

## Overview Statement:

We offer a nationwide land and marine based service supported by a full design service for both temporary and permanent works. The involvement of design and operational staff produces the most cost-effective solutions that are then installed efficiently by our trained and experienced workforce. Our staff and workforce are focused and experienced at all levels.

Our Management and staff have a variety of civil engineering, geotechnical and specialist backgrounds and offer a completely customer focused approach with the ability to fully understand our clients' needs and expectations from conception through to completion.

We are aware of our corporate and social responsibilities and are committed to delivering the greatest possible local social-economic benefit through each contract we undertake. Our strategy to deliver this commitment is set out in our policy documents. We encourage the re-use of steel piles through our holding of around 3000 tonnes of stock at our yard for projects requiring temporary sheet piles and 'sale and buy-back' options. Steel piles sold through either of these services are used in limited period scenarios. We carry a wide range of trench sheet, sheet piles and steel sections for sale or hire by customers and contractors.

We provide cost effective solutions for all steel piling requirements whilst always maintaining a clear focus on Health, Safety, Sustainability and Quality throughout the design process. In more specialised areas such as environmentally sensitive areas, areas of outstanding natural beauty (AONB), SSSI, Petrochemical, Rail, Highway and Marine/Coastal sectors we can provide designs to suit the criteria demanded by these projects. All designs are completed by experienced designers working to British Standards and Eurocodes.

Having worked on many major infrastructure projects across the UK, Such as Ports and Harbour installations in the Very north of Scotland, Queensferry crossing (Edinburgh), Mersey Gateway Bridge (Main Crossing temporary works 1100m Trestle bridge and 3 In River annulus Cofferdams), Highways England Smart Motorway installations Northern/ Central England, Numerous railway installations East/ West Coast Mainlines, Heathrow Terminals 5 & 2 you can rest assured be confident that we have the necessary in-house skills and experience for your project schemes. SPI Piling Ltd are also the ONLY UK specialist Steel Piling Contractor that has the benefit of a Parent Company, providing substantial benefits when it comes to UK/EU buying power.

Our Project cost range is widely varied and dependant on your specific requirements. SPI Piling regularly undertake works valued between £20k and £4M and have previously undertaken individual contracts valued at £12.75M.

## Sustainability – Just How Sustainable is Steel Piling?

Europe's largest steel sheet pile manufacturers have highlighted that steel piles can be reused between two and ten times without loss of any of their properties. Piles can be extracted from the ground, once they have served their purpose on a project, and can be reused on another site. Should a steel sheet pile have come to the end of its life it is 100% recyclable in an electric arc furnace enabling the material to be transformed into steel products that are of the same or enhanced quality.

ArcelorMittal was the first steel manufacturer to conduct a Life Cycle Assessment of its steel sheet piling products and it has also published an Environmental Product Declaration highlighting how seriously it takes its environmental responsibilities. We are a regular user of ArcelorMittal piles.

## Recycling Sheet Piles Through Hiring and Sale and Buy Back Facilities.

We encourage the re-use of steel piles through our holding of around 3000 tonnes of stock at our yard for projects requiring temporary sheet piles and 'sale and buy-back' options. Steel piles sold through either of these services are used in limited period scenarios. We carry a wide range of trench sheet, sheet piles and steel sections for sale or hire by customers and contractors.

Our inhouse designers make use of this facility to design projects using sections we hold wherever possible to offer the best economic benefit to clients.



## **Statement on Supply, Installation, and Extraction:**

At SPI Piling Ltd, we offer a full supply, install, and extraction service for all types of steel and sheet piling using recognised suppliers or owned stock providing value for money to clients.

We also offer a 'sale and buy-back' option. Steel piles sold through either of these services are used in limited period scenarios. We carry a wide range of trench sheet, steel and sheet piles for customers and contractors to buy or hire. We use either our in-group haulage or external partners to deliver nationwide. All are fully registered to FORS and CLOCS standards.

Sheet piles are suitable in many ground conditions and can be installed using vibratory, vibrationless, or even percussive driving methods. Using our own specialist fleet of Telescopic Leader Rigs, Side Grip Technology, Silent Vibrationless and crane suspended equipment we offer installation and extraction in all sectors and applications for clients.

## **About SPI Piling Ltd.**

Founded in 1999, as Steel Pile Installations Limited, SPI started out with their first ever ABI Telescopic Leader Rig "Zeppelin". German built, the rig arrived in the UK and underwent a major overhaul to conform to UK construction industry requirements. It was delivered ready to work re-liveried in the colours we retain to this day.

This initial investment has continued ensuring that we maintain a modern and comprehensive fleet of driven piling plant and equipment. A E Yates Limited acquired SPI Piling in 2006 and enabled the company to grow. The acquisition of Appleton Piling in 2012 contributed to further sustainable growth. This all helped in establishing SPI Piling as a market leader in the steel piling sector.

Corporate Social Responsibility:

We are aware of our corporate and social responsibilities and are committed to delivering the greatest possible local social-economic benefit through each contract we undertake. Our strategy to deliver this commitment is set out in our policy document. The policy is interlinked with other company policies that encompass CSR, namely:

- **Sustainability Policy**
- **Training Policy**
- **Diversity & Equal Opportunities Policy**

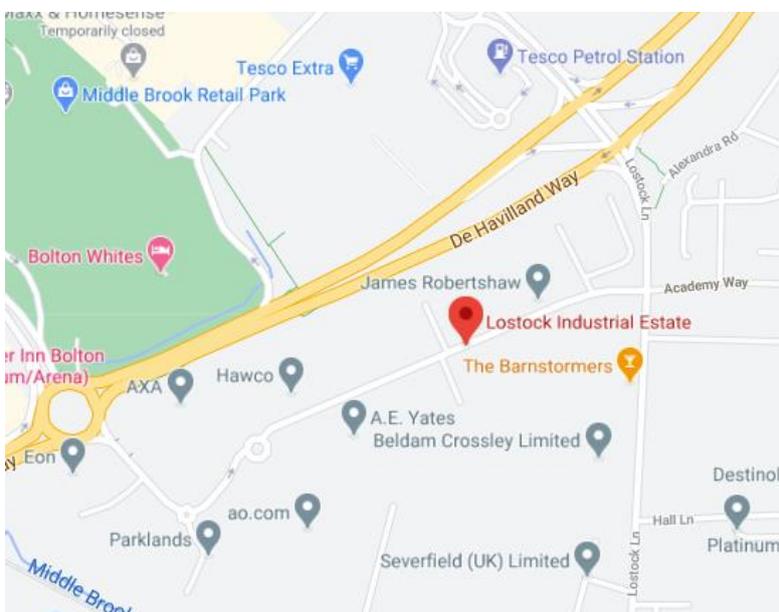
## CONTACT DETAILS

**HEAD OFFICE**  
**SPI Piling Ltd**  
**Unit 6B**  
**Cranfield Road**  
**Lostock Industrial Estate**  
**Bolton**  
**Lancashire**  
**BL6 4SB**

**T: 0845 450 7475**

**E: [info@spi.co.uk](mailto:info@spi.co.uk)**

**W: [www.spi.co.uk](http://www.spi.co.uk)**



## DIRECTIONS

**From the M61 - Exit at Junction 6 and take the A6027 De Havilland Way towards the University of Bolton Stadium. Take the second exit at the roundabout and continue on DeHavilland Way. Take the right filter lane in 200m to the traffic lights. Turn right at the lights onto Lostock Lane. Turn right at the next set of traffic lights onto Cranfield Road. We are around 300m down on the right.**

From the A673 Chorley New Road - Turn onto the A6027 at the Beehive Roundabout and take the left at the first set of traffic lights Lostock Lane. Turn right at the next set of traffic lights onto Cranfield Road. We are around 300m down on the right.

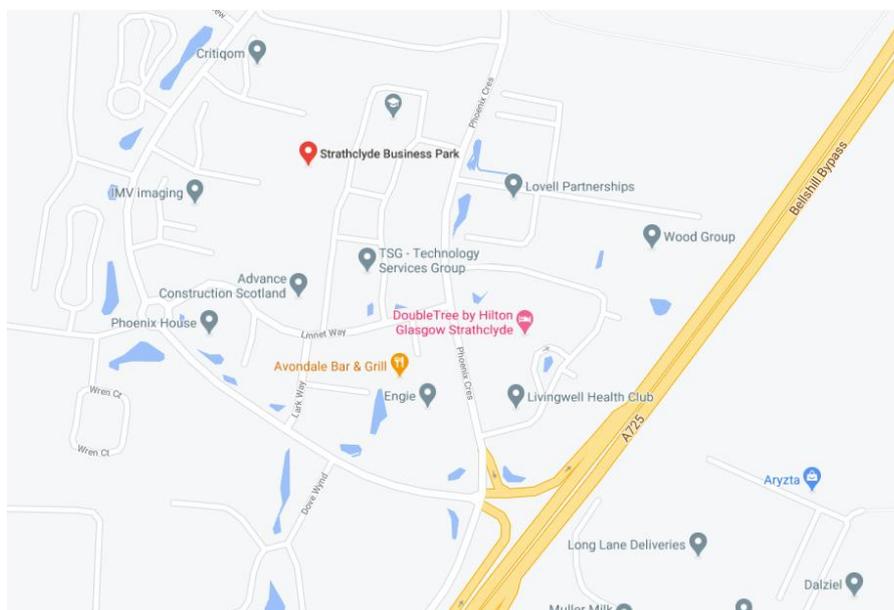
## CONTACT DETAILS

**SPI McGrattan** is the trading name for SPI Piling in Scotland  
**SCOTTISH OFFICE (SPI MCGRATTAN)**

Suite 1/1 Willow House  
Kestrel View  
Strathclyde Business Park  
Bellshill  
North Lanarkshire  
ML4 3PB

T: 01698 464060

E: mcgrattan@spi.co.uk



## DIRECTIONS

From M8 - take the A725 Bellshill Bypass south at Junction 7. Take the first exit for Bellshill Industrial Estate/Righead Industrial Estate and the third exit at the roundabout to cross over the A725. At the next roundabout take the third exit onto Phoenix Crescent. At the traffic lights turn left. At the roundabout take the second exit and then take the third left onto Kestrel View. Willow House is 50m ahead.

From M74 - take the A725 Bellshill Bypass North at Junction 5. Take the Bellshill Industrial Estate/Righead Industrial Estate exit. At the roundabout take the second exit onto Phoenix Crescent. At the traffic lights turn left. At the roundabout take the second exit and then take the third left onto Kestrel View. Willow House is 50m ahead.

## Leader Rig Installation:

SPI Piling Limited, own and operate a comprehensive fleet of modern Telescopic Leader Rigs, which can be fitted with a range of attachments to ensure that optimum performance and safety is achieved during sheet pile installation and extraction.

The multi-functional Telescopic Leader Mast provides support for all attachments required for sheet pile driving, extracting, augering and static sheet pile pressing operations. This eliminates the requirement for traditional temporary works. In addition, the rigs have very short set up times (less than 30 mins from transport to operation configuration), and the tracked carrier system offers high mobility on all construction sites.

State of the art VV Technology and variable moment hammers ensure that vibration oscillations are reduced to a minimum. Consequently, a considerable reduction in vibration is achieved during pile installation and extraction.



ABI TM 20 Telescopic Leader Rig



ABI TM 14/17 Telescopic Leader Rig



ABI TM 13/16SL Telescopic Leader Rig

## Silent & Vibration Free Piling:

The TOSA silent vibration free pile press enables piles to be installed and extracted in sensitive locations. Compact in size they are also ideally suited to height restricted sites such as inside buildings or under bridges. They hydraulically press piles into most soil types although, depending on ground stiffness/density, pre-augering or water jetting is sometimes required.

Following the installation of the first three piles from a reaction stand, the press travels along the installed piles using the reactionary force to press the next pile in (instead of using a hammering or vibratory action) creating very little noise or vibration. It is a self-travelling machine and does not need other machinery to assist it – apart from a crane that lifts the pile into the chuck of the pile press.

This installation methodology is common in densely built-up areas where basement construction is part of the wider construction project.

Hydraulic press attachments are also available for our Leader Rigs allowing greater outputs by installing piles in panels of four with no vibration.



## Excavator Side Grip installation:

The Side Grip Hammer is attached to the end of the dipper arm of a 360° excavator (20te – 38te dependent on the unit being used). These units can be rotated vertically and horizontally offering high speed versatility in the correct applications.

The Side Grip hammer can grip each pile from the side and drive the pile into the ground meaning these machines can be ideal in height constrained situations. The hammer can also drive tubular piles and posts and into embankments.

The base machines can handle piles up to 12m long (longer piles may require additional plant in support or other considerations).

The Side Grip vibratory hammers are available in a range of sizes to suit various sizes of excavators.

Pile accuracy is monitored via electronic instrumentation in the driver's cab. Side Grip technology offers optimised operation producing higher productivity and significant savings.

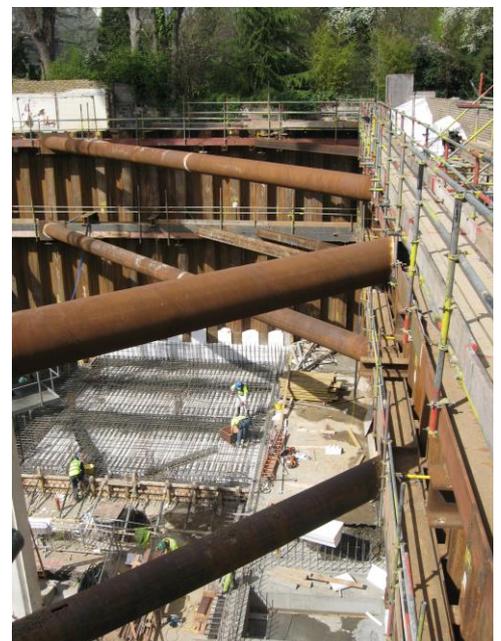
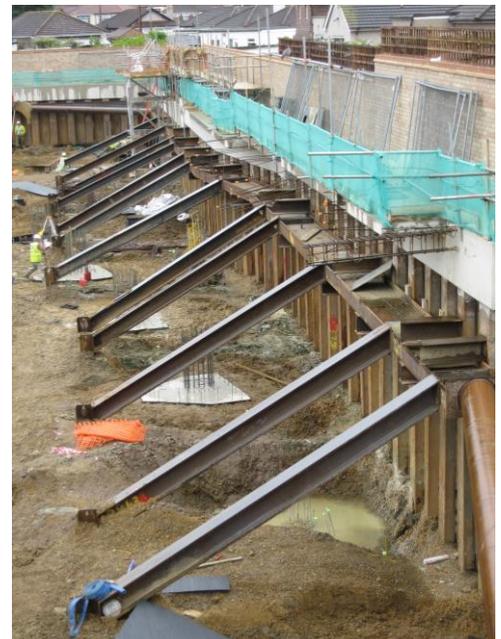


## Steel Propping:

Using various types of welding techniques our welders fabricate welded framing to support cofferdams, access jetties and other structures for both permanent and temporary requirements.

SPI Piling Limited, encourage the re-use of steel, holding circa 1000 tonnes of steel section stock at our yard for projects requiring temporary steel propping sections with a 'sale and buy-back' option. Steel sections sold through these services are used in temporary scenarios and we carry a wide range of sections for customers and contractors to buy or hire.

A Variety of bespoke temporary propping can be designed, fabricated and installed to any installation.

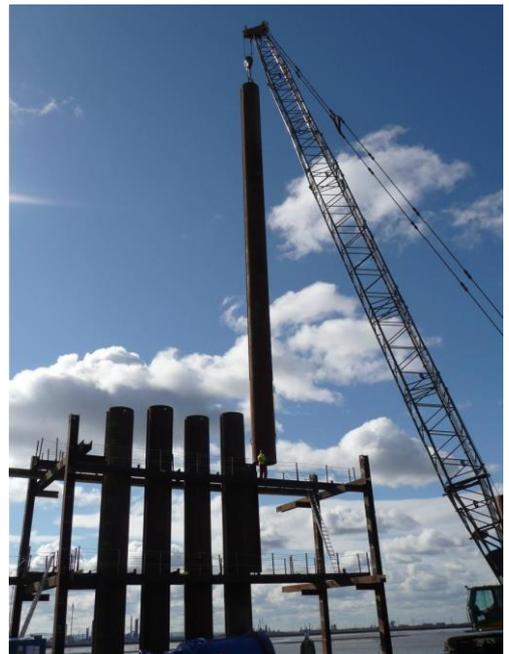
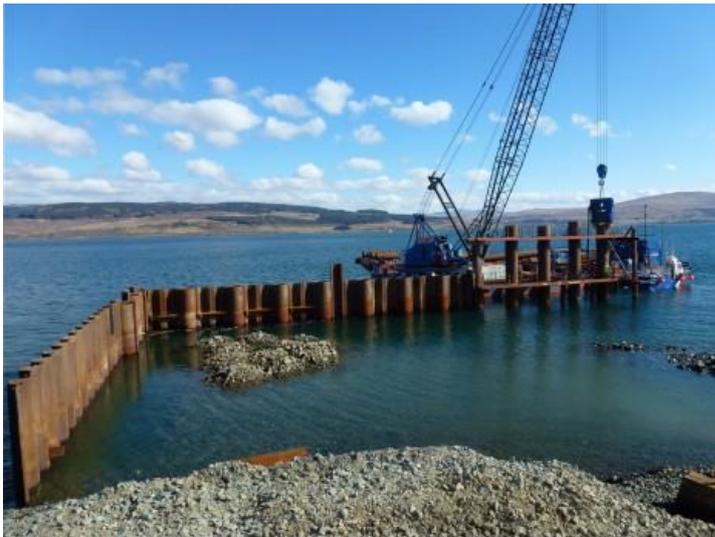


## Conventional Installations:

SPI Piling Ltd are renowned for their expertise, working adjacent, or over water, for Heavy Marine Installations, or for temporary works for large scale highways/ network rail infrastructure requiring conventional installations.

Conventional installation permits the installation of steel piles in areas with difficult land access, or where platforms cannot be provided directly adjacent to the position of the piles being installed. This method is adopted where all modern methods of plant and equipment are unable to service the installation and involves careful planning and the use of large cranes, and crane suspended piling equipment.

Well-equipped from our own stocks we are well placed in the Market to provide this offering to all our clients where required, providing all the temporary materials and propping to enable this type of installation.



## Design:

SPI Piling Limited, employ a specialist in house design team of Civil Engineers and Designers who can help you and your project from conception through construction to completion ensuring each project meets your requirements.

We use industry standard design software packages to complete your designs. We provide cost effective solutions for all steel piling requirements whilst always maintaining a clear focus on Health, Safety, Sustainability and Quality throughout the design process.

In more specialised areas such as environmentally sensitive areas, areas of outstanding natural beauty (AONB), SSSI, Petrochemical, Rail, Highway and Marine/Coastal sectors we can provide designs to suit the criteria demanded by these projects.

All designs are completed by experienced designers working to British Standards and EuroCodes



## Work Equipment and Sector Gallery:



**Basement Installation:**



**Intumescent Paint Coatings, Additional Fire rated Protections**

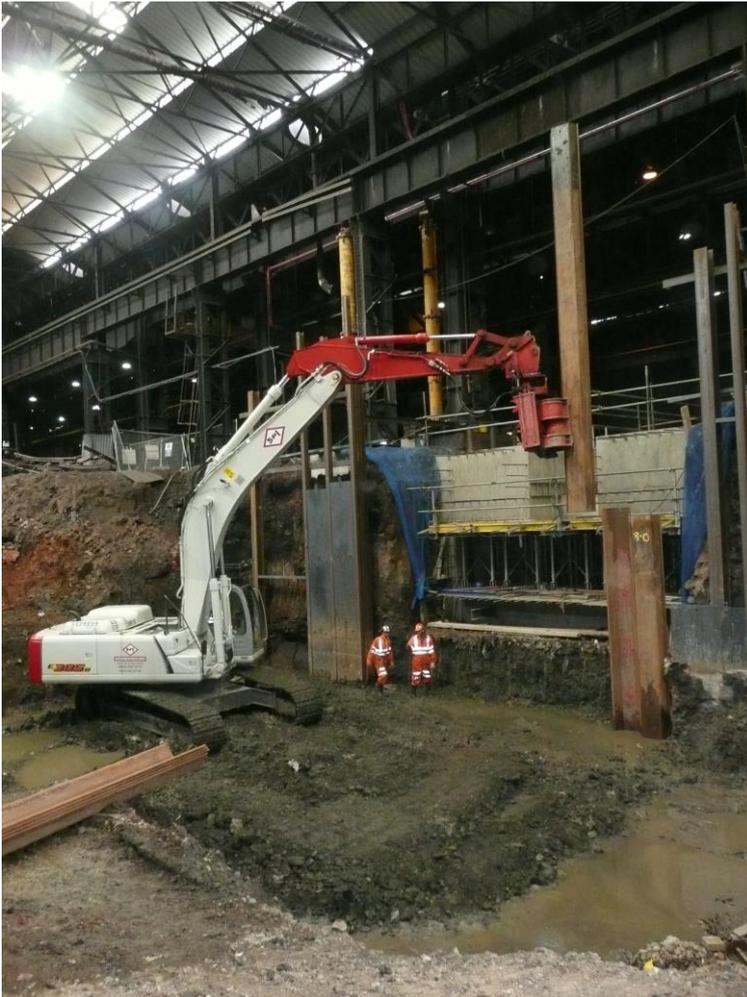


**Clutch Welding, watertight structural seal to sheet pile clutches**



**Shot Blasted and Painted F Piles in situ**

## Restriction Access / Low Headroom:



**Restricted Headroom Installation, Network Rail Possession Working**



**Temporary Works Installations in restricted access below M60 Motorway**



**Restricted Access and Restricted Headroom installations, on Major Infrastructure Assets**



**Restricted Headroom Working with existing Structure.**

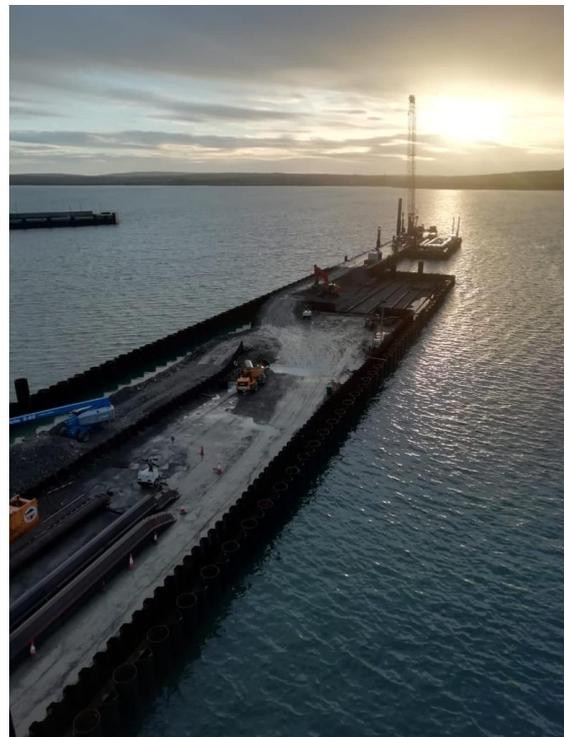
## Marine Installations:



**Temporary Works Installations Utilising Uniflote Pontoons to enable access.**



**Combi Wall Installation within existing Harbour**



**New Pier Installation**

## Coastal Installation:



**Temporary Works Installation for crane Platforms in Coastal Environments.**



**Temporary Works Cofferdam Installations in coastal environments.**



**SPI PILING**  
A E YATES GROUP



**SPI McGRATTAN**  
A E YATES GROUP



**SPI PILING**  
A E YATES GROUP

# Piling Contractor of Choice



**SPI PILING**  
A E YATES GROUP



**SPI McGRATTAN**  
A E YATES GROUP



**SPI PILING**  
A E YATES GROUP

## Key Contacts



**Managing Director**  
**Alan Smith**



**Operations Director**  
**Richard Mercer**



**Commercial Director**  
**Glenn Millership**



**General Manager**  
**Scotland**  
**Dave Gardner**