Client:	Eryri National Park Authority
Project:	Yr Hen Stablau - Betws y Coed
Stage:	RIBA 4
Document Ref.:	0134-CDM-001-01
Date:	19/11/2026
Document:	Designers Risk Assessment Register for External Works

MAKE SPACE

Severity
Rating 0 = No injury or illness
Rating 1 = First aid injury or illness
Rating 2 = Minor injury or illness
Rating 3 = "3 day" injury or illness
Rating 4 = Major injury or illness
Rating 5 = Fatality, disabling injury etc.

Likelihood
Rating 0 = Zero to very low
Rating 1 = Very unlikely
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S = Severity							
5	0	5	10	15	20	25
4	0	4	8	12	16	20
3	0	3	6	9	12	15
2	0	2	4	6	8	10
1	0	1	2	3	4	5
0	0	0	0	0	0	0
	0	1	2	3	4	5
	L = Likelihood					

Risk = Likelihood x Severity

DESCRIPTION	REF.	ACTIVITY / HAZARD	RISK OF..	RISK TO…	Risk L	S	RRN	DESIGN ACTION / CONTROL MEASURES	Residual Risk L	S	RRN	OWNER	RESIDUAL RISK	CONTRACTORS (or others) MEASURES
		SITE SAFETY												
Roadside working	1.01	Moving traffic	Road traffic accident	Operatives Third parties	2	3	6	Trained staff , local knowledge High visibility clothing Hazard warning lights and signs on vehicle Work scheduled to avoid peak periods Banksmen to be used for all vehicles manouvering on or near the site. Construction Phase Plan to be provided by the Contractor. The contractor must liaise with local authority representatives, and developing the phasing plan, to ensure local businesses and pedestrians are not adversely affected. HSE's subject guidance - useful reference tools, include: Avoiding danger from underground services https://www.hse.gov.uk/pubns/books/hsg47.htm The safe use of vehicles on construction sites: A guide for clients, designers, contractors, managers and workers involved with construction transport https://www.hse.gov.uk/pubns/books/hsg144.htm Protecting the public: Your next move https://www.hse.gov.uk/pubns/books/hsg151.htm Health and safety in construction https://www.hse.gov.uk/pubns/books/hsg150.ht	1	2	2	Main contractor	Low risk remains but reduced	Site Management & Control - Contractor to implement appropriate safety regime
Operating in public spaces	1.02	Children & other people in work area (dogs) Moving machinery & vehicles Flying debris from machinery	Various injuries Operative distracted Contact or entanglement with vehicles or machinery Being struck by flying debris	Operative Public	2	3	6	Work scheduled during least busy periods Machinery / equipment never left unattended & put away after use. Trained operators Local knowledge/awareness of hazards No lone working Construction Phase Plan to be provided by contractor.	1	3	3	Main contractor	Low risk remains but reduced	Buffer zones / barriers in place to protect site. Signage to direct pedestrians alternative routes during works.
		LIVE SERVICES												
Services	2.01	Contact with services while installing proposed design elements	Striking services (electric, gas, fresh water foul water) Electrocution	Operatives	1	4	4	Designs feature moveable above ground features where possible. For any ground fixings, and cycle hoops, services to be identified by Principal Contractor. Employ competent contractor, who shall undertake CAT (cable avoidance tool) scan and provide risk assessment and method statement prior to commencement of works and to ensure appropriate safety measures are put in place during works.	1	4	4	Main contractor	Risk remains but reduced	Method Statements required. Site Management & Control - Contractor to implement appropriate safety regime/measures.

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L = Likelihood
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DESCRIPTION	REF.	ACTIVITY / HAZARD	RISK OF..	RISK TO…	Risk L	S	RRN	DESIGN ACTION / CONTROL MEASURES	Residual Risk L	S	RRN	OWNER	RESIDUAL RISK	CONTRACTORS (or others) MEASURES
Use of lifting equipment for delivery of street furniture items	2.02	Contact with overhead cables	Electrocution	Operatives	2	4	8	RAMS required from contractor prior to works taking place.	1	4	4	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required.
		HARD LANDSCAPE WORKS												
Installation of seating	3.01	Installation of seating	Personal injury; muscular, danger of crushing	Operatives	3	3	9	Obtain weights from manufacturer, ensure operatives are aware prior to lifting, ensure method statement is compliant with manual handling regulations. Utilise mechanical lifting equipment. Protective clothing (PPE) required, comply with manual handling regulations.	2	2	4	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
Lifting / carrying raised planters	3.02	Installation of planters	Falls Muscular injuries	Operatives	2	3	6	Use mechanical handling equipment where required. Protective clothing (PPE) required, comply with manual handling regulations. Installation as per manufacturers instructions. Modular construction. To be constructed as close to final position as safely possible to minimise handling.	1	3	3	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
Delivery and installation of large steel planters through restricted archway access	3.03	Installation of planters	Personal injury; muscular, danger of crushing	Operatives Members of Public	2	4	8	Planters suplied in components - assemble as close to final position as reasonaby possible. Use mechanical lifting equipment where required. Protective clothing (PPE) required. Employ competent contractor, who shall provide risk assessment and method statement prior to commencement of works. Restrict public access, high visibility clothing, banksmen for vehicle manouevering	1	4	3	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
Future relocation of planters	3.04	Movement of planters	Personal injury; muscular, danger of crushing	Operatives Members of Public	2	4	8	Empty planters of topsoil and plants prior to attempting to move. Materials can be stock piled and/or stored for reuse. Use mechanical lifting equipment where required. Protective clothing (PPE) required. Employ competent contractor, who shall provide risk assessment and method statement prior to commencement of works. Restrict public access, high visibility clothing, banksmen for vehicle manouevering.	1	4	3	Site/ Specialst Sub Contractor on behalf of client	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
		SOFT LANDSCAPE WORKS												
Delivery of topsoil & mulch materials	4.01	Delivery of bulk topsoil & mulch materials	Personal injury; muscular, danger of crushing, road traffic accident	Operatives Members of Public	2	4	8	No loose topsoil or mulch deliveries accepted, all material to be bagged, and manually wheelbarrowed into courtyard. Plan deliveries out of core operating hours of courtyard, restrict public access, high visibility clothing, banksmen for vehicle manouevering	1	4	4	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used

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Watering	4.02	Trip hazards from hosepipes and water spillage	Injuries from tripping, slipping and falling	Operatives Members of Public	3	2	6	Reservoir system specified to minimise frequency of watering. Employ competent contractor, who shall provide risk assessment and method statement prior to commencement of maintenance works. Provide appropriate warning signage, watering to take place out of core operating hours of the courtyard.	2	2	4	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
		MAINTENANCE OPERATIONS												
Maintenance: Use of hand tools (spades/forks etc.)	5.01	Incorrect use / misuse of tools	Stabbing injuries to feet and legs or other injuries	Operator	3	2	6	Staff training/awareness Tools purchased from reputable supplier and maintained in good condition Correct tools for job Regular inspections & defect reporting system Defective items removed from use Safety boots/protective gloves	3	1	3	Site/ Specialst Sub Contractor	None	
Maintenance: Watering	5.02	Trip hazards from hosepipes and water spillage during jet washing of surfaces	Injuries from tripping, slipping and falling	Operatives Members of Public	3	2	6	Reservoir system specified to minimise frequency of watering. Employ competent contractor, who shall provide risk assessment and method statement prior to commencement of maintenance works. Provide appropriate	2	2	4	Site/ Specialst Sub Contractor	Risk remains but reduced	Method Statement required. Site Management & Control - Specialist contractor to be used
Maintenance: Ground maintenance vehicles	5.03	Adverse weather or road conditions	Road traffic accident Impact with other vehicles or structures (off road) Road rage incident Damage to vehicle	Operatives Third parties	2	4	8	Vehicle training/local knowledge Appropriately licensed drivers First aid kits on vehicles	1	4	4	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
Maintenance: Ground maintenance vehicles	5.04	Parking	Road traffic accident Impact with other vehicles or structures (off road) Road rage incident Damage to vehicle	Operatives Third parties	2	4	8	Drivers to park safely avoiding obstruction, appropriately licensed drivers, designated parking zone shown on contractors construction phase plan	1	4	4	Maintenance contractor	Limited risk remains.	
Maintenance: Ground maintenance vehicles	5.05	Reversing	Various injuries	Operatives Third parties	2	4	8	Well placed mirrors Vehicle seen back by colleague in difficult conditions	1	4	4	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
Maintenance: Ground maintenance vehicles	5.06	Loading / unloading vehicles Unsecured loads	Muscular injuries Loads falling off vehicle Road traffic accident	Operatives Third parties	2	4	8	Operatives trained in correct manual handling methods Loads secured, netted or sheeted.	1	4	4	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
Maintenance: Litter Picking	5.07	Waste material	Infection Personal Injury e.g. cuts, grazes, skin punctures	Operatives	2	3	6	Staff training/awareness Litter picking tongs Protective workwear incl. Industrial gloves, safety boots, overalls Personal first aid kit Good personal hygiene encouraged Immunisation against Tetanus and Hepatitis B advised Good quality litter sacks to lessen risk of splitting Operatives advised to carry sack away from legs.	1	3	3	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.

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Maintenance: Litter Picking	5.08	Lifting / carrying sacks	Muscular injuries	Operatives	2	3	6	Manual handling instruction	1	3	3	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
Maintenance: Leaf clearance (by hand)	5.09	Unseen sharp objects	Cuts/abrasions, Stabbing injuries Illness/infection or other injuries Contaminated work wear	Operatives	2	3	6	No leaf clearance by ungloved hands Contractor to utilise appropriate PPE.	1	3	3	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
Maintenance adjacent to public users following project completion	5.1	Maintaining planters & furniture	Personal injury	End Users / Members of Public	2	3	6	Design & specification of planting, planters and furniture designed to require low levels of ongoing maintenance. Maintenance contractor to ensure temporary segregation arrangements for members of the public during maintenance operations.	1	3	3	Maintenance contractor	Limited risk remains.	Contractor to implement appropriate saftey measures.
		OTHER												
Operational: Drainage	6.01	Dangers arising from poor drainage ponding water / surface ice	Road traffic incidents / pedestrian slips and falls	End Users / Members of Public	2	3	6	Furniture positions and design planned to ubobscure flow of water to existing drainage gullies. Contractor to ensure on site that this intent is maintained and that furniture does not obstruct movement of water. Ensure leaf clearance to ensure drainage working as designed.	1	3	3	Contractor	Limited risk remains.	Ensure adequate maintenance contract is in place.