

Robin Hood Airport and Business Park

Client: Peel Holdings

Location: Doncaster

Value: £9.5m

Duration: 19 Months



Barhale were contracted to upgrade the existing site infrastructure and services at Robin Hood Airport and Business Park



Construction of two new sections of road adjacent to terminal building

In Brief...

Robin Hood Airport and the adjoining business park was developed from the former RAF Finningley in South Yorkshire. Barhale were contracted to upgrade the existing site infrastructure and services, separate and airside to open up areas for further development, creating a 62 acre Business and Technology Park of predominantly B1 aircraft use.

As well as being adjacent to a civil airport, the business park is also bounded by residential areas and farmland. Barhale worked closely with Peel and the design team to achieve the optimum programme.

Customer Benefits...

- The works at the new airport and Business Park were completed on time and within budget
- Site material was recycled and used as capping layer when constructing the roads, making significant savings on disposal and import costs
- Barhale crushed all of the demolished material to generate a suitable and certified engineering fill. Consequently 97% of the waste from the scheme was reused either on site or elsewhere in the local community
- The mature trees on the former air base were protected throughout the works
- Worked with the local residents and farmer to keep them informed of the work and impact upon themselves

Technical Features...

The works were split into four phases to meet the client's requirements:

Phase 1

Construction of approximately 600m of 150mm diameter drainage and sewer abandonment's. Installation of approximately 150m of water main, LV and HV services.

Phase 2

Installation of water, gas, electricity and foul water sewers to the new business park adjacent to Robin Hood Airport.

Phase 3

Construction of 3nr pile caps to facilitate future lift installation. Includes break out of existing concrete slab, formwork, rebar and concrete placement. All works were "airside".

Phase 4

Demolition of existing buildings on site and construction of two new sections of road adjacent to the terminal building associated drainage and services installation.