Enhancing local landscape with sensitive design & management expertise:

Black & Veatch is at the forefront of the design and management of water resources and the integration of our ‘blue’ and ‘green’ infrastructure. We believe our Landscape Architects have an important role to play in this, working both at strategic and detailed levels. Along with our ecologists and environmental scientists, our landscape team ensures that our projects are environmentally sustainable, designed sensitively within the landscape context and protect and enhance local landscape character and quality.
As a Landscape Institute registered practice, Black & Veatch provides comprehensive landscape consultancy services to our clients, for both wider interdisciplinary projects and standalone landscape projects.

Black & Veatch
Landscape Consultancy
Services Include:

- Feasibility studies
- Site appraisal and analysis
- Options appraisal
- Landscape character assessment
- Landscape and visual impact assessment
- Design services from initial concepts through to construction drawings
- Visualisations, photo montages
- High quality presentation materials
- Public consultation processes and materials
- Cost estimating / budget advice
- Landscape management and maintenance plans
- Mitigation and environmental enhancement schemes to reduce the impacts of development proposals
- Design and access statements and planning applications
- Contract management of landscape implementation and maintenance

Water Infrastructure

We provide landscape assessments and design support for:

- Strategic flood risk management proposals
- Major flood alleviation schemes throughout the UK:
  - Coastal and fluvial flood defence improvements
  - Managed realignment of flood defences for habitat gain
- Water Utility Company infrastructure developments, such as reservoirs, water treatment works, pipelines and pumping stations

Our approach is to establish sustainable landscape and environmental strategies from the early stages of the projects, creating and directing a ‘shared vision’ for the scheme.

Integrating Flood Defence and Urban Regeneration

Sensitively Designed Flood Walls

Illustration of Integrated Flood Defences
GREEN INFRASTRUCTURE
- Support to local authorities and others in the development and delivery of Green Infrastructure (GI) strategies.
- Enhancing GI networks through our projects.
- Improvements to local biodiversity, recreational value, landscape and visual quality and health benefits.
- Sustainable urban drainage, green walls, green roofs.

ECOLOGICAL DESIGN
- Collaboration with ecologists and environmental scientists.
- Environmentally sensitive design for designated sites such as SSSIs and SACs.
- Specialist habitat creation projects.
- Wetland systems, ponds, marshes, reed beds, wader scrapes, wildflower meadows, woodlands and hedgerows.

SUSTAINABLE URBAN DRAINAGE (SUDs)
- Interdisciplinary approach.
- Ecological design of attenuation ponds and swales.
- Rain gardens, bio-retention areas.
- Permeable and porous paving solutions.

LANDSCAPE ASSESSMENT
- Landscape and Visual Impact Assessment (LVIA) to support planning applications.
- Landscape Character Assessment.
- Design and cost estimates for landscape and environmental mitigation measures.
- Photo montage.
- Illustrative figures and plans, including sketches, sections, visualisations / artists’ impressions.
- Landscape master plans.

CONSULTATION
- Stakeholder seminars and meetings.
- Public meetings and exhibitions.
- Participative design workshops.
- Consultation materials including fliers, leaflets, exhibition boards, models, sketches, visualisations.
- Analysis of consultation results, and subsequent recommendations, to deliver a ‘shared vision’.

IMPLEMENTATION AND CONTRACT MANAGEMENT
- Tender documents and management of tender processes.
- Contract management.
- Site inspections and long term monitoring.
- Landscape Clerk of Works service.
- Landscape management plans and overseeing maintenance contracts.

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