Job Summary Overview	
Job title	SuDS Drainage Engineer
Career family	Organisational Support
Professional pathway	Engineering and Construction
Career family level	Intermediate / Officer (Tier 7)
Grade	10/11
Reports to	Team leader
Financial responsibility	N/A
Supervisory responsibility	N/A
Reference number	

Job Summary

The SuDS Drainage Engineer is responsible for managing and progressing sustainable drainage proposals associated with development sites, ensuring that drainage systems are designed and constructed in accordance with national standards, local guidance and Council requirements. The role undertakes technical assessment of drainage strategies and detailed designs, provides specialist drainage advice, undertakes site inspections, and coordinates responses to planning consultations. The post works within established standards and guidance, with novel, highly complex or policy-sensitive matters escalated to the Team Leader or senior specialist as appropriate.

Key responsibilities:

- **Technical Audit and Assessment** – Carrying out technical reviews of drainage strategies, sustainable drainage systems and supporting hydraulic calculations in accordance with national standards, local guidance and established assessment criteria, seeking guidance on novel, highly complex or policy-sensitive matters where required.
- **Planning Consultation and Technical Liaison** – Reviewing planning applications and liaising with developers, consultants and applicants to identify drainage issues, request clarification or revisions, and support acceptable sustainable drainage solutions. Particularly contentious or policy-sensitive discussions are escalated where required.
- **Technical Assessment** – Assessing drainage calculations, flood risk information, maintenance requirements and technical submissions to support decision making, applying professional judgement within relevant standards and guidance.

- **Specialist Drainage Advice** – Providing technical drainage advice and coordinating consultation responses relating to flood risk, surface water management and sustainable drainage systems.
- **Knowledge Sharing** – Sharing technical knowledge and experience informally with Assistant Engineers and colleagues as part of normal team working; the post carries no formal supervisory, work-allocation, performance-management or training responsibility.

Specific requirements – Grade 10	Essential *Mark with ✓*	Desirable *Mark with ✓*
Education & training: • Civil Engineering Level 4 Higher National Certificate, Degree-level qualification, or equivalent experience in Civil Engineering, Drainage Engineering, Flood Risk Management or similar relevant discipline. • Evidence of continuing professional development.	✓	
Experience: • Ability to interpret and technically assess drainage submissions and provide sound technical advice, applying established standards and guidance and referring novel, highly complex or policy-sensitive matters where required. • Experience of reviewing development proposals and planning applications. • Experience of drainage design and sustainable drainage systems. • Understanding of planning legislation and policies relating to flood risk and drainage. • Working knowledge of drainage design standards and SuDS guidance. • Experience of reviewing engineering drawings, technical reports and hydraulic calculations. • Experience of site inspections and technical record keeping. • Proficient in Microsoft Office applications. • Experience of reviewing drainage models using MicroDrainage, InfoDrainage or similar software.	✓	
Relevant Skills and aptitude: • Negotiation skills. • Strong customer service and stakeholder management skills. • Ability to understand and review complex drainage submissions. • Ability to work independently and manage competing deadlines. • Ability to provide clear written and verbal technical advice. • Strong organisational and record-keeping skills. Ability to share technical knowledge and experience with colleagues as part of normal team working.	✓	

Specific requirements - Grade 11 (plus G10 requirements)	Essential *Mark with ✓*	Desirable *Mark with ✓*
Experience of undertaking technical drainage assessments independently within established standards and guidance, with escalation of novel, highly complex or policy-sensitive matters where required.	✓	
Demonstrates sound understanding of SuDS design principles and their practical application.	✓	
Evidence of applying LLFA legislation, national standards and local drainage policy.	✓	
Demonstrates understanding of flood risk assessment and drainage strategy preparation.	✓	
Evidence of liaising with developers and consultants regarding drainage matters and contributing to the resolution of technical issues, with particularly contentious matters escalated where required.	✓	
Evidence of undertaking drainage site inspections and resolving technical issues.	✓	
Evidence of providing clear technical advice to customers, elected members and colleagues, including explanation of established drainage standards and guidance.	✓	
Ability to review hydraulic calculations and drainage modelling outputs.	✓	
Ability to manage a varied workload of major and minor development sites.	✓	
Evidence of exercising professional judgement in relation to drainage matters, including recognising when novel, complex or contentious issues require escalation.	✓	
Demonstrate ability to manage a workload of multiple sites, including large scale developments.	✓	
Education & training: • A desire to become a member of the professional engineering institution, e.g., ICE/ IHE etc.		✓
Experience: • Experience of liaising with statutory undertakers • Experience of viewing and editing AutoCAD drawings.		✓
Relevant Skills and aptitude: • Enthusiasm for change and innovation in surface water drainage. Ability to share technical knowledge informally with colleagues; no staff supervisory or recruitment responsibility.		✓

Working Arrangements

- The post is not politically restricted.
- Full driving license with own vehicle required to be able travel and work from various locations within the county.

- Contractual base as detailed on contract, but you are able to work on a flexible basis in line with our Agile Working Policy.
- Able to travel across the county and work from various office locations within the county.

Health and Safety at Work

All employees have responsibilities for health and safety – both for themselves, colleagues and the people we work with.

The potential significant hazard(s) and risk(s) for this post are identified below (those ticked).

☐	Provision of personal care on a regular basis	☐	Driving HGV or LGV for work
☐	Regular manual handling (which includes assisting, manoeuvring, pushing and pulling) of people (including pupils) or objects	☐	Any other frequent driving or prolonged driving at work activities (e.g. long journeys driving own private vehicle or a council vehicle for work purposes)
☐	Working at height/ using ladders on a regular/ repetitive basis	✓	Restricted postural change – prolonged sitting
☐	Lone working on a regular basis	☐	Restricted postural change – prolonged standing
☐	Night work	☐	Regular/repetitive bending/ squatting/ kneeling/crouching
☐	Rotating shift work	☐	Manual cleaning/ domestic duties
✓	Working on/ or near a road	☐	Regular work outdoors
✓	Significant use of computers (display screen equipment)	☐	Work with vulnerable children or vulnerable adults
☐	Undertaking repetitive tasks	☐	Working with challenging behaviours
☐	Continual telephone use (call centres)	☐	Regular work with skin irritants/ allergens
☐	Work requiring hearing protection (exposure to noise above action levels)	☐	Regular work with respiratory irritants/ allergens (exposure to dust, fumes, chemicals, fibres)
☐	Work requiring respirators or masks	☐	Work with vibrating tools/ machinery
☐	Work involving food handling	☐	Work with waste, refuse
☐	Potential exposure to blood or bodily fluids	☐	Face-to-face contact with members of the public
☐	Other (please specify): Site visit required to both active and non active development sites		