



Alan Auld
ENGINEERING

Project Data Sheet - Harrods Goods Tunnel

This project was for the construction of a 5m diameter concrete tunnel and a 7m diameter cast iron goods handling chamber connecting to lift shaft underneath the main retail premises. Both the tunnel and chamber utilised segmental linings.

Alan Auld Group involvement included planning the construction sequencing and methodology, as well as the engineering design of the temporary works necessary to construct the tunnel. The temporary works included a temporary steel framed access heading, a 3.05m internal diameter pilot tunnel, and the development of a mobile ring erection system to erect the 5m tunnel segments. Further to these works, the Alan Auld Group provided a management team to run the project. Despite the great logistical and operational challenges of carrying out a major tunnel project within the boundaries of a major London store, the project was completed on time, within budget and without incident.

