

Contract No:	C889
Client:	Selsdon Building Contractors
Site Name:	Kerswell Close
Site Address:	Kerswell Close, Seven Sister, Haringey, N15 5RP
Document Ref:	C889- Kerswell Close -CFA
Issue Date:	
Piling System:	
Site Manger:	TBC
Mobile No:	TBC
Normal Working Hours:	7.30am - 5.30pm
Rig Details:	
Project Type:	Residential development
No of Piles:	
Pile Diameter:	
Contract Start Date:	

Revision and Status Log					
A					
B					
Rev	Date	By	Approval	Signed	Description of modifications

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1. Resources

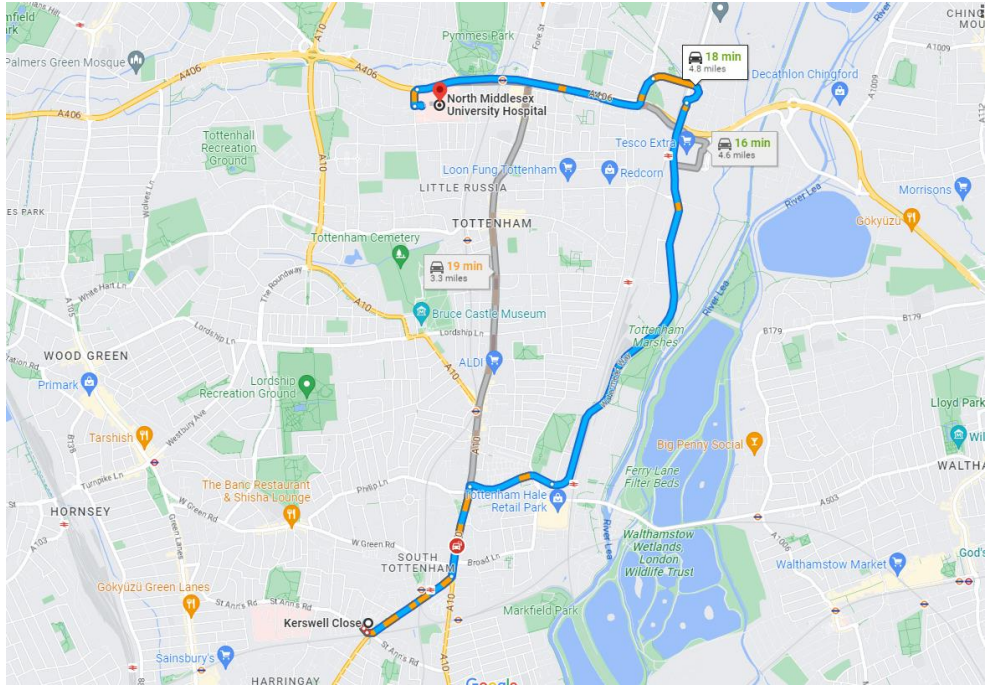
Management / Supervision		
1 No Managing Director (Visiting)	Barry Sheppard	01372 232 090
1 No Construction Director (Visiting)	Robert Sheppard	07983 514 477
1 No Operations Manager (Visiting)	Tony Ewers	07733 296 732
1 No Pre-Construction Manager (Visiting)	Jack Stacey	07986 293 530
Labour		Plant & Equipment

1 No Working Foreman 1 No Piling Operative 1 No Banksman	1 No GEAX EK110 1 No Trailer Mounted Concrete Pump 1 No 1000Litre Diesel Bowser 1 No Holding Drum 1 No Two Tooled Compressor 1 No Jet Wash Water Bowser 1 No MEWP Auxiliary Equipment – Augers, Concrete Hoses, Cage Stands and Small tools
Materials	
Concrete Steel cages Diesel – to be stored in 110% bunded bowser	

2. Emergency Arrangement

In the event of an emergency or breakdown. Below are the details of Sheppard Piling procedure.

Event	Contact
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Site Emergency	In the event of a site emergency requiring the emergency services. 1) Emergency Services – 999 2) Tony Ewers – 07733 296 732 3) Robert Sheppard – 07983 514 477 The nearest emergency hospital to site is located. 
Site Injury	In the event of a site injury. 1. Site Foreman / Selsdon Building Contractors 2. Tony Ewers – 07733 296 732 3. Robert Sheppard – 07983 514 477 First aid kits on site, in stores cabin and site offices.
Plant Breakdown / Assistance	In the event of a plant breakdown or requiring assistance 1. Tony Ewers – 07733 296 732 2. Robert Sheppard – 07983 514 477 3. Plant Supplier – Number typically on plant

3. Site Control

1. The rig driver/site supervisor is the person in the control of the works at site level. Should any problems arise beyond his authority. The Operations Manager is the first point of contact with the construction director being the second.
2. Any problems with Health & Safety arising on site, the operations manager should be informed immediately.

4. Health and Safety

Health and Safety Factors	
Phase	Key Factors
Design	• Structural knowledge of the structure and site surveys or assessments • Structural knowledge of any adjacent structure • Equipment and methods selected for Work
Planning	• Site knowledge • Health and Safety risk assessment • Development of safe sequences of work activities
Execution	• Workforce supervision • Control of method statement implementation • Communication of unplanned discoveries • Safety information and training selection

- Sheppard Piling's Operatives will always operate in a safe and diligent manner in accordance with their Health & Safety Policy. They will work in accordance with the method statement and risk assessment at all times.
- Personnel Protective Equipment will be worn at all time whilst on site the company's minimum requirement is: Hard Hat, Safety Boots, Gloves and Hi-Viz Vest or Jacket. Additional Personnel Protective Equipment will be worn for site specific work as required by the risk assessment i.e. Safety Glasses and Ear Defenders.
- Health & Safety is monitored daily by the Operations Manager and any incidents, accidents or near misses are investigated promptly. All employees are encouraged to report any accidents, incidents or near misses to the Operations Manager / Construction Director.
- Site Inspections are carried out weekly; any findings are passed on to the relevant managers to act.
- Sheppard Piling Ltd has an Operational meeting on a weekly basis to potential issues forthcoming, as well as to discuss issues arising.
- All Sheppard Piling Ltd Site Operatives will undertake the Selsdon Building Contractors site induction before commencing work on site.

- No lone working will be undertaken at any time, a minimum of 2 people working at all times.

5. Scope of Works

Sheppard Piling will be using a GEAX EK110 to install the piles. Plant details can be found in Appendix II - Plant Details.

The following piles will be installed to various drawings, as per the overall layouts below:



6. Enabling works

- Probe and remove obstructions (by others)
- Design, Installation & Testing of the piling platform (by others)
- Permits
- Setting out (by others)

7. Sheppard Piling Ltd Requirement

- Selsdon Building Contractors will provide first aid facilities as required. Sheppard Piling Ltd personnel will be made aware of the identity and location of the facilities during the site induction.

- Identification, excavation and or protection of all services (chartered or un-chartered) within the site access route and site area. These included but are not limited to electricity, water, telecoms, gas and sewerage.
- Protection / excavation and capping of all ducts, pipes, channels, culverts and sewers to prevent damage and or loss of concrete.
- Protection to adjacent buildings, pathways, highways from spoil, concrete slurry and bore spoil debris.
- Provision of service drawings (relevant to pile locations). Identification and maintenance of service locations and easements zones on site.
- The Principal Contractor will provide a permit to dig, confirming pile positions are clear of all site services (chartered or un-chartered).
- Sheppard Piling Ltd will submit their own Permit to Pile for Selsdon Building Contractors sign, prior to breaking ground.
- Health & Safety requirements and Welfare facilities with accordance to the CDM 2015 regulations
- An attendant 360 Tracked Excavator [Minimum 8 Tonne] & Qualified Driver must always be present during the piling operation.
- Install and maintain the working platform when required.
- To protect the public from the piling works.
- To provide road protection for unloading the piling rig. (8x4 ply sheets)
- To Set out all pile positions with a steel pin and numbered mushroom safety cap.

8. Method of Works

8.1. Mobilising on to Site

- The low loader will arrive at the entrance of the site. Depending on the lorry and trailer, the unit may be disconnected from the trailer and parked away from the entrance, protection boards will be laid on the road and when ready the banksman will signal to the rig driver to commence unloading the rig. The rig will be banked off the low loader and on to site, in a position to rig up. The Piling rig will be banked at all times whilst on site by a banksman.
- A Hiab lorry and trailer will arrive on site to deliver the concrete pump and the auxiliary equipment, it will be banked in to a position to unload, a lorry restraint will be placed around the lorry bed before the banksman climbs on to the lorry, the pump operator will assist with the unloading and place the equipment in a designated area making sure it is safe and secure. When unloaded the Hiab lorry will then be banked off site by the banksman.
- A reinforcement lorry will arrive to deliver the steel reinforcement which will be in bundles suited to the lifting capacity of the excavator; this will be banked on to the site by the banksman. The Piling Operatives will assist in unloading the steel aided by the 360 Excavator and places it on bearers in the designated area. When unloaded the lorry will be banked off site by the banksman.

8.2. Equipment Setup

- When ready the piling rig will be rigged up by the rig driver and banksman, the banksman will check the area is clear, and then signal to the rig driver to raise the mast. The mast will rise in one piece; the banksman will watch the hydraulics and electrics to ensure they do not get caught or snagged. Once erected the rig driver and banksman will attach the required auger guide to the gate jaws.
- Whilst adding/removing augers and unfolding/folding the mast, if working at height is deemed necessary a MEWP will be used for access.
- The MEWP operator, will put a safety harness on and connecting a lanyard to the rear, will climb into the basket and attach the lanyard to the anchor point. The operator will swing the basket away from the rig and wait for the augers, the first section auger will be lifted into place by the spare line or

attendant excavator using a lifting chain choked around the auger. The auger will then be lowered into position underneath the rig before being guided into place by the banksman into the coupling on the rotary table, when connected the MEWP operator will manoeuvre into position and place two auger pins in the coupling and tie wire the ends, they will then swing the MEWP away from the rig and wait for the next auger. This procedure is done till all flights area in place.

- When finished with the MEWP will be driven to an area which is secure and the operator will remove the lanyard from the anchor point, climb down from the basket and then from the ground controls lift the boom into a raise position and stop the engine and remove the key.
- At the beginning of each day all plant oil/water levels will be checked in accordance with PUWER regulations.

8.3. Steel Reinforcement

- All reinforcement to be supplied by a CARES approved supplier
- The principal contractor shall set aside a suitable area for assembly of reinforcement cages together with an adjacent area for storage of reinforcement bars, helical and completed cages. This area needs physically segregated from traffic by fencing or similar, to avoid danger to steel fixer or damage to cages.
- The Cages will be made on site by Sub-Contractors Steel fixers.
- The leading steel fixer is to be given details of the cages required before commencement, the bars and helical will be assembled into cages using purpose made stands onto which bars are loaded to give stability.
- They will place steel reinforcement on to cage stands and feed a helical around the bars they will then tie the bars to the helical using tie wire.
- When completed they will remove the cage from the stands and place it on the floor. If making heavy cages, chains will be fitted to the excavator and attached to the cage it.
- After fabrication, the cages area to be stored on timbers or clean hardcore to avoid contamination by soil. All protruding bars will be left with plastic mushroom cap protection.
- Repeat until required number of cages have been fixed.

8.4. Piling Operations

- Selsdon Building Contractors will issue a permit to dig, as well as Sheppard Piling Ltd will issue their Permit to Pile.
 - The piling rig is moved around the site with a banksman banking it at all times.
 - The banksman will bank the rig over a pile position when in position he will tell the driver to level up
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- The rig driver will then level the rig and wait for instructions from banksman.
- The banksman will then bank the auger over the pin and signal to the rig driver when it is in position. The banksman will then instruct the rig driver to raise the head and remove the pin.
- The banksman will check the teeth of the auger before starting of each pile, if they need replacing, he will signal the rig driver to raise the drill head, open the gates and replace the teeth.
- Prior to each pile the banksman will place a bung into the bottom of the auger.
- Before any work takes place under the auger the banksman will ensure there is no loose material on the auger string or on the gates. If loose material is present, it shall be removed prior to work being undertaken under the augers.
- The banksman will instruct the rig driver to lower the head, so the auger is on the ground.
- The banksman and Slinger will prepare a cage by placing de-bonding and a set number of spacers on to the helical and then moving the cage into position for lifting.
- The rig driver will check the pile number then record the data onto the daily log sheet, he will commence the drilling down to the required depth.
- The rig driver will start the drilling process, by screwing the augers into the ground at the desired penetration rate, until required depth is achieved.

- Once the required depth is achieved the rig operator will signal to the pump operator to commence pumping the concrete, when the pile is being filled the rig driver will lift the head to allow the concrete to flow from the auger keeping it under pressure, once all augers have been extracted and the pile filled. The Rig Driver will notify the pumps man to cease pumping.
- Whilst extracting the rig operator is to ensure the auger cleaner is working correctly and all loose material is removed from the auger.
- Excess spoil from the top of the gates shall be removed at periodic intervals, of not less than once per day, or when build up of spoil is deemed by the banksman or supervisor to be excessive.
- The banksman will then instruct the excavator driver to remove the spoil from the top of the pile.
- The Slinger will attach a shackle and chain to the arm of the excavator. The drop chain will be attached to the pile cage, the slinger will then instruct the excavator operator to lift the cage and place it over the pile. The Slinger will then instruct the excavator to lower the cage into the pile assisted by the Slinger until the cage is at correct level.
- Repeat until job is complete.

8.5. Concrete Pumping & Blowing Out

- Concrete will arrive at intervals throughout the day they will be banked over the pile location. The Pump Operator will check the concrete ticket and slump of the concrete before use.
- The Pump Operator will instruct the lorry driver to discharge the concrete into the pump hopper.
- Once empty, the concrete lorry will be banked over to the designated clean out area to wash out the drum.
- The concrete lorry is then banked off site by the Pump Operator.
- At the end of the day any remaining concrete will be pumped through the system.
- A member of the site team will be nominated as the authorised person to take control of the blowing out procedure.
- The Pump Operator will back pump the concrete pump a minimum of 8 strokes to reduce the pressure in the concrete system, the authorised person will then remove the safety pin and clamp from the concrete hose attached to the pump.
- The authorised person will place a ball in the ball blower and attach the ball blower using a clamp and safety pin to the released concrete hose on the floor.
- The authorized person will check that the surrounding area is clear from personnel.
- The compressor will be started, and a compressor hose will be fitted to the rear of the ball blower and the other end attached to the compressor. Whip checks will be used on both connections.
- The piling rig will be banked into a position to blow out where the bottom of the auger is shielded – i.e. either in a hole or with a purpose-built blow-out drum.
- The authorised person will then position himself in a safe area to stop anyone approaching the rig and open the release valve on the ball blower/compressor.
- When the ball has blown through the concrete system the release valve on the ball blower/compressor will be shut.
- Once the ball has passed through the authorised person will fill the concrete pipe with approximately 100 litres of water followed by another ball.

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- The ball will be retrieved and stored back at the holding drum / concrete pump after being cleaned. The rig driver will raise the auger and be reversed by the banksman away from the area. The blow out drum (if used) will be removed and placed at the side of the plot and the excavator will clean up the blown-out concrete.
- The authorised person turns off the compressor and releases the safety pin and clamp and washes the ball blower then places it by the compressor.
- The pump operator will wash out all the concrete out of the hopper of the concrete pump, when clean, the pump operator will place the pump in reverse and wash all the concrete off the concrete pump and metal hoses.
- The pump operator will tidy up any excess concrete under the concrete pump.
- If the line must be split to ease blowing out, a ball catcher will be attached to the end of the line before the compressor is turned on. The normal blowing out procedure will then apply.

8.6. Clearing a Concrete Obstruction

- The appointed authorised person will take control.
- Under no circumstances must compressed air be used in an attempt to clear a blockage.
- The location of a blockage will be identified and then removed manually using the jet wash or pry bar.
- Care will be taken to ensure the concrete lines are depressurised prior to any attempt to unblock the line.
- The section that is blocked will be brought to ground level to be worked on.
- Normal manual handling procedures are to be followed and mechanical means are to be used where possible.
- When clearing blockages an exclusion zone is to be maintained around the rig to prevent any unauthorised access.

8.7. Securing Equipment Daily

- The piling rig will be banked into a designated area to park, the rig driver will turn off the rig and remove the keys; then turn off the isolator switch. he will then lock all the doors on the rig making sure everything is safe.
- Site security fencing will be provided by the principle contractor for the security of the construction site.

8.8. Equipment De-Rigging

- The Rig driver will be banked into a position to de-rig.
- Whilst adding/removing augers and unfolding/folding the mast, if working at height is deemed necessary a MEWP will be used for access.
- The MEWP operator, will put a safety harness on and connecting a lanyard to the rear, will climb into the basket and attach the lanyard to the anchor point. The MEWP operator will manoeuvre into position and connect a lifting chain from the spare line or attendant excavator to the auger that is being removed before removing the two auger pins in the coupling, they will then swing the MEWP away from the rig. The rig driver will then lift the head guided by the banksman away from the coupling on the bottom auger. Once loose the attendant excavator or rig operator (if using the spare

- line) will lift the loose section of auger away from the rig and lay it down in the designated position. This procedure is repeated for each section of auger being removed. When finished with the MEWP will be driven to an area which is secure and the operator will remove the lanyard from the anchor point, climb down from the basket and then from the ground controls lift the boom into a raise position and stop the engine and remove the key.
- The rig driver and banksman will begin to lay the mast into the traveling position, watching the hydraulic hoses etc to ensure they are not snagged. The operatives will put in place, any locking pins and travel brackets required for the piling rig.

8.9. De-Mobilising from Site

- The low loader will arrive at the entrance of the site. Depending on the lorry and trailer, the unit may be disconnected from the trailer and parked away from the entrance, protection boards will be laid on the road and when ready the banksman will signal to the rig driver to commence loading the rig. The rig will be banked onto the low loader.
- 2 Hiab Lorries will arrive on site, one to collect the auxiliary equipment; lorry 2 to collect the concrete holding drum. Lorry one will then be banked into a position to load, the slinger will assist the lorry driver to load all the auxiliary equipment. The lorry driver will then strap down the equipment. He will then be banked off site by the banksman.
- Lorry two will be banked onto position by the banksman, the slinger will assist the lorry driver in the loading of the holding drum. This will be completed in one lift.

8.10. COVID-19

All Sheppard Piling Operatives will comply with the site based COVID-19 rules and social distancing as well as the Sheppard Piling Covid-19 risk assessment.

8.11. Environmental

- Sheppard Piling Ltd has an environmental management system in place.
- Sheppard Piling Ltd adequately manages our works to prevent pollution and continually improve the environmental activities of our piling operations.
- Sheppard Piling Ltd will work closely with Selsdon Building Contractors to ensure all environmental issues are managed quickly and efficiently.
- Sheppard Piling Ltd will supply a spillage kit, and this will be kept near the oils and diesels at all times. Environmental aspects specifically considered while undertaking the works area as follows:
- Contaminations of Ground/Watercourse by Diesel – Drip Trays and Spill kits to be available within vehicles around site and within the site compounds.
- All refuelling to be carried out in accordance with Selsdon Building Contractors site fuelling procedures.
- Contamination of Ground/Watercourse by hydraulic oils – Bio degradable oil to be used, all hoses inspected daily before use.
- All equipment turned off when not in use.
- All bunded systems for the storage of oils & fuels and chemicals must have a 110% storage capacity in regards to the container.
- All spills however minor are to be reported through the Project/Site Manager.

- **8.12. Spill kit procedure**

- i. Assess the risk
- ii. Select personal protective equipment
- iii. Confine the spill
- iv. Stop the source
- v. Evaluate the incident and implement cleanup
- vi. Decontaminate the site
- vii. Complete required report

Do ✓ know where all spill kits are and how to use them ✓ practice annual spill response drills to ensure knowledge of plans and how to use clean-up equipment ✓ if a spill occurs stop work immediately ✓ if possible and safe to do so contain the spill in accordance with the spill plan ✓ if spillage is flammable, extinguish all possible ignitions ✓ contain the spillage – on land use earth/sand to construct a bund around the spill to stop it spreading ✓ protect sensitive areas (eg watercourses or surface water drains), and use drain covers or use earth/sand to construct a bund ✓ in watercourses consider oil boom downstream of all possible spillages before work starts ✓ clean up the spill. Use absorbent granules/pads to mop up spills. Large pools of oil or spills that cannot be absorbed should be removed by gulper		✓ ensure to have the correct spill clean-up equipment, eg oil booms, chemical absorbent mats ✓ dispose of all contaminated materials (soil/absorbent materials) correctly – those containing substances such as oil, diesel or paint will be hazardous waste ✓ ensure any contaminated water is taken to an appropriately licensed disposal site ✓ notify a line manager of actions taken.	
		Don't ✗ ignore it! STOP WORK and ACT immediately ✗ hide the incident – ensure it is reported to the line manager and controls implemented ✗ tackle spills if it is not safe ✗ hose down spills of concrete or cement into surface water drains.	

8.13. PPE

All site personal will be provided by Sheppard Piling with all necessary PPE to carry out their duties.

Minimum Standards:

Hard Hat, Safety Boots, Gloves and Hi-Viz Vest or Jacket. Additional Personnel Protective Equipment will be worn for site specific work as required by the risk assessment i.e. Safety Glasses and Ear Defenders.

All High Viz PPE will be branded in accordance with the approved logo only.

The use of non-approved PPE is not permitted at any time.

Required Personnel Protective Equipment:							
						Hi-Vis	Overalls
Safety Boots	Hard Hats	Safety Gloves	Hearing Protection	Respiratory Protection	Eye Protection		
Yes	Yes	Yes	Yes	No	Yes	Yes	No

8.14. Permits

Prior to commencing works on site, the following permits will be obtained by the Sheppard Piling Foreman:

All operatives to attend Selsdon Building Contractors site induction prior to commencing works.

- Permit to Load Platform (Working Platform Certificate)
- Permit to Work/Break Ground/Pile

All operatives to attend Selsdon Building Contractors site induction prior to commencing works.

No works are to commence on site until all necessary permits/permissions are in place and understood by all personnel involved with the works.

8.15. Service Strikes

Permit to dig (client) and Sheppard Piling Permit to Pile must be completed by the main contractor before any work commences. Services to be traced by a cable avoiding tool by a trained and competent person (main contractor). Any located utility apparatus must be uncovered/marked on the surface and protected if necessary, by the main contractor. Services as per clients service drawing.

In the event of a gas or electric service strike the following procedures will take place:

- **Electric** - Switch machine off & evacuate all personnel on the ground. The rig operator must remain in the rig. Do not attempt to disengage the cable from the auger. Do not touch exposed cables.
- **Gas** - Switch all machinery off & evacuate all personnel to safe distance. Extinguish all naked flames. No smoking. Gas emergency number is 0800 111 999.

9. Logistics

- All vehicle movements will be controlled by a Sheppard Piling Vehicle Banksman from the gate location to the point of work.
- All vehicle deliveries will adhere to the site access as below.
- Access to the work areas is to be provided by the main contractor from site access to all locations in accordance
- Vehicle/pedestrian segregation is the responsibility of Selsdon Building Contractors, Sheppard Piling are to ensure this is in place prior to unloading works commencing.
- All protection works/access works are to be completed and in place by Selsdon Building Contractors in advance of Plant being delivered to site.
- All delivery drivers are to report to site supervisor/foreman for instruction.
- All personnel entering the site must sign in the attendance book held with the main contractor.
- Before commencement of any works on site all operatives will receive a full site induction and must sign up to a method statement briefing sheet. Appendix I - Briefing Record Sheet

10. Hazards / Risks

Sheppard Piling having carried out a Risk Assessment, Appendix III - Risk Assessments, and have identified the following.

Hazardous Substances

							
	Very Toxic	Harmful/Irritant	Corrosive	Dangerous for the Environment	Oxidising	Highly Flammable	Explosive
Applicable	No	Yes	No	Yes	No	Yes	No
le: Lubricants/Solvents/Flammable Materials/Refrigerants/Welding Gases etc.							

The following hazards have been identified as associated with the planned work activity;

- Lifting & loading equipment
- Banking and slinging
- Welding
- Refuelling plant
- Manual Handling **COSHH**
- Grease
- Hydraulic Oil
- Petrol
- Mineral Oil
- Ad Blue **Housekeeping**
- Sheppard Piling operative will have a duty on site to maintain a tidy and safe working area.
- This will apply in both the construction site and the welfare area. Operatives will ensure that they assist in the tidiness of the site by ensuring work area is clear and any rubbish is placed in the designated skips on site.

11. Site Operatives/Training

1. The CFA piling rig requires a Sheppard Piling Ltd Rig Driver / Site Foreman: Is in control of day to day running of the site and liaising with the Site Manager if any problems arise. The Rig driver will hold a minimum of a NPORS / CPCS Piling Rig Operator Ticket and CSCS Site Operatives Card.
2. Sheppard Piling Ltd Pump Operator: The Pump Operator will hold a CSCS Site Operatives Card and, are working towards or holds a NPORS / CPCS Trailer Mounted Pump Ticket.
3. Sheppard Piling Ltd Banksman: The Banksman will hold a minimum of a CSCS Site Operatives Card and, are working towards or holds a NPORS Piling Rig Attendant or CPCS Slinger/Signaller Ticket.
4. 1/2 Steel Fixers [Sub – Contractors]: The Steel fixer will hold a minimum of a CSCS Operatives Card.
5. Sheppard Piling Ltd Setting Out Engineer: The Setting out Engineer will hold a minimum of a CSCS Site Operatives Card.

6. No Sheppard Piling Ltd operative is to use equipment for which they have not been trained and authorised by Sheppard Piling Management Team.
7. The Contracts Supervisor or Rig Driver will deliver a Tool Box Talk on commencement of the contract and at weekly intervals throughout the contract. A copy will be made available for the Selsdon Building Contractors if requested.
8. Personnel and their training certification will be managed and provided on site to the site manager at the point of site induction.

12. Quality Controls

- A pile design and (working platform design if required) will be sent to the Selsdon Building Contractors prior to the piling rig arriving to site.
- On commence of the contract a Contracts Supervisor / Operations Manager will be on site to assess the site before drilling commences
- The rig driver will have a drawing with piles and depths on and will check with the banksman on every pile, these are recorded on a daily log sheet at the end of each day details are rung into the office and the information logged on Sheppard Piling computer system which makes sure of correct depth, steel and wastage on all piles.
- Cubes are taken if requested by the Selsdon Building Contractors these are taken by a specialized company that arrive on site make cubes and then the cubes are tested at 7 and 28 days to confirm the strength of concrete. Results are released when Sheppard Piling receives them.
- Integrity testing will take place if requested by the Selsdon Building Contractors at a minimum off 7 days after the piles were formed, the Selsdon Building Contractors rings Sheppard Piling office and informs when they will be ready with a minimum of 3 days' notice, a specialized company arrives on site and tests the integrity of the pile. Results are released when Sheppard Piling receives them.
- The Operations Manager, Construction Director and Contracts Manager will monitor the quality of the test results daily for the duration of the contract of works.

Appendix I. Briefing Record Sheet

Appendix II. Plant Details

Appendix III. Risk Assessments

Appendix IV. COSHH Assessments

Appendix V. Permit to Pile