



**WE SECURE  
WHAT YOU  
NEED TO  
PROTECT**

**/ SURVEY / DESIGN  
/ MANUFACTURE / INSTALL**



**WILLIAM BAIN FENCING LTD**  
EST 1859

# INNOVATION IS PART OF **OUR TRADITION.**

## **LOCHRIN BAIN HAVE BEEN MANUFACTURING HIGH QUALITY FENCING PRODUCTS FOR OVER 150 YEARS.**

Today a proven and established manufacturing facility in Cumbernauld on the outskirts of Glasgow, continues to provide the most up-to-date fencing solutions available on the market.

From the unique patented steel palisade products Classic and Combi to the leading edge woven mesh product WeaveGUARD, Lochrin Bain continue to lead the way with their innovative fencing solutions.

Our client portfolio demands the highest quality of product and with our very fine attention to detail, Lochrin Bain offer a service which is second to none.

The structure of Lochrin Bain is built on a strong foundation of Quality, Flexibility and outstanding customer service.

Lochrin Bain – "Traditional Company,  
Traditional Methods, Modern Thinking".

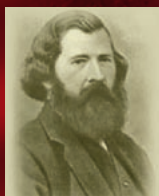




## LOCHRIN **CONTENTS**

LOCHRIN <b>CLASSIC™</b>	04
LOCHRIN <b>COMBI™</b>	05
LOCHRIN <b>FlatGUARD™</b>	06
LOCHRIN <b>FlatGUARD+™</b>	07
LOCHRIN <b>WaveGUARD™</b>	08
LOCHRIN <b>WaveGUARD+™</b>	09
LOCHRIN <b>WeaveGUARD™</b>	10
LOCHRIN <b>358</b>	11
LOCHRIN <b>BallGUARD™</b>	12
LOCHRIN <b>FABRICATION</b>	13
LOCHRIN <b>SURVEY / DESIGN / INSTALL</b>	14
LOCHRIN <b>TESTIMONIALS</b>	15

[www.lochrin-bain.co.uk](http://www.lochrin-bain.co.uk)



### **1859. WHERE IT ALL BEGAN...**

Company founded in Edinburgh by William Bain in the old Lochrin Distillery in Edinburgh renaming it Lochrin Iron Works and began by producing iron fencing and gates for estates in Scotland.



### **PRESENT DAY...**

Current site of the Lochrin Iron Works, Tollcross, Edinburgh



## LOCHRIN CLASSIC™

### BEST VALUE WITH LIFETIME COST! A 'TRUE' PALISADE THAT CONFORMS TO BS1722 PART 12 - 2006.

Lochrin® Bain rivetless fixing system offers a security palisade fence with tamper free fixings, and pales that pass through the rails with no fixings required.

- Quick and simple installation.
- Adaptable using 3mm and 4mm thick pales for strength and reliable security.
- Heights of 0.90m to 3.6m.

#### APPLICATIONS:

- Boundary Security, Schools, Allotments, Industrial Units, Railways.
- Full specification drawings, Q40 tender documents and technical support available on request.

### TECHNICAL INFORMATION

Post section: 102mm x 44mm RSJ section or 127mm x 76mm universal beams pending specification requirements.

2/3/4 no RSA Horizontal support rails.

- 45mm x 45mm x 6mm for 3mm pales.
- 50mm x 50mm x 6mm for 4mm pales.
- All with V shaped slots for pale insertion.
- 3mm or 4mm thick D section pales.

17 no Lochrin pales D Section type to a standard 2.75 metre panel.

2 pressed unique dimples.

2/3/4/ no Fishplate post and rail connectors.

2 no intermediate supports for bottom rail.

6/8/10 no M12 x 30mm cup square fixing bolts.

Heights – from 0.90m to 3.6m.

Hot Dipped Galvanised to BS EN ISO 1461 or Powder Coated to RAL Colours.

Raking panels: 450mm with 17 pales to a standard bay of 2.75 metre panel.

Security fencing to BS 1722 part 12.



### 1870. WILLIAM P. C BAIN

William Bain passes away leaving his widow, two sons and daughter to take over the business. It was under his eldest son William P.C Bain that the small project grew into a large one by devoting most of his time to his inventions and the Lochrin businesses.



### 1876. A ROYAL SEAL

Royal Patent and seal for the invention of the Fencing Dropper.



HIGH SECURITY  
PERIMETER PROTECTION

## LOCHRIN COMBI™

**LOCHRIN® BAIN COMBI SECURITY SOLUTION SYSTEMS COMPLY WITH BS1722 PART 12 - 2006, APPROVED TO SECURE BY DESIGN AND GOVERNMENT RATED TESTS.**

- The Unique Counter Bored bolt fixing of pales.
- Up to 28 pales to the bay giving medium to high security protection.
- Pales that pass through the rails, offering an unmoveable pale.
- Available with 3mm and 4mm thick pales.
- Choice of 2-4 horizontal rails manufactured from rolled steel angle.
- Heights up to 4 metres high with additional security features of embedded pales to stop the determined offender.
- Compatible with Electric Fencing and Perimeter Intruder Detection, CCTV to give maximum security.
- Accredited and fully tested to government requirements.
- Secured by Design – a Police preferred specification.
- Applications: High Security Establishments, Industrial Units, Airports and protection to Critical Infrastructure.
- Full specification drawings, Q40 tender documents and technical support available on request.

### TECHNICAL INFORMATION

Post Section: 102mm x 44mm RSJ section or 127mm x 76mm and 152mm x 89mm universal beams pending specification requirements.

2/3/4 no RSA horizontal support rails.

- 45mm x 45mm x 6mm for 3mm pales.
- 50mm x 50mm x 6mm for 4mm pales.
- All with V shaped slots for pale insertion.

3mm or 4mm thick D section pales.

17-28 no Lochrin pales D section type to a standard 2.75 metre panel.

2/3/4/ no Fishplate post and rail connectors.

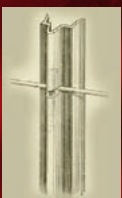
2 no intermediate supports for bottom rail.

6/8/10 no M12 x 30mm cup square fixing bolts.

Heights – from 0.90m to 4m.

Hot Dipped Galvanised to BS EN ISO 1461 or Powder Coated to RAL Colours.

Raking panels: 300mm with 17 pales to a standard bay of 2.75 metre panel.



### 1879. THE LOCHRIN DROPPER

First invention was patented the "Lochrin Dropper", this type of fence reduced the price of wire fencing, and even now William Bain's principle has not been surpassed.

### 1882. NEW ZEALAND & AUSTRALIA

William Bain & Co first exported the "Lochrin Dropper" to Australia & New Zealand.



## LOCHRIN **FLATGUARD™**

**THE LOCHRIN® FLATGUARD FENCING SYSTEM IS IDEAL FOR USE IN APPLICATIONS WHERE SECURITY IS REQUIRED BUT WITHOUT CREATING AN OBTRUSIVE AND INTIMIDATING BARRIER.**

It is designed to be a strong yet resilient fencing system, it is also capable of blending into its environment and enhancing the surroundings, it is this key feature which proves popular with architects and specifiers alike.

### PANELS

Constructed using twin wire 6mm diameter horizontal wires either side of a 5mm diameter vertical wire welded at each intersection therefore creating a strong and rigid panel. The 200mm x 50mm mesh spacing ensures excellent see through visibility.

### POST SYSTEM

Standard posts are manufactured from 60 x 40 x 2.5mm or 80 x 40 x 2.5mm Rolled Hollow Section. All posts include loose clamp fixings, leaving a clean and flush design to the rear face.

### APPLICATIONS

The Lochrin® FlatGUARD system is suitable for use in most applications where general security is required, such as schools, commercial units, hospitals etc. to create a general physical barrier.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® FlatGUARD 1000	1030mm	5
Lochrin® FlatGUARD 1200	1230mm	6
Lochrin® FlatGUARD 1800	1830mm	7
Lochrin® FlatGUARD 2000	2030mm	7
Lochrin® FlatGUARD 2400	2430mm	8
Lochrin® FlatGUARD 3000	3030mm	10



### **1888. COATBRIDGE**

Lochrin Iron Works were lifted from Edinburgh and replanted in Coatbridge, Lanarkshire, this location was chosen as it was right in the centre of the iron industry and not far from the harbours of the River Clyde.



## LOCHRIN FLATGUARD+™

**THE LOCHRIN® FLATGUARD+ FENCING SYSTEM IS IDEAL FOR USE IN APPLICATIONS WHERE SECURITY IS REQUIRED BUT WITHOUT CREATING AN OBTRUSIVE AND INTIMIDATING BARRIER.**

It is designed to be a strong yet resilient fencing system, it is also capable of blending into its environment and enhancing the surroundings, it is this key feature which proves popular with architects and specifiers alike. With a heavier gauge of wire than the standard Lochrin® FlatGUARD this system offers greater cutting resistance to vandals than its sister product.

### PANELS

Constructed using twin wire 8mm diameter horizontal wires either side of a 6mm diameter vertical wire welded at each intersection therefore

creating a strong and rigid panel. The 200mm x 50mm mesh spacing ensures excellent see through visibility.

### POST SYSTEM

Standard posts are manufactured from 60 x 40 x 2.5mm or 80 x 40 x 2.5mm Rolled Hollow Section. All posts include loose clamp fixings, leaving a clean and flush design to the rear face.

### APPLICATIONS

The Lochrin® FlatGUARD+ system is suitable for use in most applications where a greater level security is required, such as inner compounds for utility sites, telecommunication compounds and railway infrastructure.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® FlatGUARD+ 1000	1030mm	5
Lochrin® FlatGUARD+ 1200	1230mm	6
Lochrin® FlatGUARD+ 1800	1830mm	7
Lochrin® FlatGUARD+ 2000	2030mm	7
Lochrin® FlatGUARD+ 2400	2430mm	8
Lochrin® FlatGUARD+ 3000	3030mm	10

### 1890. THE STRONG MAN

William Fraser joined the company initially as Cashier / Bookkeeper but soon proved himself to be a strong man of the firm. Around the same time John Wilson left his job as draughtsman in the drawing office and began working directly for William P.C Bain designing new types of fencing and then the buildings which the Construction Department were making.



### 1908. A PRIVATE COMPANY

The firm was formed into a Private Limited Liability Company with William P.C Bain as Chairman, William Fraser as Managing Director, and John Wilson as Assistant Managing Director.



# LOCHRIN **WaveGUARD™**

**THE LOCHRIN® WAVEGUARD FENCING SYSTEM IS IDEAL FOR USE IN APPLICATIONS WHERE SECURITY IS REQUIRED BUT WITHOUT CREATING AN OBTRUSIVE AND INTIMIDATING BARRIER.**

It is designed to be a strong yet resilient fencing system, it is also capable of blending into its environment and enhancing the surroundings, it is this key feature which proves popular with architects and specifiers alike.

### PANELS

Constructed using twin wire 5mm diameter horizontal wires either side of a 4mm diameter vertical wire welded at each intersection therefore creating a strong and rigid panel.

The 200mm x 50mm mesh spacing coupled with the wave like crimps ensures excellent see through visibility and rigidity.

### POST SYSTEM

Standard posts are manufactured from 60 x 40 x 2.5mm or 80 x 40 x 2.5mm Rolled Hollow Section. All posts include loose clamp fixings, leaving a clean and flush design to the rear face.

### APPLICATIONS

The Lochrin® WaveGUARD system is suitable for use in most applications where general security is required, such as schools, commercial units and hospitals.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® WaveGUARD 1000	1030mm	5
Lochrin® WaveGUARD 1200	1230mm	6
Lochrin® WaveGUARD 1800	1830mm	7
Lochrin® WaveGUARD 2000	2030mm	7
Lochrin® WaveGUARD 2400	2430mm	8
Lochrin® WaveGUARD 3000	3030mm	10



### 1925. ELECTRICITY

The National Grid scheme for the distribution of electricity throughout the United Kingdom was being planned, and the first to be constructed was the Central Scotland scheme. All the transmission line towers for this line were manufactured by William Bain & Co at Lochrin Iron Works in Coatbridge to the design of Milliken Brothers Limited. As far as it is known, this contract was the first of its kind to be carried out in this country.





## LOCHRIN WaveGUARD+™

**THE LOCHRIN® WAVEGUARD+ FENCING SYSTEM IS IDEAL FOR USE IN APPLICATIONS WHERE SECURITY IS REQUIRED BUT WITHOUT CREATING AN OBTRUSIVE AND INTIMIDATING BARRIER.**

It is designed to be a strong yet resilient fencing system, it is also capable of blending into its environment and enhancing the surroundings, it is this key feature which proves popular with architects and specifiers alike.

### PANELS

Constructed using twin wire 8mm diameter horizontal wires either side of a 6mm diameter vertical wire welded at each intersection therefore creating a strong and rigid panel.

The 200mm x 50mm mesh spacing ensures excellent see through visibility.

### POST SYSTEM

Standard posts are manufactured from 60 x 40 x 2.5mm or 80 x 40 x 2.5mm Rolled Hollow Section. All posts include loose clamp fixings, leaving a clean and flush design to the rear face.

### APPLICATIONS

The Lochrin® WaveGUARD+ system is suitable for use in most applications where general security is required, such as schools, commercial units, hospitals etc. to create a general physical barrier.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® WaveGUARD+	1030mm	5
Lochrin® WaveGUARD +	1230mm	6
Lochrin® WaveGUARD +	1830mm	7
Lochrin® WaveGUARD +	2030mm	7
Lochrin® WaveGUARD +	2430mm	8
Lochrin® WaveGUARD +	3030mm	10



### 1939 - 1945. THE WAR EFFORT

Less than 6 months after the Second World War started Lochrin Iron Works were almost completely engaged on Government contracts. The works were camouflaged and completely blacked out. The various departments worked in artificial light all day, which added considerably to the cost of running the Lochrin businesses. The Constructional Department bore the brunt of the war effort, since practically every type of work done there – hangars, buildings, bridges, section of tank landing craft – was essential to the successful prosecution of the conflict.



## LOCHRIN **WeaveGUARD™**

**THE LOCHRIN® WEAVERGUARD IS A LEADING EDGE FENCING SYSTEM DEVELOPED BY OUR IN HOUSE DESIGN TEAM TO HELP SECURE OUR CRITICAL NATIONAL INFRASTRUCTURE.**

WeaveGuard is a tightly woven rigid mesh panel which due to the gaps between the high tensile steel wires being minimal has no footholds and offers a substantial delay to attacks from powered tools when compared to a traditional welded mesh panel.

### PANELS

Weaved together with no welds using high tensile wire ranging from 3mm – 10mm thick Lochrin Bain can manufacture panels to almost any aperture your application requires creating a formidable perimeter barrier.

### POST SYSTEM

Standard posts are manufactured from 120 x 60 x 5mm RHS or 127 x 76 UB. All posts include fixings secured within a counter-bored hole giving no access to the fixings from the attack side of the perimeter ensure the highest security at all times.

### APPLICATIONS

The Lochrin® WeaveGUARD system has been tailored for use on high security projects such as utility sites, MOD sites, telecommunication compounds, data centres and airports.

For more information on Lochrin WeaveGuard please contact us on 01236 457333.

### **1947. BARB WIRE**

The company turned out the first aluminium alloy barbed wire.



### **1950. END OF AN ERA**

1950 – The “Strong” man of Bain’s, William Fraser died in September. His service to the company had extended over a period of 60 years, and he had seen the progress of the business from small beginnings to a big and successful undertaking. Since Mr Bain’s death in 1936, Mr Fraser had been chairman of the company.



## LOCHRIN 358

**THE LOCHRIN® 358 FENCING SYSTEM IS IDEAL FOR USE IN APPLICATIONS WHERE MEDIUM TO HIGH SECURITY IS REQUIRED.**

Lochrin® 358 provides an aesthetically pleasing and discreet fencing system whilst maintaining top end security with the aid of its unique smaller mesh apertures. These apertures make climbing almost impossible as they do not allow finger or toe holds.

### PANELS

Constructed using twin wire 4mm diameter horizontal wires either side of a 4mm diameter vertical wire welded at each intersection therefore creating a strong and rigid panel. The 12.7 x 76.2mm mesh spacing ensures excellent security whilst maintaining visibility through the fence.

### POST SYSTEM

Standard posts are manufactured from 60 x 60 x 2.5mm or 80 x 40 x 2.5mm Rolled Hollow Section. All posts include full length clamp bar fixing kits, leaving a clean and flush design to the rear face.

### APPLICATIONS

The Lochrin® 358 system is suitable for use in most applications where medium to high security is required, such as prisons, commercial units, factories, government buildings, hospitals etc. to create a high security physical barrier.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® 358 1800	1830mm	6
Lochrin® 358 2000	2030mm	7
Lochrin® 358 2400	2430mm	8
Lochrin® 358 3000	3030mm	10

### 1950 - 1988. STEEL FENCING

Little is known about the company during this period although the company did change ownership several times within the Bain family. Towards the middle / end of this period the construction and concrete divisions were closed down as the company became focused on the manufacturing of their patented steel fencing products concentrating predominantly on palisade fencing. The company also had a very successful contract manufacturing sugar cane carriers and exporting these to the Caribbean.

### 1989. ANDREW DICK

Andrew Dick bought the company from Jim Greenhaugh.



## LOCHRIN BallGUARD™

**THE LOCHRIN® BALLGUARD RANGE OF FENCING SYSTEMS IS IDEAL FOR USE IN ALL SINGLE OR MULTI-USE SPORTS APPLICATIONS WHERE A ROBUST AND SECURE BOUNDARY IS REQUIRED TO SUIT SPECIFIC BALL GAMES ENSURING FUNCTIONALITY AND PERIMETER PROTECTION.**

Lochrin® BallGUARD provides an aesthetically pleasing fencing system whilst maintaining performance. Each system can be adapted using our range of additions and accessories such as gates, goal recesses, hockey boards and a sport specific rebound panel.

### PANELS

Constructed using twin wire 8mm diameter horizontal wires either side of a 6mm diameter vertical wire welded at each intersection therefore creating a strong and rigid panel. The 200mm x 50mm

mesh spacing ensures excellent see through visibility. Mesh rebound panels are constructed using our own 'Multi-Mesh'.

### POST SYSTEM

Standard posts are manufactured from 90 x 50 x 5.0mm or 80 x 60 x 5.0mm Rolled Hollow Section. All posts include full length clamp bar fixing kits, leaving a clean and flush design to the face.

### APPLICATIONS

The Lochrin® BallGUARD fencing systems are suitable for use in most sports applications where medium to high security is also required such as multi-use games enclosures in schools, hospitals, community areas, play parks and sporting event locations.

TYPE	PANEL HEIGHT	NO OF CLAMPS PER POST
Lochrin® BallGUARD 3000	Varied	12
Lochrin® BallGUARD 4000	Varied	15
Lochrin® BallGUARD 5000	varied	19

### 1990.

William Bain and Co enters receivership.

### 1991.

Cecil Golightly purchased the company from the receivers. Ian Kerr who was General Manager prior to receivership becomes Managing Director with a 25% shareholding.



### 1992. RIVETLESS CLASSIC PALISADE

Company develops and Patents Rivetless Classic Palisade.



## LOCHRIN FABRICATION

**IN RECENT YEARS LOCHRIN BAIN HAVE INVESTED HEAVILY IN A TEAM OF SKILLED AND FULLY QUALIFIED FABRICATORS AND AS A RESULT HAVE INCREASED STEEL FABRICATION CAPACITY WITHIN OUR FACTORY PREMISES.**

Through the cohesion of our Sales, Design and Manufacturing divisions we have an in depth understanding of a broad range of disciplines which results in a fluent process from inception through to the finished product.

Our combination of skills in steel fabrication, rolling, forming and welding together with a practical working knowledge of a wide range of industrial sectors allows us to provide a full and comprehensive service.

Lochrin Bain's Modern fabrication facility produces various products including;

- RSA (Rolled Steel Angle) Posts
- RHS (Rectangular Hollow Section) Posts
- SHS (Square Hollow Section) Posts
- CHS (Circular Hollow Section) Posts
- Single, Double, Sliding and Automated Gates
- Bollards & Barriers
- Emergency Walkways, Roof Step Over Units and CAT Ladders
- Fall Arrest Systems
- Bridges, Bin Stores, Gas Bottle Stores, Mesh Grills

Since 1879 when the famous Lochrin Dropper was invented and 1925 when Lochrin Bain manufactured the first electricity pylons for the original National Grid UK wide electricity distribution scheme through to the present day manufacturing for the UK's largest Energy companies, Lochrin Bain's skills and experience has gained notoriety within the steel fabrication Industry.



### **1998. IAN KERR**

Ian Kerr buys Cecil Golightly's shares to become owner.

### **2000. CUMBERNAULD**

Company relocates to its current location in Cumbernauld.



### **2004. COMBI PALISADE**

Company develops and Patents Combi Palisade.

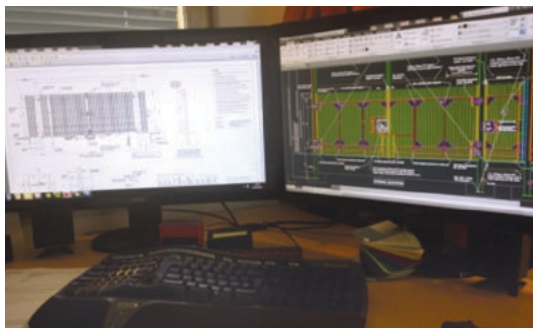
# LOCHRIN

## SURVEY, DESIGN & INSTALL

### SURVEY

Lochrin Bain can undertake a survey of your existing perimeter security measures and using our professional, dedicated in house team of perimeter security experts can advise you on the right level of product for your project, retro fitting products to enhance the system already installed or a bespoke solution to meet your needs, we realise that every project has different challenges and we have the expertise to offer assistance every step of the way.

We are large enough to work with major utility & construction companies but small enough to afford each of our clients the personal touch; it is this approach which we are most proud of.



### DESIGN

At Lochrin Bain we can prepare detailed specifications for your project from Q40 specifications to complete drawing packs detailing every aspect of your perimeter security requirements. We can create a bespoke fencing system designed completely around our client's needs for functionality and performance.

We have been leading the market place for over 150 years with our innovative thinking and continue to push the boundaries to ensure that we continue to deliver the solutions that your project demands.

### INSTALL

Lochrin Bain offers an installation service that you can absolutely rely on. We have a highly skilled and experienced team who will undertake the installation in a professional manner. All of our installers are trained and certificated to standards such as CSCS, NRSW (New Roads and Street Works), SHEA Gas and Electric, Network Rail (PTS etc...) and a full compliment of first aid and Health & Safety Courses.

Our company is built on our long standing reputation for quality, flexibility and attention to detail, but don't take our word for it – read some of our testimonials.



#### 2005. HOME OFFICE ACCREDITATION

William Bain Fencing Limited becomes Home Office accredited for the first time.



#### 2010. H.W MARTIN GROUP

H.W Martin Group purchases William Bain Fencing Limited from Ian Kerr.

#### 2013. NEW PRODUCTS

Company develops range of products for the mesh market, including Flat, Crimped and weaved panel products.

## LOCHRIN TESTIMONIALS

The Lochrin Classic Fence has provided our school with 5 years of trouble-free service compared with others systems that cover the remainder of our of site.

MR P G TIDD WEST  
West Leeds High School

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Staffordshire County Council has recently installed the Lochrin Classic at a number of schools throughout the county, the fence is of high quality as is the sales, manufacture and delivery services.

DAVID KIRK  
Staffordshire County County

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We have used Lochrin Bain fencing for nearly 2 years on several projects. During that time we have found Lochrin Bain very accommodating and prepared to go that extra mile in providing a quality service and product. Lochrin Bain are always available to answer any queries that may arise during both design and construction phases. We have found Lochrin Bain to have an open, positive and proactive approach in every aspect and are constantly striving to improve on their service.

J MURPHY & SONS

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Having worked with Lochrin Bain for many years on various major perimeter security fence projects, I would highly rate the consistent standard of service and quality of product provided by Lochrin Bain.

Lochrin Bain adopts a 'can do' attitude as a key part of its work ethics and I have found the Company to be extremely accommodating in helping the client keep ahead of the security challenges which exist in securing key utility infrastructure.

In cases where particular security fence solutions are required, Lochrin Bain has been receptive and has offered guidance to ensure that the interface between its fencing products and other security products are developed to result in an optimum security solution to meet the client's functional requirements.

I would be pleased to recommend the use of Lochrin Bain and Lochrin Bain fencing products for similar type security installations.

SCOTTISH POWER ENERGY NETWORKS

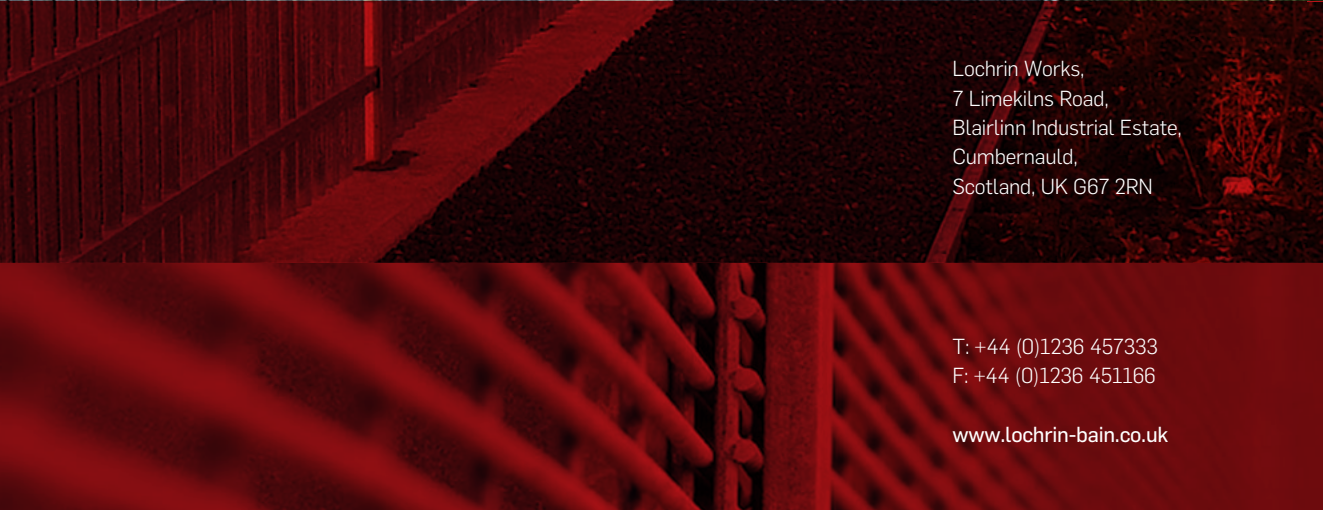
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GROUP OF COMPANIES



WILLIAM BAIN FENCING LTD  
EST 1859