



WHITE HORSE CONTRACTORS
SOIL AND WATER ENGINEERING FOR SPORT LANDSCAPE AND ENVIRONMENT

SITE FILE

including Construction Phase H&S Plan

for

Construction of SANG

Stoke Park Farm

133 Stoke Common Rd, Eastleigh SO50 6DW

LC24-016



WHITE HORSE CONTRACTORS

SOIL AND WATER ENGINEERING FOR SPORT LANDSCAPE AND ENVIRONMENT

Job Code:	LC24-016
Site Name:	Stoke Park Farm
Site Address:	133 Stoke Common Rd, Eastleigh SO50 6DW
Brief description of works:	Construction of SANG

STATUTORY NOTICES

All WHC employees are issued a copy of the company H&S Policy Statement and the H&S Law pocketcard. Insurance details are on display in Reception at Head Office. **The following must be displayed on site if there are any non-WHC staff: HSAW Poster, Insurances.**

If the project is 'Notifiable' under the CDM Regulations, a copy of the F10 form must be available on site.

Construction Phase Plan - Document History

Version	Prepared by	Date	Approved by (if required)	Date
1.0	Tom Iles	19.02.25		

KEY PROJECT TEAM MEMBERS

Organisation	CDM Role	Contact	Position	Mobile Number
White Horse Contractors	Principal Contractor (PC)	Tom Iles	Contract Manager	07768 885847
White Horse Contractors	Principal Contractor (PC)	Jason Sutton	Foreman	07768 047686
White Horse Contractors	Principal Contractor (PC)	Jordan Ostrowski	H&S Manager	07855 064438
	Principal Designer (PD)			
	Client			
	Contractor			

PROJECT DESCRIPTION

Project is to construct Suitable Alternative Natural Green Space. Works include new footpaths, fencing tree and hedge planting and wildlife features.

START DATE ON SITE

W/C 24.02.25

TIMESCALE FOR COMPLETION

14 Weeks

NOTIFIABLE TO HSE

Yes [by client]

PROJECT HEALTH & SAFETY AIMS

Our aim is to plan, manage and monitor these works to ensure the project is carried out without risk to H&S:

- > Complying with all applicable legislation.
- > Ensuring adequate resources are available.
- > Providing and maintaining a safe and healthy workplace, and safe working practices.
- > Positively encouraging effective co-operation of sub-contractors and others.
- > Provide each worker under our control with appropriate supervision, instruction and information so works can be carried out without risk to H&S.
- > Apply the waste hierarchy of reduce, re-use, re-cycle.

H&S MONITORING

- > Foreman to carry out weekly Site Monitoring Inspections and complete a Report and retain in site file.
- > WHC Compliance Manager may make unannounced visits to inspect the site. Foreman will be advised of matters which could give risk to H&S risks. A report will be produced and will highlight good and bad practices observed. Foreman/ Contract Manager to take action as required and report back to Compliance Manager.
- > WHC Safety advisors may also carry out independent unannounced H&S visits and will report as above.



CONSULTATION WITH STAFF

> Consultation with workers on H&S matters will take place at induction and daily task briefings - workers to consider uncontrolled risks & ensuring H&S controls are practical. Brief details to be recorded on briefing register.
> Toolbox talk on relevant subject to be carried out by Foreman (or Contract Manager in absence of Foreman) on a weekly basis as a minimum or following incident/ near miss on site.

INFORMATION ABOUT RESTRICTIONS WHICH MAY AFFECT THE WORKS

Title	Details
General site access & egress	> Access and egress to site will be via Seawall Drive. > Access roads leading to Seawall Drive are restrictive so deliveries will be coordinated to avoid congestion. > Suppliers of multiple deliveries will be invited to for a site visit prior to place order to discuss and highlight difficulties with access. A site delivery map will be sent to all suppliers showing delivery information and site contact. > Operatives must sign in and out daily in book located in welfare unit.
Parking	Parking is available onsite but only in designated areas which are limited.
Access by delivery vehicles/ restricted hours of delivery	Safe and un-impeded access suitable for road haulage vehicles to be supplied and maintained by main contractor at all times including protection of finished surfaces adjacent to our works. No construction vehicle movements to/from the site shall take place during the construction period except between the hours of 0800 to 1800 Mondays to Fridays and 0900 to 1300 on Saturdays and not at all on Sundays or Public or Bank Holidays."
Storage of materials/ plant	Suitable lie down areas for storage of materials, adjacent to works location to be supplied by main contractor.
Any other restrictions noted from pre-construction H&S Plan	None.
Underground/ overhead services	Overhead electrical cables run through site. A water pipe also runs through the site.
Working hours	Monday to Friday 7.30am to 5.30pm. Overtime/ weekend working as authorised by line manager.
Permissions/ EA Licences/ Invasive Weeds or Protected Species	Protected Species Licence
Other	

CO-OPERATION & CO-ORDINATION OF TEAM MEMBERS



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- > If there is more than one contractor, the Principal Contractor to provide a site specific induction to the CPP before any workers are allowed to start on site and to organise cooperation between contractors to ensure all are aware of what has to be done, when it will be done and ensure it is carried out safely. Regular site progress meetings to be organised and notes taken.
- > Where practical, co-ordination will allow trades to access shared facilities such as welfare, scaffold etc.
- > All subcontractors to have passed WHC subcontractor HSEQ assessment prior to starting on site and submit risk assessments & method statement to Contract Manager for approval prior to starting work.
- > All relevant information for the construction phase to be kept on site and provided to workers as appropriate.
- > Any change to method of work or site conditions which impacts on H&S to be recorded and staff to briefing register to new controls.
- > At the end of the project the Site file/ CPP is to be filed with the contract file in archive and client to be issued with an O&M manual and site handover form for signing.

CONTRACTORS due on site are detailed below:

Activity	Contractor	Start Date	Anticipated Duration
Fencing and gates	tbc	tbc	1 week

WELFARE FACILITIES

Foreman to ensure welfare facilities provided are kept tidy and accessible.

Type	Used by	Location	If hired in, service frequency
Towable unit	All workers	In site compound	Fortnightly

ACCIDENT PROCEDURES

First aid equipment location:	Site office/WHC van		
First aider - name & number:	Jason Sutton	07768 047686	
Nearest A&E location:	Royal Winchester		
	Romsey Road		
	Winchester		
	SO22 5DG		
	1962863535		

> Alarm raised and site first aider sought. First aid treatment given on site by trained first aider. Should emergency services be required, call 999.

> Safe access to be maintained for emergency vehicles.

> All incidents and accidents incl. environmental are to be reported (irrespective of severity) to Foreman without delay and an Accident Incident Report Form (DN510) must be completed and forwarded to the office promptly. All accidents will be investigated. RIDDOR procedures will be followed.

Near misses are to be reported to the office ASAP

Your project: *Stoke Park Farm*

What you observed: *Unsafe condition, unsafe act or environmental issue*

What you did: *Made it safe, warned others, improved environments or reported it*

FIRE ACTION PLAN & EVACUATION



- > In case of fire/ unexploded ordnance, site personnel to raise alarm (e.g shout Fire! Fire!) and all personnel to proceed immediately to the designated emergency assembly point and to remain there until everyone is accounted for and given permission to leave. Escape routes must be kept in good, clear condition with no obstructions.
- > Fire extinguishers are located in each vehicle/ cab. Personnel to use fire fighting equipment if competent in doing so and at no risk to themselves or others.
- > Should Fire & Rescue be required, emergency services can be reached by dialling 999

The Emergency Assembly Point is:

Outside of the welfare cabin

FIRE PREVENTION

- > Flammable materials & rubbish on site to be kept to a minimum. Browsers free from litter.
- > Skips to be located away from perimeter and buildings. Emptied frequently.
- > Flammable substances to be stored according to COSHH assessment, away from fire exit routes and sources of ignition.
- > No smoking rules to be adhered to.

The designated smoking area on this site is:

Smoking will be allowed with and designated area of the site compound away from fire hazards

Minimum PPE for site

Hi-Visibility jackets to EN471

Safety footwear to EN345P

Ear defenders

Safety gloves

safety glasses

Any worker found not wearing minimum site PPE to be asked to leave site if they do not agree to comply.

PROTECTION ARRANGEMENTS

Protection of the public	Reasonable steps will be taken to prevent access by unauthorised persons. > The working areas of the site will be secured by temporary Heras fencing if practical or have its perimeter identified by suitable signs. > Signage will be erected where appropriate to warn of dangers on site.
Lifting operations	> The lifting risk assessment is per our schedule of common lifts. > WHC Foreman/Site Manager to discuss any unusual lifting requirements in advance to enable a suitable lifting plan to be formulated and put in place prior to lifting commencing.
Excavations	> A Permit to Dig must be completed before breaking ground (>50mm)
Traffic routes	Site organised so far as is practical that pedestrians & vehicles can move without risk to H&S. Traffic routes free from obstruction, indicated by signage where necessary.



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Plant & Equipment	> All plant & equipment must be accompanied by relevant proof of inspection/ maintenance (service/ PAT test/ calibration) > Plant & equipment must be visually checked by operator prior to using and Plant /Equipment Return Form completed weekly for site and sent to the Office promptly, noting any issues requiring attention. > No plant is to be left unattended with keys in the ignition. > At the end of each day smaller items of plant, bowzers & items with no immobilisation to be isolated within larger items of plant. > Operators to have necessary skills, knowledge, training & experience to carry out tasks safely are in the process of obtaining and under supervision of a competent person. Foreman/ Contract Manager to carry out checks.
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SITE RULES

- Minimum site PPE to be worn at all times by all personnel (& task specific PPE as required by risk assessment). Personnel who do not comply will be asked to leave site. Shorts are allowed for the Summer but must be orange and hi-vis. Also task specific and trousers will still need to be worn for certain tasks such as concrete works, weed spraying etc. You will also need to think about extra sun protection when wearing shorts. You will be wearing shorts at your own risk.
- Only personnel who have attended the site induction will be permitted to start work on site
- All site plant vehicles will have flashing amber beacons, reversing alarms and rear view mirrors. Other vehicles to operate hazard-warning lights.
- Reversing of heavy plant and HGV's must be under the supervision of a competent banksman.
- A Permit to Dig (template DN505) must be obtained prior to excavation work being carried out, including any ground penetration activities such as knocking pegs into the ground.
- A Hot Works Permit (template DN507) will be required prior to any hot works being carried out.
- Only authorised persons will be allowed to erect, alter or dismantle any temporary works or excavation support.
- Only authorised persons to operate plant or equipment.
- Leave welfare facilities in a clean condition, use toilet facilities provided.
- Keep your work area clean and free from trip hazards. Waste, etc. must be put into the skips, bagged or withdrawn from site as soon as possible. Care must be taken not to allow dust, debris, packaging, etc. to be blown around. Also ensure that all areas of the site are kept clean and tidy and trip hazards are removed. A tidy site is a safe site.
- Alcohol is strictly prohibited from all sites, or being under the influence of alcohol/ illegal substances. Alcohol & drugs testing may be carried out. Anyone found to be under the influence of alcohol or illegal substances will be suspended from duty and may be subject to disciplinary action.
Only prescription drugs may be taken and your supervisor must be informed of any restrictions on driving/ operating machinery.
- Smoking is forbidden in all company plant and vehicles and on site with the exception of any designated smoking areas and only during permitted breaks. Smoking is not permitted within enclosed areas such as buildings.
- Fires are not permitted on any site.
- All works will be undertaken during daylight hours, where possible. If task specific lighting is required, it will be provided with PC guidelines. If lighting is required, it will be positioned so as not to create an environmental nuisance.
- The use of personal headphones on site is strictly prohibited.
- Employees may be requested to co-operate with random searches.
- Only authorised personnel will be allowed to take photographs.
- Personnel who abuse site rules and regulations will be subject to disciplinary action.
- Where uniforms are provided, these must be worn at all times whilst at work and laundered on a regular basis. Where uniforms are not provided, you should wear clothes appropriate to your job responsibilities, and they should be kept clean and tidy at all times.
- Do not use inappropriate language on site.



SITE RESOURCES

Plant & Equipment

13T Tracked Excavator	Kuhn HR3030 3M Power Harrow
3/6 Tonne Swivel Skip Dumper	Blec TH8HD Turf Maker 2.5M
John Deere Tractors	John Deere Pro Gator
Tandem Vibrating Roller	1.5 Tonne Tracked Dumper
8T Tracked Excavator	15m Tracked Cherry Picker
1.7T Tracked Excavator	Flail Mower
Fuel Bowser	
Blec Buryvator 2.3m (Stone Burrier)	

WASTE

Green Waste to reused onsite. Any soil that can not be lost onsite will be moved to stockpile. All other waste will be sorted and disposed of accordingly via a licenced

COSHH & RISK ASSESSMENTS

Ensure you are briefed on the attached assessments

SCOPE & METHOD OF WORKS

Task	Method of work/controls
• Checks to be made prior to commencing works	> All site staff to ensure they are in possession of the correct PPE. > All other statutory inspections to be carried out in line with WHC policies. > Daily task briefing completed.
• Site Compound	>Herras fencing to be installed around boundary of compound. > All machines to be stored in the compound over night. >Site welfare cabin will then be delivered and installed. >Secure container will also be included within the compound for the storing of tools and fuels. > The compound gates will be locked at night
• Removal of existing surfacing	>Excavator with breaker to loosen materials before removing and loading into dumpers. >Dumpers to remove material to site compound travelling along foot print of paths >Material to be stockpiled before being loading into muckaway tipper lorries by excavator situated in compound
• Removal of existing fences, posts and gates	>Visual survey to completed to access if there are any nesting birds or other animals located in works area >Excavator with grab attachment will remove fence posts and all attached wire/mesh >Gates to be removed and posts dug out. >Any footings/concrete will be dug out and areas will be left clean and tidy >All arisings will be transported to compound for removal or recycling. >Material will be loaded into skips ready for disposal via licenced waste carrier >When working away from compound, spill kit will be kept near area of work for instant use.
• Remove hedge	>Plants to be removed will be marked under supervision from Ecological Clerk of Works >Hedge to be inspected for wildlife and nesting birds prior to removal >Branches to pruned to 200mm from ground level by chainsaw and all cut brush to be imediatly chipped. >Stumps to grubbed out at a later dat by machine under supervision of ECoW, if required.



• Excavate to reduced level	>Route of paths will be mown with tractor mounted flail mower in two passes. First will reduce level and give chance to wildlife to escape before second pass to reduce level to ca. 20mm >Our engineer will set out using GPS coordinates the location of the path >Excavator will excavate down to formation level, placing arisings adjacent to path in area for wildflower seed >All machine movement will remain within path footprint to avoid damage to surrounding areas. When working near to buffer zone for badger setts, extra care will be taken not to ingress into these.
• Install of Type 1	>Geotextile membrane will be installed >Type 1 will be loaded by excavator in site compound into swivel skip dumpers and tipped in area of work >Type 1 will then be leveled and compacted using vibrating twin drum roller. >All plant to remain within path footprint to avoid damaging ground
• Install of Edge Type B	>String lines to be set up, showing location and height of edging >Timber boards to be installed with timber pegs at 600mm centres >Boards to be secured to post using nails >Surrounding soil to be backfilled against boards and lightly compacted.
• Install of Edge Type A	>String lines to be set up, showing location and height of edging >Bedding to be mixed at site compound and transported by dumper to works area >Bedding will be installed to correct depth and the setts will be installed into the bedding >The setts will be haunched for strength >Once dry, the setts will be grouted >Upon completion the areas will be left clean and tidy. Extra care will be taken to ensure all remaining cement products/materials are disposed of properly.
• Paving Type A	>Bedding to be mixed at site compound and transported by dumper to works area >Bedding will be installed to correct depth and the knapped flints will be installed into the bedding >Once dry, the joints will be grouted >Upon completion the areas will be left clean and tidy
• Paving Type B	>The material will be delivered to site compound and stockpiled >The material will loaded into dumper which will deliver the material to the works area travelling only over the already installed type 1 >The material will be tipped in front of excavator that will grade with a grading bar attachment. This will allow us to create the required camber >The material will be installed to allow for compaction, which will be undertaken by a pedestrian roller to avoid changing the camber
• Paving Type C	>Bedding will be delivered to work areas by dumper. >Bedding will be installed to the correct depth >Bodpave will then be installed and cut to fit in area >Once installed the rootzone will be delivered to works area by dumper and spread to required depth by hand >Area will be seeded and finally left clean and tidy



• Form bunds	>Areas for scrapes and areas for arisings to be set out by WHC engineer >One excavator will load two dumpers. Dumpers to avoid driving over same ground in order to reduce damage caused >Dumpers will tip arisings which then be spread out by another excavator to the desired depth and lightly compacted.
• Form scrapes/ wet flashes	> A excavator with a roto-tilt attachment will grade bunds >Bunds will be lightly compacted to avoid uneven settlement >To finish, the bunds will be hand raked to a smooth even grade.
• Grade out levels of soil	>Mini-excavator will grade path arisings and blend into existing ground levels.
• Grass Seeding Type 1	>Tractor will stone bury areas using a tractor mounted and driven stone burier. >The tractor will switch attachments and then use a power rake to prepare seed bed to final tilth. >Using a dimple seeder we will then seed the areas with the required rate. >To finish we will compact the areas lightly with cambridge rollers or equivalent.
• Grass Seeding Type 2	>Tractor will stone bury areas using a tractor mounted and driven stone burier. >The tractor will switch attachments and then use a power rake to prepare seed bed to final tilth. >Using a dimple seeder we will then seed the areas with the required rate. >To finish we will compact the areas lightly with cambridge rollers or equivalent.
• Grass Seeding Type 3	>Tractor will stone bury areas using a tractor mounted and driven stone burier. >The tractor will switch attachments and then use a power rake to prepare seed bed to final tilth. >Using a dimple seeder we will then seed the areas with the required rate. >To finish we will compact the areas lightly with cambridge rollers or equivalent.
• Hedge planting	>Prepare surface, cultivating in compost and fertiliser >Use spade to cut notch into the soil. >Push the spade backwards and forwards in the slot to create a hole big enough for the roots >Hold the tree in place and firm the soil around the tree's stem with your heel. Make sure the roots are covered, that there are no air pockets and that the root collar is visible and level with the soil's surface. >Place mulch mats and rabbit guards around plants and tie to support wires
• Tree Planting - Extra Heavy Standard Trees	>Excavate Tree Pits >Transport trees by telehandler, taking great care to avoid damaging bark or branches >Place trees into tree pit and position. Client to confirm final positioning before backfilling with topsoil >Tree stakes to be installed and tree secured to stakes.
• Woodland Planting	>Prepare surface, cultivating in compost and fertiliser >Use spade to cut notch into the soil. >Push the spade backwards and forwards in the slot to create a hole big enough for the roots >Hold the tree in place and firm the soil around the tree's stem with your heel. Make sure the roots are covered, that there are no air pockets and that the root collar is visible and level with the soil's surface. >Place mulch mat and install deer shelters



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• Bench Seat Type 1	>Positions of benches to be confirmed with Client prior to works begin >Holes to be excavated using petrol handheld auger >Arisings to be disposed of offsite >Benches to be installed using ready-mix postcrete. >During the curing process, the benches will be held in place by temporary timbers to ensure they remain in correct position
• Bench Seat Type 2	>Positions of benches to be confirmed with Client prior to works begin >Holes to be excavated using petrol handheld auger >Arisings to be disposed of >Benches to be installed using ready-mix postcrete. >During the curing process, the benches will be held in place by temporary timbers to ensure they remain in correct position
• Cycle Stands	>Holes to be excavated using petrol handheld auger >Arisings to be disposed of offsite >Cycle stands to be installed using ready-mix postcrete. >During the curing process, the stands will be held in place by temporary timbers to ensure they remain in correct position



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• Information Boards	>Positions of information boards to be confirmed with Client prior to works begin >Holes to be excavated using petrol handheld auger >Arisings to be disposed of >Information boards to be installed using ready-mix postcrete. >During the curing process, the information boards will be held in place by temporary timbers to ensure they remain in correct position
• Litter Bins	>Positions of bins to be confirmed with Client prior to works begin >Holes to be excavated using petrol handheld auger >Arisings to be disposed of >Information boards to be installed using ready-mix postcrete. >During the curing process, the bins will be held in place by temporary timbers to ensure they remain in correct position
• Hibernacula	>Client or ECoW to confirm locations prior to construction > Holes will be dug ca.50cm deep and 1.5 metres across >Logs, branches, bricks and rocks will be installed, leaving plenty of gaps in between. > Piles will be covered with soil and seeded.
• Bat Boxes	>Following confirmation from Client or ECoW for locations, bat boxes will then be installed, using a tracked cherry picker to avoid working from ladders. >Bat boxes to loosely secured to the tree using tree tying rubber strapping to allow the tree to continue to grow without causing damage to the bark >Care will be taken with the cherry picker not to cause any damage to the ground
• Log Piles	>Site won materials to be collected and stockpiled during duration of construction works >Following confirmation from Client or ECoW for locations, log piles will then be installed, taking care to keep the structure stable, reducing risk of collapse
• Bird Boxes	>Following confirmation from Client or ECoW for locations, bird boxes will then be installed, using a tracked cherry picker to avoid working from ladders. >Bird boxes to loosely secured to the tree using tree tying rubber strapping to allow the tree to continue to grow without causing damage to the bark >Care will be taken with the cherry picker not to cause any damage to the ground



RISK ASSESSMENT FORM

Activity	Construction of SANG
Job Name:	Stoke Park Farm
Site Address:	133 Stoke Common Rd, Eastleigh SO50 6DW
Job Code:	LC24-016
Date produced:	19.02.25
Completed by:	Tom Iles

This document accompanies a site specific Method Statement Safety Briefing. All site staff to be inducted to site and register kept.

Work Activity	Hazard (Something with potential to cause harm)	Hazardous Event	Potential Consequences	People affected	Likelihood	Consequence	= Initial Risk Rating	Control Measures (Eliminate risk, Reduce risk, Control/Prevent access to risk, Safe System of Work, PPE)	Likelihood	Consequence	= Residual Risk Rating	Type & Frequency of Monitoring Required
Walking around workplace	Uneven ground	Slips, trips, fall	Muscular-skeletal injuries	Site operatives, public	3	2	6 Low	Staff to visually check the ground for obstructions & uneven surface whilst walking. Good site management to minimise requirement to cross obstructions. Works performed in adequate light. Working area fenced off from public where possible. Wear suitable footwear (slip resistant, ankle support) when walking on uneven ground.	1	2	2 Negligible	
Driving on uneven, sloped ground or parking on sloped ground.	Sloping or uneven ground	Overturning, parking & dismounting on a slope	Major injury	Operative, persons in near vicinity	4	4	16 Very high	Driving on slopes avoided, including slopes across the direction of travel. If slopes cannot be avoided, vehicle supplier data checked that the vehicle can negotiate the slopes safely. If there is both slope and rough ground, the manufacturer's guidance on the capability of a vehicle to negotiate a slope is reduced. Speed kept to a minimum on rough ground. Roll over protective structures may be fitted and operatives to wear seatbelt.	1	4	4 Low	
Plant delivery/ collection by low loader	Heavy plant being transported and loaded/offloaded, reversing long vehicle	Falling or slipped load, Unavailable suitable access, reversing long vehicle	Damaged load, injured personnel	Any persons in vicinity of low loader	3	4	12 High	Clear instructions given to low loader driver. Contract Manager ensures suitable access. All delivery vehicles make telephone contact with site before entering area to confirm that site entrance is available. Safely park nearby until access available. Vehicle met by banksman to guide onto site. Lifting controlled by qualified banksman in line with lift plan. Controlled working area. Working in teams. No reversing operations without banksman. PPE worn to match operations. Low loader bed inspected prior to loading, rubber mats are laid onto steel work, low loader bed is levelled before loading/ unloading, all plant/ work equipment is at lowest position during loading/ unloading, no additional equipment is lifted until loading/ unloading operation complete, operatives controlling plant wear seat belts if fitted in plant, all doors and windows closed during loading/ unloading, other work equipment locked in neutral (i.e. chain drives).	2	3	6 Low	
Unloading materials from tipper truck	Tipper facility	Objects obstructing tipper bed, overloaded tipper, mechanical failure of hydraulics	Crush injury, damage to property overhead	Site operatives	3	4	12 High	Tipper operated by trained person, driver authorised by company insurers. Vehicle maintained and serviced as manufacturers recommendations. Tipper isolation switch prevents unplanned operation. Noise bleeper indicating tipping in operation. All persons in near vicinity vigilant and stand clear while tipping in operation. Driver has visibility all round and visual contact with any persons directing load. Reminder prompts in vehicle of checks to make prior to engaging tipper. Maximum load of vehicle 970kg and driver ensures not overloaded. Driver checks overhead obstacles before engaging tipper. Tipped to planned location that will not cause obstruction or hazard.	1	4	4 Low	Daily visual checks on vehicle - any faults reported. Annual MOT, regular servicing as dictated by manufacturer.
Unloading materials from tipper trailer	Tipper facility	Objects obstructing tipper bed, overloaded tipper, mechanical failure of hydraulics	Crush injury, damage to property overhead	Site operatives	3	4	12 High	Tipper operated by trained person, driver authorised by company insurers. Vehicle maintained and serviced as manufacturers recommendations. Tipper isolation switch prevents unplanned tipping. Noise bleeper indicating tipping in operation. All persons in near vicinity vigilant and stand clear while tipping in operation. Driver has visibility all round and visual contact with any persons directing load. Reminder prompts in vehicle of checks to make prior to engaging tipper. Maximum load of vehicle 990kg and driver ensures not overloaded. Driver checks overhead obstacles before engaging tipper.	1	4	4 Low	Daily visual checks on vehicle - any faults reported. Annual MOT, regular servicing as dictated by manufacturer.
Working under overhead power lines	Overhead power lines on site	Plant contact or comes very close to electricity cable	Electrocution, explosion	Plant operative, site personnel	3	5	15 High	Route of cable noted in relation to work area on site. Warning 'goal posts' installed over the access routes at the crossing points so that plant which is too high cannot enter the working area. All site personnel informed of dangers, warning signs erected. Site personnel and operatives aware of emergency procedures. No lone working on site where overhead cables are present in area of work. Trained first aider on site.	1	5	5 Low	Emergency planning practice.



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Work Activity	Hazard (Something with potential to cause harm)	Hazardous Event	Potential Consequences	People affected	Likelihood	Consequence	= Initial Risk Rating	Control Measures (Eliminate risk, Reduce risk, Control/Prevent access to risk, Safe System of Work, PPE)	Likelihood	Consequence	= Residual Risk Rating	Type & Frequency of Monitoring Required
Excavating trenches/ holes	Unattended/ exposed excavations	Fall from height, collapsing excavation	Muscular-skeletal injuries	Plant operative, site personnel, public or trespassers	3	3	9 Moderate	Where excavations cannot be made safe within a quick timescale (backfilled etc.) physical barriers are to be erected. Temporary earthwork supports in place whilst working in excavation, where excavation cannot be made safe by battering/ stepping. Hi-vis vest & safety boots worn. Excavation edge timbers/ earth bunds in place.	2	3	6 Low	If support/ battering is provided, any equipment/ materials which may affect its safety have been inspected by a competent person at start of shift, after any material unintentionally falls or after event likely to affect strength or stability of excavation such as wet weather.
Digging into subsoil	Buried services - electricity, gas, water pipes, telephony	Contact with live underground services	Electrocution, explosion, localised flooding, disruption, Weils disease	Site operatives, public	3	5	15 High	Copy of service plans from statutory companies obtained by Contract Manager. Known services & depth (if known) noted in method statement briefing - all operatives made aware at Induction. No operation of excavators/ bulldozers/ scrapers to take place before known services marked and area CAT scanned. All areas CAT scanned and services clearly marked by Foreman/ designated responsible person, trained in use of CAT & genny. Operatives to watch for signs of cables as work progresses (e.g. marker tape, cable covers). Exposed cables and ducts within the dig area supported and protected at all times. Trenches are backfilled as job progresses where possible, so that no services are left exposed - replacing marker tape/ covers. Services excavated around by hand within 600mm of live cables, no mechanical excavating. Do not handle or alter position of any cable. Ask for cable to be made dead if buried in concrete. Information provided on Weil's disease. PPE worn to match operations. If event of strike, notify local electrical company. Arrange to keep area well clear of personnel.	1	5	5 Low	
Using noisy equipment	Exceeding legal daily noise exposure action value of 85 decibels	Cumulative or one off exposure to loud noise	Hearing loss, tinnitus	Operative, anyone in near vicinity	5	2	10 Moderate	Low noise equipment purchased where possible. Equipment maintained to minimise noise as a result of faults. Task rotation used to reduce exposure to noise. Equipment to be operated at suitable time to cause least disturbance to neighbours. Where possible, site noisy equipment away from other workers or the public. Suitable hearing protection to be worn. Operatives instructed in use of hearing protection. Workers agree method of visual communication with one another while equipment is in operation.	2	2	4 Low	Spot checks that hearing protection is being worn while equipment in operation
Re-fuelling diesel/ petrol fuelled equipment & machinery	Temporary fuel supply on site	Fuel coming into contact with oxygen & source of ignition, fuel spill coming into contact with skin, eyes, accidental ingestion by humans or animals, fuel entering watercourse	Fire, explosion, dermatitis, harmful to aquatic organisms	Operative, Site personnel	5	5	25 Very high	All bowsers are banded to minimise leaking, padlocked when not in use. Petrol & diesel containers to be UN approved; max sizes for portable petrol storage containers 10l plastic, 20l metal with appropriate UN number and warning markings. No persons under 16 to dispense petrol. Refuelling takes place at least 10 metres away from water courses, ditches or drains, 50m from wells, boreholes or springs. COSHH assessment available on site and controls highlighted to personnel at induction. All banded bowsers and vans are fitted with fire extinguishers. No smoking or naked flames present in the handling area. Equipment switched off prior to refuelling. Competent person handling the product. Not used in a confined space or in space with inadequate ventilation. Operatives trained in the use of fuel spill kits. Spill kits available onsite. Gloves and barrier cream worn when refuelling.	2	4	8 Moderate	
Using step ladder	Work at height	Falling from height, ladder tipping over, objects falling while being carried up ladder	Muscular-skeletal injury, death	Operative, persons nearby	4	4	16 Very high	Staff to assess task - to use ladder only to be used if task is short duration (max 30 mins) and use of other access equipment is not possible due to access constraints. Light work only, no carrying of objects over 10kg up ladder. Step ladder used & maintained in accordance with manufacturers instructions. Checks made prior to use - rungs are clean, feet checked. Non slip footwear to be worn, if necessary clean soles before using the ladder. Ladder positioned on firm, level surface, free from oil/ loose material facing the work activity. Ladder protected by barrier or cones if potential to be struck by vehicle. Ladder is tall enough to carry out task properly. Ladder marked with static vertical load and not exceeded. Ladder must be class I or EN131. Locking devices engaged. Maintain 3 points of contact with ladder at all times and keep body centred.			0 Negligible	Ladder inspected at regular intervals, determined by competent person depending on frequency of use
Laser equipment in use	Lasers	Direct eye contact with laser	Blinding, eye damage	Operative, persons in near vicinity	4	3	12 High	Laser transmitter set above eye level. Restricted access to working area. Operatives trained in the use of lasers and to be briefed in the safe use of the equipment, including not to look into laser aperture when laser is on. Maintenance carried out by manufacturer/ approved distributor.	2	3	6 Low	Visual check before use. Report any faults.



WHITE HORSE CONTRACTORS

SOIL AND WATER ENGINEERING FOR SPORT LANDSCAPE AND ENVIRONMENT

Work Activity	Hazard (Something with potential to cause harm)	Hazardous Event	Potential Consequences	People affected	Likelihood	Consequence	= Initial Risk Rating	Control Measures (Eliminate risk, Reduce risk, Control/Prevent access to risk, Safe System of Work, PPE)	Likelihood	Consequence	= Residual Risk Rating	Type & Frequency of Monitoring Required
Cleaning machine tracks	Heavy machinery engaged or incorrectly positioned for cleaning	Entanglement in tracks, machine slipping	Death, major injury	Operative, persons in near vicinity	3	4	12 High	Excavator tracks must only be cleaned while the vehicle is stationary and ground is stable. Position excavator arm adjacent to tracks. Ensure no personnel are next to tracks. Raise machine on arm/ bucket to lift one track off ground. Whilst raised, rotate tracks to expose area requiring cleaning. Lower machine to ground, place all controls in neutral, switch off engine, remove key. Clean exposed area of track with machine stable on ground. Repeat above procedure until all sections of track have been cleaned.	1	3	3 Negligible	Supervision
Using 1.8t or 2.5t mini excavator	Instable base, high centre of gravity	Overturning	Death, major injury	Operative	4	4	16 Very high	1.8t machines must have jack out tracks to increase stability. Operator to jack out tracks to maximum width on 1.8t machine. Machines must not have top cab. High duty of care and attention whilst operating excavator around trenches, especially where others are working in them. Maintain safe distance away from excavation edge, ensure edge timbers/ earth bunds are in place. Operator should not cross slope with bucket raised. Excavator buckets (whether loaded or not) are not slewed directly over site operatives or vehicle cabs. Operatives working nearby to wear hard hats. Ensure that excavators with semi automatic 'quick hitch' bucket systems have safety pin in place at all times, except when bucket changing. Only operatives who have received specific training on quick hitches are permitted to change attachments on machine - buckets and boom at lowered position.	1	4	4 Low	
360 or 180 excavator in operation	Excavator boom, attachments, track	Overturning excavator, sluing boom striking object/ person, unsecured bucket falling, falling load	Death, major injury	Site personnel	4	4	16 Very high	High duty of care and attention whilst operating excavator around trenches, especially where others are working in them. Maintain safe distance away from excavation edge, ensure edge timbers/ earth bunds are in place. Excavator buckets (whether loaded or not) are not slewed directly over site operatives or vehicle cabs. Operatives working nearby to wear hard hats. Ensure that excavators with semi automatic 'quick hitch' bucket systems have safety pin in place at all times, except when bucket changing. Only operatives who have received specific training on quick hitches are permitted to change attachments on machine - buckets and boom at lowered position.	1	4	4 Low	Visual plant/ vehicle check daily before works commence; weekly plant inspections recorded. Check fluid levels, grease and top up if necessary. Inspection & Service schedule as manufacturers recommendations
Forward tipping dumper in operation	Higher centre of gravity when tipping materials, tipper mechanism, field of vision obscured by skip	Overturning, slipping into excavation where materials are being placed, obstruction under bucket	Crush injury,	Operative, persons in near vicinity	4	4	16 Very high	Skip is not overloaded and material evenly distributed. Skip lowered when travelling. When skip is raised ensured that the ground is substantially flat, level and free from debris and dumper is square to tipping point. Watch out for pedestrians High duty of care and attention whilst operating excavator around trenches, especially where others are working in them. Maintain safe distance away from excavation edge, ensure edge timbers/ earth bunds are in place. All guards in place prior to operation. Mirrors fitted and in good, clean condition. Reverse beeper and flashing beacon fitted and in working order. Cab floor kept free of obstacles. Ground workers keep clear and not to approach until signalled safe to do so by operator. Operator must not remain on vehicle during loading unless vehicle equipped with a reinforced cab or FOPS. Ear defenders worn.	1	4	4 Low	Visual plant/ vehicle check daily before works commence; weekly plant inspections recorded. Check fluid levels, grease and top up if necessary. Inspection & Service schedule as manufacturers recommendations.
Agricultural tractor with implements	PTO drive	Catching fingers in PTO	Major & minor injuries	Plant Operator, operatives working on the ground	4	3	12 High	Team working together to ensure awareness of all areas in vicinity of machine. Ensure PTO drive on tractor is off, engine off, with ignition key removed before any maintenance or connection of implements. Operatives instructed to inspect equipment before use and ensure guards in tact and in place. Implements only to be used on tractors with creeper gear box. Gloves to be worn when connecting implement to PTO drive. Match size of tractor, PTO settings and connections to implement requirements. Before start up, all other persons are warned of imminent start up and are well clear. Check ground for obstacles before operation.	4	1	4 Low	Visual plant/ vehicle check daily before works commence; weekly plant inspections recorded. Check fluid levels, grease and top up if necessary. Inspection & Service schedule as manufacturers recommendations.
Tractor mounted seeder in operation - drill, disc & multi seeder	Heavy weights, flying debris, blocked feed shutes, rollers	Entanglement, entrapment, struck by debris	Crush injury, debris in eyes, cuts, amputation	Plant Operator, operatives working on the ground	3	4	12 High	Only competent operator to use in accordance with manufacturers instructions. Position machine on level, hard surface with both rolls on ground when mounting/ dismounting tractor. Seed calibrated and applied as directed by manufacturer's recommendations. Goggles and mask worn to prevent small particle inhalation/ entering eyes. Steel toe cap boots worn. Other operatives keep well away from machine when in operation.	1	4	4 Low	Visual plant/ vehicle check daily before works commence; weekly plant inspections recorded. Check fluid levels, grease and top up if necessary. Inspection & Service schedule as manufacturers recommendations.



WHITE HORSE CONTRACTORS

SOIL AND WATER ENGINEERING FOR SPORT LANDSCAPE AND ENVIRONMENT

Work Activity	Hazard (Something with potential to cause harm)	Hazardous Event	Potential Consequences	People affected	Likelihood	Consequence	= Initial Risk Rating	Control Measures (Eliminate risk, Reduce risk, Control/Prevent access to risk, Safe System of Work, PPE)	Likelihood	Consequence	= Residual Risk Rating	Type & Frequency of Monitoring Required
Chain saw in operation	Sudden movement of chainsaw, wood dust, noise, moving parts, hot engine parts	Entanglement, entrapment, use of vibrating equipment, burns, flying debris	Eye or respiratory injury from airborne dust, HAV syndrome	Operator, operatives working nearby, public nearby	4	4	16 Very high	Competence Certificates must be held by anyone using a chainsaw on or in trees unless: work is being done as part of an agricultural operation (e.g. hedging, clearing fallen branches, pruning trees to maintain clearance for machines) by the occupier or his employee AND the operator has used chainsaw before 5 Dec 1988. ALL chainsaw operatives must be competent and have received suitable instruction, information and training. Make necessary safety checks before use. Operative must not work alone. Safe distance between other workers and machinery. PPE (* bearing the Chainsaw logo and appropriate chain speed) including safety helmet, ear defenders, eye protection, gloves*, leg & groin protection*, protective boots* and non-sag high-vis clothing.	2	4	8 Moderate	Visual check before and after each use. Report any faults or defects. Service regime in line with manufacturers recommendations.
Wood chipper in operation	Hand feeding in timber, moving machinery parts, thorns, split wood	Projectile wood chips, kick back of timber, entanglement, wood splinters or thorns entering skin	Eye or respiratory injury from airborne dust, laceration, splinters, puncture wound,	Operator, operatives working nearby, public nearby	4	3	12 High	Used in accordance with manufacturers instructions. Purchase of low noise, vibration machinery. Make necessary safety checks before use, including checking safety systems (emergency stop button & bar in working order, cleared of debris). First aid kit in near vicinity. Operative must not work alone. Safe distance between other workers and machinery. Area of blown chips to be clear from persons. Out-feed chute pointing to side of chipper and away from potential pedestrians. Area in front of feed chute clear of trip hazards. Always stand to one side of feed area. Use a minimum 1.5m length push stick to encourage small branches into the rollers, PPE including safety helmet, mesh visor or safety glasses, ear defenders, gloves, steel toe & midsole boots and non-sag high-vis clothing. Sleeves tucked in to glove cuff.	2	3	6 Low	Visual check before and after each use. Report any faults or defects. Service regime in line with manufacturers recommendations.
Vibration plate compactor (Wacker) in operation	Vibrating equipment, dust, hot engine	Using vibrating equipment over recommended maximum time, confined space allowing build up of fuel fumes, contact with hot engine	Hand Arm Vibration Syndrome, burns, breathing difficulties	Operative	4	3	12 High	Select equipment suitable for the task. Ear defenders & steel toe cap boots worn, legs covered to protect from debris. Dust mask if material compacted is dusty. Gloves to be worn when working with cement. Inform personnel nearby that you're about to start the machine. Clothing to be close fitting, long hair tied back, loose jewellery removed. Not to be used in a confined space. Equipment allowed to cool before moving.	1	3	3 Negligible	Visual plant/ vehicle check daily before works commence; weekly plant inspections recorded.
Using wet concrete	Abrasive, high alkalinity	Skin/ eye contact with concrete	Burns	Operative	5	4	20 Very high	Extreme care to be taken when working with wet concrete. Only competent persons to use/handle the product in accordance with manufacturers instructions. When using do not eat, drink or smoke. Avoid skin contact with wet product. Avoid kneeling in concrete or cement. If unavoidable ensure waterproof clothing is worn. Always wash hands after use and before eating, drinking or smoking. P.P.E required to cover all areas of skin: impervious gloves, Hi-viz gloves, goggles, PVC overall, Safety boots. Do not tuck overalls into wellingtons/ boots. Further information provided on COSHH assessment.	2	4	8 Moderate	