DEMOLITION MANAGEMENT PLAN
371 High Street, Harlington, Hayes, UB3 5DQ

Reference: CDL-DMP-1-C-The Elms, Harlington

Submission Date: 10th November 2023

Clifford Devlin

Any amendments or additional parts of revised pages will be marked with highlighting.

Prepared by:	Alex Deysell	Contracts Manager	Clifford Devlin Ltd
Reviewed by:	Liam Hennessy	Head of Group Operations – Director	Clifford Devlin Ltd
Issued to:	Charles Mills	Director	David Watney

ISSUE	REV	DATE	DESCRIPTION OF AMENDMENTS
D1180-DMP-1	A	4th October 2023	First Construction Issue
D1180-DMP-1	B	6th November 2023	Updated to incorporate planning comments.
D1180-DMP-1	C	10th November 2023	Further update to include information about material handling.

CONTENTS

1 INTRODUCTION & SCOPE OF WORKS

The purpose of this **Demolition Management Plan (DMP)** is to provide information relevant to the proposed demolition of structures and hardstanding areas at 371 High Street, Harlington, Hayes, UB3 5DQ covered under Planning.

The Demolition Management Plan provides guidance on delivery of the proposed works in a safe manner, considering current health, safety & environmental legislation.

Scope of Work

- Service disconnections
- Removal of any identified asbestos containing materials prior to demolition works.
- Erection of temporary works as necessary
- Soft strip all structures
- Scaffold erection where required.
- Demolition of structures down to ground slab level
- 100mm yard scrape
- Clearance of debris arising to licensed disposal/ recycling sites.

2 PROJECT PARTICULARS

Project Manager/ CA	Carl Dawson

3 LOCATIONS

Site Address

371 High Street, Harlington, Hayes, UB3 5DQ

Working Hours

Works are to be undertaken between the hours of 08:00-18:00 Monday to Friday

Any other working hours/days will need to be agreed in advance.

4 PROJECT MANAGEMENT

Key Project Contacts

MANAGING DIRECTOR	Tim Clifford	Email: tpc@clifford-devlin.co.uk Tel: 07831 569529
OPERATIONS DIRECTOR	Les Rose	Email: lar@clifford-devlin.co.uk Tel: 07836 554041
HEAD OF OPERATIONS	Liam Hennessy	Email: lh@clifford-devlin.co.uk Tel: 07720 680422
DEMOLITION MANAGER	Alex Deysell	Email: ad@clifford-devlin.co.uk Tel: 07917 895497
DEMOLITION SUPERVISOR	John Dempsey	Email: jd@clifford-devlin.co.uk Tel: 07557 372229
HSQE MANAGER	Ian O'Connor	Email: ioc@clifford-devlin.co.uk Tel: 07880 794381
SENIOR QUANTITY SURVEYOR	Jason Sparrow	Email: js@clifford-devlin.co.uk Tel: 07933 886892
CLIENT PM	Sam Hinkes	Email: sam.hinkes@tridentbc.com

Site Communications

All operational correspondence will be directed via Demolition Manager who will circulate it amongst the other members of the operational team.

Trades/Skills

All demolition operatives and supervisors will have current CCDO certification. All plant operatives will have current CPCS certification. All scaffolders will have current CISRS certification. All other trades will have CSCS, JIB, NIC EIC certs relevant and specific to their level of trades.

Management Systems

Clifford Devlin are full contracting members of both the National Federation of Demolition Contractors (No. 352) and the Asbestos Removal Contractors Association (No. 4034), and we are fully accredited to ISO 9001, ISO 14001, and ISO 45001.

5 HEALTH & SAFETY

Health & Safety Management

We have an integrated H&S management system that is UKAS accredited to ISO 45001, and this will be implemented throughout the term of the contract.

Health & Safety File

The Health and Safety File will be developed in collaboration with our HSQE Manager, Head of Demolition and Project Manager which will remain a live document to be continually reviewed and updated throughout the contract.

Personal Protective Equipment

The following personal protective equipment will be provided as a minimum site requirement:

- Hard hat (EN 397:1995)
- Gloves
- Safety footwear (EN 345-1)
- Hi -Vis Vest or coat (EN 47189 / 686)
- Eye protection (EN170 / EN166)

The following personal protective equipment will be provided as required:

- Flame retardant coveralls (Burner)
- Face masks with appropriate filter
- Hearing protection
- Wet weather clothing
- PPE specific to a specialist task along with the relevant testing and certification

All operatives are to sign the PPE register form to say they have received the relevant PPE and shown how to use it and look after it. Special training required for the use of PPE has been provided.

Emergency Procedures

An emergency evacuation plan will be developed for each site and details of muster points and emergency procedures which will be briefed at the site induction. Fire points with alarms will be positioned at appropriate locations around the site.

First Aid

We will have a suitable number of trained first aiders and a dedicated first aid point within the site office accommodation.

Hazardous Materials

Asbestos

A fully intrusive Refurbishment & Demolition Asbestos Survey has been carried out and asbestos containing materials have been identified. All identified ACM's will be removed before demolition works commence in accordance with site specific Plans of Work and any required notifications to the HSE. We are a fully licensed asbestos removal contractor and will undertake the removal using our own in-house resource from our asbestos division, with waste materials being disposed of at our own licenced waste transfer station.

Fluorescent Tubes

Fluorescent tubes will be removed and stored at our headquarters in Grays, West Thurrock. Our site has Environment Agency exemption to permit the storage and re-handling of a number of materials, to facilitate and increase recycling opportunities. FTs are included within the exemption.

Further inspections will be made on possession of site, and a COSHH Register shall be maintained in the Site Pack together with all individual assessments made. The client or their agent will be requested to make available details of terminations and removals of refrigerants conducted and any materials remaining shall be removed by specialists in accordance with an approved method statement.

Sharps

Extreme caution will be needed prior to any asbestos removal or soft stripping activity taking place. Properties that have been void for any amount of time are often subject to drug taking activity by intruders. In many cases, used needles and other drug taking paraphernalia are left unguarded throughout. Before any work is undertaken in the properties, an inspection will be carried out to identify abandoned needles / sharps. If present, they will be collected by operatives wearing suitable PPE and stored in sharps containers, prior to collection by a registered waste disposal contractor.

Pigeon Waste

Properties that have been decanted are often subject to pigeon infestation and the build-up of guano. The material can be extremely toxic and needs to be disposed of as toxic waste. Prior to commencement of asbestos removal or soft strip works an inspection of the various properties will be carried out and the presence of pigeon waste identified. If present, it will be collected by operatives wearing suitable PPE, bagged, and made ready for removal to a licensed toxic waste disposal facility.

Monitoring Health & Safety

The company Health and Safety Manager will visit site at least one day per week, and a weekly independent site safety audit will be conducted for all activities on site. Copies of the written report will be retained both on site and made available to the contract administrator. In addition, trade sub-contractors (e.g., hoarding contractor) will be encouraged to arrange their own audits specific to their individual activities.

PROJECT SPECIFIC RISK ASSESSMENT

Following approval of this plan, the site-specific risk assessment will be separated as a document that can be reviewed and updated, enabling us to maintain the Construction Phase Plan as an accurate and up to date document.

SEVERITY	*RISK ASSESSMENT MATRIX*						
6 MULTI-FATAL	6	12	18	24	30	36	VERY HIGH RISK
5 FATALITY	5	10	15	20	25	30	
4 MAJOR	4	8	12	16	20	24	HIGH RISK
3 NOTIFIABLE	3	6	9	12	15	18	
2 MINOR	2	4	6	8	10	12	MEDIUM RISK
1 NEGLIGIBLE	1	2	3	4	5	6	LOW RISK
1 VERY RARE					6 ALMOST CERTAIN		
2 REMOTE				5 FREQUENT			
3 OCCASIONAL			4 REGULAR				

VERY HIGH RISK	Intolerable – Do not start work
HIGH RISK	Work can only commence with extensive reassessment of the risk levels and direct supervision
MEDIUM RISK	Tolerable – Reduce where practicable
LOW RISK	Safe Condition

RISK	INITIAL RISK SCORE	CONTROLS SPECIFIC TO PROJECT	ACTION	RESIDUAL RISK SCORE
WORK AT HEIGHT	20	When operatives are required to work from height will be undertaken following the hierarchy of control measures using the safest equipment first. Work at height will be planned using equipment specific to the operations being undertaken and the environment. Equipment will be selected from Independent Scaffold / Mobile Towers and or Podium Steps, which are to be erected by approved and trained operatives. Qualifications will include CISRS and PASMA.	CDL	5
FIRE	18	A fire action plan has been prepared for the site. Any hot works to be carried out will be completed under the strict adherence to CDL Hot Work Permit to work system. Appropriate fire points are to be established in accordance with the site fire action plan and hotel accesses will remain clear. Where fire protection to steelwork is to be removed a full-time fire watcher employed until protection is reinstated. On completion a fire alarm linked into but separate from the hotel fire alarm will be installed.	CDL	6
SITE ELECTRICITY	20	Site supplies during works will be supplied via a dedicated supply with a 110v output.	CDL	5
SERVICES GENERALLY	20	A full site survey will be undertaken by our specialist sub-contractor prior to any works commencing in collaboration with hotel facilities staff. Any retained or live services to be clearly marked and detailed to all site staff via induction process. Areas of site to be confirmed for the strip out works by use of a permit to work.	CDL	5
PUBLIC INTERFACE	18	An acoustic hoarding will be installed out of hours to separate each phase of the works. All access to the site will be via the rear of house site entrance with no interface with the live hotel operations. Loading	CDL	5

		operations will be carefully planned. Full time traffic marshals will be employed to control all traffic movements and bank vehicles on Bryanston Street during loading operations.		
NOISE	16	Works to be undertaken in manner to reflect the sensitive nature of the environment and will be monitored closely and noisy works will be kept to a minimum. Detailed site-specific assessments to be prepared during the works.	CDL	4
HAZARDOUS SUBSTANCES AND TOXIC MATERIALS	16	CoSHH assessments required for: Dusts, MMMF, Zinc Oxide fume. Decanting of redundant air-conditioning (CFCs) to be confirmed. Leptospirosis to be included in site induction as significant risk. Assessment to be further developed, particularly with regard to removal of MMMF insulation materials. A full R&D asbestos survey has been completed; all known ACMs will have been removed prior to the demolition/soft strip works commence. Dust will be controlled by the use of dedicated operatives spraying a fine spray of water whilst soft strip works are in progress and in loading areas.	CDL	4
MANUAL HANDLING	16	The soft stripping of the existing buildings will be substantially labour intensive, to this end site and task specific manual handling assessment will be produced on site as required. Throughout the works operatives will not subject themselves to lifting any weight they are not comfortable with, in any case no repetitive lifting will exceed 25kg. Manual handing assessments to be prepared on site.	CDL	4
SITE SECURITY, PUBLIC INTERFACE	15	A site control plan addressing site security as per the specification security plan, control of all contractors and visitors, interface with hotel security etc. will be developed prior to commencement of contract.	CDL	5
VIBRATION	16	Assessments under 2005 vibration regulations. Monitoring and recording of exposure time to be part of the control regime. We use modern, effective, and optimal hand tools in order to reduce HAVS exposure. All operatives will work within the HAVS guidelines stated within each tools operating manual, their duration and the tools vibration level will be recorded to ensure the operatives do not become over-exposed. An operative rotation system will also be employed	CDL	2
ENVIRONMENTAL CONSIDERATIONS	10	Storage, use and disposal of substances will be controlled by the guidelines set out in our Environmental Aspects and Impacts Assessment. A Project Close Out report will be developed detailing the levels of recycling and re-use of material arising from the works.	CDL	2

6 STATUTORY LICENCES & APPROVALS

The appropriate statutory notifications will be in place prior to the commencement of the works

Any notifiable or NNLW asbestos removal will be planned and submitted to the Health & Safety Executive with the appropriate notice period.

7 PLANNING

During this period, all of the resource requirements together with project planning and notifications, Environmental Management Planning, Construction Management Planning and Construction Health and Safety Plans will be established.

From this, site-specific preparations, including risk assessments method statement preparation, emergency procedures, fire risk assessment etc. will be initiated.

Surveys and Structural Assessment

We will carry out a photographic Schedule of Conditions of the surrounding properties, roads and footpaths and complete the recording of any features of significance.

Services

A pre-commencement survey of all live services will be carried out by others and all incoming services and meter point references will be recorded on a Utility Tracker Spreadsheet (if disconnections not already completed). Applications for permanent disconnections to the relevant Utility Services Provider will be monitored and disconnection works planned and undertaken ahead of the main soft strip works.

Access and Traffic management

We will use the entrance to site via High Street Harlington as our sole means of access and egress.

Loading operations will be undertaken on a wait-&-load basis using 7.5ton cage vehicles and Roll on/off skips which will be carefully managed with the public interface through a traffic marshal.

8 SITE ESTABLISHMENT

Site Security

The site is currently enclosed with a mix of fences and walls there will be a fully designed and independently supported new fence erected to the enclose the open boundaries in accordance with the specification.

During working hours, the site gates will be kept closed unless deliveries or collection are taking place. No unauthorised persons will be allowed within the demolition exclusion zone. Site entrance gates to be maintained in closed position unless deliveries / collections are taking place.

Welfare & Office Accommodation

Office and welfare facilities will be established within the annex accommodation building next door to the bungalow with a dedicated pedestrian access to and from the site entrance and exits that avoid vehicle movements, segregating pedestrians and maintaining health and safety.

Services

Prior to works commencing surveys will be carried out to establish live and isolated services. All live services to be isolated before works commence.

Temporary Services

Temporary 110v electrical supplies and water supplies will be installed for welfare and site works from a suitable metered supply within the site boundary. 10KvA transformers will be installed at strategic points, fed from an MDU, and these will be used to power small 110v tools. Access lighting, emergency lighting and task lighting will be installed to the works area.

Signage and access control

A site notice board will be installed at the site entrance to provide contact details for the site and a copy of newsletters will be displayed to inform residents of current progress. Warning signs at site entrance / exit points and around work perimeters will detail the potential hazards of the area. Works specific signs will be located in prominent positions on the floor whereby appropriate warnings can be clearly read and their instructions complied with. We will maintain signs in good and legible condition throughout the course of the works and liaise with any other contractors working in close proximity.

Induction Training & Site Specifics

Prior to commencement of any work operations, all staff and operatives will receive site / project specific induction training. The induction training will emphasise the policy and objectives of the project, the potential hazards of the site, specific site rules, access / egress routes, fire drill and firefighting procedures, as well as both generic and site-specific risks and control measures. Only experienced labour that can, through current training and reference, demonstrate a suitable level of competence will be employed on the contract.

9 SCAFFOLDING & TEMPORARY WORKS

A fully designed sheeted independent scaffold will be erected to exposed external elevations to the bungalow structure, to encapsulate the structure during the asbestos removal works.

Scaffold design proposals, methodology and calculations will be submitted so that consents can be obtained. The scaffold will have working platforms installed for access.

A Temporary Works Register will be retained on site and contain details of all temporary works designs, drawings and calculations and copies of all permits. We will have a nominated Temporary Works Coordinator to oversee the implementation of the temporary works procedure and a nominated Temporary Works Supervisor who will be responsible for overseeing the correct installation, on-going monitoring and (if applicable) the eventual removal of any temporary works.

10 METHODOLOGY

The following paragraphs are intended to provide an overview of the project giving an outline of the work to be conducted and the systems of work to be adopted. It is subject to review and finalisation of planning. Task specific RAMS documents will be developed for each element of work and be used as the briefing of the safe system of works to operatives, including by specialist sub-contractors.

Sequence of work

The outline sequence of works will include:

- Service disconnections
- Removal of any identified asbestos containing materials prior to demolition works.
- Erection of temporary works as necessary
- Soft strip all structures
- Scaffold erection
- Demolition of structures down to ground slab level
- 100mm yard scrape
- Clearance of debris arising to licensed disposal/ recycling sites.

Enabling works

The initial stages of works allow for the enabling works to be carried out to facilitate the eventual soft strip and structural demolition. The temporary works validations checks will be completed, and all incoming services will be isolated and made safe with temporary installations established.

Designs and calculations for temporary works including hoarding (if required), scaffolding and any propping will be developed and finalised, with proposals submitted for checking and approval. The Site Temporary Works Register will be created with all designs, check certificates and permits and inspection records.

Site Set Up

We will set up welfare on the first day. Which will be located in the annex accommodation building next door to the bungalow.

The site manager will take receipt of the tools and material needed for the early work.

He will induct the staff attending during the early stages, including asbestos removal personnel, the soft strip team, and the scaffold team.

Asbestos Removal

The Licensed asbestos in the R&D survey from Global Environmental dated 20th July 2023 is limited to the bungalow which is out of scope for this demolition phase.

The non-licensed elements represent the bulk of the removal. There are cement roof sheets/ guttering cement products and flash guards within switch box containing asbestos.

Hazardous Materials Surveys and Removal

A survey of all areas will be undertaken to identify any potential hazardous materials within the structure and plan their safe removal and disposal.

Soft Stripping

Once the initial enabling works are complete, the soft strip works will commence which involves the removal of non-structural elements to include all floor coverings; timber fixtures and fittings including doors and door frames. This is principally to avoid mixing organic and inorganic wastes; non-load-bearing partitions (often timber and plasterboard), all electrical installations (cabling and ducting to be recycled), sinks, toilets, and baths etc, ceilings and all cables above, pipework together with radiators, tanks, and the like; MMMF matting from ceilings, ductwork, and partition infill; AC /ventilation ductwork.

A variety of work methods may be used but all are essentially hand demolition techniques, using mattocks, sledgehammers, crow / nail-bars, and the like. Work at height is generally limited to underside of roofs above usually requiring access to less than 4 meters. Access is achieved from small scaffold towers, tagged, and erected by a competent person, or from Podium Steps. Cutting operations are typically with disc cutters and reciprocating saws, operators being trained to use and change abrasive wheels and equipped with goggles and hearing protection.

Waste movement will be by barrows or “wheelie” bins to reduce the manual handling elements. Pipe work and trunking are cut into lengths suitable for both handling and fitting into skips. Debris arising from the soft stripping will be transferred/carted to the designated loading area to the rear building into a restricted zone where the debris will then be loaded by hand or an excavator which will be fitted with a mounted grapple attachment which will then load the materials into waste bins 'wait and load', ‘Rolonof’ skip vehicles and removed from site.

Wastes are generally sorted so that skips can be filled with a single type of material for recycling wherever possible, and in all instances non-hazardous materials will be transferred to a dedicated recycling or waste transfer facility.

Mechanical Demolition

Once all the Asbestos removal, soft strip, temp works installation and hand demolition works have been completed, this will enable us to move onto the mechanical phase of demolition.

Demolition will commence with the shed like single story structures from the main gate of High Street Harlington and will be carried out using a 24-ton excavator fitted with a pulveriser attachment, commencing at the South end of the building, working progressively North through the center of the building on a bay-by-bay basis. As demolition progresses Northwards, the demolition excavator, now located on the footprint of the building will continue demolition in both east and west directions towards the South elevations, leaving the structure self-supporting at all times.

Water suppression during demolition and loading will be using a Moto fog dust suppression machine, water sprays to ensure the maximum efficiency of water consumption.

The material will be reduced in size and have the reinforcement removed during the secondary processing, using a manual muncher attachment. The concrete and masonry will be stockpiled in readiness removal.

Waste Handling

During the ground scrape activity the surface materials will be wetted down using a dust boss atomised sprayer. The material will be scraped evenly to remove the surface debris from fires, which have been lit historically by trespassers. The material will be scraped with a flat bladed ditching bucket and placed directly into a 40 yard skip. Once the skip is full our HGV will collect the skip and take it to the relevant waste handling site.

The Arisings from the asbestos removal will be taken immediately to an open top skip and stacked. The removal of the bonded cement corrugated sheets will involve the removal of the 'J' bolt fixings and intact removal of the sheets to avoid the potential for fibre release. On completion of each skip the skip will be covered and the waste will be taken to a licensed land fill site. During this operation there will be analytical monitoring of the works to verify the efficacy of the control measures.

The demolition arisings will be split into their constituent waste streams and skipped. This ensures maximum recycling potential of the materials to reduce the carbon footprint of the project. Should it be necessary to temporarily store demolition waste on the ground floor slab, the supervisor will evaluate and take any necessary steps to reduce the risk of wind swept dust and debris, using either tarpaulin or dust suppression/mitigation measures.

The areas of contamination are identified in the Soilex site investigation report are specific to the fire damaged building and tresspasser fires to the South East of the site. The proposed methods for material handling will eliminate the risk of cross contamination to the highway.

NOTE – These works do not involve ground penetration.

10 ENVIRONMENT

Clifford Devlin operates an ISO 14001-accredited Environmental Management System (No 156737B) which will provide the discipline and framework for us to manage all environmental aspects of this project. Measures to minimise the impact our work has on the local environment and its consequences for Global Climate Change will be documented into a dedicated Environmental Plan at the outset of the project.

The Environmental Plan will typically document the relevant impacts/aspects and include methodology for: Minimising Pollution (noise, vibration, and dust); and ensuring compliance with the with the Air quality and dust management plan from RPS. Site Waste Management; Traffic management; Material, water, and energy procurement/consumption i.e., carbon management; Ecology & biodiversity; Archaeological issues and Environmental data, targets, and reporting.

Our HSQE Manager is responsible for carrying out any Environmental Impact Assessment, preparing and implementing Environmental Plans.

Pollution Control

Our experience of working in inner-city locations which present the dual challenges of lack of space and the proximity to 'sensitive receptors' such as pedestrians, live offices, traffic, and residents means we have developed sophisticated systems to control emissions of dust, noise and vibration that minimise disturbance and disruption to the local community and ecology. In urban locations we are typically obliged to keep emissions levels close to adjacent buildings within acceptable limits:

Noise not exceeding 75 decibels over a 10-hour time period. We anticipate that noisy work will be highly restricted at certain times and that extensive use of acoustic screens will be necessary.

We always ensure that Vibration should be no more than 25 mm per second peak particle velocity but anticipate that much lower tolerances may be required in certain areas. We have allowed for isolation of retained structures to reduce transmission.

PM10 Airborne Dust particles – less than 100 micrograms per cubic meter. Diesel engine fumes are the main source, so plant will be fitted with catalytic converters.

Where possible we will employ low impact, non-percussive equipment such as -excavators fitted with 'muncher', 'pulversiser' and 'shear' attachments.

These emit far less noise and vibration than more traditional demolition techniques. When severing and removing large concrete structures, such as ground bearing floor slabs and foundations, we can offer diamond drilling or saw cutting options – specialist techniques that emit far less vibration.

Dust will be suppressed by 'damping the works' i.e., applying a water spray to the workface using special air/water blowing machinery that forms a mist minimising the dispersal of air-borne particles. We have introduced this system over the last 5 years. It replaces manual spraying using water hoses and we have calculated that it reduces our water consumption by up to 90%.

Diesel engine fumes also emit PM10 so all our site plant will be fitted with catalytic converters. All of our vehicles are also compliant with the Euro IV particulate levels for entering the London Low Emission Zone.

To verify that we are keeping within the "acceptable limits" will monitor emissions throughout the duration of the project by taking readings using air, noise, and vibration monitoring meters at various points at the perimeter of the site.

Waste

Wastes generated by this project will be managed and recorded using a Site Waste Management Plan (SWMP). Estimators will lead the process during tender, identifying opportunities to salvage demolition materials and minimise waste generation.

We anticipate achieving our average level of waste performance i.e., >95% of wastes were recovered and either re-used or recycled.

Induction training to site will include Environmental issues and will specifically remind staff on the expected levels of recycling and waste control and the standard of segregation required for acceptable disposal.

All vehicles on and off site shall be recorded, measurement made of vehicle weight and copies of all transfer notes collated. When any haulage arrangements are made, copies of the hauler's carriage license and the tips Waste Management License shall be retained on site.

Our progress report (submitted weekly or fortnightly) will contain data for waste movements and is assembled by senior contract managers who shall review the previous week's activity during report compilation. In addition, HSQE inspections will monitor the condition of roads, skips and the contents whilst assessing other site hazards.

We will apply the concept of the "Hierarchy of Waste" to guide and encourage us to reduce the amount of waste materials generated and recover maximum value from the wastes that are produced. Where possible we will try to re-use rather than recycle and recycle rather than send materials for energy recovery or landfill.

Local recycling centers will be used as destinations for segregated wastes taken off-site to reduce transport, fuel, and the project's carbon footprint.

Traffic Management

A Construction Management Plan will be developed for the project which will include proposals for logistics arrangements and vehicular access routes.

All vehicles will be booked in 24hrs prior to arrival on site. All deliveries and collections shall employ the established route at all times. HGV vehicle movements will not be permitted during peak school drop off/pick up times. This will be managed by the site manager through daily liaison with our transport manager.

Drivers will be required to contact the site before arrival and will be met by one of our Traffic Marshals stationed outside the site. Vehicles delivering or collecting materials will be parked & unloaded / loaded within the confines of the loading area and will enter and exit the site in a forward gear. No manoeuvring operations are to be carried out without a vehicle banksman or traffic marshal in attendance.

All drivers receive induction training and will be reminded of their responsibility to the environment of local residents and businesses, in terms of noise, pollution and nuisance.

Wheel washing facilities may be required, and the banksman will be tasked with ensuring that the wheels of any vehicles leaving the site are cleaned and the site entrance and surrounding roads are kept clean at all times.

Banksman and Traffic Marshals will control vehicular access and egress to and from the site. They will be identified by wearing orange hi-vis vests.

Clifford Devlin Predicted Vehicle movements

Vehicle	Peak Daily Figure	
 8- Wheeled Skip/Tipper lorries	3	During the soft strip phase, we will have up to 2 of these a day. During Demolition we will have up to 3 per day
 Transit style vans	3	Transits will be used for smaller deliveries of tools and materials. Up to 3 of these during set up and demobilizing phases.
 Flatbed trucks	1	Used for mid-size deliveries and collections for plant.

Site rules for all drivers

- Handheld mobile phones or site radios will not be used whilst driving.
- Obey all traffic signage and traffic marshals.
- No children, animals (other than security team guard dogs if applicable) or unauthorised passengers are permitted on site.
- Seatbelts are to be worn at all times when driving to and from the site.
- Do not stop on the surrounding roads and only park in designated areas or where instructed to by traffic marshals.
- All drivers must comply with local rules including briefings, access routes, escorts and exit arrangements.
- No manoeuvring operations are to be carried out without a vehicle banksman or traffic marshal in attendance.
- Drivers must wear a safety helmet, high visibility clothing, gloves, eye protection and safety footwear unless in an enclosed cab.
- Drivers needing to take legal rest breaks must do so in the appropriate areas and not on the main local roads.

Environmental Targets

Our site team will retain all records for environmental key performance indicator assessment including vehicle movements, water and fuel consumption and all waste transfer notes and facility licenses.

Ecology & Biodiversity

Any TPO's to the trees will be protected as per the arboriculture specification.

Local Community

Community Liaison

It is the policy of Clifford Devlin Ltd to liaise closely with neighbours and any other interested parties in the local community taking into consideration other construction projects also to ensure that they are aware of the proposed works and to establish points of contact should it be necessary.

This would usually be done by letter dropping the neighbours that might be affected by the works before works commence and advising them of the proposed works, start date, Clifford Devlin Ltd contact details and telephone number, site manager's name and contact details including telephone number and an out of working hours contact telephone number.

NON EXEC CHAIRMAN	Tim Clifford	Email: tpc@clifford-devlin.co.uk Tel: 07831 569529
NON EXEC DIRECTOR	Les Rose	Email: lar@clifford-devlin.co.uk Tel: 07836 554041
GROUP OPS DIRECTOR	Liam Hennessy	Email: lh@clifford-devlin.co.uk Tel: 07720 680422
CONTRACTS MANAGER	Alex Deysell	Email: ad@clifford-devlin.co.uk Tel: 07917 895497
DEMOLITION MANAGER	John Dempsey	Email: jd@clifford-devlin.co.uk Tel: 07557 372229
HSQE MANAGER	Ian O'Connor	Email: ioc@clifford-devlin.co.uk Tel: 07880 794381
SENIOR QUANTITY SURVEYOR	Jason Sparrow	Email: jcs@clifford-devlin.co.uk

		Tel: 07933 886892
CLIENT PM	Sam Hinkes	Email : sam.hinkes@tridentbc.com

Once the project is underway, the above contact details will be provided on the site hoarding at the entry points.