Construction Environmental Management Plan rev C June 26

Condition 3 - 2023/91212 Land off Bankfield Drive, Holmebridge

1 - Timetable of works

Road and sewers - March to May 2025

Construction of houses – June 2025 to October 2026

Final road surfacing – September to October 2026

2 – Phasing

There will be no phasing of the development

3 – Hours of work

Monday to Friday	7.30am to 6pm
Saturday	8am to 12pm
Sunday	No working

4 – Access for construction traffic

Woodhead road

Bank Lane

Smithy Lane

Laithe bank drive

Laithe avenue

5 – Construction vehicle size

Maximum 8-wheel rigid truck

6– Numbers and times of construction vehicle movements

Approximately 30 vehicles/day.

7- Locations of HGV waiting areas and details of their management;

No HGV deliveries or movements to and from site These shall be timed outside of school start / finish times (30mins. before & after both periods)

See CEMP plan appendix 1

8 - Parking for construction workers;
See CEMP plan appendix 1

9 - Loading and unloading of plant and materials;
See CEMP plan appendix 1

10 - Storage of plant and materials;
See CEMP plan appendix 1

11 - Signage;

Signage will be provided at the site entrance that includes the Site Manager contact details, as well as directional signage to direct construction traffic to utilise the agreed route via Laithe Bank Drive.
All HGV delivery drivers have been informed that there are to be no deliveries between 8.15am and 9.20am and 2.50pm and 3.50pm. This information is also advertised at the site entrance.

See CEMP plan appendix 1

12 - Measures to be taken to minimise the deposit of mud, grit and dirt on public highways by vehicles travelling to and from the site, including the provision of adequate wheel washing facilities within the site;
See Wheel washing statement appendix 2

13 - Street sweeping;
See Wheel washing statement appendix 2

14 - Measures to control and monitor the emission of dust and dirt during construction;
See Dust control statement appendix 3

15 - Site waste management, including details of recycling/disposing of waste resulting from construction works;
Our waste is collected in skip and then sorted/recycled offsite.

16 - Mitigation of noise and vibration arising from all construction-related activities, including restrictions on the hours of working on the site including times of deliveries;
See Noise control statement appendix 4

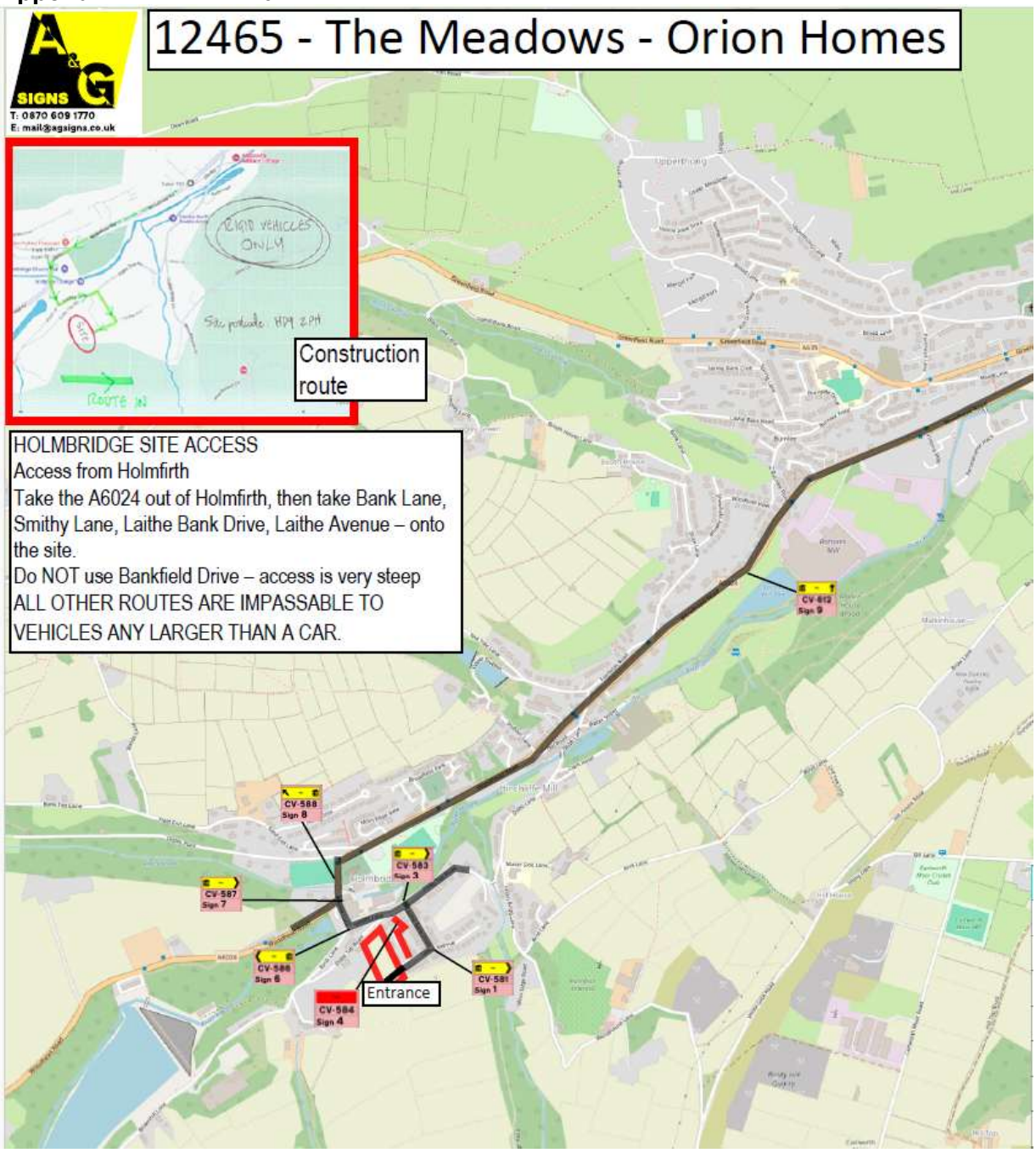
17 - Artificial lighting used in connection with all construction-related activities and security of the construction site;
There are no external lights used in the construction phase.

18 - Site manager and resident liaison officer contacts, including details of their remit and responsibilities;
At this stage we don't have a site presence so any contact should be made via our head office 01924 831030.

19 - Engagement with local residents and occupants or their representatives;
Residents are welcome to contact us should they need to either on our head office number 01924 831030 or once the site manager is on site then they are able to make contact directly with them. If there is anything that the residents need to be aware of our site team will make contact with them directly.

20 - Engagement with the developers of nearby sites to agree any additional measures required in relation to cumulative impacts (should construction be carried out at nearby sites during the same period).
There are currently no building sites close to our development.

Appendix 1 – CEMP Plan



There are to be no HGV deliveries between 8.15am and 9.20am and 2.50pm and 3.50pm, Monday to Friday.



Site parking for construction workers is provided on site in the areas highlighted in pink (8) and orange (19). The parking spaces all have a sign in the ground that says 'site parking'.

- **There will only be up to a maximum of 15 site staff, some of which share vehicles, so there will be plenty of space on site for construction staff parking through the construction period.**
- **The spaces in orange will be relocated as the site progresses and the signs will move to enable site staff to know where they are able to park. The spaces in pink will be available throughout the construction phase.**
- **Parking bays shown in orange on the plan will be demarcated using pin kerbs and the parking bays shown in pink will be marked out using spray paint.**
- **All site staff and contractors have been advised that there is no on road parking.**

Appendix 2 – Phasing plan



Appendix 3 – Wheel washing statement

During construction works an appropriate wheel-washing system will be provided to remove mud, stones and any other extraneous materials from the wheels and chassis' of construction vehicles exiting the site and all loads of construction materials, excavation spoil or other such matter shall be fully covered in order to ensure that no material leaves the site attached to the vehicle which might subsequently be deposited on the highway. The exit from the wheel washing system shall be constructed from a hard, nonporous surfacing material and sited as far away from the exit to the highway as is possible given the constraints of the site and the surface shall be kept clean at all times. Waste water discharged from the wheel washing system shall be stored and disposed of on site and shall not be discharged into the public sewerage system without prior removal of soil, stones and any other suspended material. Wheel washing will be kept under weekly review, with additional measure taken as necessary based on current site conditions and activities. Given the scale of the project, the system that will be installed will be a one man operated power hose that will be used when needed. In addition to providing active wheel wash facilities at the site exit, road sweepers/cleaners will also be brought in to deal with any emergency issues.

Complaints Procedure

If a local resident wishes to make a complaint regarding the amount of mud in the surrounding area with a failure to control such, the Orion Head Office number is displayed on main signage into site. In most cases, a Director will be made aware of complaints to ensure it is dealt with in the correct way and recorded.

Appendix 4 – Dust control statement

The Site Management team will be responsible for dust suppression on site.

Dust emissions during the construction of buildings or roads are associated with land clearing, drilling and blasting, ground excavation, and cut and fill operations (i.e., earth moving). Dust emissions can vary substantially from day to day, depending on the level of activity, the specific operations, and the prevailing meteorological conditions. A significant amount of the dust emissions results from construction vehicle traffic over temporary roads at construction sites. Dust emissions from residential construction are a function of land disturbed and the volume of soil excavated. The volume of soil excavated also varies by type of structure under construction.

In the drier month's an adequate supply of non-potable water will be used to suppress dust where practical. The Site Manager will be present during all working hours to manage the activity of dust suppression, evaluating and recording the need for suppression. Availability will be made for the use of a water assisted dust sweeper for internal and local roads as and when necessary, throughout this dry summer period. Equipment shall be readily available onsite to clean any dry spillages as soon as required after the use of wet cleaning methods. Dust suppression is not required in the wetter months of the year.

Vehicle movement will always be kept to a minimum, however, site access roads will always be hard surfaced where possible at an early stage to prevent dust emissions. Vehicles will also be covered to prevent escape of materials during transport, keeping loads to an acceptable level, without overfilling. Enclosed tankers shall be used where appropriate, such as where cement is being transported and stored in silos with suitable systems in place.

If dust appears from unidentified sources, the site team will suppress the dust where possible. Documentation must be provided for work activities, which is reflective of the work being undertaken. The type of control documentation required shall be detailed in the Construction Phase Safety, Health and Environmental Plan.

Enclosed chutes and covered skips to be used where appropriate. Loading and handling equipment which promote dust emissions will be avoided where possible with fine water sprays made available should the need for this equipment be unavoidable.

We will employ the following procedures:

Supervise
Ensure controls are properly used and RPE is worn correctly.

Maintain
Regularly look for signs of damage to water suppression or dust extraction equipment. Someone competent shall examine any dust extraction equipment thoroughly and test its performance at least once every 12 months.

Control Risks
Stop or reduce the dust before work starts, we will look at ways of stopping or reducing the amount of dust we might use. Use different materials, less powerful tools or other work methods. For example, you could use: the right size of building materials so less cutting or preparation is needed; silica-free abrasives to reduce the risks when blasting; a less powerful tool – e.g. a block splitter instead of a cut-off saw; a different method of work altogether – e.g. a direct fastening system. Where there is unavoidable waste, the burning of such material shall be avoided.

We know what activities create dust and will suppress the dust when possible. Unforeseen circumstances are, unforeseen, so we don't know they are going to happen. If dust appears from unidentified, unforeseen sources, the site team will suppress the dust where possible.

First Line of Defence Against Dust

The following methods will be used as a first line of defence in hot, dry conditions. This will be monitored and reviewed for each type of site operation, wind direction and weather condition. This is not an exhaustive list.

Once dust is in the air, it is very hard to control. The simplest way of controlling it is to stop it from getting into the air. Where there is regular traffic, this will be undertaken by a simple roadway water hose sprayer.

Water Suppression of Vehicles

Construction vehicles pass through a wheel hose pipe sprayer to prevent the throwing up of dust from the roadway.

Wet Cutting

Produces far less, often zero, dust emissions into the air. All cutting, grinding or sawing equipment to be fitted with suitable suppression techniques such as water sprays or extractors.

Spoil Heap Management

Spoil heaps to be kept to a minimum height. Site Manager will be in charge of deciding the best location for each heap taking into account prevailing wind and location of residential areas. All areas of earthworks and soil stockpiles are to be covered when not required. At the point where material is required the cover will be partially removed dependent on the amount required.

Sand and other aggregates will be stored in separate bunded areas and not allowed to dry out.

Tool Extraction

Removal of dust from individual tool as it is being produced.

Complaints Procedure

If a local resident wishes to make a complaint regarding the amount of dust in the surrounding area with a failure to control such, the Orion Head Office number is displayed on main signage into site. In most cases, a Director will be made aware of complaints to ensure it is dealt with in the correct way and recorded.

Appendix 5 – Noise control statement

Works are to comply with the Control of Noise at Work Regulations (2005) and shall be coordinated by the Site Manager. Refer to: Controlling noise at work - Guidance on the Noise at Work Regulations (2005)

Where possible noise levels at source are to be reduced by the careful selection of plant, with plant and equipment in a good state of repair, siting noise sources remote from the workforce.

Environmental

Environmental Management Controls are to be adopted during the works to reduce potential noise and vibration disturbance from site generated activities. In establishing criteria, controls and working methods, account shall be taken of guidance BS 5228 ‘Noise control on construction and open sites’.

• Use of normal working hours 07.30 to 18.00Hrs Monday to Friday and 08.00 to 12.00Hrs on Saturdays, with no works expected to occur on Sundays or Bank holidays.

• Where reasonably practicable, ensuring the use of quiet working methods, the use of the most suitable plant, reasonable hours of working for noisy operations, and economy and speed of operations; Operational Practices

• Machines in intermittent use shall be shut down in the intervening periods between work or throttled down to a minimum

• Materials shall be handled with care and whenever practicable not dropped. Plan deliveries in off peak periods where practicable

• Traffic management schemes to be implemented and maintained

• Ensure information on disruptive activities is adequately communicated through to neighbours

• Regular and effective maintenance of static and mobile plant by trained personnel to reduce noise from machinery Plant

• Preferred use of electrically powered plant as opposed to diesel or petrol driven, where possible

• All ancillary plant such as generators, compressors and pumps shall be positioned so as to cause minimum noise disturbance

Complaints Procedure

If a local resident wishes to make a complaint regarding the amount of noise in the surrounding area with a failure to control such, the Orion Head Office number is displayed on main signage into site. In most cases, a Director will be made aware of complaints to ensure it is dealt with in the correct way and recorded.