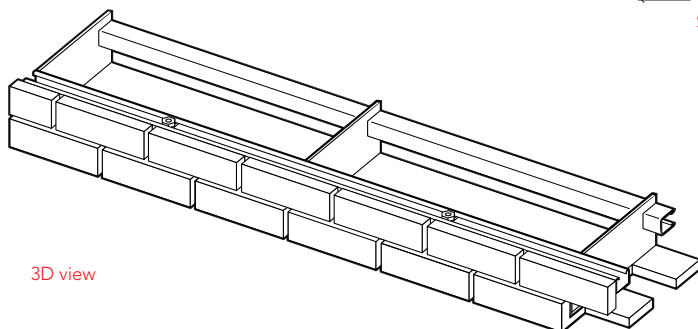
Section view



Elevation



Soffit view



3D view



## BRICK SLIP LINTELS & MASONRY SUPPORT

The Albus, Glasgow

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### COMMERCIAL DEVELOPMENT

The Albus, Glasgow

### PRODUCTS USED

Brick Slip Lintels & Masonry Support

### ARCHITECT

JM Architects

### CONTRACTOR

Robertson Construction

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The Albus is an award winning commercial development providing contemporary office space in the city of Glasgow. The building demonstrates distinct prominence within the urban landscape it resides, exhibiting variations in textural detailing to construct an intricate and visually stimulating façade.

“ IG Masonry Support’s expertise helped us to overcome difficult non-standard technical solutions to create the impression of a seamless “solid” brick façade. Their input was invaluable to the overall quality of the façade of our building. ”

Henry Mckeown,  
JM Architects





# COMMERCIAL PROPERTY AWARDS 2015



# The Challenge

Robertson Construction approached IG Masonry Support to provide Brick Slip Soffit solutions for this project. Several areas had openings where the brickwork transitioned into cladding mid-way across.

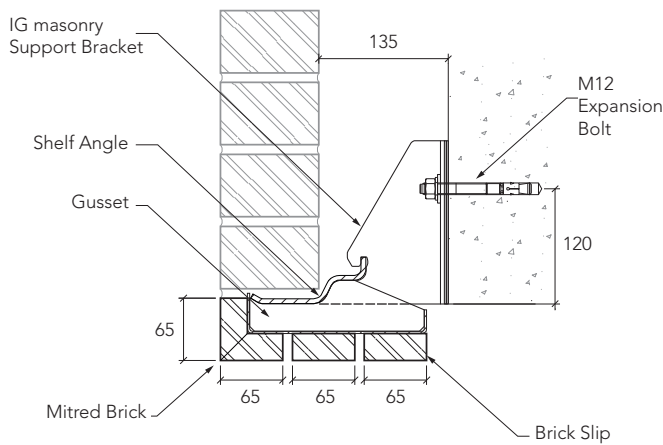
A natural brick soffit finish was originally unachievable because a perforated brick was specified. IG Masonry Support had to establish a solution without substituting the brick.

# The Solution

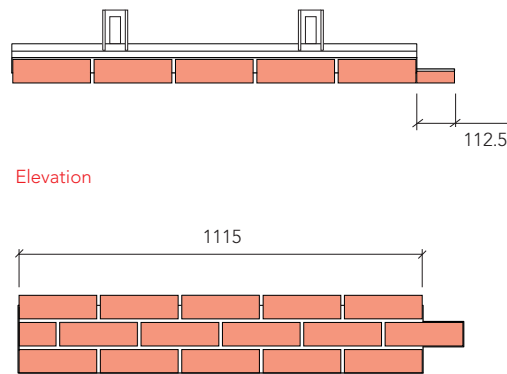
The solutions provided were a combination of Brick Slip Lintels and Brick Slip Masonry Support Systems. IG Masonry Support developed a method of modifying the brick making it more applicable to soffit use - cutting the brick to form a mitre bond and joining these brick sections to produce a corner piece for the edge of the unit.

In order to accommodate for openings that transitioned from brickwork to cladding, IG's Brick Slip Shelf System was produced in sections enabling the brick to feature only partially across the opening span.

These bespoke specialist solutions helped to achieve the façade envisioned by the architect, demonstrating the aesthetic and structural capabilities of IG Masonry Support's product range. The £3.6m project has since been recognised for architectural accomplishments at the Scottish Property Awards 2015, winning the award for Architectural Excellence (Commercial Buildings).



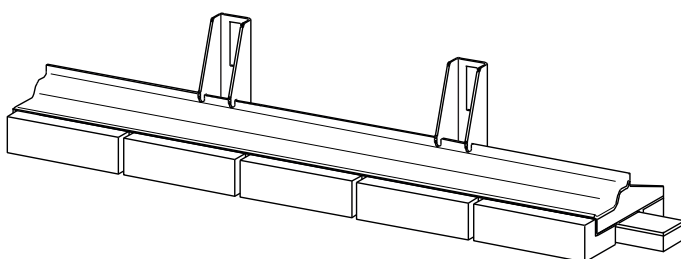
Section view



Soffit view

## Mitre Joint

Combines two brick faces, cut to form a mitre joint and bonded together using IG Masonry Support's approved BBA adhesive.



3D view



## BRICK SLIP LINTELS

### Potato Wharf, Manchester

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#### RESIDENTIAL DEVELOPMENT

Potato Wharf, Manchester

#### PRODUCTS USED

Brick Slip Lintels

#### ARCHITECT

Weedon Partnership

#### CONTRACTOR

Lendlease

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The Potato Wharf development provides one of Manchester's most distinguished industrial heritage sites with a contemporary residential block, sensitive towards the historical context of the area.

The surrounding landscape has truly inspired the design of this project, utilising a combination of contrasting materials and incorporating bold primary & secondary colours.

“IG Masonry Support's Brick Slip Lintels were quick and easy to install, delivering from both an aesthetic and structural perspective. IG Masonry Support also provided a commendable service.”

Jonathan Harrison, Senior Design Manager  
Lendlease







# The Challenge

This eight-story development required IG Masonry Support's Brick Slip Lintels for a variety of openings ranging from 460mm to 2260mm in width.

Along with IG's BBA approved patented system, Lendlease also requested a mechanical steel fix in to the back of the brick.

# The Solution

The prefabricated Brick Slip Lintels were manufactured offsite to various width specifications and delivered complete with bricks bonded. IG received a consignment of the brick being used onsite to ensure that the finished lintels blended seamlessly with the already constructed brickwork.

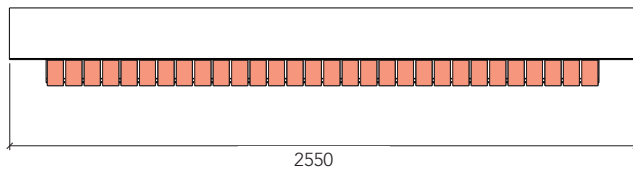
The installation process was the same as a standard lintel with no fixings required, removing the need for specialist trades. IG's engineers also designed a mechanical steel fixing in to the back of the brick.

IG's bespoke Brick Slip Lintels can accommodate numerous variations in soffit and face depth; this particular project featured a Rowlock 103-215 bond pattern.

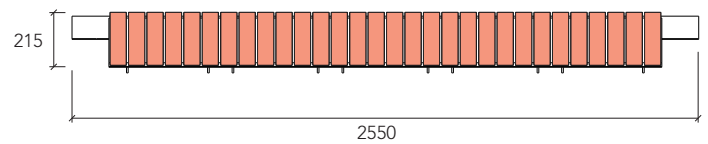
Simply cutting a small track in the back of the brick allowed for the insertion of a folded steel plate. The steel plate was then bonded into this track with IG's BBA approved adhesive.

These brick feature units helped achieve the aesthetic accomplishments of the project, as well as providing crucial structural support.

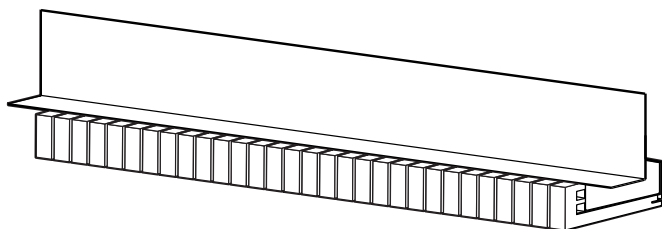
The end result demonstrates an unorthodox interpretation of residential 'blocks' that exhibits the power of simplicity within design.



Elevation



Soffit view



3D view



## BRICK SLIP LINTELS

The Orchard, London

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**RESIDENTIAL DEVELOPMENT**

The Orchard, London

**PRODUCTS USED**

Brick Slip Lintels

**ARCHITECT**

Fourpoints Architects

**CONTRACTOR**

Mount Anvil

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The Orchard is a contemporary apartment building, comprised of 45 private residential units. Many of these have integrated balconies and floor to ceiling windows that required IG Masonry Support solutions.

“IG Masonry Support’s Brick Slip Lintels were a fantastic addition to the project, ensuring absolute consistency in brick detailing. The Orchard has received a lot of attention and has been nominated for numerous awards for Health & Safety and Quality - a tribute to everyone’s efforts.”

Richard Chalmers  
Mount Anvil





# The Challenge

Many of the apartments at The Orchard development have recessed balconies that required various brick soffit lintel solutions. The contrasting brick types and precise detailing exhibited by the building's exterior generates a contemporary urban-style that resonates charmingly with the surrounding neighbourhood.

# The Solution

Unique solutions produced offsite were necessary to accomplish the aesthetic requirements of the project. The use of multiple brick types has helped distinguish the apartment blocks in a stylish and contemporary manner.

In order to achieve consistency in brick detailing, IG received a consignment of the brick types being used onsite to ensure that the finished brick slip lintels blend seamlessly with already constructed brickwork.

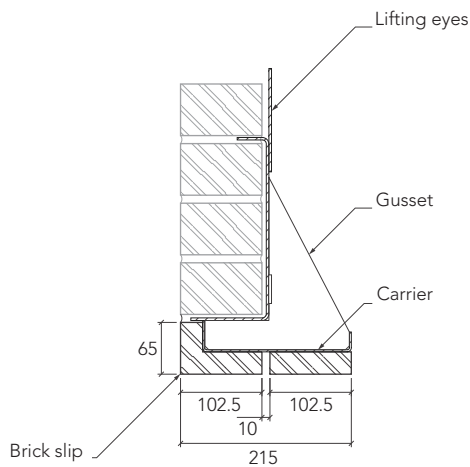
IG Masonry Support needed to identify bespoke brick slip solutions capable of achieving the specified brick patterns above a multitude of openings, ensuring the residents saw a consistent flow of brickwork from face to soffit.

IG values the architect's vision, understanding that aesthetics are also essential when assuring the full structural support of a building.

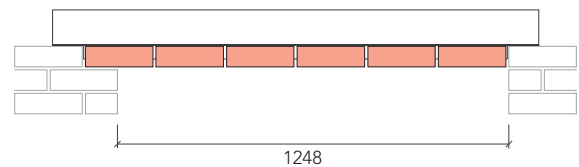
IG Masonry Support's prefabricated units utilised two different brick types which were being used on site:

- Black Engineering Brick
- Smead Dean London Stocks

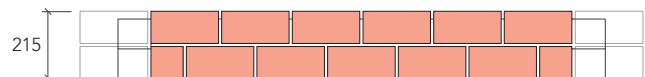
To overcome any potential issues with the brick set out, IG incorporated an extra half brick on every lintel. This meant the lintel could be shuffled left or right during installation, depending on whether the opening started with a full brick or half brick.



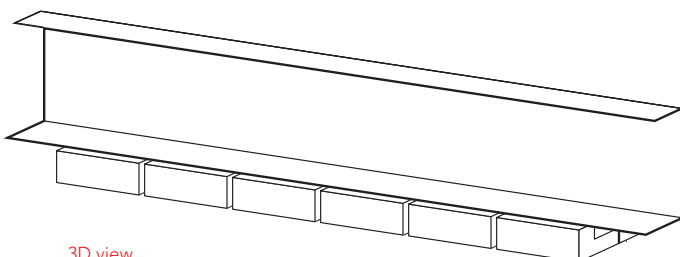
Section view



Elevation



Soffit view



3D view



## TITAN MASONRY SUPPORT & BRICK SLIP MASONRY SUPPORT

Liberty House, Dublin

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### RESIDENTIAL DEVELOPMENT

Liberty House, Dublin

### PRODUCTS USED

Brick Slip Masonry Support  
& Brick Slip Lintels

### ARCHITECT

Paul Keogh

### CONTRACTOR

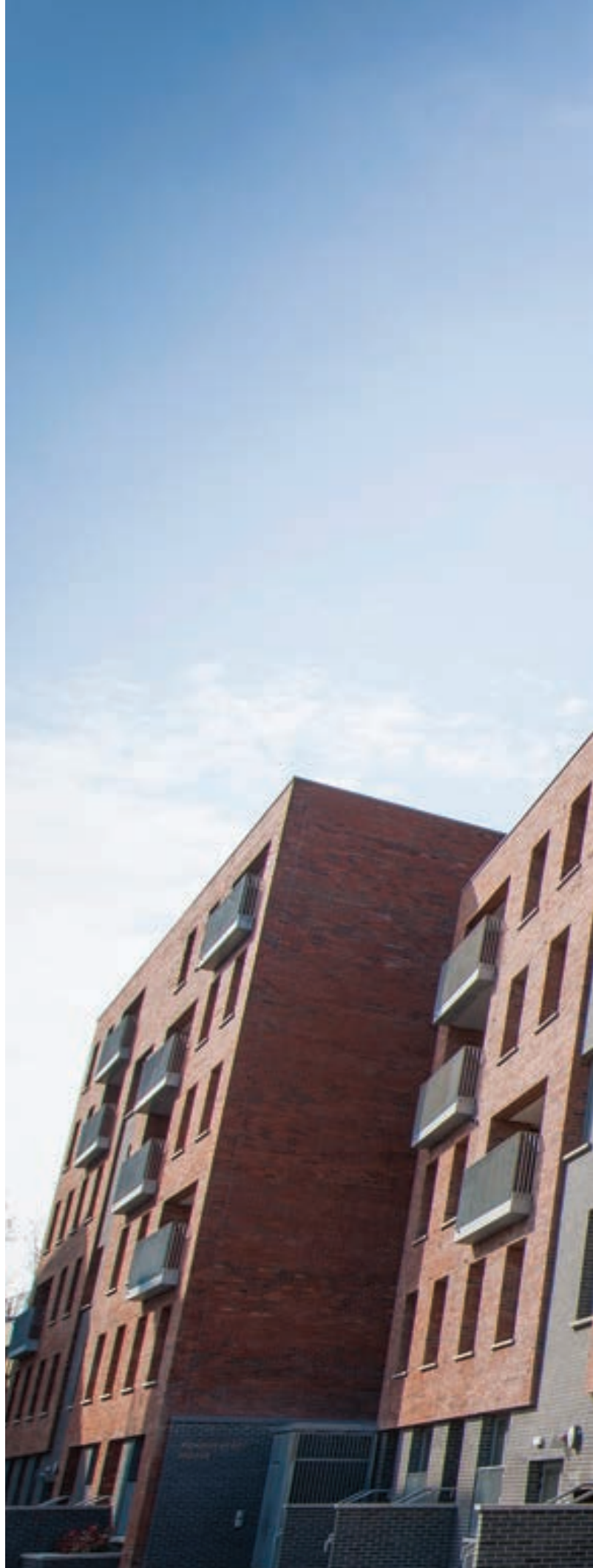
Duggan Brothers

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The redevelopment of Liberty House has provided the city of Dublin with a new apartment complex comprised of 56 residential units, forming part of a scheme aiming to rejuvenate the inner city district.

“Duggan Brothers relied on IG’s expertise throughout the construction of the project. IG provided full structural support without compromising on the aesthetic detailing of the soffits. Our client was delighted with the end result.”

Gareth Anderson  
Duggan Brothers







# The Challenge

The apartment buildings are five storeys high, with the exception of the South East corner which has an additional storey; thereby adopting the maximum height permitted under the city's development plan. Masonry Support was necessary at required levels to cope with the vertical movement in the masonry façade; thus alleviating any issues associated with excessive loading.

The bespoke brick slip solutions must also accommodate a soffit variance between 102.5mm and 327.5mm in order to achieve the depths specified by the architect.

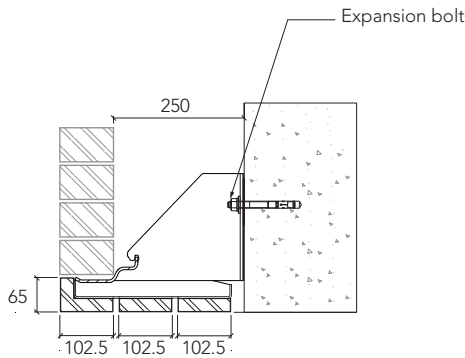
# The Solution

IG Masonry Support's Titan System was supplied for the project and installed intermittently every two storeys. The Titan System provided significant adjustability to ensure that building tolerances could be accommodated and contact with reinforcing bar could be avoided when drilling.

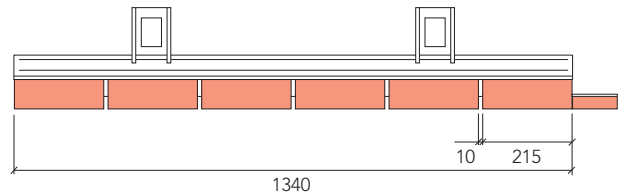
IG is extremely dedicated to achieving the high aesthetic expectations when providing full structural support of a building. Therefore a range of bespoke brick slip solutions were also designed, enabling seamless soffit detailing throughout.

The end result bears a harmonising reference to the Georgian origins of the urban environment in which it resides. An elegant and robust structure, transforming the area.

## 327.5mm SOFFIT

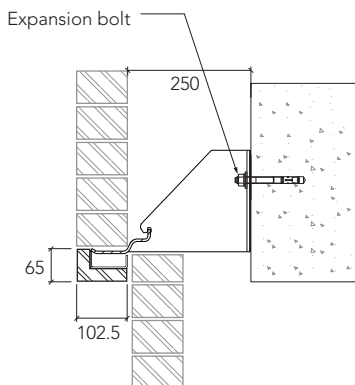


Section view

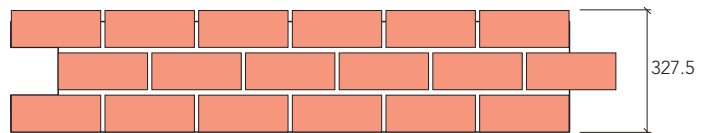


Elevation

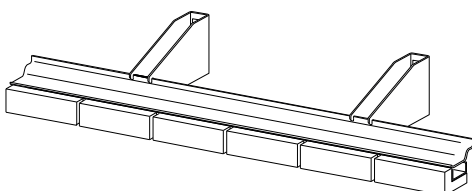
## 102.5mm SOFFIT



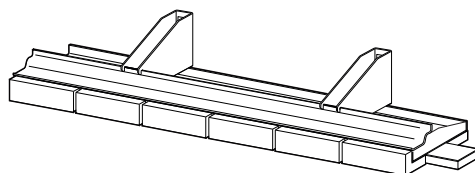
Section view

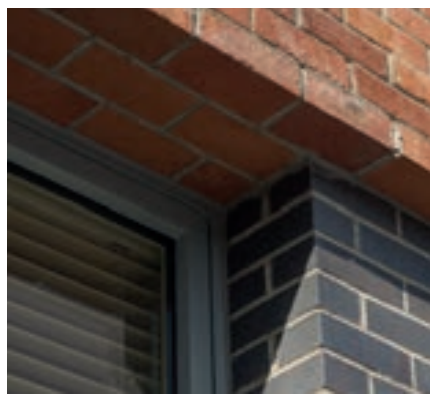


Soffit view



3D view





## IG BRICK ON SOFFIT SYSTEM & BRICK SLIP LINTELS

The Nelson Medical Practice, London

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### DEVELOPMENT

The Nelson Medical Practice

### PRODUCTS USED

IG Brick On Soffit System  
& Brick Slip Lintels

### ARCHITECT

Murphy Philipps

### CONTRACTOR

Rydon Construction

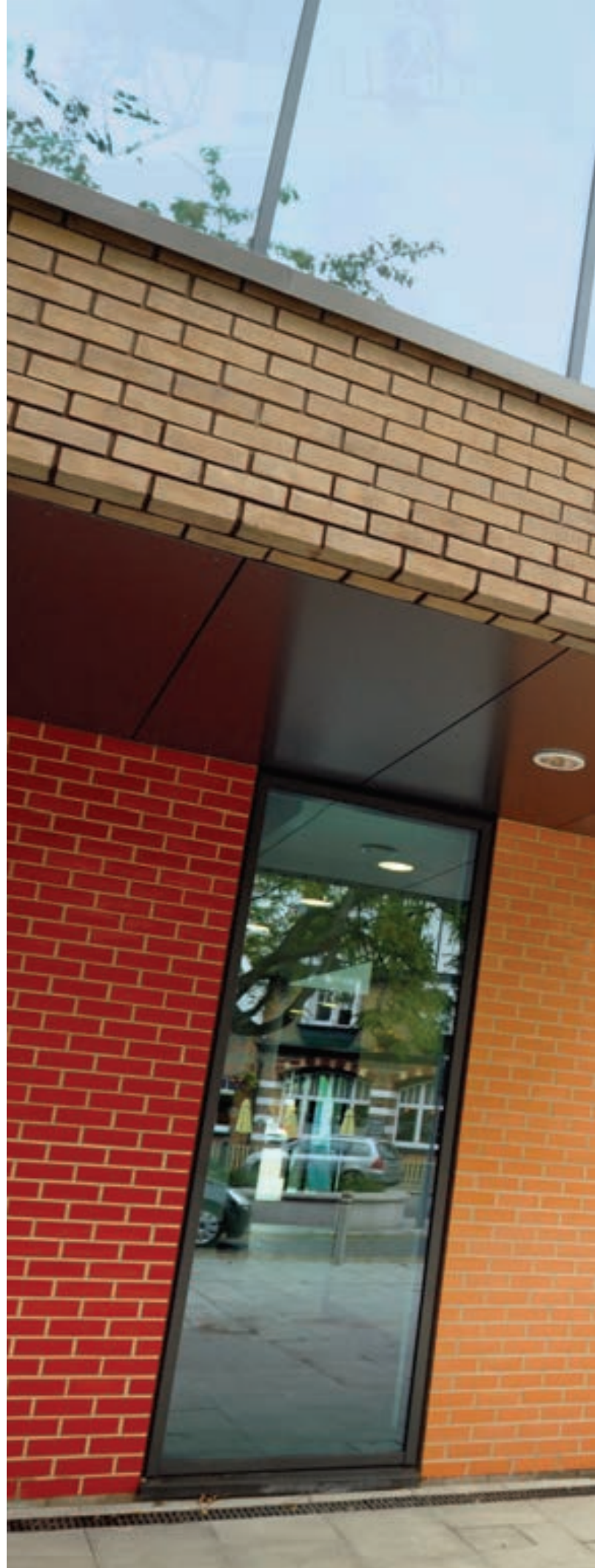
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The Nelson Medical Practice is an award winning development situated in South West London. The transformation this project proposed would modernise the original community health centre opened in 1911, with the prospect of accommodating a broader range of medical services.

“The quality of IG Masonry Support’s Feature Brick solution offered seamless transition between IG’s offsite components and brickwork constructed onsite. Very good technical support and superb detailed drawings enabled us to build an imaginative architectural design reproducing features on the new hospital from the old retained façade.”

Dave Calvey

Rydon Construction





# The Challenge

This three storey development required IG's Brick Slip Masonry Support, Brick On Soffit System Units and Brick Slip Lintels. The design features a 5m long protruding soffit which projects out by 2.5m; this would require IG's Masonry Support to bear the load of the two storeys above.

# The Solution

The cantilevered projection utilised IG Masonry Support's Bolt Up Brick On Soffit System. The combination of Masonry Support and the Brick On Soffit System unit helped provide the necessary structural support whilst also facilitating seamless brick soffits.

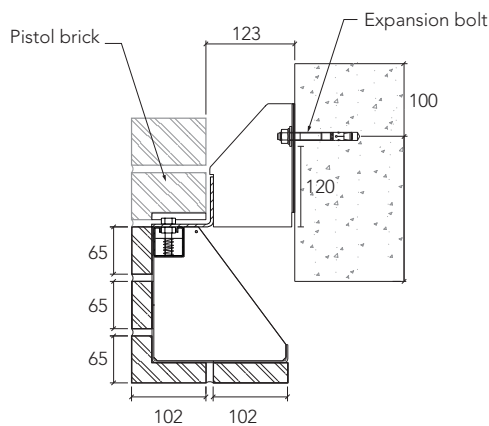
In addition, this particular system also enables an increased degree of adjustability across all three planes, generating quicker installation times.

The Brick Slip Lintels manufactured offsite ranged in span from 1210mm to 2785mm. These were delivered to site with bricks bonded ready for installation and final pointing.

The project also required multiple lintel designs to accommodate a range of opening dimensions and soffit depths.

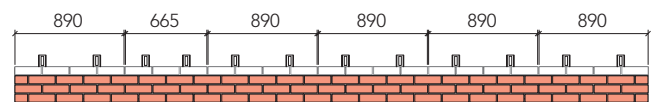
The medical facility won a national award recognising the project as the 'Best Primary Care Development' at the Building Better Health Care Awards. The project paid lasting homage to the existing hospital through the preservation and integration of the original pavilion block entrance, referencing its Edwardian origin.

This contrast emphasises the transformation undergone, reflecting progression in both a medical and architectural context.

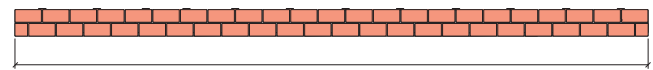


Section view

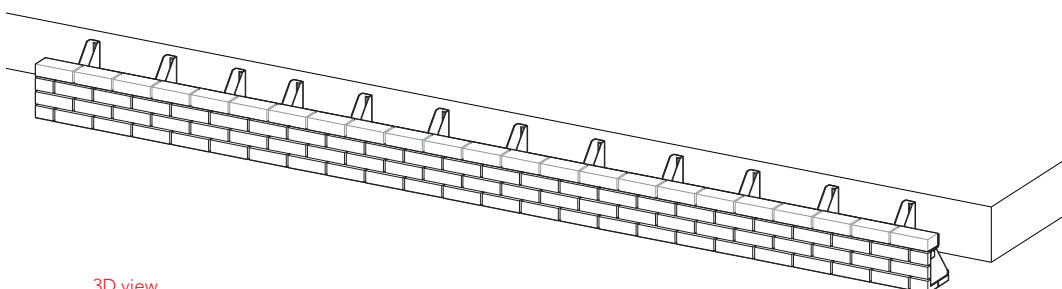
The Brick On Soffit System units were secured via bolts passing through the pre-fitted masonry support angle, screwed into spring nuts and torqued to the advised setting.



Elevation



Soffit view



3D view



## BRICK SLIP STEEL SOFFIT PANELS

Netley Campus, London

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### CIVIC DEVELOPMENT

Netley Campus, London

### PRODUCTS USED

Brick Slip Steel Soffit Panels

### ARCHITECT

PTE Architects

### CONTRACTOR

BAM Construction

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The development of Netley Primary School Campus is part of a 15 year long community investment project which will focus on unlocking the social and economic potential of the local area.

The Netley Campus required a more logical layout, providing better links between educational facilities; this would inevitably stimulate better integration and facilitate an inspiring new space to benefit both the school and the local community.

“The innovative bolt-up brick soffits provided a seamless solution for the decorative feature brick above each opening - really contributing towards achieving the façade envisioned.”

Tim Metcalfe  
PTE Architects







# The Challenge

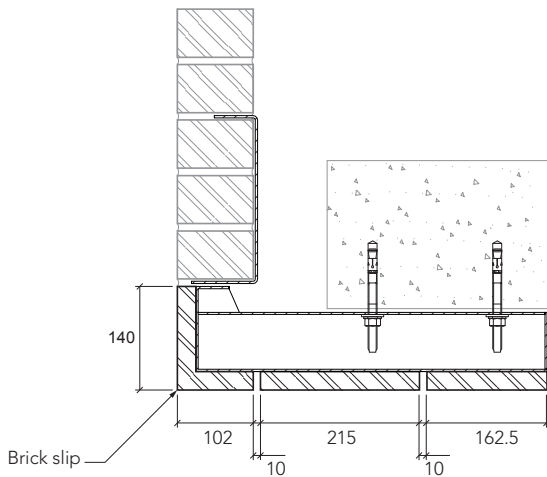
IG Masonry Support needed to identify a brick face and soffit solution to span the 2710mm openings featured throughout the project.

The bolt up solutions would need to provide a 500mm deep soffit with a 140mm face height and needed to blend seamlessly with the surrounding brickwork.

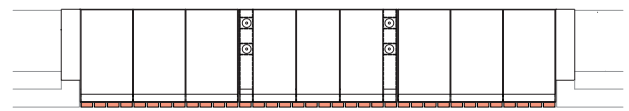
# The Solution

IG Masonry Support designed a bespoke Brick Slip Soffit solution consisting of three components. The interlocking units bolted through each other into the concrete structure above, ensuring that contact with completed masonry was avoided. The creative solution required minimal bonding on site with brick slips provided to strategically cover each fixing, generating a seamless finish.

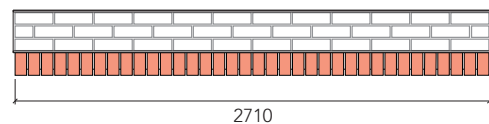
A consignment of the bricks being used onsite were cut and bonded to our patented structural steel system with a BBA approved adhesive. The intelligent bolt up method provided a reduction in labour onsite consequently helping to diminish costs, making IG's solution the optimum choice for the project.



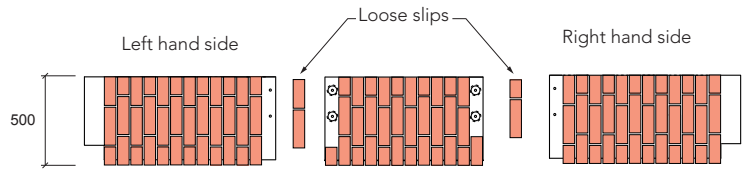
Section view



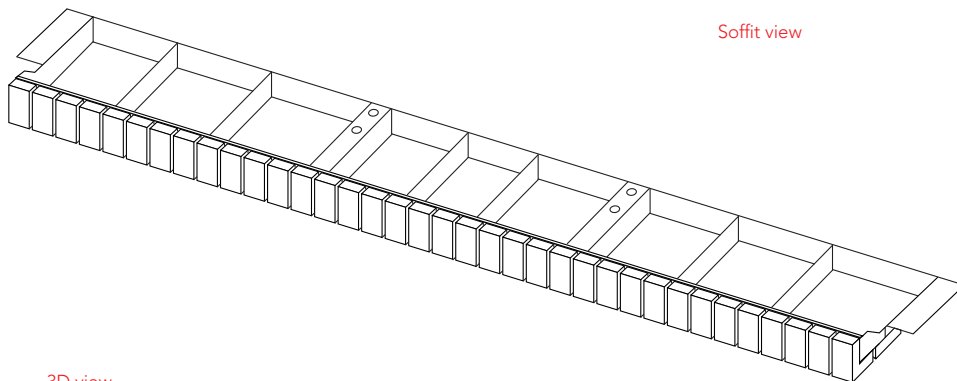
Plan view



Elevation



Soffit view



3D view



## BRICK SLIP LINTELS

William Street Quarter, London

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**RESIDENTIAL DEVELOPMENT**

William Street Quarter

**PRODUCTS USED**

Brick Slip Lintels & Stone Slip Lintels

**ARCHITECT**

MacCreanor Lavington  
& Alfred Hall Monaghan Morris

**CONTRACTOR**

Laing O'Rourke

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The second phase of William Street Quarter presents an alternative approach to building as well as an innovative financial model - the first private funded affordable social housing scheme in the UK.

“The solution provided by IG Masonry Support Systems was excellent, and the offsite prefabrication complimented our building philosophy perfectly.”

Martin Kerrs  
Laing O'Rourke





PUBLIC SECTOR PROJECT OF THE YEAR



# The Challenge

The family-sized brick terrace houses demonstrate an accumulation of offsite solutions manufactured in advance and delivered to site ready for installation; this is a project opposing the stigma surrounding prefabricated housing.

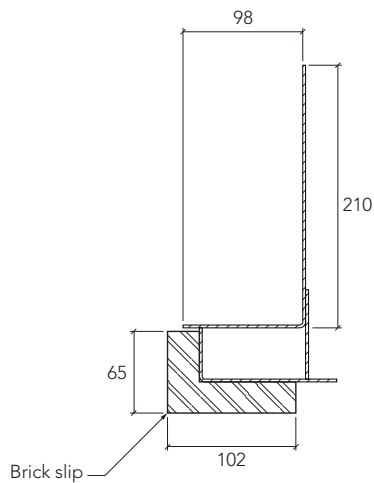
IG Masonry Support was faced with the challenge of designing brick and stone soffits for openings of various spans.

# The Solution

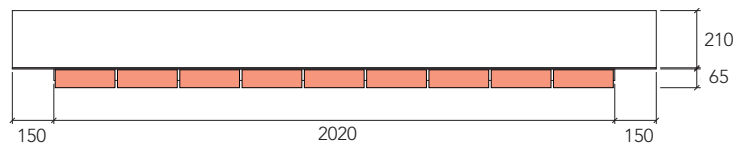
IG Masonry Support provided bespoke brick and stone clad steel lintels spanning the 1.2m, 1.9m and 2.9m openings throughout the 357 unit development. This is testament to the versatility of IG's bespoke Brick Slip Lintels that can accommodate any variation in soffit and face depth.

Resonating with Laing O'Rourke's 'offsite' construction philosophy, IG's prefabricated units were manufactured offsite and delivered complete with brick and stone slips bonded; this offers a major reduction in onsite labour.

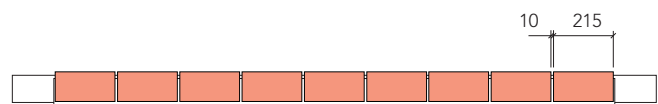
The William Street Quarter Project received its well-deserved recognition at the 2015 Offsite Awards, winning two awards at the ceremony; 'The Public Sector Project of the Year' and 'Best Use of Concrete'.



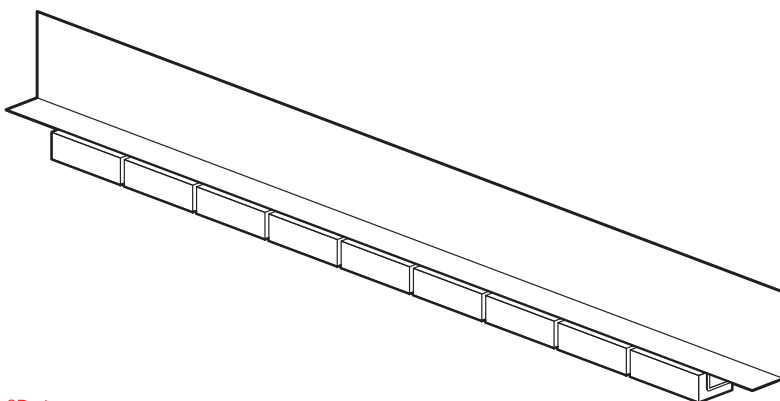
Section view



Elevation



Soffit view



3D view





*Signature projects*

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**MASONRY SUPPORT HOTLINE**

**01283 200 157**

Email: [support@igmss.co.uk](mailto:support@igmss.co.uk)

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• **IG - SWADLINCOTE**

Ryder Close, Cadley Hill Industrial Estate  
Swadlincote, South Derbyshire DE11 9EU  
T: +44 (0) 1283 200 157  
F: +44 (0) 1283 226 616  
E: [support@igmss.co.uk](mailto:support@igmss.co.uk)

• **IG - IRELAND**

Ballyreagh Industrial Estate,  
Cookstown, Co. Tyrone BT80 9DG  
T: +44 (0) 28 86760 334  
F: +44 (0) 28 86761 011  
E: [info@igmss.co.uk](mailto:info@igmss.co.uk)

• **IG - CWMBRAN**

Avondale Road, Cwmbran,  
Gwent, NP44 1XY  
T: +44 (0) 1633 486 486  
F: +44 (0) 1633 486 465

