

Construction Method Statement: Nets Adventure Course at Hollingworth Lake

1. Introduction

This Construction Method Statement outlines the procedures for the construction of a nets adventure course at Hollingworth Lake in Rochdale. The project aims to create a recreational facility while minimising environmental impact on this sensitive outdoor area.

2. Scope of Work

The project includes:

- Installation of perimeter fencing.
- Site clearance and preparation.
- Construction of concrete foundations.
- Fabrication and assembly of steel structures.
- Installation of a spectator and operations building.
- Installation of a bouldering wall.
- Installation of nets and challenge elements.
- Finishing works, including pathways and seating areas.
- Inspection, testing, and commissioning.

3. Site Management

3.1 Access and Egress

- All vehicles will access the site via the designated access point, controlled by a trained banksman.
- Delivery vehicles will park at the top of the gravel track adjacent to the site or at the café carpark, as appropriate.
- Pedestrian access will be clearly marked and separated from vehicular traffic.

3.2 Site Security

- The site will be secured with a 2.4-meter high steel mesh fence.
- Appropriate signage will be displayed to indicate that it is a construction site.
- Plant machinery will be stored within the fenced area overnight.

4. Environmental Protection Measures

4.1 Site Clearance

- Removal of vegetation will be kept to a minimum.
- Care will be taken to protect existing trees and vegetation.
- Any excess spoil will be spread locally if permitted; otherwise, it will be removed from the site and disposed of properly.

4.2 Waste Management

- All waste materials will be segregated and stored in designated containers.
- Recyclable materials will be recycled whenever possible.
- Waste will be removed from the site regularly by a licensed waste carrier.

4.3 Pollution Control

- Measures will be taken to minimise noise and dust pollution.
- Equipment will be maintained in good working order to reduce emissions.
- Spill kits will be available on-site to deal with any accidental spills.

5. Construction Activities

5.1 Fencing

- The perimeter fence will be installed using hand-dug holes to minimise ground disturbance.
- Posts will be securely fastened using tamper-proof steel clamps.
- A small gap will be left at the base of the fence to allow for the movement of small mammals.

5.2 Foundations

- Excavations for foundations will be carried out carefully, especially near tree roots. Under supervision of an arboriculturist. Vehicles to be used include a 3-ton mini-digger and small dumper truck
- Concrete will be poured into formwork and reinforced to provide a solid base.
- The site will be left undisturbed for a minimum of 4 weeks after the concrete pour.

5.3 Steel Structure Assembly

- Steel components will be delivered to the site in kit form.
- A telehandler will be used to move the components into position.
- Posts will be secured to the concrete pads using bolts and resin.
- Horizontal beams will be bolted to the posts to create the main steel frame.

5.4 Spectator and Operations Building

- The building will be constructed on a concrete pad.
- Treated timber will be used for the sides, with a corrugated tin roof.
- A shipping container may be incorporated for enhanced security.

5.5 Bouldering Wall

- The bouldering wall will be constructed off-site and delivered in sections.
- It will be assembled on-site and secured to a concrete pad.

5.6 Nets and Challenge Elements

- A specialist company will install the challenge elements and safety nets.
- All attachments will be galvanized and tested for safety.

5.7 Finishing

- The area within the fence line will be covered with a membrane and pea gravel.
- Pathways and seating areas will be constructed with a hardcore base and binding gravel.

6. Health and Safety

6.1 Risk Assessment

- A detailed risk assessment will be carried out to identify potential hazards.
- Control measures will be implemented to mitigate these risks.

6.2 Training

- All workers will receive appropriate training for the tasks they will be performing.
- Training will include site-specific hazards and control measures.

6.3 Personal Protective Equipment (PPE)

- All workers will be required to wear appropriate PPE, including hard hats, safety boots, and high-visibility clothing.

6.4 Emergency Procedures

- Emergency contact information will be displayed on-site.
- First aid facilities will be available.
- Emergency evacuation procedures will be in place.

7. Quality Control

7.1 Inspections

- Regular inspections will be carried out to ensure that the work is being carried out to the required standards.
- An independent inspection will be carried out upon completion of the project.

7.2 Drawings and Specifications

- All work will be carried out in accordance with the approved drawings and specifications.

8. Project Timeline

- The project is expected to take [insert estimated timeframe].
- Key milestones include:
 - Fencing completion: 2 weeks
 - Foundation completion: 4 weeks
 - Steel structure assembly: 8 weeks
 - Building completion: 9 weeks
 - Nets and challenge elements: 11 weeks
 - Final inspection: 12 weeks

9. Contact Information

- Project Manager: LIA JACKSON
- Site Supervisor: MEL ELLIS mel@challengeacademy.co.uk
- Emergency Contact: TBC

This Construction Method Statement will be reviewed and updated as necessary throughout the project. All personnel working on the site will be made aware of its contents and will adhere to the procedures outlined within.