**MARKET SECTOR:**
Temporary Works

**LOCATION:**
Wheathampstead,
St.Albans, AL4 8H

**CONTRACTOR:**
Arthur Civil Engineering Ltd.

**MERCHANT:**
Jewson/ Keyline

## Case

# STUDY

**STRATAWEB**
Wheathampstead
Access to piling rigs

## The

# BACKGROUND

**Arthur Civil engineering contacted Geosynthetics Ltd as they needed to construct access to piling rigs for future works.**

However, due to site constraints at their project in St Albans, the top soil could not be stripped due to underground utilities.

## Our Client's

# REQUIREMENTS

A sustainable solution to construct access to piling rigs for future works.

**Arthur Civil engineering needed a sustainable solution that would eliminate the need to strip away the existing top soil and vegetation as well as save costs on removal and time spent on site due to being a temporary application.**

For this solution Geosynthetics Ltd would need to consider the archeologically concerns which made it preferable not to dig.

**APPROXIMATELY**
**1/2 A DAY**
**LABOUR SAVED**

**UP TO**
**40%**
**SAVING ON AGGREGATE**

**TOTAL AREA**
**2,500M²**

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**www.geosyn.co.uk**

## Our Value Engineered

# SOLUTION

**The introduction of Strataweb 200mm was recommended due to its load bearing capabilities and characteristics.**

The internal walls of the cells are perforated and when combined with the 4-20mm clean angular stone, this enables free movement of water to encourage lateral drainage.

The textured cell walls increase frictional interlock strengthening the system's structural performance.

The Strataweb 200mm system creates a stable, load bearing sub-base for loads up to 60 tonnes of gross vehicle weight, dispersing loads laterally, minimising compaction in the sub-soils.

Strataweb is used for load distribution over services, weak soils and areas of poor drainage and has a simple installation process, therefore, reducing time on site.

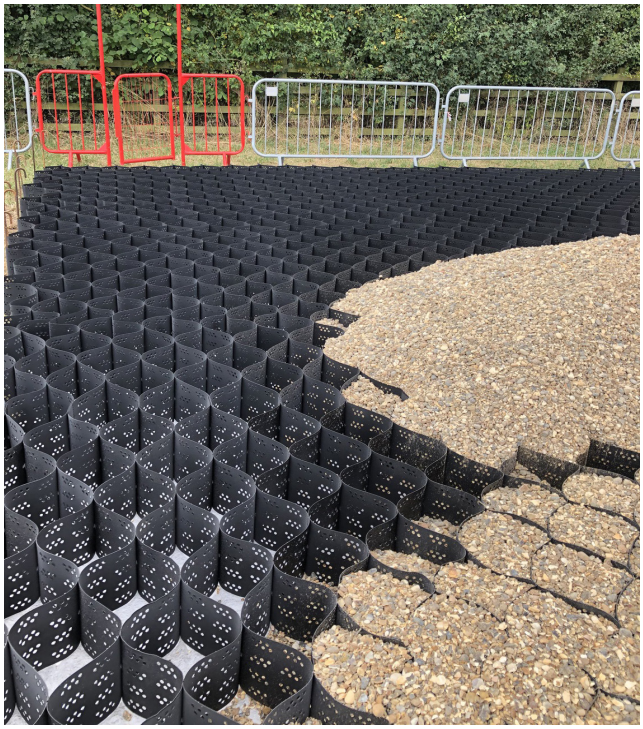
This system provides a cost-effective solution and can be used as a permanent or temporary solution.

We were also able to offer onsite support with a member of our technical team to help and advise on installation and clarify the specification of the stone.

Prime aggregates were used to fill the cells due to contamination concerns from recycled sources.

**"Thank you for taking the time to come and visit the site and support the team. This solution was simple to install and will allow access to piling rigs for future works."**

**AIME RILEY**
**Buyer**
Arthur Civil engineering



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