

# ASSISTANT DESIGN ENGINEER



## ABOUT THE ROLE

The Assistant Design Engineer will assist with the production of the engineering design from land appraisal through to construction issue. They will prepare the design drawings to agreed standards and format that will be used to gain technical approval and to construct the works on site.

Responsible for: No direct reports

Responsible to: Senior Design Engineer and Civils Design Manager

## KEY RESPONSIBILITIES

### 1. GENERAL

- Assist with the required highway and drainage designs for projects, including the production of drawings for Section 38 and Section 104 packs to help secure the approval of and, where appropriate, progress the adoption agreement with the relevant Statutory Authority.
- Assist with preparation of 3D information relating to earthworks.
- To achieve the most cost-effective solution to construct and service the site.
- Assist in the production of layouts and technical report for Land Appraisals; and required working drawings.
- Assist with initial negotiations / enquiries with statutory bodies on environmental, drainage, highways and other engineering issues when appraising land.
- Brief and commission topographical survey and other assessment reports on land acquired.
- Answer Technical queries that may arise from other departments within the division.
- 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.
- Liaise with other departments as required to ensure quick responses are provide to internal queries and the division maintains and improves its customer satisfaction scores.

Encourage feedback from site teams at all points of the build to improve the design and implementation of future schemes to avoid wastage and improve the engineered solutions.

Comply with all responsibilities as defined in the Group's Health, Safety & Environment Policy and ensure compliance with the same throughout the Engineering team.

Always ensure compliance with company policies, procedures, and instructions.

Implement new ideas and methods and continue to seek ways of both improving contribution to the organisation's goals and enhancing the reputation of the company.

Provide support to the Principal Designer to ensure full compliance with the Construction (Design & Management) regulations.

Build strong working relationships with site teams and Heads of Departments to ensure that schemes are constructed as intended.

Develop good working relationships with local authorities to ensure easy approvals and fast, marketable, economic house building and prompt adoption of the developments once completed.

## **THE PERSON**

What kind of person are we looking for?

- Self-motivated and able to work effectively and efficiently to meet deadlines.
- Has the drive for professional development and continuous learning to take advantage of career opportunities and progression within the Design team
- Has working experience of producing civil engineering drawings for S38 and S104 packs (Roads and Drainage) Ideally in the residential sector.
- Proficient in the use of AutoCAD as well as Microsoft Office suite of programs. A working knowledge of Causeway design packages (PDS, flow), Micro Drainage would be an advantage.
- A relevant construction or civil engineering qualification would be an advantage.
- Innovative approach to solving problems.
- Capable of managing multiple competing priorities at the same time.
- Meticulous attention to detail.
- Organised in approach.
- Ability to effectively communicate with people across all departments and levels within the business.

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.