

CONSTRUCTION ENVIRONMENTAL & TRAFFIC

MANAGEMENT PLAN

2091 – Waters Edge

gleeson

Gleeson Homes

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CONSTRUCTION ENVIRONMENTAL AND TRAFFIC MANAGEMENT PLAN

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CONSTRUCTION ENVIRONMENTAL AND TRAFFIC MANAGEMENT PLAN

Introduction

This Construction Management Plan (CMP) has been produced by Gleeson Homes in relation to the planning application for development of Waters Edge. The land is currently vacant with previous agricultural use, and part of wider Rhodia chemical works which was demolished by 2012.

We have currently Planning Approval for the scheme for forty dwellings and associated infrastructure, redline boundary as per the below:



The purpose of this CMP is to ensure the impact of construction work on the local residents and the nearby Local Facilities. The CMP provides detail of all measures considered appropriate at this time, however the CMP is a live document that will evolve as necessary to address issues that may be identified through ongoing consultation with local residents as the project progresses.

The Construction Project/Site Manager will be responsible for implementing measures contained in the CMP and will be the point of contact on a daily basis for local residents. The Site Manager will ensure that all contractors working on site have public liability cover in place before starting work on site.

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Site Manager, TBC

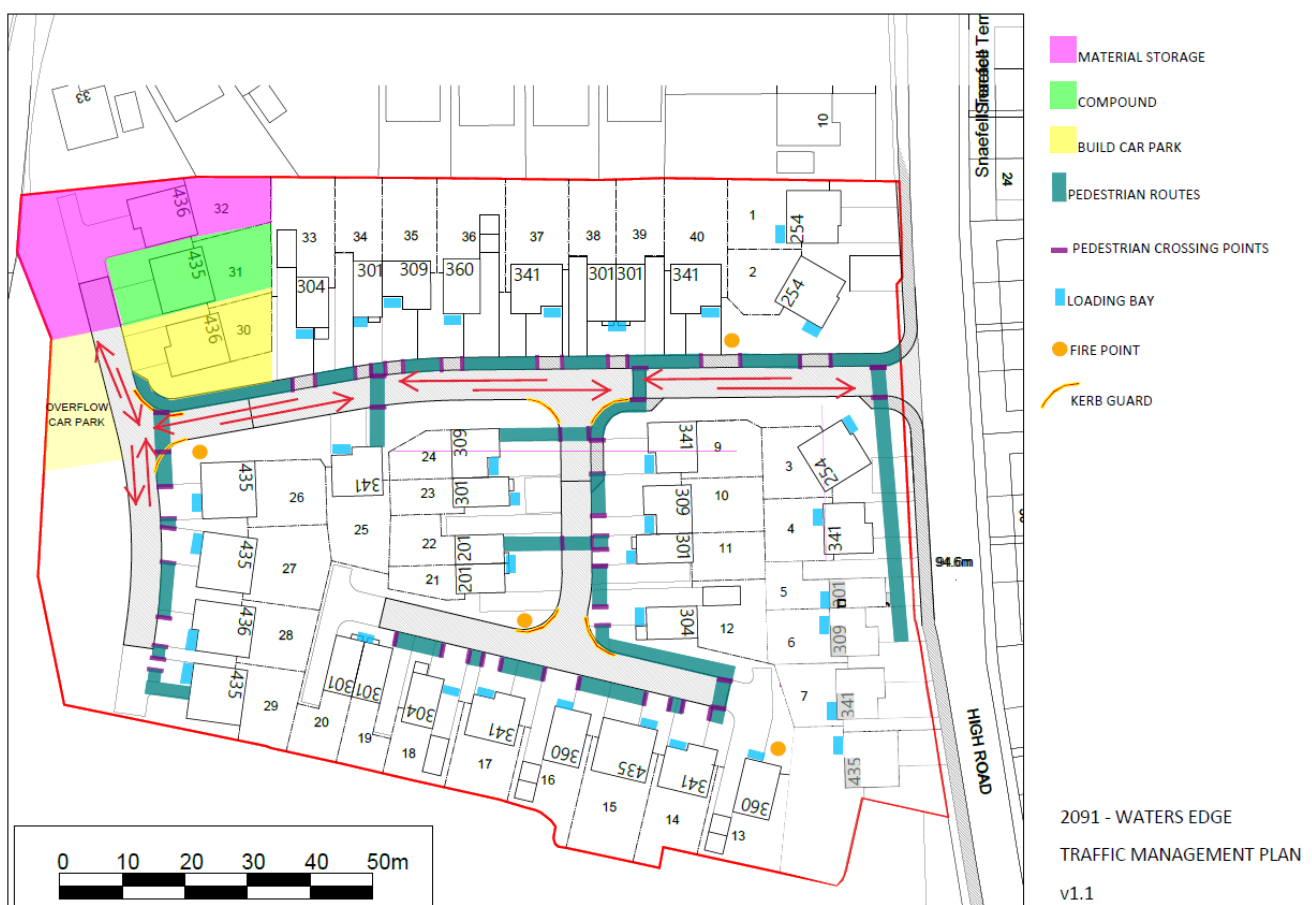
Construction Director, Phillip Williams pwilliams@mjgleeson.com

This document has been prepared with input from the project Architects, Engineers and Senior Construction Team to ensure that the CMP can comprehensively address all issues that may arise during the construction works. The CMP has also been checked by Gleeson's Health & Safety Manager, who will ensure continuous monitoring and compliance with all Health & Safety procedures.

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General Housing Construction

During the housing construction, deliveries will be made from the High Road. There will be a storage area which will be located predominantly within the Compound Area. The area will be clearly marked and all deliveries to the site during the construction process will therefore take place within the site boundaries and no materials or equipment will be stored outside the site boundaries.



Site Operating Hours

The site working hours will be from 8am – 6pm Monday to Friday and 8am – 1pm on Saturdays if necessary. No construction on Sundays or Bank Holidays

If there are any complaints or issues on the development during these hours, we urge complaints of the first instance to be discussed with our onsite senior manager or build manager appointed for the development.

General Site Safety

The Site Manager and Health and Safety Manager will ensure that residents are aware of how the construction works are progressing and an update will also be provided to the Local Community, this will provide an opportunity to raise any issues that may arise.

The Site Manager will keep in regular contact with local residents and affected parties when specific activities affecting the wider area are programmed. Any Complaints or investigations will be added to the CEMP for future reference.

Demolition

There are no buildings on site so there is no requirement for any demolition to take place.

Dilapidation Survey

It is agreed that prior to commencement of development a full condition and dilapidation survey will be carried out of the existing adopted roads and footpaths surrounding the site, in conjunction with the Local Authority Highway Department.

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Health and Safety Plans

The plans will be formulated by the in house H&S professional employed directly to Gleeson Homes who will co-ordinate CDM activities and inspect the development operations on a monthly basis.

Gleeson operate all operational activities following our Health & Safety Procedures, summarised as follows:

- HSP 001 – Construction (Design & Management)
- HSP 002 – Temporary Works
- HSP 003 – Site Health & Safety Induction
- HSP 004 – Safe Systems of Work
- HSP 005 – Personal Protective Equipment
- HSP 006 – Welfare Facilities
- HSP 007 – First Aid
- HSP 008 – Accident Reporting
- HSP 009 – Accident Investigation
- HSP 010 – Excavations & Breaking Ground
- HSP 011 - Buried Services
- HSP 012 – Overhead Power Lines
- HSP 013 – Service Strike Reporting
- HSP 014 – Confined Spaces
- HSP 015 – General Work at Height
- HSP 016 – Scaffolding
- HSP 017 – PUWER
- HSP 018 – LOLER
- HSP 019 – Telehandler Operations
- HSP 020 – Traffic Management
- HSP 021 – Site Security & Public Protection
- HSP 022 – Permits
- HSP 023 – Fire Safety
- HSP 024 – COSHH

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- HSP 025 – Abrasive Wheels
- HSP 026 – Noise
- HSP 027 – Vibration
- HSP 028 – Manual Handling
- HSP 029 – Young & Inexperienced Persons
- HSP 031 – Smoking
- HSP 032 – Enforcement Authority
- HSP 033 – Health & Safety Inspection Reporting
- HSP 034 – Asbestos
- HSP 035 – Environmental
- HSP 036 – Electrical Safety
- HSP 037 – Minimum H&S Training Requirements
- HSP 039 – Worker Engagement

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Traffic Management

Traffic Management Plan

All works will be undertaken following Gleeson Health & Safety Procedure – HSP 020 – Traffic Management.

Below is the proposed traffic management plan for Waters Edge, showing construction compound and traffic/pedestrian routes and segregation.

Construction Management & Traffic Management Plan (Appendix 1):



The site will be constructed from within the redline boundary, with the traffic management in place to ensure segregation from the pedestrians on site. This is shown with the barriers and crossing points detailed on the plan. There is limited work outside of the site boundary, the main development access and the driveways to the plots off High Road. Works to these areas

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are to be constructed within the specific security fencing to ensure safety and security of the works. This work will be completed with pedestrian routes to the public footpath being segregated to ensure safety maintained.

Deliveries

No deliveries will be permitted outside the working hours.

Deliveries will be taken between 9am and 2pm from articulated and rigid lorries operating from the High Road through to the compound utilising the constructed turning head where indicated on the above plan. The surrounding streets are sufficiently wide enough to cope with all delivery wagons.

All deliveries will be scheduled to be outside of the school muster times to ensure safety is maintained.

Parking of delivery vehicles on High Street is not allowed, rules above must be followed to avoid this.

The anticipated number of delivery vehicles through the development process will be anticipated as average 16 per week but some weeks there will be fewer and some weeks more, deliveries to the site will be anticipated for the full duration of the build currently predicted at 2 years. Delivery vehicles will range from small panel vans delivering packages to articulated lorries delivering large quantities of bricks, blocks and roof tiles.

Vehicles directly associated with the construction work will travel on the designated routes on site no construction operations are required outside the site boundary's.

Nuisance Control

A range of measures will be implemented to ensure that the potential impact of the works on local residents and neighbours will be minimised. These measures are discussed in turn below.

Dust Control

Dust will be controlled by damping down using a bowser or road brush attachment to the forklift truck and if necessary a daily road sweep. Construction dust such as grinding dusts will be reduced locally with the use of the dust suppression incorporated in to the equipment used. Dust will be further controlled by minimal stripping of vegetation and the hard surfacing of roads as soon as possible. Dust will be monitored by the site manager in conjunction with daily weather reports to determine the requirement for damping down a site and the wind direction for operation with a higher risk of producing dust BS 6069 Airborne Particles. Particular attention must be paid to the school timings of breaks and outdoor events.

Wheel Wash

Site vehicles will use hard surface areas only to minimise mud disruption onto existing highway. A bowser with hose attachment and stiff brush wash facility will also be provided to wash down site vehicle wheels prior to leaving site to reduce any further unwanted debris spreading onto the highway. Any operation such as muck shifting or plant deliveries will take place during 10am-3pm to utilise quiet times.

Any vehicles taken spoil from site will be sheeted to ensure no deposits onto the highways network.

Noise & Vibration Pollution

All works will be undertaken following Gleeson Health & Safety Procedure - HSP 026 – Noise & HSP 027 – Vibration

Noise assessments of the processes have been undertaken and we do not anticipate any noise pollution above recommended levels. Rotary cutting tools on site will produce noise but short bursts of usage will not exceed noise pollution limits.

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The restriction in site operating hours will be carried out in accordance with Local Authority guidance, thus preventing the carrying out of any noise disruption outside these hours or during weekends and public holidays.

Site inspections shall review any plant which is excessively noisy which shall be removed from site for repairs or replacement as necessary.

All equipment to be turned off when not in use, and no equipment will be used outside of the working hours.

Traffic routes where feasible will be located away from neighbouring residential properties, all traffic will follow the Traffic Management plan as appended to this document.

Storage of Materials

Construction materials such as cement, oils and fuels have the potential to cause pollution. All fuel, oil and chemical storage will be sited on an impervious base with a secured bund of adequate storage capacity. The risk of fuel spillage is greatest during refuelling of plant. Mobile plant would be refuelled within a designated area on hard standing. All pumps/hoses etc. would be checked regularly.

Provision will be made for storage of materials in designated areas including waste materials.

Site Security

All construction materials not in use will be stored on site in a secure location. The Compound area will be enclosed in a fully painted in corporate colours plywood and herras hoarding along its boundaries with high access gates formed at the entrance. The site will be locked outside of working hours to ensure that all materials and equipment are stored securely.

Other security measures such as Security Guards/Smart water etc. will be utilised where necessary.

The Site Manager is responsible for site security and emergency procedures and contact information will be provided on site for out of hours incidents.

Surface Water Construction Phase Management Statement

Health & Safety

- Prior to works commencing the contractor will ensure that the Health & Safety of the site is fully considered.
- The site and surrounding working area where work is being undertaken is to be fully cordoned off with suitable fencing.
- It will be the responsibility of the site manager to ensure that the surrounding areas are protected from any potential construction materials and associated debris.
- Consideration as to the construction of the surface water outfall is also required.
- As a further measure to reduce the risk of a pollution incident occurring all plant should be checked daily for oil leaks by the site manager or their chosen designate.
- Any hazardous liquids or materials will be stored in a bunded area in accordance with relevant legislation.
- Any plant being utilised as part of the construction works will be positioned accordingly to ensure no risk of slippage. The site manager is responsible for establishing suitable demarcation if required.

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Summary

This Construction Management Plan relates to the proposed development of Ivy Mills, the land is currently vacant but formerly a textile factory which was demolished in 2010. The purpose of the CMP is to ensure that the impact of construction works on the local residents and the immediate highway network is kept to a minimum.

The agreed contents of this Construction Management Plan must be complied with unless otherwise agreed with the Council. The person/s responsible for implementing the CMP shall work with the Council to review this CMP if problems arise in relation to the construction of the development and complaints from local residents. Any future revisions to this plan must be approved by the Council and complied with thereafter.

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Appendix 1 - Construction Management & Traffic Management Plan

A plan is attached which shows the Construction Management & Traffic Management Plan for the development site.

Reference; 2091 – Waters Edge – Construction Traffic Management Plan v1.2