



# SENIOR DESIGN ENGINEER



## ABOUT THE ROLE

The role of the Technical Department is to provide a practical and cost-effective technical service to the company. This will encompass site evaluation, engineering design, the investigations of any technical problems encountered and provision of economical and viable solutions. This may involve liaison with appointment of and co-ordination of external professionals.

Responsible to: Design Manager (Civils)

## KEY RESPONSIBILITIES

- In accordance with corporate responsibility for the business, work with the Design Manager (Civils) and Land Department on new sites for the business.
- Advise Land Department on Technical viability of new sites.
- Assist in the production of layouts and technical report for Land Appraisals; and required working drawings.
- Prepare outline engineering schematics for Land Appraisals.
- Brief and commission site investigations, topographical survey and other assessment reports on land acquired
- Undertake road and sewer designs and design all finished levels for a development to local and national standards.
- Initial negotiations/enquiries with statutory bodies on environmental, drainage, highways and other engineering issues when apprising land.
- Manage technical submissions for approval by statutory authorities (e.g. S104, S38, S278). Obtain statutory approvals and progress agreements to completion.

- Issue engineering information to Commercial, Construction and Sales departments.
- Fee negotiation and appointment of consultants.
- Prepare Sales and Legal information e.g. Conveyance plans and M colours.
- Answer Technical queries.
- Assist the team in the Public open space, S38, S104 adoptions.
- Liaise with Redrow Commercial on Special Projects.
- Comply with responsibilities as laid down in the Group's Health, Safety and Environment Policy.
- At all times comply with company policies, procedures and instructions.
- Contribute to improving the business, protecting and enhancing the reputation of the company, by putting forward new ideas and, when requested to do so, implementing change.
- Manage and mentor junior members of the team.

## THE PERSON

What kind of person are we looking for?

- Excellent IT Skills including use of AutoCad and Microsoft Word and Excel, PDS, Site3D, Microdrainage/Flow.
- Knowledge of Industry Regulation Standards.
- Previous experience of valuing engineering designs.
- Ability to work under pressure.
- Confident individual.
- Problem solve and able to think outside the box.
- Ability to manage their own time and monitor others in the team or consultants.
- Organized with a commitment to meeting deadlines.
- Excellent communication and presentation skills.
- Friendly and approachable.
- Credible, and comfortable in dealing with a wide variety of stakeholders.
- Reliable, dependable and determined.
- Team player.
- Able to work under own initiative.

These are illustrative duties, and the job holder will be expected to become involved in a range of work to enable the department to respond effectively to the requirements of the Company.