



Photo 5: Ground buildup ongoing



Photo 6: Steel frame construction commencement



Photo 7: Continued steel frame and ground levelling progress



Photo 8: Continued steel frame and ground levelling progress



Photo 9: Completed steel frame



Photo 10: External façade works



Photo 11: External façade progress



Photo 12: Ongoing external façade and internal fitout progress



Photo 13: External façade complete, Internal fitout in progress



Photo 14: Internal fitout complete



Photo 15. Example installed landscaping



Photo 16: Temporary surface drainage point

Validation Report

MIRA Technology Park – LIF-2, Plots 9A and 9B

Document Reference: WIB13833

WIB13833-120-R-2.1.2-VR

C. Method Statements

- Cut and fill works including soil stabilisation (Harrington builders; HBPLC-437-MS001-REVA, March 2024)
- Pad foundation and lift pit construction (Oakfield construction; no reference available, May 2024)
- Services to units installation (Advanced Utilities; 5562 C01, June 2024)
- Landscaping installation – (Gavin Jones; GJL JW MS002, February 2023)

Appendices

METHOD STATEMENT

MIRA PLOTS 8 & 9

SITE ENGINEERING

Harringtons Builders Plc
Harrington House
Fourth way
Wembley
HA9 0LH



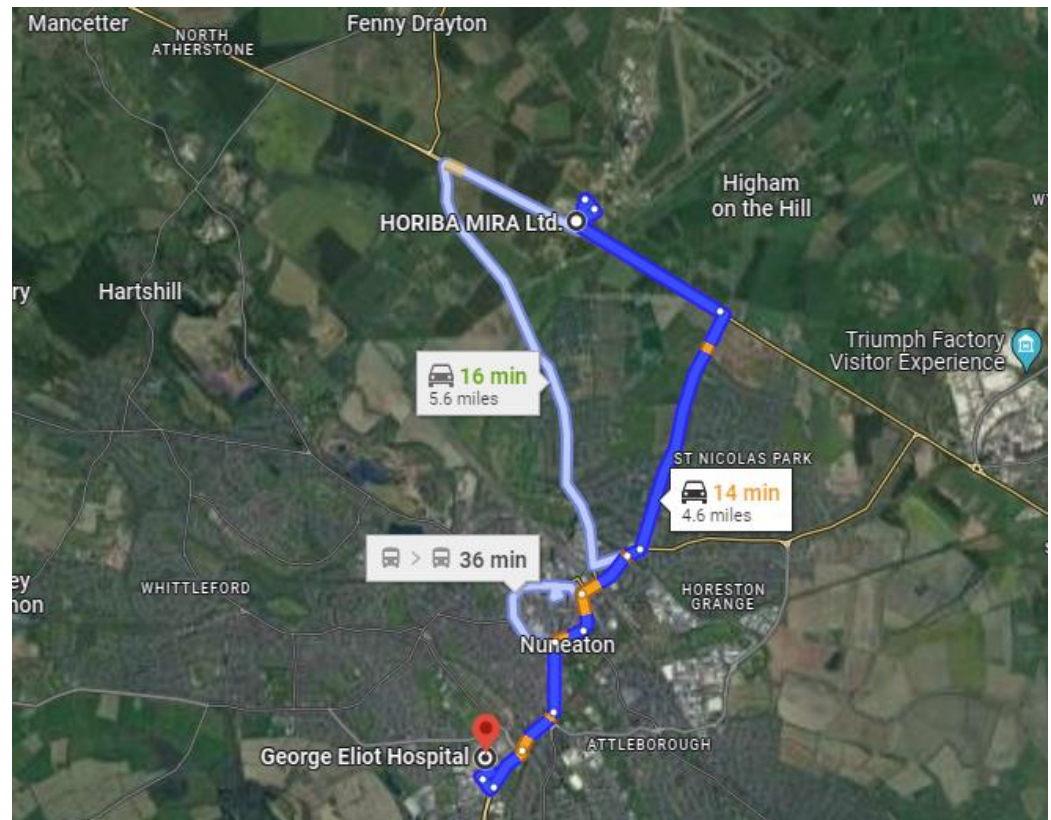
METHOD STATEMENT

1.0	PROJECT PARTICULARS			
1.1	PROJECT NAME:	Nuneaton	1.2	MS no: MIRA/PB/001
1.3	PRINCIPAL CONTRACTOR:	GMI	1.4	CONTRACTOR: Harringtons Builders Plc Harrington House Fourth Way Wembley HA9 0LH
1.5	TITLE/TASK:	Site Engineering	1.6	REV NO: 00
1.7	REVISION DATES:	Next Revision: 13/05/2024		
1.8	DATE OF ISSUE:	13/02/2024	1.9	SITE CONTACT: Stephen Archer-Hind

2.0	SUPERVISION/POSITION	NAME:	QUALIFICATIONS:
2.1	PROJECT MANAGER:	Paul Burton	SMSTS, CSCS, NVQ 7, IOSH
2.2	SITE MANAGER / SUPERVISOR:	Brendan Kilgannon	SMSTS, CSCS, First Aid
2.3	HEALTH & SAFETY ADVISOR:	Scott Carr	Dip SM, Grad IOSH, Dip Occ H&S
2.4	ENGINEER:	Ben Robinson (Temporary)	CSCS

3.0	TASK DETAIL			
3.1	PROPOSED START DATE:	W/C 26.02.2024	3.2	DURATION: 8 Weeks
3.2	HOURS OF WORK	07:30 – 18:00		
3.3	EXACT LOCATION(S) ATTACHED PLAN:	Sitewide		
3.4	DOCUMENTATION PREPARED BY:	Paul Burton 		
3.5	LOCATION OF NEAREST HOSPITAL	 George Eliot Hospital Address: College St, Nuneaton CV10 7DJ Phone: 024 7635 1351 Hours: Open 24 hours Emergency department: Open 24 hours - More hours Emergency department: Yes Accident & Emergency Care system: Public NHS  LOCATION OF BUS STOP ABOVE		

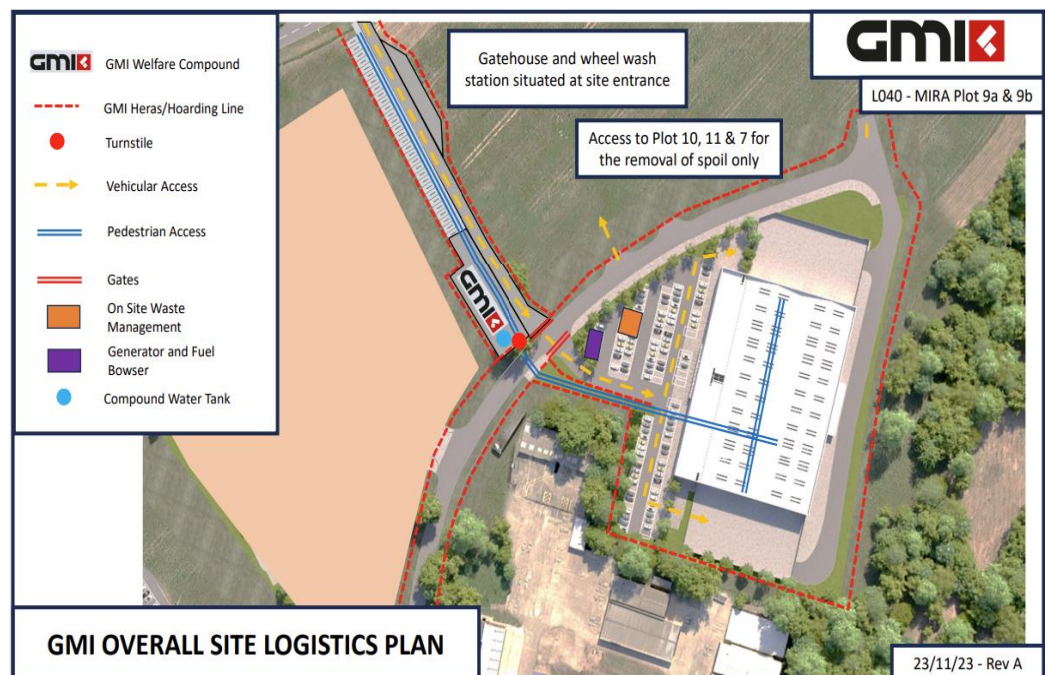
ROUTE TO HOSPITAL



3.6

HARRINGTON INDUCTION:
This induction must be read in conjunction with the method statement and signed in the briefing register.

SITE LOGISTICS



1.Site Security:

All Harrington operatives are to complete any online pre-enrolment requirements prior to attending site. Operatives will then receive a site-specific briefing prior to commencing work. All operatives are to sign/clock in and out of site following the Principal Contractors procedures as set out at the site induction.

2. Emergency Procedures:

All Harrington employees will follow the principal contractor's emergency procedures, failure to do so will result in disciplinary action being taken.

3. Fire

In the event of a fire, fire extinguishers will be found in the site office, refuelling area and adjacent to the works area. Report any fires immediately to the supervisor.

4. Emergency First Aid:

First aiders & First Aid equipment will be supplied by the Principal Contractor and HBPLC.

Details for them and location of the first Aid points will be supplied at induction stage. HBPLC as a company have trained a high proportion of our supervisors as First Aiders. They will make themselves known to the Site Team at time of induction. Details for the nearest Hospital are on [Paragraph 3.5](#) of this document. In the event of an emergency call **999** and ask for the appropriate service. Please defer to the PC's Emergency Procedures in the event of an emergency.

5. Welfare Facilities:

All welfare facilities have been provided for your convenience please look after them. All food/drinks must be consumed within the canteen. The only drinks that can be consumed out on site is water. Anybody found de-facing the welfare facilities will be red carded and asked to leave site.

6. PPE:

Boots (must be lace-up & No riggers) Hi Visibility Vests with the Harrington Logo, Hard Hats, Safety Glasses and Gloves must be worn by all Harrington Operatives. There should be no other PPE requirements for the engineer, however, all other PPE requirements will be covered on [Paragraphs 7.0/7.1/7.2](#), and, should the need arise, any further engineering PPE will be input here.

7. Plant & Delivery Vehicle Movements:

All plant movement where there is a specific risk to pedestrians must be banked by a competent trained banksman. A Two metre exclusion zone around excavators must be adhered to. Where this cannot be achieved then a banksman must be in attendance.

All delivery vehicle movement where there is a specific risk to pedestrians must be banked by a competent trained banksman. Engineering set-ups on site must take into account other operations, where necessary, logistics routes may need to be changed to take into account engineering requirements.

8. Environmental Controls:

Used batteries for the laser receivers will be placed into a container & disposed of at a recycling centre.

9. RAMS:

All risk assessments/method statements must be read understood and signed by all those carrying out the task. This Method Statement is specifically for site engineers, however, it must be read, understood and signed by all operatives, as their works will generally require the site engineers' input, and their actions may result in accident or injury to the engineer if they do not understand their requirements.

10. Permits to Work:

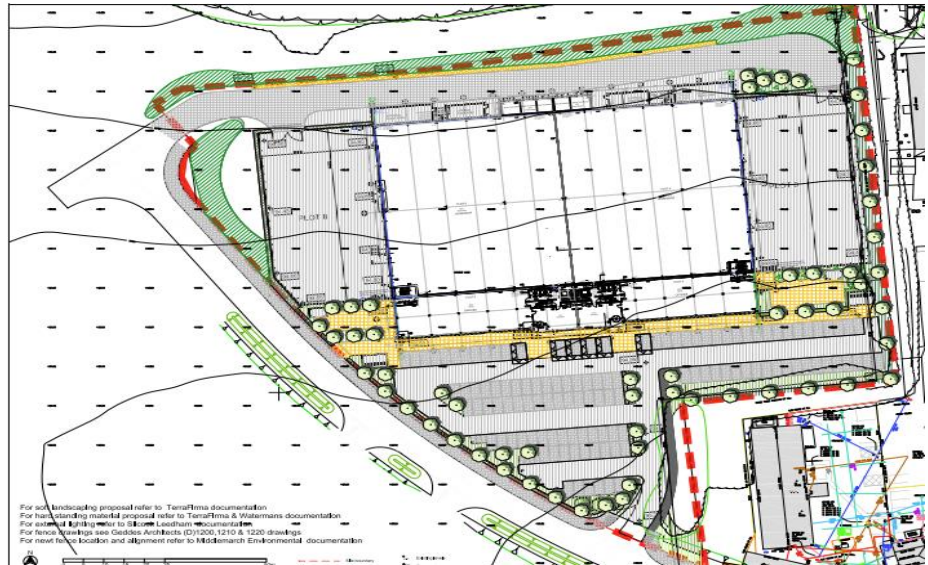
		There should generally be no requirement for a permit for engineering works, however, should the need arise, all permits must be in place either by the principal contractor or Harrington management. These will be found in the site safety file. All permits will be in Line with the Principal Contractors SOPs. 11. Drugs & Alcohol: Those found to be under the influence of either drugs or alcohol will be disciplined and removed off site. Those found to be smelling of alcohol on their breath will be asked to carry out a breath test. Random testing may be carried out from time to time. 12. Housekeeping: Work areas to be kept free of trip hazards, engineering equipment to be stored neatly when on site. All work areas are to be cleaned at the end of the shift. 13. Accidents/Near misses. All accidents or near misses must be reported immediately to the supervisor who will then contact the safety department. The accident book is located in the site office and the near miss reporting procedure can be found in the site file. The principal contractor must be informed of both incidents. 14. Asbestos: If asbestos is found, then you must stop work immediately and inform a manager or supervisor of your find. Cordon off the area. 15. Foreign Worker Policy: All foreign workers should have a grasp at English, those that do not must inform the manager or supervisor by means of an interpreter so that procedures can be put into place. 16. Medical Surveillance: All personnel are issued with the OHS-F-023 Medical Self Declaration upon recruitment, upon revision of the form, and periodically at intervals of not more than 4 years. On identification of a positive answer, the Line Manager will be notified. All operatives are to declare any medical conditions on the Harringtons Induction Form, any conditions declared will be forwarded to the H&S Department for assessment & direction. Emergency contact details for all operatives are on file and available in the event of an emergency. A Risk Assessment to be carried out on any operative who is working with a known condition. Due to the Data Protection Act, Operatives names are not required. Please see accompanying Health Policies for further information. 17. Exclusion Zones: a. All engineering surveys and setting out is to take place within an exclusion zone, no vehicle movement is to take place within a 3m radius of the engineer. b. No swinging excavator buckets are to take place over the engineer's exclusion zone. c. All banksmen are to ensure that the engineers exclusion zone is not trespassed or interfered with during works.
3.6(A))	PURPOSE	The purpose of this document is to detail the work methodology and associated risk assessments for the following. Site Engineering

		It will identify the following: •Potential health, safety and environmental hazards and risks. •Difficulties that may be encountered. •How work is to be carried out to remove or minimise hazards, risks and difficulties. •Any necessary permits/licences required for the works. •How site supervision will ensure works are carried out as intended. •Specific Principal Contractor Construction procedures. These works will be carried out in a timely manner to meet Contract Programme. Personnel intending to carry out the tasks detailed in this method statement will be briefed on the contents to ensure a safe system of work is established and maintained during the course of the work. If they have any queries, they should liaise with either the principal Contractor site supervisor or the site person in charge before commencing any works. Records of the method statement briefings are to be kept in the site safety arrangements file.
3.7	SCOPE WORKS:	The works being Carried out during this visit include: - Site Survey The follow on works carried out in future visits include: - Site Setting Out; Drainage Testing; Photographic Surveys; As-Built Surveys
3.8	SEQUENCE OF WORKS:	<u>Sequence of Works (Summary):</u> <u>As per Principal Contractors Programme</u> 1. Set up survey exclusion zones where vehicle movement will encroach on the works. 2. Ensure safe tidy access & egress to and from the works area, free of trip hazards, trailing leads and ankle breakers. 3. Set out all lines and levels according to the design drawings provided on the Information Sharing Portal by the various design engineers. 4. Witness (with the PC Engineer/Management Team) all drainage testing, and record on the Fieldview system. 5. Ensure that all QA information is completed, and counter signed by the PC Engineer/Management Team and made available on the Fieldview System. 6. Ensure that, where required, all As-Built surveys are taken and recorded, and made available for inspection on the Information Sharing Portal. 7. Ensure that all discrepancies in drawings or specifications are highlighted and brought to the attention of the site management Team & Design Engineers, this can be done in the form of an RFI (an email can also be sent as an addition to the RFI).
3.9	PROCEDURE	All method statements must be agreed by the Principal Contractor before work commences. This method statement will be conveyed via a 'method statement briefing', where upon this method statement will be thoroughly explained and any questions raised by those attending. The method statement briefing will be given before the operation commences and a copy shown and explained to those operatives involved. Method statements will be placed in the health and safety file for future reference. A signed record that the method statement was fully understood will be kept in the health and safety file and a copy given to the PC for their records. The risk assessment/method statement will be monitored by the Harrington construction site management and the visiting safety manager. Any amendments to this method statement will be recorded on the addendum sheet at the back of this method statement and signed by the authorised person making the addendum. Any alterations made will be brought to the attention of the operatives

		involved via a toolbox talk where an attendance sheet must be signed and dated by those present. <u>SUPERVISION:</u> Site based Supervisors/Foremen will monitor all works throughout each working shift, the number of Foremen on any one project will be determined by the size of the work force. Project Managers and other management staff will monitor works at regular intervals throughout each working shift. A designated, directly employed Health & Safety Advisor will visit site regularly (usually once every two working weeks) and carry out a comprehensive inspection and issue a formal report upon completion. The Health and Safety Advisor will also work closely with site staff and workforce to ensure legal and corporate responsibilities are being met and best working practices are being followed. Harrington's Builders Plc Contracts Manager will visit site regularly. They will work closely with site-based personnel to ensure all our works are carried out within current regulative guidelines to remove any negative impact our works may have on the environment. Both the Health & Safety Advisor and the Environmental Manager will also give advice and support to the site management and workforce to ensure all operations are carried out within the law. <u>TRAINING & COMPETENCE:</u> All engineers will be fully trained and competent to carry out their work, they will also carry a valid CSCS card.
3.10	DETAILED METHOD OF WORKS:	<u>Carried Out:</u> •All setting out is to be carried out in accordance with the construction issue drawings and project specification. •All works will be supervised and monitored by the HBPLC site management team. The site management team will consist of the HBPLC Project Manager, who will liaise with the HBPLC supervisor on site to ensure that all works are carried out safely, and in accordance with this method statement. Any other supervisory staff will be nominated once they commence on site, and their details passed on to the PC site management team. The PC site management team will also carry out monitoring of the work. •The Site Engineer and site Supervisor/Foreman will consult with each other to confirm the setting out requirements for each working day. •The site engineer will be informed by the site Supervisor/Foreman of any Hold Points reached and according to the ITP's so that they can survey and record the requisite information to satisfy the QA requirements. •Any accidents will be recorded in the PC & HBPLC site accident books and the standard procedures adopted should the operative need to remain off work for more than 7 days. •Any "near-misses" will be recorded as detailed in the site induction. <u>METHOD (Sequence of Works):</u> PRE-WORK SEQUENCE The engineer and all operatives to review and sign-up to the RAMS presented by the HBPLC Supervisor.

Survey/setting out areas to be inspected by HBPLC Supervisor & engineer. This will allow agreed safe work space for the engineer's set-up.
All operatives, especially plant operators and banksmen to be briefed on each engineering set-up location at the start of each shift.
Once works are completed, exclusion zones can be struck

SITE PLAN



METHOD:

In all areas, the engineer should be clear of any hazards or dangers, from moving plant; overhead lifting; open excavations & working from height, just to name a few.

SETTING OUT ON SITE

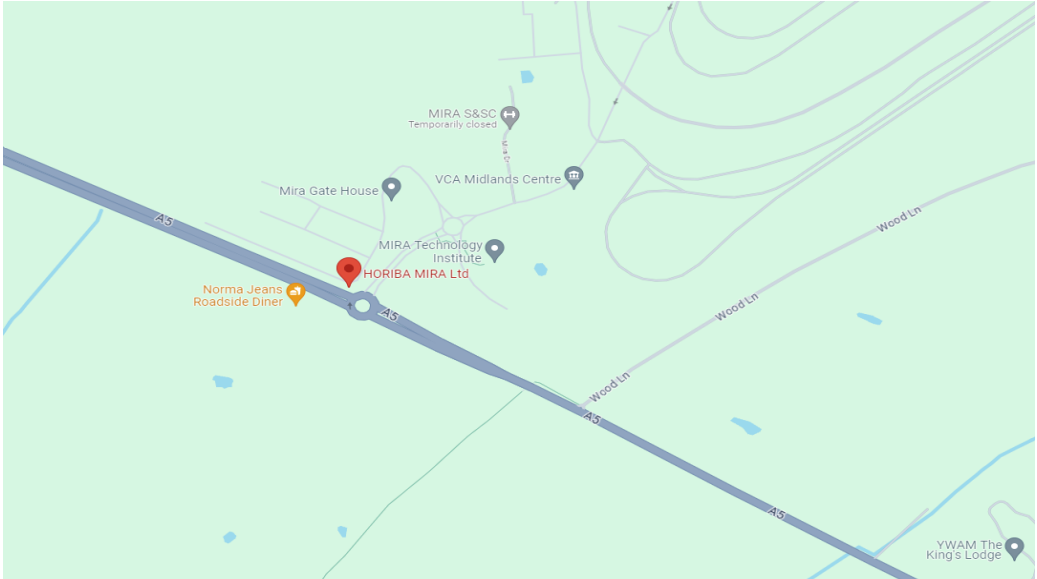


SITE SUPERVISOR IS TO;

- A. Ensure that all works involving the site engineer are planned and

		communicated to the workforce prior to commencing. B. Ensure that all works take place behind an exclusion zone if plant movement is likely to interfere with the works. C. Ensure that all access and egress is clear and free from trip hazards and trailing leads. D. Ensure that all areas of survey set up are away from the edge of excavations or leading edges if working from height. E. Ensure that all ground where surveys are to take place are level, both to allow a safe workspace for the engineer and also a secure set-up point for the engineer equipment. F. Ensure that overhead lifting is avoided whilst the engineer is working in an area of lifting. SITE ENGINEER IS TO; G. Ensure that all specifications, drawings, and surveys are perused and inspected prior to commencing any setting out. H. Ensure that all conflicts of information are communicated to the Site Management & Design Engineer Teams, firstly through the Project Information Sharing Portal and secondly by email. I. Ensure that prior to setting out for excavations, all known services that are within the dig area are clearly marked out on the ground so that trial holes can be carried out. Once found, the engineer will plot the runs on an as-built drawing to compare with and confirm the existing surveys and for future reference. J. Ensure that all setting out information is taken from the latest revision of the drawing available, available on the designated information sharing portal. K. Ensure that all works are carried out to the engineer's specification and that all ITP hold-points are adhered to, so that all QA information can be recorded and witnessed by the Principal Contractor. L. Ensure that all as-builts are taken when required and uploaded to the information sharing portal and Fieldview. M. Ensure that all QA records are taken and witnessed by the Principal contractor, photos of works carried out are taken and recorded for area handovers. N. Ensure that all survey equipment is in good working order and with up to date calibration certificates. O. Ensure that all his actions on site ensure the safety of himself and others at all times.
--	--	--

VEHICLE ACCESS

3.11	ACCESS/EGRESS:	 
3.12	WELFARE FACILITIES:	All welfare facilities will be provided for by the PC, location to be confirmed.

4.0	RESOURCES, RESTRICTIONS & OTHER CONSIDERATIONS		
4.1	PERSONS REQUIRED	ROLE	TYPE
		1x Engineer All site Supervision and Operatives	CSCS CPCS SMSTS SSSTS
4.2	PLANT/EQUIPMENT/TOOLS:	All relevant engineering equipment test certificates will be added to the PC Plant Register prior to works commencing. Engineering Survey & Level Equipment	
4.3	MATERIALS:	N/A	

4.4	STORAGE OF TOOLS & MATERIALS:	All engineering equipment will be stored in the site store or site office.
4.5	TECHNICAL INFORMATION/ Drawings etc.	All Specifications & Drawings will be downloaded from the Information Sharing Portal.
4.6	HOUSEKEEPING:	Walkways and work areas clear of trip hazards are required at all times.
4.7	WASTE REMOVAL:	Engineering waste consisting of batteries and spray paint cans will be bagged separately and removed from site by the HBPLC pick-up truck, where they will be stored in segregated waste disposal bins at the Harringtons yard for removal by a specialist waste collector.
4.8	ENVIRONMENTAL:	See 4.7

5.0	RISK MANAGEMENT					
5.1	RISK ASSESSMENTS ATTACHED:	See Accompanying RA's				
5.2	COSHH:	File will be sent to PC (Via WeTransfer) if requested. COSHH ASSESSMENTS: 1. Line Marking Spray Paint 2. Batteries				
5.3	MANUAL HANDLING:	No manual lifting above 20kg (HSE Guidance) Use mechanical means to lift where possible The following works are deemed Manual Handling Tasks; Erecting Fencing Carrying around engineering equipment				
	Can manual handling be avoided?	No				
	Are the operatives trained in manual handling?	Yes				
	Are the manual handling Risk Assessments attached?	Yes				
5.4	NOISE/DUST/VIBRATION:	NOISE: Hearing Protection to be worn when/where appropriate. DUST: No works that create dust are to take place whilst the engineering is setting out or surveying in a works area. Dust suppression is to be used when the ground is dry and plant movement creates dust. COSHH Silica Dust RA to accompany this document Vibration: N/A				
	Are there Risk Assessment attached?	Yes				
		RA-006	RA-009	RA-017	RA-028	RA-049
		RA-052	RA-054	RA-070	RA-077	

5.5	OTHERS AFFECTED: Identify other persons that may be affected by the works being carried out.	N/A					

6.0	PERMITS TO WORK	
6.1	PERMIT TYPE:	N/A Unless otherwise stated by PC
6.2	SPECIAL TRAINING:	Engineering Qualifications CSCS

7.0	PERSONAL PROTECTIVE EQUIPMENT	
7.1	MANDATORY SITE PPE:	 Specify Type of Gloves Required - CAT 3 Minimum Specify Type of Eye Protection Required – EN166F Specify Type of Hard Hat Required – BS EN 397 Specify Type of Hi-Viz Required – EN471 CLASS 2 Specify Type of Safety Boots Required – EN ISO 20345
7.2	TASK SPECIFIC PPE:	N/A Unless otherwise stated by PC

8.0	EMERGENCY ARRANGEMENTS		
8.1	RESCUE:	As per Principal Contractors site induction emergency arrangements.	
8.2	ACCIDENTS/NEAR MISSES	All accidents and near misses must be reported immediately to a manager or supervisor and the accident book filled in and sent back to the office	
8.3	FIRST AID (QUALIFIED PERSON):	NAME:	COMPANY:
		Brendan Kilgannon	Harrington Builders Plc

9.0	TEMPORARY WORKS	
9.1	PEDESTRAIN / TRAFFIC REROUTING ARRANGEMENTS:	As per site logistics plan
9.2	DETAILS OF PEDESTRIAN / TRAFFIC / REROUTING ARRANGEMENTS.	Provided by PC
9.3	FORMWORK/FALSEWORK/SHEET PILES	N/A

Harrington Builders PLC
Building and Civil Engineers

9.4	SPECIFIC FIRE SAFETY ARRANGEMENTS:	As per PC's Site Induction
9.5	RESPONSIBILITY FOR TASK LIGHTING:	The PC will be responsible for all temporary access lighting. Task lighting will be the responsibility of sub-contractors

[illegible]

Harrington Builders PLC
Building and Civil Engineers



METHOD STATEMENT

MIRA NUNEATON

**Harringtons Builders Plc
Harrington House
Fourth Way
Wembley
HA9 0LH**

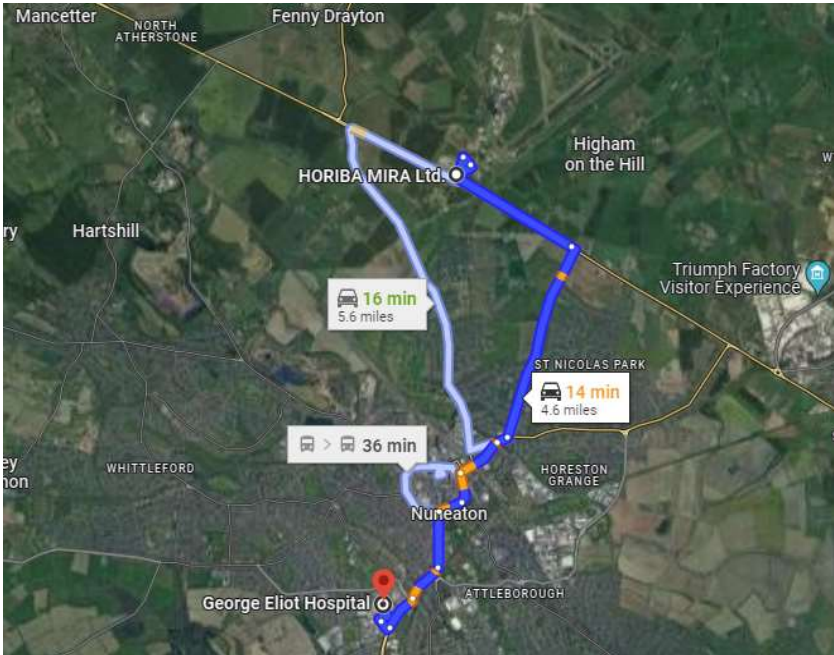
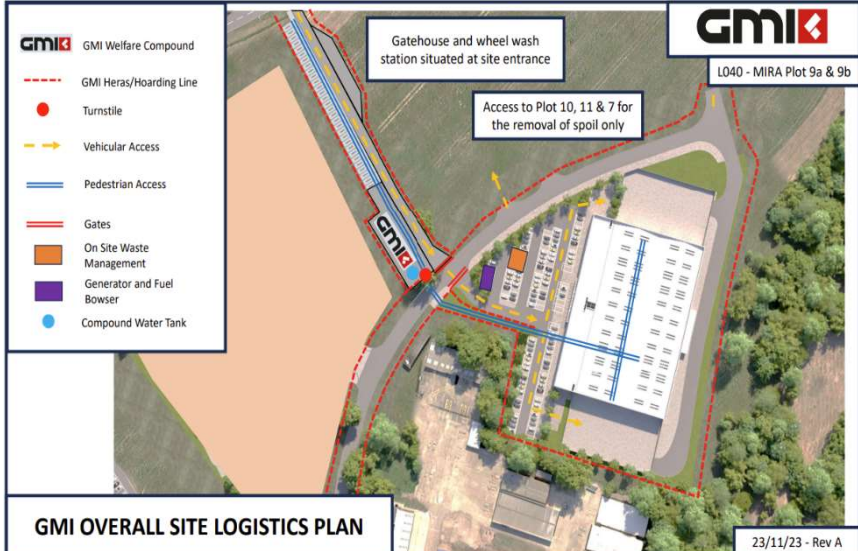


HARRINGTONS BUILDERS PLC - METHOD STATEMENT

1.0	PROJECT PARTICULARS					
1.1	PROJECT NAME:	MIRA Nuneaton	1.2	MS No: HBPLC-437-MS001-REVA		
1.3	PRINCIPAL CONTRACTOR:	GMI	1.4	CONTRACTOR:	Harringtons Builders Plc Harrington House Fourth Way Wembley HA9 0LH	
1.5	TITLE/TASK:	Cut and Fill			1.6	REV NO: A
1.7	REVISION DATES:	08/03/2024				
1.8	DATE OF ISSUE:	08/03/2024	1.9	SITE CONTACT:	Brendan Kilgannon	

2.0	SUPERVISION/POSITION	NAME:	QUALIFICATIONS:
2.1	PROJECT MANAGER:	Dan Howlin	SMSTS, TWC, CSCS
2.2	SITE MANAGER / SUPERVISOR:	Brendan Kilgannon	SSSTS, CSCS, First Aid
2.3	HEALTH & SAFETY ADVISOR:	Scott Carr	Dip SM, Tech IOSH, First Aid
2.4	ENGINEER:	TBC	

3.0	TASK DETAIL				
3.1	PROPOSED START DATE:	08/03/24	3.2	DURATION:	8 weeks
3.3	HOURS OF WORK	07.00 – 19.00 Mon – Fri & 08.00 – 13.00 Sat (TBC)			
3.4	EXACT LOCATION(S) ATTACHED PLAN:	Plot 6 and Plot 8-9			
3.5	DOCUMENTATION PREPARED BY:	Dan Howlin			

	Nearest Hospital Route	
3.6	HARRINGTON INDUCTION: This induction must be read in conjunction with the method statements and risk assessments, then signed as acknowledgement of its contents on the briefing register.	 1.Site Security: All Harrington operatives and visitors are to sign in and out of the site on a daily basis, the attendance register can be found in the Curo gate office. Failure to sign in and out on a daily basis could result in persons being searched for in the event of an emergency. 2. Emergency Procedures: All Harrington employees will follow the principle contractor's emergency procedure, failure to do so will result in disciplinary action being taken. In the event that the PC does not have these in place, Harringtons Site Management are to produce site emergency procedures. 3. Fire All Harrington employees will follow the principle contractor's fire emergency procedure, firefighting must only be conducted if it is safe to do so, and all fires are to be reported to the Harringtons Site Management immediately. 4. Emergency First Aid: First aid providers are supplied by the Principal Contractors, details for contacting them and location of the first aid points will be supplied at induction stage. HBPLC have trained a high proportion of our supervisors as First Aiders.

They are to make themselves known to the Principal Contractors site team at time of induction. The Supervisor for these works, TBC is a qualified 1st Aider. If an operative requires rescue within the dig area it will be assessed by site team, if safe to remove he will be carried by adequate man power to a safe place. If the operative is judged to not to be moved the local emergency services (999) will be called to oversee the rescue

5. Welfare Facilities:

All welfare facilities have been provided for your convenience please look after them. All food/drinks must be consumed within the canteen. The only drinks that can be consumed out on site is water. Anybody found de-facing the welfare facilities will be red carded and asked to leave site. Initially the welfare will be Located outside the perimeter wall

Refer to GMI Minimum Standard

6. PPE:

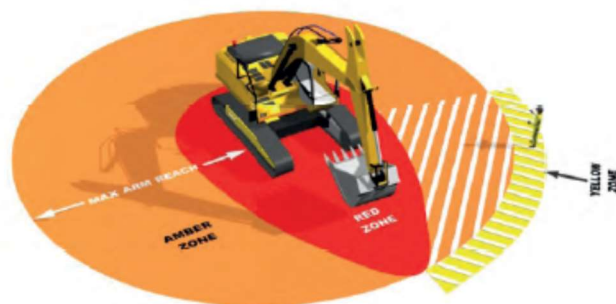
Boots, Hi visibility vests with the Harrington's logo, hard hats, safety glasses and gloves must be worn by all Harrington operatives. All other PPE will be task specific in accordance with GMI Minimum Standards

7. Plant Movements:

All plant operators will have keys connected to their person via a 'key lanyard', this ensures that the keys must be removed when dismounting an item of plant All plant movement where there is a specific risk to pedestrians must be banked by a competent trained banksman. A two metre exclusion zone around the excavators must be adhered to, where this cannot be achieved then a banksman must be in attendance. Refer to site traffic Logistics plan

All operatives in the working zones are to be fully briefed as to the safety zones around the excavators. Entry into these zones should only take place, once the excavator operator has acknowledged their presence with the "thumbs up"

NOTE, During this project we will be utilising plant proximity sensors which will be fitted to plant and an agreed proximity will be set, this involves each site operative being issued a hat sensor will tell them when they have entered a plant proximity. This can only take place whilst HBPLC have control of the site area. Any persons wishing to enter the 'Construction Zone' must be issued a sensor by HBPLC first. Anybody loosing or removing a sensor will be charged



Plant Interface Zones

Yellow Zone

All personnel involved with the plant operation must remain within this zone to maintain visual contact with the plant operator.

Amber Zone

Entry prohibited until positive visual contact is made with the plant operator, the slew arm/hydraulics grounded and the machine is immobilised using the safety lever.

Red Zone

Entry prohibited unless the machine is completely isolated with the slew arm/attachment/bucket grounded, the machine immobilised using the safety lever and the engine switched off.

Hatched Zones

Describes typical sight lines of the plant operator.



8. Environmental Controls:

Used batteries will be placed into a container in the site office. Used Spray cans, grease tubes, foam spray must be placed in the CoSHH bin provided on site. CoSHH Assessments will be provided for all CoSHH items. Refer to GMI minimum standards

9. RAMS:

All risk assessments/method statements must be communicated to the workforce, once communicated the RAMS are to be signed and acknowledged by all those carrying out the task, they are to be reviewed a minimum of once during the process of works.

10. Working at Height:

Any Harrington operative found not to have fall protection in place when working at height will be red carded immediately and sent off site. Appropriate edge protection (installed as per manufacturers' installation guides) for the tasks must always be in place, ie Heras fencing, stop blocks, handrails (min 950mm high)

11. Permits to Work:

All permits must be in place either by the principle contractor or Harrington management. This will include permit to dig, hot works permit, permit to load and strike and confined spaces. These will be found in the site safety file. They are to be signed off at the end of each period which the permit covers by the Harringtons site management. Where works involve working near live services, adhere to GMI minimum standard

12. Drugs & Alcohol:

ANYONE found to be under the influence of either drugs or alcohol will be disciplined and removed off site. Those found to be smelling of alcohol on their breath will be asked to carry out a breath test. Random testing will be carried out from time to time.

13. Housekeeping:

All work areas are to be maintained in a clean and tidy state, during the works and cleaned up where necessary at the end of the shift. As per GMI Minimum Standard CIS

		14. Accidents/Near misses. All accidents or near misses must be reported immediately to the supervisor who will then contact Harringtons H&S Manager. The accident book is located in the site office and the near miss reporting procedure can be found in the site file. The principle contractor must be informed of ALL accidents and near misses, as soon as they occur. 15. Asbestos: If suspected as asbestos material is found, then you must stop work immediately, send someone to inform the site management, surround the area of contamination with a fence to prevent access, spray lightly the asbestos with water if it is dry, cover it with a weather proof covering and place signage on the fence warning of contamination. 16. Foreign Worker Policy: All foreign workers should have the capability to communicate in English, those who do not must inform the manager or supervisor by means of an interpreter so that communication of information procedures can be put into place. All operatives must be understand ALL safety instructions 17. COVID-19. All HBPLC operatives upon visiting site for the 1st time are to familiarise themselves with the site specific procedures regarding working Conditions to minimise the effects of Covid-19. These procedures for the site will be addressed and signed off separately to these RAMS. Additionally, all HBPLC personnel are to ensure that they have read and understood the new policy/RA/procedures set out in separate documentation Also Refer to GMI Minimum Standard
3.7	PURPOSE	The purpose of this document is to detail the work methodology and associated risk assessments for the installation of the following; 1) Cut and Fill Across Site It will identify the following: 1. Potential health, safety and environmental hazards and risks. 2. Difficulties in construction that may be encountered. 3. Special plant or procedures. 4. How the work is to be carried out to remove or minimise hazards, risks and difficulties. 5. Any necessary permits/licences required for the works. 6. How site supervision will ensure works are carried out as intended. These works will be carried out in a timely manner to meet contract programme. Personnel intending to carry out the tasks detailed in this method statement will be briefed on the contents to ensure a safe system of work is established and maintained during the course of the work. If the method of work, or the system used is not what it is described in this method statement, then they must stop and report to either the Principal Contractors site supervisor or the site person in charge before recommencing any works. Records of the method statement briefings are to be kept in the site safety file for review by H&S Manager.
3.8	SCOPE OF WORKS:	1. Cut and Fill 2. Soil Stabilization
3.9	SEQUENCE OF WORKS:	1. Mark out the boundary line 2. Create the cut and fill model for approval 3. Cat scan the site and expose existing services 4. Strip off the vegetation

		5. Strip off topsoil 6. Strip sub soil for reuse 7. Stabilize subsoil and re lay in 300mm layers 8. Roll, compact and CBR
--	--	--

4.0	SITE PROCEDURES	
4.1	PROCEDURES:	<u>METHOD STATEMENTS:</u> 1. All method statements must be agreed by the Principal Contractors before work commences, confirmation of this agreement is to be retained by the Harringtons Site Management. Refer to GMI Minimum Standard 2. This method statement will be communicated by a member of the Harringtons site management team, during this method statement briefing the method statement will be thorough explained and any questions raised by those attending will be explained and answered. The method statement briefing will be given before the operation commences, a copy will be shown and explained to those operatives involved. 3. Method statements will be placed in the health and safety file for future reference. A signed record that the method statement was fully understood will be kept in the health and safety file and a copy given to the PC for their records. 4. The risk assessment/method statement will be monitored by the Harrington construction site management and the visiting safety manager. 5. Any amendments to this method statement will be recorded on the addendum sheet at the back of this method statement and signed by the authorised person making the addendum. 6. Any alterations made will be brought to the attention of the operatives involved via a toolbox talk where an attendance sheet must be signed and dated by those present. <u>SUPERVISION/RESPONSIBILITIES.</u> 7. Site Supervisors/Foremen will monitor all works throughout each working shift, the number of foremen on any one project will be determined by the size of the work force. 8. The minimum responsibilities of the site supervisor, TBA will include but not limited to the following roles. A) Plan Ahead B) Take ownership and responsibility for the Project C) Organise the workforce D) Ensure the workforce has suitable PPE, tools and equipment E) Lead by example-ie, by not walking by F) Communicate with the GMI project team and attend the daily Supervisor site briefings. G) Undertake daily task briefings to the workforce H) Carry out regular tool box talks I) Carry out recorded SHE monitoring J) Report unsafe practices and SHE concerns

		K) Attendance is required at the weekly "PACKS" 9. Project Managers and management staff will monitor works at regular intervals throughout each working shift. 10. A designated, directly employed Health & Safety Manager will visit site regularly (usually fortnightly) and carry out a comprehensive inspection and issue a formal report upon completion. 11. The Health and Safety Manager will also work closely with site staff and workforce to ensure legal and corporate responsibilities are met and best working practices are followed. 12. Harrington's Builders PLC Senior Management will also visit site regularly (usually once every week) they will also work closely with site based personnel to ensure all our works are carried out within current regulative guidelines to remove any negative impact our works may have on the environment. <u>TRAINING & COMPETENCE:</u> 13. All of the personnel will hold CSCS/CPCS accreditation. Confined space training will be current and appropriate certification available. They will all be experienced in this type of work and will be fully aware of the content of this method statement. The operatives involved in the task will have the method statement communicated to them, and "sign-off" sheets will be used to ensure all personnel have been made aware of the method and risk assessments and the scope of works, as well as the safety procedures that have to be adopted during the task. <u>INSPECTION DETAILS:</u> 14. <u>PUWER</u> a. All equipment which is to be used for the project will be registered and inspected on a weekly basis by the Harringtons site management team. The inspection form is to be copied to the Principal Contractors, and a copy held in the Harringtons H&S file for review by the H&S Manager. 15. <u>LOLER</u> a. All lifting equipment which is to be used for the project will be registered and inspected on a weekly basis by the Harringtons site management team. The inspection form is to be copied to the Principal Contractors, and a copy held in the Harringtons H&S file for review by the H& Manager. 16. <u>SURVEYING EQUIPMENT</u> a. All survey equipment (ie laser/pipe levels, CATS and Total Stations must have current calibration certification b. Also refer to GMI Minimum Standards
4.2	DETAILED METHOD OF WORKS:	<u>Works to be carried out as follows:</u> 1. •All installations are to be carried out in accordance with the construction issue drawings and relevant specification. 2. •All works will be supervised and monitored by the HBPLC's site supervision. GMI site management team will also carry out monitoring of the work

	3. Cut and fill model to be submitted to GMI for approval prior to start date. 4. •The Site Supervisor/Foreman for the works location shall ensure that the Permit to Locate/Dig has been issued by the responsible person and shall ensure all the necessary information i.e. existing services drawings etc., are available to ensure safe working. 5. •Permits to Dig are not transferable. If personnel are replaced the site supervisor shall re-examine the area with the new personnel and when familiar with any obstructions etc. he/they shall countersign and retain the original permit at the work place. 6. •One copy of the permit shall be retained in the site office and a second copy shall be issued to the supervisor responsible for the work area. 7. •Any and all accidents will be recorded in GMI site accident book and the Harringtons Accident forms. The Harringtons H&S Manager should be informed of any and all accidents within a 2 hour period, if they are life threatening incidents, then they should be informed immediately. In the event you cannot contact the H&S Manager then the Managing Director should be contacted and informed. 8. •Any "near-misses" will be recorded as detailed in the site induction, and a "near miss" form will be completed and filed with both GMI and the Harringtons H&S Manager. 9. All existing infrastructures are to be protected by the Principal Contractor and maintained by them. This protection will cover any existing works. Currently for the purposes of this MS HBPLC have sole possession of the work area. 10. •All lifting operations will be carried out by an excavator fitted with the correct lifting eyes and equipment clearly stating the SWL. 11. •The control of nuisance dust will be minimal. If required, dust suppression will be used, if a dust nuisance is present then disposable dust masks will be worn. Dust suppression will be provided by HBPLC. 12. •Any operatives that are working in the vicinity of noisy machinery will wear hearing protection. All operatives working with pneumatic breakers will wear ear defence, and a readily available stock of disposable ear defence will be kept on site. PPE relevant to the task will be worn at all times, ie, dust masks, high impact goggles along with the mandatory requirements of the Principal Contractor as set out in the site induction. 13. •Excavation inspections will be carried out on ALL excavations on a daily basis and the findings will be recorded and kept in the H&S file as well as being issued to Principal Contractor for their records. 14. •All vehicle deliveries of materials to the site are to have appropriate edge protection in place for safe access and unloading of the vehicle. Any driver or a vehicle which does not have edge protection to prevent falls will be requested to provide it or leave site. <u>Method and Sequencing of Works:</u> 1. Once all permits and briefings have been signed onto, a scan of the area will commence by a trained operative. Any positive detection areas will be highlighted and sprayed on the ground
--	--

		and the existing service drawing will be cross referenced. The areas of positive readings will then be hand dug to expose the service. - The cut and fill model will have been issued to GMI for approval. Upon receipt of approval, the model will be imported into our D5 Dozer ready for cutting. - The first step is to remove the vegetation from the cut and fill areas. This will all be removed and placed in a segregated area which will be shown to us by GMI. - The topsoil will then be removed and stockpiled in a designated area for future re-use. GMI to advise HBPLC the details on turning the topsoil. - No muck is to leave site. Any excess cut will also be stored in stockpiles for future re-use. - Once topsoil is removed, the cutting will commence. The dozer will follow the imported model and will cut the subsoil down layer by layer. The dozer will push the muck to the area between Plot 6 and Plot 8/9 where the muck will be loaded in moxys for distribution around Plot 8/9. - From there, another dozer will spread the subsoil in layers as per the cut and fill model. - The soil will be laid in 300mm layers for stabilization to occur. Each layer will be surveyed and recorded by the onsite engineer. Please refer to Stabilization RAMS for details. - This process will repeat until the soil has reached the correct levels on both sites. - Any excess soil will be stockpiled on site.
4.3	ACCESS/EGRESS:	Access to site as per GMI logistics plan
4.4	WELFARE FACILITIES:	All welfare facilities will be provided for by the Principal Contractor

5.0	RESOURCES, RESTRICTIONS & OTHER CONSIDERATIONS		
5.1	PERSONS REQUIRED:	ROLE	TYPE
		Plant Operators	CPCS & CSCS
		Supervisor/Qualified CAT Scan Operative groundworkers	CSCS
5.2	PLANT/EQUIPMENT/TOOLS:	13-22ton 360 x 1-3 6-9 ton dumper x 2-3 Dozer x2 Moxys x5 Bomag Roller eCAT4 or RD7000+ & RD7100	
5.3	MATERIALS:	Site won materials to be used everywhere	

5.4	STORAGE OF TOOLS & MATERIALS:	All plant/materials will be stored in Harringtons cordoned off area. Keys removed and held by the site supervisor in the site offices. As per GMI minimum standard
5.5	TECHNICAL INFORMATION/ Drawings etc:	Service Route drawings will be issued prior to commencement of work. Site Logistic Plan
5.6	HOUSEKEEPING:	All materials will be single stacked safely within the confines of Harrington cordoned off area. As per GMI minimum standards
5.7	WASTE REMOVAL:	A general waste skip will be utilised for these enabling works to deal with any waste as it will be minimum at this stage.
5.8	ENVIRONMENTAL:	1. All fuelling will be carried out from the double bunded fuel Bowser. Drip trays will be used when refuelling takes place, a spill kit will be provided in close proximity to the refuelling point. As per GMI minimum Standard 2. All relevant Coshh information will be fixed in place, As per GMI minimum standard 3. Refuelling points are to have both fire extinguishers and spill kits at the point of discharge. As per GMI minimum standards 4. Refuelling points are to be surrounded by a HERAS fence which is lockable, with a sign displaying "Harringtons Refuelling point". As per GMI minimum standard 5. A duty of care/waste transfer note will be completed and issued to each vehicle leaving the site with special waste. WTN's details will include: a. Vehicle registration number b. Driver's name c. Time of entering and leaving the site d. Description of waste e. Disposal facility 6. Copies of any Waste Transfer Notes will be retained on site and may be inspected by the Client or his appointed representative at any time. 7. A jet was will be used to clean the roads of dirt. 8. All road gullies and inverts will be protected with the "Witch Hat" to prevent silt from entering the water course. 9. Spill kits will be provided close to the bunded fuel Bowser and drip trays will also be provided for all static plant and refuelling 10. All waste will be segregated in accordance with the PC SWMPS
5.9	ARCHEOLOGY ISSUES.	11. Any on site pumping of rainwater will be filtered prior to disposal over remaining existing ground or in to surface waters once permit is obtained. As per GMI minimum standard

		SHOULD ANYTHING UNEXPECTED OR HISTORICAL ARTEFACTS BE NOTICED DURING EXCAVATION WORKS, THEN STOP WORKS AND INFORM THE SITE MANAGEMENT TEAM, BEFORE AWAITING FURTHER INSTRUCTION
--	--	---

6.0	RISK MANAGEMENT					
6.1	RISK ASSESSMENTS ATTACHED:	As per document				
6.2	COSHH:	Full COSHH folder available in site office.				
6.3	MANUAL HANDLING:	All heavy lifting by mechanical means, general small tools and plastic pipework, see RA's.				
	Can MH be avoided?	No				
	Are the operatives trained in MH?	Yes				
	Are the MH risk assessments attached?	NO, MH will be avoided by maximum use of the excavator to enable lifting of materials and equipment.				
6.4	NOISE/DUST/VIBRATION:	360T plant noise and associated vibration noise				
	Are there Risk Assessment attached?	Yes				
6.5	HAVS ASSESSMENT	Type of Plant	Vibration Magnitude M/s²	**EAV 2.5 A(8)	***ELV 5 A(8)	Risk Factor
	Exposure action value *Exposure limit value	Stihl TS410 Disc Cutter	3.9	4hrs	>8hrs	Low
	A(8) = in an 8 hour shift	Plate Compactor	1.4	>8hrs	>8 hrs	LOW
	We will monitor the HAVS via Reactec monitoring watches, this works via a module similar to a watch that monitors the exposure of an operative and advises them of their exposure limit via a traffic light system, this also produces a record for us to download via our Safety Manager Where practicable, eliminate the need for using Vibrating Power Tools by adopting another practices If HAVS Reactec is not available the method below will be adopted 1. If avoidance is not practicable, choose a tool that offers the least vibration level. 2. Identify the vibration levels of the tools to be used and calculate the maximum daily exposure time (trigger time) permitted for that tool. 3. Where necessary, rotate workers to reduce the risk of over exposure. 4. Implement an 'Exposure Register', using the HAVS Record Sheet, to log operator's exposure times.					

	5. Identify persons who have experienced symptoms before, these are not be allowed to carry out the work. 6. If persons experience the symptoms during work, they should stop and inform their supervisor who must arrange for a health assessment to be carried out. 7. All work equipment to be checked by the operator prior to use and by a competent person at least weekly
6.6	OTHERS AFFECTED: Identify other persons that may be affected by the works being carried out. Other site trades and personnel. Will be protected by perimeter works fencing and signage. Pedestrian routes will be outside the area of works. At the vehicular crossover, deliveries will be escorted onto the site by Banksman.

7.0	PERMITS TO WORK	
7.1	PERMIT TYPES:	Permit to dig.
7.2	SPECIAL TRAINING:	N/A

8.0	PERSONAL PROTECTIVE EQUIPMENT	
8.1	MANDATORY SITE PPE:	Hi-vis, safety boots, safety glasses, hard hat and gloves.
8.2	TASK SPECIFIC PPE:	Safety goggles

9.0	EMERGENCY ARRANGEMENTS		
9.1	RESCUE:	As per Principal Contractors site induction	
9.2	ACCIDENTS/NEAR MISSES:	All accidents and near misses must be reported immediately to a manager or supervisor and the accident book filled in and sent back to the office	
9.3	FIRST AID (QUALIFIED PERSON):	NAME:	COMPANY:
		Brendan Kilgannon	HBPLC

10.0	TEMPORARY WORKS	
10.1	PEDESTRAIN / TRAFFIC REROUTING ARRANGEMENTS:	Information is to be provided at site induction by Principal Contractors and confirmed by Harringtons Builders PLC induction. (site plans have been developed and the information will be cascaded to the operatives at the site inductions)

HARRINGTONS BUILDERS PLC - METHOD STATEMENT

10.2	DETAILS OF PEDESTRIAN / TRAFFIC / REROUTING ARRANGEMENTS:	Information is to be provided at site induction by Principal Contractors and confirmed by Harringtons Builders PLC induction. (site plans have been developed and the information will be cascaded to the operatives at the site inductions)
10.3	FORMWORK/FALSEWORK/Sheet Piles:	N/A
10.4	SPECIFIC FIRE SAFETY ARRANGEMENTS:	Information is to be provided at site induction by Principal Contractors and confirmed by Harringtons Builders PLC induction.
10.5	RESPONSIBILITY FOR TASK LIGHTING:	The PC will be responsible for all temporary access lighting. Task lighting will be the responsibility of all sub contractors

11.0	MONITORING & REVIEWING				
11.1	PERSON RESPONSIBLE FOR MONITORING SAFE SYSTEM OF WORK AND ENSURING COMPLIANCE:	NAME	JOB TITLE	CONTRACTOR	CONTACT NO
		Dan Howlin	Project Manager	Harringtons	07393 460405
		Brendan Kilgannon	Site Foreman	Harringtons	07960 191850
		Scott Carr	H&S Manager	Harringtons	07964 845507
		Stephen Archer-Hind	PC Project Manager	GMI	07977 155505
11.2	REVIEW DATE / SCHEDULE:	Ongoing			
11.3	AMENDMENTS AUTHORISED BY:	Dan Howlin			
11.4	AMENDMENTS COMMUNICATED TO:	Principal Contractors Management/Harrington Operatives			

12.0	COMMUNICATIONS	
12.1	TO WHOM THE INFORMATION / WILL BE COMMUNICATED AND HOW? (TO INCLUDE NON ENGLISH SPEAKING OPERATIVES):	All operatives carrying out the works are to have this method statement communicated to the by means of inductions, method statement briefings and tool box talks. If required interpreters are to be utilised to ensure that this method statement is communicated in the native tongue of the workforce.

HARRINGTONS BUILDERS PLC - METHOD STATEMENT

[illegible]

Environmental Impacts & Aspects

Environmental Aspect	Environmental Effects	Control Measures	I	I	F	Score	Level of significance
Use of plant and equipment	Noise resulting in nuisance to neighbours, or disturbance to wildlife. Dust creation during operations & when moving over unmade ground, resulting in potential harm to human health or damage/ disturbance of wildlife. Potential to create ground/groundwater pollution through leaking equipment when working on unmade ground. Use of fossil fuels	Monitor noise (if required); use baffles, silencers, acoustic screening. Maintain equipment to ensure efficient operation. Adhere L.A Section 60 agreement. Damp down when working in dry conditions and/or open areas Drip trays to be used under all mobile (diesel powered) plant. Spill kits to be available in areas where plant is being used, and operatives trained to use them properly. Maintain equipment; repair leaks immediately Ensure machines are turned off when not being used Maintain and inspect on a frequent basis	4	5	5	100	High
Use of electricity	Use of natural resources	Switch off all un used electrical equipment even when in standby mode Only use energy efficient equipment	3	5	5	75	Medium
Delivery of Concrete to Site (via vehicle)	Groundwater/local watercourse pollution through washing-out of delivery chutes, etc.	Delivery vehicles to wash out in designated areas ONLY. Wash out areas to be designed & used in accordance with Environment Agency guidance.	3	4	5	60	Medium
Storage of Fuels & Chemicals	Ground/groundwater pollution through accidental spillages, leaking bowzers, and damaged drums.	Drums to be banded. Make spill kits available; train operatives to use them properly. Make bulk fuel bowzers double-skinned. Padlock bulk fuel bowzers at all times, establish controlled access.	4	4	5	80	High
Generation & Handling of Waste (non-hazardous)	Increase in the use of landfill space, resulting in the production of landfill gas & leachate.	Provide specific containers to prevent contamination of non-hazardous and hazardous materials. Store construction materials properly to prevent damage & unnecessary waste. Use licenced waste carriers only. Use licenced waste management facilities only (e.g., tips, waste transfer stations). Complete waste transfer notes for every waste consignment, with reference to EU waste codes. Sheet waste loads before leaving site to prevent escape of wastes on the highways etc.	4	5	5	100	High
Generation & Handling of Waste (hazardous).	Increase in the use of hazardous landfill space, and the potential to contaminate non-hazardous wastes, thus rendering them hazardous.	Provide specific containers to prevent contamination of non-hazardous and hazardous wastes. Use licenced waste carriers only. Use licenced waste management facilities only (e.g., tips, waste transfer stations). Waste consignment notes to be completed for every waste consignment, with reference to EU waste codes. Sheet waste loads before leaving site to prevent the	4	5	5	100	High

HARRINGTONS BUILDERS PLC - METHOD STATEMENT

		escape of wastes on the highways etc.					
Use of Temporary Lighting	Potential to cause disturbance to neighbours (& wildlife) through inappropriate placement of temporary lights	Ensure all temporary lights are sited to prevent causing disturbance to neighbouring premises. Only use energy saving neon tube lighting	4	5	3	60	Medium
Use of Water	Wastage of water can cause drought.	Ensure all taps are turned off All leaks to be reported to the owner of the services.	4	5	5	100	High

Importance x Influence x Frequency = score

Importance	
Score	Description
1	None or insignificant contribution to environment
2	Minor contribution to environment
3	Moderate contribution to environment
4	Major contribution to environment
5	Very relevant contribution to environment

Influence	
Score	Description
1	Mainly outside the control of the company
2	Minor influence
3	Medium influence
4	Major influence
5	Direct Control

Frequency	
Score	Description
1	Over three years to never
2	Every year to once every three years
3	Every month to once every year
4	Every week to once every month
5	Every week to once a month

Score	Level of Significance
1 -> 14	LOW
15 > 79	MEDIUM
80 > 125	HIGH

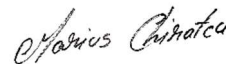
	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 030
		Client: GMI	Rev: 001
		Activity: COMPACTING FILL MATERIALS	Date: 11/03/24

ACTIVITY: COMPACTING FILL MATERIALS										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	☒	THIRD PARTY	☒	VEHICLE	☐	PLANT	☐	PROPERTY	☐	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
030	Work equipment/loads striking traffic or pedestrians	Death or serious injury to the workforce, local pedestrians and vehicles	1 x 5 = 5 MEDIUM	- Ensure that loads being carried are secure and are not likely to move during the lift. - Ensure that operatives are trained in correct slinging technique. - Ensure that all lifting equipment & accessories have been thoroughly examined and certificates issued. - Ensure that lifting equipment is inspected daily before use & weekly by a competent person, weekly inspections to be recorded. - Provide an exclusion zone for the work operations. - Training of all operatives involved in the compaction process and any related emergency requirements.	1 x 4 = 4 LOW
	Exposure to excessive noise / vibration	Serious over exposure to vibrating equipment leading to potential HAVS	2 x 4 = 8 MEDIUM	- Exposure times are to be monitored and restricted where necessary. - Regular rotation of operatives to minimise exposure. - Ensure that the correct level of SNR hearing protection is issued and worn. - A planned preventative maintenance system shall be implemented whereby all equipment shall be regularly inspected, tested and maintained in accordance with manufacturers recommendations. - Waste is to be removed to designated contaminated waste areas on a daily basis. - Training of all operatives involved in the compaction process and any related emergency requirements.	1 x 4 = 4 LOW
	Loss of plant control	Death or serious injury to the workforce, local pedestrians and vehicles	1 x 5 = 5 MEDIUM	- All equipment to be maintained, used and stored as recommended by the manufacturer. - A weekly register of equipment inspection must be recorded. - Only trained and qualified operators to use equipment. - Speeds to be kept low. - Operators to take frequent rest breaks. - A planned preventative maintenance system shall be implemented whereby all equipment shall be regularly inspected, tested and maintained in accordance with manufacturers recommendations. - Training of all operatives involved in the compaction process and any related emergency requirements.	1 x 4 = 4 LOW
	Slips, trips & falls	Injury to the workforce and or local pedestrians.	1 x 4 = 4 LOW	- Ensure the area of operations is well lit. - Ensure the area of operations has no obstructions, to prevent against tripping / falling hazards. - Good housekeeping is maintained throughout the operation, with materials and equipment placed in storage at the end of each shift. - Training of all operatives involved in the compaction process and any related emergency requirements.	1 x 3 = 3 LOW
	Accidental contamination	Environmental contamination to the local environment.	1 x 4 = 4 LOW	- Operatives are to wear personal protective equipment that is Impervious against substances / materials being utilised - Contaminated PPE to be disposed of as contaminated waste. - Training of all operatives involved in the compaction process and any related emergency requirements. - Personal hygiene instruction including regular hand washing and provision of barrier creams.	1 x 3 = 3 LOW

Date	Doc ID	Version	Page 1 of 2	Date Printed
1 st of March 2023	OHS RA-002/030	001		11-Mar-24
Process Owner:	Scott Carr	Deputy Process Owner:	Marius Chiratcu	

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 030
		Client: GMI	Rev: 001
		Activity: COMPACTING FILL MATERIALS	Date: 11/03/24

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	<u>Immediate</u> Action plan to progress reduction
	2	<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
	1	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	<u>Progressively</u> Review risk & existing controls
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.	<u>Continually</u> Monitor risk and existing controls
		<u>Negligible</u> = Very minor, little consequence.	1				
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				
Approved by:	Scott Carr (Director of Health, Safety & Env)		Signature:				
Review date:	15 th September 2023						

Date	Doc ID	Version	Page 2 of 2	Date Printed
1 st of March 2023	OHS RA-002/030	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 003
		Client: GMI	Rev: 002
		Activity: DELIVERIES TO SITE	Date: 11/03/24

ACTIVITY: DELIVERIES TO SITE										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	✓	THIRD PARTY	✓	VEHICLE	✓	PLANT	✓	PROPERTY	✓	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
003	Contact with overhead power cables.	Electrocution, damage to overhead cables, loss of power to services.	1 x 5 = 5 Medium	- Site is to be surveyed and vehicle routes planned to avoid danger to pedestrians, contact with buildings, structures or overhead power lines and to be cleared of all excavations. - Barriers and notices will be erected at overhead power lines to warn of dangers. - Raised protective measures must be placed either side of the overhead cables to reduce the potential for striking. - Tipping vehicles will not move with the body raised. - Vehicle operating areas and traffic routes will be clearly signed and fenced off where practicable. - Visiting drivers will be briefed on site rules and hazards. - Signs requesting visiting drivers to report to the site office will be displayed. - Traffic Marshal is to be provided for all reversing vehicles	1 x 4 = 4 Low
	Causing collapse of or falling into excavations.	Damage to excavations, damage to vehicles, damage to equipment and injury to personnel.	1 x 5 = 5 Medium	- Suitable fencing should be provided around excavations; where necessary exclusion zones may be placed to prevent the excavation collapsing. - Banks man must be provided where drivers do not have clear vision. - If vehicles are required to attend near excavations, they must be provided with fencing, which are placed at least the depth of the trench away from its edge. - Stop blocks are to be used if the above control measure cannot be met. - Traffic Marshal is to be provided for all reversing vehicles	1 x 4 = 4 Low
	Collision with other vehicles.	Damage to vehicles, personal injury to drivers and potentially others surrounding area.	1 x 5 = 5 Medium	- All employed and contract drivers will hold a current driving license and be trained in site and plant awareness. - Vehicles intended for use on the public highway will comply with the current licensing requirements. - Where audible warnings are not fitted to vehicles, banks man will be used to give warnings to others when vehicles are reversing. - Traffic Marshal is to be provided for all reversing vehicles APPLICABLE ONLY TO PROJECT 423 EECC, Eastbourne – Under no circumstances are any vehicles to block the BLUE LIGHT vehicles route.	1 x 4 = 4 Low
	Collision with structures.	Damage to structures, personal injury to drivers and potentially others surrounding area.	1 x 5 = 5 Medium	- Where audible warnings are not fitted to vehicles, banks man will be used to give warnings to others when vehicles are reversing. - Speed restrictions will be displayed and enforced as necessary. - Traffic Marshal is to be provided for all reversing vehicles	1 x 4 = 4 Low
	Collision with pedestrians.	Personal injury to pedestrians and potentially the driver.	1 x 5 = 5 Medium	- Gate men are to ensure that the access gates are kept closed. - Vehicles for use on public highways will comply with the licensing requirements. - Speed restrictions will be displayed and enforced as necessary. - Gatemen are to ensure the safety of the general public prior to release from site.	1 x 4 = 4 Low

Date	Doc ID	Version	Page 1 of 4	Date Printed
23-Aug-23	OHS RA-002/003	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

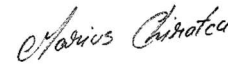
	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 003
		Client: GMI	Rev: 002
		Activity: DELIVERIES TO SITE	Date: 11/03/24

				- Traffic Marshal is to be provided for all reversing vehicles - Vehicles and pedestrians are to be segregated by suitable fencing at all times.	
	Overturning.	Personal injury to the driver/ operators.	1 x 5 = 5 Medium	- Drivers will ensure loads are placed evenly in vehicles and that the vehicle is not overloaded. - Traffic Marshal is to be provided for all reversing vehicles	1 x 4 = 4 Low
	Falls from vehicle	Personal Injury to delivery drivers	1 x 5 = 5 Medium	- Ensure footsteps to plant / machines / vehicles are clean of mud or grease. - Ensure 3 point of contact facing plant/ machine / vehicles when exiting. - Ensure safety boost are clean of mud or debris. - Watch for uneven surfaces, potholes or loose gravel when exiting the plant / machine / vehicles. - Watch out for protruding parts of the plant / machine / vehicle that could cause you to slip trip or fall including materials on back of vehicle. - If unloading site accommodation ensure safety block and harness is worn. - Ensure safety slotted barriers are in place around plant and vehicles. - Inform plant or transport dept. of any defects. - All drivers are to ensure that they use any and all steps, access equipment provided to access the load area. - Traffic Marshal is to be provided for all reversing vehicles - Personnel are not to ride on or work on any vehicle unless they are an authorised driver.	1 x 4 = 4 Low
	Vehicle Movement	Damage to other vehicles and or street furniture Injury to pedestrians Interface with vulnerable road users	1 x 5 = 5 Medium	- Road tanker fit for purpose and pre-shift checks completed - Driver fully qualified and experienced - Route risk assessments completed - Drivers briefed on safe access routes - Vehicle and driver managed to National and FORS standard - Driver complies with site safety rules - Vehicle accompanied by site personnel.	1 x 4 = 4 Low
	Transfer of fuel oil to onsite storage tanks	Loss of fuel.	1 x 4 = 4 LOW	- Transfer hoses inspected and safely routed to tank - Hoses coupled using screw on connectors - Driver checks hose connections prior to transfer operation - Driver checks to ensure receptor tank has enough capacity to avoid overspill - Driver constantly monitors fuel transfer process for leaks and overspill - Driver ensures hose is empty before disconnecting them - Hoses are stored securely on vehicle - Spill kit immediately available from vehicle - Spills captured and cleaned immediately	1 x 3 = 3 LOW
	Pedestrian movement adjacent to fuel storage area.	Danger of injury to pedestrians Slips, trips and falls Vehicle exhaust fumes	1 x 4 = 4 LOW	- Authorised persons only in fuel storage area - Guide used for reversing where provided by site - Good housekeeping standards practiced - Avoidance of hoses across walkways	1 x 3 = 3 LOW

Date	Doc ID	Version	Page 2 of 4	Date Printed
23-Aug-23	OHS RA-002/003	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 003
		Client: GMI	Rev: 002
		Activity: DELIVERIES TO SITE	Date: 11/03/24

	Access to filler point on bulk storage tank	Falls from height	1 x 4 = 4 LOW	- Vehicle parked in open area and engine turned off when practicable - All tanks are at ground level	1 x 3 = 3 LOW
	Transfer of flammable liquid from Road Tanker to Bulk storage Tank	Fire Explosion	1 x 5 = 5 Medium	- Fuel oil has high flash point c55 degrees centigrade - Fuel transferred in open air to avoid an explosive atmosphere build up - No sources of ignition within 5 metres of transfer area - Road Tanker fit for purpose - Storage tanks banded to prevent mass spillage - Fire extinguisher on vehicle - Driver competent in transfer safety	1 x 4 = 4 LOW
	Visibility of delivery drivers	Personal injury	1 x 5 = 5 Medium	Delivery drivers must be in possession of full 5 point PPE if exiting the vehicle – Delivery companies must be notified are to be notified regularly regarding this requirement.	1 x 4 = 4 LOW
	Falls from height (delivery drivers)	Personal injury	1 x 5 = 5 Medium	If required to access rear of delivery vehicle then fall prevention system must be in place i.e railings	1 x 4 = 4 LOW

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	<u>Immediate</u> Action plan to progress reduction
	2	<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
	1	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	<u>Progressively</u> Review risk & existing controls
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.	<u>Continually</u> Monitor risk and existing controls
		<u>Negligible</u> = Very minor, little consequence.	1				
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				

Date	Doc ID	Version	Page 3 of 4	Date Printed
23-Aug-23	OHS RA-002/003	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 003
		Client: GMI	Rev: 002
		Activity: DELIVERIES TO SITE	Date: 11/03/24

Approved by:	Scott Carr (Director of Health, Safety & Env)	Signature:	
Review date:	23-Aug-24		

Date	Doc ID	Version	Page 4 of 4	Date Printed
23-Aug-23	OHS RA-002/003	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 047
		Client: GMI	Rev: 001
		Activity: DUMPER DRIVING	Date: 11/03/24

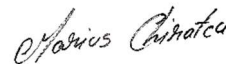
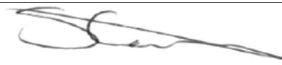
ACTIVITY: DUMPER DRIVING										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	✓	THIRD PARTY	✓	VEHICLE	✓	PLANT	✓	PROPERTY	✓	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
047	Overturning of dumper.	Injury to personnel, damage to equipment, vehicles, materials and structures.	1 x 5 = 5 Medium	- Equipment to be chosen with regard to ground conditions and local requirements. - The overturning moment of the dumper is to be checked in the vehicle manufacturer's instructions and communicated to any and all drivers. - Drivers are to be checked for the correct level of training to operate a dumper. - All seat belts must be in working order, and worn by the driver at all times. - All pins and bolts to retain the "roll bar" are to be in place at all times unless risk assessment is provided to remove "roll bar". - Planned servicing applies to dumpers. - Drivers are to report all defects on the equipment to the HBPLC Site Manager. - Servicing schedule must be current for machine. - Inspection register must be completed. - It is essential that the tyres are checked regularly. - Machines must not be refuelled whilst the engine is running. - Vehicles must be checked before drivers use them and secured after use. - Ensure site speed restrictions are imposed. - Noise levels to be monitored as required. - If a side tipping Dumper is used care is to be taken to discharge the load slowly and evenly to reduce potential for tipping the Dumper - Ensure that dumper is not overloaded. - Operator must turn off the dumper when leaving the seat. - Operator must be certified as fit to work - Dumper is never to be left unattended when running. - Dumper operator is not to tip any load unless the dumper is stationary. - Stop blocks are to be provided at the edges of all excavations into which the Dumper could fall. - All dumper drivers are to wear key fobs which ensure that the driver removes the key once he steps of the machine.	1 x 4 = 4 Low
	Materials or equipment dropping from dumper bucket.	Injury to personnel, damage to equipment, vehicles, materials and structures.	1 x 5 = 5 Medium	- All loads within the dumper are to be distributed evenly. - Wheels stops are to be provided where there is potential for the dumper to fall into an excavation. - Operator is to leave the seat of the Dumper at all times when being loaded (unless a cab is provided) - Do not leave engine running when in proximity to trench works due to fumes going into trench. - Ensure that supervision is adequate when loading the dumper. - Operator must be qualified to drive and operate the dumper.	1 x 4 = 4 Low
	Persons struck by dumper.	Injury to personnel.	1 x 5 = 5 Medium	- All machines are to be immobilised immediately the driver of the vehicle leaves the driving seat. - Other workforce and pedestrians are to be segregated for the routes which the dumper will drive. - No persons are allowed to stand or work within 2m without permission from the driver. - Ensure site speed restrictions are imposed.	1 x 4 = 4 Low

Date	Doc ID	Version	Page 1 of 2	Date Printed
1 st of March 2023	OHS RA-002/047	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 047
		Client: GMI	Rev: 001
		Activity: DUMPER DRIVING	Date: 11/03/24

Restriction of drivers' vision.	Injury to personnel, damage to equipment, vehicles, materials and structures.	1 x 5 = 5 Medium	- A banks man is to be used where a driver's vision is impaired, or he is operating in a congested area. - Large dumpers must be guided when traveling in a confined area or around people. - Ensure site speed restrictions are imposed. - Dumpers over 5 ton are to be fitted with anti-collision warning device.	1 x 4 = 4 Low
Structure struck by dumper.	Damage to structures.	1 x 4 = 4 Low	- Ensure site speed restrictions are imposed. - Large dumpers must be guided when traveling in a confined area or around people.	1 x 3 = 3 Low
Equipment struck by dumper.	Damage to equipment.	1 x 4 = 4 Low	- Dumper operator under NO CIRCUMSTANCES is attempt to operate the machine unless he is sat in the driving seat. - Ensure site speed restrictions are imposed.	1 x 3 = 3 Low
Person falling from dumper.	Injury to personnel.	1 x 5 = 5 Medium	- All Dumper drivers are to ensure that the steps onto and off the machine are kept clean and free of mud and other materials which may lead to a slip. - Seat belt to be worn at all times. - ROP's must be in place, unless specific risk assessment allows removal.	1 x 4 = 4 Low

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	Immediate Action plan to progress reduction
	2	<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
	1	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	Progressively Review risk & existing controls
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.	Continually Monitor risk and existing controls
		<u>Negligible</u> = Very minor, little consequence.	1				
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				
Approved by:	Scott Carr (Director of Health, Safety & Env)		Signature:				
Review date:	15 th September 2023						

Date	Doc ID	Version	Page 2 of 2	Date Printed
1 st of March 2023	OHS RA-002/047	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

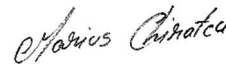
	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 025
		Client: GMI	Rev: 002
		Activity: DUMPERS skip loading operations	Date: 11/03/24

ACTIVITY: USE OF SKIP LOADING DUMPERS										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	☒	THIRD PARTY	☒	VEHICLE	☐	PLANT	☐	PROPERTY	☐	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
25	Overturning of machine.	Death or serious injury to driver, damage to equipment, materials and property	1 x 5 = 5 MEDIUM	- Equipment chosen with regard to ground conditions and local requirements. - Planned maintenance programme applies. - Thorough examination certificate must be current for machine. - A thorough check of the work area must be made to ensure that all clear around the dumping area is provided. - Do not overload the dumper. Apply parking brake, ensure in neutral and ensure dumper is on level hard ground. - Do not load a partially tipped skip. - Do not carry passengers on the dumper. - Dumper must be driven at speeds which allow full control of the vehicle at all times. - Hand brake to be applied whenever the dumper is stationary. - Do not drive with the bucket in the tipped position. - Provide stop blocks if tipping into excavation. - Inspection register must be completed - Travel and operators on a gradient must be controlled to ensure machine stability. - A banks man is to be used where a driver's vision is impaired, or he is operating in a congested area. Large excavators must be guided when traveling in a confined area or around people. - Machines must not be refuelled whilst the engine is running. - Vehicles must be checked before drivers use them and secured after use. - Ensure site speed restrictions are imposed. - Noise levels to be monitored as required. - All machines are to be immobilised immediately the driver of the vehicle leaves the driving seat.	1 x 4 = 4 LOW
	Materials or equipment dropping from shovel or bucket.	Death or serious injury to site personnel, damage to equipment, materials and property	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Persons struck by machine.	Death or serious injury to site personnel	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Restriction of drivers' vision.	Death or serious injury to site personnel, damage to equipment, materials and property	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Structure struck by machine.	Damage to equipment and property	1 x 4 = 4 LOW		1 x 3 = 3 LOW
	Equipment struck by machine.	Damage to equipment	1 x 4 = 4 LOW		1 x 3 = 3 LOW

Date	Doc ID	Version	Page 1 of 2	Date Printed
26/07/2023	OHS RA-002/025	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 025
		Client: GMI	Rev: 002
		Activity: DUMPERS skip loading operations	Date: 11/03/24

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	<u>Immediate</u> Action plan to progress reduction
		<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
	2			MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	<u>Progressively</u> Review risk & existing controls
		<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3				
	1		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.
	<u>Negligible</u> = Very minor, little consequence.	1					
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				
Approved by:	Scott Carr (Director of Health, Safety & Env)		Signature:				
Review date:	15 th September 2023						

Date	Doc ID	Version	Page 2 of 2	Date Printed
26/07/2023	OHS RA-002/025	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 013
		Client: GMI	Rev: 002
		Activity: EXCAVATIONS AND PROBING	Date: 11/03/24

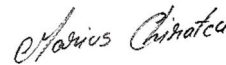
ACTIVITY: EXCAVATIONS AND PROBING										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	✓	THIRD PARTY	✓	VEHICLE		PLANT		PROPERTY		LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
13	Collapse of the sides of the excavation	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM	- All trench support systems must be installed as per TW design - Trench boxes to have suitable hand rail systems attached - Ladder access platforms must be in place with a tied off ladder - Suitable access to the area of the excavation must be in place i.e access steps for operatives if sloped ground - Sufficient numbers of trained operatives and competent supervision must be available before work. - Suitable and sufficient plant must be available for trench support before work commences. - Suitable monitoring equipment and personnel trained in its use will be required where known exposure to toxic substances or lack of oxygen may occur. - Location of existing services must be completed before work commences also information on ground conditions. - Cable location equipment and local authority drawings to be utilized to trace buried cables. - Sides of excavation must be supported where there is a risk of collapse. - Where flooding risk occurs, cofferdams / caissons to be installed with pumps of suitable capacity. - Substantial barriers to be erected around excavations. - Where poor ventilation is identified the atmosphere will be continually monitored.	1 x 4 = 4 LOW
	Striking existing services	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Persons falling into excavations	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Plant & materials falling into excavations	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Flooding of excavations	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Presence of hazardous atmospheres	Death or serious injury to the workforce	1 x 5 = 5 MEDIUM		1 x 4 = 4 LOW
	Presence of contaminated soil	Possible skin contamination to persons	1 x 3 = 3 LOW		1 x 2 = 2 LOW

Date	Doc ID	Version	Page 1 of 3	Date Printed
26/07/2023	OHS RA-002/013	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 013
		Client: GMI	Rev: 002
		Activity: EXCAVATIONS AND PROBING	Date: 11/03/24

			- Stop blocks to be used to prevent vehicle entry. - Safe access and egress is to be provided and maintained. - Suitable signs and barriers to be provided to warn of the work which is being undertaken. - Ensure safe systems of work, taking account of the prevailing conditions including weather, traffic and existing structures. - Inspect supported excavations before work commences each day and complete the necessary register. - Ensure personnel elected are capable, fit and experienced. - CoSHH assessments are to be made available for substances likely to be found or produced during the work.	
--	--	--	---	--

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	<u>Immediate</u> Action plan to progress reduction
	2	<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
	1	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	<u>Progressively</u> Review risk & existing controls
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.	<u>Continually</u> Monitor risk and existing controls
		<u>Negligible</u> = Very minor, little consequence.	1				
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				
Approved by:	Scott Carr (Director of Health, Safety & Env)		Signature:				

Date	Doc ID	Version	Page 2 of 3	Date Printed
26/07/2023	OHS RA-002/013	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 013
		Client: GMI	Rev: 002
		Activity: EXCAVATIONS AND PROBING	Date: 11/03/24

Review date:	15 th September 2023
--------------	---------------------------------

Date	Doc ID	Version	Page 3 of 3	Date Printed
26/07/2023	OHS RA-002/013	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 009
		Client: GMI	Rev: 001
		Activity: EXISTING UNDERGROUND SERVICES	Date: 11/03/24

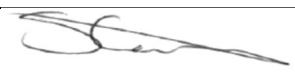
ACTIVITY: EXISTING UNDERGROUND SERVICES										RISK RATING	
Activity affecting (Tick appropriate box)	EMPLOYEE	✓	THIRD PARTY	✓	VEHICLE		PLANT		PROPERTY	✓	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
009	Contact with High & Low Voltage Cables, or Gas supplies.	Explosion or burns exposure to those conducting the dig. Disruption to local buildings and services	2 x 5 = 10 HIGH	- All work to be planned in advance. - Full details of underground services to be obtained in advance from the Principal Contractor or if working as Principal Contractor the relevant authority. - Full consultation will be held with the relevant authority to agree precautions to be carried out before work begins. - Site manager to ensure that services are located and marked before any work begins. - Plans and cable location equipment to be available and not to be assumed definitive. - Trial holes to be dug by vac-ex, air lance or revert to hand dig in agreement with the Principal Contractors to confirm locations, taking account of physical indicators such as junction boxes, manholes and ground conditions. - Lines and depths of services to be marked, using paint, wooden pegs, etc before work begins. - All services are to be assumed to be live until proven otherwise. - Services that cross over excavations are to be supplied with supports throughout their length. - Services in concrete are to be isolated where it is practicable, before the work begins. - Work is to be always supervised. - Permits to dig are to be obtained from the Principal Contractor or if working as Principal Contractor are to be provided. - Insulated tools are to be used for all hand digging. - Flame retardant coveralls are to be used when hand digging. - CAT & Genny are to be always in date with inspection. - No work to be conducted by mechanical means within 500mm of any known services locations. - The contents of the Permit to Dig (PC or HBPLC) is to be communicated to ALL Excavator Operators and to ALL Banksmen on the project. - Toolbox Talk "on the ground" is to be conducted by the HBPLC Site Manager on the locations on ALL known services around the works. - Any known electrical service which is categorised as over 600V is to be considered as high voltage and have a perimeter of 1m surrounding as protection "no dig" zone and can only be uncovered by either VacEx or Hand Dig. – NO MECHANICAL DIGGING ALLOWED.	1 x 5 = 5 MEDIUM

Date	Doc ID	Version	Page 1 of 3	Date Printed
10-Oct-23	OHS RA-002-009	002		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

Contact with High & Low Voltage Cables, or Gas supplies.	Poor Communication of Permit to Dig.	2 x 5 = 10 HIGH	- The Permit to Dig which is provided by either the client or by HBPLC (in house) is to be fully communicated to ALL HBPLC Excavator Operators and to ALL HBPLC Banksmen by the Senior HBPLC Manager on site at the time of issue. - The HBPLC Senior Site Manager is to "walk the ground" with ALL Excavator Operators and HBPLC Banksmen to review the exact locations of all known services locations. - The HBPLC Senior Manager is to ensure that all known services locations are FULLY Marked up with spray paint and are provided with adequate fencing to act as segregation from mechanical excavators.	1 x 5 = 5 Medium
Flooding from water services.	Flooding may cause damage to structures/materials & equipment	2 x 5 = 10 HIGH	- Pumps to be made available in preparation of potential flooding issues. - Flood protection measures to be considered when services are close to buildings. - Operatives to wear Wellington boots when working in flooded zones.	1 x 4 = 4 Low
Contact with sewage.	Exposure to untreated contaminated sewage	2 x 5 = 10 HIGH	- Operatives to wear full protective suit, eye protection, protective gloves and Wellington boots when working in zones contaminated with sewage. - Wash down facilities for those contaminated are to be provided. - Operatives working in open sewage chambers to be provided with the TBT covering Weill's Disease.	1 x 4 = 4 Low
Explosion or asphyxia from gas leak.	Explosion or asphyxia, causing injury	2 x 5 = 10 HIGH	- Where potential leak of noxious fumes or gases is likely then operatives are to have gas detection monitors on site. - Operatives are never to work alone. - RPE is to be provided to the operatives against the potential of asphyxiation where gas leaks are detected.	1 x 4 = 4 Low
Interface with fibre optic mains.	Damage to fibre optics	2 x 5 = 10 HIGH	Operatives are to wear required PPE.	1 x 4 = 4 Low
Damage to Services by Tree Roots	Personal Injury, damage to Machinery and Equipment	2 x 5 = 10 HIGH	- All work to expose services around tree trunks or buried roots is to be planned by method statement and risk assessment. - All work around the area of a tree canopy or tree roots is to be planned by method statement and risk assessment. - Area of tree trunk / roots is to be fully and in detail scanned with both CAT & GENNY to ascertain the details of any services within the Tree Canopy cover. - No digging is to be undertaken to remove tree trunks or tree roots without a Permit to Dig being in place from either the client or our own Permit to Dig. - No digging is to be undertaken around tree roots or the tree canopy without permission being obtained from either HBPLC Director, HBPLC Contracts Manager or HBPLC Project Manager. - The use of Vacuum Excavation is to be the FIRST PRIORITY when digging to expose services around tree trunks or tree roots.	1 x 5 = 5 Medium

Date	Doc ID	Version	Page 2 of 3	Date Printed
23-Aug-23	OHS RA-002/009	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

LIKELIHOOD		SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period. Occasional = likely to occur at least once in relevant period. Remote = Unlikely to occur in the relevant period	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	Immediate Action plan to progress reduction	
		<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4					
	2	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	Progressively Review risk & existing controls	
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2					
	1	<u>Negligible</u> = Very minor, little consequence.	1	LOW	1-4	Low Risk: May be accepted if all reasonable practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, then it should be done.	Continually Monitor risk and existing controls	
Written by:		Marius Chiratcu (Health & Safety Advisor)					Signature:	
Approved by:		Scott Carr (Director of HSQE & Compliance)					Signature:	
Review date:		10-Oct-24						

Date	Doc ID	Version	Page 3 of 3	Date Printed
23-Aug-23	OHS RA-002/009	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 064
		Client: GMI	Rev: 001
		Activity: FALLS FROM PLANT MACHINES VEHICLES	Date: 11/03/24

ACTIVITY: FALLS FROM PLANT MACHINES VEHICLES						RISK RATING					
Activity affecting (Tick appropriate box)	EMPLOYEE	☒	THIRD PARTY	☒	VEHICLE	☐	PLANT	☐	PROPERTY	☐	LIKELIHOOD x SEVERITY

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
064	Falls from height from plant / machines / vehicles	Serious injury or fatality to employees as a result of falling form height from plant / machines / vehicles	1 x 4 = 4 LOW	- Ensure footsteps to plant / machines / vehicles are clean of mud or grease. - Ensure 3 point of contact facing plant/ machine / vehicles when exiting - Ensure safety boost are clean of mud or debris. - Watch for uneven surfaces, potholes or loose gravel when exiting the plant / machine / vehicles. - Watch out for protruding parts of the plant / machine / vehicle that could cause you to slip trip or fall including materials on back of vehicle. - If unloading site accommodation ensure safety block and harness is worn. - Ensure safety slotted barriers are in place around plant and vehicles. - Inform plant or transport dept of any defects. - DO NOT PLACE SHOVELS or any other type of equipment on the steps of your plant (dumper's excavator's / rollers'sc)	1 x 3 = 3 LOW

LIKELIHOOD	SCORE	SEVERITY OF: INJURY/DAMAGE OR LOSS	SCORE	RISK RATING		ACTION	TIMESCALE
Probably = likely to occur several times in the relevant period.	3	<u>Catastrophic</u> = Death or total systems loss	5	HIGH	10-15	Very High Risk: Not acceptable. Apply mitigation to eliminate or to further reduce the risk.	<u>Immediate</u> Action plan to progress reduction
Occasional = likely to occur at least once in relevant period.	2	<u>Critical</u> = Major injury or illness, Major damage, Major Environmental Impact.	4				
Remote = Unlikely to occur in the relevant period	1	<u>Serious</u> = Loss of time/injury/illness or damage, environmental impact.	3	MEDIUM	5-9	High Risk: Apply mitigation to eliminate or reduce the risk, and if it remains high risk, develop robust control measures to limit and manage the effects of any hazards.	<u>Progressively</u> Review risk & existing controls
		<u>Marginal</u> = First aid incident, routine maintenance, repair.	2	LOW	1-4	Low Risk: May be accepted if all reasonably practicable control measures are in place, however, if more can be done to reduce or eliminate the risk, it should be done.	<u>Continually</u> Monitor risk and existing controls
		<u>Negligible</u> = Very minor, little consequence.	1				
Written by:	Marius Chiratcu (Health & Safety Advisor)		Signature:				
Approved by:	Scott Carr (Director of Health, Safety & Env)		Signature:				
Review date:	15 th September 2023						

Date	Doc ID	Version	Page 1 of 1	Date Printed
1 st of March 2023	OHS RA-002/064	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu

	HARRINGTONS BUILDERS RISK ASSESSMENT	Contract: MIRA	RA Ref No: 076
		Client: GMI	Rev: 001
		Activity: FIRST AID	Date: 11 March 2024

ACTIVITY: FIRST AID							RISK RATING
Activity affecting (Tick appropriate box)	EMPLOYEE	✓	THIRD PARTY	✓	VEHICLE		LIKELIHOOD x SEVERITY
					PLANT		
						PROPERTY	

NUMBER	HAZARD	POSSIBLE CONSEQUENCES	PRE CONTROL	CONTROL MEASURES	POST CONTROL
076	Unable to treat a wound quickly may lead to further complications	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	- Suitable first aid boxes to be provided, to be marked and readily accessible. - This is located at the reception front desk. - First aid box stocks to be checked regularly by an "appointed person" and replenished accordingly.	1 x 4 = 4 LOW
	No one trained to summon professional help in an emergency may lead to further complications or a fatality	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	"Appointed persons" to be nominated in accordance with the Health and Safety (First Aid) Regulations 1981 (as a minimum). - Appointed person to be trained to summon for professional help (doctor, ambulance etc.) in the event of an accident or case of severe ill-health.	1 x 4 = 4 LOW
	No one available to offer immediate treatment in the case of an injured person or a person suffering from severe ill-health could lead to further complications or a fatality	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	- Where the first aid assessment indicates that a first aid person(s) should be nominated (either because of the risk level or the number of employees), then they should be both nominated and trained in accordance with the Health and Safety (First Aid) Regulations 1981. - Arrangements to be made for first aid cover if the first aid person is away.	1 x 4 = 4 LOW
	Injured person unable to self-administer basic first aid treatment leading to untreated wounds etc.	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	- A basic first aid kit to be provided for lone workers who work remote from the company base. - For lone workers within the company base ensure access to first aid kit is available. - Lone workers to be instructed on summoning for help in an emergency when any injury requires other than basic treatment (e.g. plaster or dressing for minor cuts and grazes etc.).	1 x 4 = 4 LOW
	No immediate treatment available in the case of an injured person or a person suffering from severe ill-health could lead to further complications or a fatality	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	- Appointed persons to be nominated from amongst the shift working staff to summon professional help in an emergency. - If work is of medium to high risk or staff numbers are high, then trained first aid personnel to be nominated for shift workers.	1 x 4 = 4 LOW
	Hazardous substances may cause ill-health or physical injury if they come into contact with staff	Those with personal injuries may suffer further complications	1 x 5 = 5 MEDIUM	- Special first aid facilities will need to be provided in these instances, e.g. eye wash facilities etc. - First aid personnel to be trained to deal with such situations.	1 x 4 = 4 LOW

Date	Doc ID	Version	Page 1 of 2	Date Printed
1 st of March 2023	OHS RA-002/076	001		11-Mar-24
Process Owner:	Scott Carr		Deputy Process Owner:	Marius Chiratcu