



Activity No: 65 Ground Beams

StartDate 01/11/2022 **End Date** 30/11/2022

Contract No 2726 **Site Name:** Butterstile Close, Prestwich

Project: Foundations

Author: Robin Eva

Method Statement

DESCRIPTION OF WORKS:

Installation of 192 linear metres of reinforced concrete ground beams.

SEQUENCE OF WORKS:

After piling, the piles will be trimmed back to final cut-off level and the installation of reinforced concrete ground beams will commence.

Steel reinforcement will be cut and bent off-site in accordance with the design.

Reinforcement will be prefabricated on-site and will be fixed into position for the ground beams and concrete will be poured as specified.

A plastic permanent formwork system will be placed into the trench to prevent concrete grout leaking into the ground.

Concrete will be poured into the formwork via a boom pump from ready-mix trucks.

Petrol operated concrete vibrating pokers will be used to vibrate and consolidate the concrete into place around the reinforcement to ensure that there are no voids or air gaps.

ACCESS:

Access to the site will be provided by the Principal Contractor.

Emergency routes will be as directed by the Principal Contractor.

COMMUNICATION:

Daily briefings will be held with staff and sub-contractors on-site.

We have assumed that the Principal Contractor will be responsible for the following:-

- Site security
- Fire prevention
- Fire plan, means of escape and fire extinguishers, in particular related to adjoining property
- Provision of welfare arrangements which include toilet and washing facilities
- Emergency procedures
- RIDDOR
- Ensuring all services are dead or are located and identified before commencement of work
- Sealing of all redundant drainage runs and manhole covers
- Obtaining notices
- Provision of barriers to prevent ingress in unsafe areas of site
- The structural stability of the building during works
- 110v power supplies to our point of work and site lighting
- Safety signage, notices and Form 10rev
- Arrangements for and protection of surrounding access roads, access ways and adjoining property
- Site induction on site health and safety issues and site rules

All accidents will be reported to the Principal Contractor.

SUPERVISION:

All ground beam activities will be supervised by our operatives.

TRAINING:

Ground beam operations will be undertaken by our trained and competent staff.

All operatives have undertaken CITB Health & Safety Awareness training.



Activity No: 65 Ground Beams

StartDate 01/11/2022 **End Date** 30/11/2022

Contract No 2726 **Site Name:** Butterstile Close, Prestwich

Project: Foundations

Author: Robin Eva

SAFETY OF OTHERS:

Other construction works should not be affected by the ground beam works.

The Principal Contractor is requested to ensure that:-

- all other site trades are advised of our works
- no materials are stored in our area of work
- 110v power is provided to our work area, if required
- adequate and safe means of access will be provided to all work areas
- fire extinguishers are provided
- no gas bottles are stored or used in the area of work
- protection is provided to prevent falls of materials into all areas of work.

Our chargehands responsible for the works will ensure that:-

- materials are lifted or moved in a safe manner
- the works are inspected at the end of each working day
- all operatives will wash their hands before eating or smoking.

EMERGENCY PROCEDURES:

In the event of an emergency arising from fire, the site foreman will: -

1. Instruct all operatives associated with the piling works to immediately stop works, isolate power tools and evacuate the site via the nearest emergency fire escape route.
2. Operatives shall assemble at the designated fire assembly point identified during the Health and Safety Induction Training.
3. Operatives shall remain at the designated fire assembly point until instructed otherwise by the Principal Contractor's fire marshal.

In the event of an accident arising, the following emergency procedure shall be implemented: -

1. The injured person shall raise the alarm by shouting Help or seek assistance from the nearest available work colleague.
2. First Aid shall be administered by the immediate site foreman and, if required, the emergency services shall be summoned by the site foreman. Notification shall be made to the Company via the site foreman or person(s) appointed on his behalf.
3. A suitable entry shall be made in the First Aid Book, both in the employer's book and the Company's book as soon as possible after the accident. It shall be the injured person's responsibility (or persons appointed on his behalf) to make the entry.

ENVIRONMENTAL CONTROLS:

The Principal Contractor shall generally be responsible for the following: -

1. Safe means of access and egress to and from the workplace.
2. Safe and adequate lighting of the work area.
3. Work area free from obstruction not associated with the piling works.
4. Use of available and appropriate welfare facilities throughout the installation period.

Risk Assessment

E = Eliminate R = Reduce I = Inform C = Control P = Public O = Operatives C = Contractors S = Staff

Hazard Identified

E R I C

Potential Harm

P O C S Existing Controls



Activity No: 65 Ground Beams

StartDate 01/11/2022 End Date 30/11/2022

Contract No 2726 Site Name: Butterstile Close, Prestwich

Project: Foundations

Author: Robin Eva

Injury from manual
handling of steel
reinforcement

☐☒☒☒

Minor Injury

☐☒☐☐

Employees to adopt tandem lifting
for loads over 25kgs where possible

☐☒☐☐

Use mechanical means for lifting
heavy or awkward loads where
practicable

Risk Factor for this Activity

L

E = Eliminate R = Reduce I = Inform C = Control P = Public O = Operatives C = Contractors S = Staff

Hazard Identified

E R I C

Potential Harm

P O C S

Existing Controls

Working below ground
level

☐☒☒☒

Minor Injury

☐☒☐☐

Ensure work areas are maintained
free from obstruction, slip and trip
hazards

☐☒☐☐

Temporary support to be provided
to excavation sides in accordance
with engineers design

Risk Factor for this Activity

L

E = Eliminate R = Reduce I = Inform C = Control P = Public O = Operatives C = Contractors S = Staff

Hazard Identified

E R I C

Potential Harm

P O C S

Existing Controls

Working in a confined
space

☐☒☒☒

Minor Injury

☐☒☐☐

Ensure work areas are maintained
free from obstruction, slip and trip
hazards

Risk Factor for this Activity

M

E = Eliminate R = Reduce I = Inform C = Control P = Public O = Operatives C = Contractors S = Staff

Hazard Identified

E R I C

Potential Harm

P O C S

Existing Controls

Working with concrete
/ cement

☐☒☒☒

Minor Injury

☐☒☐☐

Refer to COSHH procedures for
hazardous substances

Risk Factor for this Activity

M

Plant required for the Activity

Readymix Concrete Wagon

Concrete Poker

PPE required for operatives undertaking the Activity

Helmet

Safety Boots

Safety Goggles

Protective Clothing

Gloves

Site Managers Signature

Review Date



Activity No: 65 Ground Beams

StartDate 01/11/2022 **End Date** 30/11/2022

Contract No 2726 **Site Name:** Butterstile Close, Prestwich

Project: Foundations

Author: Robin Eva

Operatives involved in the Activity

Signature: Shaun Platt _____ Date: _____

Signature: Jack Platt _____ Date: _____

Signature: Ian Haslam _____ Date: _____

Signature: Sean McEnaney _____ Date: _____