



CONSTRUCTION PHASE PLAN

This Construction Phase Plan contained has been developed for the project as required under Regulation 12(1) of Construction (Design and Management) Regulations 2015

Project Name: Levenshulme Service Station

Site Address: Stockport Road
Cringle Road
Manchester
M19 2RE

Prepared By: Alan Anderson – Broham Forecourts Health and Safety Manager

Date Prepared: June 2022

Version: Original

Project Revision Sheet

Revision	Issue Date	Changes	Author	Checked by
Tender	June 2022	-	Alan Anderson	Alan Anderson
Tender 1	August 2022	Working Hours Amendment request from PD	Alan Anderson	Alan Anderson

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1. Introduction

This Construction Phase Plan has been prepared as required under the Construction (Design and Management) Regulations (CDM Regulations). The Plan contains the arrangements that will be implemented to ensure the safe execution of the works in compliance with the CDM Regulations.

This is a live document and will be maintained, reviewed and updated by the project team as required.

2. Details of Works

Item		Description
2.1. Project	2.1.1. Description of proposed works	The Proposal includes the Revision of Eight High speed Electric Vehicle charging spaces positioned in a row formation under a Canopy with the installation of a new A/W and Vac Unit.
	2.1.2. Site Location	
2.2. Programme	2.2.1. Start Date	TBC
	2.2.2. Duration (in weeks)	TBC
2.3. Proposed use of building(s)/structure(s) on completion	2.3.1. Details	Petrol station with pumps and EV Charge points with attached shop.
	2.3.2 Workplace	Yes

3. Health and Safety Aims

3.1 Application of CDM 2015 Regulations	3.1.1. Nature of the Client	Non-Domestic	
	3.1.2. Legal duties to be complied with (Non Domestic Client) (delete as applicable)	Client:	Applicable
		Principal Designer:	Applicable
		Designer(s):	Applicable
		Principal Contractor	Applicable
3.1. Company H&S Objectives/Standards	Broham Forecourts aims to achieve the following objectives/standards while carrying out the construction work for this project.		
	Prevent accidents and ill health to our staff, client, (sub)-contractors, third parties and members of the public.		

	▪ Achieve all works are carried out in accordance with all relevant legislation, guidance and Codes of Practice. ▪ Provide a place of work that is safe and without risk to health, safety and welfare to all those involved in the project and third parties. ▪ Consult and communicate to all those involved in the project and listen to given feedback.
3.2 Project Specific Objectives/Standards	▪ No RIDDOR reportable accidents or incidents ▪ Keep possible disturbance to the Client, local residents, businesses and general public to absolute minimum.
3.3 Statutory Notices	Due to this project's classification as non domestic under the Construction (Design & Management) Regulations 2015, Broham Forecourts will obtain the F10 notification from the Client, (if applicable). The Contract/Site Manager will arrange for a copy of the following to be posted on site notice boards: ▪ F10 notification to HSE ▪ Health and Safety Law Poster ▪ Employers Liability Insurance Certificate ▪ Fire/Emergency Procedure Site Plans ▪ First Aid Notice ▪ Site Rules
3.4 Location of Existing Records	All relevant reports, surveys and documentation will be kept available on site, communicated to all site users as part of site induction. These reports will be made available and accessible throughout the duration of the project. The existing applicable reports available on site are; ▪ Pre-Construction Information provided by MBH on behalf of the Client MFG ▪ Health and Safety File

4. Project Directory

Client	Name:	Motor Fuel Group
	Contact Name:	-
	Address:	Gladstone Place 36-38 Upper Marlborough Road St Albans AL1 3UU
	Telephone:	01727 898890
	Mobile:	-
	Email:	-
Principal Contractor	Name:	Broham Forecourts
	Contact Name:	Mr Mark Hughes
	Address:	Brooms Barn, Little Tey Road, Feering, Colchester, Essex CO5 9RS
	Telephone:	01206 210455
	Mobile:	-

	Email:	Forecourts@broham.co.uk
Principal Designer	Name:	MBH
	Contact Name:	Mr Jonny Richardson
	Address:	Rosemount House, Rosemount Avenue, West Byfleet, Surrey, KT14 6LB
	Telephone:	
	Mobile:	-
	Email:	jonny@mbhltd.com
Petroleum Officer	Name:	Greater Manchester Fire & Rescue
	Contact Name:	Nicola Leach
	Address:	Fire Service Headquarters 146 Bolton Road Swinton Manchester M27 8US
	Telephone:	0161 608 4040
	Mobile:	
	Email:	firesafetyadmin@manchesterfire.gov.uk

5. Project Management Structure

Director(s)	Name: Mr Mark Hughes Number: 01206 210455
Project Manager	Name: Jonny Richardson Number: -
Contracts Manager	Name: Mr Keith Cherry Number: 07842 311514
Site Manager	Name: Brian Seward Number: 07842 311514
Health & Safety Advisor	Name: Mr Alan Anderson Number: 07885 170887 / 01206 210455
Sub-contractors/Site Operatives/ Visitors	To be appointed (where applicable).
Out of Hours Contact	Name: Mr Keith Cherry Number: 07842 311514
Emergency Services	Displayed on site notice board.

Director
Mr Mark Hughes
Overall responsibility for H&S management of the company

Project Manager
Mr Jonny Richardson

Contracts Manager
Mr Keith Cherry
Responsible for ensuring the sites compliance of the company's H&S policies and procedures

Site Manager/Foreman
Mr Brian Seward
Responsibilities include overseeing the day to day site H&S, checking on welfare, security, first aid provision, emergency procedures and the reporting of any H&S incidents

Health & Safety Advisor
Mr Alan Anderson
CMIOSH TMIFPO
Responsible for providing competent advice and guidance around H&S matters

Trade Foreman/Supervisor
Responsible for overseeing task or area specific H&S practices

Subcontractors/Site Operatives/Visitors
Responsible for adhering to all H&S site rules / procedures as outlined by Broham Forecourts and raise any H&S concerns with their supervisor / manager.

6. Project Specific Health and Safety Risks

As identified from the site visit and other supporting information provided such as survey reports etc, the following existing restriction will be considered throughout the project. This section will also outline the control measures for works involving particular risks as outlined in Schedule 3 of the CDM Regulations 2015.

Project Specific H&S Risk	Suggested Control Measure
6.1. Noise Restrictions and Working Hours	Normal Construction Site Hours will apply to Levenshulme as follows; 08:00 to 18:00 – Monday to Friday 08:30 to 13:00 – Saturday No work at all on Sundays, Public or Bank Holidays without the prior written permission of the Local Planning Authority (LPA). In addition, no deliveries, external running of plant and equipment or construction works, other than internal works not audible outside the site boundary, shall take place on the site other than between the hours as stated above. At all times, all site operatives will be required to take a proactive approach to pollution by way of noise to minimise risk to themselves and others affected by the works. Liaison will be made with the Site Management

	before commencement of the works to establish the safe method of work. To help mitigate the potential noise pollution on site the following will be introduced (as required): ▪ Any site scaffolding will be covered and protected in Monarflex to assist in noise reduction ▪ Compressors will be fitted with properly lined and sealed acoustic covers, which will be kept closed whenever in use ▪ Pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturers ▪ Hydraulic tools will be used where practical ▪ Noise enclosures or acoustic barriers will be constructed around chop saws or when abrasive tools are used ▪ Machines in intermittent use will be shut down in the intervening periods between work or throttled down to a minimum ▪ Care will be taken when loading or unloading vehicles or dismantling scaffolding or moving materials ▪ Periodic noise auditing will be carried out during the working day of which record will be kept to monitor perimeter noise levels
6.2. Health Surveillance	Risk assessment will identify circumstances when health surveillance is required (unless already identified by existing legislation) and should it be deemed necessary; an occupational health surveillance programme will be undertaken. Occupational health surveillance for individuals undertaking high risk activities will include screening for any or all of the following: ▪ Hand-arm vibration syndrome (HAVS) ▪ Noise induced hearing loss (NIHL) ▪ Manual handling ▪ Dermatitis from onsite operations ▪ Repetitive strain injuries. Additional health issues may arise as a result of COSHH assessments and/or individual situations. Such surveillance will be conducted as identified by risk assessment.
6.3. Delivery/Access Restrictions	All deliveries to site will be pre-arranged to ensure delivery times are within permitted working hours. The Delivery driver will be given clear instructions on access to site and they will be met on arrival by a site operative and assisted into position. Broham Forecourts will ensure that all site operatives sign in and out of the signing in book each day. In addition, visitors will follow the below procedure. a. Any visitor on site will be required to sign in the signing in book and they will not be allowed to the work areas until a Broham Forecourts member of staff has greeted them. b. Site Management to check that visitors have the required PPE before being taken to work areas. c. All visitors must be accompanied by a member of site staff at all times while on site. All visitors will be requested to sign out on leaving the site.

6.4. Loading and Unloading of Plant and Materials	All plant and material delivery drivers shall report to the site compound prior to any offloading. All goods will be unloaded, and materials distributed across the site and stored in a designated and secure material storage area. Materials, tools and plant storage will be within secured compound and personnel must ensure that storage areas are secured before and immediately after use.
6.5. Wheel Washing	Wheel washing facilities will be made available and operated at the main vehicular entrance/exit.
6.6. Asbestos	It is understood no asbestos has been identified within the proposed works area however; site staff will be informed during induction to stop works and inform Site Management if they identify any substance which they believe may contain asbestos. If required, an asbestos company will be appointed to take samples and works will only start again once confirmation has been received. Any removal works will be undertaken by a competent asbestos removal company. All corresponding reports, surveys and relevant documentation will be kept available on site and all information communicated to all site users as part of site induction. These reports will be made available and accessible throughout the duration of the project. Please also refer to Appendix 1 for a copy of the Refurbishment and Demolition Survey produced by Asbestos Broham Forecourts. In addition, all site operatives will be informed during the induction process in the event of coming into contact with any further suspected ACM's. The following procedure will be communicated and expected as follows; ▪ To stop works immediately ▪ Prevent any access to the suspected area ▪ Inform the Site Manager ▪ Await further instruction Furthermore, key details of asbestos survey reports or asbestos management plan will be communicated to all personnel to include where any asbestos is located, and that it has been clearly labelled, or has been removed by a licensed contractor prior to the commencement of the construction / demolition works. All persons on this or any other project where ACM's have been identified, will attend recognised asbestos awareness training. Broham Forecourts will ensure that only licensed contractors are used when dealing with notifiable asbestos in line with company standards and relevant Legislation. Broham Forecourts will ensure that they obtain relevant information, including appropriate Asbestos survey reports, and carry out checks before beginning work where asbestos is or may be present.
6.7. Existing Services	Service searches will be carried out on site and the locations of any services found will be marked and all staff made aware of their locations.

	Services will be isolated prior to the commencement of works on site. Prior to any intrusive works a local search will be conducted using an appropriate wire/cable detector or other similar scanner devices to identify the location and routes of all services.
6.8. Manual Handling	Manual handling will be assessed and, where possible, avoided by mechanical means provided to reduce associated risks. It is anticipated that telescopic forklift, crane, pallet trucks, trolleys, and sack trucks will be available for use for this project. Job specific Method Statements and Risk Assessments will be completed for any works falling outside the standard risk assessments. Where manual handling cannot be avoided the specific Manual Handling Risk Assessment (MHRA) will be carried out prior to any manual lift taking place. The MHRA will include load weights, dimensions, distance of travel and take into account the environmental aspects surrounding the site. All MHRA's will be written up in line with the 'TILE' principles. Methods of assessing the risks of manual handling and consideration to alternative methods will be considered at all times where practical. Appropriate manual handling methods will be communicated during the site induction. Where additional controls have been identified to be introduced prior to undertaking any manual handling activity, appropriate safety gloves which are suitable for the specific task will be provided in addition to the standard minimum PPE requirements for the project, which will include steel toe-cap safety footwear, high-visibility clothing and hard hats. Due to the highly restrictive nature of the site area, it may not be possible for contractor or delivery vehicles to gain access to the site. Therefore there will be a greater risk of manual handling related issues on this site. Appropriate action and assessment of risk will be carried out all in accordance with the relevant Legislation and methods as mentioned above.
6.9. Dust	Broham Forecourts will ensure that all dust emissions are kept as low as is reasonably practicable. For all construction activity which include dust producing works, on-tool dust extraction systems, watering or dampening down suppression systems and physical segregation methods, by way of debris netting, sheets and fencing will be implemented as required to mitigate the release of dust into the work place. Operatives carrying out dust producing works will be provided with appropriate respiratory protective equipment in accordance with relevant Legislation.
6.10. Vibration	Where prolonged use of vibrating tools or where vibration exposure is likely to regularly exceed the action level for a particular tool / activity, the below will be considered and implemented as required: ▪ Tool selection ▪ Vibration control ▪ Maintain blood circulation ▪ Selection of operatives ▪ Training and awareness ▪ Health surveillance.
6.11.	The Site Manager will be ultimately responsible for housekeeping on site

Housekeeping/ Storage of Materials & Waste	and ensuring that the site is clean and tidy at all times, however, all site personnel will be responsible for maintaining a clean and tidy site that poses no unnecessary slip, trip or fall hazards, and presents an acceptable visual impression to the workforce, visitors and the general public. Cable management is to be pre-planned to avoid trip hazards and all work areas will be maintained in a reasonable condition at all times. All work areas will be swept up and tidied at the end of each task (where practicable) and at the end of each day. A designated area will be established for storing waste on site, which will be in agreement with the Client. The Site Manager will ensure that the waste storage area is being used, and work areas are kept clean and tidy and that waste storage areas do not pose a fire hazard. Collection of waste from site will be arranged with an appropriately licensed waste contractor and pre-planned to ensure that it takes place at a convenient time and that the delivery driver has clear instructions of the entrance and exit points etc.
6.12. Arboricultural Information/ Tree Protection Order	Tree protection and general arboriculturally considerations will be controlled on site in accordance with the current planning permission conditions and the Arboriculturally Implications Assessment.
6.13. Ecological Considerations	Broham Forecourts will ensure that due consideration is given, and ecological controls are put in place in accordance with the current planning permission and Ecology Report produced.
6.14 Hazardous Substances (COSHH)	COSHH details will be held on site relating to any materials, which may pose a risk to health or the environment. Broham Forecourts Site management will ensure that assessments for all hazardous substances are made available to those who may come into contact with them and that they have been made aware of those assessments. If no assessment exists, then one must be obtained immediately prior to the use of the substance. All sub-contractors will be responsible for providing their own COSHH assessments for approval by the Site Manager prior to commence of works that they will provide within their part of the specification. Appropriate storage for hazardous substances will be provided as necessary. Information to be clearly defined within specialist contractors Risk Assessments and Method Statements.
6.15. Storage or presence of existing hazardous materials	Due consideration will be given to residual dust, asbestos and respirable crystalline silica. In addition, flammable liquids and microbiological hazards will be considered where appropriate prior to any intrusive works commencing on site. Hypodermic needles, other related sharps and any other used or excreted bodily fluid may be encountered and will therefore be appropriately considered for the project.
6.15. Fire	It is our intention that any risks arising from our work activities are either eliminated or reduced to a minimum. It is acknowledged however, that despite these measures the possibility of a major incident must be considered. In the event of a fire we will evacuate the site and assemble at the

	designated assembly point, which is currently already in place on site. Fire notices will be displayed on site indicating both the fire assembly point and the procedure to follow in the event of an emergency, this information will also be given to site operatives during the site induction and from tool box talks. In developing the fire plan we will take into account the guidance given in the: ▪ Fire Prevention on Construction Site Joint Code of Practice ▪ HSE Guidance Fire Safety in Construction Work, HSG 168.
6.16. Work at Height	Consideration will be given to all working at height and wherever reasonably practicable work at height will be avoided. The Working at Height Regulations 2005 places a specific duty on persons in control of working at height to carry out a detailed risk assessment of the works. Broham Forecourts will therefore: ▪ Avoid working at height wherever possible ▪ When it cannot be avoided plan and organise the works ▪ Provide suitable working platforms for working at height ▪ Only work off ladders for short duration, light works and as a last resort. Broham Forecourts will ensure that all working at height activity will be carefully planned, including the selection of the correct access equipment to reduce risks arising from work at height. Suitable edge protection to remain in place at all times. Scaffold/Full height scaffold to be provided, where appropriate, for access and work at height. Broham Forecourts will ensure that suitable exclusion zones are established and walkways to be appropriately protected / covered to prevent the falling of tools, equipment, fixtures, fittings and components onto immediate areas underneath or within the close proximity of any work taking place at height. Risk assessments will be carried out for all operations involving working at height and safe systems of work implemented to avoid placing any person at risk from working at height. The following policies will be adopted when working at height: Use of scaffold towers: Scaffold towers will only be erected by trained individuals, who are in possession of the manufacturer's instructions. Towers will be thoroughly checked before being erected, the floor area will be kept clear of debris and outriggers used at all times. Makeshift Platforms/Trestles: Under no circumstances will makeshift platforms or Trestles be used. Ladders Ladders will only be permitted for work where there is no alternative

	means, and then will only be permitted for short duration works, where the operative can maintain a three point contact with the ladder. In all cases an alternative method will be considered and wherever possible working platforms or MEWPS will be used. Step Ladders Prior to work from steps/ladders check that the equipment is safe to use. Particular attention must be given to ensuring that steps/rungs are undamaged, stiles are sound and stay ropes undamaged etc. Equipment that is not adequate must not be used. The base upon which the steps/ladders are to be stood must be firm and level. Steps and ladders will only be used for short duration works where the operator can maintain a three point connection with the step ladder. MEWPS MEWPS (Cherry pickers & Scissor Lifts) if used, must be checked daily by the operator before being used; records must be made in the site POWER register every 7 days. Operators of such equipment must hold a suitable certificate of training for the equipment. No person without such proof of training is to operate the equipment. The site manager will hold copies of all training certificates in this safety plan.
6.17. Erection of Scaffolding	The Broham Forecourts project/site management team will ensure that scaffold is erected by competent, experience and trained sub-contractors and in accordance with BS EN 12811, CDM 2015 Regulations, National Access and Scaffolding Confederation (NASC) Guidance SG4:15, TG20:21, our own company standards and temporary work requirements. In addition, suitable and sufficient debris netting and/or screens will be installed to help reduce building debris and dust escaping into surrounding areas as required.
6.18. Stability of structures, Temporary Works	Broham Forecourts will ensure that no unplanned collapse of any existing building (or part of) occurs during the proposed demolition phase. Temporary Works will be required throughout the duration of the project from demolition to excavation support works. All Temporary Works will be designed, installed, altered and removed on site by personnel with the relevant skills, knowledge and experience only. In addition, all Temporary Works will be provided in accordance with design, instructions and approval by a competent designer. During any excavations, there will be consideration as the project commences, extra care will be taken when working close to newly formed structures, and this will be clearly set out each day with the site manager. The newly formed structures will be supported by the best practicable means as agreed on site and in conjunction with the relevant site drawings.
6.19. Lifting Operations	All lifting operations will be planned and authorised in accordance with relevant Legislation i.e The Lifting Operations Lifting Equipment Regulations 1998 (LOLER). Where appropriate, an Authorised Person (AP) or Responsible Person (RP) will be appointed where lifts or crane operations may take place. All lifting machinery, equipment and gear must be checked prior to use and

	on arrival to site. Checks and inspections of all lifting plant and equipment will be recorded in the site register.
6.20. Overhead Power Lines (OHL's)	Broham Forecourts will ensure that the appropriate Distribution Network Operator (DNO) will decommission and re-site the OHL's as appropriate prior to commencing of site works. For any short duration works near to OHL's we will attempt to seek permission from the Distribution Network Operator (DNO) to switch the power off temporarily. Mobile plant and vehicles will be especially selected to ensure that the maximum clearance possible is achieved when manoeuvring on site. The voltage is to be confirmed, however, the following exclusion zone dimensions will be adhered to in accordance with the HSE guidance document GS6; (Avoiding danger from overhead powerlines) ▪ Low-voltage line – 1m ▪ 11kV and 33kV lines – 3m ▪ 132kV line – 6m ▪ 275kV and 400kV lines – 7m Broham Forecourts will remain vigilant at all times and ensure that proposed works are kept within a safe distance of Overhead Lines. Appropriate action will be taken to mitigate the associated risks with working near to OHL's including; Ensuring that materials are not placed near overhead lines, and temporary structures (such as polytunnels) are erected (where necessary) outside safe clearance distances; If the danger cannot be eliminated, the risk should be managed by controlling access to, and work beneath, overhead power lines. Barriers will be erected at the correct clearance distance away from the line to prevent close approach. The safe clearance distance will be ascertained from the Distribution Network Operator (DNO). If it is deemed that the work beneath live overhead power lines cannot be avoided, barriers, goal posts and warning notices will be provided as appropriate. Extra care will be taken during any crane or lifting operations to avoid any contact with live overhead cables.
6.21. Permits to work (PTW)	It is understood that the Client does not have a current Permit To Work (PTW) system in place. Therefore, Broham Forecourts will utilise our own PTW system for any identified site-specific high-risk activity. Broham Forecourts have considered the main risk activities for this project and, resultantly, proposes to use a Permit to Work (PTW) system for the following site activities: ▪ Permit to break ground ▪ Permit to lift

	- Hot works operations - Entry into confined space - Work on non-isolated electrical equipment - Work on isolated electrical equipment - Out of hours supervision - General permit (e.g roof access, fragile roof, work in occupied premises or areas) - Use of ladders and step ladders - Demolition works - Temporary Works - Working at Height - Working with or near asbestos - Working near water - Working near Overhead Power Lines (OHL's) All Permits will be issued, reviewed and signed off by the Site Manager or an authorised person only. Details of any relevant Permits to Work for this project will be disclosed at induction.
6.22. Existing Occupancy	The premises will remain in use during the project. Suitable signs will be displayed on site to warn all persons that construction work is taking place and the potential hazards present during the works. Site work areas will be left in a safe and secure manner at the end of each day shift and on weekends. All work areas will be fenced to prevent unauthorised entry.
6.23. Demolition	Generally considered a high risk activity within any project, all proposed demolition works will be conducted strictly in accordance with Codes of Practice for Demolition and Health and Safety Executive (HSE) guidance. RAMS will be produced prior to work being undertaken. During the demolition works, traditional dust controls will be implemented to eliminate/reduce dust emissions, and all other associated risks of demolition works by way of the following: - Any identified asbestos to be removed as appropriate by a licensed contractor prior to any other demolition works commencing - All live services identified, isolated and disconnected prior to any demolition works commencing - Any personnel and site operatives not part of the demolition activity will remain as far away as possible from the task (This extends to members of the public) - Water suppression, dampened down methods - Additional PPE as identified in risk assessment - Exclusion zones set up - Safe system of work implemented - Temporary props for unstable structures (in accordance with structural engineer instruction) - Warning notices to be erected - Debris removed continually throughout demolition phase when safe to do so - Safety harnesses to be worn for hand demolition works at height (e.g from scaffold) - Safe access/egress zone to be established - Emergency procedures introduced

	Debris netting, sheeting, acoustic barriers, hoarding to be introduced around the established exclusion/buffer zone as appropriate.
6.24. Working in close proximity to public road	Broham Forecourts will ensure that suitable and sufficient control measures are implemented to ensure the protection of the public. The site area will continually be reviewed as work progresses. Security and public protection will be achieved as follows; ▪ Hoarding or Heras security panels (as appropriate) will be erected in accordance with site requirements. ▪ Traffic management 'best practice' procedures will be implemented, by way of restricting vehicular movement as much as is practical at all times during the project. ▪ All site work being carried out in close proximity to the public road, boundary or adjacent buildings will be supervised to ensure that no potential harm may come to passers-by. ▪ Appropriate warning signage will be installed along the site fencing.
6.25. Steel Beam Erection	Steel erection will be carried out by a specialist contractor approved with the relevant skills, knowledge, experience and training. Broham Forecourts will manage any Steel erection operations being undertaken on site and ensure that all works are carried out in accordance with the Risk Assessments and Method Statements provided by the approved sub-contractor, which are also to be in line with relevant Legislation and demonstrate good practice and will be subject to an acceptable RAMS and to proper supervision and control.
6.26. Traffic Management	All construction traffic will be limited to a period between 08:00 and 18:00. All deliveries will be arranged, organised and programmed with a pre-allocated timed delivery slot to minimise any potential backlog of vehicles and traffic within the immediate vicinity of site. All vehicles entering and leaving site will be monitored and marshalled as required. Each vehicle will be inspected before leaving site to ensure all wheels have been washed down and cleared of mud. Dust produced with associated site vehicular movement will be controlled by: ▪ Watering or Dampening down ▪ Strict vehicular speed limits of less than 10mph ▪ Covering stockpiles of earth with Geotextile membranes ▪ General good practice regarding housekeeping
6.27. Lone Working	Broham Forecourts will avoid lone working as much as possible. Where lone working is unavoidable a suitable monitoring system will be arranged and organised by the Site Manager, and works restricted to low risk activity only in agreement with Broham Forecourts senior management team.
6.28. UV Radiation	All persons working on site under the instruction of Broham Forecourts will be encouraged to take appropriate steps to prevent exposure to dangerous UV Radiation (from the sun), including ensuring that skin is covered appropriately to prevent exposure to UV Radiation. All will be encouraged to report any concerns to site management.
6.29.	Site is located within Flood Zone 1 with a very low risk of flooding from

Flooding from tidal water source	unusually high tidal surges along the river. Therefore, Broham Forecourts will sign up Met Office's email/text flood warning service. If a warning is received confirming the potential of either isolated or substantial flooding effecting the site Broham Forecourts will: - Place sandbags to reduce the potential of flood water entering buildings/structures/cabins on site (and within the toilet bowls of plumbed in toilets to prevent contamination by sewerage). - Remove COSHH/flammable/polluting chemicals and equipment from the site area that may be affected. - Switch off the gas and/or electricity supply as appropriate. - Warn residents/contractors (including those not on site but due to arrive) to the potential risk of flooding, and update this advise as required. - Avoid direct contact with floodwater, and if not possible, ensure that waterproof gloves and rubber boots are worn.
6.30. Presence of Unexploded Ordinance (UXB's)	It is understood that the site is in the moderate risk range on the unexploded bomb risk map and in close proximity to Luftwaffe targets adjacent to the site. Broham Forecourts workers will remain vigilant at all times and where required a CAT and Genny or metal detector search will be carried out prior to any excavation works being undertaken. Upon discovery of any suspected or unidentifiable object, works will be stopped until the relevant confirmation is received.

WORK INVOLVING PARTICULAR RISK (SCHEDULE 3)	SUGGESTED CONTROL MEASURE
1. Works which puts workers at risk of burial under earthfalls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or site	This is not applicable to this project
2. Work which puts worker at risk from chemical or biological substances	This is not applicable to this project
3. Work with ionizing radiation	This is not applicable to this project
4. Work near high voltage power lines	This is not applicable to this project
5. Work exposing workers to risk of drowning	This is not applicable to this project
6. Work on wells, underground earthworks and tunnels	This is not applicable to this project
7. Work carried out by divers having a system of air supply	This is not applicable to this project
8. Work carried out by workers in caissons with a compressed air atmosphere	This is not applicable to this project
9. Work involves the use of explosives	This is not applicable to this project
10. Work involving the assembly or dismantling of heavy prefabricated components	This is not applicable to this project

7. Arrangements for Involving Workers
Broham Forecourts recognises that workforce consultation plays a key role in the effective health and safety management on site. At the site induction Broham Forecourts staff members and the sub-contractors will be encouraged to make suggestions, report any unsafe situation, near misses and communicate their concerns and ideas regarding health and safety to the site manager. The company will take into account any

reasonable request made by the staff member or the sub-contractor regarding health and safety matters on site.

The site manager will ensure that every person on site is provided with suitable and sufficient Safety training and information on the risks to Health & Safety arising out of or in connection with the works by:

- Pre-start meetings to be held with Project/Site Management and all contractors to ensure that all parties are fully aware of the requirements for this project.
- Daily liaison with all site operatives will be made by Site Management and will include health and safety related issues.
- Safety Induction, when starting on site.
- Tool Box Talks, which will be carried out weekly as minimum and as and when required.

The site manager will be ultimately responsible for the management of health and safety on site on a day to day basis. The site manager will conduct daily site inspections to identify any potential abnormal hazards or risks present on site. Broham Forecourts will ensure health and safety on site is kept to a good standard and will utilise our Health and Safety Advisor (Mr Alan Anderson) for regular, monthly site inspections or more frequently upon request.

Statutory posters and information about the project are displayed on the site notice board and toolbox talks held in the project health and safety folder on site.

Relevant toolbox talks will be conducted throughout the project to ensure a regime of continuous improvement is implemented and maintained on this project including:

- Basic Health & Safety
- Personal Protection
- Scaffold Appreciation and Working at Height
- Handling Materials
- Power and Hand Tools
- Fire Safety
- Dust

Details of training and competence shall be held on site.

8. Co-operation and Co-ordination Arrangements

Staff members of Broham Forecourts and the sub-contractors are required to co-operate fully with other parties involved in the works for issues that affect health and safety arrangements on the project.

Regular project progress meetings will be held with the Client, Designers, Principal Designer (as appropriate and relevant) and other parties involved in the project to ensure liaison between the parties involved in the project.

Meeting minutes and any other relevant information will be circulated to the relevant parties involved in the project including the Principal Designer.

All design information issued by the Client and Designer will be received at Broham Forecourts office. Broham Forecourts office will then forward the design information received to the site and a record will be maintained of all information issued.

Any design changes will be instructed by way of Architect's Instruction (AI), or, if this is not received, Broham Forecourts will confirm any changes to the relevant party for approval.

Any design from sub-contractors with design responsibilities will be issued to the relevant party for approval.

Design information or approval of design information provided by sub-contractors with design responsibilities will be issued to sub-contractors and Designers by Broham Forecourts and a record of the issue of this information will be recorded.

In relation to any significant design changes, Broham Forecourts will inform the Principal Designer and other relevant project parties of any health and safety issues arising from the design changes. Coordination of the information between Broham Forecourts, its sub-contractors and other relevant parties will be maintained.

9. The Selection and Control of Contractors

Broham Forecourts will ensure that when using Sub Contractors that they are competent; i.e possess the necessary skills, knowledge, experience and organisational capability to fulfil their responsibilities on site and to maintain the expectations and levels of health and safety on a Broham Forecourts site.

Broham Forecourts will issue Sub Contractor questionnaires to be completed prior commencing work on site. The Sub Contractor questionnaires will be reviewed by Broham Forecourts with the assistance of our Health and Safety Advisor (Mr. Alan Anderson)

10. Induction

Prior to any person commencing work on site they will receive Health and Safety Induction Training. Broham Forecourts will conduct training for all employees under their control plus for sub-contract management/supervision that are thereafter required to induct their workforce. Visitors to site will also be subject to Broham Forecourts's induction. Broham Forecourts will maintain a record on site of all Induction Training.

The purpose of our induction is to:

- Familiarise individuals with the health and safety requirements of the project
- Establish procedural controls specific to the project
- Specify any permits to work
- Identify emergency arrangements
- Instruct on accident reporting
- Identify site specific safety rules
- Identify significant hazards at the worksite.

This induction will be delivered to all Broham Forecourts employees, subcontractors and visitors on site. Records of this induction will be maintained within the site safety file.

All visitors to site whether invited or not, must identify themselves to the project manager attending site prior to entering the worksite. The project manager must ensure that all such visitors are in possession of the relevant certification, site equipment (including PPE) and are fully inducted and briefed before accessing the work location.

During site induction, occupational health risk will be highlighted that exist on construction sites, safety leaflets, posters and signage will be displayed in common areas throughout the site to ensure personnel are continually updated on this information.

11. Welfare Facilities

Welfare arrangements for this project will be as follows in accordance with Schedule 2 of the CDM Regulations 2015:

- Mess Room
- Hot/cold running water
- Washing facilities

- Toilets
- First Aid

The welfare arrangements will be explained to all personnel at Induction Training.

All welfare facilities will be cleaned regularly and maintained in a neat and tidy condition.

In addition, an appropriate number of Responsible Persons will be appointed to take care of cleaning and maintenance of all provided welfare facilities, with duties arranged and shared as necessary (where appropriate).

12. First Aid

The first aider on site is Brian Seward

A suitable number of fully stocked and equipped First Aid Boxes and Eye Wash Stations (with all contents checked to be in date), will be made available on site at all times together with a suitable number of trained First Aiders. If and when a sub-contractor is required to work on site when all named Broham Forecourts First Aiders are not available, enquiries will be made with those sub-contractors to ensure the availability of a sufficient number of trained First Aiders (FAW) or an Appointed Persons (EFAW) are present on site during all working hours. First aid facilities will be monitored, assessed and provided as per the Health and Safety (First Aid) Regulations 1981 and a suitable First Aider to remain available throughout the contract. In addition, we will review the First Aid provisions on site as an ongoing process and should any site-specific details change during the project, this will be reflected in changes to site signage.

A First Aid Assessment will be carried out as required, and all first aid kits shall be regularly checked and any item used will be replenished as soon as is practicable.

There will be appointed first aiders on site and their names and phone numbers shall be displayed at suitable points around the site. All new employees shall be made aware of the above as part of their induction.

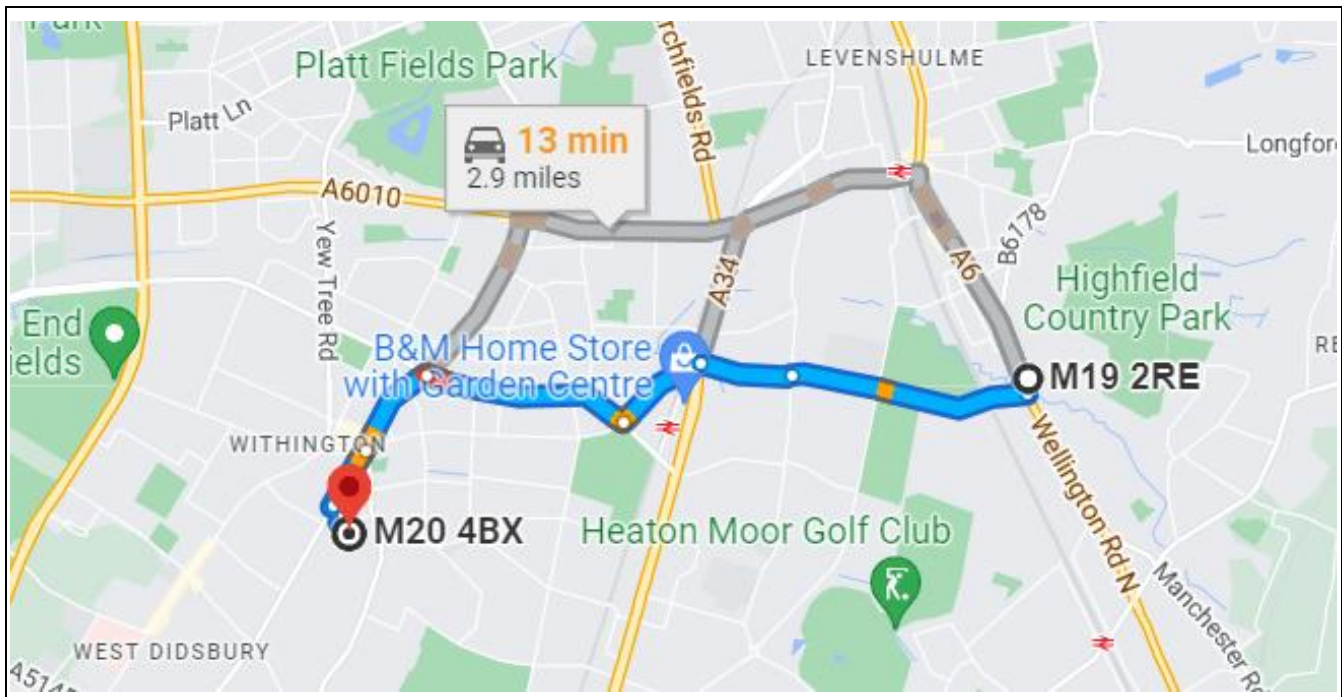
A site plan detailing all welfare facilities will be provided and displayed in the site office and canteen areas, and will be updated should there be any changes whilst the project is in progress.

In addition, an appropriate contingency plan will be drawn up to ensure that in the event of any pre-planned annual leave, unplanned absence, sickness etc does not affect the number of required trained First Aiders available on site at all times.

The nearest A&E Hospital is: The Christie Main Site, 550 Wilmslow Road, Withington, Manchester, Greater Manchester, M20 4BX

Telephone: 0161 446 3000

Distance: Approximately 2.4 miles – 10 minutes drive.



13. Fire and Emergency Procedures

Broham Forecourts arrangements for dealing with emergency situations are detailed as follows.

Site notice board displayed at appropriate location will be provided with an Emergency Contacts notice which will provide details of:

- The person responsible for Emergency Contingencies.
- The procedure for calling Emergency Services.
- The Telephone Number of the local Hospital, Doctor, Police Station, Gas Board and Electricity Board.
- The Name of First Aiders and location of First Aid Box.

There will be competent Persons responsible for Emergency Arrangements on this project. Fire Evacuation Drills will be carried out regularly and daily site fire safety checks will be carried out by the Site Management, as part of the daily site walk-round.

Action to be taken in the event of an accident:

- The injured person is to make his way to the nearest first aid facility.
- If a first aider is not present the injured person is to contact a member of the site team who will send for a first aider and reassure the injured person.
- No first aid is to be administered without the presence of a first aider.
- If the injured person is unable to go to the site office a colleague should advise the first aider and take him to the scene of the accident.
- The first aider will call an ambulance if necessary.

Major accident or incident requiring emergency procedures:

- On witnessing an accident/incident and if it is not possible to aid the injured, obtain help, do not endanger yourself.
- Immediately find a member of the site team who will direct a first aider to the scene.
- The first aider and site manager will assess the situation, arrange for the emergency services to be called and ensure access to the incident is kept clear, wait for the emergency services and direct them to the

scene.

- The first aider will remain with the injured person.
- The site manager will contact key personnel of the incident by phone and fax.

All accidents will be reported to the Site Manager who will then record them in the site accident book. This includes all such incidents occurring by any sub-contractor. Details of all incidents shall be supplied to the client. More serious incidents/accidents requiring RIDDOR notification will be reported by the Site Manager/Broham Forecourts office.

The Fire Muster Point following evacuation are: the same as the site arrangements

These arrangements will be brought to the attention of all persons at Induction Training.

14. Site Security

- All site visitors will be requested to identify themselves, and they will not be permitted access onto the site until a Broham Forecourts member of staff has greeted them.
- Work areas will be suitably fenced/barriered off at all times.
- All entrances and exits to the site/work areas will remain secured at all times.
- Motion detection systems

15. Site Rules

1.	IF IN DOUBT, ASK.
2.	All personnel must receive a health and safety induction prior to commencing work on site. All site visitors must be accompanied at all times.
3.	'Young Persons Risk Assessment Form' will be completed for all operatives under the age of 18 (as required).
4.	All personnel must sign on and off daily in the site attendance sheets.
5.	Safety helmets, Gloves, Safety Shoes and high-visibility vest/coat must be worn at all times on site when required.
6.	Hearing protection, goggles, overalls etc. are to be worn as necessary.
7.	No smoking shall be permitted within the site boundary.
8.	Site must be kept tidy – waste materials must be cleared systematically.
9.	Welfare facilities are provided for the use of operatives on site and must not be abused.
10.	Fire precautions: upon hearing the alarm all personnel must vacate the premises in an orderly fashion and assemble at the designated fire assembly point.
11.	No alcohol or drugs or anyone suffering from their effects are allowed on site.
12.	All personnel must adhere to the site traffic management system.
13.	Everyone on site has a duty of care for themselves and anyone else who may be affected by their acts or omissions.
14.	Lifting operations should be mechanised whenever possible. If manual handling is unavoidable appropriate Kinetic lifting techniques should be employed.
15.	All electrical hand tools on site must be powered by 110v or battery supply. Electrical equipment must have a current PAT (portable appliance testing) carried out.
16.	Site personnel must not either interfere with scaffold or anything else provided for their health and safety. Scaffolding is only to be altered by competent, trained and authorised personnel.

17.	Horseplay is strictly forbidden.
18.	No abusive language, shouting, swearing, wolf-whistling or similar. Show considerations for neighbours and the general public.
19.	No playing of radios, Smart phones, MP3 devices or similar.
20.	No item of plant may be operated by anyone who has not received appropriate training and certification.
21.	Plant and equipment must be provided with the appropriate safety documentation.
22.	All personnel must make site manager/supervisor aware of any unsafe acts or incidents he/she witnesses.
23.	All personnel must inform site manager/supervisor of any incidents or accidents that occur on site immediately after they happen.
24.	Permit to work systems, method statements and other written procedures must be adhered to.
25.	No damaged or faulty tools, equipment, plant or machinery should be used on site.
26.	It is forbidden for any personnel to bring children or animals on to the site.
27.	Broham Forecourts reserves the right to evict or refuse entry to any person for any reason which might be prejudicial to site health and safety or good conduct.
16. Sub-Contractors Site Health and Safety Rules	
1.	All sub-contractors must comply with the Broham Forecourts Site Health and Safety Rules. In addition to the Broham Forecourts Site Health and Safety Rules, contractors and sub-contractors must follow the rules as detailed below when working on Broham Forecourts sites.
2.	All sub-contractors must comply with the relevant parts of the Construction Phase Plan and must follow their risk assessments and method statements.
3.	All sub-contractor staff must make themselves familiar with the relevant site specific health and safety risks, other sub-contractors working on site, emergency procedures including fire precautions and escape routes, first aid provisions and emergency contact numbers.
4.	All work must be carried out in accordance with the relevant statutory provisions and relevant legal requirements, taking into account health and safety of others on site, including visitors and public.
5.	All operatives and visitors must wear personal protective equipment (PPE) as required.
6.	No unauthorised persons are allowed on site. All authorised visitors must be accompanied on site and must wear PPE as required.
7.	Where scaffold is erected by sub-contractors, they will be responsible to ensure that it is inspected before use and after alteration, with a record of the inspection made available.
8.	Do not use plant or equipment for work which it is not intended.
9.	All plant and equipment brought onto site must be safe, legally compliant, properly tested (as required) and in a good condition.
10.	Do not alter any item provided for your use unless authorised to do so by the Principal Contractor-Broham Forecourts.
11.	No power tools of greater voltage than 110 volts will be permitted. All leads and wires etc must be secured and managed on site to ensure safe and clear access routes.
12.	All work areas must be kept clean and clear of obstructions which could cause injury.
13.	Risk assessments and COSHH assessments will be required on site prior to commencement. Method statements will be required for high risk activities.
14.	All sub-contractors must report any injury to Broham Forecourts and ensure that the details are entered in the accident book on site. Any other accident, incident and near miss (including RIDDOR reportable) situation must also be reported to Broham Forecourts immediately.

