

Construction Traffic Management Plan

Project:	THE HAVEN
Site Address:	5, KNOWSLEY VIEW, KNOWSLEY ROAD, RADCLIFFE, BL2 5PT
Date:	06 October 2022

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Document Version

Date	Revision	Prepared By	Issued To	Comments
06/10/2022	001	Anthony Rooney	Bury MBC Planning Dept	ref 68665

Plan Development

This document must be read in conjunction with site-specific documentation and company procedures including, but not limited to, the health and safety policy, construction phase plan (where applicable), risk assessments, method statements and permits to work.

The purpose of this plan is to detail specific arrangements and responsibilities in place relating to site traffic management and to manage the risks associated with vehicular and pedestrian traffic on site.

This document will be displayed and made available to all persons working on / visiting site (FORMER AINSWORTH NURSING HOME) under the control of Principle Contractor, RBUILD LTD

Introduction

The Traffic Management Plan

The purpose of this construction traffic management plan is to organise site activities so that general vehicle traffic and pedestrian traffic can be segregated to minimise the risk during construction of THE HAVEN, KNOWSLEY VIEW and so that traffic routes around the site can be used safely.

On average, each year, about 7 workers die as a result of accidents involving vehicles or mobile machinery on construction sites. A further 93 are seriously injured. The risks from construction site traffic can be controlled through the organisation and management of traffic on site.

The term vehicle includes cars, vans, lorries, delivery vehicles, low-loaders and mobile plant such as excavators, lift trucks and site dumpers etc.

The term pedestrian includes operatives, workers, management, consultants, visitors and any other person accessing the site on foot.

This construction site traffic management plan outlines the management of the movements of vehicles and pedestrians on site and interaction with adjacent land use. It does not cover the present permanent traffic situation and conditions surrounding the site.

Key issues in dealing with traffic management on construction sites and that will be addressed within this traffic management plan are:

1. Pedestrian and vehicle separation
2. Minimising vehicle movements
3. People on site
4. Loading and storage areas
5. Turning vehicles
6. Visibility
7. Signs and instructions
8. Public protection

Aims and Objectives

The purpose and aims of this plan are:

1. To identify the traffic-related hazards and risks present on site.
2. To effectively manage the risk from construction site traffic through implementing control measures.
3. To communicate the construction site traffic management procedures to all site operatives, visitors and other interested parties.
4. To raise awareness of the risks identified and controls in place.

5. To eliminate traffic-related accidents on site.

This document aims to provide a suitable site-specific plan for managing the risks of construction site traffic. RBUILD has a duty to ensure the safe management of pedestrian and vehicle movements on site.

Responsibilities

The general duties of the contractor in respect of traffic management are:

- Ensuring adequate planning of the work including traffic management arrangements on site
- Ensuring subcontractors make adequate provision for the selection and supervision of drivers and vehicle safety
- Setting standards for driver competence, vehicle safety and maintenance, and ensuring control of authorised drivers
- Ensuring co-ordination and co-operation between different subcontractors
- Co-ordinating the views of workforce representatives
- Ensuring all workers receive information, instruction and training in traffic management arrangements and site rules
- Monitoring the implementation of traffic management arrangements on site
- Reviewing the implementation of traffic management arrangements on site

The Site Manager

The site manager shall:

- Ensure measures such as the use of pedestrian barriers, signage, etc are implemented as required within the construction site following this document.
- Ensure a suitable briefing on traffic management requirements is included in the site induction for new starters and communicated in the form of a toolbox talk to existing workers following the arrangements in this document.
- Ensure suitable steps are taken to coordinate traffic movements in the construction area by involving subcontractor supervisors in regular reviews of planned work activities, including deliveries, every week as per the arrangements in this document.
- The Site Manager may delegate particular elements of the requirements of the traffic management plan to other competent members of the site management team as required to ensure the requirements are met effectively and efficiently.

Staff and Subcontractors

Subcontractors using construction vehicles shall ensure that the work involving the use of construction vehicles is planned and detailed in method statements and risk assessments taking account of the requirements of this document.

Workers in the construction area shall adhere to the site rules and the instruction provided through the site induction and/or toolbox talk for traffic management arrangements.

Workers shall report any deficiencies or faults in the arrangements for traffic management to the Site Manager

Traffic Management Risk Register

Risk	Controls
Pedestrians and vehicles interface Pedestrians struck by vehicles	Separate vehicle and pedestrian access routes to be established. Pedestrians to wear high visibility clothing (jacket or vest minimum) at all times on site. Audible and visual alarms to be in working order on vehicles. Signage to be displayed on site directing vehicles and pedestrians. Speed limit to be established and enforced.
Deliveries Collision/ conflict with other work activities	Clear instructions to be given for delivery drivers when placing orders / arranging deliveries. Site Manager contact details to be displayed at main site entrance for contact on arrival. All delivery vehicles to be directed to site on arrival and banksman notified where access onto site required.
Access equipment & Site Hoardings	Access equipment positioned in areas at risk from being struck by vehicles, including other mobile access equipment, to be segregated from vehicle routes with barriers. Heras site security fencing erected where applicable to prevent public access from the development and provide secure and safety element. Mobile access equipment to be accompanied by RBUILD operative when moving around site.
Excavations Vehicles entering proximity of excavation areas	Vehicles routes to be planned away from excavations as far as possible. Vehicles and plant to be kept a safe distance from excavations. Excavation parallel to and within 1m of vehicle routes where there is a risk of driving indirectly into the excavation to be provided with barriers along excavation.
Excavations by walkways Falls from height	Excavations to be provided with solid pedestrian barriers/fences a minimum of 900mm from edge of excavation. Barriers are to be distinctively marked with warning signs.
Reversing/ manoeuvring Collision with pedestrians/ structures	All reversing and/or turning vehicles (delivery vehicles and construction plant) to be accompanied by RBUILD operative.

Risk	Controls
Poor maintenance of vehicles Failure of built-in controls	All plant to be maintained and examined in accordance with manufacturer's instructions. Where plant is obtained on hire obtain copies of certificates from the hire company. All construction vehicles to be provided with suitable audible and visual indications of movement. Controls, lights and warning systems to be checked before first use each shift.
Lack of competence Human error due to lack of awareness	Confirm the competence of drivers for the particular vehicles to be used. Instruction given through inductions, on site safety briefings, signage and regular tool box talks. A banksman will be used if the driver's vision is restricted or when operating in a congested area. The carrying of passengers is prohibited.
Congestion Collision/excessive manouvering	Schedule of planned deliveries to be maintained and deliveries planned in advance to avoid conflict with other site operations or adjacent land uses.
Unauthorised use Misuse of plant	The ignition key will be removed whenever machine is left unattended and if left on site overnight all plant will be immobilised.
Noise Hearing damage	Figures for noise levels will be obtained from the hire company and where these are above 80dB(A) ear protectors will be worn.

Procedures

Deliveries

Deliveries will be timed to avoid the busiest periods for neighbouring dwellings whenever practicable. Consideration will be given to adjacent land uses and any shared access requirements and planned deliveries communicated and coordinated with any persons directly affected.

Mitigation measures will be taken to ensure that any impacts from deliveries are minimised.

On-Site/Off-Site Interface

Wheel wash facilities will be provided when necessary to minimise the spread of material from the site and the risk of road contamination. In addition, the site roads will be regularly cleaned.

These steps will ensure that material will not be transferred to the public highway. Dust suppression measures will be implemented on the site to minimise the risk of dust spread from construction vehicles associated with the development of THE HAVEN

Pedestrians

Traffic routes will be established to minimise the interface between vehicles and pedestrians. The site entrance will be separate for vehicles and pedestrians where possible, or where this is not possible and pedestrian and vehicle access cannot be adequately segregated, priority will be given to pedestrians and an RBUILD operative will coordinate all vehicle entry and egress from the site.

Pedestrian barriers & heras security fencing/hoardings will be erected at the site/development to control the interface between members of the public and site traffic.

A crossing point for pedestrians over the site access will be established and demarcated and signed. The site manager will ensure that the pedestrian and vehicle interface is safely controlled.

Control of Construction Vehicles

Vehicular access routes will be established on the site, all turning or reversing will be accompanied by an RBUILD operative

Subcontractors shall also make the above information available on site and will be stored at the site office.

Unused construction plant is stored away from work areas and designated traffic routes in agreement with the site manager and the construction plant will be promptly removed

from the site on completion of use.

All requirements for any additional plant will be discussed with the site manager in advance, before delivery to the site.

Communication of Information

The traffic management will form part of the site induction, and a toolbox talk will be delivered within the early stages of the project as a further reminder of the hazard of construction site traffic and the site-specific controls in place to reduce the risks on site.

Traffic management arrangements will be discussed during daily briefings to include planned deliveries and any restrictions or changes due to developing site conditions or short term activities.

Consultation and an open-door policy will be implemented to gain worker involvement and understanding in traffic management arrangements.

Reporting

Everyone on site must contribute to site safety, and will be requested to report any near misses or dangerous situations, including that involving traffic management on site.

The near-miss reporting system will be used to assess any deficiencies in the traffic management arrangements, and remedial action will be taken as necessary.

Subcontractors

All subcontractors will be inducted and provided with information on the traffic management procedures in place.

All subcontractors will be required to submit details of planned deliveries and to comply with the contents of this traffic management plan. Sub-contractor deliveries must be arranged via the Site Manager and coordinated with other planned deliveries.

Monitoring

Traffic management will be assessed and monitored ongoing throughout the project with any changes made to the plan as necessary to ensure safe access, egress and movement around the site.

Hours of Operation and Delivery Schedule

The following page contains the schedule of planned deliveries the site.

Type	Materials Description	Use	Frequency
Working hours			8am-5pm excluding sundays
Large Plant	Dump Truck Excavator	Ground works	n/a
Concrete	Ready mixed concrete	General construction use	n/a
Waste Removal	General Waste Removal	Demolition	week day collection / return
Building Materials	General Building Materials	Building works	mon-sat (strictly no deliveries sundays)