



Foul Drainage The Site, Tile Barn

FOUL DRAINAGE – HARDBASE CONSTRUCTION LTD
VERSION: 2.0 DATED: 09/09/2021
COMPILED BY: JAMES ROBINSON - DIRECTOR

HARDBASE CONSTRUCTION LTD, 4 CARTER ROAD, CHICHESTER, PO19 6DN

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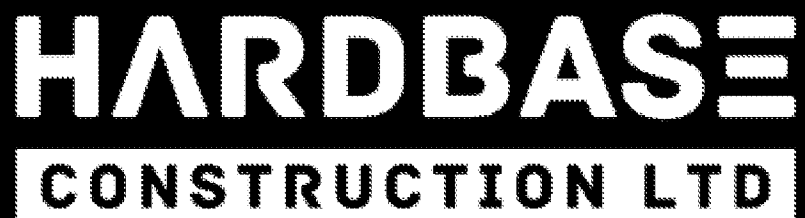
COMPANY DETAILS:

Company Name	Hardbase Construction Ltd
Registered Address	Bluespire, Cawley Priory, South Pallant, Chichester, West Sussex, PO19 1SY
Company Number	10397209
VAT Number	254-0562-22
Contact:	
Key Personnel	Director / Site Manager – James Robinson Foreman – Brett Potter Health and Safety – Tim Hill Plumbing Division- Daniel Delaney Electrical Division – Steve Stanton Carpentry – Sam Edwards Groundworks – David Jackson Roofing – Dave Hall
Sub-Contractors	As required
Request By:	Matt Lonsdale
Address:	9 Charlotte Avenue, Chichester, PO19 6DU
Contact:	

Project Name:	The Site, Tile Barn
Project Location:	The Site, Tile Barn Farm, Hill Lane, Barnham, PO22 0BL
Project Planning By:	Hardbase Construction Ltd 4 Carter Road, Chichester, West Sussex, PO19 6DN
Project Planner / Contact:	

THE SITE LOCATION





Hardbase Construction Ltd Foul Drainage Method Statement

Address: Hardbase Construction Ltd, 4 Carter Road, Chichester, PO19 6DN

Contact name: James Robinson

Project / Contract	The Site, Tile Barn Farm
Objective	Installation and connection of New Drainage pipe to and existing mains foul system
Contractor	Hardbase Construction Ltd
Site Address	The Site, Tile Barn Farm, Hill Lane, Barnham, PO22 0BL
Project Start Date	TBC
Expected Duration	TBC
Projected Completed Date	TBC

	Name	Title	Signature	Date
Document Author	James Robinson	Director		20/08/21
Authorised by	Tim Hill	H&S Practitioner		20/08/21
Authorised by (for Client)				

Emergency Contact Details			
Contact	James Robinson		
Tel	N/A		
Mobile	07511-332370		

Assessor's Name	Assessor's Signature	Persons Affected by This Risk Assessment
James Robinson		James Robinson – CSCS Card Holder Sub-Contractors Hardbase Staff

This method statement is to be read in conjunction with the relevant Risk Assessments and explained to all team members attending site - before work commences.
Any variations to this method statement must be authorised by the responsible person.
Signatures for verification that this method statement has been explained to all.

Control Measures	• Banksmen present throughout the works. • No unauthorised persons allowed on site during excavations. • Excavations are inspected before, during and after works, also after inclement weather. • The excavations are fenced off at the end of the working day. • Excavated spoil is kept a minimum of 1.5 m away from the excavation. • Warning signage is always posted. • Personal Protective Equipment (PPE) is to be always worn.
Welfare	• Site Office • Drinking Water • Wash Sink • Toilet • Heater • Eating Facility
Risk Assessments	• Welfare • Excavation • Plant and Machinery • Hand Tools
Hazardous Substances	• Flammable's • Sealents
COSHH Assessments	

PPE Requirements	• High-Viz Vest • Steel Toe Cap Footwear • Hard Hat • Goggles • Gloves • Dust Mask's (P2 minimum)
Tools and Equipment	• Heavy equipment • Hand tools • 110v, 18v & 54v Tools • Breakers • Tracked Excavator • Dumper Forward Tipping • 18t Grab Lorry • Cable Avoidance Tool (CAT) • Drag Box • Pipe Laser
Emergency Procedure	• FIRE – If minor, immediately sound alarm and alert all those present within the premises / site area and tackle same with onsite fire extinguishers if safe to do so. Call 999 if not brought under immediate control. If major, evacuate building / site / area and call 999. Report in accident book and RIDDOR. Notify H&S Advisor to investigate. • ACCIDENT – Report immediately to site supervisor and inform first aider on site. Action to be taken as per company Health and Safety Policy. • First Aid Box Location: Company Vans / Office on site • Accident Book Location: Company Vans / Office on site.
Comment / Notes	• All workers are responsible for taking care of their PPE. • Whenever possible use mechanical lifting equipment and keep manual handling to a minimum

Procedure

- The new drain positions will be set out by a competent person.
- Using the CAT – ensure that there are no existing services in the area and confirm with previous as-built drawings if any are available.
- Levels of existing connection points are to be confirmed (if required).
- A trench will be excavated along the line of the new pipe.
- All foundations will design to prevent loads transferring on to the sewers
- Ensure level integrity by using the pipe laser or a manual level.
- Ensure the maximum depth is 1m and the width is 600mm.
- Ensure a base of sand is in place prior to the installation of the pipes.
- Enter the excavation only whilst connecting the pipes.
- Pipes will be installed as per the design specification e.g. Sand base, concrete surround, back fill with the excavated material.
- Air testing will be carried out prior to back-filling to ensure the pipes are installed correctly and sealed in accordance with the manufacturer's guidelines.
- New manholes will be constructed where required and steps taken to avoid disruption of existing flows.
- Record as-built information including locations and invert/cover levels.
- Ensure system is separate to surface water
- Ensure installation complies with Part H of the Building Regulations and Table 1
- Excavation depths;
Minimum 1.0 m.
Maximum 3.2 m
- Surface water line will be excavated after installation of foul line has been completed

CONTRACTOR INFORMATION SHEET

The following method statement has been developed to provide a safe system of work and must always be adhered to, any significant deviation from this system must first be authorised by your manager or safety representative.

Please read the entire sheet before beginning the procedure, if you have any questions, please contact your manager or safety representative.

The main hazards to your safety and health are:

- Falling from height.
- Injury from incorrect manual handling.
- Injury from contact with electricity
- Injury from slips, trips and falls.
- Working with hazardous substances.
- Vehicle hazards.
- Injury to other staff or members of the public.
- Inadequate lighting.
- Possible presence of asbestos in buildings built before 2000.

Preventative measures you must take:

- You must be competent to carry out the task.
- You must be competent and have received training to work at height.
- Barriers and/or warning signs must be placed around the work area, where risk assessment has deemed necessary.
- Visitors and other members of staff are prohibited from entry unless accompanied by a competent person; all visitors will be issued with personal protective equipment where appropriate.
- You must be trained and competent to use hand tools, mains voltage and battery power tools.
- You must not lift beyond your capabilities, get help if necessary.
- You must follow all directions given by the manager or his agents.

Personal protective equipment you must wear:

- Safety boots (always)
- Eye protection (when drilling or chipping etc.)
- Hearing Protection (when drilling)
- Overalls (Type 5)
- Gloves
- FFP3 face mask

Environmental protection measures you must take:

- You must dispose of waste and packaging to the designated area provided for waste.
- Hazardous substances and packaging must be disposed of in compliance with manufacturer and local authority guidance.
- Consideration must be given to potential for exposure to asbestos in buildings constructed before 2000.

Quality Control

- Adhere strictly to the following procedure to ensure quality of service.
- If in doubt contact your manager for clarification before proceeding.

Staff and Training

The works will be carried out by staff from **HARDBASE CONSTRUCTION LTD**. All members of staff are experienced and have been deemed competent to carry out tasks requested of them. A responsible person will be appointed to each job who will supervise all works and be responsible for quality and safety. Apprentices and young workers will always be supervised and are not allowed to carry out tasks for which they have not been trained.

Vehicle Safety

All company vehicles are subject to a planned maintenance and inspection program. Staff responsible for vehicles will carry out daily and weekly checks to ensure continued roadworthiness. All drivers will comply with road traffic regulations and the Highway Code. All loads will be securely fastened to the vehicle by competent persons prior to travel. Drivers will take planned breaks on long journeys.

PPE

All site workers will wear hard hats, safety boots and hi-visibility vests always; other items of PPE such as dust masks, eye protection, ear protection and gloves are available to be worn as and when necessary.

Preparation and Induction

A risk assessment will be prepared for each task which will be discussed with members of staff, any queries or concerns will be dealt with prior to starting work. Staff will be inducted on to site and will be expected to follow all rules and safety procedures.

Manual Handling

All members of staff have been instructed on the potential dangers of manual handling and staff will not lift items or equipment beyond their capabilities. Heavy or awkward items will be broken down into smaller units or dual lifted where this is not possible. It is the responsibility of the site foreman to assess every situation that requires manual handling and enforce control procedures where he/she deems necessary; where practical, mechanical aids should be available and used.

First Aid

It is the responsibility of the company to ensure adequate first aid provision for its staff. Adequate means provision of a trained first aider, suitable first aid equipment and/or the provision of an appointed person at the minimum.

A trained first aider will be a suitable person who has attended a recognised course and attends a refresher course every year and a full course every 3 years.

Access and Egress

On construction sites, the Principal Contractor is responsible for providing safe access and egress to the site; **HARDBASE CONSTRUCTION LTD** staff will ensure safe access and egress is maintained for themselves and other contractors/members of the public in the area they are working in. Good standards of housekeeping will be maintained by all staff. Warning notices and barriers will be deployed as required. Debris will be cleared away on a regular basis and the site left clean and tidy at the end of a shift or task.

Working at Height

Falls from height remain the single biggest cause of work-related death in the UK.

Due to the nature of this work falls from height are an obvious and ever-present risk. All employees have been made aware of the dangers and consequences of falling from height; therefore, all working at height will be properly planned, organised and supervised. Only competent members of staff will be allowed to work at height, and it is the responsibility of the site foreman/senior person to ensure conditions are safe before allowing any work at height to take place.

The foreman/senior person will carry out a risk assessment before allowing work at height and put in place equipment and measures to prevent falls occurring. Where he/she cannot eliminate the risk of a fall he/she will put in place measures and equipment to minimise the distance and consequences of a fall, should one occur.

Guidelines on Safe Operating Procedures

Operatives are trained and competent in ladder use; ladders will only be used without fall protection where the work is light and of short duration AND where the operative can complete his task by maintaining 3 points of contact on the ladder i.e. both feet and at least one hand.

Ladders must be Class 1 or EN 131 Industrial grade and be in good condition and located properly prior to use, i.e. the foot of the ladder should rest on a firm, level, non-slippery surface, and should be footed or tied on the stiles to prevent slipping. Proprietary stabilisers and other equipment could be used where there is a risk of ladders slipping, or if it is uneven ground. Ladder stand offs could be used where access to the roof is required, and the ladder will extend a minimum of 1.05 metres above the gutter. Ladders should be set at a base to height ratio of 1:4.

Contractor/Visitor Safety

HARDBASE CONSTRUCTION LTD will liaise with other contractors' staff on a day to day basis and ensure they are aware of the risks present during the works. Staff and contractors will not leave any area of work in a dangerous condition or with risks to themselves, other contractors, tenants, or visitors; all tools and equipment will be cleared to secure storage at the completion of each shift. Scaffold, ladders and any other access to height will be made inaccessible.

Tools and Electrical Equipment

All items of tools and equipment will be visually inspected on a regular basis and, prior to use, defective or damaged equipment will be removed from service. Electrical tools will be 110V maximum, battery powered tools will be used where possible. Subcontractors will not be allowed to bring on to site any damaged or defective tools, the site foreman is responsible for ensuring all tools and equipment brought on the site are fit for purpose.

Welfare

The client is responsible for providing adequate washing, toilet, drying and refreshment facilities for Company staff and subcontractors. Company are responsible for ensuring that such welfare facilities are maintained in a clean and wholesome manner. This will be your responsibility when you are the Principal Contractor, it may be necessary occasionally for your company to identify suitable local amenities.

Material Handling

All materials required for site will be unloaded to a designated unloading and storage area which will be away from the work area as far as is practicable. This area will be kept tidy to minimise trip hazards. Materials, as and when required, will be collected from the storage area to the work area. All staff will take care when handling materials.

Tenant Safety and Protection of Tenant's Goods and Property

It is the responsibility of the Principal Contractor/Council to advise tenants of works to be carried out; Hardbase Construction Ltd staff will liaise with the Principal Contractor and tenants daily to ensure safe operation. All areas of floor and furniture will be protected with adequate dust sheets and/or plastic sheeting.

Sign off Sheet

I have read and understood the contents of this Risk Assessment. Anything I did not understand has been explained to me to my satisfaction. I agree to follow the Risk Assessment and understand that any instructions are provided for my safety and the safety of others.

Print Name	Signed	Date