



DESIGNED WITH YOU IN MIND

CONSTRUCTION / TRAFFIC MANAGEMENT PLAN

For the development site located at

CASTLE HEATH
STATION AVENUE
CHIRK
WREXHAM
LL14 5NA

D S Jones & Co.

Architectural & Planning Consultants.

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1.0 DETAILS OF THE PROJECT.

1.1 Description of the project

The project consists of the erection of 24No. detached dwellings together with construction of estate roads and associated infrastructure to the north side of Station Avenue, Chirk. Planning permission was granted by Wrexham County Borough Council on the 16th of September 2019 under LPA reference No. P/2019/0141.

1.2 Timescale of the project

Construction of the new properties is to commence in October 2019 and will be completed within an 18 month build period. It is therefore envisaged that construction works will be completed in Spring 2021.

1.3 Existing records and plans

Copies of the existing records for the site are currently kept in a separate file located at the offices of Edwards Homes Limited, 11, Dock Road, Connah's Quay, Flintshire, CH5 4DS. A duplicate copy shall also be produced for the construction site, which shall be held in the Site Office by the site manager.

The existing records indicate that there are no overhead services on the site. All other statutory services are to be installed to the plot boundaries and therefore the Developer is aware of the locations of these buried services.

2.0 PROJECT DIRECTORY.

HSE Office & EMAS Office Address: email Tel No Fax No	Health and Safety Executive Unit 7 & 8 Edison Court Ellice Way WrexhamTechnology Park Wrexham, LL13 7YT formsadmin.wrexham@hse.gsi.gov.uk
Client: Address Contact Name email Tel No	Edwards Homes Limited 11, Dock Road Connah's Quay Flintshire CH5 4DS Neil Edwards neiledwards@edwardshomes.co.uk 01244 818228
Principal Designer - CDM Address Contact Name email Tel No	D S Jones & Co. 26, Prospect Drive Coedpoeth Wrexham, LL11 3PE Steve Jones dsjonesandco@live.co.uk 01978 750195 / 07880 874522
Principal Contractor: Address Contact Name email Tel No Mobile	Edwards Homes Limited 11, Dock Road Connah's Quay Flintshire CH4 5DS Graham Parry grahamparry@edwardshomes.co.uk 01244 818228 07554 995484

Civil Engineer:	Systra Limited
Address:	16 th Floor, City Tower Picadilly Plaza Manchester, M1 4BT
Contact Name	Diane Beamish
email	dbeamish@systra.com
Mobile	
Tel No	0161 831 5600
Fax No	
Planning & Design:	D S Jones & Co
Address:	26, Prospect Drive Coedpoeth Wrexham LL11 3PE
Contact Name	Steve Jones
Tel No	01978 750195 / 07880 874522
Email	dsjonesandco@live.co.uk
Construction / Site Manager:	Graham Parry
Address	Edwards Homes Limited 11, Dock Road Connah's Quay Flintshire CH5 4DS
Contact Name	Graham Parry
Tel No	07554 995484
Email	grahamparry@edwardshomes.co.uk
Emergency Out of Hours Contact :	Graham Parry
Address	Edwards Homes Limited 11, Dock Road Connah's Quay Flintshire CH5 4DS
Contact Name	Graham Parry
Tel No	07554 995484
Email	grahamparry@edwardshomes.co.uk

3.0 Management of the site

3.1 Health & Safety management arrangements

See the Company's Health & Safety Policy for the health and safety management arrangements.

3.2 Health & safety responsibilities

The health and safety responsibilities for all personnel are outlined in the Company's Health & Safety Policy.

3.3 Site rules

All contractors and visitors must sign in and sign out of the site register on a daily basis. The site register is held in the site manager's office.

Hours of working are to be limited to the following :-

- Monday to Friday - 07:30hrs - 18:00hrs.
- Saturday - 07:30hrs - 14:00hrs.

Before any work is conducted on site all personnel must attend a site safety induction during which they will be fully informed of all Health & Safety issues relating to the site. Upon completion they will be asked to sign said document acknowledging they have a full understanding.

All site personnel must hold a valid CSCS card or equivalent qualification.

Pedestrians must keep to designated pedestrian routes.

The whole site is classed as a no smoking site. Smoking is only permitted in designated areas. No burning of rubbish is permitted on site.

No children (personnel under the age of 16) or animals are permitted on site at any time.

Risk assessments and associated method statements must be submitted to the site manager for approval at least 1 week before commencing any work on site. A copy of this documentation must also be kept on site and available for inspection.

The storage of any materials including flammable substances must be agreed with the site manager before bringing them on to site.

Any hazardous substances or materials brought on to site must be accompanied by the manufactures data sheet and a COSHH assessment.

Cars and non-site traffic must be parked in the designated car parking area. Vehicles must never be parked in front of an exit/entrance or on the highway in front of occupied homes. Obey the Highway Code and site rules at all times.

No machinery must be operated on site unless you have permission and are licensed to do so.

Relevant test documentation including drivers/operators certificates must be kept available for any vehicles or plant used on site.

All site vehicles must adhere to a 10 mph speed limit.

Site vehicles must have a visible flashing beacon and reversing indicator fitted.

Entrances and exits must be kept clear at all times.

Hard hats, safety footwear and high visibility clothing must be worn at all times whilst on site. Additional protective clothing must also be worn when required.

All accidents or dangerous occurrences must be reported to the site manager. The accident book is to be kept in the site manager's office.

It is your responsibility to report any unsafe condition or hazards, which could result in injury.

Keep the general work area clean and tidy. Trailing leads should be kept to a minimum length and removed when not in use.

No drugs or alcohol are permitted on site. If you are taking any prescribed drug, which affects your judgement or coordination, you must inform your supervisor and the site manager.

Any spillage must be cleared up as soon as possible - if the spillage may endanger persons working in the vicinity, persons must be warned immediately of the hazard.

Never remove any guards, barriers or safety devices, which are provided for your safety.

Never play practical jokes on site.

No 240 volt tools or appliances will be allowed on site. All electrical equipment must be of 110 volt supply unless authorisation is given by the site manager.

All equipment brought on to site must be safe and adequately tested with an up to date test note in evidence on the equipment - this includes all plant and electrical equipment.

Only competent persons are permitted to erect or modify scaffolding.

All persons must take reasonable care for the Health and Safety of themselves and of any other persons who may be affected by the things they do or fail to do.

Where applicable, visually check safety devices daily prior to start of work.

Ensure good housekeeping methods are adopted at all times - clear away any mess that you make on site as you go along or at the end of the shift.

No oils, solvents or other harmful chemicals should be disposed of down drains or allowed to enter watercourses on site. If an accidental spillage occurs the site manager must be informed immediately.

Personal stereos are not permitted on site.

All food and beverages must only be consumed in the site mess room/canteen area.

Site welfare facilities are there for your use - keep them clean and tidy at all times.

Only persons that have attended a Banksman's training course are permitted to guide vehicles on site.

Contractors must ensure that all relevant safety information and documentation relating to the site safety file is passed onto the principle contractor as soon as possible.

3.4 Induction procedure

All contractors will be required to attend a health and safety induction seminar before commencing work on site. The seminar will be conducted by the site manager.

The site manager will keep a written record of all induction records in the site office.

3.5 Safety goals

The main health and safety objective for the site is to have **zero reportable accidents** by controlling all relevant hazards and reducing risks that may affect any person on site including the general public.

4.0 Site Welfare

4.1 Welfare facilities

Site welfare facilities will be provided and kept clean by the Principal Contractor, these will include :-

A mess-room/canteen, which will have drinking water, a facility to prepare and eat meals, means of boiling water etc.

Toilets and washing area. This area will have a supply of hot/warm and cold running water, soap, towels etc.

Drying room for the drying of clothing during periods of inclement weather.

Office area at higher level, ie above storage containers in order to maximise the visibility of the site from the Site Manager's office.

The location of the site welfare facilities can be seen on the site plan of the compound located in appendix A.

4.2 Access and parking

An existing field access immediately to the west of the proposed estate roadway entrance off Station Avenue will be used as the main access point for all construction related visitors to the site. All construction related traffic including sub-contractors, deliveries etc are to enter the site via this route which will be clearly marked and sign posted. Pedestrians and non-construction related visitors will not be granted access to the site until the new highway and pedestrian access from Station Avenue in the approved location is constructed and surfaced to base course level. The following control measures shall be used to segregate vehicles and pedestrians :-

- HGV vehicles will drive forward onto the site and turn around in a designated area away from pedestrians.
- The gate at the entrance for HGV and construction related traffic / vehicles shall be kept closed and only opened when the driver reports to the site office, to prevent unauthorised access to the site.

- The site shall have adequate signs displayed including 10 mph speed limit.
- A designated car parking area shall be provided, to ensure segregation from site traffic and HGV's.
- A designated pedestrian route with crossing points shall be provided from the parking area to the construction site.

See the plan of the site layout in provided at Appendix A.

4.3 Storage of materials

A designated storage area for materials is highlighted on the site compound plan in appendix A. All materials shall be stored in a safe manner. The site manager must be informed before any materials are stored in this area and also before any materials are removed from this area.

4.4 Loading and unloading

The designated loading/unloading area will be provided. The location of the loading area is highlighted on the site plan in appendix A.

4.5 Timing of deliveries.

Where possible, all deliveries are to be times between the hours of 9:30am and 2:30pm in order to avoid the busier periods at school start and finish time. It is acknowledged that this is not always possible, but every effort will be made to concentrate the bulk of deliveries between these times. Outside the specified times, all vehicles movements / deliveries will be supervised by a Banksman.

4.6 Dust management.

During construction works, there is a high probability of dust arising from site wide activities during dry and clement weather. It is the Developer's standard practise to have a water bowser equipped with a pump and spray bar on site at all times. During warm, dry weather, all haul roads throughout the site will be dampened with water on a daily basis to ensure that dust is kept under control. In times of inclement weather this may not be necessary but the use of the bowser will at all times be at the discretion of the Site Manager.

4.7 Keeping the highway clean.

The existing highway network in the vicinity of the site which shall include

an appropriate length of Station Avenue either side of the site access is to be swept by mechanical means as necessary. It is anticipated that during site set up and in the early days of the construction period, this might need to be undertaken on a daily basis, the frequency of road sweeping reducing as development progresses and roads within the site become surfaced with non-friable tarmac. This maintenance of the cleanliness of the highway surface is to take place after 4:00pm in order that the free movement of school traffic is not interrupted.

It is also the Developer's policy to construct a hard surfaced Wheel Wash Facility which will be effected by a jet wash in order to clean the wheels and underbodies of all vehicles which exit the site during periods of wet weather when mud and other detritus might cling to the vehicles and their wheels. The wheel wash will drain via a silt trap to the site drainage system.

5.0 Vehicles and pedestrians

To enable vehicles and pedestrians to be segregated so far as reasonably practicable, the following control measures will be implemented :-

- HGV vehicles will drive forward onto the site and turn around in a designated area away from pedestrians - see site plan in appendix A.
- The entrance for HGV vehicles and all other construction traffic shall be kept closed and only opened when the driver reports to the site office, to prevent unauthorised vehicle access to the site.
- A site speed limit shall be implemented and monitored. 10 mph speed limit signs shall be displayed.
- A designated entrance shall be provided for pedestrians at the junction of the new estate road and Station Avenue.
- A designated pedestrian route (provided with fencing) shall be provided from the site office and welfare facilities, to the construction site, to ensure segregation of personnel and vehicles.
- Pedestrian crossing points shall be provided for pedestrians to safely cross all access roads including the compound. See appendix A.
- A designated car parking area shall be provided adjacent to the Sales and Marketing Suite, to ensure segregation from site traffic and HGV's. All non-construction visitors shall park in a designated car park adjacent to the new access road off Station Avenue.
- All loading and unloading of vehicles will be conducted in a controlled area.
- All persons on site must wear high visibility clothing at all times.
- All site vehicles must be fitted with flashing beacons and reversing indicators.
- Vehicles must only be operated by competent personnel that hold a current certificate/license.
- Adequate lighting shall be provided for all vehicle movement areas.

6.0 Site security

The following control measures will be implemented to ensure the site is secure :-

- A security fence will enclose the whole site.
- The main gate will be locked when the site is closed.
- The entrance for HGV's shall be kept closed in the normal working day and only opened when the driver reports to the site office, to prevent unauthorised access to the site.
- The keys must be removed from all site vehicles when not in use and when the site is closed.

Appendix A

Plan of the site available on request