SR4444a
February 2025

CONSTRUCTION METHOD STATEMENT

LIDL BIRSTALL, BANKWOOD WAY, WF17 9TD

prepared for
LIDL GREAT BRITAIN LIMITED

Construction Method Statement
Bankwood Way, Birstall, WF17 9TD

Prepared for
Lidl GB Limited

By Sirius Remediation Ltd

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1. INTRODUCTION

1.1. Purpose of Report

The purpose of this Construction Method Statement (CMS) is to ensure the proposed development off Bankwood Way, Birstall is carried out with minimal disturbance to neighbouring occupiers (in terms of noise, vibration, traffic and dust) and does not detrimentally impact on the environment and the safe operation of surrounding highways.

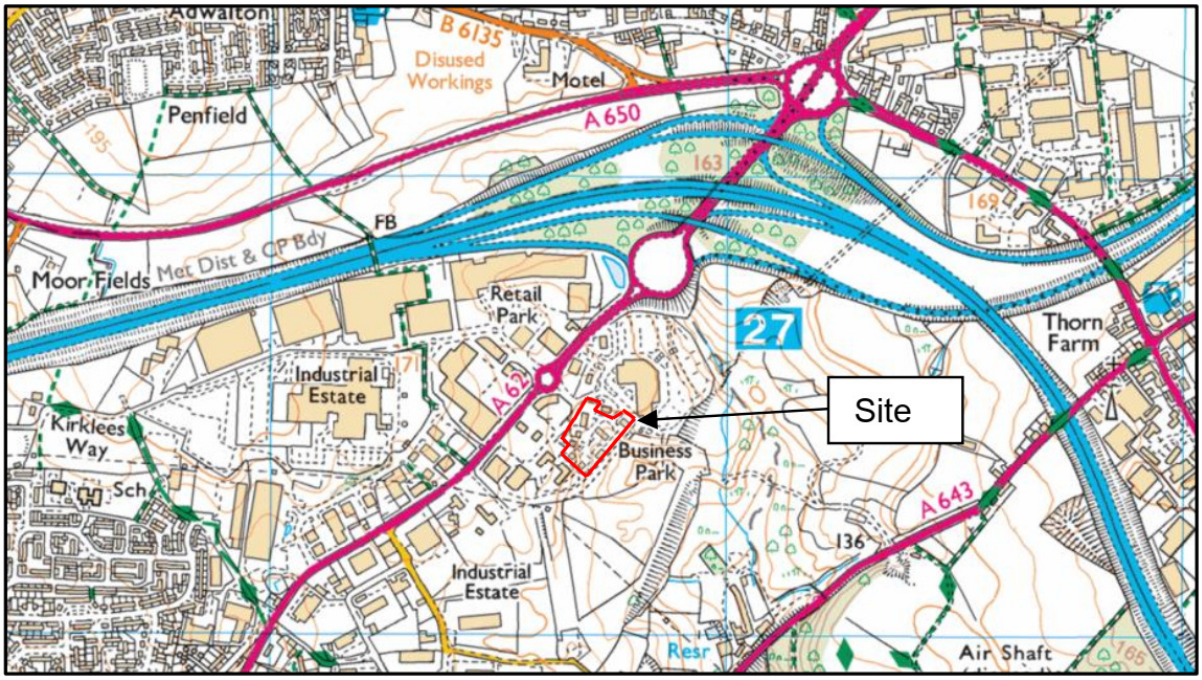
This CMS has been prepared on behalf of Lidl Great Britain Limited to allow the enabling works to commence in accordance with the granted planning permission (planning reference no. 2021/62/92528/E).

SITE ACCESS ARRANGEMENTS

1.2. Site Location and Description

The site is located approximately 500 m southwest of Junction 27 of the M62 motorway. The site forms part of the wider commercial retail park commonly referred to as Birstall Retail Park.

Figure 2.1: Site Location Plan.



The site comprises vacant land covered by demolition crush following the demolition of six former office buildings post 2018. A number of large piles of demolition crush originating from the aforementioned demolition also remain across the site. Temporary metal fencing surrounds the perimeter of the site, and an earth bund comprised of demolition crush runs adjacent

to the northern boundary which inhibits vehicle access. An electrical substation operated by a third party is present centrally within the west.

A culverted watercourse (at an approximate depth of 8mbgl) is present running parallel to the eastern boundary.

The elevation falls gently from 151.9mAOD in the north to 149.1mAOD in the south of the site. The area in the northwest of the site is raised approximately 1m above the remainder of the site.

The surrounding land use is predominantly commercial or retail/leisure, with office buildings bordering to the north and south.

1.3. Site Access

The site is access via an access road which runs south from Bankwood Way, orientated east to west to the north of the site.

The delivery of construction materials, plant and equipment shall be restricted to approved working hours unless in exceptional circumstances.

All suppliers of materials and plant that will transport items to site will have a site location plan and site layout plan sent to them prior to delivery. Please refer to Site Layout Plan in Appendix A.

The site layout plan will detail the route into site. This will be via the southwest entrance to Bankwood way, ensuring that the delivery turns left into site, to reduce the possibility of congestion on Bankwood way at the entrance. When exiting site delivery vehicles will turn left and use the northeast junction of Bankwood way and Gelderd Road.

The site gate will be set back to allow HGVs to park off the road whilst the gate is opened to avoid the possibility of disrupting other road users.

Adequate measures will be taken to prevent damage to the existing roads and pavements and public footpaths and any damage caused will be made good to the satisfaction of the Local Authority.

Suitable signs for the direction and control of traffic into or around the site will be displayed.

For the avoidance of doubt, details of access arrangements to and from the site will be distributed in advance to any suppliers servicing the remediation and enabling works.

Initially all site staff are to be inducted in the site office situated in the site compound. All staff are then to sign-in and sign-out every day using the site register situated in the site office in the site compound. Only after signing-in can operatives go to their respective working areas.

No visitors shall be allowed directly onto site unless they have been appropriately inducted in accordance with the site Health, Safety and Environmental Rules.

1.4. Duration of Enabling Works

The remediation and enabling works are anticipated to take approx. 22 weeks. For more detail please refer to the programme in Appendix B.

1.5. Operational Hours

Noisy construction related activities shall be restricted to 07:30 to 18:30 hours Monday to Friday,

08:00 to 13:00 hours Saturdays only with no construction activities on Sundays and Bank Holidays.

No deliveries Sunday or on Bank Holidays without permission of the Local Planning Authority (LPA) or unless of an exceptional nature.

1.6. Site Security

Security

Security will be provided during non-operational hours at all stages of the remediation and enabling works. This will include either monitored CCTV cameras and/or static guard.

A record of all visitors to the site, together with a Patrol Log will be kept.

Boundaries

The site will be securely fenced prior to the commencement of any site works. The fencing will be a minimum of 1.8m in height and of such a standard so as to deter trespassers onto the site.

Appropriate fencing will be used where possible to screen noisy construction activities from the near noise sensitive receptors and also around dust generating activities and sections of the site boundary in order to minimise dust impacts. All fences/hoardings shall be inspected twice daily by the Contractor and any defects or breaches will be rectified immediately. Site security shall undertake regular inspections of these fences/boundaries outside of working hours.

Security Signage

The site's boundary will be adequately signed with relevant warning signs.

These signs will be inspected on a daily basis and maintained at all times.

A record of signage inspection is to be kept in the site's diary.

1.7. Maintenance

All facilities provided by way of access, site security, traffic management and environmental arrangements shall be maintained in a fully operational manner at all times.

1.8. Weather

Facilities shall be provided at the site access to counter inclement weather. In particular, access/haul roads shall be treated during periods of frost/snow to remove the attendant dangers arising from such conditions.

2. SITE ESTABLISHMENT

2.1. Location of Site Compound

The site compound with carpark will be situated in the northeast corner of the site adjacent to the site entrance. The Enabling Works Contractor and any Sub Contractors will be allocated office, welfare, plant and materials storage space within the site compound. An area of the compound will be demarcated and designated for the safe unloading/loading of plant and materials.

The general location of the site compound/s are shown on Drawing no: SR4444a/SLP/01 (Appendix A).

2.2. Loading And Unloading of Plant and Materials

All loading / unloading is to take place within a designated loading/unloading area within the site compound. Loading and unloading will never be undertaken outside the permitted working hours unless previously agreed upon with the Local Authority.

No on-street loading will be permitted without the prior approval from the Local Authority.

The compound gates will be closed during loading and unloading in the interest of pedestrian safety.

2.3. Construction of Site Compound

The site compound/s will be situated on a flat area surfaced with recycled hardcore.

Being hard surfaced the compound will reduce the potential for the creation of mud and debris and provides a safe walking surface for pedestrians.

Any site accommodation will be well maintained, with space being allocated, as required for the Client and Professional Team. Site accommodation will be designed to allow additional units to be installed/replaced/removed as necessary without compromising the integrity of the compound or the general compound layout.

The compounds will be well maintained and regularly inspected. Any defects or degradation of buildings or structures will be rectified accordingly.

2.4. Drainage of Site Compound/s

The surface of the compound will be constructed using recycled hardcore and so will be permeable and will allow surface water to infiltrate.

The compound will be regularly monitored, and maintenance carried out as required. A record of these inspections and remedial actions will be recorded in the site's diary.

Care will be taken to ensure that adequate spill kits are available for immediate use should any accidental spills occur within the site compound.

2.5. Foul Sewers

There will be no requirement for the compound/s to require a temporary connection to existing foul drainage sewers. The Contractor's site establishment is likely to be self-contained and will incorporate a temporary septic tank of sufficient capacity to accept foul water from the Contractor's site establishment for the duration of the works.

The septic tank will be regularly monitored and emptied, with maintenance being carried out as required. A record of emptying, inspections and remedial actions will be recorded in the site's diary.

2.6. Utilities

All existing site utilities/services will either be demarcated or disconnected and removed prior to the works commencing.

2.7. Materials Storage

General

Wherever possible, a policy of delivering materials direct to their place of use will be adopted. Where this is not possible, or a stock of materials is required, clearly designated storage areas will be established, secured and signed accordingly.

Fuel/Lubricant Storage

A bespoke and secure storage area for fuels and lubricants will be established adjacent to the site compound.

All fuels, lubricants and other potentially harmful liquids shall be stored within this area either in bunded tanks, on drip trays or with residue collection sumps with a minimum capacity of 110% of the contents of the vessel.

Spill kits, drip trays and other emergency equipment shall be maintained on site at all times.

Bunding will be regularly inspected and emptied as required. Inspections and emptying shall be recorded in the site's diary.

Car Parking

A minimum of 15 no. car parking spaces for both site staff and visitors will be provided and clearly marked in the main compound.

All parking will be situated inside the site compound only.

Safe walking routes for pedestrians from the car park to the offices will be adequately marked and signed.

Disabled parking spaces and access to welfare and office facilities will be provided.

3. ON SITE ACCESS

3.1. Vehicle Routes

Temporary haul routes will be constructed as required utilising suitable excavated materials. Consideration will also be given to providing strengthened haul routes in the event that ground conditions deteriorate.

Site haul routes will be maintained and graded so as to reduce the build-up of mud and debris and so as to reduce the potential for dust generation.

3.2. Pedestrian Routes

Safe walking routes will be provided on site for construction staff and visitors to access construction areas, plant, equipment and the like. These routes will be maintained with level surfaces and fencing/barriers and signage as required.

4. SITE MANAGEMENT PROTOCOLS

The site will be operated having due regard for the following issues:

4.1. Waste

A policy of reduce-reuse-recycle will be actively promoted with targets for improvement set throughout the currency of the works.

4.2. Hygiene

High levels of hygiene will be operated on the site. All rubbish will be collected daily for onward recycling/disposal.

Good quality messing facilities/canteen will be provided on site to promote the responsible consumption of food under hygienic conditions. This will also reduce the likelihood of scavengers and pests.

4.3. Smoking

Smoking will be restricted to a designated outside smoking area within each site compound. The site will be operated in full accordance with current legislation.

4.4. Local Liaison

The site will be operated with due respect to the local environs. Working hours will be adhered to and persons employed on the site will be required to deal with any issues raised by third parties in a courteous and responsive manner.

At the beginning of the remedial works Sirius site management will contact neighbouring properties (residential and commercial) to illustrate the enabling works, listen to any potential concerns they have and agree an acceptable working method. Contact details will be shared and communication between all parties will be encouraged.

4.5. Equal Opportunities

The site will operate an equal opportunities policy with regard to any employment opportunities the works may create.

Any such opportunities will be advertised locally to promote the employment of locally sourced personnel.

4.6. Emergency Planning

A comprehensive Emergency Plan will be developed for the planned site activities.

The local emergency services will be contacted prior to works commencing with a view to advising them of site access arrangements and any changes in such arrangements as the works proceed.

5. SCOPE OF WORKS

The Remediation and Enabling works will largely comprise cut and fill earthworks.

5.1. Summary

A summary of the works to be undertaken by the Enabling Works Contractor will comprise the following.

1. Erection of boundary fencing where required and display of warning signs.
2. Compound set-up.
3. Cut/Fill Earthworks Operation
4. Break up and crush concrete hardstanding's across the site.
5. Removal of 2no. redundant substations
6. Location, protection and either removal or diversion of live services.
7. Civil works i.e. sewers, attenuation tank.
8. Bulk Excavation of development areas.
9. Fill development areas using suitable site won material.
10. Treatment of Mineworking's.

5.2. Earthworks

A cut and fill operation will be undertaken in order to achieve desired formation levels within the development area. All plant shall be operated by suitably trained and qualified operators experienced for each item of plant. When not in use all plant and fuel storage facilities shall be locked to prevent unauthorised operation.

The Enabling Works Supervisor will ensure that all relevant permits are issued and briefed to operatives prior to works commencing.

Methods of work in this outline statement are based on current knowledge and may be subject to change once further investigation is carried out on the live site.

Location of Services

Service Drawings will be obtained and known services will be clearly marked on site. The site perimeter will be scanned using a cable avoidance tool operated by a competent individual. Any services located will be clearly marked using line marking paint.

Construct New Compound

The new compound area will be prepared using the tracked dozer, excavator, and Ride on Roller. Site won aggregates will be used to create a firm and level platform for car parking and pedestrian access to welfare facilities and offices.

Erection of Fencing

Heras panels will be erected in accordance with manufacturer's instructions on the site boundary where required.

Delivery of Welfare Facilities

Welfare unit will be delivered to site by a Contractor Operated Lorry Mounted Crane. The Crane and all accessories will be tested in accordance with LOLER Regulations, and the operator of the Crane will be competent to do so. Where working at height is unavoidable the crane operator will wear a suitable Harness and Inertia Reel. An exclusion zone will be implemented around the crane, the only person permitted in the exclusion zone during the lift will be the site manager and crane operator. Outriggers will be extended, and road plates will be used as required to spread the load.

Existing Landscaping and Vegetation

The relatively small amount of vegetation on site shall be removed prior to earthworks commencing.

Bulk Earthworks

Turnover Made Ground

A tracked excavator will turn over made ground in accordance with the remediation strategy.

Oversized material will be removed from the turnover and transported to the material processing area for processing. Suitable fill will be pushed out in layers using the tracked dozer or excavator and compacted using the articulated vibratory roller. This process will be repeated using a box cut method to avoid rehandling or moving materials unnecessarily.

Processing Oversized Material

Permits and notifications for the use of mobile crushing plant must be in place prior to mobilisation of crushing plant to site.

A copy of the pollution prevention control (PPC) permit that accompanies the crushing plant will be stored in the site office.

Concrete and masonry are to be crushed to site specification grading for future re-use on site the crushed product will be tested in accordance with the requirements of the Sirius Earthworks Specification.

Crushing plant will be established in areas of the site least likely to cause nuisance to surrounding properties/highways.

The crushing equipment to be utilised shall fully comply with the health and safety executive requirements and the machinery directive.

A 360º excavator will feed the crushing plant. Oversize material will be sized in the jaw crusher to generate a crushed product to the requirements of the specification. Remaining reinforcement will be removed from the discharge conveyor by an over-band magnet discharging into a skip unit.

The crushed product will be by a rubber tyred loading shovel to areas of the site that require filling to development plateau levels. Where the stocking area is some distance away, an articulated dump truck will be loaded by the shovel and the truck will haul and tip as instructed.

Control measures will be in place to ensure there are no dust / odour / noise nuisance impacts.

No attempts shall be made to defeat any safety device.

No guard shall be removed from any part of the crusher or screen unit whilst the system is in operation.

During normal operation, the crusher operator will periodically check that: -

(i) there is no undue vibration of the crusher

(ii) there are no signs of overheating

(iii) the crusher is working correctly

(iv) The emergency stop is operational

(v) A daily log of such checks will be maintained by the operator.

No attempts shall be made to remove any obstruction from the lump breaker unless the power to the infeed unit, the discharge conveyor and the crusher has been isolated and locked off.

The crusher operative will wear appropriate PPE, as specified in the risk assessment for crushing.

All maintenance work to the crusher or screen unit other than routine lubrication via properly designed external connections will be undertaken under lock-off conditions, i.e. the person undertaking the work will close down and remove from the unit the isolator key. A sign stating, 'maintenance working operation' will be hung in a prominent position adjacent to the key location. The isolator key will be carried by the maintenance engineer or crusher operator whichever is undertaking the work until the task is complete.

The crusher operator will have access to a 110v or battery powered angle grinder to remove any tangled wire from the magnet. Whilst operating the angle grinder the operator will wear en166b goggles and ear defenders.

Cut & Fill Earthworks

Excavators and dozers fitted with GPS will cut and fill the development plateau to achieve desired formation levels. Where filling is required, suitable material will be loaded into dump trucks using the tracked excavator and transported to the low areas of the site. Once discharged the material will be spread using a tracked dozer and compacted in accordance with the earthworks specification using an articulated ride on roller. A final trim of the development area will be carried out using the dozer and excavator.

5.3. Treatment of Mineworking's (Drill & Grout)

Drilling and grouting is required at the site in order to stabilise the shallow mineworkings which lie within influencing distance of the surface. This work is another essential part of the remediation process which will allow development to proceed.

The process of stabilising shallow mineworkings by drilling and grouting is in essence a simple one, namely filling any voids and \ or collapsed ground associated with the mining process to prevent any voids left by extraction of the mineral gradually migrating to the surface and forming a crown hole. Access to the subsurface workings is gained by drilling boreholes at closely spaced centres to the base of the mineworkings. A cementitious grout is then injected directly into mineworkings and any overlying broken or collapsed ground in an attempt to substantially fill any voids

Boreholes are drilled by rotary or rotary percussive drill rigs, using air, air mist or water flush depending on the site specific permitting requirements of the Coal Authority. Typically anything between two to four rigs would be utilised during the works.

The grouting operation utilises bulk tipped Pulverised Fuel Ash (PFA) combined with bagged cement and water mixed in a rotary paddle mixture. The PFA is loaded into the mixer by loading shovel, the bagged cement is loaded by hand and the water is fed directly into the mixer where the rotary action mixes and agitates the materials until the required consistency is achieved to form a pumpable liquid grout. This is pumped by diaphragm pump directly into the boreholes and the operation continues until the borehole is full and grout appears at the surface.

The drill and grouting contractor shall allow for the provision of appropriate dust suppression for those holes that are to be drilled near sensitive receptors (e.g. nearby houses, highways, active commercial properties, car parks and public footpaths).

6. ENVIRONMENTAL

The Enabling Works Contractor employed on the scheme will be required to have an Environmental Policy, have achieved ISO14001 Accreditation and be familiar with and operate in full compliance with the Construction Environmental Management Plan for the site.

6.1. Daily Environmental Record

This construction project has the potential to give rise to environmental impacts should it not be planned, carried out and managed in a responsible and diligent way.

The site management team, including a full-time Environmental Representative will maintain a Daily Environmental Record (DER) of site conditions, including "nuisance" issues, which will be used to control and implement the works as required.

The main environmental issues are set out in the Construction Environmental Management Plan. Additional issues have been identified and are set out below.

6.2. Dust

Appropriate measures shall be implemented at all times during the remediation works, to minimise any dust emissions. During all operations, the risk of dust release will be continually assessed, and appropriate mitigation measures will be put in place. This is typically a bowser with hose attachment to wet down and suppress dust, although other alternative techniques may be considered, as necessary.

Any haul roads shall where practical to do so, be constructed of crushed hardcore products. These haul roads shall be maintained for the duration of their use to minimise any build-up of mud, loose spoil etc. Mobile water bowsers and sprayers shall be made available to dampen unpaved haul roads and working areas. An adequate supply of clean water shall be maintained on site at all times to allow dust suppression activities to be carried out at short notice.

Traffic both entering and working on the site shall obey a maximum speed limit of 10 mph.

Regular inspections of the public highway adjacent to the site entrance shall be carried out by the Contractor. If deemed necessary, the highway shall be swept regularly to remove any mud, slurry or dust deposited by vehicles entering or departing the site. If the Contractor considers that significant amounts of

any detritus have been deposited on the public highway then operations shall be temporarily suspended until appropriate cleaning operations (i.e. a wheel wash or pressure washer will be used to cleanse vehicle wheels before leaving site) have been undertaken.

Any wagons that are to be used for the haulage of potentially contaminated material from the site shall be sheeted to prevent the release of fugitive dust.

During Drilling and Grouting

In order to mitigate the issue of fugitive dust associated with the grouting operation, the grouting compound and associated grouting infrastructure will be positioned to take into account the prevailing winds at the site along with any natural barriers that may help reduce dust migration.

A dedicated tipping area will be formed utilising HERAS type solid panel fencing – this will help reduce any dust that may be generated during the tipping of the conditioned PFA. As and when required during the grouting operation, further dust suppression measures will be introduced including dampening the PFA stockpile when operating and sheeting the stockpile during non-working hours.

The grout mixer will be located within a second fenced off area within the grouting compound to mitigate against the issue of dust migration during loading. Furthermore, a dust shroud will, if necessary, be attached to the hopper of the mixer in an effort to further reduce dust propagation during grout mixing.

6.3. Odour

In general terms the excavation works are not considered likely to give rise to any significant odour problems.

Whilst considered unlikely, if highly odorous materials are encountered which may give rise to nuisance to neighbouring properties, odour control measures can be considered at that time and an appropriate method statement supplied by the Contractor.

Any odorous materials shall be covered at the end of each working day and any stockpiles will be located away from any residential properties. This shall be continually assessed through the programmed works.

6.4. Noise

The potential for adverse noise and vibration effects to arise during demolition and construction of the Site could be minimised through the implementation of the following mitigation measures: -

- Employing and correctly operating only modern, relatively quiet and well maintained equipment (all equipment must comply with Part 1, Section 5 of British Standard 5228: 1994 Noise Control on Construction and Open Sites (As amended);

- Using low impact techniques, such as bored piling instead of percussive piling or munchers instead of breakers , wherever practicable;
- Using electrical equipment in preference to combustion-powered alternatives, wherever practicable;
- Careful material handling, such as lowering rather than dropping items; and
- Avoidance of unnecessary noise (such as engines idling between operations, shouting, loud radios or excessive revving of engines) by effective site management.

Maximising the distance between noise and vibration producing equipment/works and sensitive receptors would result in reduced adverse effects. This would be achieved by;

- Erecting impervious hoardings, of a least 5kg/m2 surface density and of at least 2.4m in height to reduce demolition noise and vibration comparable with the existing ambient levels;
- Siting stationary plant and loading /unloading areas away from sensitive receptors;
- Use of existing non-sensitive structures to shield sensitive receptors from noisy works; and
- Use of temporary structures, the site geometry or earth mounds to shield sensitive receptors from noisy works.

Heavy vehicles travelling to and from Site would do so only on routes agreed with the BCBC as being most suitable in terms of minimising potential disturbance.

In addition to the physical considerations summarised above, an effective neighbourhood liaison scheme would be implemented to minimise the effects of noise and vibration.

6.5. Materials Management Plan (MMP)

The enabling works phase includes significant cut and fill to make the site safe and also create development platforms on which the buildings are to be constructed.

Site won cut material earmarked for re-use on site as part of the enabling works will be done so under the provisions of the CL:AIRE Definition of Waste: Industry Code of Practice Version 2 (CL:AIRE, 2011) provided that they have a certainty of use and the material it is chemically and geotechnically suitable for that intended use.

A Materials Management Plan (MMP) will be produced to cover all aspects of dealing with the retention of any site-won soil materials on site, this will be approved/declared by CL:AIRE.

The MMP must be in place before the relevant works commence. Documents supporting the MMP must contain details of the materials to be excavated during the works, and an assessment of the suitability of this material for its proposed use in terms of both its geotechnical and chemical properties. Appropriate health and safety risk assessments and method statements will also be required for the execution of the works themselves.

6.6. Potential for Previously Unidentified Contamination

There is the possibility that as yet undiscovered sources of contamination may be present which will require remediation. It is therefore considered that the following actions should be undertaken during site reclamation and preparatory works.

A watching brief should be carried out during the enabling works, with particular attention to;

- Evidence of asbestos containing materials.
- Visual or olfactory evidence of hydrocarbons.
- Made ground differing significantly in nature from that previously identified during the site investigation works.

If previously unidentified contamination is encountered during any of the proposed works by any site personnel, the Geoenvironmental Engineer (GE) shall be notified immediately and works in the vicinity of the suspected contamination should be temporarily suspended. Additional laboratory analysis of previously unidentified contamination sources will be required in order to determine the requirements for remediation, assessed against appropriate assessment criteria.

If deemed appropriate the GE shall request additional and/or supplementary chemical testing as they advise, dependant on the nature of any materials encountered on site during the course of the remediation works.

The analytical testing will be undertaken on a five-day turnaround and shall be forwarded to the GE as they become available. The results shall be compared with the threshold guideline values given in Remediation Strategy. Should any analyte exceed the concentrations shown, then the GE will advise upon further works required.

6.7. Litter, Pests and Scavengers

The site will be maintained in a clean, litter-free condition throughout the works.

Measures will be put in place to control pests or scavengers should they be noted during site inspections.

6.8. Regulatory Approvals and Consents

All works should be undertaken in full Regulatory compliance at all times.

This will include compliance with the following (non-exhaustive) approvals/requirements:

- Discharge Consent/s;
- Mobile Treatment Licence Deployment for Soil/Water Treatment, as necessary;
- Remediation Strategy formulation, approval and validation of remedial works;
- Waste Management Licensing Exemption/s for deposition of materials and other applicable activities;
- Approved Materials Management Plan
- HSE Asbestos notifications;
- Wayleave/Easement Orders.

A close working relationship will be promoted at all times with Bridgend County Borough Council's Contaminated Land Team and with the Environment Agency.

Site visits by Regulators will be encouraged.

Any concerns raised by the Regulators will immediately be investigated and addressed and any corrective actions will be implemented without delay.

6.9. Waste

Wherever possible, a principle of reduce-reuse-recycle will be adopted. This will be particularly appropriate with respect to the portions of the site containing waste and potentially contaminated materials.

An accurate record shall be maintained detailing all waste disposed from site i.e., waste types, quantity and disposal route.

The site will be operated in full compliance with the Environmental Protection Act 1990, the Environmental Protection (Duty of Care) Regulations 1991, all other relevant legislative requirements.

6.10. Sustainability

The project will be undertaken with a demonstrably high regard to sustainability.

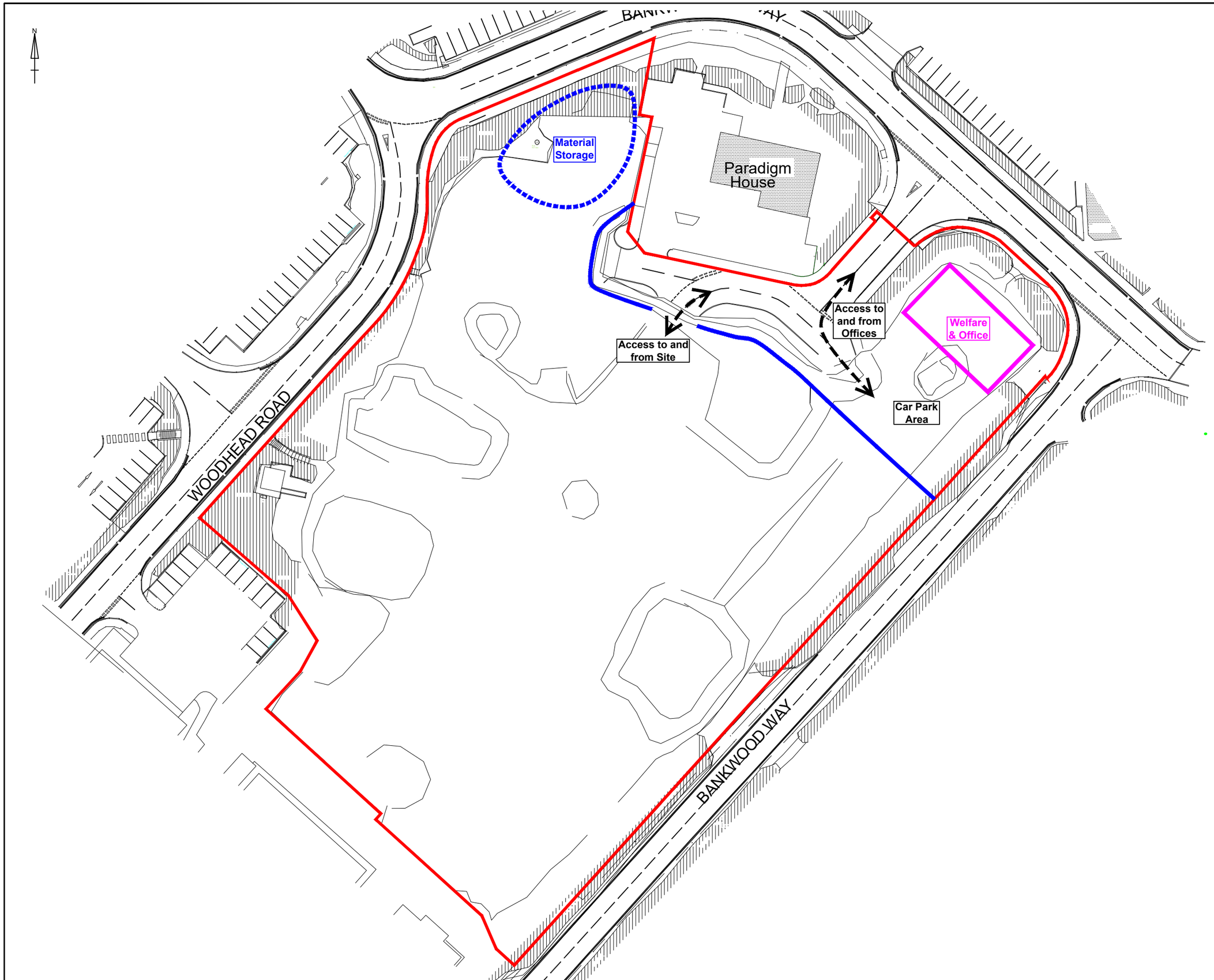
In particular the following objectives will be set in place.

- Minimisation of vehicle movements to/from the site; Sufficient studies have been carried out on the ground conditions to understand the chemical and geotechnical suitability of the materials on site and are therefore confident the majority of materials can be retained on site therefore minimising vehicle movements.
- Promotion of shared transport arrangements for site operatives;
- Use of modern plant with fuel efficient engines;
- Thorough pre-planning of operations on site to optimise the redistribution of earthworks materials together with minimisation of haul distances;
- Provide high quality low gradient haul routes to optimise the operational efficiency of haulage plant;
- Reduce the amount of aggregates usage on site by means of alternative constructional techniques;
- Implement well planned traffic management techniques to enable traffic flows to be maintained without queuing;
- Apply a reduce-reuse-recycle philosophy to all waste processing activities.

Appendices

Appendix A – Drawings

Site Layout Plan
Drawing no. SR4990/SLP/01



NOTES

Site Boundary

Background layout taken from Smalley Marsey Rispin Architects drawing 'Existing Site Plan, Drawing no. 7404-SMR-00-ZZ-DR-A-2002-A3, Revision C1 and dated 11-06-21

REVISION		BY	DATE
0	For Information	SM	20/02/25
A	>>	>>	>>
B	>>	>>	>>
C	>>	>>	>>
D	>>	>>	>>

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CLIENT

Lidl GB Limited

SITE

**Bankwood Way,
Birstall,
Batley**

DRAWING TITLE

Site Layout Plan

DRAWING NO.	REVISION NO.
SR4444A/SLP/01	0
DRAWN BY: SM	APPROVED BY: EH
DATE: February 2025	SCALE: NTS / PAPER SIZE: A3

Appendix B – Enabling Works Programme

SR4444B/T1160 - Lidl, Birstall - Enabling Works

ID	Task Name	Duration	Start	Finish	Predecesso
1					
2	**Pre-Mobilisation**				
3	Implementation of bonds	30 days	Mon 22/07/2	Fri 30/08/24	
4	Appointment & Review of Structural Design	30 days	Mon 22/07/24	Fri 30/08/24	
5	Production of Health & Safety Pack	30 days	Mon 22/07/2	Fri 30/08/24	
6					
7	**Mobilisation**				
8	Installation of temporary compound	2 days	Mon 02/09/2	Tue 03/09/24	
9	Welfare / Security	110 days	Mon 02/09/2	Fri 14/02/25	
10	Demolibsation	4 days	Tue 11/02/2	Fri 14/02/25	22
11					
12	**Earthworks / Remediation**	41 days	Wed 04/09/2	Fri 14/02/25	
13	Demolition of existing Substation	1 day	Wed 04/09/2	Wed 04/09/2	8
14	Site clearance	5 days	Wed 04/09/2	Tue 10/09/24	8
15	Excavate to formation incl. necessary turnover	15 days	Wed 11/09/24	Tue 01/10/24	14
16	Removal of existing obstructions	10 days	Wed 18/09/2	Tue 01/10/24	
17	Process excavated arisings	10 days	Wed 18/09/2	Tue 01/10/24	
18	Crush hard material on site	5 days	Wed 02/10/2	Tue 08/10/24	15
19	Fill to formation level	10 days	Wed 25/09/2	Tue 08/10/24	
20	Installation of 450mm thick capping layer	10 days	Wed 02/10/24	Tue 15/10/24	
21	CBR testing upon completion	1 day	Wed 16/10/2	Wed 16/10/2	20
22	Return Earthworks to finalise Fill & Capping upon Retaining wall to Lidl Store Completion	10 days	Tue 28/01/25	Mon 10/02/25	66
23					
24	**CMC / BMC Ground Improvement**	25 days	Wed 16/10/2	Tue 19/11/24	20
25	Mobilisation	1 day	Wed 16/10/2	Wed 16/10/2	
26	Attendance Works	25 days	Wed 16/10/2	Tue 19/11/24	
27	Design & Execution documents	1 day	Wed 16/10/2	Wed 16/10/2	
28	CMC to Retaining Wall	2 days	Thu 17/10/2	Fri 18/10/24	27
29	CMC to Lidl Store	6 days	Mon 21/10/2	Mon 28/10/2	28
30	CMC to Retail Unit	6 days	Tue 29/10/2	Tue 05/11/24	29
31	CMC to Garden Centre	2 days	Wed 06/11/2	Thu 07/11/24	30
32	CMC to Concrete Yard	5 days	Fri 08/11/24	Thu 14/11/24	31
33	BMC to Car Park	2 days	Fri 15/11/24	Mon 18/11/2	32
34	Testing	1 day	Tue 19/11/2	Tue 19/11/24	33
35	Demobilisation	1 day	Tue 19/11/2	Tue 19/11/24	33
36					
37	**Drilling & Grouting**	15 days	Wed 18/09/2	Tue 08/10/24	
38	Mobilisation	1 day	Wed 18/09/2	Wed 18/09/2	
39	D&G to Retail Unit	8 days	Thu 19/09/2	Mon 30/09/2	38
40	D&G to Car Park	5 days	Tue 01/10/2	Mon 07/10/2	39
41	Demobilisation	1 day	Tue 08/10/2	Tue 08/10/24	40
42					
43	**Civil Engineering**	59 days	Wed 09/10/2	Mon 13/01/2	
44	Foul Tie-in	2 days	Wed 09/10/2	Thu 10/10/24	41
45	Foul Drainage	6 days	Fri 11/10/24	Fri 18/10/24	44
46	Foul Manholes	3 days	Mon 21/10/2	Wed 23/10/2	45
47	Benching and setting ironwork to Foul Manholes	2 days	Thu 24/10/24	Fri 25/10/24	46
48	CCTV Survey	1 day	Mon 28/10/2	Mon 28/10/2	47
49	Storm Tie-in	3 days	Tue 29/10/2	Thu 31/10/24	48
50	450mm Drainage	3 days	Fri 01/11/24	Tue 05/11/24	49
51	375mm Drainage	2 days	Wed 06/11/2	Thu 07/11/24	50
52	300mm Drainage	5 days	Fri 08/11/24	Thu 14/11/24	51
53	Storm Manholes	7 days	Fri 15/11/24	Mon 25/11/2	52
54	Hydrobrake	1 day	Tue 26/11/2	Tue 26/11/24	53
55	Petrol Interceptor	3 days	Wed 27/11/2	Fri 29/11/24	54
56	Benching and setting ironwork to Storm Manholes	2 days	Mon 02/12/24	Tue 03/12/24	55
57	CCTV Survey	1 day	Wed 04/12/2	Wed 04/12/2	56
58	Attenuation Tank: Preparatory works	3 days	Thu 05/12/2	Mon 09/12/2	57
59	Attenuation Tank: Supply & Install	5 days	Tue 10/12/2	Mon 16/12/2	58
60	Attenuation Tank: Backfill	3 days	Tue 17/12/2	Thu 19/12/2	59
61	Attenuation Tank: Finalisation / Setting iron work	2 days	Fri 20/12/24	Mon 06/01/25	60
62	Substation 1	10 days	Wed 16/10/2	Tue 29/10/2	20
63	Substation 2	10 days	Wed 30/10/2	Tue 12/11/2	62
64	R Wall: Lidl Store - Preparatory Works	10 days	Tue 29/10/2	Mon 11/11/2	29
65	R Wall: Lidl Store - Form/Install base	20 days	Tue 12/11/2	Mon 09/12/2	64
66	R Wall: Lidl Store - Form/Install Walls	25 days	Tue 10/12/2	Mon 27/01/2	65
67	R Wall: Retail Unit - Preparatory Work	5 days	Tue 12/11/2	Mon 18/11/2	64
68	R Wall: Retail Unit: Supply/Install Gabion Wall	15 days	Tue 19/11/24	Mon 09/12/24	67