

SITE LAYOUT AND INFRASTRUCTURE DESIGN



Whatever type of development or facility is being planned, getting the site layout right is essential for its safe and efficient operation. We have huge experience in the design of operational layouts for a wide range of developments across the infrastructure, land and property and waste and resource management sectors.

We understand the need to take fully into account the in-service requirements of the facility at an early stage in the design process. Whether it's integrating site wide processes or allowing for safe vehicular access around a site, we will ensure that your site layout is fit for purpose. We liaise closely with client operational teams and any relevant external stakeholders, including planning authorities, highways authorities and the Environment Agency, to ensure that the site layout is optimised and will operate exactly as planned.

A detailed understanding of the site layout is especially important on developments that are to be delivered in multiple phases. Our team will work to make sure that all necessary layout issues are properly addressed on a phase by phase basis but, equally importantly, that the overall site layout functions correctly.

OUR ENGINEERS ARE EXPERIENCED IN THE DESIGN AND DEVELOPMENT OF:

- Site constraints plans
- Utility infrastructure layout
- Surface water drainage layout
- Traffic routing and vehicular swept path
- Building and process layout
- Front of site layout and integration with off site highways
- Routing of safe pedestrian walkways
- Access and egress for emergency vehicles
- Site layout design to meet planning requirements and sensitive neighbouring land uses

We work with client teams of planners, contractors and architects to deliver safe, efficient site layouts that function as expected across the lifetime of the facility or asset.

