CONSTRUCTION MANAGEMENT PLAN

&

GENERAL INFORMATION

PROJECT

The Construction of 6 Number Residential Units

for

RK Wilson Builders (GR) Ltd

Date: August 2024

Table of Contents

1.0 Introduction

2.0 Description of Works

3.0 Sequencing the Works

4.0 Site Establishment and Welfare Arrangements

5.0 Environmental

6.0 Traffic and Plant Management

7.0 Site Security and Access

8.0 Complaints Procedure and Monitoring of Construction Management Plan

Appendix

1.0 Planning - preconstruction method statement

1.0 Introduction

The purpose of the Construction Management Plan is to address the procedures, sequencing and construction methodology anticipated by the Project Team engaged in the planning, liaison and construction of the Project. The plan outlines proposals on traffic and environmental management measures to be adopted during construction.

The outline Construction Management Plan forms part of the discharge of planning conditions. It is also designed to be a live document which will develop during the Project.

2.0 Description of the Works

The construction of 6 (six) residential units. Roadways, Utilities, associated hardstanding and landscaping will be included within the project.

Works to include the decontamination of the site as outlined within the Ground Engineering Limited Contamination Report

Construction of the buildings in accordance with the flood risk assessment and South Holland District Council Planning Approval requirements.

3.0 Sequence of works

Commencement Date: October 2024

The installation of hoarding/heras to the site perimeter

The installation of light vehicle site access for the compound area

The installation of haul routes around the site to enable a one way traffic system to be in place.

Decontamination of the site as outlined within the Ground Investigation report.

The installation of the public utilities, forming of associated landscaping, car parking/hard standings and vehicular access

The construction of the housing plots.

Duration of the Works: Anticipated to be approximately 18 months

Completion Date: April 2026

4.0 Site establishment and welfare arrangements

Welfare and car parking to be located on the site compound area as detailed in site layout drawing provided.

Vehicular haul routes to be established onsite to allow vehicles to enter site immediately from the highway onto a one way system onsite – banksman to be present to ensure that vehicles do not remain on the highway.

Welfare facilities to include:

- Welfare on site to be as required under the Construction (Design & Management) Regulations 2015.
- Canteen area
- Site office.
- Toilet facility

Material storage and distribution

Material storage to be located on the identified areas onsite. It is proposed that there are two material storage locations within the site area.

Any soils removed from the construction area are to remain onsite where possible, unless identified as contaminated. These are to be located within the areas identified for material storage. These are to be barriered off and segregated to prevent the risk of contamination.

Construction Stage

To have secure storage facility within compound (container)

Any material handling around site will be by telehandler with cranage being brought to site for the placing of floors beams and trusses. Where necessary permits will be applied for if works infringe on the public highway or footpaths.

General material storage to be within the areas identified within the site layout drawing, comprising four main storage areas.

Materials such as concrete and hardcore to be placed on delivery in the location where construction being carried out. These will be mainly for the forming of the substructure, superstructure and hard landscaping/roadways.

The materials for the building superstructure, finishing and external works to be delivered and generally erected/installed as works progress with any storage within the four identified material areas.

5.0 Environmental

The Contractor will be expected to provide details of his onsite environmental co-ordinator who will be expected to deal with traffic management, car parking, noise and dust monitoring/control, fuel, vibration and other environmental issues.

All works shall be carried out in accordance with the Net Regs, GPP 6 'Working at Construction and Demolition Sites' – although withdrawn it is not as yet replaced with new guidance.

During the installation of the piles there will be vibration monitoring present on site. Should there be the requirement to include additional controls to minimise the impact of vibration. Compact machinery will be used where possible to minimise the noise and vibrations produced. This will be monitored and reviewed as necessary.

Access to the watercourse at the rear of the site is to be maintained for the drainage board as required.

Working hours for the site are likely to be 07.30 – 18.30. Monday – Saturday. There will be strictly no plant operations outside of these hours.

Noise and Environmental Pollution

Noise Monitoring

Noise levels from individual items of plant will not exceed 110 db(A).

Noise levels are to be maintained within the recommendations of 'The Control of Noise at Work Regulations 2005'

As yet the quantity and type of plant to be attending site at one time has not been determined.

If necessary, noise will be monitored from two points, in the areas adjacent to the site boundaries. Noise will be monitored at peak times on site, and if necessary, a minimum of twice a day at both positions using a Hand Held Analyser that meets the requirements for integrating averaging sound level meters in accordance with BS EN7445. Information will then be collaborated into a table where the average for the site is calculated as twice a day readings.

The plant and equipment for the work is to be selected so as to keep the noise levels to ae minimum. All plant and equipment being used should be inspected /serviced at regular intervals and maintained when necessary.

All plant and equipment will be positioned accordingly on site so as to cause minimum disturbance to local residents.

Noise levels will be monitored on a regular basis and any safeguards will include 'Guidance as set out in BS5228: Part 1 2009 & 1A 2014.

Construction Dust

Environmental pollution will be kept to an absolute minimum and damping down will be carried out as required by site conditions if excessive dust.

Any lorries leaving site will be sheeted and if necessary damped down prior to being loaded.

Construction Vibration

It is recommended that construction vibration levels are subject to a watching brief with vibration measurements taken as necessary.

The method of measuring vibration is to be compliant with BS ISO:4866:2010

Disposal of Waste Materials (Hazardous and Non-Hazardous)

Disposal of all waste materials will be in accordance with current regulation requirements. Any hazardous waste will be transported by a registered carrier to a licensed tip – strictly in accordance with the Hazardous Waste Regulations 2005.

All waste/spoil carriers should have debris netting covering loads when leaving site.

Temporary lighting

It is anticipated that the works will be carried out during normal daylight hours and that if any temporary external lighting is required it would be provided by mobile tower lighting located within the site adjacent to the car parking area. Lights would have sensors and will not be left on out of site hours

Storage of materials on site

Construction materials such as cement, oils and fuels, etc have the potential to cause pollution. All fuel, oil and chemical storage must be sited on an impervious base within a secured bunded area of adequate storage capacity. The risk of fuel spillage is greatest during refuelling of plant. Mobile plant will be refuelled either off site or within a designated area of hardstanding.

Plant is to be fully maintained to avoid accidental discharges and storage of fuels is to be managed in accordance with current legislation. The Contractor should have spill kits available.

Works on or near any watercourse

All works should be carried out in accordance with the Environment Agency 'Pollution Prevention Guidelines' including 'Works and maintenance in or near water: PPG5'

The water course will be protected from being polluted due to debris from the site or any discharges of fuel from the plant being used on site. This will include the provision of fencing with debris netting, if required, to prevent site rubbish from being blown in. All vehicles/plant will, where any fuel is required, be refuelled away from the water course and spill kits will be available at all times.

There is to be no concrete or mortar mixing within 5.00m of any watercourse

No herbicides are to be used without prior written approval from the Environment Agency.

6.0 Traffic and Plant Management

Where possible all vehicles are to be flat bed and the use of articulated lorries is to be kept to a minimum.

Material deliveries will be organised, where possible, to avoid the peak times when local roadways are more congested.

Site vehicles will have wheels washed down prior to leaving site to reduce unwanted debris being spread to the highway. Wheel washing is to be located close to the main vehicular site entrance. There will be mobile wheel washing equipment on site throughout the construction period and every vehicle requiring wheels cleaning prior to leaving site will be cleaned. If necessary there will be road sweeping facilities to ensure minimal mud being deposited on the highway

Vehicles are to leave site in a forward gear and if necessary there is to be a banksman present especially for exceptional loads or deliveries. The adjoining property owners will, if necessary be advised of any exceptional loads.

No lorries are to remain on the highway. If necessary there is be liaison with the Lincolnshire County Council Highways Department.

Plant is to be fully maintained to avoid accidental discharges and storage of fuels is to be managed in accordance with current legislation. The Contractor should have spill kits available.

Consideration should be given to prevent any risk of contamination of adjoining land.

The Contractor shall be responsible for ensuring that all tools, equipment, plant and machinery used during works on the site are:

- Suitable for the purpose to which they are applied
- Inspected prior to each use and use discontinued where any defect is found
- Subject to regular testing and inspection as required under The Provision and Use of Workplace Equipment Regulations 1998 (PUWER)' or other relevant legislation
- Only operated by fully trained and competent persons
- Not left unattended on the site at any time unless secure
- Comply with the 'Lifting Operations & Lifting Equipment Regulations 1998 (LOLER)'

Car parking is to be on site.

7.0 Site Security and Access

Vehicular parking is to be available within the contractor compound.

There may be the requirement for finger boards to be located on the routes giving direction to the sites which will need to be agreed with the relevant Highways Departments. The Contractor will be expected to regularly monitor the signage.

All site personnel are to sign in and out on a daily basis in the register located in the site manager's office.

All visitors coming onto site must wait inside the compound area for the site manager. Visitors must receive a site specific induction, be wearing all minimum PPE requirements and be accompanied by the site manager or his representative whilst on site.

Solid hoarding will be erected to the front/roadside elevation with heras where necessary to the remaining perimeter.

8.0 Complaints procedure and monitoring of Construction Management Plan

There will be a designated Environmental Coordinator on site at all times who will deal with any daily matters who will ensure with the visiting Contracts Manager the Construction Management Plan is being implemented and that any feedback is actioned. There will also be a contact number for the developer's/contractor's office which will also respond to any complaints or feedback

PLANNING
PRE - CONSTRUCTION
METHOD STATEMENT

PROJECT

Construction of 6 Number Dwellings

for

RK Wilson Builders (GR) Ltd

Date: August 2024

Table of Contents

1.0	**Description of Works**
	Project statements.
2.0	**Programme for the Works**
3.0	**Pre - Construction Arrangements**
4.0	**Welfare Arrangements**
5.0	**Medical Arrangements**
6.0	**Responsible Personnel**
7.0	**Site Security and Access**
8.0	**Site Induction**
9.0	**Person Protective Equipment Requirements**
10.0	**Tool Box Talks**
11.0	**Site Set Up**
12.0	**Temporary Works / Facilities**
13.0	**Hazard Identification / Risk Assessments**
14.0	**Hazardous Materials and Equipment**
15.0	**Plant, Vehicles, Equipment and Special Tools**
16.0	**Equipment and Material Storage**
17.0	**Special Site Safety Rules**
18.0	**Rigging and Slinging**
19.0	**Young Persons (Under 18 Years of Age)**
20.0	**Manual Handling**
21.0	**Working at Height**
22.0	**Emergency Rescue Plan for Falls From Height**
23.0	**Noise and Environmental Pollution**

24.0 **Vibration**

25.0 **Disposal of Waste Materials (Hazardous and Non Hazardous)**

26.0 **Completion Arrangements**

27.0 **Sub Contracted Elements and Control**

28.0 **Safety Policy Statement**

29.0 **Exclusions / Assumptions / Emergency Arrangements**

30.0 **Site Specific Method Statement**

Appendix 1: **Site Layout**

1.0 Description of the Works

The construction of 6 residential dwellings with associated roadways, utilities, landscaping and drainage installation for the project.

Project statements

All works to take into account:

There will be an onsite named Environmental Co-ordinator who will control the environmental issues on liaise with the local community and other interested parties.

2.0 Programme for the Works

Commencement Date: October 2024

Duration of the Works: 18 months approx

Completion Date: April 2026

Maximum Number of People Involved in the Work Activities: Anticipated 10 No maximum

3.0 Pre – Construction arrangements

Liaise with Local Authority Highways Department regarding any street works permits.

If deemed necessary, carry out mail drop to local residents/businesses advising of works and giving contact details of parties involved with the construction works.

4.0 Welfare Arrangements

Welfare arrangements are to be provided by the contractor – all in accordance with the Construction (Design and Management) Regulations 2015.

All welfare facilities shall be established at a safe designated location on site prior to all works commencing.

It is the responsibility of all personnel on site to ensure that the welfare facilities are well maintained and kept in a clean and tidy order.

Welfare facilities to include:

- Canteen area consisting of provisions for warming food and to make hot drinks.

- Warm and cold running water with hand washing and drying facilities.
- Toilet facility
- Mains power will be used to provide adequate warmth and lighting

5.0 Medical Arrangements

Medical arrangements are to be provided by the contractor – all in accordance with the Health and Safety (First Aid) Regulations 1981.

A qualified first aider at work should be on site at the time of works.

Anyone involved in an accident must report immediately to the site manager.

6.0 Responsible Personnel

Personnel directly responsible for carrying out the works:-

The site manager shall be responsible for the day to day running of the site ensuring that all works are running to programme in the safest possible manner.

The site manager is also likely to be the sites environmental co-ordinator and he shall liaise with the local authority and the local residents at regular occasions ensuring that good relations between all parties involved are maintained.

7.0 Site Security and Access

All site personnel are to sign in and out on a daily basis in the register located in the site manager's office.

All visitors coming onto site must wait at the compound and wait for the site manager. Visitors must receive a site specific induction, be wearing all minimum PPE requirements and be accompanied by the site manager or his representative whilst on site.

'Heras' type temporary security fencing shall be erected around the perimeter of the works where required to form a safe working enclosure. Additional fencing and barriers to be installed on the boundary line.

Security gates shall be established to the front of site adjacent to the compound entranceway/ A banksman will be present on the gate reducing the risk of vehicles remaining on the highway.

Adequate warning signage and information signage showing all on site minimum PPE requirements shall be erected to the hoarding fencing and security gates where necessary.

The safe working enclosure shall be maintained at all times.

8.0 Site Induction

All persons coming onto site to include all employees and sub contractors are to receive a site specific safety induction prior to any works commencing to be undertaken by the site manager or his representative. All persons on completion of the site induction process are to sign into the site induction register.

9.0 Personal Protective Equipment Requirements

All PPE issued to operatives and management is strictly recorded, controlled, maintained and cleaned and appropriate training given – all in accordance with the Personal Protective Equipment Regulations 2002.

All minimum PPE requirements shall be adhered to at all times whilst on site as stated within the principal contractors site rules.

Additional PPE to include dust masks, ear defenders, gauntlets, safety visors, fire resistant overalls, disposable overalls etc shall be issued by the site manager when required by the method statements and risk assessments.

10.0 Tool Box Talks

On site training through tool box talks should be issued in accordance with The Construction Design and Management Regulations 2015

11.0 Site Set Up

The following documentation and information should be on site prior to works commencing:

- Method statements with associated risk and COSSH assessments, site specific to each element and subcontractor.
- Health and safety policy statement
- Confirmation of service disconnection
- Insurance details
- Health and safety law poster
- Health and safety plan
- Notification to the health and safety executive (F10 Notification)
- Site documents to include site register, induction register and daily diaries
- Site plans
- Emergency procedures / arrangements
- Employee training certificates
- Plant test certificates
- Sub contractor information

12.0 Temporary Works/Facilities

- Hoarding
- Warning and information signage
- Welfare facilities.
- Support works for excavations

13.0 Hazard Identification/Risk Assessment

The Contractor is to provide details when project finalised

14.0 Hazardous Materials and Equipment (COSHH)

The Contractor is to provide details when design finalised

15.0 Plant, Vehicles, Equipment and Special Tools likely to be used

- Site personal vehicles.
- Hand tools
- PPE / RPE
- Appropriate waste containers
- 360º excavators with attachments
- Dumper
- Crane
- Roller/compactor for highways
- Scaffolding
- Double bunded diesel fuel tank

All plant and equipment will be correctly registered, controlled, maintained, tested and certified by approved bodies and will only be used by competent trained personnel.

16.0 Equipment and Material Storage

All plant, equipment and materials storage will be within the confines of the Heras fencing / designated area of operations.

17.0 Special Site Safety Rules

All operatives will adhere to the site rules as set out by the principal contractor under the Construction (Design and Management) Regulations 2015. Site rules should be posted onto the walls of the site canteen / office.

Should there be a fire on site, all personnel must report immediately to the fire assembly point / muster point

The site emergency telephone is likely to be the site manager's mobile phone.

There is to be no parking on the Highway.

18.0 Rigging and Slinging

All lifting equipment, where applicable, should be maintained in accordance with The Provision and Use of Work Equipment Regulations 1998 and all operatives will be competent and fully trained in the use of the equipment.

All personnel training certificates shall be on site at the time of works.

Testing certificates of all plant and lifting equipment / accessories shall be on site with them at the time of works.

19.0 Young Persons (Under 18 Years of Age)

Where 'Young Persons' are employed on site, the contractor is to ensure that they are protected at work from any risks to their health and safety which are a consequence of their lack of experience, or the absence of awareness of existing or potential risks or the fact that young persons have not fully matured.

20.0 Manual Handling

Manual handling will be kept to a minimum, but where manual handling is required to be carried out, it will only be performed by fully trained personnel in accordance with the 1992 Manual Handling Operations Regulations.

21.0 Working at Height

The Work at Height Regulations 2005 apply to all works at height where there is a risk of a fall liable to cause personal injury. Prior to all works at height a suitable risk assessment shall be made to ascertain the precautionary measures to be taken.

Fixed Scaffolding

Where necessary or where required fixed scaffold systems will be constructed as a means of safe access. The Scaffold will be erected by an approved scaffolding contractor.

All scaffolds will be erected in accordance with The Provision & Use of Work Equipment Regulations 1998 and British Standards BS1129, BS1139, BS5973, BS2482 and BS 5974.

Safety Harnesses

Throughout the works, where working at excessive height is necessary, operatives when not working on a fitted scaffold system will wear a full safety harness.

The types of harness used will conform to BS EN 354, 355, 358, 361-365. The harnesses should be inspected every 3 months and a record will be kept of the inspections.

22.0 Emergency Rescue Plan for Falls from Height

In the event of an incident if the fallen man is conscious a maximum time of 15 minutes should be used to get them down to safety. If they are unconscious this time is reduced to 5 minutes. If these times are exceeded no action shall be taken until the emergency services arrive.

23.0 Noise and Environmental Pollution

There will be an onsite named environmental co-ordinator who will control the environmental issues on liaise with the local community and other interested parties.

On-site noise levels should be monitored regularly, particularly when changes in machinery or project designs are introduced, or in response to complaint. Annex E of BS5228: Part1: 1997 provides guidance on noise measurement methods

The plant and equipment to be utilised for the work has been selected so as to keep the noise levels to an absolute minimum. All plant and equipment being used should be inspected / serviced at regular intervals and maintained when necessary.

Should noise levels exceed 80dB(A) then appropriate hearing protection should be made available to all personnel working within the area on request.

If noise levels exceed 85dB(A) all persons working within the area must wear the appropriate hearing protection and this shall be policed by the demolition contractors management. In such circumstances warning signs shall be erected and the area shall be deemed an area requiring ear protection.

Tool box talks shall be given where the noise levels exceed 80dB(A) to warn all persons of the high noise levels, what damage this can cause and how to prevent this from occurring.

Working hours for this site are likely to be 07.30 – 18.30. There shall be strictly **NO** plant works outside of these hours.

All pieces of plant and equipment shall be positioned accordingly on site so as to cause minimum disturbance to local residents.

The noise levels shall be monitored on a regular basis.

All works should be carried out in accordance with the Environment Agency ‘Pollution Prevention Guidelines’ including ‘PPG6 'Guidance for working at construction or demolition sites’

Environmental pollution will be kept to an absolute minimum and damping down will be carried out as required by site conditions.

Silt barriers will be used to protect the watercourse as required.

All contamination identified within the ground survey to have remedial action carried out as identified in the ground investigation report.

Any fuel stored on site is within a fully bunded temporary fuel storage tank and will ensure all plant is fully maintained to minimise any risk of oil leakage

24.0 Vibration

Plant and equipment to be utilised for the work operations is selected to keep workers' exposure to vibration to an absolute minimum. Technical data on vibration levels for each item of plant or equipment is to be obtained and where exposure levels exceed 2.5m/s² on a regular basis, a programme of preventative measures and health surveillance is to be implemented.

25.0 Disposal of Waste Materials (Hazardous and Non-Hazardous)

Disposal of all waste materials will be in accordance with current regulation requirements. Any hazardous waste will be transported by a registered carrier to a licensed tip – strictly in accordance with the Hazardous Waste Regulations 2005.

Waste/contamination identified in the ground investigation report to be disposed of in accordance with their testing and recommendations.

All waste carriers should have debris netting covering loads when leaving site.

26.0 Completion Arrangements

On completion of each property all services/utilities will be connected and full and safe access will be provided.

On completion of the works the plant, equipment and temporary facilities will be removed from site and the area of operations left in a safe, clean and tidy condition.

All properties to be listed with the Environment Agency for flood risk communication.

27.0 Sub-Contracted Elements and Control

Prior to the employment of any sub-contractors, they should complete a pre-qualification contractors questionnaire. This enables the Contractor to assess the competence and adequacy of contractors prior to the placing of any orders. All contractors should undergo site inductions prior to commencement of their works on

site and they are to be involved in site progress meetings, tool-box talks and other relevant site procedures.

28.0 Safety Policy Statement

The health and safety policy statement of the contractor shall be on site prior to works commencing.

29.0 Exclusions / Assumptions / Emergency Arrangements

Emergency procedures are to be detailed in 'special site safety rules' and as described in the appointed Contractors Health and Safety Policy.

30.0 Site Specific Safety Method Statement

30.1 The temporary security fencing to the site will be in place immediately next to the public highway and site boundaries. Consideration will be given to progress the permanent fencing.

30.2 Decontamination to be carried out in accordance with the Ground Investigation report

30.3 Works to provide permanent access to will comply with the New Street Works Act 1991 and all personnel should be suitably qualified for this work. All signage is to be compliant with the New Street Works Act 1991. Detailed method statements to be agreed which should minimise any disruption to the flow of traffic with the Local Authority Highways Department.

30.4 Where works to the Utilities and highways are beyond the site boundaries specific method statements and risk assessments will be prepared which will be in conjunction with the Local Authorities and Utility Companies requirements. All signage is to be compliant with the New Street Works Act 1991. Detailed method statements to be agreed with the Local Authority Highways Department.

30.5 The surface water drainage system will be installed in accordance with the designers specifications which will take into account the sequencing of the works when installing the utility/service runs and feeds to each individual property.

30.6 Brickwork will then be installed on a rolling programme with scaffolding being installed as works progress.

30.7 The deliveries of floor and roof members will be delivered direct to the site and where possible off loaded by crane direct into position on each plot.

30.8 Once plots at plate level craneage will occur from the temporary access roadway to ensure that there is no oversailing into the highway.

30.9 Internal fitout of plots will be carried out on a rolling schedule as the build of each plot progresses.

30.10 Prior to completion the road passing points will have the top/wearing coat applied.

30.11 All welfare facilities to comply with the Construction (Design and Management) Regulations 2015 and shall be delivered onto site and established at a safe designated location. These shall be supplied by the contractor.

30.12 All persons coming onto site shall receive a site specific safety induction to be undertaken by the site manager or his representative.

30.13 All persons coming onto site shall be required to sign into the site register upon arriving onto site and out when leaving. This shall be located within the site managers office.

30.14 All persons shall be required to comply with the site minimum PPE requirements of hard hat, safety footwear and hi visibility jacket.

30.15 Any visitors coming onto site shall be allowed only in the company of the site manager or his representative.

30.16 Hoarding complete with warning signage stating ‘DANGER CONSTRUCTION KEEP OUT’ shall be erected around the site where required to secure the safe working enclosure.

30.17 Plant shall be delivered onto site in accordance with the sequence of works.

30.18 All vehicular traffic wanting to come onto site shall enter under close banks men control, adhering to all conditions as stated within the traffic management plan. All banks men are competent and trained in the use of specialist hand signals.

30.19 The double bunded diesel fuel tank shall be stored at a safe designated location on site away from all major works, sources of ignition and water courses.

30.19 Only trained and competent personnel shall be allowed to operate the plant.

30.20 All processed materials shall be removed from site via suitable 8 wheeler tipper lorries, to be loaded by the 360º excavator with attachment.

30.21 All plant, equipment and machinery shall be removed from site.

30.22 The site shall be left in a clean, tidy and safe condition all to the satisfaction of the client.

30.23 All vehicles leaving site will be inspected for mud and debris on their wheels and any significant items removed before removed from the wheels before entering the highway.

30.24 This preconstruction safety method statement should be amended and developed to individual method statements as the works proceed, where methods of working or site circumstances alter from that originally envisaged.

Appendix 1

Proposed Site Layout

