

# Construction Traffic Management Plan

<b>Project:</b>	Erection of pitched roof at the rear with two dormer extensions at the side and provision of rooflights to rear and side to provide a self-contained residential unit with cycle and refuse stores.
<b>Site Address:</b>	43 Langley Court, Langley Park Road, Sutton, SM2 5EW
<b>Date:</b>	03rd March 2024
<b>Hours of works:</b>	Mon - Fri 8:00am - 6:00pm - No work on weekends or bank holidays

Document Version .....	4
Plan Development .....	4
Introduction .....	5
The Traffic Management Plan .....	5
Aims and Objectives .....	5
Responsibilities .....	6
The Site Manager .....	6
Staff and Subcontractors .....	6
Traffic Management Risk Register .....	7
Procedures .....	8
Deliveries .....	8
On Site / Off Site Interface .....	8
Pedestrians .....	8
Control of Construction Vehicles .....	8
Communication of Information .....	9
Reporting .....	10
Subcontractors .....	10
Monitoring .....	10
Site traffic and Vehicle movement .....	10
.....	11
Schedule of Planned Deliveries .....	11



**Document Version**

Date	Revision	Prepared By	Checked By	Comments

**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, 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 managing the risks associated with vehicular and pedestrian traffic on site.

This document will be clearly displayed and made available to all persons working on / visiting sites under the control of the business.

# Introduction

## The Traffic Management Plan

The purpose of this construction traffic management plan is to organise site activities so that vehicle traffic and pedestrian traffic can be segregated to minimise the risk from vehicles, and so that traffic routes can be used safely.

On average, each year, about 7 workers die as a result of accidents involving vehicles or mobile plant 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 vehicles includes: cars, vans, lorries, delivery vehicles, low-loaders and mobile plant such as excavators, lift trucks and site dumpers etc.

The term pedestrians 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 around this site and interaction with adjacent land use.

Key issues in dealing with traffic management on site 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 /unloading 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.
6. to minimise fumes and monitor noise levels

This document aims to provide a suitable site-specific plan for managing the risks of construction site traffic. The business has 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 for 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 - Nethanel Kind shall:

- Ensure measures such as the use of pedestrian barriers, stop blocks, segregation of routes, signage, etc are implemented as required within the construction site in accordance with 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 in accordance with the arrangements in this document.
- Ensure suitable steps are taken to co-ordinate traffic movements in the construction area by involving subcontractor supervisors in regular reviews of planned work activities, including deliveries, on a weekly basis in accordance with the arrangements in this document.
- Ensure suitable steps are taken to co-ordinate traffic movements of adjacent sites, client occupied areas or other access requirements, in regular reviews of planned activities, in accordance with the arrangements in this document.
- Investigate, take appropriate action and respond to reports from workers on deficiencies and faults in the implementation of the traffic management arrangements in accordance with 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 in an effective and efficient manner.

## 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 using the site near miss reporting system.

# Traffic Management Risk Register

A separate risk management document will be provided, once works are ready to commence.

Hazard	Risk	Control Measures
Pedestrians and vehicles interface	✓	
Deliveries	✓	
Access equipment	✓	
Vehicles reversing and/or maneuvering	✓	
Poor maintenance of vehicles		
Lack of competence		
Congestion	✓	
Unauthorised use		
Noise	✓	
Vibration	✓	

# Procedures

## Deliveries

Deliveries, loading and unloading of storage and materials will be timed to avoid the busiest rush hour periods whenever practicable. Tuesday between 9am - 12pm are times when the waste lorries collect the rubbish from residential houses and flats on the surrounding streets, deliveries should be avoided at those times. Consideration will be given to adjacent land uses and any shared access requirements and planned deliveries communicated and coordinated with any persons directly affected. Loads will be moved immediately to the storage area (Located at the front to avoid vehicles driving past the residential area) no items will be left in walkways of pedestrians.

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

No plant machinery intended to be used on site - No digging/excavating / tipping etc intended.

Machinery that might be used are lifting equipment machinery, if they will be used, they will be kept locked away when not in use, in site locked boundaries at the front area between storage and WC.

Storage of materials will all be kept at the front yard of the premises in the locked compound area

## 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 (Such as mud) will not be transferred to the public highway. Dust suppression measures will be implemented in site to minimise the risk of dust spread.

## 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 segregates, priority will be given to pedestrians and 2 banksman will coordinate all vehicles entry and egress from site.

Pedestrian barriers will be erected at the site access 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 clearly demarcated and signed. The site manager - Nethanel Kind will ensure that pedestrian and vehicle interface is safely controlled.

Hoarding will be surrounding the entire construction zone area at front, no access to any one thats not part of teh construction team. Clear signage to be in place.

All hoarding will bve assessed if they obstruct any lighting for any residence or pedestrians, if yes additional lighting will be added onto the hoarding to ensure areas are well lit for pedestrians on the road and on the premises.

## Control of Construction Vehicles



Vehicular access routes will be established on site, with explaining to all vehicles arriving to site clear information about the area.

Vehicles will be coming down B2230 Brighton Road 30mph, approaching Cavendish Road on the right turns into a 20mph, delivery drivers to turn into Cavendish Road at the roundabout turn left onto Langley Park Road, turn first right onto Eaton Road, the site is in the left hand side.

Dustbin Lorries are usually collecting rubbish every Tuesday morning for the residential houses and flats, they come from opposite directions facing down Eaton Road left onto Langley Park Road and right onto Cavendish Road, deliveries should be avoided between 9am - 12pm

Top of Eaton Road there is a turning point for larger Lorries who need to go back out towards Langley Park Road

Portable WCS, as well as storage and waste area will be situated at the front of the site to minimise service and delivery lorries from driving through the premises unnecessarily these will be away from pedestrian routes, uneven ground, and structures. All turning or reversing will be accompanied by 2 competent banksman.

Records shall be kept on site for all construction vehicles accessing the site, and shall include the following:

1. Make, model and serial number
2. Records of inspection of work equipment including a written weekly check of the operation of the equipment confirming adequacy of safety devices such as emergency stops, audible and visual alarms, controls, guards etc.
3. Records of thorough examination of lifting equipment including dates of last and next examination.
4. Plant operators certification and training records.
5. A register of authorised users of each designated piece of construction plant.

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 construction plant will be promptly removed from site on completion of use.

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

### **Communication of Information**

All residents will receive updated information hand delivered to advise them the process of work and when there are any loading / unloading vehicles intended to arrive.

The traffic management will form part of the site induction, and a tool box 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 on site to gain worker involvement and understanding in traffic management arrangements.

Hours of work 8:00am - 6:00pm

## Reporting

Everyone on site has a duty to 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.

A record of all deliveries will be held at the site office. Delivery notes for all deliveries will be held on site (these will include the points of origin of the material).

The above information will be used to produce a monthly report this will identify any improvements required to the plan in addition to any deviations from that proposed.

## Site traffic and Vehicle movement

A traffic management plan will be in place with the segregation of pedestrian and vehicle traffic and the implementation.

Vehicles will be coming down B2230 Brighton Road 30mph, approaching cavendish road on the right turns into a 20mph, delivery drivers to turn into Cavendish Road at the roundabout turn left onto Langley park Road, turn first right onto Eaton Road, the site is in the left hand side.

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2 banks man will safely guide all vehicles arriving at the site from Langley Park Road, and a site speed limit of 5mph will be enforced using clear signage. All reversing and turning is to be carried out under the constant supervision of 2 banksman.

Access and egress routes is currently being shared by residents, drivers must take care when other vehicles and pedestrians are in any area through which they are moving.

Where possible audible and visual signals are to be used for any reversing.

Maneuvering of any sizeable loads or vehicles is to be carried out with 2 signallers in attendance, to ensure that third parties are kept clear of site operations. Where larger vehicles require turning / reversing to back out towards Langley park Road, should use the top of Eaton Road at the existing turning point for larger vehicles.



**RED - Canteen area at the rear**

**BLUE- WC area**

**YELLOW- this area situated at the front of the Netherland court will be split into two, 1/3rd will be rubbish, 2/3rd will be storage area.**

**Canteen area as well as WC portable area will all be set up before the scaffolding is erected.**

**The welfare, canteen, storage and waste area will be situated by Netherland court site and will also be used by the staff woking at the Langley court site.**

**Program of works**

Job: Langley Court, 43 Langley Park Road, SM2 SEW

Description: Erection of a pitched roof at rear to provide a self-contained residential unit



Week Nr:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Mobilisation/Prelims	█	█													
Scaffold Installation		█	█												
Strip out/Demolition			█	█											
Padstones & Steels				█	█										
External Wall Build Up					█	█									
Window Survey						█	█								
Roof Build Up and Watertighting							█	█							
1st Fix Partitions & Floor Buildup								█	█						
1st Fix Plumbing									█	█					
1st Fix Electric										█	█				
2nd Fix Partitions											█	█			
Window Installation												█	█		
Scaffold Removal													█	█	
Ceiling Plasterboard + Sound														█	█
Bathroom Tiling															█
Bathroom Sanitaryware + 2nd Fix Plumbing															█
Plastering Wall + Ceiling															█
Doors/Architraves/Skirting															█
Decorating - Phase 1															█
Flooring Installation															█
Kitchen Installation															█
Kitchen Appliance + Other Fittings Installation															█
2nd Fix Electric															█
Decorating - Phase 2															█
Testing + Certificates															█
Snagging															█
Final Clean + Clear Site															█
Key Hand Over															█

**Schedule of Planned Deliveries**

Type	Materials Description	Use	Frequency
<b>Welfare</b>	Portaloos Toilet - At front of the site, container at rear for canteen area.	<b>Welfare facilities, power to welfare facilities and storage requirements at site compound.</b>	Delivery – First Week Removal – Last Week
<b>Scaffolding</b>	Scaffolding Erection	<b>General construction use</b>	11 loads in 4 week period
<b>Waste Removal</b>	General Waste Removal	<b>Demolition</b>	2 skips per week
<b>Building Materials</b>	General Building Materials, bricks, plasterboards, steels, timber etc	<b>Building works</b>	3 loads per week

