

APPENDIX E

Green Travel Plan



Bourne Court – Green Travel Plan

Travel Plan Overview

Clearview homes recognises that site activities and operations can result in impacts on society and the environment and is therefore working to reduce the negative effects of these operations whilst promoting positive outcomes where possible. Travel represents one such activity.

Whilst travel is necessary for operatives, Clearview is seeking to reduce the amount of impact of travel associated with by encouraging contractors and operatives to utilise green travel options.

The following are encouraged:

- 1. Promoting and encouraging walking as a means of transport in its own right or as part of a journey in conjunction with other modes of transport.**
The site is located within 5 minutes' walk from South Ruislip providing access from various destinations.
- 2. Promoting and encouraging cycling both as a form of private transport and as a link to public transport**
- 3. Promoting and encouraging the use of public transport**
- 4. Encouraging car sharing between operatives**

Walking to Train Stations



Bus route to Bourne Court



APPENDIX F

Noise Management Plan



NOISE MANAGEMENT PLAN

At
Bourne Court
South Ruislip
HA4 6SW

NOISE CONTROL

- 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, etc.
- Where noise levels remain above 80 dB (A), noise assessments are to be undertaken and suitable hearing protection made available to those that request it.
- Where noise levels are above 85 dB (A), establish hearing protection zones which are clearly signed.
- Ear protection must be worn within established ear protection zones.

- Ensure that noise does not cause a nuisance to persons in the vicinity of work being carried out.
- Where noise assessment indicates a risk to employees' health, undertake health surveillance for employees (i.e. regular exposure above a daily or weekly personal noise exposure of 85dB (A)).

NOISE CONTROL: 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'. Environmental Management controls are to include:

Sound Barriers

- Acoustic fencing - A noise barrier shall be erected along the eastern edge of the processing area
- Welfare as sound barrier - Site buildings such as temporary offices and stores are to be grouped together to form a noise barrier separating site operations and nearby noise sensitive premises where practicable.
- Earth noise bund - Temporary bunds (inert soil stockpiles) shall be built along the eastern and western boundaries of the site in phase with the landfill excavation, preventing noise disturbance to wetland birds and neighbouring residents
- Temporary sound barriers - Land remediation works taking place close to existing dwellings will be assessed. Use of acoustic screens will be used to mitigate noise where necessary
- Acoustic screens should be set up between the noise generating plant and any surrounding noise sensitive area. If possible, the line of sight between the top of machine and reception point at the nearest dwellings should be obscured. The material used for the screening should have a mass per unit of surface area in excess of 16 kg/m². To prevent some sound passing round the ends of short straight barriers, the length of a barrier used for screening should be at least five times greater than its height. Using well placed screening could reduce the noise levels by 10 – 15 dB.

Limited Work Hours

- Use of normal working hours 08.00 to 18.00Hrs Monday to Friday and 08.00 to 13.00Hrs on Saturdays, with no works expected to occur on Sundays

- 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 should be shut down in the intervening periods between work or throttled down to a minimum
- Materials should 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 interest groups Maintenance
- Noise caused by resonance of body panels and cover plates of machinery could be reduced by stiffening with additional ribs or by increasing the damping effect with a surface coating of special resonance damping material
- Regular and effective maintenance of static and mobile plant by trained personnel to reduce noise from machinery

Plant Specification

- If necessary, acoustic enclosures should be provided and/or acoustic screening for ancillary equipment such as generators
- Anti-vibration mountings shall be fitted where practicable to rotating and/or impacting equipment
- Preferred use of electrically powered plant as opposed to diesel or petrol driven
- All construction plant and equipment should comply with EU noise emission limits

Positioning of Plant & Equipment

- Locating noisy plant and equipment as far away from noise-sensitive receptors as reasonably practicable and, where possible, carry out loading and unloading in these areas
- Orientating plant that is known to emit noise strongly in one direction so that the noise is directed away from noise-sensitive receptors, where possible
- All ancillary plant such as generators, compressors and pumps should be positioned so as to cause minimum noise disturbance

- Crushing and screening activities shall be undertaken a minimum of 50m from wetland areas
- Lorries and dumpers shall be parked at a designated area, away from the residential properties

LETTER DROP TO LOCAL RESIDENTS

Before commencing any works Clearview Homes will distribute letters to all of the surrounding residence, introducing ourselves and briefly explaining what is happening and when. This will give the residence contact details of our project team and give them a chance to air any potential concerns also to give them contact details in the event of a noise complaint.

COMPLAINTS PROCEDURE

- Observe good neighbour procedures and dealing with any complaints in a speedy and sympathetic manner
- On receiving a noise related complaint inform the Site Manager who will be responsible for administering Complaints Procedure. A noise assessment will be undertaken to investigate source and implement noise attenuation/control measures to ensure noise levels are not exceeding agreed trigger levels.

ENVIRONMENTAL NOISE MONITORING PLAN

Clearview will be responsible for undertaking continuous boundary noise monitoring. Daily noise monitoring within the work zones will be undertaken by Clearview during noisy operations to check compliance with the Control of Noise at Work Regulations. This data will also be used to identify any increasing noise levels associated with the works.

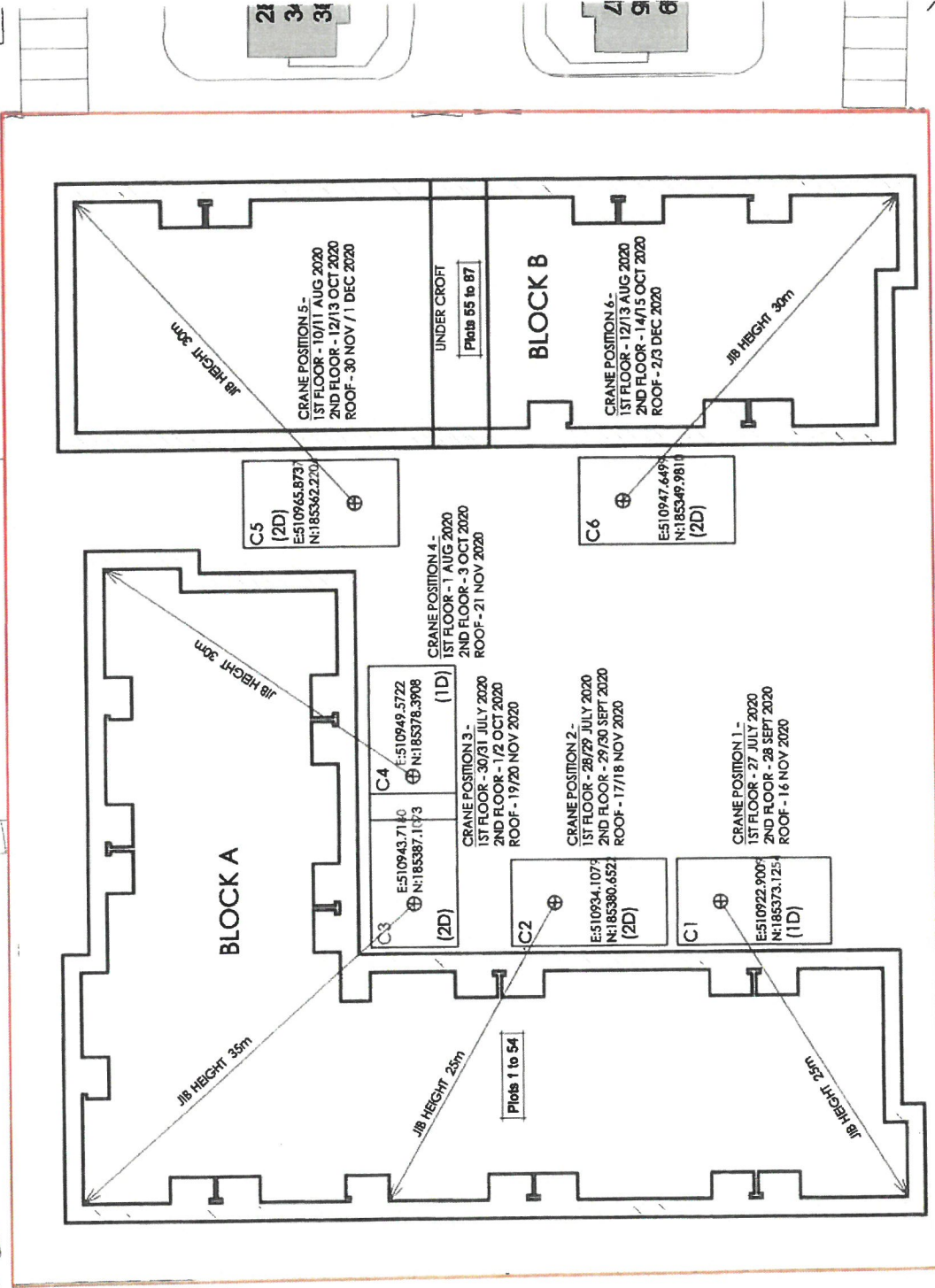
Additionally, aural noise monitoring will be undertaken on a continuous basis by the site manager, plant operators and site engineers to check plant is operating normally and to detect any significantly noisy activities.

APPENDIX G

CRANE LIFTING PLAN

CRANE LIFTING NOTES.

1. LIFTING POSITIONS DURATION GIVEN IN DAYS (2D)
2. COORDINATES PROVIDED ARE AT + CENTERLINE OF CRANE JIB AT BASE OF MACHINE.
3. THERE WILL BE TWO LIFTS THAT UTILISE THIS LIFTING PLAN, ONCE FOR THE 1ST FLOOR PLANKS AND AGAIN FOR THE 2ND FLOOR PLANKS.
4. THERE IS ONE FURTHER LIFT TO PLACE THE ROOF TRUSSES.
5. THE HIGHEST LIFTING JIB HEIGHT IS STATED FOR THE TRUSS LIFT, 2ND FLOOR LIFT IS 2.5m LOWER & 1ST FLOOR LIFT A FURTHER 2.5m LOWER.
6. THERE WILL BE 3 WEEKS BETWEEN EACH LIFTING PLAN, 1ST FLOOR / 2ND FLOOR / ROOF.
7. THE CRANE LIFTS WILL BE LIMITED IN OPERATION BETWEEN 8.00am & 5.00pm ON THOSE LIFTING DAYS.
8. THE RIDGE HEIGHT OF THE APPROVED STRUCTURE IS SET AT 9m (47.500 AOD)
9. A FORK LIFT WILL OPERATE ON SITE EVERY DAY BUT ITS MAXIMUM HEIGHT WILL NEVER BE HIGHER THAN THE STRUCTURE SET HEIGHT.
10. THE CRANE POSITION WILL BE SITED ON THE ROAD LEVEL WHEN IN USE.



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All dimensions are in millimeters unless stated otherwise.

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Bourne Court, Ruislip
87 Unit Scheme
Site Craning Plan
Clearview Homes

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Drawing No. 02
Revision P1