



# Engineering that brings design to life

Award-winning Consulting Structural & Civil Engineers

Civils - Infrastructure





## Project Overview

JMS Engineers is proud to have played a pivotal role in the development of the Port One Logistics Park, a state-of-the-art 56-acre business and logistics hub in Great Blakenham, Suffolk. The site, which benefits from its strategic location on the A14 and Freeport East status, presented challenges including a 27m level difference and varying ground condition.

To optimise the site, terracing was employed to minimise imported fill material, with cut-and-fill techniques ensuring stability and efficiency. Surface and foul water drainage systems were designed to incorporate infiltration features tailored to the site's diverse ground strata. Concrete foundation pads supported steel frame warehouses, ensuring structural integrity for the park's operational demands. Additional works included pavement design and external levels, seamlessly integrating the development with its operational requirements.

**Project Type:** Industrial

**Project Category:** Industrial

**Architect:**

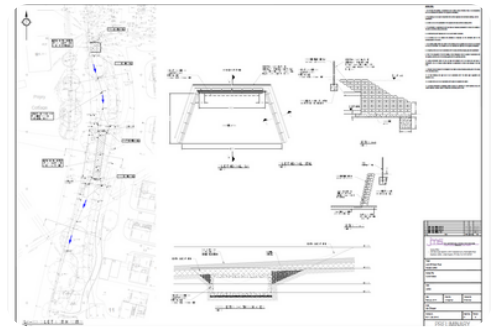
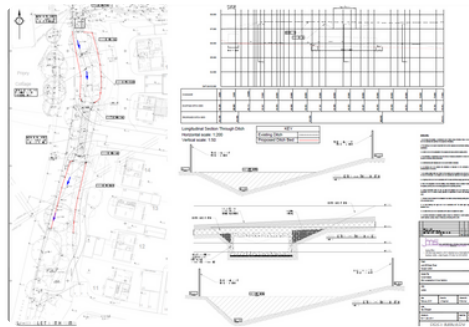
**Partners:** Trinity Construction Limited

Drainage

Pavement  
Design

External  
Levels





## Project Overview

JMS Engineers were commissioned to provide civil engineering services for a new housing development in Woolpit. The project involved designing and constructing a new site access under a Section 278 Agreement, seamlessly incorporating a culverted watercourse. JMS collaborated closely with key authorities, including the Highway Authority and Lead Local Flood Authority, to navigate regulatory requirements and ensure compliance.

- Provided new site access with works carried out under S278 Agreement.
- New access to incorporate culverted watercourse.
- Liaison with all relevant authorities including Highway Authority and LLFA.
- Submission of all relevant applications to obtain consent for works.

**Project Type:** Infrastructure

**Project Category:** Culverted Watercourse - Site Access

**Architect:**

**Partners:**

Culverted  
Watercourse

Site Access- S278  
Agreement





## Project Overview

JMS Engineers were tasked with designing 5m high silage clamp walls and an associated drainage system for an extension at Severn Trent's Green Power Stoke Bardolph Crop AD Facility near Nottingham.

The project required careful consideration of both engineering and environmental factors, particularly the management of silage runoff, a hazardous material vital for green power generation.

JMS worked closely with Reading Agricultural Consultants to ensure compliance with SSAFO (Silage, Slurry, and Agricultural Fuel Oil) regulations. Special attention was given to the construction and detailing of the walls to meet all criteria.

**Project Type:** Infrastructure

**Project Category:** Industrial

**Architect:**

**Partners:** Reading Agricultural Consultants,  
Severn Trent

Silage Clamp  
Walls

Drainage

Structural  
Calculations



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