Demolition, Construction & Environmental Method Statement

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Project: Development off Blythe Bridge Bye Pass

Development of circa 118 dwellings (Use Class C3), new access and internal roads for vehicles, pedestrian and cycle linkages; car and cycle parking; associated play and open space, landscaping, ecological habitats; sustainable drainage measures, earthworks and all ancillary enabling works including the demolition of building and structures.

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ST.MODWEN HOMES

St. Modwen Homes
Two Devon Way
Longbridge
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Construction and Environmental Management Plan Revision Sheet
Record of Amendments

Version No.	Date	Brief description of Amendment
1.0	Aug 2018	Initial issue
2.0	Oct 2018	BIM reference role amended. Archaeology notes added

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1.0 Project Summary

1.01 Introduction and Purpose

Planning conditions associated with the full permission for this development requires St. Modwen Homes to submit a Demolition, Construction & Environmental Method Statement (DCEMS) for the site.

These proposals hereby contained within the document will be managed subject to changes of conditions on the site and would be subject to change unless otherwise agreed in writing with localauthority.

The purpose of the DCEMS is to reduce the risk of adverse impact from construction work on sensitive environmental resources and to minimise disturbance to local residence, businesses andinfrastructure.

This DCEMS describes how St Modwen Homes will provide the management framework needed for the planning and implementation of construction activities in accordance with environmental commitments identified in our Environmental Policy and any requirements of planning conditions.

St Modwen Homes is making adherence to the DCEMS a contractual requirement of any construction contract associated with the Blythe Bridge project. It is to cover the management of a contractor's activities and those of any sub-contractor working under the main contractor's control. The DCEMS defines the minimum requirements that have to be met.

All works conducted on this site will be carried out in accordance with St Modwen Homes Safety, Health and Environmental Management System and the Company Environmental Policy (Appendix 1).

St Modwen Homes recognises the environmental benefits of a robust DCEMS ensuring;

- Reduced damage to our natural environment;
- Reduced demand for natural resources;
- Reduced disturbance to our neighbours.

St Modwen Homes also recognises the economic benefits of improved environmental performance and recognises that, "Pollution prevention is always better than remediation".

1.02 Project Location / Outline

The site occupies an area of approximately 5.2ha and is located approximately 10 km to the south east of Stoke-on-Trent, close to the junction between the A50 and the A521/Uttoxeter Road. A pond lies within the northern part of the site. It is understood that this is to remain as part of the redevelopment. Two existing buildings also exist within the eastern part of the site. Historical mapping indicates the site to have remained in agricultural use since the earliest maps, dated 1879.

The site comprises circa 118 apartments & houses ranging from one bed to five bed.

1.03 Proposed Phasing



2.0 Construction Management

2.01 Dealing with Regulatory Agencies

The following table sets out the Regulators likely to be involved in the project and their responsibility: -

Regulator	Responsibility
Staffordshire Moorlands District Council	Noise, Air Quality, Traffic, Nuisance
Staffordshire County Council	Local traffic management
Environment Agency	Effluent Discharge, Abstraction Licenses. Surface Water Discharge to river
Staffordshire Moorlands District Council	Tree Preservation orders
Severn Trent Water	Foul Water Discharge to Sewer
Natural England	Ecological Interest
Health and Safety Executive	Health and Safety Issues

All St Modwen Homes operatives will follow the guidelines listed here to help ensure efficient and effective management of environmental issues.

- Plan ahead, try to avoid problems and give regulators advance warning of potential problems;
- Give regulators the time needed to process any enquiries;
- Display the relevant emergency number for the regulatory agencies. Include in the Construction Safety, Health and Environmental Management Plan and put on the site notice board;
- Ensure that all site personnel know the correct procedures for reporting incidents – they should let the site manager know before contacting the regulatory agencies;
- Notify through the Site manager the Environment Agency and the Local Authority of any significant uncontrolled contaminating spillages and/or issues.

2.02 Management Responsibilities

Management responsibilities for company personnel are set out in the Company's responsibilities section of St Modwen Homes Safety, Health and Environmental Management System – Policies section.

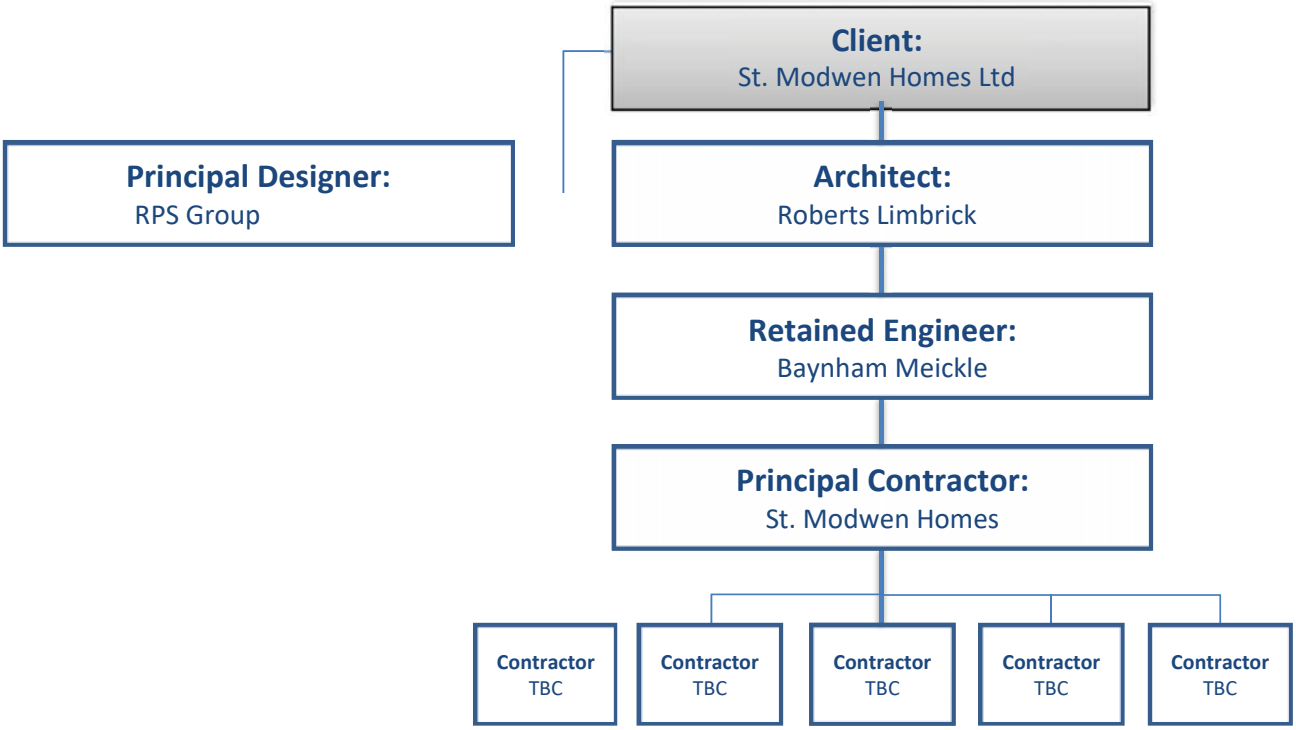
The St Modwen Homes Site Manager has principal 'duty of care' responsibility for the management of environmental issues throughout the project.

The Site Manager will delegate certain responsibilities for the day-to-day management to members of his site team. These responsibilities will include auditing environmental practice on site, liaising with regulatory authorities and monitoring contractors.

St Modwen Homes safety, health & environmental advisors will make regular unannounced visits to site to check health and safety performance and will include environmental issues, their inspection regime and reporting.

Site engineers and site foremen are usually in the best position to put the project environmental plan into practice and as such the Site Manager will ensure that engineers and foremen understand the environmental obligations and the practical measures needed to comply with them.

The Site Manager will record all emergency incidents and make them subject to the procedure for non-conformance, corrective and preventive action, and review contract specific emergency procedures at stages of the contract to ensure that changing circumstances are catered for.



The Site Manager will ensure that all contractors employed by St. Modwen Homes understand their obligations towards the environment and meet them.

To achieve this, the Site Manager will ensure the following:

- Contractors are made aware of our approach to environmental management before starting work on site through our work package plan, this is issued to all contractors to inform them of what is expected on this project in all areas of risk management and quality control;
- Contractors are made aware of their environmental obligations on the project during initial site induction;
- The past record on environmental performance is checked prior to appointment and proper controls are included in their sub-contracts to ensure conformance with all reasonable requirements with regard to the environment, and encouragement to achieve good environmental performance.

2.03 Management of Contractors

St Modwen Homes will also insist on contractors signing up to an environmental code of practice (Appendix 3) which will be distributed as part of the work package plan, this environmental code of practice will commit the contractor to;

- Minimise any disturbance or negative impact (in terms of noise, dust and inconvenience) caused by the construction site to the immediate neighbourhood
- Manage their work activities with due regard to the environment;
- Ensure necessary care is taken to prevent damage, accidental or otherwise, to natural features, especially hedgerows, wetlands, grass verges…etc;
- Eradicate offensive behaviour and language from construction sites.

2.04 Raising Awareness

Raising awareness amongst all staff, operatives and contractors will be achieved through a series of toolbox talks which

will be held at regular intervals corresponding with the stage of the development. The tool box talks will be based on the text included in the Construction Confederation Tool Box Talks Series (Appendix 2 gives an example) and will include the following topics.

- Spill Control;
- Water Pollution Prevention;

  Dust & Air Quality;
- Noise & Vibration;
- Wildlife, nesting birds,

  Newts
- Water Pollution – Silt;
- Water Pollution – Cement & Concrete;
- Waste Management – Reduce, Reuse, Recycle of Waste;
- Storage & Use of Petrol;
- Material Handling & Housekeeping;

  Archaeology;
- Bentonite;
- Pumping & Over-pumping;
- Washing Down Plant & Machinery; Tree

  Protection;

All operatives will have attended the Construction Skills Certification Scheme (CSCS) which includes environmental issues in the training books and test.

2.05 Liaising with the Client and Designers

In regular meetings with the Client, environmental issues affecting the design will be raised and discussed.

Alternative approaches and alterations to the design may be required where environmental improvements can be achieved and these will be discussed and agreed with the client and designers as the works proceed.

2.06 Liaising with Neighbours

At the start of the contract, the interests of the site 'neighbours', will be carefully considered. A site newsletter will be distributed to local residents and a site notice board setup to keep people informed. Any likely potential nuisances to 'neighbours' will be discussed and measures taken to minimise disturbance and impacts, ensuring that the construction work programme and Environmental Policy are explained.

Dependent upon local needs, meetings will be arranged to monitor the effectiveness of mitigation measures and to advise of any changes to the programme.

All work will be carried out in such a manner as to cause as little inconvenience as possible to adjoining owners/residents and the general public. St Modwen Homes will notify all residents in the immediate vicinity of the site of the proposed works and will update them throughout the project should it be deemed necessary. St Modwen Homes shall also liaise with the local school and where necessary provide information to educate the children on the dangers of constructionsites.

St Modwen Homes will liaise with local commercial residents to ensure that our activities do not impinge on external activities and that hazards relating to unauthorised site access are communicated to those parties who may be affected.

3.0 Site Operations

3.01 Site Management and Control

The Site Manager will have ultimate responsibility to ensure that all environmental responsibilities have been defined and that site personnel understand that environmental issues must be taken seriously. Personnel will be made aware their responsibilities and liabilities to all environmental standards and obligations.

3.02 Considerate Constructors

St Modwen Homes will apply to the *Considerate Constructors Scheme* in relation to this project, and will work to the principles of the scheme laid out below:

Considerate: All work will be carried out with positive consideration to the needs of traders and businesses, site personnel and visitors, and the general public. Special attention is to be given to the needs of those with sight, hearing and mobility difficulties.

Environment: Noise from construction operations and all other sources will be kept to a minimum at all times. Efforts will be made to select and use local resources wherever possible. Attention will be paid to waste management and the avoidance of pollution. Recycling and the use of recycled materials are encouraged.

Cleanliness: The working site will be kept clean and in good order at all times. Safety barriers, lights and warning signs will be maintained in a clean and safe condition. Surplus materials and rubbish will not be allowed to accumulate on the site or spill over into the surroundings. Dirt and dust from construction operations will be kept to a minimum.

Good Neighbours: General information regarding the Scheme will be provided for all neighbours affected by the work. Full and regular communication with neighbours, including adjacent traders and businesses, regarding programming and site activities will be maintained from pre-start to completion.

Respectful: Respectable and safe standards of dress will be maintained at all times. Lewd or derogatory behaviour and language will not be tolerated under threat of severe disciplinary action. Pride in the management and appearance of the site and the surrounding environment will be shown at all times. Operatives will be instructed in dealing with the general public.

Safe: Construction operations and site vehicle movements will be carried out with care and consideration for the safety of site personnel, visitors and the general public. No building activity will be a security risk to others.

Responsible: Ensure that everyone associated with the site understands implements and complies with this code.

Accountable: The Considerate Constructors poster is to be displayed where clearly visible to the general public. A site's contact details will be obvious to anyone affected by its activities.

3.03 Health and Safety Management

St. Modwen Homes will ensure there are clear responsibilities, and those responsibilities are known by all, and effective arrangements are in place for the management of health and safety, through the Construction Phase Health and Safety Plan, which will be in place prior to any work being undertaken on site.



This plan will be reviewed and updated as the project progresses and will have a direct link to this DCEMS through various sections ensuring environmental management and health and safety are key drivers throughout the project.

St Modwen Homes is committed to promoting a positive safety culture which will be achieved by:

- Ensuring all persons are competent to undertake the role, task and responsibilities including recruitment, training and advisory support;
- Ensuring adequate control over operations through the effective allocation of responsibilities,securing commitment, instruction and supervision;
- Ensuring the co-ordination and co-operation between individuals, groups and advisors;
- Ensuring good channels of communication throughout all levels of management and the workforce including spoken, written and visible resources.

The Site Manager will maintain a register of accidents, Incidents, near misses and complaints.

3.04 Good housekeeping

Good housekeeping is an important part of good environmental practices and it helps everyone to maintain a safe and efficient site. The site will be tidy, secure and have clear access routes that are well signposted. The

measures below will be adopted to manage housekeeping on a daily basis:

- Segregate waste as it is produced;
- Remove waste frequently from site;
- Keep the site tidy and clean, all operatives to pursue a "clean as you go" culture;
- Ensure that material and plant storage areas are properly managed;
- Keep hoardings tidy – repair them and repaint them when necessary, remove any fly posting.

Regular checks will be carried out to ensure that litter has not blown around the site or perimeter fencing and we will adopt a policy that any litter within 20m of our site is ours and will be cleaned up by our personnel.