

ROATH CONSTRUCTION LTD  
CONSTRUCTION PHASE PLAN



17 LYON STREET. SOUTHAMPTON. SO14 0LD  
MARCH 2024

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# CONSTRUCTION PHASE PLAN REVISION SHEET

Issuer	Date of issue	Rev	Approved by	Date
Michael Roath	11/01/2024	Construction	Peter Roath	12/01/2024

## INTRODUCTION

This Construction Phase Plan has been produced to comply with the Construction Design and Management (CDM) Regulations 2015, Reg 13 (1a) and is set out as appendix 3 in the ACoP, Managing Health and Safety in Construction (HSG L144).

As the Principal Contractor we will:

- Address the health and safety issues likely to be involved in the management of the construction phase.
- Plan, manage and monitor the construction phase providing adequate resources and competent site management that is appropriate to the risks envisaged during the project.
- Provide contractors with the necessary information about the project that they need in order for them to carry out their work safely and without risk to health.
- Facilitate the co-ordination, co-operation and communication between contractors on the site.
- Liaise with the Principal Designer on design and its implications for the plan, and provide information on any temporary works.

## **Project Description**

New Build of a 3 storey residential dwelling

### **Location**

17 Lyon Street. Newtown. Southampton. SO14 0LD - New Build

### **Scope of Works**

Description of works

17 Lyon Street. Newtown. Southampton. SO14 0LD - New Build

- New foundations
- Additional ground works to include sewer pipes
- New Services inc, Elec, BT, Gas, Water & Sewage line
- Erect masonry to DPC level
- Screed or install timber ground floor
- Erect masonry to 1<sup>st</sup> floor level
- Install timber joist
- Erect masonry to 2<sup>nd</sup> floor level
- Install timber joist
- Erect masonry 3<sup>rd</sup> floor level
- Install timber joist and roof trusses
- Install roof tiles, fascias, soffits and guttering.
- New utilities.
- New m&e works
- First and second

The structures consist mainly of brick cavity walls with block & beam floor designed into the ground floor structure.

## Details of project team

Client	Roath Group Ltd
Address	70 High Street Fareham. PO16 7BB
Tel:	07547169524
Contact:	Peter_roath@hotmail.com
Principle Designer	Michael Roath
	70 High Street Fareham. PO16 7BB
Tel:	07810040256
Contact:	michaelsinghroath@msn.com
Architect	RS Studio
Address	15 Rockstone Place Southampton SO15 2EP
Tel:	01727 260177
Contact:	ranjeet@rs-studio.co.uk
Principal contractor	Roath Construction Ltd
	70 High Street Fareham. PO16 7BB
Tel:	07547169524
Contact:	Peter_roath@hotmail.com
Structural Engineer	Aftaab Deader
	15 Evelyn Crescent Southampton SO15 5JF
Tel:	07934762048
Contact:	Aftaab.deader@gmail.com

## Programme

Construction Start Date	1 <sup>st</sup> May 2024
Construction Programme	52 weeks
Completion Date	30/04/2025

## Site Layout

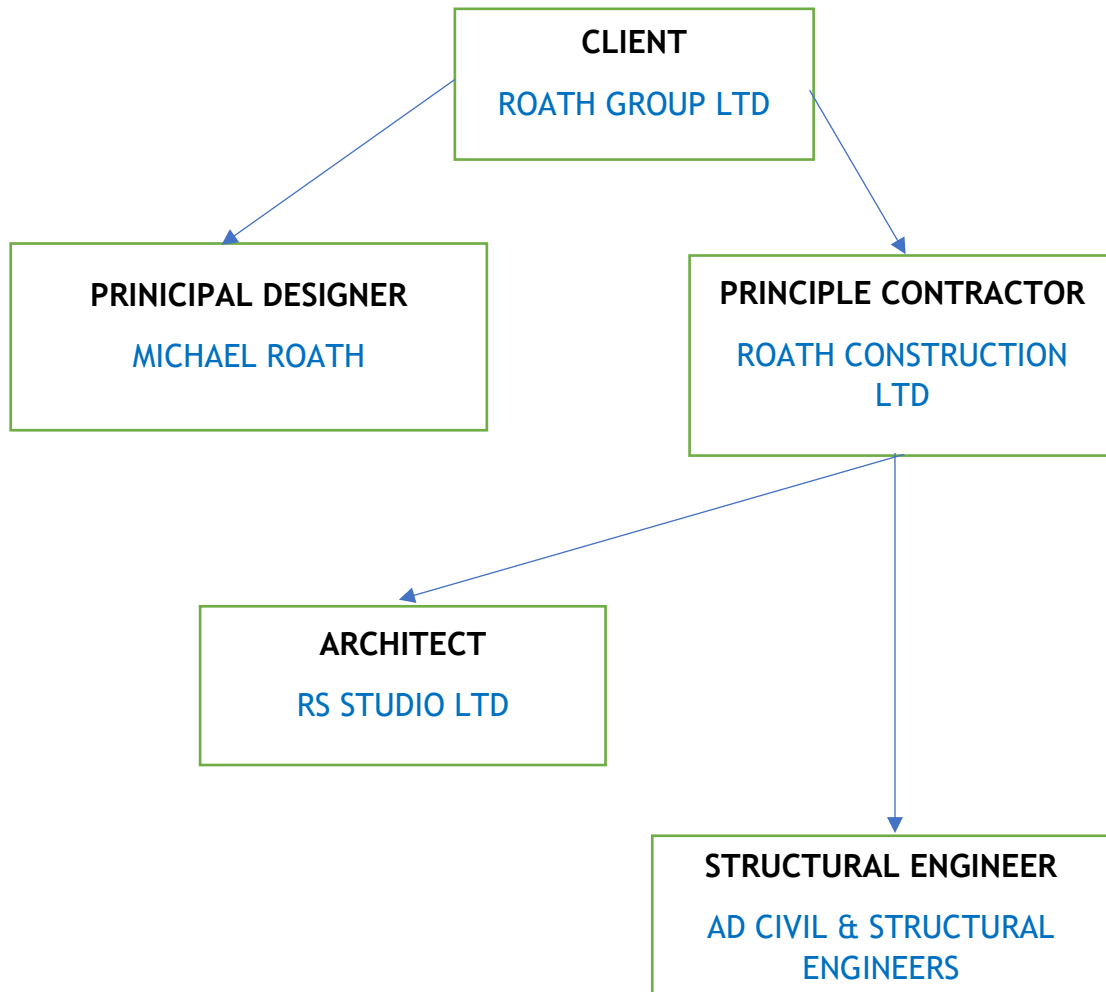
- Welfare - within the compound
- Entrance - Main entrance on Lyon Street
- Storage - Internally and to the rear of site
- Parking - Via Cranbury place and deliveries via Lyon Street

Approximate locations of services are shown on Statutory Authority Drawings; however the Principal Contractor will make himself aware of the layout of the site and locate any services prior to the commencement of works.



# Management of the works

## Management structure



## **Management responsibilities**

Overall control of the site safety will remain the responsibility of the Site Manager, who will be competently trained to manage all site eventualities with the assistance of the safety consultant.

## Health and Safety Goals for the Project

This project team has the following goals:

To achieve, as far as is practicable, a site with zero harm.

- To conduct health and safety visual inspections on a regular basis.
- To conduct Health, Safety & Environmental Monitoring.
- To ensure toolbox talks are conducted where possible.

## Clients Project Objectives

To implement the “General Principles of Prevention” during the design and construction and to ensure that consideration is given to neighbouring properties which are to remain occupied throughout the period of the works.

## Arrangements for Monitoring and Review of Health & Safety

### Performance

Monitoring will be conducted daily by our Site Manager, who will maintain a constant presence on site. The Site Manager will conduct his own internal site checks on a daily and weekly basis. Our independent Health and Safety Advisors can further check these on a regular basis. Subcontractors are expected to conduct their own individual monitoring of site works in addition to this and their ability to do so is checked prior to awarding contracts with them.

Regular Liaison between Parties on site/ Consultation with the Workforce

A positive health and safety culture has effective co-operation and communication at its heart. Roath Construction Ltd has the following liaison procedures in place.

Brief meetings	All	Daily
Workplace/ Progress Meetings	All	Daily
Site Safety Induction	Site Manager with Operatives	As Required
Toolbox Talks	All	Every 2 Weeks
RA/MS Briefings	All	Before starting site

## Exchange of Design Information and Design Changes

Roath Construction Ltd will liaise with the Principal Designer/Client regarding design carried out before and during the construction phase, including design by specialist contractors, enabling the Principal Designer to carry out the Principal Designers' duties required under Regulation 11 of CDM Regulations 2015.

Design meetings may be held pre-construction and during construction. The Client, Principal Designer and Contractors will attend these as required.

Any changes to the initial design or additional design works which may include temporary works will be reviewed with regards to the health and safety aspects of the construction. The Principal Designer will be informed of any temporary works that may be required in order for the construction works to progress.

## Selection and Control of Contractors

This requires (if applicable) that all contractors be evaluated to prior to selection. Where high-risk activities are being undertaken the H&S Advisors will be notified by the contracts management team to aid in the evaluation process.

The Site Manager with assistance from the H & S Advisors will collectively review risk assessments and method statements (RAMS) issued by sub-contractors prior to commencement on site. Additionally, the H & S Advisor will review all high-risk activities and ensure that safety systems of work are agreed prior to start.

## Site Security

The site security measures for this project are as follows:

Boundary Fencing/ Hoarding	Secured Entry Points and Gates to the premises
Working at Height	Specialist contractor RAMS on Roofwork
Signing-In Procedures	Site Register
Identification of site personnel	People working on this project will wear their own company livery.
Alarm System(s)	N/A
Deliveries	Pre-booked in line with avoidance of school runs
Lockable Cabins	N/A

## Site Inductions & On-Site Training

Project specific site inductions & toolbox talks shall be carried out for all persons required to work on site. A short site-specific induction will be presented to operatives and will be delivered by the site manager prior to the individual being allowed to start work on site.

Visitors to site will receive a shorter induction if they are to be accompanied - otherwise the full site induction will be presented. Operatives will be provided with on-site training for specific activities as required.

Roath Construction Ltd, if required will deliver any hazardous aspects of all operations via toolbox talks. Face to face communication of safe working methods is considered to be a far more effective method of communication than the provision of documents. Evidence of the communication will be provided from the company if required.

## Welfare Facilities

The details for welfare facilities for this site are shown below. It is advisable for this project that a suitable oasis unit are placed on site to provide welfare facilities. Should this not be feasible then a local amenities and food outlets are close by to provide any welfare facilities such as hand washing and rest areas.

Other aspects are listed below,

The welfare facilities provided by Roath Construction Ltd for this project are as follows:

Maximum No. of persons on site	10
No. and type of toilets	1 Internal
No. of Mess Rooms	1
No. of Drying Rooms	1
No. of Shower Rooms	1
Type of Water Supply	Mains
Equipment for heating food	Microwave or refer to above underlined
Equipment for hot drinks	Kettle or refer to above underlined.
Method of heating	Electric
Type of lighting	Electrical under reduced voltage transformer
Housekeeping Arrangements Provision of catering facilities	As work progress.

## First Aid

Roath Construction Co Ltd are obliged to provide a level of 'first aid' cover for all those working and visiting on site. The role of this appointment includes looking after the first-aid equipment and facilities and calling the emergency services when required. Due to the number of operatives on this project an appointed person will be sufficient but a qualified first aider will be present.

The site appointed first aider or appointed person for this project is:

Name	Kirpal Roath
Roath Construction Ltd	Site Foreman

The first aid requirements for this project are as follows:

No of first aid boxes & size:	1 x 50 person
Principle location of first aid box	At main front entrance

## Reporting and Investigation of Accidents and Near Misses

In the event of an accident or incident on site, the priority will be to make the area safe and to ensure that any injuries are dealt with swiftly. Procedures outlined below that may follow such an incident are designed to enable Roath Construction Ltd to determine the causes of the incident in order to be able to prevent a recurrence.

Following any accident/incident or near miss, the Site Foreman will contact the safety consultant Rich Bulley for advice. The purpose of this is to gather information as early as possible for the appropriate procedures to follow. Such procedures may include taking witness statements and photographs, calling in the Health and Safety Advisors or in the most serious cases, ensuring of the reporting the accident to the HSE under RIDDOR.

The requirement to report all incidents, method of recording and location of blank incident reporting sheets will be communicated to persons working on the project during the site induction.

Where any accident is reportable to the Health and Safety Executive the employer of the injured person will be responsible for ensuring it is reported, a copy of the F2508 will be filed (confidentially) on the site. Where a contractor does not provide evidence of reporting to the Health and Safety.

Executive the project's contracts management team will report it directly to the Health and Safety Executive on behalf of the contractor.

Investigations will be carried out and risk assessment reviews undertaken following the investigation.

Where lessons can be learnt Safety Alerts, Toolbox Talks, Information Sheets or other appropriate media will be used to communicate the information across the Company.

Significant near misses will be treated in the same manner as an accident with appropriate investigations undertaken.

## Risk Assessments and Safe Systems of Work

Risk Assessments will be taken for hazardous operations involved in the project. Method statements and permit to work systems will be introduced as applicable, and these will be mandatory for high risk activities.

Roath Construction Ltd expects risk assessments from Subcontractors (if applicable) to follow the format advised in the HSE guidance: “5 Steps to Risk Assessment” and will check risk assessments follow this procedure before allowing a subcontractor to start work.

Where additional contractors are used to undertake the works, the safety team can review the risk assessments and method statements (RAMS). Where the work is identified as high risk additional support will be provided by the H&S Advisors.

Specialist Contractors will not be allowed to work on this project **until they have** provided relevant RAMS as appropriate and received a positive review back from the contracts management team.

Where required, a permit to work shall be issued by the site manager, the persons issuing and receiving the permit will sign it off and a copy of the permit will be held by both parties, when the work is complete the appointed person will check the work area before closing out the permit.

Permits for this project may include:

- Permit to carry out hot works
- Permit for work at height
- Permit to break ground
- Permit to enter confined spaces
- Permit to work on live electrics

It is anticipated that permits may not be required for this site apart from break ground to ensure no services are damaged, in this scenario the contractor must produce results of the relevant CAT scan prior to works. When required Roath Construction Ltd will make contact with their safety advisors.



## Site Rules

- Report to the site manager on arrival each day.
- Attend the short verbal site induction.
- Read and work to your risk assessment/method statement - if you have any problems with the contents raise these with your site manager immediately.
- Wear the minimum Personal Protective Equipment at all times.
- Wear additional Personnel Protective Equipment when it is deemed necessary for any specific undertaking or activity.
- Ensure tools are secure when left unattended preventing unauthorised use.
- Do not use loud radios on site.
- Do not consume food or drink on site other than in the designated welfare areas.
- Any operative suspected of being under the influence of drugs and/or alcohol will be told to leave site.
- Inform the site manager of any prescribed medicines or medical conditions that may be relevant.
- Do not interfere or misuse anything provided in the interests of health and safety.
- If you require an adaptation to scaffolding inform the site manager straight away.
- If you see any hazardous situations, tell the site manager straight away.
- Keep the site in a tidy condition - trips and slips cause the majority of site accidents.
- *§ Store equipment only in the designated areas.*
- Report all incidents, spills, near misses & accidents to the Site Manager.
- Be familiar

### Additional Client Site Rules:

- No smoking within the scheme boundaries, only designated areas.
- All reversing vehicles must be marshalled until the vehicle is ready to be driven forward.
- Deliveries using mechanical handling equipment such as skip delivery or HIAB lorry mounted
- cranes will be under the control of a slinger/signaller usually provided with the driver.
- All working areas to be kept tidy.
- Special instructions or restrictions to apply to visitors to the site, including the need for safety
- helmets and high visibility jackets and compliance with safe working procedures.
- Traffic for all pedestrian routes must not be affected and public protected at all times.

Severity	Action	Card
Minor Breaches	Verbal Warning	Yellow
Major Breach	Operative is asked to leave site; return at the discretion of the Site Manager	Red

## Fire and Emergency Procedures

Access for emergency vehicles	17 Lyon Street in front of building
Fire assembly points	Grass area opposite 9 Cranbury Place
Names of fire wardens	Site Foreman
Types of extinguishers	1 Co2 and 1 Foam on each floor
Location of extinguishers	At all entry points per floor
Means of raising the alarm	Advising others
Flammable material storage areas	N/A

Hot works permits required for:	Activity	Location	Contractor
Ground workers	Cutting steel	Foundations	TBC
Plumbers	Braising & welding	Internal first fix	TBC

The fire and emergency procedures shall be reviewed at regular intervals throughout the project's duration or following any incident.

## Location of nearest Accident and Emergency Department

<b>Name of hospital</b>	Royal South Hants (NOT A 24HR HOSPITAL)
<b>Address</b>	Brintons Terrace, Southampton. SO14 0YG
<b>Tel:</b>	023 8054 0087
<b>Distance in miles</b>	0.3 miles

<b>Name of hospital</b>	Southampton General Hospital
<b>Address</b>	Tremona Road, Southampton. SO16 6YD
<b>Tel:</b>	023 80 777222
<b>Distance in miles</b>	4.1 miles

<b>Fire Emergency</b>	999 or 112 from a mobile phone
<b>Electricity Emergency</b>	0845 770 80 90
<b>Gas Emergency</b>	0800 111 999
<b>Water</b>	0845 920 0800
<b>Health and Safety Executive</b>	0845 3450055

**Important:** In the event of a serious accident, an ambulance must be called to transport the injured person to hospital. Please be aware that using private cars can be dangerous, particularly as there may be injuries that cannot be seen.

## **Arrangements for Controlling Significant Site Safety Risks**

The following are key points from the Pre-Construction Information at this stage of the construction works.

### **Delivery and Removal of Materials to Site**

Access and Egress to the site will be via 17 Lyon Street with a side gate access to rear of property.

Deliveries will be advised of any restraints around the site or the type of vehicles at the time of placing orders.

Further information will be available from site manager or safety team.

### **Services: Water, Gas, and Electricity including temporary supplies**

All existing services installed on the site will be recorded so that they can be protected against accidental damage. The location of services will be marked on site where possible after being CAT scanned.

### **Adjacent Land Use**

The land sits within an area surrounded by residential properties. Every precaution will be made to prevent minimal disruption to any third parties.

#### **On other neighbours**

Neighbours will not be affected by any traffic or parking arrangements as there is ample contractor and visitor parking either at the rear of the compound or across the road in a public car park. Limited parking spaces are available at the front of unit.

To limit the effect of noise pollution on neighbours, noisy activities will only be carried out between 08.00 and 16.30

## **Measures to accommodate affect, e.g. delivery times near schools/ restricted hours**

Working hours on this site are from 08.00 to 16.30. There are no schools within the local area that will be affected. Hauliers will be made aware of traffic restrictions around the site.

The residents will be contacted prior to the commencement of site activities and provided with the contact details of Roath Construction Ltd so they can raise any concerns regarding the works.

## **Stability of Structures**

It is not anticipated that there will be any issues regarding the stability of structures during the project

## **Working at Height/Preventing Falls on site**

It is not anticipated that there will be any issues regarding the working at height during the project.

Scaffolding will form a part of the phase to which all operatives will must adhere to, plus the scaffolding must be tagged and recordings regularly inspected.

## **Work with or near fragile materials**

There is not anticipated to be any work involving access to potentially fragile surfaces during the construction.

## **Controlling of Lifting Operations**

Lifting Plans will be required for the following operations on site:

Lifting operations that do not require a Lifting Plan (such as standard lifts by forklift or excavator) will require a lifting checklist to be completed by the site team.

## **Maintenance of Plant and Equipment**

All plant if required, the user will inspect regularly. A weekly report sheet will be required from each contractor for the plant that they have on site. Certificates required for certain plant on site would be presented to the Site Management prior to its use.

Small tools will be 110v, 240v with a breaker at source, or battery powered. Electrical hand held tools will undergo a Portable Appliance Test at regular intervals.

## **Traffic Routes; Segregation of Vehicles and Pedestrians**

The Traffic Plan, which will be discussed on site, will cover the following: -

- Access, Egress and delivery areas
- Vehicular/pedestrian access/egress from site
- Segregation of vehicles/plant and pedestrians/operatives
- Material unloading areas

## **Storage of Hazardous Materials and Work Equipment**

Roath Construction Ltd are aware of their responsibilities and any such materials will be suitably stored in areas where they will not affect others or the environment. The arrangements for storage of such items will be detailed in the risk assessments/method statements provided by subcontractors.

## **Arrangements for Controlling Significant Site Health Risks**

### **Asbestos**

N/A

### **Manual Handling**

Manual handling will be reduced as far as is reasonably practicable by the use of mechanical means.

Where possible the manual handling risk will be reduced through the use of mechanical methods.

Sub-contractors (if applicable) will be required to consider the risk of manual handling tasks through their risk assessments and method statements.

### **Use of Hazardous Substances**

COSHH assessments will be produced by the employers of those affected for hazardous materials used during the construction phase. COSHH assessments will be presented and explained to operatives.

Specialist chemicals known to be involved in the work: N/a

## **Reducing Noise and Vibration**

Noisy activities will be minimised where practicable. Suitable PPE will be worn. The standard required will be identified within the risk assessment and will be communicated to the operatives. Where necessary hearing protection zones will be established and clear signage posted to indicate their boundaries. It is anticipated that the activities of this project will not exceed or even approach high levels of noise.

## **Other Considerations**

No further considerations.

## **Arrangements for Compiling the Health & Safety File**

### **Responsibilities**

Roath Construction Ltd will assist the Principal Designer in compiling the Health & Safety File during and at the end of the project (if applicable).

### **Health & Safety File Contents**

The layout and format of the file and methods of collecting and storing information will be as specified in the Pre-Construction Information document provided by the Principal Designer. However it is not anticipated that a Health and Safety file will be required for this project.