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Pre-Construction Information

140 Dwellings
Land at Lime Walk
Long Sutton
Lincolnshire
PE12 9HG

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1. INTRODUCTION

This document contains the pre-construction information required by the Construction (Design & Management) Regulations 2015. Under the regulations the Client will initiate the plan, via the Principal Designer and this will be known as the Construction Phase Health and Safety Plan. This document should be read in conjunction with all drawings, specifications and other information issued as part of the tender package.

Under the new CDM 2015 Regulations, the HSE has been notified on this project. A copy of the notification can be found in Appendix 2

Particular emphasis will be put on the earliest possible identification of hazardous work sequences and operations carrying risks not normally associated with the nature of the work to be undertaken.

The Principal contractor should start to develop the construction phase health and safety plan prior to commencement of the works. The documentation should be submitted for approval to the Principal Designer at least 7 days prior to the project commencing.

All contractors involved in this project must prepare method statements detailing working methods as well as the earliest possible attention to risk assessment.

The principal contractor is required to further develop this health and safety plan during the construction phase.

After completion of the works, and with the assistance of the designers, the Principal Contractor will be required to prepare the health & safety file and pass to the Principal Designer for approval before being lodged with the Client.

2. THE NATURE OF THE PROJECT

2.1 The Client.

Stinders homes ltd
Unit 3 Birchwood One Business Park,
Dewhurst Road,
Warrington,
England,
WA3 7GB

2.2 Project Location

The site is located off Lime Walk Long Sutton.

2.3 Nature of Construction Works to be Carried Out

The work comprises of the construction of 140 new Dwellings, the development is traditional brick and block construction with a tiled pitched roof

The project also includes an adoptable estate road with turning areas which will carry new drainage for the road and houses, it will have a footpath to highways specifications, in the footpath will be a water main, electric main and BT Openreach to supply the 140 new dwellings and future developments,

2.4 Time Scale for the Completion of Construction Work

The project will commence January 2023

The project is planned to be completed December 2025.

The project timescales are around 104 weeks.

2.5 Principal Contractor

Stinder Homes Ltd	Tel:
Birchwood one business park	E-Mail :
Unit 3	
Dewhurst rd	
Birchwood	
WA37GB	

2.7 Principal Designer

Stinder Homes Ltd	Tel:
Birchwood one business park	E-Mail :
Unit 3	
Dewhurst rd	
Birchwood	
WA37GB	

3. THE EXISTING ENVIRONMENT

3.1 Surrounding Land Uses and Related Restrictions

The land surrounding the construction site is as follows;

North – Agricultura Green Fields

South – Existing Residential Dwellings

West – Bordered by Lutton Drain and beyond is Lime Walk and further Agricultural and Domestic properties.

East – Leylandii Tree border then agricultural fields and a sports field

Flood Risk – according to the Environment Agency Flood Risk Map, the site is to be in a Low risk flood area, with no historical evidence of flooding.

Nature Conservations – *there are no statutory or non-statutory nature conservations on the site.*

Protected species – *no evidence of protected species present on site.*

The land is not of archaeological interest.

3.2 Construction Area - Site Layout

See attached plan of the area.

3.3 Site Working Hours

The principal contractor will agree the working hours with the contractors concerned. Consideration must be given the surrounding environment if weekend working is to be considered.

3.4 Site Access

Access will be initially from Lime Walk with signage at the entrance.

4. EXISTING DRAWINGS

4.1 Drawing register

Site drawings are in the appendices

5. SIGNIFICANT HAZARDS

Significant Hazards

The principal contractor should note that the list below is not definitive or exhaustive, and therefore a detailed risk assessment must be undertaken prior to commencement of works to identify any other potential hazards

5.1 Asbestos

The site is Green Field and so an asbestos survey hasn't been undertaken of the site. If during the works, there are materials that are discovered that are not identifiable then work must stop, and the material analysed.

5.2 Existing Services

There are no mains services running through the site, All excavations will need to be CAT scanned before digging commences as a precaution.

5.3 Working at Height

All work at height must comply with the Work at Height Regulations. The principal contractor must detail the precautions to be taken whilst working at height as well as any specialist equipment to be used such as, scaffolding and tower scaffolding. All scaffolding should be inspected in line with the working at height directive either by the scaffold company or the site manager if that person is trained to do so.

Evidence of training in any specialist equipment must be supplied with the initial health and safety plan.

5.4 Excavations

It has been identified the need for excavations for foundations and drainage. The principal contractor must detail within the construction phase plan how they will manage the excavations along with protection of collapse and inspection.

5.5 Portable Hand Tools

All portable electrical equipment must be Portable Appliance Tested (PAT) and a register containing the details of testing to be incorporated in the Construction Phase Plan.

All portable hand tools should be used by competent persons in a safe manner.

5.6 Personal Protective Equipment (PPE)

The principal contractor should detail their arrangements in the construction phase plan the requirements for the use of PPE during the construction phase.

5.7 Control of Dust

Provisions should be made to control the silica dust on site with a wet cutting station and FFP3 masks detail of these arrangements should be included within the construction phase plan.

5.8 Control of Vibration

The Principal contractor must have a procedure for recording the amount vibration a contractor is going to be exposed to and a means of recording the exposure levels.

5.9 Control of Substances Hazardous to Health (COSHH)

No substances are to be used or handled on site without the required COSHH Assessment and material safety data sheet (MSDS). All substances are to be stored in a locked container when not in use.

5.10 Protection of the other residential properties

As stated, there are properties surrounding the development, the works should not affect these properties. The principal contractor must detail within the construction phase plan how these properties will be protected if required.

5.11 Lifting Operations

All lifting operations must be controlled and comply with the Lifting Operation & Lifting Equipment Regulation (LOLER) and under the control of a banksman. If cranes are used, then this should be accompanied by a suitable lifting plan. All lifting equipment must be certified, and copies of the certificates held on site.

5.12 Site Plant

All plant used on this project must be of good condition and maintenance records kept on site. The principal contractor must ensure that operatives carry out daily visual inspections with a weekly formal recorded inspection. All operatives of plant must be trained to operate the plant with copies of the training certificates held on site.

5.13 General Site

The principal contractor should detail their own arrangements for undertaking site inductions for all operatives working on site.

All contractors must sign in and out of site on a daily basis. There should be a designated smoking area.

First aid cover must be available at all times and adequate supplies of first aid equipment.

The principal contractor should detail in construction phase plan their arrangements for dealing with accidents, accident reporting and accident investigation. The arrangements must meet with the requirements of the Reporting of Injuries, Diseases and Dangerous Occurrence Regulations (RIDDOR) 2013.

Fire extinguishers should be on site for the duration of the project. The construction phase plan must detail the firefighting arrangements and details of the site fire marshal.

5.14 Safety Management

Method statements and risk assessment must be produced to support all activities from the work to be carried out and for hazardous activities identified in this document, or subsequently identified as hazardous during the development of the plan or any design change. All method statements & risk assessment must be supplied in advance to allow for approval before work commences.

Signage will need to be in place to provide clients personnel and members of the public with relevant health & safety information, complying with the Health and Safety (Safety Signs and Signals) Regulations 1996.

The project will aim for a '**Zero**' accident rate whilst this project is on-going and other contractors shall also be encouraged to aim for this.

5.15 Construction Materials

All materials used on site must be safe and have no adverse effects on the workforce, future occupants of the property or members of the public. If there is any doubt, approval of materials to be used on site must be received by the client's designers.

5.16 Lutton Drain

Lutton Drain borders the West side of the site, with this comes the risk of drowning and animal born diseases in the form of Leptospirosis and similar, The PC should ensure good washing facilities are available on site.

6. DESIGN

6.1 General design

HA Architectural Services have carried out the design for the development and the principal contractor must work to the approved design.

If during the build the principal contractor has any concerns over the design be it from a build or safety perspective then this should be forwarded to the Client, Principal Designer & Designer. Work in that area should stop until such time a resolution can be found.

Any changes in the design during the project will require the designer to reassess the suitability of the design risk assessment in consultation with the Principal Designer.

7. SITE WIDE ELEMENTS

7.1 Personnel Access and Egress

There is good site access & egress for contractors and contractors' vehicles. All vehicles must park on site as best possible and sensibly. Consideration should be given to local residents if parking on the road is required.

7.2 Site Induction

The Principal Contractor will be responsible for completing all induction for all personnel detailing the specific rules for work on the construction site. A register should be kept to identify that inductions have been completed.

7.3 Site Accommodation & Welfare Facilities

The Construction phase plan must detail the site accommodation and welfare facilities they intend to provide to meet the minimum requirements of the CDM Regulations 2015, which must include the provision of hot and cold water.

7.4 Location of Unloading & Storage Areas

All unloading and storage of materials must be confined to the agreed site area. The storage compound must be secure at all times. Suitable skips and waste management must be provided. The Principal Contractor must provide sufficient detail in the construction phase health and safety plan of how delivery vehicles are to be off loaded

All materials are to be stored in such a way that they pose no risk to others either from falling or obstruction.

7.5 Emergency Procedures

The principal contractor must detail the emergency arrangement for the site to be included within the construction phase plan. These details must include contact details of the first aider and fire marshal and details of the nearest hospital

8. OVERLAP WITH THE CLIENTS UNDERTAKING

It is the responsibility of the Principal Contractor to ensure that work is planned so as not to affect the health and safety of other contractors, members of the public or the occupants of the nearby properties.

The Principal Contractor must ensure that all contractors on site are fully conversant with the site rules, and that all stages of work are co-ordinated in agreement with the client to ensure there is no risk to any personnel on site.

Any signs advising the wearing of appropriate personal protective equipment on site must be observed.

If other contractors are required to work within the area of the project, then their activities must be co-ordinated by principal contractor to ensure their safety.

9. SITE RULES

The following site rules must be observed at all times:

- Ensure that No Unauthorised Persons is allowed onto the site or any part of it where construction work is carried out.
- Maintain site security and fenced compound areas.
- Smoking is only permitted within the designated area – including electronic cigarettes.
- All vehicles are to observe the site speed limit.
- Contractors must be dressed appropriately at all times.
- Contractors must refrain from shouting or using abusive language on the site.
- All vehicles when reversing or moving through, to or from the site must be provided with the guidance of a banksman
- No alcohol or drugs allowed on the premises.
- No burning of materials will be allowed on site.
- Hard hats, hi vis and safety footwear must be worn at all times. Additional PPE that is identified within the task risk assessment but also be worn.
- Ensure there is an unobstructed access facility for emergency vehicles to the site.

10. CONTINUING LIAISON

The principal Contractor will provide a construction phase health & safety plan, which must be developed from this pre-construction information. Particular consideration should be given to the method of ensuring safety of all on site.

The construction phase health & safety plan must be in place before construction work commences.

The principal contractor must provide health & safety information on all materials used. This also applies to subcontractors, designers, consultants etc. for whom he is responsible.

Where an unforeseen significant hazard is identified, this must be reported to the Principal Designer, as further health & safety considerations will be required. Regular meetings will be held, and any major changes will be discussed by all parties concerned to ensure there is no adverse effect on the health and safety of all persons affected by the work.

Risk assessments must accompany any design changes.

11. THE HEALTH AND SAFETY FILE

The Health & Safety file will consist of one paper and electronic copy . All information will be stored at head office. The site manager will collate the information as required.

The health and safety file shall not be too extensive but will contain the following documents as a minimum:

- A brief description of the work carried out;
- As built or as installed drawings;
- Any residual hazards and how they have been dealt with;
- Any key structural implications such as safe working loads for floors;
- Any hazards associated with materials used;
- CE Certification;
- All test and examinations certification;

Appendix 1

Drawings

Appendix 2

F10 Notification

Appendix 3

CDM 2015 Roles & Responsibilities



CDM 2015 Duties.pdf

Appendix 4

Environmental and Contamination report



Lime Walk, Long
Sutton - Contaminati