



## Case Study

# Lead Designer of a new Military Working Dogs Facility



### OBJECTIVES

Our MOD client had a requirement to design a Military Working Dog (MWD) Training Area. The site required a safe and secure area for the MWD who are trained to chase and apprehend an intruder with or without a command.

### SOLUTIONS

The HS Infra team worked closely with the client and the RAF Police Dog Section to ensure that all requirements were captured. This incorporated an all-weather surface and grassed compound area surrounded by a compliant fence measuring 150m x 40m. The site would be supplied with power thus enabling 24hr working and a fresh water supply to facilitate cleaning. The design team incorporated topographical & utility surveys, site investigation, ecological and stakeholder liaison. An additional requirement included the assistance of UXO engineers to support the task. The project presented several challenges one of which was the location of the construction area. It was imperative that the materials used did not interfere with transmitter signals that could ultimately affect air safety. This required close cooperation with the Senior Air Traffic Controller (SATCO).

### BENEFITS

HS Infra delivered a comprehensive design to the complete satisfaction of the client that was compliant to MOD JSP 850 Part 2 BPS Dog Section Accommodation and to the Ground Radio Interference Operating Authority.

### AT A GLANCE

- Design consultancy services to RIBA stage 4
- Full suite of surveys
- Unexploded ordnance to factor in
- Underground obstacles to factor in
- JSP 850 compliance
- Close liaison with Air Traffic Control for safety
- Use of AutoCAD and REVIT to develop design



"Another interesting project that threw up some challenging issues.

We worked through these issues with close liaison with the client to deliver another compliant design."

HS Infra Project Manager