

Say hello to our new design team

A specialist contractor for the rail industry, now
with an in-house design team

OnSite Rail Design

Based in Central London, OnSite Rail's in-house design team has significant knowledge and experience of working in both the light and heavy sectors of the rail industry for clients such as Network Rail and London Underground/Transport for London (TfL). This includes:

- initial project scoping and development
- surveys – topographic, GPR/buried services, geotechnical etc.
- various assured design GRIP stages
- providing AFC and as-built drawings on completion



- Drainage and hydraulics ○
- Facilities and asset maintenance ○
- Topographic and utilities surveys ○
- Project management ○
- CAD services ○

About OnSite Rail

As a specialist contractor, OnSite Rail's in-depth understanding of the sector and the challenges it faces enables us to minimise disruption and delays, whilst delivering high quality services that are built on a solid foundation of health and safety best practice.

We are RISQS accredited and have extensive project management capabilities centered on a range of services that include high pressure jetting, CCTV surveying, UV and hot cure pipe lining, drainage installation, civil engineering services, vegetation management and rehabilitation of drainage and structures using both open cut and trenchless technologies.

Operating nationally, OnSite Rail works with Network Rail, HS2 and TfL, as well as for a number of the UK's leading tier one rail contractors. Our teams are active across the complete range of on and off-track rail infrastructure, including stations and depots, tunnels, culverts, bridges and embankments.



Drainage and hydraulics

Services for new or existing pumped and gravity foul and surface water drainage as well as the mitigation and management of flooding and ingress and hydraulic studies, including:

- feasibility/option studies and scheme and detailed design
- maintenance and refurbishment solutions
- hydraulic assessment of foul and surface water drainage systems
- flood risk assessment and mitigation works
- flow monitoring and analysis
- design of hydraulic structures such as flumes, cascades, scour protection etc.
- ingress water investigations and design of remedial solutions including management systems.



Facilities and asset maintenance

- Asset condition inspections and tracing surveys
- Preparation of asset condition reports and schedules of defects
- Specification/scopes of works and planned maintenance regimes



Viva

PinPoint
R1000

Viva

This total station is currently being
remotely controlled.

F1 F2 F3 F4 F5 F6

Control panel with a grid of buttons (1-12), a central red OK button, and directional arrows.

Topographic and utilities surveys via conventional or 3D laser scanning

- 2D/3D topographic surveys utilising traditional surveying techniques and/or 3D laser scanning or photogrammetry
- Measured building surveys including floor plans, elevations, sections for internal/external areas
- 'As constructed' surveys for development of handover documentation and asset record and maintenance purposes
- Buried services and utilities surveys in accordance with the requirements of PAS128



PUSH TO OPEN AIR VENT

WARNING
DO NOT DRIVE WHILE
ROOF VENTS ARE OPEN

microwave
lgmx

Hand Dryer

WARNING

onSite

ATTENTION
WASTE WATER
DRAIN DAILY

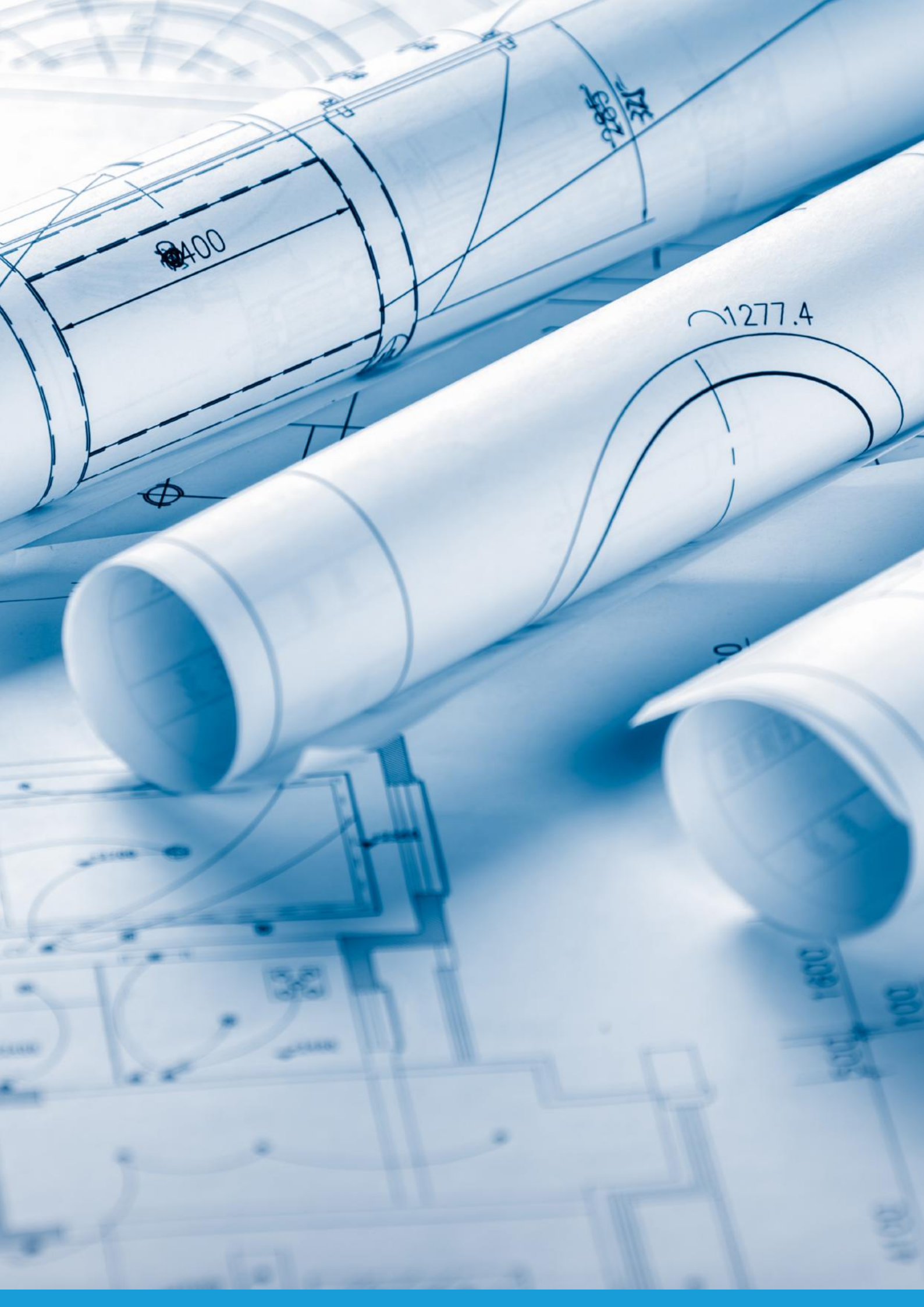
onSite

onSite
STAFF STAFF STAFF

Architectural floor plans and blueprints spread across the table.

Project management

In addition to the delivery of design or survey/investigation, members of the professional services team have extensive experience in delivering project management for numerous schemes in a variety of sectors using processes, methods, knowledge and experience to deliver specific project objectives within agreed timescales, to budget.



400

1277.4

1600
1005
1001

2018

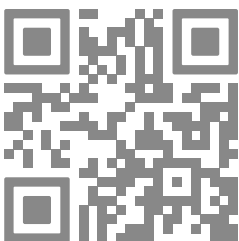
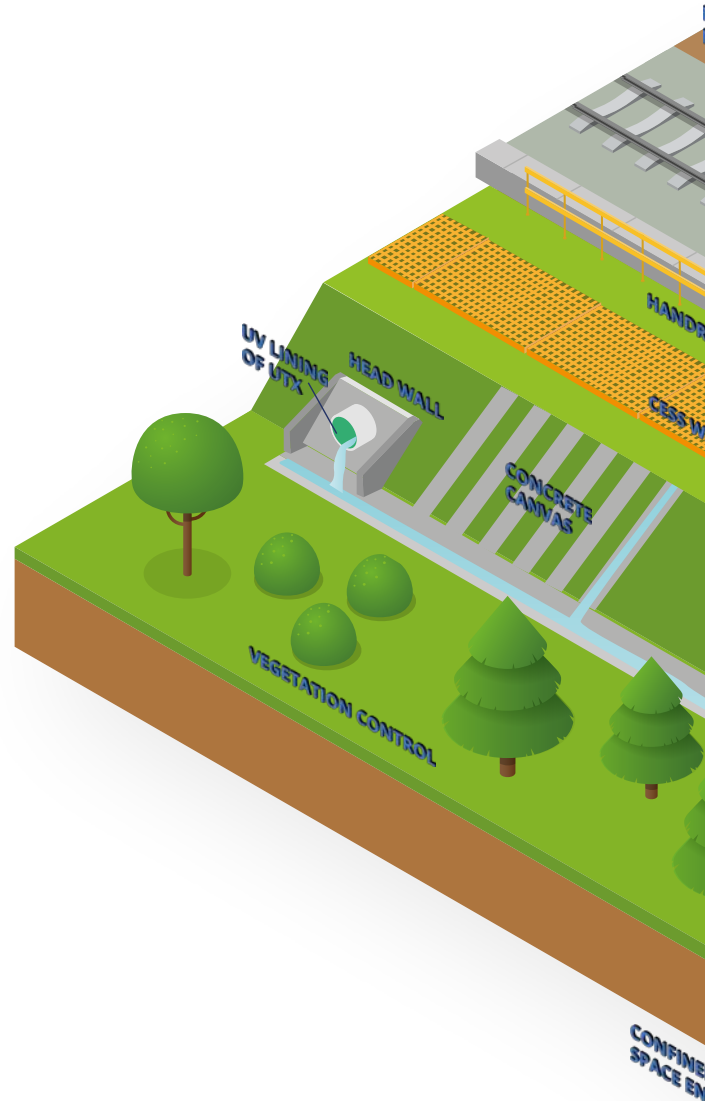
- Drainage and hydraulics ○
- Facilities and asset maintenance ○
- Topographic and utilities surveys ○
- Project management ○
- CAD services ●**

CAD services

Either as part of other works, or as an independent service, we can offer the preparation of CAD drawings using either Bentley MicroStation or AutoCAD.

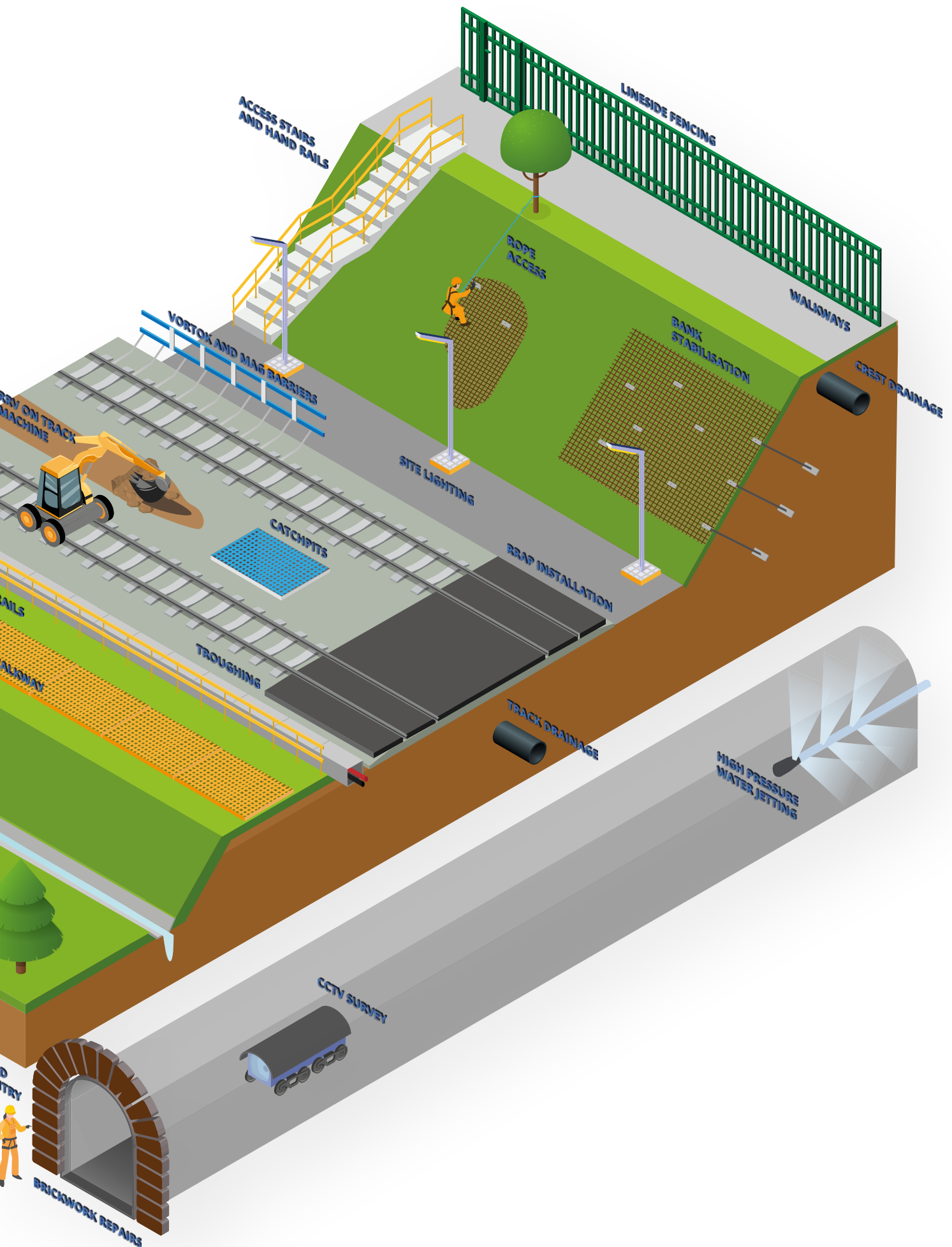
Our capabilities

OnSite Rail is a Specialist Contractor to the UK Rail Industry, providing a comprehensive end-to-end service covering small ad-hoc jobs up to and including the largest projects. Drawing on a highly experienced national network of specialist rail teams, the company provide an exceptional service covering both planned and emergency remedial work.



Scan our QR code or [click here](#) for a full list of our capabilities.





Operating a national service with depots across the country

