

Steel Fixing Method Statement

Euro-City Eastern
152-156 Kentish Town Road
London
NW1 9QB



Prepared by:

29/01/2021

Contract Number: 200809

Simon Tapsell

CONTRACT	200809	SITE ADDRESS	Euro-City Eastern, 152-156 Kentish Town Road, London NW1 9QB
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1. Site Details

Proposed start date:	TBC	Anticipated duration:	6 weeks
Site hours Mon – Fri:	08.00-17.30hrs	Drawing No:	1000-S2-P04

2. CORONAVIRUS COVID-19

During the Coronavirus pandemic we all need to ensure protection of ourselves and others. Many sites have taken their own measures and any extra rules they have implemented must be strictly followed.

Things that we can do to help;

- Ensure only one person travels in a vehicle to and from site.
- Where possible do not enter any site offices and try to engage with site management outside.
- Ensure we follow the Government Social Distancing rules by staying at least 2 metres apart.
- Do not stand in small groups chatting.
- Ensure plenty of hand washing, when arriving on site, before and after using welfare facilities, before leaving works etc.
- Do not all sit in canteens together, use one at a time and then keep apart when eating.
- Bring your own food to site and do not go to local shops at lunchtime and ideally do not use the site kettles or Microwaves during this period.
- Ensure all rubbish is disposed of correctly.
- Do not share PPE and ensure you own PPE is kept clean.
- Keep work vans and vehicle interiors clean.

We have provided the following items and should you require replacement or top ups then these items can be left out for you or dropped to site:

- Each person should have Alcohol Spray dispenser.
- Each gang should have alcohol spray top up bottles.
- Each Gang should have clean water dispenser for hand cleaning on site.
- Each Gang should have heavy duty hand cleaner.

Should any of the gang develop any symptoms they must follow the Governments latest guidance on Self Isolation

3. Site Team

<u>Role</u>	<u>Name</u>	<u>Phone</u>	<u>Email</u>
Visiting Supervisor	Simon Tapsell	07771 961910	simont@neilfoundations.co.uk
Operatives	TBA		
Neil Foundations Systems Ltd	Office	01252 550222	piling@neilfoundations.co.uk

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

All Neil Foundations Systems (NFS) staff are CSCS trained along with relevant CPCS training for plant on site, Piling Rig, Concrete Pump, Slinger Signaller and MEWPS.

Most of NFS staff have also received emergency at work first aid training.

4. 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.

All reinforcement will be delivered to site in max one ton bundles of loose bar and will then be fabricated on site using sub contract steel fixers.

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Where possible the steel should be lifted onto the trestles using the delivery hiab lorry.

The fixing trestles are to be set up on site on an area set aside, away from any construction activity/vehicle/plant movement.

The trestles are to be situated on an area of firm, dry, level ground that is suitable for stability of the trestles when the steel is placed upon them.

Trestles could be extended at the base by the insertion of "stability riggers" if required.

Dependent on the size of the cage to be constructed, the correct number and size of re-bar i.e. 20mm/25mm etc are then rolled onto the outside of the trestles.

The helical is then spun over the bars to the full length of the cage and spaced at centres as per the design drawing.

2 No. bars are then left on the top whilst the others are lowered carefully into the bottom of the helical. Note: Up to 4 operatives spaced evenly along the length of the cage can be used for this task.

The bars are then lifted manually and tied using steel fixers tying wire at the correct centres as specified on the drawing.

The cages are then lifted off using the site attendant excavator or manually depending on weight and moved to the designated storage area.

The procedure stated above is then repeated for all pile cages.

Please refer to Neil Foundations Systems Piling Risk Assessment RA06 Steel Fixing (see below).

Caps will be placed on ALL vertical reinforcement to prevent risk of impalement (IF installed protruding above piling mat level).

5. Risk Assessment

Risk Assessment:		RA 06 – Steel fixing	
Hazards identified		Risk of Injury	
		Without Controls	With Controls
<i>Tick boxes as appropriate</i>			
<input checked="" type="checkbox"/> Falling cages		9	4
<input checked="" type="checkbox"/> Injury to feet		6	2
<input checked="" type="checkbox"/> Injury from fixing wire		6	2
<input checked="" type="checkbox"/> Handling		6	2
<input checked="" type="checkbox"/> Lifting		6	2
<input checked="" type="checkbox"/> Tripping		6	2
<input checked="" type="checkbox"/> Plant vehicle movement		6	2
<input checked="" type="checkbox"/> Injury from welding activity		6	2

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Persons at risk:	<input checked="" type="checkbox"/> Site personnel <input type="checkbox"/> General public <input type="checkbox"/> Client personnel <input type="checkbox"/> Other
Controls Considered Necessary:	
<input checked="" type="checkbox"/> Correct use of PPE (as applicable): Head Protection - Hard Hat BS EN 397; Safety Footwear – Steel toe capped boots BS EN ISO 20345 or BS EN 345; Hand Protection – Suitable Gloves BS EN 388; High visibility Jacket or vest BS EN 20471; Ear Protection BS EN 352 – as relevant to the noise levels. Eye Protection should comply with BS EN 166 and EN 172 (if cutting). <input checked="" type="checkbox"/> Welders to wear appropriate welding coveralls/gloves to EN ISO 11611 2007. <input checked="" type="checkbox"/> Ensure designated compacted, level fixing area with barriers, separate from construction activity and moving plant. <input checked="" type="checkbox"/> Use correct fixing stands, using extending “stability riggers” if necessary. <input checked="" type="checkbox"/> Ensure that cages have enough ties and braces to allow safe slinging. <input checked="" type="checkbox"/> Keep work area tidy and dispose of wire scraps into a container. <input checked="" type="checkbox"/> Tails on ties to be bent over to reduce projection. <input checked="" type="checkbox"/> Assistance/mechanical lifting aids: weights of individual items of rebar are to be provided by steel provider. Those weighing above 20kg are to be lifted by 2 operatives. Completed cages weighing up to 40kg can be lifted by 2 operatives, use mechanical means above this weight. Operatives to wear appropriate PPE, gloves, steel toe cap/midsole footwear, hard hats and hi-vis vest. <input checked="" type="checkbox"/> Protective caps to be fitted to rebars. <input checked="" type="checkbox"/> Good housekeeping. <input checked="" type="checkbox"/> Steel fixers to be issued with and to wear class F eye protection. Flame retardant screens to be provided when welding in progress. <input checked="" type="checkbox"/> Ensure any combustibles are removed from the area. Use coded welders only. Compliance with PC hot works permit.	

6. Emergency Contacts

<u>Role</u>	<u>Name</u>	<u>Phone Number</u>
Managing Director	Neil Miller	01252 550222
Visiting Supervisor	Simon Tapsell	07771 961910
Safety Advisor	Lawrence Ford	02380 649651
Neil Foundations Systems	Office	01252 550222
Medical - A&E Department	Royal Free Hospital Pond Street, London, NW3 2QG Distance: approx. 1.7 miles	020 7794 0500
Medical - Defibrillator	Royal Free Hospital Pond Street, London, NW3 2QG Distance: approx. 1.7 miles	020 7794 0500
Electricity	www.energynetworks.org/info/faqs/who-is-my-network-operator London, South East & Eastern England: Southern England:	0845 601 4516 0800 048 3516
Gas	National Gas Emergency	0800 111 999
Water	www.water.org.uk/consumers/find-your-supplier Southern Water: Thames Water:	0800 820 999 0800 714 614
Telecoms	Openreach	0800 023 2023
Environmental	Environment Agency Incident Hotline	0800 807 060

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7. Method Statement Briefing Attendance Sheet

Print Name	Date Attended	Signature	Comments
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

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