

Demolition Phase Environmental Plan for 49 House and Garages - Phase 2B (HDR Group Ltd).

Document no: T3509 Gorse Ride South DEMP P2 Rev 002 101224

Revision: 002

HDR Ref: T3509

Revision	Date	Author	Checked by	Approved by	Revision Details:
C01	10.10.2024	E Harrison	M. Parrott	M.Bailey	First issue.
C02	10.12.2024	E Harrison	M. Parrott	M.Bailey	Review and reissue December 2024

SECURITY CLASSIFICATION: OFFICIAL

PRE-ENVIRONMENTAL PLANNING FOR DEMOLITION & ASSOCIATED WORKS

of

Gorse Ride South, Wokingham, RG40 4JU.

Written By: Mr. Edwy Harrison (HSEQ Manager)
HDR Group Limited

Checked By: Mark Parrott (Director)
HDR Group Limited

Revision History		
Date	Revision No.	Details of Revision
10/12/2024	C02	Alterations to phase 2B Locations on maps within Boundary, works area and tree protection.

"A safe Environment is not one which is merely an absence or a low number of serious injury incidents, but is the result of active participation by management and work-force in identifying hazards and then doing something positive about them".

Dear Sir.

We confirm that HDR Group will comply with the principles, standards and objectives laid down in the pre-construction Phase Plan. We are aware of our roles and responsibilities under the CDM Regulations again as documented within the Pre-Demolition Phase Environmental Management Plan; we also confirm we will provide all necessary information for the Health & Safety File, also referred to within the Pre-Demolition Health & safety Plan.

Signed of behalf of HDR Group Limited

Senior Member of the HDR Group Limited Project Team

Author:

Name: Edwy Harrison

Signature:

Date: 10/10/2024

Checked:

Name: Mark Parrott

Signature:

Date: 10/10/2024

This Demolition Phase Environmental Plan should at all times be read in conjunction with the HDR's Health & Safety & Environmental Policies, Procedures & Safe Systems of Work should also be consulted. The Plan contains cross references to these documents.

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1.0 Introduction & High-Level Summary

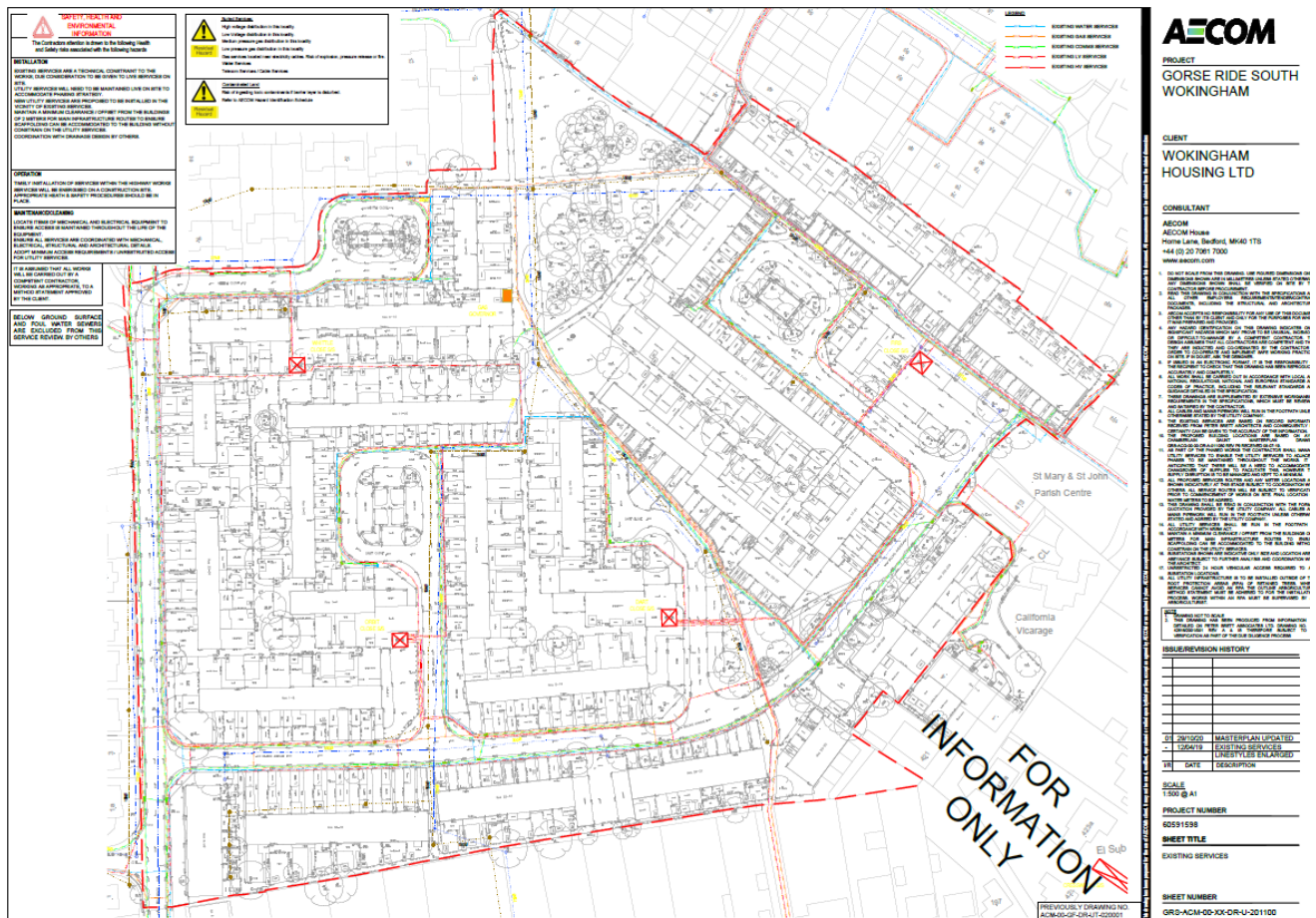
The project is being undertaken by HDR Group Ltd, who will be acting in the role of the Principal Contractor for the demolition & associated works package of 49 houses & associated garages situated at Gorse Ride South (Orbit close, Billing Avenue and Whittle close), Wokingham, RG40 4JU.

The buildings are all in good condition having been constructed in the 1970's. The estate comprises bungalows & two storey houses, all of which are of similar construction. The dwellings are built in terraces. The roofs are pitched, with flat roof tiles which are often covered in moss. The roof tiles & ridge tiles are in good condition throughout. A minority of properties have vent tiles in the ridge, & these have mesh inserts. The front & back of the properties are covered in wooden cladding (absent from 21a-22b Billing Avenue), occasionally this has been replaced by hanging tiles. Soffit boxes are absent. Windows are uPVC and porches have been constructed on some properties.

In addition, some of the properties have associated garages, either attached to the property itself or built-in discrete rows. These are single storey, flat-roofed, concrete structures, rendered with pebbledash for the most part. They are generally in far poorer condition than the properties themselves. The majority of the garages have a gap where the door does not meet the top of the frame, a large number also have large cracks in the concrete and gaps where the cladding strip are not flush with the wall (forming crevices).

The majority of the residential properties contained within the site boundary (*that measures approximately 5.2ha*) have had pre-demolition asbestos surveys completed & asbestos has been identified as being present in most of them, the asbestos containing materials will be removed in accordance with the Control of asbestos Regulation 2012.

All the residential properties contained within the site boundary (*Red dashed line detailed in the figure below*) are subject to service disconnection & a isolation/disconnection certificate will be issued after a physical cut has been made between the retained live service & the residential properties that are ear marked for demolition & clearance.



Further to the above no demolition work is to be undertaken until the following is in place for each of the areas of work:

- Bat licences – this is in place although surveying has identified that there are no bat roosts in the 2b phase as per the ecologist's report, all areas will be monitored during works and a final inspection will be undertaken prior to demolition works and if any indicators or bats are present works will stop and ecologists advice sought. (**Licence Ref No: 2021-53436-EPS-MIT**).
- Protected Species Toolbox Talk Briefings have been delivered & signed off by all demolition personnel, this will be repeated due to the opportunity for new or replacement operatives at the project.
- Signed off clearance of reptiles from any given area of demolition work by the ECoW (*Ecological Clerk of Works*) before work any can be undertaken.
- Introduction of avoidance measures to reduce the risk of harm during demolition – this would also need to be signed off by the ECoW (*Ecological Clerk of Works*) before work any can be undertaken.
- Installation of Bat & Bird Boxes to designated areas – again this would also need to be signed off by the ECoW (*Ecological Clerk of Works*) before work any can be undertaken within any given area.
- Further to the above the ECoW (*Ecological Clerk of Works*) should be consulted before any demolition work is undertaken especially in respect to clearing of suitable reptile habitats, nesting bird checks or any unforeseen wildlife findings.
- All protected species mitigation activities & actions must be recorded within the site diary & H&S file. For some of the mitigation (*e.g., reptile translocation*), it will be crucial for the demolition site manager to be able to confirm that X has happened before Y commences.

Arboriculturally & Ecological investigations / surveys have been undertaken & have recorded the presence of habitats & species that require to protected.

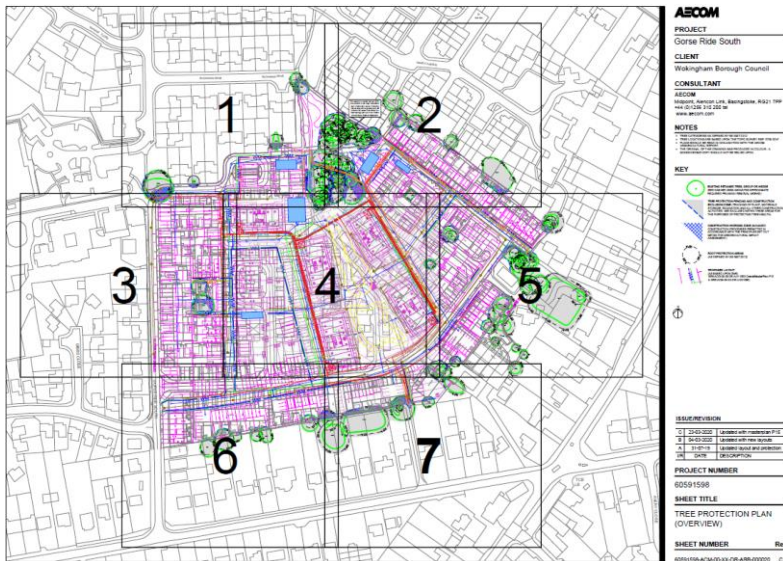
Habitats

The most important ecological features at the site are considered to be the trees, a proportion of which are to be removed to facilitate the redevelopment (***Appendix VIII of the EcologicalImpactAssessment_1Of2-241800a-P5 REVISED & EcologicalImpactAssessment_2Of2-241800b-P5 REVISED*** refers). To safeguard the boundary features, habitats adjacent to site & trees that are being retained, adherence to an arboriculturally method statement & tree protection plan will be strictly adhered throughout the demolition phase of the works.

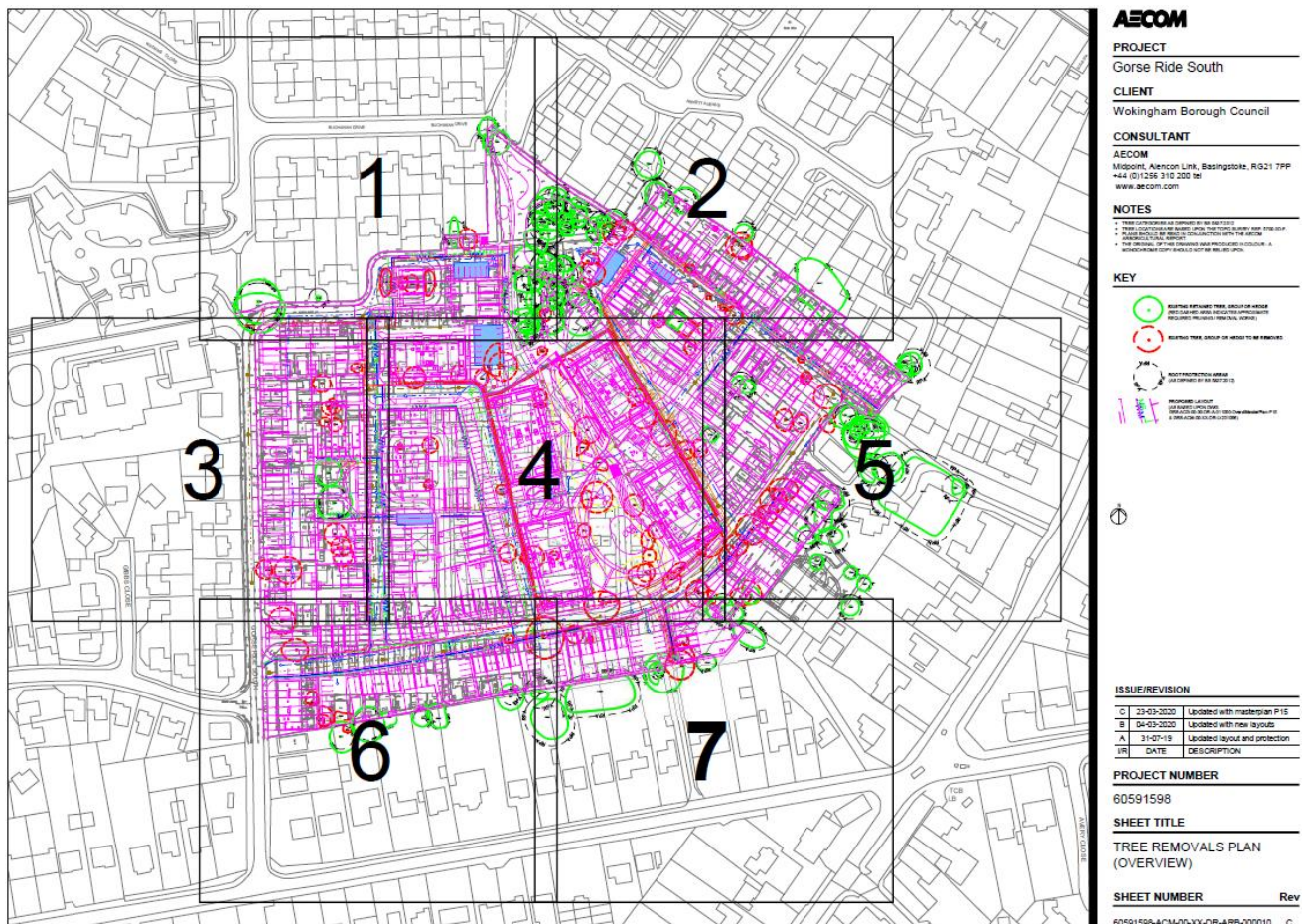
Tree Protection

Before any form of demolition & clearance work can start, please refer to the tree protection plans, assessments, recommendations, guidelines & methodologies set out in Arboricultural Impact Assessment report documentation (***EcologicalImpactAssessment_1Of2-241800a-P5 REVISED***) This document should be referred to in the first instance in respect to all tree related discussions & decisions that will involve the demolition & clearance operations that are being planned & carried out on site.

Tree Protection Plan (Overview)



Tree Removal Plan (Overview).



Protected &/or Notable Species.

Baseline investigations detailed in [Appendix VIII of the Ecological Impact Assessment_10f2-241800a-P5 REVISED](#) have identified protected species implications for the site relating to bats, badger, hedgehog, breeding birds, reptiles & invasive species, which are summarised in turn below:

Bats

The Ecological impact survey (Please refer to [Appendix VIII of the EcologicalImpactAssessment_10f2-241800a-P5 REVISED & EcologicalImpactAssessment_20f2-241800b-P5 REVISED](#) for further details).

No properties in phase 2B have been identified as housing Bat Roosts per the ecologist's report, all areas will be monitored during works and a final inspection will be undertaken prior to demolition works and if any indicators that bats are present works will stop and ecologists advice sought.

Table 1 provides a summary of the roosts present & their conservation significance (Mitchell-Jones 2014), & the impacts from the development. Previous revisions of this document (for phase 2A) did identify the presence of bats.

Table 1: Bat Roost locations (none identified – all ops to be aware of the potential presence of bats).

Roost location	Roost type	Access to roost	Number of bats	conservation	Impact
None	N/A	N/A	N/A	N/A	N/A
None	N/A	N/A	N/A	N/A	N/A

Further details of the recommended requirements & stipulations can be found in [Appendix VIII of the EcologicalImpactAssessment_10f2-241800a-P5 REVISED & EcologicalImpactAssessment_20f2-241800b-P5 REVISED](#) - These documents should be referred to in the first instance in respect to all ecological related discussions & decisions that will involve the demolition & clearance operations that are being planned & carried out on site.



Badger

Badgers are protected from harm under the Protection of Badgers Act 1992. It is recommended & will ensure that during the course of the demolition works that no excavations are left open overnight i.e., they should be backfilled (*where reasonably practicable*). Where this cannot be avoided, they should be left with inclined ends (*battered back at 45 degrees*) to provide a means of escape for any animals that may fall in.

Hedgehog

Hedgehog is a priority species listed under Section 41 of the Natural Environment & Rural Communities (NERC) Act 2006. The site offers good foraging and refuge opportunities for this species. Furthermore, the gardens are currently permeable to the species since the close board fencing & walls present on site are in poor condition.

To enhance the site's potential to support hedgehog, five artificial nest boxes (Schwegler hedgehog dome) will be provided. These will provide areas of shelter for hedgehog & should be sited securely, adjacent to retained boundary forming vegetation. It is also recommended that connectivity within the back gardens is maintained for hedgehogs, by inclusion of a small gap along the edge of all gardens 13 cm by 13 cm.

Whilst & should clearance work be undertaken over the winter period then care should be taken to ensure any hedgehogs present on site are not harmed, as this species hibernates over winter & is vulnerable to disturbance. If a hedgehog is found during the clearance works then the project ecologist must be contacted to assess the animal, to ensure it is fit for release, or if necessary, transferred by the ecologist to a suitable animal rescue centre for later re-release into the local area.

Breeding Birds

All wild birds, their nests and eggs are protected under Section 1 of the Wildlife & Countryside Act 1981 (as amended), with certain species afforded additional protection measures. In addition, certain species are listed as priority species on Section 41 of the NERC Act 2006.

Given the protection afforded to all breeding birds, their nests, eggs & young, **Appendix VIII of the Ecological Impact Assessment_10f2-241800a-P5 REVISED** recommended that demolition & vegetation clearance work is undertaken outside of the breeding bird season (March to August inclusive), or if this is not practicable, should be preceded by a check for nesting birds by a suitably qualified ecologist to confirm that no active nests are present. If evidence of nesting is recorded, works within that particular area should not proceed until the chicks have fledged, with a buffer zone around the active nest of 5 m as a minimum.

Replacement nesting opportunities can & will be provided if required through the installation of various artificial bird boxes. These should include boxes suitable for a range of bird species including sparrow, starling, & swallow & be installed on retained trees or new buildings throughout the application site.

Reptiles

All species of common reptile receive at least limited protection from harm under the Wildlife & Countryside Act 1981 (as amended) & are protected against reckless killing & injuring.

There are discrete areas of suitable habitat to support reptiles within the site boundary, & there is anecdotal evidence from a resident who reports that slow worms are present in their garden. The demolition & site clearance which, in the absence of suitable mitigation, are likely to result in the loss of the onsite reptile population.

The Ecological Impact Assessment (**Appendix VIII of the Ecological Impact Assessment_10f2-241800a-P5 REVISED**) recommended that rather than undertaking a reptile presence/absence survey it proposes that presence of common species of reptiles is presumed & that a precautionary approach to site clearance is undertaken. A reptile mitigation strategy has been devised to ensure legislative compliance through adequate protection & safeguarding of the reptile population in line with relevant best practice guidance.

Site Induction / Toolbox Talks

The site manager will ensure that anyone undertaking site clearance works on the site (including sub-contractors) are made fully aware of the potential for the site to support common reptiles; where to expect them; their protected status; & the procedure to follow in the event that reptiles are discovered during works. Where applicable this advice will be given through site inductions, toolbox talks or similar. A copy of the Ecological Impact Assessment will be kept on site & available for inspection at all times. The Site Manager will be responsible for ensuring that any new members of site staff or contractors are made aware of the ecological sensitivities during site inductions.

Photographs to aid identification of protected species will be provided within the Ecological Impact Assessment Appendix V documentation to the Site Manager & will be made readily available to all staff throughout the demolition & clearance phase. Site operatives will be instructed to be vigilant to the presence of reptiles or other wildlife in their working areas & encouraged to report any new evidence noted in their works area to the Site Manager.

Receptor Site

A suitable receptor area, to which the population of reptiles will be translocated, will need to be determined & agreed with the LPA prior to commencement of the site works. The reptile receptor site should be of sufficient size and offer carrying capacity for a larger number of reptiles than the 'low' population of reptiles that has so far been presumed. It should have good links to the wider landscape. No Reptiles have been spotted or disturbed in the undertaking of HDR-Group's works and have therefore not needed to be relocated during the first phase of works, all operatives instructed to adopt a watching brief for animals in the works area.

Translocation

The translocation of slow worms from the site will take place during the active reptile season (typically mid- March until mid-October subject to seasonal variable weather) inclusive period.

Reptile refugia will be set out in high density in all potentially suitable habitats & will be checked during periods of good weather conditions (in dry, still conditions with air temperatures between 10 and 20°C). Any slow worms encountered will be captured & moved to the receptor site.

All reptiles found will be captured by hand by ecologist & transported in suitable containers to the receptor area, taking care to ensure they are not subject to undue stress or heat. Reptiles would be released into suitable habitats within the receptor area close to cover. All reptiles will be released as soon as possible following capture, unless environmental conditions require the animals to be held temporarily until weather conditions become more suitable. Capture records, including information on sex, life stage, location of capture, weather conditions and location of release, will be noted. The translocation exercise would continue for a minimum of 30 trapping days (until five clear trapping days or consistently low capture rates are achieved) though may be curtailed depending on capture rates.

Vegetation Clearance

When capture rates begin to decline noticeably, vegetation management on-site will be undertaken under supervision of an Ecological Clerk of Works (EcOW) in order to maximise the chances of reptiles using the refugia on-site by reducing the number of alternative areas for shelter.

This should be completed as a two phased cut, one to c.150 mm, with a second cut to ground level following at least 24 hrs later to allow reptiles to move off.

Destructive Search

An ecological watching brief will be undertaken by the ECoW at the site during all habitat clearance works with potential to impact on reptiles. On completion of the translocation/vegetation clearance exercise any remaining debris & potential reptile refugia, such as piles of rubble, logs, & discarded man-made materials, will be checked by hand by the ECoW before being removed from site. All reptiles found during this clearance will be released into the receptor site on the same day. Existing topsoil will then be destructively searched being stripped by an excavator with a toothed bucket to an average depth of 300 mm, the topsoil turned & stockpiled on site as required.

Additional Measures

Any materials such as bricks, stone etc. will be stored on pallets to discourage reptiles from using them as shelter. Any demolition materials will be stored in skips or similar containers rather than in piles on the ground.

Invasive Species

In order to avoid committing an offence these species should not be allowed to spread into neighbouring plots of land. If they do spread, remediation measures such as chemical control or cutting, would need to be undertaken by specialist contractors.

Summary of Recommended Mitigation, Compensation and Enhancement Measures

- A bat European Protected Species Licence (EPSL) will be applied for with Natural England.
- Sensitively timed site clearance to protect any reptiles, nesting birds and hedgehog.
- Adherence to arboricultural method statement & tree protection plan to prevent damage to boundary features and retained trees.
- Installation of a range of bat & bird boxes to be installed on retained trees & on selected new dwellings.
- Installation of hedgehog artificial nest boxes.

All surrounding neighbours, residential & commercial properties will be contacted & issued with a newsletter as detailed in Appendix A.

The aim of this document is to detail the procedures & documentation which is required by HDR Group Ltd to manage the environmental aspects arising from the demolition & associated works; adhering to all recommendations & guidance detailed within Wokingham Borough Council's Code of Construction Practice the Aecom's Arboricultural & Ecological Impact Assessments - ***Appendix VIII of the Ecological Impact Assessment_1Of2-241800a-P5 REVISED & Ecological Impact Assessment_2Of2-241800b-P5 REVISED.***

2.0 Scheme of Protective Works & Community Liaison Consultation Strategy

Prior to commencement a newsletter will be issued to all local community. The community will have been & informed of the project commencing & contact numbers established. The proposed newsletter for this project is detailed in Appendix A. This will be additionally displayed in a minimum of 2 locations on the perimeter fencing.

The community newsletter will be updated bi-monthly as a minimum & communicated as above. All contact details will be clearly highlighted in the case of enquiry &/or complaint. The site manager will act as the primary neighbourhood liaison officer / first point of contact.

Regular dust & vibration monitoring will be taken throughout the works to ensure control measures are working & target levels not exceeded. These readings will be taken from adjacent sensitive / proximate neighbours. target levels are to be 10Db less than the background noise levels.

If complaints are received, the method of works relating to the complaint will be reviewed & if necessary, this will be amended; all efforts to achieve & minimise community propensity to contact the project team will be made via best practical means & work practices.

There will be no deliveries or collections to the site, & the starting of site plant before 8am or after 6pm.

The company will ensure a level of courtesy is maintained by all site personnel at all times to all local residents, site visitors & the passing public particularly females.

This will also relate to any member of the ethnic communities as any form of racial discrimination, verbal abuse, or incitement will be viewed as a serious breach of this company's policies.

The company will ensure that at no time will any site personnel will be allowed in any public area wearing tee shirts with offensive slogans on them.

At no time, will any site personnel be allowed to sit outside the site in any public area.

The company will ensure that no site personnel will be allowed to leave site & in particular travel on public transport wearing site clothing. All site clothing shall be changed to domestic clothing prior to leaving site.

All persons working on site will be advised via a toolbox talk that the highest priority relating to environmental impacts will be to maintain the quality of life to the highest level for all site neighbours & local community at all times.

Any site person receiving a concern or complaint from adjacent properties or passing pedestrians shall refer the matter immediately to the Quality & Compliance manager; Edwy Harrison, who will record the fact & refer the matter to the project management team who will then carry out an investigation. The site project manager will oversee all compliant investigation & the end results shall be recorded in the site diary.

2.1 Complaints Procedure

Prior to commencement on site, all neighbours will receive a newsletter that will show mobile numbers as a site contact numbers.

If contacted with a complaint, noisy works will immediately cease. A record of the nature of the activities being undertaken at the time of complaint will be evaluated. The site manager will then visit the neighbour in question & listen & record their complaint in a form of a statement. Where possible; a suitable time will be agreed with the neighbour.

All complaints will be recorded with the Community Liaison Feedback log – time, date, & nature of complaint, & proposed action with immediate effect. Where the complaint is legitimate the methodology for the contravening element of enabling & remediation will be reviewed & amended.

The following personnel will be responsible for the safety & environmental management of this project

❖ Mr Mark Bailey	Managing Director
❖ Mr Mark Parrott	Operations Manager
❖ Mr Edwy Harrison	HSEQ Manager
❖ Mr Warren Tutty	Site Manager
❖ Mr James Barnard	Project Coordinator
❖ Mr Peter Lodge	Group Safety & Environmental Consultant (Visiting).

Contact Details

❖ Mr Mark Bailey	07850 004 514
❖ Mr Mark Parrott	07494 496 191
❖ Mr Edwy Harrison	07535 687 313
❖ Mr Warren Tutty	07584 014 114
❖ Mr James Barnard	07956 989 329
❖ Mr Peter Lodge	07803 666 144

2.2 Environmental Issues

Where an environmental issue occurs on site or is raised as a concern by adjacent properties or passing individuals, the following actions will be implemented by the Project Management team

- ❖ The issue will be recorded in the site diary & investigated by the HSEQ Manager supported by Operations manager. .
- ❖ Where required controls will be reviewed and the appropriate actions will be implemented to prevent reoccurrence.
- ❖ Then monitor those actions.
- ❖ Close out the issue.

3.0 Site Hours of Work

The site operating times will be:

8am to 18:00 Monday to Friday & 8am – 1pm on Saturdays.

Any requirements to work outside these times will be by prior agreement with Wokingham Borough Council.

Noisy works will be undertaken in accordance with voluntary section 60 standard working hours 8-10am, 12-2pm & 4-6pm allowing quiet periods between 10-12 noon & 2-4pm. Due to the nature of the works & the varying adjoining owners; from time to time this will be reviewed to suit the locality & to suit specifically affected neighbours as stated previously.

4.0 Vehicle Movement and Deliveries

4.1 Site Traffic Management

To lessen the impact of site traffic & their contribution to carbon emissions from vehicle exhaust gases this impact will be controlled by the following measures: -

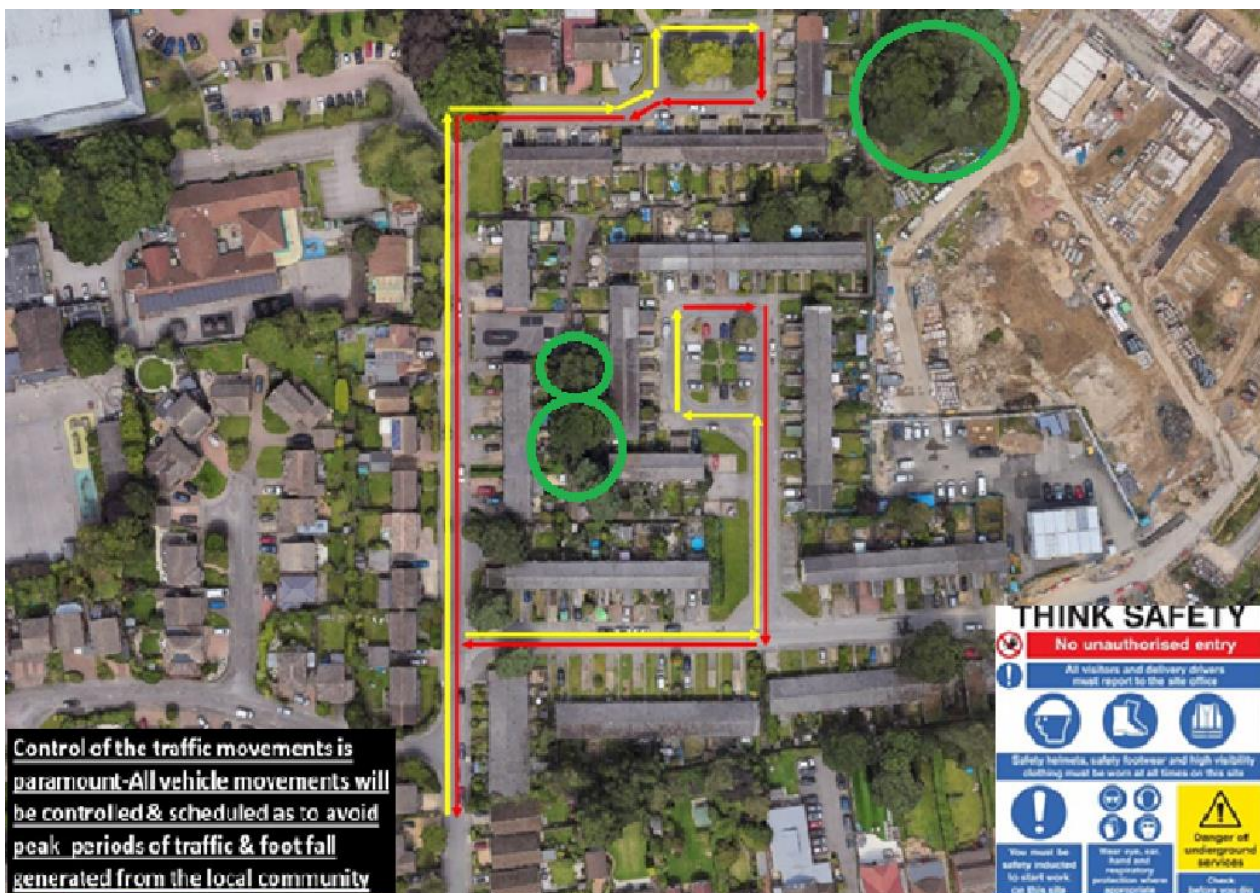
- The designated traffic routes to and from the site and to & from the originating & final locations are to be determined using the following philosophy:
- The avoidance of using residential roads particularly those with sensitive areas such as schools, hospitals, community centres etc.
- Avoiding any school starting & finishing times.
- The routing to the major A roads as quickly as possible.
- Avoiding routes through any residential areas where possible.
- The nominated route to and from site will be advised in writing to all interested parties particularly the waste lorry plant hire delivery companies.
- The delivery of all materials, plant & equipment will be pre-planned & to designated times of the day to minimise the impact on the local area from the continuous accessing & egressing of the site by vehicles. There will be no deliveries or collections to the site, & the starting of site plant before 8am & after 6pm.
- All goods deliveries will be to a designated area on site where all vehicles will be unloaded, & the materials taken to the appropriate storage area immediately
- Minimising the number of vehicles coming to & from site, all vehicle movements will be controlled by site traffic marshals.
- All such vehicle movements will be under the strict control of appointed Banksmen and this system will be subject to a site speed limit of 5mph.
- The site management will check the use of the designated routes by waste lorries leaving site.
- No delivery vehicles will arrive before or after operational times
- No vehicles will be allowed to park in any of the adjacent roads particularly with engines left ticking over, & there will be no parking within the constraints of the site.

- All waste collection lorries will be undertaken by HDR Enabling & remediation directly with the same drivers to enable them to be familiar with all site requirements & the determined haul routes to their disposal destinations
- All site operatives, subcontractors & visitors will be instructed to attend the site via the easily accessible modes of public transport.
- A designated operative is to carry out the wheel washing of construction vehicles leaving the site (via a hand-held jet wash) to ensure that no mud is to be carried onto the public highway. The effectiveness of the wheel wash facilities will be monitored throughout the construction of the development. This operation will be carried out within the development boundary so that resulting water run-off is suitably controlled. The wheel wash facilities will be repositioned accordingly as the demolition progresses
- If required road sweepers will be used to clean road

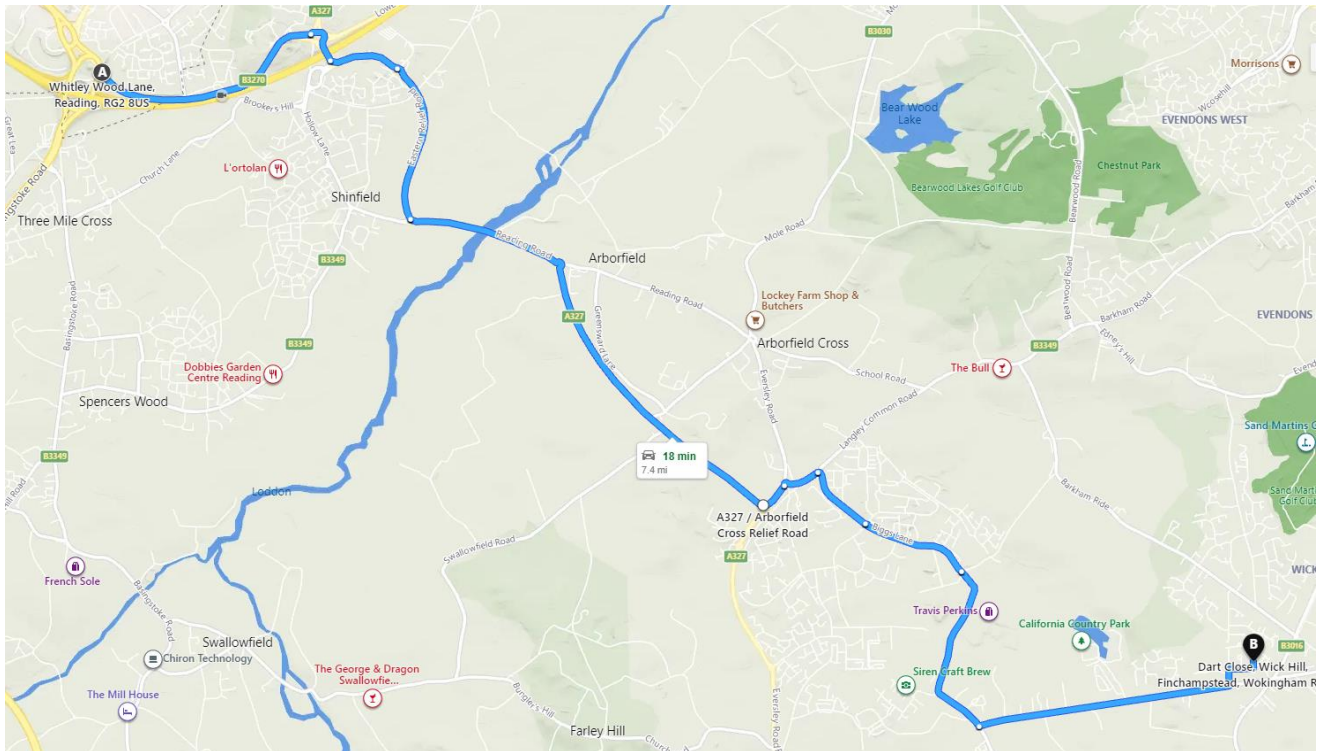
4.2 Proposed Route

The main route of access to site will be via Gorse Ride south and Nine Mile ride.

All vehicles will be escorted onto site by traffic marshals from Billing Avenue in to Orbit close and Whittle close respectively.



It is estimated that there will be 6 waste lorry movements per day on average; including 2 for deliveries.



5.0 Light Pollution

5.1 Visual Intrusions

To ensure the impact of visual intrusion on adjacent areas is controlled the following control measures will be implemented.

- The Company will ensure that the lighting of the site is kept at the minimum luminosity necessary for adequate security & safety. In addition, the lighting shall be located & directed such that it does not cause undue intrusion to adjacent properties.
- When the site is closed, all unnecessary site lighting will be turned off & only adequate security lighting will be maintained.
- The maintenance of all road areas adjacent to the site particularly at the site entrances will be carried out by mechanical & manual means on a daily basis.
- All waste lorries will be required to be maintained by their operatives in a clean & roadworthy condition at all times.

6.0 Noise & Vibration

6.1 Noise Management

Due to the sensitivity of the location, it will be necessary to record noise levels prior to & throughout the project.

A hand-held noise monitor will be placed at the boundary with the most proximate neighbours to ensure target levels are not breached from the chosen method of demolition & associated clearance work.

These handheld-monitors will monitor the effectiveness of the control measures. If the measures are considered unacceptable, then revised methods for the contravening demolition & associated clearance activity will be developed & proposed. Noise levels will be taken on a regular basis using handheld noise monitoring equipment at selected locations around the site where various items of plant are working.

The target noise level for the enabling & remediation at the receptor points is 75 DbLAeq over the 2-hour noisy period. All efforts via best practical means to beat this level will be made.

Background noise readings will be taken before works commence to obtain baseline readings.

Note: - All plant will meet the European stage111B emission criteria – as all plant to be used on this site will not be older than 2007; manufacturers had to comply with European Legislation which prevented anything being constructed that did not comply with Stage 111B from this date. All serial numbers & manufacturer's information will be held on site to demonstrate compliance.

6.2 Noise Control Measures

To ensure the previously described environmental impacts are kept to a minimum the following control measures will be implemented for the duration of the project:

- All demolition & associated clearance works will use 'quiet' hydraulic powered demolition & associated clearance hydraulic pulverising attachments where possible. Works will be sequenced so that works commence from the centre out leaving the perimeter buildings as a natural noise control screen.
- Where the above is not possible; impact hammers will be used (their use will be minimised & be in accordance with voluntary section 60 hours) the use of percussive impact breakers.
- Where possible loading operations will be at times to avoid rush hour periods. All loading operations will be attended by a traffic marshal. Where possible loading will be co-ordinated with local residents & businesses to minimise impact. All lorries will be sheeted prior to leaving the site & will be loaded within the demise of the site.
- Each phased section of the project will be planned to ensure all noisy working requirements are identified along with the timescales, so such information can be advised to all concerned parties. There will be no site working during any anti-social hours, Consideration will be given to all adjoining neighbours & the local community.
- The use of fully serviced plant with fully operational exhaust systems.
- Ensuring all plant engine covers are kept closed at all times.
- All site plant not in use will be shut down & not left idling on site.
- All provided site generator plant will be of the new 'whisper' operational type.
- The shouting out of instructions on site will be strictly forbidden, all site management & supervisors will be issued with site communication radios.
- The playing of radios etc. on site will be strictly forbidden at all times.

- The sounding of vehicle horns on site or in any adjacent street will be strictly forbidden at all times.
- No commercial vehicles will be allowed to park in the adjacent streets waiting for access to the site, particularly with engines left running or 'ticking over'.
- Where possible all site plant will be effectively silenced & located in such areas of the site so as to cause the minimum amount of noise migration to areas beyond the site boundary.
- Maximum noise generation levels will be determined for each major item of plant from such information as supplied by manufacturers or company noise monitoring records. This will enable the potential level of noise generation to be anticipated.
- Where appropriate to minimise noise emissions from within the building work areas all glazing will remain in place for as long as possible.
- There will be no site activities or plant engines started or lorry movements to & from the site made before 8am & not after 6pm.
- All plant deliveries & collections plus all waste management requirements will be coordinated to ensure the noise impact from all such vehicle's movements on the community is kept to a minimum & is within agreed times.

Once the works commence; noise levels will be logged on a daily basis using observation & handheld monitor readings. A report will then be issued presenting the daily results throughout the survey period.

The method of recording noise at the boundary is subject to review with the Wokingham Borough Council.

A precise daily log of each daily enabling & remediation activity will be kept on site for inspection as necessary.

If for any reason an LAeq (2 hour) level exceeds the target by more than 3LAeq OR complaints are received (the exact time and nature of the complaint will be recorded); then the diary will be examined & the site activities which created the contravening noise will be established. From this information HDR Enabling & remediation will look at methods of mitigating / minimising the contravening activity.

6.3 Vibration Management

To ensure the effects of ground vibration are minimised to lessen the impact on the site's local community, materials will be lowered to the ground & loading by use of internal chutes/shafts.

Such vibration level assessments will include:

- Falling enabling & remediation debris (vibration mitigated: - materials will be lowered to the loading areas either by use of internal lifts or via staggered internal chutes).
- Lorries being loaded with enabling & remediation wastes (vibration mitigated by loading by hand from maximum drop 3 metres or bespoke conveyor for hard-core).

6.4 Vibration Control Measures

To ensure these impacts are kept to a minimum, the following control measures will be implemented for the duration of this enabling & remediation project:

- No demolition & associated clearance materials will be allowed to fall from any height which may result in the generation of vibration. Materials will be chuted internally through plastic chutes, as to enclose noise & dust or lowered via hoist / operational lifts.

- All soft strip waste roll on roll off skips will be loaded by hand.

If complaints are received with regard to vibration, then the method of work will be reviewed and adapted to reduce vibration levels.

6.5 Monitoring

6.5.1 Monitoring Management

The process of monitoring the air quality, noise & vibration equipment, & for the collection of that data will be undertaken by the appointed management representative. Copies of the relevant data will be circulated to all interested parties as determined by the Project Management team.

7.0 Liquids Management

To eliminate the risk of any potential ground, water course or drainage contamination from the various liquids which are used on site & from generated effluents the following control measures will be implemented on site.

7.1 Liquids Control Measures

- All diesel fuel for the site plant will be stored on site within double skinned fuel bowsters positioned on plant nappies & located at predetermined points on site for easy access by plant but away from any drainage access point. The refuelling lines will be fitted with automatic shut off devices and unattended refuelling will not be allowed at any time. Lorries and other vehicles normally used on public roads will not be refuelled on site.
- The plant refuelling areas will be on a hardstanding areas & have a quantity of absorbent materials available in case of any diesel spillage, which will be cleaned up immediately.
- Other items requiring storage on site such as hydraulic oils etc. will be in the appropriate storage drums stored in a provided secure container or bunded area located at the appropriate position within the site.
- All site welfare facilities effluent & sewage discharge will be via existing connections to the public drainage system.
- All wastewater from the site welfare facilities shall flow through fixed connections to the appropriate existing drains. At no time, will any effluent be allowed to discharge directly onto the ground.
- All active drainage points within & adjacent to the site will be clearly identified & where necessary a means of water filtration installed around them.
- All wastewater from the on-site asbestos personnel de-contamination units will pass through installed propriety wastewater filters before entering the drainage system.
- At no time, will any dust control water sprays be allowed to generate a flow of run-off water. All such water spray operations will be controlled & managed by appointed site personnel in attendance at all times. Filters will be installed over drain outlets.
- Demolition & associated clearance operations on site that generate water run-off & all other wastewaters will be disposed of in accordance with the requirements of the Environment Agency.
- The company will identify then regularly inspect all on-site drainage systems & those adjacent to the site boundary & will ensure that they are maintained in an efficient state of repair & remain free of contamination & are not providing a potential means of rodent access.
- A specialist waste contractor will be employed to dispose of any hazardous liquid wastes found on site & disposed of in accordance with those regulations.

7.2 Ground Contamination

To minimise the risk of ground contamination on site the following control measures will be implemented which will be actioned by designated site personnel using liquid absorbent materials such as granules & fine sand, which will be stored at a designated double bunded & sealed location on site. All such wastes from clearing a spillage incident will be placed into the appropriate waste container such as an oil drum which will then be removed from site for disposal as Hazardous Waste to facilities licenced for its correct disposal.

To ensure ground contamination is kept at a minimum the following standards will be actioned:

- ❖ All diesel storage & refuelling areas will be on a hard stand which will be covered in absorbent granules & have their own fire points.
- ❖ An area on site will be designated the plant service & maintenance area where it will be covered in absorbent granules.
- ❖ Any liquid escape or spillage such as an oil leak will be cleaned up immediately by the designated site personnel acting as a site spillage team.
- ❖ All standing plant & equipment will have drip trays/plant nappies placed underneath them.

To ensure that ground contamination is kept to an absolute minimum, a plant service & repair area will be allocated on an easily accessible section of hard stand within the lower basement areas large enough to accept all sizes of site plant & visiting maintenance vehicles.

In the event of a significant environmental pollution occurrence, Environment Agency and EHO Wokingham Borough Council will be advised immediately.

8.0 Rodent Infestation & Pest Controls

Apart from the strictly adhering to the protection plans, assessments, recommendations, guidelines & methodologies set out in Arboricultural & Ecological Impact Assessment report documentation (***Appendix VIII of the Ecological Impact Assessment_1Of2-241800a-P5 REVISED & Ecological Impact Assessment_2Of2-241800b-P5 REVISED***) These documents should be referred to in the first instance in respect to all tree & ecological related discussions & decisions that will involve the demolition & clearance operations that are being planned & carried out on site.

Further to the above statement & to minimise the adverse impacts from pests & rodents not stated as having to be protected the following control measures will be implemented on site in the following order.

- ❖ All drainage systems & access points will be kept secure to prevent rodent access.
- ❖ All generated rubbish particularly food waste will be cleared as it is generated & placed into secure containers & removed off site for disposal on a continuous basis.
- ❖ A high level of good housekeeping will be maintained on site & in all facilities.
- ❖ Site rules will be implemented to prevent the feeding of such pests as pigeons & seagulls.
- ❖ All food stuffs brought on site will be within storage containers.
- ❖ Where all other control measures have been actioned then pest control management will be implemented on site.

9.0 Air Quality & Dust

9.1 Air Quality Management

Any emissions of nuisance dust & fine particulates emissions are to be adequately controlled & kept within acceptable limits.

To this end an initial action level is proposed to be set at 150ug/cu.m, & revised periodically, depending on how effective it is. The levels will be continually monitored using visual observations & handheld dust monitors.

The main locations of interest are the neighbouring properties. where concerns about dust levels will be monitored. Any excessive dust levels recorded will trigger a review of works, & implementation of mitigation using best practice procedures.

Therefore, having a potential impact on the local environment, the air quality relating to nuisance dusts & airborne particulates from the enabling & remediation works & operating plant will be continuously monitored for the duration of the project.

The monitoring will measure:

- Dust emissions from the ongoing enabling & remediation processes.
- Vehicle exhaust emissions from the operational enabling & remediation plant.
- Exhaust emissions from vehicles accessing & egressing the site.

9.2 Air Quality Control Measures

To ensure the previously described impacts are minimised the following control measures will be implemented during the enabling & remediation project:

- Those work areas generating dust will be liberally damped down.
- All debris prior to being loaded into waste lorries will be damped down by the controlled use of fine water sprays.
- All waste lorries will be sheeted over prior to leaving site.
- All site plant & waste collection lorries engines will be maintained in a fully serviced condition to ensure there are no smoke emitting exhaust pipes.
- To minimise the emission of exhaust particulates all site plant will operate on Low Sulphur diesel fuel, & all diesel-powered road vehicles & waste lorries will be required to provide confirmation of the use of commercially available Low Sulphur diesel & be fitted with catalytic converters.
- The movement of all commercial vehicles particularly waste lorries to & from the site will be pre-planned to prevent unnecessary vehicle movements.
- All contained refrigerant gases or other hazardous substances having an adverse impact will be removed by a specialist licensed sub-contractor for disposal in accordance with the hazardous waste regulations, at no time will venting to atmosphere of such materials be allowed.
- At no time, will substances or chemicals be used on site which are likely to produce offensive odours.
- At no time, will the burning of any materials be allowed on site.

10.0 Waste Management

10.1 Introduction

All waste management will be carried out in accordance with the company Environmental Management Policy. A site waste management plan will be produced & adhered to. This will be audited internally.

Where any hazardous waste is to be handled for disposal, this shall be carried out in accordance with developed risk assessments, & where a potentially hazardous waste cannot be identified then a waste management company or consultants will be employed to determine what the substance is, the required control measures for handling it, means of transportation and method of disposal.

All generated hazardous wastes will be disposed of in accordance with the Hazardous Waste Regulations (Amended) 2009 & in accordance with Section 34 of the Environmental Protection Act Duty of Care & its required documentation procedures & bearing the site Producer Code, which is issued by The Environment Agency.

As the site will be producing more than 500m³ of hazardous waste & so it will be registered with the Environment Agency & a hazardous waste producer code will be obtained which will be recorded on all hazardous waste consignment notes & documentation.

All Hazardous Wastes will be placed into secure areas & remediated in accordance with the Hazardous Waste Regulations 2009 Duty of Care consignment note procedures, copies of which will be maintained within the project files for future reference.

All non-Hazardous wastes will be placed into waste skips, which will be transported off site. Transfer notes will be issued for each consignment.

The company will implement a recycling and reclaim programme in accordance with its Environmental Management Policy and the Enabling & remediation Industry Protocol where a pre-Enabling & remediation site audit will be undertaken to identify and record all the estimated categories and volumes of materials that potentially can be recycled from the project. Then at the end of the project the actual achieved categories and volumes of materials will be entered, and the Enabling & remediation Recovery Index Efficiency can be calculated for the project.

To ensure the management of all generated wastes is achieved in accordance with the Site Waste Management Plans Regulations 2006 the Client will have developed the proforma Site Waste Management Plan and issued it to this company. Then as Principal Contractor this company will undertake the daily management of the information to be inserted into the plan. This at the end of the project will be copied to the Client. The plan will be managed by a site management representative and by the visiting company SEQA Administrator.

Material	Total Estimated Tonnage	Actual Recovery Tonnage for Recycling(estimated)
Non- Ferrous /Ferrous Scrap	0	TBC
Structural Steelwork	0	TBC
Aluminium / Light iron	360	TBC
Reinforcement	0	TBC
Concrete / Brick	0	TBC
Timber	2800	TBC
Glass	60	TBC
Plasterboard / Rubbish / Soft Strip	1250	TBC
Asbestos Waste	TBC	TBC
TOTAL	4410 Tonnes	TBC Tonnes
Recycling Estimate		TBC%

In addition to the recycling of generated waste materials, additional recycling will be undertaken of the following materials generated from the management of the project: -

- Recycling of site hoarding materials.
- Recycling of all packaging & containers.
- Returning computer cartridges.
- Returning of all pallets to original provider.
- Collecting all wastepaper, aluminium drink cans, glass bottles & plastic containers & placing them into their respective containers for recycling.

10.2 Hazardous Wastes Management

Where any hazardous waste is to be handled for disposal, this shall be carried out in accordance with developed risk assessments, & where a potentially hazardous waste cannot be identified then a waste management company or consultants will be employed to determine what the substance is, the required control measures for handling it, means of transportation & method of disposal

All identified hazardous wastes will be removed and placed into The Environment Agency rate secure and sealed waste bins which will be located within their own area within the lower ground.

Categories of hazardous waste will consist of:

- ❖ Asbestos containing materials.
- ❖ Refractory Ceramic Fibres.
- ❖ Fluorescent light tubes.
- ❖ Waste electronic and electrical equipment.
- ❖ Plaster board with a sulphate content of more than 10%.
- ❖ Waste oils etc

A maximum of 80 cubic metres of Hazardous waste shall be stored on site at any one time.

Any clinical waste or drug related debris will be collected in accordance with company methods & placed into approved containers for transportation to an incinerator point.

10.3 Hazardous Waste Producer Code

The asbestos will be classed as Hazardous Wastes, & as all other such wastes will be disposed of in accordance with the Hazardous Waste Regulations 2005. Therefore, the site will have to be registered with The Environment Agency & a Waste Producer Code obtained.

This code will be required to be placed on all Hazardous waste documentation.

10.4 Non-Hazardous Wastes Management

All non-Hazardous wastes will either be re-used or will be removed & placed into open waste bins which will be located within their own area within a loading area. Such non-hazardous wastes will consist of:

- ❖ General waste materials.
- ❖ Ferrous & non-ferrous materials.

All generated demolition wastes will be sorted for reuse or recycling or disposal & placed into their respective storage bins by mechanical excavators. Once full, waste Lorries from the registered waste hauliers will transport the wastes to a contracted recycling centre or nominated landfill site.

As for all projects undertaken by the company all materials generated for recycling will be collected from the site and taken for processing by to facilities licenced for its correct recycling.

10.5 Waste Hauliers

The following licensed waste removal contractors will be employed for the removal and disposal of the identified category of wastes.

10.6 Non-Hazardous Wastes

Any Non-hazardous wastes will follow hierarchy of control measures as described in 10.4

10.7 Waste Management Documentation

All Hazardous wastes will be disposed of in accordance with the Hazardous Waste Regulations Duty of Care Consignment Note procedures and removed by a licensed hazardous waste removal company for disposal at the appropriate licensed hazardous disposal site.

All non-hazardous wastes will be placed into open waste skips and disposed of off-site at a designated licensed disposal facility. Company waste transfer notes will be issued for each consignment.

The management of all such documentation will be undertaken by the appointed Site Transport Co-ordinator

10.8 Records – Site Waste Management Plans

With the advent of the Site Waste Management Plans Regulations 2008 (6th April 2008), HDR will develop the required Site Waste Management Plan for the demolition & clearance works. Once the Site Waste Management Plan has been developed and the Client has signed the developed plan. HDR Enabling & remediation Limited will take over the management of the Site Waste Management Plan & complete all required information relevant to the demolition & clearance works on a daily basis.

The following headings will be confirmed of what should be recorded in a site management plan as a guide. More information will be in the Site Waste Management Plan prepared by the client.

- ❖ The category & weight of each Hazardous waste removed from site & its disposal destination.
- ❖ The category & weight of each non-hazardous waste removed from site & its destination whether it is for recycling or landfill disposal.
- ❖ The number of waste lorries which have visited site.
- ❖ The amount of delivered diesel fuel and which has been used by the following.
 - Site Excavators.
 - Site Generators.
- ❖ The categories & amounts of site consumables delivered to site such as oils, welfare & PPE.

From these records can be produced such reports as detailing material tonnages being removed against energy usage which will assist the company in developing a strategy for reducing its carbon footprint

10.9 Company Energy & Waste Minimisation

Despite the company having a priority towards reuse and recycling within the Construction Environmental Management Plan it also has a commitment towards energy and waste minimisation achieved by the following: -

10.9.1 Minimisation of Packaging

Achieved by:

- Purchasing in bulk e.g., site gases & diesel fuel. Thus, lessening the need for delivery vehicle movements which gives many benefits.
- Encouraging suppliers to deliver bulk orders on pallets, seal wrapped, & not put into individual boxes.
- Having orders delivered in returnable containers.

- Where the above is not achievable, ensuring all such packaging as cardboard, paper, pallets etc. are recovered for returning or recycling by being placed into the appropriate skips on site. Neighbours will be visited regularly by the project manager & informed verbally & a via bi-weekly progress report of the forthcoming activities. Similarly, they will be asked as to the nature of their weekly diaries to establish any particularly important forthcoming event. The works will then be planned, & a copy issued to each neighbour, as identified within our neighbouring schedule appended to this plan.

11.0 Site Wastewater

11.1 Minimisation of Energy & Water Consumption

The following procedures are included within the Construction Environmental Management Plan & relate to every part of the Project.

- All processes & procedures to be examined to determine where & how energy is being consumed.
- Then looking at setting objectives & targets to reduce energy consumption & produced waste.
- Detailed assessments of the waste being produced & assess how that level can be reduced by continuous improvement in the setting of objectives & targets.
- Keeping detailed records of any raw energy being consumed.
- To train all site staff to be environmentally aware.
- Use of low energy light bulbs.

One of the major adverse impacts for this project will be the use of clean mains water for the management & reduction of airborne nuisance dusts & particulates from the

- ❖ Loading lorries with dust hazard wastes.
- ❖ Controlling dust emissions from any stockpiles of materials.

12.0 SUMMARY

The submission of this (Construction) Demolition Environmental Management Plan is to ensure compliance with the Wokingham Borough Council's guidance notes for Construction activities. Their aim is to ensure the demolition & clearance on site is carried out with due regard to those living & working adjacent to the project, & to those pedestrians & vehicle users passing the site.

All site management, operatives & subcontractors will be advised of the requirements of this Construction Environmental Management Plan as part of their site induction provided by the Site Project Manager & will be required to achieve compliance with its aims & requirements.

Due to the properties not being fully decanted, the demolition will be undertaken in a piecemeal fashion with each block of properties to be demolished separately fenced off as they become empty and available. There will be no main overall hoarding demarcating the site as originally planned due to the whole site not being afforded to HDR. The site compound will be set up on the corner of Orbit Close (Number 1) and will be fenced off using Heras fencing and access afforded to plant and machinery by way of Heras gates.

Blocks are being fenced off as they are available and include vehicle and pedestrian access

Program time - October 2024 to March 2025

“Under point 16 of Condition 8 for this development it states that “Arrangements to maintain a safe, convenient and uninterrupted access (vehicular, pedestrian and bicycle) throughout the construction period for the following properties: “The Gorse Ride Junior School and FBC Centre along Gorse Ride South – RG40 4JJ” This is required for the demolition period as well and nothing has been included in this document stating how the access to these properties is going to be maintained through the demolition period.”

Access to these areas is unaffected by the demolition work and access is available to all residents and users of those areas at all times, it is only the construction phase that will affect the access to these areas.

This company will also maintain regular liaison all relevant authorities & environmental consultative resources available to ensure this Construction Environmental Management Plan remains effective and compliant.

Legally the following will also be adhered to: -

13.0 ENVIRONMENTAL LEGISLATION

The company will undertake the environmental management in accordance with the following environmental management legislation

- ❖ The Control of Pollution Act.
- ❖ The Environmental Protection Act.
- ❖ The Highways Act.
- ❖ The Road Traffic Act.
- ❖ The Control of Asbestos at Regulations 2006.
- ❖ Asbestos Essentials Task document.
- ❖ HSG 189/2 Working with Asbestos Cement.
- ❖ The Hazardous Waste Regulations 2005.
- ❖ The Waste Electrical, Electronic Equipment Regulations.
- ❖ The Control of Pollution (Oil Storage) Regulations 2001.
- ❖ The site Waste Management Plans Regulations 2008.
- ❖ The Provision & Use of Work Equipment Regulations 1999.
- ❖ The control of Noise at Work Regulations 2005.
- ❖ BS 5228 Noise & Vibration Control on Construction & Démolition sites.
- ❖ ASTM E1943 - 98(2015) Code of Practise for Enabling & remediation.

Also, in accordance with: -


- ❖ Wokingham Borough Council's Code of Practice
- ❖ Legislation & Regulations detailed in the Arboricultural & Ecological Impact Assessments **Appendix VIII of the Ecological Impact Assessment_1Of2-241800a-P5 REVISED & Ecological Impact Assessment_2Of2-241800b-P5 REVISED**

14.0 CONTACT DETAILS

The following provides details of the relevant contacts for the project

Name	Contact Number
HDR-Group Head Office	01789 540 080
THE ENVIRONMENT AGENCY	0870 850 6506
Pollution Hotline	0800 80 70 60
Health & Safety Executive	0300 790 6787
Wokingham Police	0118 953 6000

APPENDIX A - PROPOSED NEWSLETTER.




COMMUNITY NEWSLETTER


Wokingham Gourse Ride
2024 - 2025

Dear Neighbour,

Demolition and Asbestos removal at Gorse Ride South, Wokingham




www.hdr-group.co.uk



HDR Group Ltd have begun works on Gorse Ride South Phase 2b, moving forward with our commitment to working with Wokingham Council to create sustainable, vibrant housing for the Wokingham community.

This phase will concentrate on soft strip, asbestos removal, and finally demolition, preparing the site for the next stages of development and paving the way for a revitalised estate that residents can be proud of.

Please diagram below which details our traffic route;



HDR group will set out our operations with the local community in mind & as such our working practices are based around five cornerstones:

- Care about Appearance.
- Respect the Community.
- Protect the Environment.
- Secure everyone's Safety.
- Value our Workforce.

As part of this initiative, we make contact with our neighbours, provide regular updates on the project and ensure that the hoarding is kept clean and tidy.

For further information, please contact the site management on the details provided.

Contact us

For enquiries please contact:
Email: info@hdr-group.co.uk
Landline: 01788 540 080
Website: www.hdr-group.co.uk

www.hdr-group.co.uk



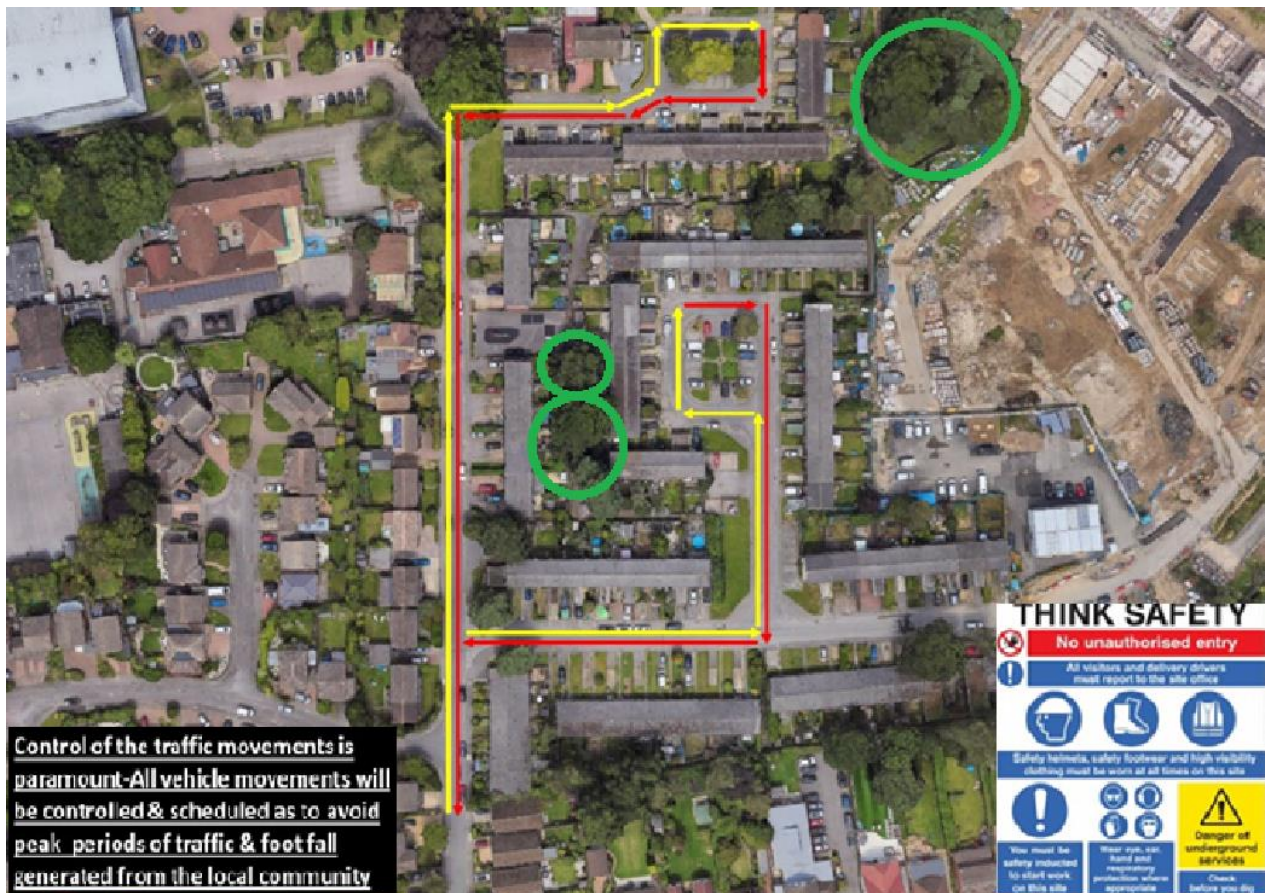
APPENDIX B - SITE RULES

Site Rules

1. All personnel shall be properly and correctly trained for the work on which they are employed.
2. Comply with safe systems of work and refer to risk assessments
3. Personal protective equipment appropriate to the task being carried out shall be worn at all times.
4. No drugs or alcohol shall be allowed on the site, or any person who is considered to be under the influence of drugs or alcohol.
5. Smoking is not permitted within the site
6. All dust, noise and pollution shall be kept to a minimum and all measures are to be taken to prevent any nuisance to residents or adjoining owners arising from the carrying out of the works.
7. Work with or Disturbance of Asbestos
Personnel are not permitted to undertake any work on asbestos products, or asbestos insulation. This work must only be undertaken by licensed asbestos removers (i.e. those who hold a current licence issued by the Health and Safety Executive).
In order to avoid unintentional disturbance of asbestos personnel are required to avoid any actions which would disturb such asbestos. If personnel working on site identify material during the works, which is suspected of containing asbestos, the individual must immediately stop the work and contact the CDM Co-ordinator.
8. No use of explosives.
9. Radios, cassette players, personal stereos or similar are prohibited.
10. Radio transmitters are not permitted.
11. There are restrictions to the use of percussive, hammer action tools or other tools or plant that may cause vibrations to adjacent buildings.
12. Any machinery used must be in good condition, with dangerous parts effectively guarded.
13. No personnel, including visitors, are to have access to the site without fully complying with site access permit requirements. Visitors must be accompanied at all times.
14. There is to be no unauthorised advertising or publicity unless permission has first been obtained in writing from the client.
15. Parking for vehicles is not permitted
16. Any person using abusive language, wolf whistling or similar will be expected to be removed by the Principal Contractor from the site.
17. No fires on site; the Principal Contractor must comply with the Joint Code of Practice Fire Prevention on Construction Sites.
18. Lone working on site is not permitted.

19. All site operatives and personnel, including visitors, shall be aware of the evacuation procedures in the case of an emergency.
20. All communal corridors must be kept clear of plant, tools, materials and rubbish at all times. Corridors or emergency exits must not be obstructed.
21. Mobile phones must not be used on site when working
22. Both visitors and operatives are to wear - Safety boots, hardhat, hi-vi vests, safety glasses and appropriate gloves whilst on site.
23. All meals to be taken in specified areas only.
24. All access and escape routes are to be kept clear at all times
25. All deliveries to be booked in 48 hours in advance with the construction/site manager
26. All unsafe conditions must be reported to the appropriate manager immediately
27. All accidents must be reported to the appropriate manager immediately
28. Dispose of all waste materials in the correct manner.
29. Enter and exit ONLY via main gate and sign in and out.

APPENDIX C - SITE LOGISTIC & TRAFFIC MANAGEMENT PLAN



Green – indicate the tree protection zones.

Yellow – indicate the vehicle route to site.

Red – indicate the vehicle route out of away from site.