

# Stafford Western Access

## Scheme Plan

The Stafford Western Access Route is an essential part of Stafford's ambitious growth plans. It will enable future development contained in the borough's local plan – notably the delivery of thousands of new homes and business, office and retail space. It will also reduce congestion in the town centre, particularly around the railway station.

The road will link the A34 Foregate Street at Madford Retail Park to the A518 Newport Road Castlefields junction. It will help improve traffic flow in Gaol Square, Newport Road (east of Kingsway), Station Road,

Chell Road, A34 Foregate Street (south of the scheme) and Doxey Road.

In addition the scheme will see improved conditions for bus services, pedestrians and cyclists.

There will also be environmental benefits through the redevelopment of areas of derelict land and the introduction of landscaping to ensure that the road blends in unobtrusively.

The route was chosen following extensive public consultation because it delivers the maximum benefits.



Stafford Western Access Route is a 1.2km single carriageway road, with a three-metre shared footway/cycleway, linking A518 Newport Road with A34 Foregate Street together with:

- Traffic signal-controlled junctions at Foregate Street and Madford Retail Park
- A new viaduct and embankment between Greyfriars Place and Doxey Road crossing the River Sow
- Roundabouts along Doxey Road adjacent Doxey Road Car Park and Saint Gobain
- Modification to the existing roundabout at Martin Drive/Rose Hill
- Improved pedestrian and cycle crossing facilities along the route

You can keep up to date with the development online at:

**[www.staffordshire.gov.uk](http://www.staffordshire.gov.uk)**



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## Piling Methods and Proposals

We'll be installing 1,580 piles as part of the construction of the viaduct between Greyfriars Place and Doxey Road between July 2019 and spring 2020. A combination of pre-cast concrete driven piles and bored displacement piles are to be used.

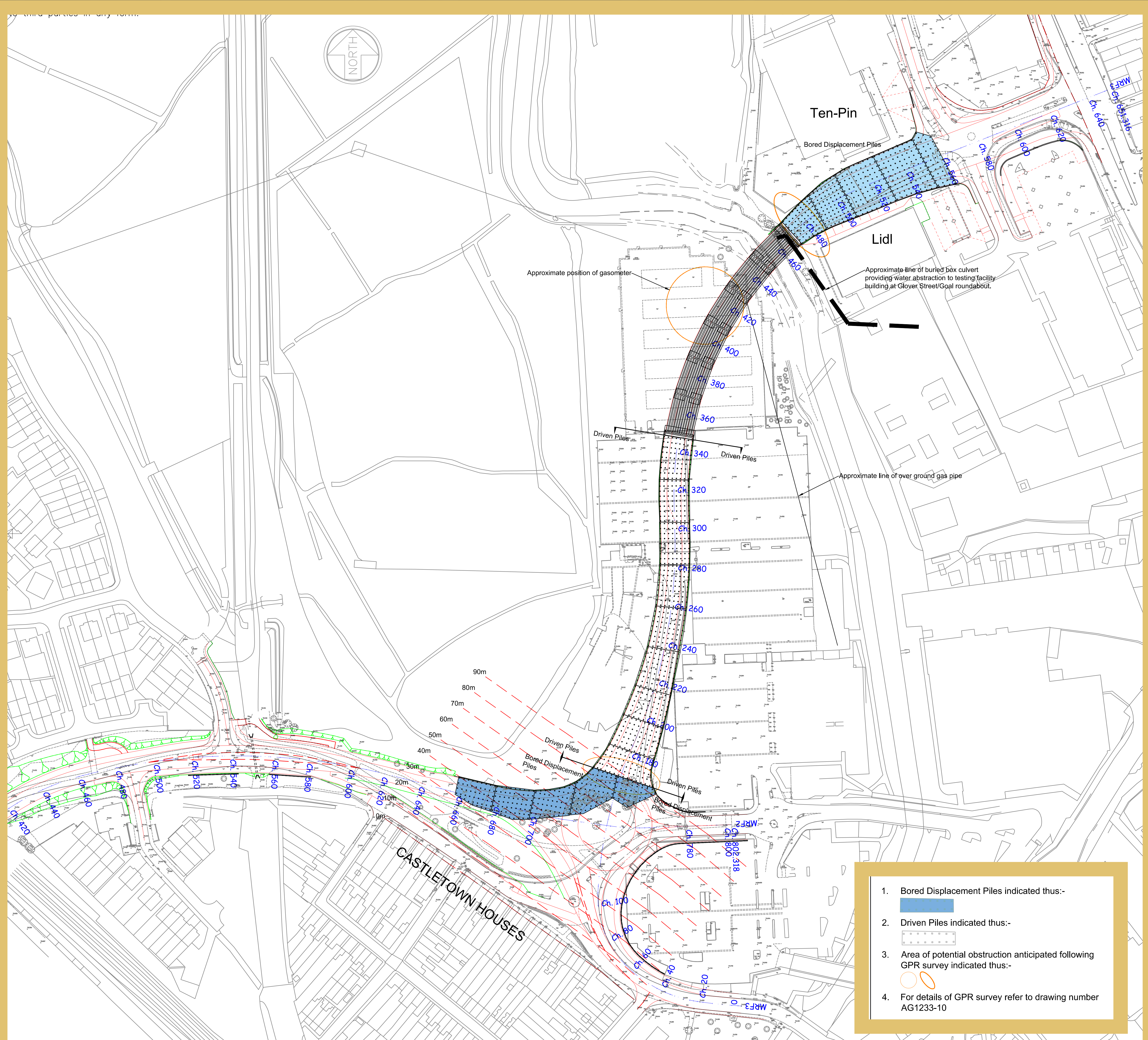
### Pre-cast Driven Piling

- Pre-cast concrete pile sections delivered to site
- Sections installed by percussive means and existing ground is displaced

### Bored Displacement Piling

- Concrete delivered to site in mixers
- Pile is augered (screwed) and concrete is poured 'wet' to form the pile

## Proposed pile locations between Castletown and Madford Retail Park



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Bored piling works take place on harder ground, while concrete driven piles are used where peat layers are of significant depth and thickness.

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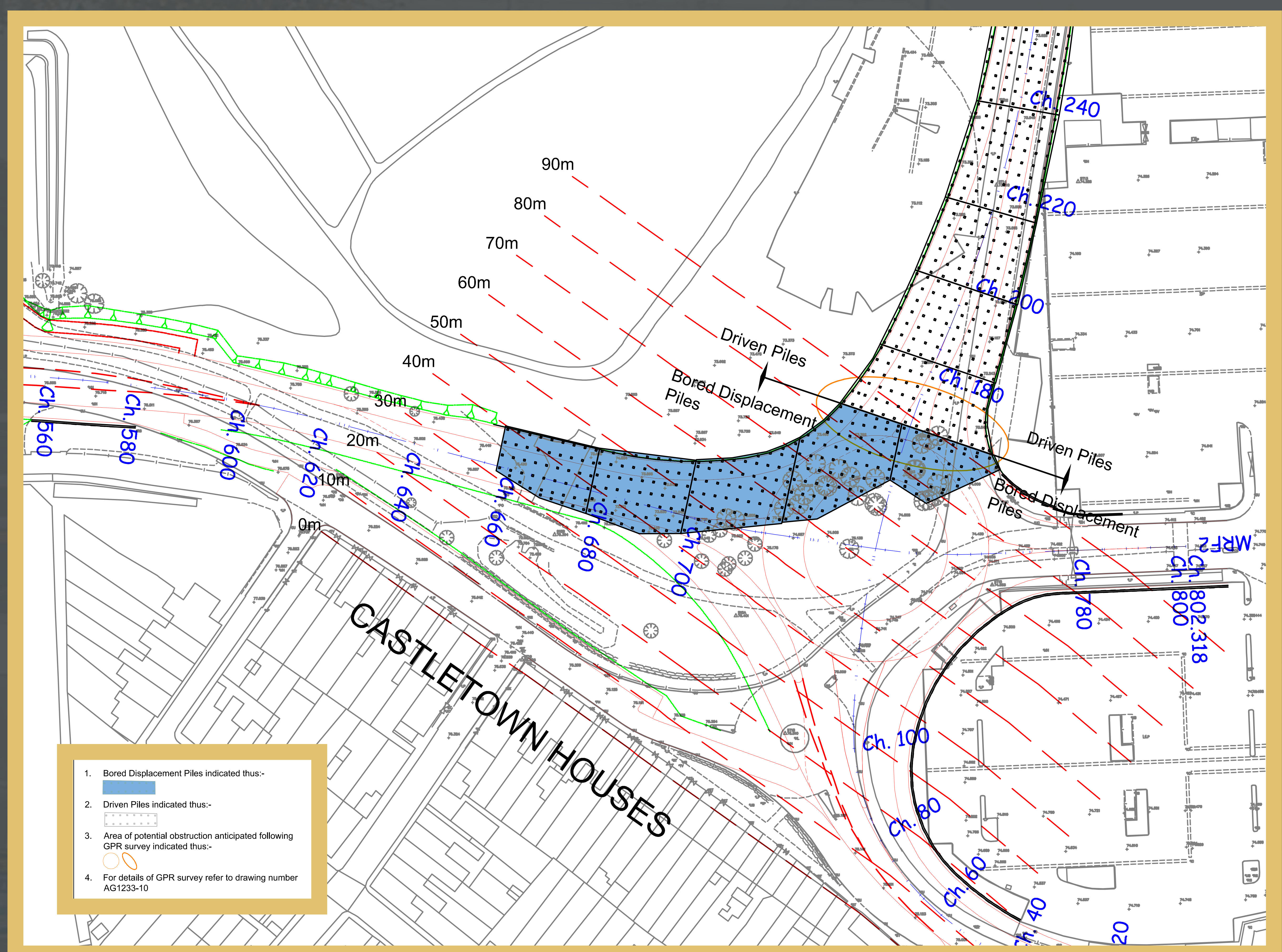




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## Piling Methods and Proposals

### Proposed Pile locations adjacent Castletown



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### Piling works – control and mitigation

To reduce the environmental impact the following control and mitigation measures have been included within the contract:

- Physical piling works only permitted between the hours of 08:00 – 18:00 Monday to Friday
- Physical piling works only permitted between the hours of 08:00 – 13:00 on a Saturday
- No piling works to be undertaken on Sundays or Bank Holidays
- No piling works undertaken during night time
- Noise and vibration monitoring will be undertaken during construction to ensure compliance in liaison with Stafford Borough Council Environmental Health Officers
- Use of pile jacket and blow softener during installation of driven piles

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## Visualisations along the route

Madford Park



Castletown



Timberfields



Saint Gobain Site



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