

# Ambulance Station - Beverley



**Project:**

New Ambulance Station

**Location:**

Beverley – East Yorkshire

**Client:**

Shirethorn Limited

**Architect:**

ESA

**Consulting Engineer:**

Alan Wood & Partners

**Project Value:**

£2 million



## Description:

An ambulance station was required on the northern outskirts of Beverley to replace the ageing and outdated station in a traffic congested area of Beverley.

Alan Wood and Partners were responsible for the steelwork, foundations, floor slabs, external Civil engineering works and masonry design.

The station was constructed on a green field site and hence care was taken by the whole design team to produce a scheme sympathetic to the surroundings.

Due to the potential risk of flooding from an adjacent stream, the structure was

constructed on a varying build up of engineered fill.

Alan Wood & Partners designed the foundations and sequence of construction to take account of the complication.

The drainage design included attenuation to avoid exacerbating the flood risk and a cut off dyke was constructed around the external boundary to intercept overland flows from the large agricultural catchment. Care was required with the design of the structural steelwork to ensure the required flowing curve of the roof could be practically achieved.