

CFA PILING METHOD STATEMENT

At

**Perrymount Road
Heywards Heath
West Sussex**

**Prepared: Engineering Force (UK) Ltd
Mob: 07961275910**

Client: We Build Development

Project No: 1812

Date: 17/02/2026

NB – This is to be read in conjunction with the associated Risk Assessment.

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Introduction to CFA Piling Method Statement

General

This method statement has been produced to document the risks, control procedures and methodology associated with works to be undertaken on this site Perrymount Road, Haywards Heat, West Sussex by piling contractor for the Principal Contractor and Client.

The piling works are scheduled to commence during w/c TBC with a target programme of TBC.

The site working hours will be 08.00-18.00hrs on Mondays to Friday, 09:00 – 13:00 on Saturday and no works will be carried out on Sundays or Bank Holidays as per the planning condition no. 10 of planning decision notice ref: DM/22/2303.

The works on site will be supervised by a working foreman and the site crews will comprise a piling rig driver, a slinger / banks man.

Preparation

Working Platform – undertaken prior to commencement
Setting out individually numbered pile positions.

Control measures by main contractor and client

Method Statement	Approved by Client
Risk Assessments	Approved by Client
Trained Workforce	To be checked at Induction
Equipment Certificates	To be checked on delivery
Pile Design	Approved by Principal Designer

Control measures by the Principal Contractor

Working Platform	Well compacted hardcore (crushed concrete / stone).
Permit to Pile	To be provided prior to commencement
Safety/task lighting as necessary	
Welfare facilities including mess cabin and drying room	
Hoarding, fencing or screens to protect the public and third party property	

Scope of Works

The works comprises of installation of approximately 97 No. 300mm diameter cfa piles, which will include the following:

Provision of plant, equipment and labour to undertake the piling works.

- Provision of installations records.
- Supervision of the works.
- Carrying out operations in line with this Method Statement and associated Risk Assessments.

Site Specific

The site is to be prepared by the Main Contractor

Prior to works starting on site our foreman will request a signed copy of our permit to dig form and also read through this method statement along with our operatives and then once understood the gang will sign and return the method statement brief sheet (attached). The site manager will also carry out a site induction instructing the gang on site rules and the layout of the site.

Main Contractor is to provide a firm level piling platform as per design by experienced professional. A working Platform certificate will be issued prior to works starting on site and will need to be completed prior to works starting on site. Any soft ground below should have been removed and back filled in layers and compacted with a granular fill material. The Main Contractor will also be responsible for providing access roads to the working area.

Main Contractor will also ensure that the site is fenced with hoarding or similar to keep the site safe and to prevent intruders or children entering the site.

Main Contractor are to ensure that all pile positions are free from underground obstructions (footings or services) along with ensuring that there are none overhead (power lines or tree canopies). Main Contractor will also be responsible for protecting any existing buildings / landscaping that is to remain on site or neighboring properties.

The site team will consist of the following: -

Visiting Supervisor
1 Rig Operator
2/3 Operatives

All operatives will have copies of their operator certificates on site.

Sequence and Method

Mobilisation / Demobilisation

The Piling will be delivered to site on a semi low loader, the rig will be loaded on the lorry backwards so that when it is unloaded onto the road it will be in the best direction for tracking into the site. Piling contractor's own operatives will be with the machine to unload and supervise all traffic and pedestrians. Delivery times will be dictated to Contractor upon application to the authorities for a movement order,

All ancillary equipment will be delivered by hiab lorry which will drive directly onto site and unload under our supervision.

The rig will be tracked onto site and taken to the piling mat where it will be erected and rigged ready for use as per the manufacturers hand book.

A concrete pump will be set up at the front of the site so that ready mixed concrete can access with ease and the main contractor will form a ramp with crushed concrete.

Duration of Works

It is anticipated that the work will commence on W/C **TBC** and take approx. 3 weeks.

Method of Working

We will seek authorisation to commence excavation/installation from the Client in the form of a Permit to Dig or equivalent. This will confirm that any known services on site have been made safe or have been positively marked.

Prior to the commencement of piling works each day, the concrete pipeline will be adequately lubricated with a concrete/primer mix. The cement concrete/primer will be mixed with water in a tub to a fairly thick consistency. The lubricating mix will be poured directly into the pipeline, and the concrete will follow immediately. The concrete will be pumped slowly through the lines until it flows freely. All concrete pipes will be connected with couplings secured with safety clips.

The piling rig will be set up over the pre-marked pile location, using datum's provided by others; Working from a firm, dry, level piling platform the piling rig is positioned over the pile location, defined by a length of reinforcing bar driven into the ground. The auger will then be brought onto position and checked by the use of reference points in two directions. Before auger penetration commences the mast will be checked for verticality by observing attached levelling aids. The verticality of the mast will be adjusted hydraulically using slewing rams. The pile will be checked for verticality when it has been drilled approximately 0.5m; any positional adjustments will be made now.

Drilling will commence and the operator will set the PL2000 to depth of the pile and the pile number. The PL2000 will record all pile depths, numbers and the amounts of concrete and pressures that were installed.

Hearing protection is to be worn by all operatives.

Once the auger has been confirmed to have attained its required depth on the operator's console, it will then be withdrawn slightly to allow the opening of the delivery valve on the base.

Concrete will then be pumped through the delivery lines and down the center of the auger. Where applicable the rate of concrete delivery will be determined by the rig operator. Auger withdrawal will then commence and proceed until the bore has been fully concreted and the pile formed. The rate of auger withdrawal will be determined by us (being dependent on auger size, ground conditions etc.) to ensure an oversupply of concrete compared with theoretical pile volume.

3No concrete cubes will be made daily and tested at 7 and 28 days.

Borespoil is removed from the auger by mechanical auger cleaner (where practicable) during extraction of the auger. Borespoil arisings and excess concrete is removed from the pile head by the attendant excavator.

The piling rig then moves to the next planned pile position which would generally be a minimum of 3 pile diameters away.

Steel reinforcement as specified in the pile design will be placed directly into the concreted pile bore by either the auxiliary winch line on the rig or by the attendant excavator or by hand (dependent on cage weight). The bottom 2m of any cage may be tapered for ease of installation.

On this particular contract due to the length of the reinforcement cage the attendant excavator will be used to install the cages. Should the excavator require a lifting chain our operatives will supply one on site along with a copy of the test certificate.

Piles will be constructed to the following tolerances: -

+/- 75mm	on plan at piling platform level
1:75	verticality

At the end of piling works each day the storage mixer drum and concrete pump are washed out using the diesel jet wash. Also the concrete pumpline is 'blown out' using the compressor excess concrete will be blown into an empty hole that will be drill out daily, This is to prevent concrete from being splashed as the blow out ball exits the bottom of the auger.. All excess concrete is removed using the attendant excavator and will be removed from site along with the pile spoil by the main contractor.

Concrete Pump and Agitator

Where on site we are to use a concrete pump and agitator drum then they are only to be used by a trained and competent operative.

When loading the agitator drum from the premix lorry the drum must be stopped of rotation and the operative should bank the premix lorry up the ramp and supervise the unloading of concrete.

Under No Circumstances should anything (tools or limbs) be allowed in close proximity of the drum aperture at any time or any other moving parts.

Reinforcement Steel

Reinforcement steel for the works will be delivered direct to our yard or site from a CARES supplier, with all appropriate certificates being supplied under separate cover.

Reinforcement will be tied using soft annealed tying wire with sufficient ties to allow handling and placement. Fabricated reinforcement may be moved from the fabrication area by hand or with the aid of the attendant excavator. It is also been considered to deliver premade pile cages for ease of works.

Integrity Testing

Integrity testing will be carried out, if required, by CET Group using the Transient Dynamic Response (T.D.R.) technique. The trimming of piles to cut-off level (no earlier than 5 days after installation) and preparation of pile heads is by others. Care should be taken when excavating and trimming piles to prevent damage.

Emergency Procedures

All site operatives are to be briefed and made aware of main access/egress routes and emergency assembly points at the initial induction. Designated routes are to be kept clear at all times.

The principal contractor shall deploy adequate First Aid trained personnel on site during the works and First Aiders will be identified during the induction process. A suitably stocked first aid kit and eye-wash station shall be kept on site by the principal contractor.

In the event of an emergency the principal contractor or the appointed person shall, if required, contact the emergency services.

All accidents are to be recorded in the site accident book and subsequently reported to Client.

METHOD STATEMENT BRIEFING ATTENDANCE SHEET

Contract:		Perrymount Road, Haywards Heath, West Sussex	
PRINT NAME	DATE ATTENDED	SIGNATURE	COMMENTS
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
12.			
I HAVE BRIEFED THE ABOVE PERSONNEL ON THE FOLLOWING METHOD STATEMENT:			
TITLE		REF No	
SIGNED		COMPANY	
PRINT NAME		DATE	
When completed, return this form to the Site Foreman			