04 Informing the Design

4.1 Topographical Study and Contours Plan

4.1.1 Topographical Study

A topographical survey was prepared by Survey Operations and is shown in Figure 04-1. This shows ground levels across the main site generally range from 65.26m Above Ordnance Datum (AOD) to 94.5mAOD.

The highest ground levels are at the northern extents of the site with ground levels sloping in a southerly direction.

The lowest ground levels are in the southern part of the site, near the River Dee.

4.1.2 Contours Plan

A contours map was produced based on the topographical survey data and this is shown in Figure 04-2.

As well as the red line boundary it shows minor contour lines at 0.25m intervals and major contours for each metre are shown in bold and labelled.

4.1.3 Working with the existing landscape

The proposals have been designed in order to minimise cut and fill based on a careful analysis of the topography, and working with the existing contouring where at all possible in order to minimise the disturbance of the existing landscape, working within the constraints of the Scheduled Ancient Monument and associated archaeology.



Figure 04-1: Topographical Survey prepared by Survey Operations

Scale as shown

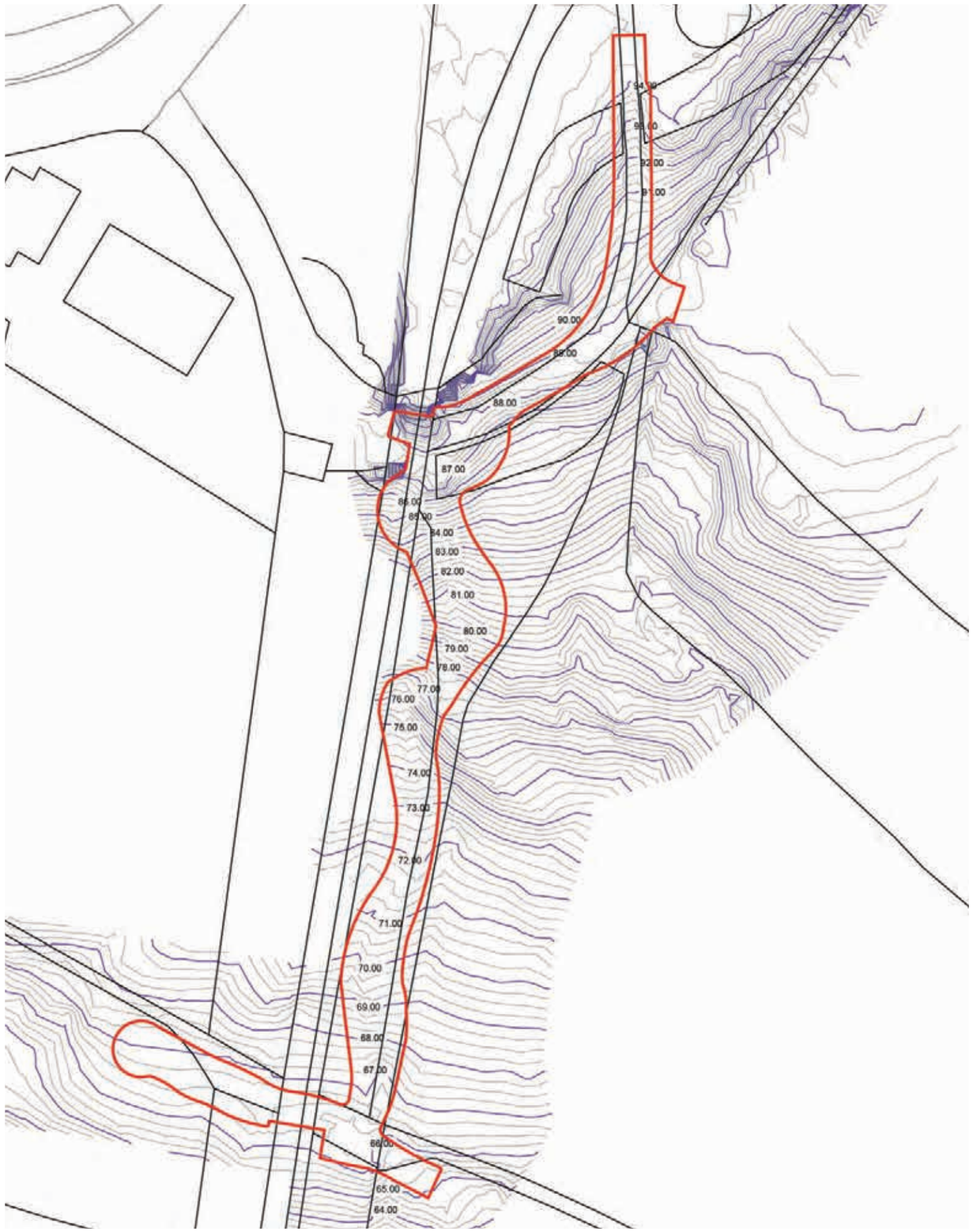


Figure 04-2: Contours

Scale 1:500 @ A4