GROUND WORKS RISK ASSESSMENT		Prepared by project Site Manager				Date risk assessment carried out on site	
For low-risk hous	se gardens and drives only	Please print full name:	Signature of site mana	ger accepting responsibility for the	ir risk assessment and enforcing the controls listed.		
Location			•			Job Ref	
At Risk	✓ Employees ✓ Contractors & other visitors	<u> </u>		✓ Children ✓ Pets	==	Company & private pro	
Hazards	Who might be harmed and how RISI without co	Standard Controls that should be	RISK with controls	Site Manager	Extra controls required to reduce risk t level. Use Ext. sheet if necessary	O sale	fter extra controls everity Risk
✓ Slips and Falls	Any person on site may slip and fall and suffer abrasions, cuts and broken limbs. A higher risk exists if there are trenches and excavations people can fall into and become trapped with risk of more serious injury or death.	Access to site to be restricted to individuals who received site safety induction. Keep site tidy and from obstructions. Clear rubbish as you go. Erect barriers to prevent falls into trenches and excaval and provide means of escape. Saff to wear stipul. PPE (Hi-Viz). Segregate and maintain obstructionand clearly marked pedestrian pathways.	ions 5	Standard controls enforced on site		x	
Manual Handling	Workers may suffer muscular- skeletal injuries such as sprains and strains. Carrying heavy loads that slip and fall may cause cuts, bruising, crushing injuries and broken bones.	All workers to observe recommended HSE technig lifting heavy or awkward objects. Ensure sufficien personnel or lifting equipment is available to safel and move heavy items. Breakdown large loads to smaller ones. Provide asfe storage areas that pres risk to placing or removing items.	y lift 5	Standard controls enforced on site		х	
Moving and operating plant and vehicles on site	Workers may suffer crushing or impact injuries by being hit by rotating or moving heavy plant. Moving vehicles may fall into unmarked excavations or topple down steep slopes or banks. Failure to separate pedestrian and vehicles routes increase chances of collissions. Moving vehicles may come into contact with overhead service cables. Poorly maintained plant may fall and cause injuries to operators.	Segregate pedestrian and vehicles and allow for sexclusions zones. Use one way systems that avoic vehicles having to reverse or turn in restricted are overhead cables present, put in place goal-post great with height restriction bar. Arrange a separate loading/unloading area. All people to wear Hi-Viz. Vehicle movements to be planned and co-ordinat all times. Only trained and licensed operators to uplant & machinery, with spotters and banksmen in place. All machinery and heavy plant to be inspect ensure they have been properly serviced and maintained in accordance with operating licenses manufacturers' instructions.	as. If as. If let a state state seen an eled to	Standard controls enforced on site		x [
Digging Trenches and Excavations	Danger of coming into contact with underground services leading to electrocution, and injuries resulting from explosion, water (drowning) and gas escape (asphysiation). Danger of undermining foundations of nearby structures causing collapse, or undermining the structure of banks and ditch walls causing land sildes, especially if the ground is water-logged.	Examine all available site plans, carry out visual inspections to note position of manhole covers, w. street lights and carry out CAT scans to identify lik location of services. Excavators to be only operate competent, licensed operators with banksmen in attendance at all times. Final depth to cleared by trained in safe digging practices. Treat all pipes an cable as alive until proven otherwise. Have in place mergency procedure for unintentional service st Evaluate if it is safe to dig with respect to surroun structures.	staff dd e an rikes.	Standard controls enforced on site		x	
Working in Trenches and Excavations	Danger of people be trapped in excavations and suffering injuries from prolonged exposure of extreme temperatures, drowning if space fills with water, or asphyxiation if heavier than air, noxious gases flow into the trench or excavation (vehicle exhaust fumes or chemical reactions). Danger of abrasions, cuts, breakages and death by collapsing excavation walls.	Provide ladders or hop-ups to prevent individuals becoming trapped in excavation. Ensure vehicles: kept well away from excavations not only because the danger of their exhaust gases, but the vehicle weight as they pass by may precipitate a collapse excavation wall. Ensure trench and excavation was securely supported and braced. Remove or take streduce the risk of flooding the trench with water noxious gases arising from the unforeseen reaction them to the strength of the st	e of so of the lils are teps to or or ons of c of as	Standard controls enforced on site		×	
Biological Hazards	Workers may become ill from coming into contact with infective micro-organisms present in stagnant water or the soil. Presence of vermlin increases risk of infection. Poor hyglene due to inadequate washing facilities can lead to infection as workers eat and drink.	All staff to wear appropriate water-proof clothing gloves and boots to minimise skin contact with so Educate workers of the dangers of contracting Leptospirosis (Wells Disease) and other water-boo infections. Provide adequate welfare and washing facilities that allow workers to remove dirty clothi and wash before drinking and eating food. Ensure staff are up to date on Tetanus and Hepatitis inoculations.	urn 5	Standard controls enforced on site		x	
Site Access and Egress	Slow-moving vehicles entering or leaving a site present a hazard to oncoming traffic, especially if line of sight is compromised by a line of heavy vehicles waiting to enter the site. Excess mud on the road at exits only serve to reduce breaking distances of on-coming traffic and increase the chances of a collision.	Arrange a one-way traffic system so that vehicles through one entrance and leave by another. Impline-of-sight at entrances and exits. Have any entr barriers set well back into the site so stopping well clear of the main road. Erect site-entrance' or sit warning signs for approaching traffic and have banksmen sualiable to assist large vehicles leaving site. Avoid vehicles obstructing the road way by pup as they await their turn to enter the site.	rove ance icles e exit'	Standard controls enforced on site		x	
√ Environment	The safe storage, transport and disposal of waste and spoil to designated waste tips reduces the chances of accidentally causing harm to neighbours and the environment.	Use waste-disposal trained staff and appropriate licensed and covered vehicles to carry spoil and w from the site to waste tips for disposal. Review th weighbridge tickets to ensure vehicles are not car illegal excessive weights. Maintain vehicles.		Standard controls enforced on site		x	
✓ Electric and Gas	People may receive electrical shocks or burns from using faulty electrical equipment or touching exposed live wires. Electrical faults can lead to fires. Gas leaks can asphyviate or cause fires and explosions.	Only qualified electricians and gas engineers to w appliances present. Use plug-in RCD's if a RCD M Board is not fitted. Only used approved extension Do not work near open wall sockets or light fitting Avoid use of electric tools and hot works if main G system is being worked.	ain leads. is.	Standard controls enforced on site		x	
Fire and other emergency	Fires can cause fatal, acute and long-term injuries from burns and smoke inhalation. Gas leaks or chemical spills can cause asphyxiation, contact chemical burns and systemic poisoning.	CDM Plan to nominate Fire Assembly Point if one in place. Ensure suitable fire fighting equipment is hand. In an incident, the Senior Marisco staff me to assume responsibility for ensuring all staff are sevacuated and the alarm raised.	to mber	Standard controls enforced on site		x	
PPE To be worn	Safety Boots and Hi-Viz	Hard Hats FFP3 Masks	Gloves & for mixing		iloves, Goggles and Ear Defenders fo and/chop saws, grinding wheels, et		adios or using mobile ile working on site
Nearest A&E Dept:				of Fire or other	r emergency dial 999		k to: 0800 111 999
	elihood % Unlikely to happen 1	Severity of F No risk to short-term or long-term health or su		njury	Calculated Risk	Action P -ow Risk - No extra contro	
2 Remote: 5%-35%	May occur at sometime 2	Remote risk to health or sustaining minor injur	ries treatable by site	e first aid	6 - 15	ntroduce extra controls t	o reduce risk
	6 Could occur at sometime 3 5% Very likely to occur 4		personal injury requiring medical attention at A&E Department isk of personal injury resulting in more than 7 days off work			Only under supervision of Do not proceed as the ris	
4 Probable: 65%-95% Very likely to occur 4 Moderate risk of personal injury resulting in more than 7 days off work 5 Very probable: 95%-100% Almost certain 5 High risk of life-changing injury, long-term chronic illness, cancer and death Make reference to the Company CDM Plan when assessing risk							
MARISCO TEL No: 01202 474001 Certified Workers: are personnel who have undergone relevant and approved H&S training within the last 14 months.							

approved H&S training within the last 14 months.

this site. They confirm they will abide by the instructions given to them by supervising staff and comply with the safe working practises recommended in the CDM Plan to minimise the risks of harm and injury to themselves and others. By signing this risk assessment, any labour-only or bona fide contract worker confirms they have undergone adequate health and safety training relevant to this risk assessment within the last 14 months.						
Date	Company	Please print name legibly	Sign here			
Date	Сотрану	Please print name legibly	Sign here			
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Date	Company	Please print name legibly	Sign here			
MARIS	CO TEL No: 0120	2 474001	Certified Workers: are personnel who have undergone relevant			

All workers (employees and contractors) must sign this Risk Assessment to confirm they are aware of the hazards and risks to their health, safety and welfare by coming onto