

Llwynderw Skatepark

OFF MUMBLES ROAD

WEST CROSS

SWANSEA

SA3 5AN

(80M FROM SITE)

PRE-CONSTRUCTION PHASE

HEALTH AND SAFETY PLAN

OCTOBER 2018





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1. Project Directory

Client	Mumbles Community Council
Telephone	01792 363 589
Email	council@mumbles.co.uk
Contact	Steve Heydon - Clerk
Contract Administrator	As Above
Telephone	
Email	
Contact	
Designers / Principle Contractors	Maverick Industries Ltd
Telephone	01202 607 475
Email	info@maverickindustries.co.uk
Contact	Sue Mitchener / Russ Holbert
H&S Contact	Mark Clogg – Maverick Industries Ltd
Telephone	01202 607473
Site Foreman	Rob Farrow – Maverick Industries Ltd
Telephone	07402 346 864
Safety Advisors	MSAFE Risk Management Ltd
Telephone	01202 470 050
Contact	Nathan Pitt BSc (Hons) CMiOSH MaPS ICIQB
Specialist Sub Contractor (Survey Work)	Dorset Land Surveying Ltd
Telephone	01202 896 481
Contact	Gary Vaughan Civil Engineer. BSc. Civil Engineering, MCIInstCES



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2. Project Details

2.1 Scope of Works

The project comprises of the following elements

Element of structure	Construction Method
Foundations and base structure	See Method statement for details
Concrete Ramp Sub Structure	See Method statement for details
Concrete facings	See Method statement for details
Other	See Method statement for details
Coping	See Method statement for details
Handrails	N/A on this project



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2.2 Site Specific Hazards

Hazards associated with the site include:

Work within a residential area adjacent to the public highway and occupied buildings

Work adjacent to recreational areas and children

Significant risk of unauthorised entry to site by trespassers

Summary of hazards associated with the project

Site Set Up	Site security, unauthorised access and use of the site compound and offices, plant machinery and temporary structures
Working at Height	Unloading from Lorries Setting up Ramps Forming Concrete Banks and bunds Working from ladders
Excavations and Foundations	Working close to existing services Deep excavations Working at excavation faces during blinding and re-bar phase
Manual Handling	Re-bar Ramp Components Blocks and Bricks
Traffic management	Adjacent roads may have many cars parked on same limiting visibility and manoeuvres

Hazards associated with the site include:

-Work within a residential area adjacent to the public highway and occupied buildings

-Work adjacent to recreational areas and therefore Children as well

-Significant risk of unauthorised entry to site by trespassers

-Restricted access to site by way of narrow roads, overhanging trees, gates and parked vehicles



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Photo of the site / Brief description of accessibility issues and obvious hazards

Site address: Llwynderw Skate Park, **off Mumbles Road, Mumbles, SA3 5AN.**

Access and egress from the site will be by the same route. Mumbles Road is very busy and it is imperative that banksmen are positioned to control the traffic in both directions when deliveries take place and when vehicles are exiting the site.

If we are chosen as the preferred contractor we will create a traffic management plan which takes in all known stipulations from Highways Agency as a planning condition - if any are stated.

To avoid damage to the grass a short temporary trackway is needed and is indicated below and on the last page Routing of delivery vehicles have them driving in and then turning around at the delivery point and driving straight out onto the road with the aid of two banksmen.

Members of the public are bound to be about so as usual we will require to be mindful of curious visitors and use banksmen for access and egress of delivery vehicles which will be restricted to crawling speed. Additionally, all vehicles visiting the site are required to travel at this speed and have hazard warning lights on for the duration of the drive. There is a point where a fall in road height of appx 1 metre appears over a distance of appx 20 to 30 m it is within the angles of acceptability for delivery vehicles. Trackway must not however be laid with excessive sideways angle.

A warning sign for pedestrians will be placed at the entrance of both our site and the access road. Additional warning signs will be placed on the perimeter fence. Site crew will informally direct the public away from site if appropriate.

The site shall be fenced in its entirety with herras fencing as shown on the final page.



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Photos of the route in



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3. Project Policy, Organisation and Arrangements

3.1 Project policy

It is the policy of Maverick on this project that all works shall be carried out with the minimum of risk to the health and safety of all persons employed and any other persons likely to be affected.

This policy covers all work being carried out within the scope and definition of the project and under the management, supervision, direction or control of the company. This will include sub-contractors and suppliers of plant, equipment, materials and labour employed on and for the purpose of the project works.

In order to achieve this objective, all work activities, work systems, plant, equipment and materials shall, so far as is reasonably practicable be planned, maintained and managed to reduce risks to health and safety to site staff and anybody else potential affected by site activities.

3.2 Organisation

It is the responsibility of the Directors to determine the organisation necessary to manage and supervise the works and to ensure that individual responsibilities are defined accordingly. In addition to any specific responsibilities warranted on account of the nature of the work being undertaken, a Site Manger must be appointed with overall responsibility for the supervision and co-ordination of the work.

3.3 Arrangements

The Site Health and Safety Plan has been prepared in order to identify the extent of the work to be carried out and the arrangements necessary to ensure the safe performance of the project. The plan also identifies the hazards involved in the execution of the works and the risk assessments which will need to be carried out in order to determine the control measures necessary to eliminate or minimise those risks.

Method statements and risk assessments must be submitted by all contactors and sub-contractors for checking prior to work commencing. Each contractor is responsible for ensuring the relevant information as required under Regulation 9 of the Management of Health and safety at Work Regulations is passed to those identified or considered to be at risk with copies to site. In carrying out the responsibilities of Principal Contactor, they will co-ordinate and where necessary, manage the arrangements currently in force so as to ensure that there is an integrated approach to Health and Safety on site.

Copies of Method Statements, Risk Assessments and relevant information notices shall be incorporated into a single file maintained on site.

The Site Foreman shall, as necessary review the plan so as to ensure that it is amended and updated to take into account of the changing circumstances of the project.

The plan specifies the arrangements for site induction training and safety awareness talks, which apply to all persons employed on the site including sub-contractor's personnel and site visitors. Full records must be kept of these activities and retained in the site safety folder.



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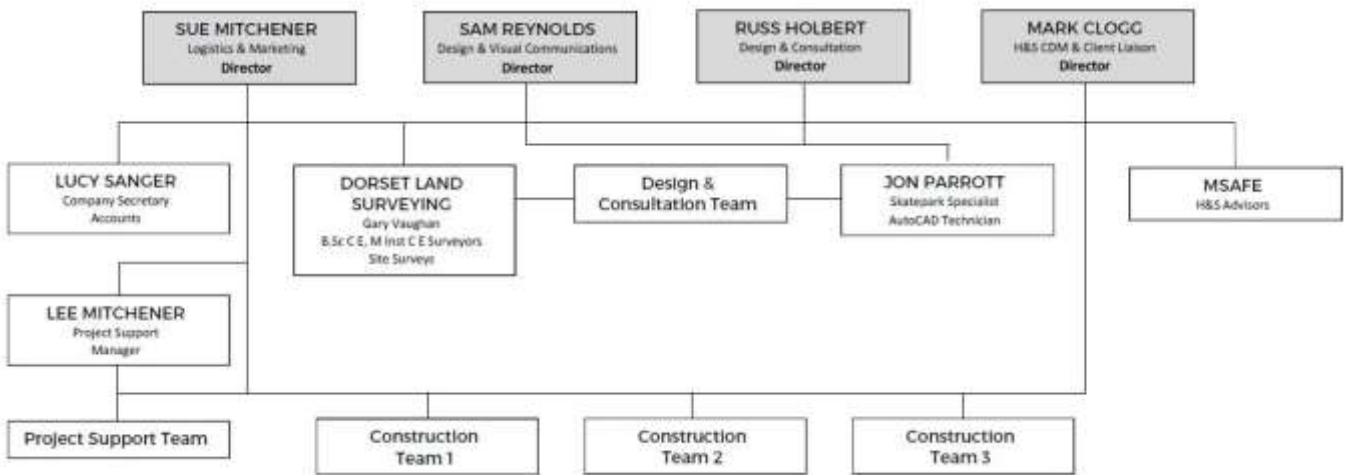


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3.4 Project Organisation



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3.5 Duties of Persons with specific responsibilities

Site Safety Supervisor:	<p>The Site Safety Supervisor will have overall responsibility for the safety, health and welfare, supervision and co-ordination of work.</p> <p>Specific responsibility: Site Foreman</p>
Induction Training:	<p>Induction training will be carried out for all operatives on site. They will be shown the site safety rules, be made aware of the location of the first aid facilities and identity of the site trained first aider. They will also be made aware of the emergency procedures and provision regarding fire safety and escape on site.</p> <p>Specific responsibility: Mark Clogg</p>
Lifting Co-ordinator:	<p>Responsibility for the organisation and control of crane lifting operations and will carry out the following duties:</p> <ul style="list-style-type: none">- Make assessment of all lifting operations.- Ensure adequate inspection / maintenance records of lifting plant and equipment.- Produce "Lifting Plan" and co-ordinate lifting operations by competent persons- Ensure that suitably trained and competent Slinger, Banksman and Crane Driver are provided. <p>Specific responsibility: Site Foreman</p>
Fire Safety Co-ordinator:	<p>It is this person's responsibility to ensure all arrangements set out in the Site Fire Plan are carried out and regular inspections of the site fire equipment recorded.</p> <p>Specific responsibility: Site Foreman</p>
First Aider:	<p>In the event of an accident the first aider will ensure the following:</p> <ul style="list-style-type: none">- Ensure, if required, transport is arranged to take the injured person to hospital.- Advise the injured person to make an appointment with their own doctor.- Ensure all details are entered in the accident book.- Inform the Head Office, if appropriate, to ensure that an accident investigation is undertaken. <p>Specific responsibility: Designated Site First Aider</p>



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3.6 Details of Inspections required on site

Site Safety Inspections	Safety inspections to be carried out as detailed in the Company Safety Policy. Construction Manager: Daily and Weekly
Excavations	To be inspected at the start of each shift and at least once a day while persons are employed therein and thorough examination must be carried out weekly and entered into the Excavation Register. Specific responsibility: Site Foreman
Lifting Appliances	To be inspected before use on site and every 7 days thereafter by a competent person. The inspection will be made in a register held on site and this will be inspected by the Site Manger to ensure that this is kept up to date. Specific responsibility: Excavator operator, Dumper Operator, Crane Operator, Telehandler Operator
Electric	Temporary electrics to be visually checked as part of the site inspections and a competent electrical contractor to carry out maintenance / test of equipment as required and issue certification accordingly. Subcontractors to ensure P.A.T portable appliance testing of their equipment is actioned and recorded. Specific responsibility: Site Foreman
First Aider	Responsible for ensuring the Fist Aid box is stocked and any items are replaced following removal. Specific responsibility: Designated First Aider
Principal Designer	Responsibility for H&S interface between client and contractor and enforcement of HSE directives Specific responsibility: Mark Clogg



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3.7 Specific Responsibilities

<p>Directors</p>	<ul style="list-style-type: none"> - Overall implementation and regular review of the Maverick Health and Safety Policy. - Providing sufficient resources for managing health and safety. - Ensuring legislative requirements are complied with. - Ensuring staff receive adequate information on the risks associated with their work, sufficient and suitable equipment, safe place of work, and training for health and safety. - Maverick Directors take responsibility for making adequate provision for health and safety. - Ensuring Site Foremen are aware of their responsibilities. - Ensuring Site Foremen undertake their health and safety duties. - Assessing the competence of contractors. - Coordinating safe systems of work. - Ensuring risk assessments are in place. - Ensuring sufficient and adequate facilities are supplied in relation to welfare and first aid. - Establishing the site rules in accordance with the Health and Safety Plan and Maverick's Health and Safety Policy.
<p>Construction Managers</p>	<ul style="list-style-type: none"> - Ensuring adequate resources for the site set up - Ensuring Site Foremen are aware of their responsibilities. - Ensuring Site Foremen undertake their health and safety duties. - Assessing the competence of contractors. - Coordinating safe systems of work. - Ensuring risk assessments are in place. - Ensuring sufficient and adequate facilities are supplied in relation to welfare and first aid. - Establishing the site rules in accordance with the Health and Safety Plan and Maverick's Health and Safety Policy.
<p>Site Foreman</p>	<ul style="list-style-type: none"> - Apply the risk control systems and workplace precautions applicable to works on site. Identify any health and safety deficiencies and bring them to the attention of the Directors. - Coordinating health and safety on site. - Ensure all operatives receive a site specific induction and have received the relevant training to ensure their competence. - Ensure all work equipment and PPE is maintained and used properly. Ensure users have received the appropriate training. - Monitor on-site safety and compliance with safety requirements through site inspections. - Report all accidents, occupational ill health and near misses to the Directors immediately and assist in the investigation of the same. - Conducting toolbox talks and safety inductions. - Ensuring safe systems of work are adhered to. - Ensuring that only authorised persons enter site.



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	<ul style="list-style-type: none">- Ensuring that welfare and first aid facilities provided remain in good order.- Enforcing the site rules in accordance with the Health and Safety Plan and Maverick Safety Policy.
Consultants	<ul style="list-style-type: none">- The designers are to make adequate provision for health and safety in their design in accordance with CDM 2015 regulations.- The designers are to forward any information in relation to significant health and safety hazards which have not been “designed out” in accordance with CDM 2015 regulations.
Contractors	<ul style="list-style-type: none">- Use all work equipment and PPE properly and in accordance with training received.- Report any safety deficiencies, accidents, cases of occupational ill health, near misses and horse play to the Site Manager, or if necessary the Directors.- Assist the Principal Contractor during investigations of accidents and safety related incidents.- Work safely at all times giving due consideration for the safety of others.- Notify the Site Foreman of safety training needs.- Assist the Principal Contractor in improving safety systems and performance through consultation, co-operation and communication.- Providing staff with sufficient, suitable and safe equipment to enable them to complete their tasks in a safe manner.- Provide risk assessments, COSHH assessments and method statements (if requested) to the Directors prior to the commencement of their works.



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3.8 Health and safety Goals

- No unauthorised access to site.
- Adequate hazard warning signage throughout the duration of the project.
- Adequate welfare facilities to be maintained throughout the duration of the project.
- No infringements on the site rules, Health and Safety Plan and Maverick' Health and Safety Policy.
- Clear and efficient communication between all parties.
- No major accidents / incidents during the project.
- All incidents and near misses to be recorded.
- High level of public protection to be provided at all times.
- No recurrence of breaches in safety legislation on subsequent safety inspections reports.

3.9 Site security

It is the Site Foreman's responsibility to ensure that the site is left in a safe condition at the end of each working day. However, we would ask all contractors to assist in this responsibility by re-clipping any heras fencing and reporting any areas where there is easy access to the site.

Where practicable excavations should be backfilled or barriered to enable any trespassers to see their location in poor light.

Ladders to scaffolding should be boarded or removed to restrict access.

All equipment to be left inoperable at the end of each working day

A final check of all the site perimeter fencing is to be made by the Site Foreman or his allocated member of staff prior to the site entrance being locked. This final check should also ensure the safe storage of materials which could become unstable during the night due to vandalism or adverse weather conditions.

3.10 Monitoring and Review of Site Safety Performance

The Site Foreman will be responsible for the management of health and safety on site. Any major incidents or issues that they have not been able to rectify will be reported to the Directors for further action. The Directors shall also visit site regularly and report findings to the Site Foreman.

Formal safety reviews will be held at defined intervals with the safety reports forming an integral part of the same. The review will serve to identify any trends and recurring beaches in Health and Safety legislation / best practice and will endeavour to ascertain what further control measures or training will be required to address the same.

The review will also serve to identify how sub-contractors have performed during the project and whether they should be re-appointed for further works.

The Site Foreman will be responsible for the management of health and safety on site. Any major incidents or issues that they have not been able to rectify will be reported to the Directors for further action. The Directors shall also visit site regularly and report findings Site consultation and communication regarding Health and Safety



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4. Site Consultation and communication regarding Health and Safety

4.1 Project Team

Progress meetings will be held during the course of the project with health, safety and welfare matters including those specific to CDM and design forming an important part of the agenda. These meetings will be attended by the Principal Contractor, Principal Designers and the Client and / or the Client's Representative.

Contractors / Employees

Works contractors are required to both provide any relevant information pertaining to health and safety at weekly meetings with the Principal Contractor and communicated information provided for them to their employees with regard to safety measures discussed.

Regular site safety meetings will be held by the Site Foreman and attended by representatives of site operatives and sub-contractors. During these meetings, relevant information pertaining to Risk Assessments and Safe Systems of Work will be discussed and future training requirements will be identified specific to the works.

Communication / Co-operation

Health and Safety matters will be discussed as part of the agenda at the regular Project Team meetings. The meetings will be attended by the Client and / or the Client's representative, Designers and the Principal Contractor.

These have been scheduled to take place fortnightly with site foreman and monthly with Maverick Management representative.

Continued liaison will include review of the Health and Safety Plan following any substantial design changes that may have potential Health and Safety implications. Consideration must be given to "design out" or at least minimise the risks associated with the same and introduce control measures in compliance with the CDM 2015 Regulations and good working practice.

The Principal Designer and where applicable any works contractors, must reassess the Health and Safety implications of any substantial design changes and introduce control measures accordingly.



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4.2 Continued Liaison: Principal Designers

Any substantial design changes shall be examined by the Designer(s) for Health and safety implications, hazards identified, risks assessed and consideration given to avoiding, minimising or controlling risks in accordance with CDM 2015 Regulations and the Approved Code of Practice.

Details of proposed substantial design changes must be submitted to the Principal Designer to ensure compliance with the Regulations.

The Principal Contractor shall re-examine the Health and Safety implications of any design changes and implement all necessary measures to mitigate any risks associated with the same.

Non – design generated work / site developments (which had not or could not have been envisaged) necessitating a revised approach, must be brought to the attention of and evaluated by the Designer(s).

The Designer's resolution of any such unforeseen circumstances

4.3 Selection and Control of Subcontractors

All subcontractors will be assessed for competence with specific reference to Health and Safety prior to their appointment. All sub-contractors will complete an assessment questionnaire prior to subcontract orders being placed. Orders will only proceed with contractors who satisfy all Health and Safety criteria applicable to the works.

4.4 Site Induction

All employees, sub-contractors and other visitors to site will receive a verbal induction prior to entering the workplace.

As part of the induction, all operatives will be made aware of the risk assessments and safe systems of work associated with their activities on site. Operatives will be required to read these documents and sign a copy of the induction form as confirm that they have read and understood the content of the same.

Inductions will include:

A	Senior management commitment to health and safety
B	The outline of the project
C	The individual's immediate line manager and any other key personnel
D	Any site-specific health and safety risks, for example in relation to access, transport, site Contamination, hazardous substances and manual handling
E	Control measures on the site, including: Any site rules; Any permit-to-work systems; Traffic routes; Security arrangements; Hearing protection zones



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F	Arrangements for personal protective equipment, including what is needed, where to find it and how to use it
G	Arrangements for housekeeping and materials storage
H	Facilities available, including welfare facilities
I	Emergency procedures, including fire precautions, the action to take in the event of a fire, Escape routes, assembly points, responsible people and the safe use of any firefighting Equipment
J	Arrangements for first aid
K	Arrangements for reporting accidents and other incidents
L	Details of any planned training, such as 'toolbox' talks
M	Arrangements for consulting and involving workers in health and safety, including the Identity and role of any
N	Information about the individual's responsibilities for health and safety

4.5 Reporting and Investigation of accidents and incidents including near misses

Should an incident occur, the Directors aided by the Safety Adviser shall investigate the incident and produce an investigation report, enter the details in the accident record book no matter how trivial they may seem and complete HSE form F2508 (rev1/86) for those incidents that are reportable to the HSE.

It is the duty of all contractors to report all accidents and near misses, no matter how trivial they may seem to the Site Foreman. A near miss may result in serious injury or worse, next time it occurs. Therefore measures can be taken to prevent a near miss from reoccurring if they are reported to the Site Foreman. A copy of our reporting procedures policy can be obtained upon request.

4.6 Welfare Facilities

The following facilities will be provided;

Running hot water

Resting / dining area with table and benches with backs

Toilet facilities within groundhog unit

Paper towels, Soap, Cups

The above will be made available in the temporary facilities situated within the site boundary. This facility will incorporate Site Foreman's office and mess hut.



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All contractors have a responsibility to respect the facilities provided, ensuring that the same are kept reasonably tidy and clean throughout the duration of the contract. Contractors are asked to inform Maverick if any persons are not adhering to this rule, or if any supplies of soap, water, paper towels or toilet paper have depleted. Smoking within any cabin where there are non-smokers is prohibited.

It is the Site Foreman's responsibility or his allocated member of staff to ensure that adequate supplies are maintained, and the facilities are kept clean and tidy throughout the construction phase.

4.7 First Aid

First aid will be administered by the appointed first-aider, (To be confirmed). The Site Foreman is responsible for ensuring that adequate and sufficient first aid facilities are available in the site office for the duration of the contract.

All operatives shall be made aware of the identity of the trained first-aider on site and where the first-aid facilities are kept. Suitable signs will be erected in the location of the first-aid facilities, detailing the same.

The nearest accident and emergency unit is; **8.4miles away (30 mins by car) 01792 702222**

Morrison Hospital
Heol Maes Eglwys
Morrison
Swansea
SA6 6NL

4.8 Fire and Emergency Arrangements

On discovery of a fire on site, the following action must be undertaken:

Shout "FIRE, FIRE, FIRE."

Attack the fire if possible with equipment provided in the site hut, but do not take any personal risks.

On hearing the alarm being raised, all operatives must immediately leave their work areas and head for the muster point.

The Site Foreman will call fire brigade immediately by telephone:

Dial 999.

Give operator the telephone number and ask for FIRE.



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When fire brigade replies give message distinctly:

“FIRE AT: Mumbles / Llwynderw Skate Park, off Mumbles Road, Mumbles, SA3 5AN”

Do not replace receiver until the fire brigade have repeated the address.

Report to the Site Foreman at the muster point, situated on the pathway away from any access points onto the site.

Report any missing persons to the Site Foreman.

The Site Foreman is to confirm whether there are any missing persons using the site diary and signing in book. This information can save lives, as fire officers' lives have been claimed by dangerous rescue attempts when the building on fire has been empty.

4.9 Site Safety Rules

- Pedestrian access to the site is via the vehicular access point OR alternative as shown on schematic below
- No alcohol may be consumed during working hours including overtime.
- No person will be permitted to start work on site if through the consumption of alcohol, their own safety is impaired or the safety of others who may be affected by their actions.
- Hard hats must be worn unless works undertaken are designated as low risk by the Site Foreman.
- Personal protective equipment must be worn by all operatives as prescribed as part of the site risk assessment performed by the Principal Contractor.
- All accidents must be reported to the Site Foreman.
- Only 110 volt electrical equipment may be used unless authorised by the Site Foreman.
- Damaged or faulty equipment must not be used.
- Abrasive wheels must only be operated by competent persons.
- Waste materials must be taken to designated areas on a daily basis.
- Smoking is not permitted on site except in designated areas.
- Only authorised persons are permitted to operate plant and machinery.
- Care is to be taken during hot weather to avoid over exposure to the sun.
- All site operatives must attend an induction course prior to commencing work.
- No work to be commenced on site without the submission and approval of appropriate Risk Assessment / Method Statement.



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4.10 Statement Register and Risk Assessment Matrix

Risk assessments and method statements from sub-contractors will be requested by Maverick and must be received in good time for review by the Site Foreman. They may also request additional assistance and comment from MSAFE to ensure that the same is sufficient and makes suitable provisions to allow the works to proceed without undue risk to Health and Safety.

Method statements are all contained within the on-site H&S file

Design Element	Risk Assessment required: Yes / No	Method Statement required: Yes / No	Lifting Plan required Yes / No	Sign / Date
Ground Works	Yes	Yes	No	CURRENT
Forming concrete	Yes	Yes	No	CURRENT



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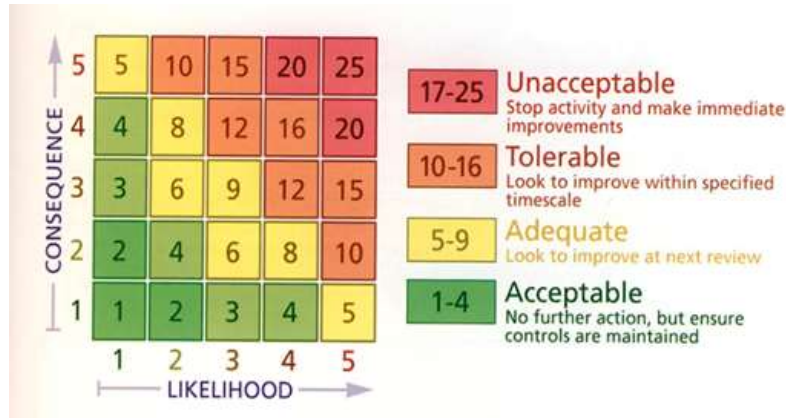
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RISK MATRIX FOR USE IN SECTION 5



<p>The Likelihood or Probability of a hazardous event occurring could be ranked as:</p>	<ol style="list-style-type: none"> 1) Very Unlikely: there's a 1 in a million chance of the hazardous event happening 2) Unlikely: there's a 1 in 100,000 chance of the hazardous event happening 3) Fairly Likely: There's a 1 in 10,000 chance of the hazardous event happening 4) Likely: there's a 1 in 1,000 chance of the hazardous event happening 5) Very Likely: There's a 1 in 100 chance of the hazardous event happening
--	--

<p>Consequence would be ranked as:</p>	<ol style="list-style-type: none"> 1) Insignificant: No injury 2) Minor: minor injuries needing first aid 3) Moderate: Up to three days' absence 4) Major: More than three days' absence 5) Catastrophic: Death
---	---

The scores shown in the relevant sections indicate the final score after consideration to control measures have been implemented where ever possible or indeed if relevant.

The figures arrived at are by multiplying likelihood x consequence



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5. Construction Hazards and Control measures

5.1 Site Set up and Security

RISKS AND HAZARDS ASSOCIATED WITH THE TASK
<ul style="list-style-type: none"> - Unauthorised entry to site - Fire, vandalism and theft - Injury / death of trespasser - Unauthorised operation of plant and equipment
CONTROL MEASURES
<ul style="list-style-type: none"> - All boundaries where existing boundaries are not adequate are to be protected by 2m high anti climb heras fencing. - Suitable hard standing will be maintained across the site entrance to protect against overloading from heavy plant if deemed necessary by Maverick. - Suitable warning signs to be erected on all obvious site boundaries, warning of the dangers associated with the site and prohibiting any unauthorised access. - Any evidence to suggest unauthorised access during the previous evening is to be reported to the Site Foreman who is to endeavour to improve site security as necessary. - Site Foreman to check perimeter fencing regularly (at least daily) and ensure that the site is secure. - All plant and equipment shall be left immobilised when unattended, especially overnight. All keys to be removed from mobile plant and locked securely in the site office overnight. - Site Foreman to undertake formal inspections and maintenance of public highway adjacent site entrance to ensure that damage or migration of debris does not pose a risk of slips, trips and falls to members of the public.
SCORE: LIKELIHOOD 2 X CONSEQUENCE 2 = 4

5.2 Excavation

RISKS AND HAZARDS ASSOCIATED WITH THE TASK
<ul style="list-style-type: none"> - Injury/death due to collapse of the excavation whilst in use. - People, materials, vehicles falling into the excavation. - Contact with existing services. - Undermining adjacent structures and uncontrolled subsidence.
CONTROL MEASURES
<ul style="list-style-type: none"> - Excavations are to be battered back to the correct angle of repose where practicable, and backfilled at the earliest possible convenience. No operatives will enter any excavation until the competent supervisor deems it safe for entry. - All significant excavations where entry is required will be inspected at the start of every work shift. - No works shall commence until existing services have been detected. - Any excavation left open for a significant duration will be fenced around or demarcated with high visibility tape. - Any excavation where the depth is assessed as posing a significant risk of falls to operatives or public will have a physical barrier erected around the head of the same. - Spoil removed from trench style excavations where battering has not proved practicable must be kept at least 1m from the leading edge around the top or as far back as the trench is deep.
SCORE: LIKELIHOOD 1 X CONSEQUENCE 4 = 4



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5.3 Removal / Disposal of Waste

RISKS AND HAZARDS ASSOCIATED WITH THE TASK	
<ul style="list-style-type: none">- Build-up of combustible materials.- Contamination.	
CONTROL MEASURES	
<ul style="list-style-type: none">- Practise good housekeeping and have combustible waste taken off site on a regular basis. Keep waste away from sources of ignition.- Practice good hygiene and wear appropriate personal protective equipment.- Adequate welfare facilities will be provided.	
SCORE: LIKELIHOOD 1 X CONSEQUENCE 2 = 2	

5.4 Traffic Management

RISKS AND HAZARDS ASSOCIATED WITH THE TASK	
<ul style="list-style-type: none">- Collision with pedestrians other vehicles on / off site.- Space constraints on site preventing large plant and delivery vehicles from turning on site.- Accessing / egressing the site with a poor visibility.- Soft/ uneven ground conditions.- Entering exiting the site along a narrow side road.	
CONTROL MEASURES	
<ul style="list-style-type: none">- Utilise Banksmen to assist vehicles entering or exiting the site.- temporary trackway system is to be installed- Due to space restrictions on site, it is not possible to adopt a one-way traffic system. Pedestrian access can be via a separate route which is shown on the plan below. Materials will be stored at a designated location guided by site foreman- Banksmen will be highlighted and easily distinguished from other operatives on site by the wearing of high – viz, orange vests. Drivers will be made familiar with the hand signals that the Banksmen intends to use when directing vehicle movement on site. For the safety of the Banksmen, drivers will be made aware that they must keep Banksmen within their field of vision at all times, particularly during reversing. Drivers will be made aware that they must cease all manoeuvring when they lose sight of the Banksmen at any time. Manoeuvring can only continue when the driver regains visual contact with the Banksmen. Banksmen will also be required where vehicles are parked or working on the approach roads. There could be members of public walking adjacent to our site at any time so we need to be on the look- out for them constantly. There is a walking pace speed restriction for site access vehicles.	
SCORE: LIKELIHOOD 2 X CONSEQUENCE 2 = 4	



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5.5 Working at Height

RISKS AND HAZARDS ASSOCIATED WITH THE TASK
<ul style="list-style-type: none"> - Falls from working platforms. - Fall from edges of excavations - Falls off ladders. - Falls of materials.
CONTROL MEASURES
<ul style="list-style-type: none"> - Ladders to be checked for condition on a regular basis to ensure stability and strength. Ladders should be tied at the top or if impracticable anchored at the base to prevent swaying in any direction. Ladders should be placed on a firm level footing and set up at an angle of 75o one out for every four up. The vertical run of a ladder should not be in excess of nine metres without the provision of a landing platform. Ladders should only be used for access purposes only and not as a working platform. - Suitable working platforms with edge protection will be constructed to allow operatives safe access and fall protection during the construction process. - Provide fall protection systems below the working area where there is a danger of falling 2m or more. To be assessed on a site specific basis, but decisions should be made on the following order of preference: <ol style="list-style-type: none"> 1 – Fully guarded working platforms e.g. correctly installed scaffolding. 2 – Engineering fall arrest systems e.g. safety nets and airbags. 3 – PPE Fall arrest and fall restraint systems (only to be used as a last resort or in addition to the above methods.)
SCORE: LIKELIHOOD 2 X CONSEQUENCE 2 = 4

5.6 Lifting and Installation of Components

RISKS AND HAZARDS ASSOCIATED WITH THE TASK
<ul style="list-style-type: none"> - Deliveries unloading and storage areas - Materials falling. - Silica dust from scabbling operations. - Unstable ground conditions. - Mishandling of loads in excess of 1 tonne. - Working at height, detailing how operatives will be protected from falls during erection with particular regard to leading edge.
CONTROL MEASURES
<ul style="list-style-type: none"> - A site-specific lifting plan is to be agreed with the Contractor prior to the commencement of works. Ensure the load is correctly slung and that the crane safe working load is adhered to. - The crane should not be permitted to site until suitable hard standing has been laid and it can be ensured that no damage to the underground services can occur. The crane shall enter the site under the co-ordination of a trained Banksman and be located in the occasional / pedestrian site entrance. - All necessary investigations will be undertaken to ensure the suitability of the ground for the type of crane proposed prior to the commencement of works on site. A detailed lifting plan will be developed detailing safe slewing areas. - All lifting operations directed by a trained signaller. All lifting operations to be conducted by a competent crane operator. - All plant and equipment is to be inspected by the Site Foreman prior to the commencement works, and maintenance, testing and inspection records to be provided by the contractor. The lifting equipment must have been tested within the 6 months previous to its use. - Soft landing bags or a suitable alternative will be provided beneath all working areas where there are leading edges or gaps in the working platform to reduce the risk of injuries sustained from falls from height.
SCORE: LIKELIHOOD 1 X CONSEQUENCE 3 = 3





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5.7 Fire

RISKS AND HAZARDS ASSOCIATED WITH THE TASK	
<ul style="list-style-type: none">- Build-up of flammable materials.- Hot works.	
CONTROL MEASURES	
<ul style="list-style-type: none">- Site to be cleared regularly of combustible materials and waste.- Suitable fire points to be installed on the site. These should be placed in the easily accessible locations should consist of 7kg litre water and a 7kg powder extinguisher.	
SCORE: LIKELIHOOD 1 X CONSEQUENCE 2 = 2	

6. Health and safety File

Contractors have a duty to provide the Principal Contractor with any information relating to their works, materials and installations for inclusion in the Health and Safety File.

This information will be collated and filed with Maverick to refer to if needed.



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FIRE ACTION

If You Discover a Fire

Operate the nearest call point, hand bell or claxon

Call the fire brigade by telephoning 999

**If it is safe to fight the fire, do so
Otherwise leave the area by the nearest exit**

**Report to the assembly point on the access road
adjacent the site entrance**

Do not stop to collect personal belongings



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ACCIDENT AND EMERGENCY CONTACTS **IN THE EVENT OF AN ACCIDENT OR EMERGENCY**

Contact the relevant emergency services on 999

Contact the site first-aider

**Send someone to help emergency services locate
the accident or emergency**

Ensure you and others are not in further danger

Emergency Contact Numbers

Director:	01202 607 475
Site Foreman: (TBC -Rob Farrow)	07402 346 864
Head Office:	01202 607 475
Nearest Hospital:	01792 702222
Police Station:	101 non emergency



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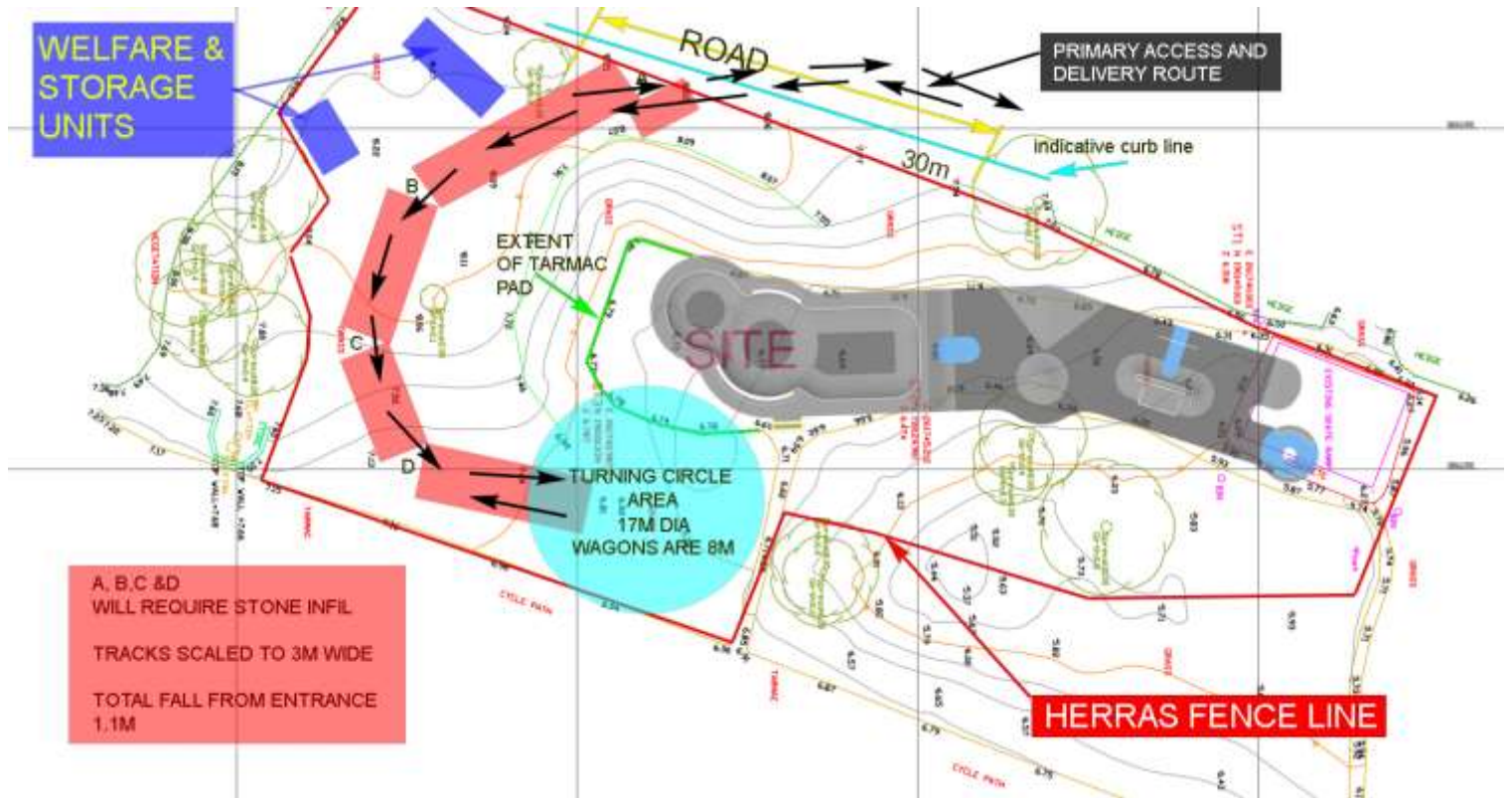
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SITE SET UP PLAN



Created by Mark Clogg

Director - Maverick Industries Ltd - Health & Safety Officer

23rd October 2018



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