

DESIGN RISK ASSESSMENT	Doc Ref: DRA_HA035	TENDER	Haslam & Co. Architects The Chocolate Factory Arts Centre. 26 Kings Inn Street, Dublin 1, Ireland T+353-(0)1442 3539 www.haslamco.com info@haslamco.com

	<u>Designers Risk Assessment to be completed by:</u>		DESIGN TEAM:
Project: HA035_COCC extension Ref:HA032	Architect ☒ Structural Eng ☐ Civil Eng ☐ Mechanical Eng ☐ Electrical Eng ☐ Landscape Arch ☐	QS ☐ Specialist Des ☐ Specialist Supplier ☐ Temporary Works Designer ☐ Contractor ☐ Client ☐ Other ☐	Architects: Haslam & Co Architects Structural Engineers: CORA consulting Civil Engineers: CORA consulting Mechanical Engineers: Renaissance Engineering Electrical Engineer: Renaissance Engineering Quantity Surveyors: McGahon Surveyors Landscape Architects: - Others: -
Client: COCC PSDP: Mike Haslam Safety Coordinator: Mike Haslam	Stage: Feasibility ☐ Preliminary ☐ Detail ☒ Construction ☐ Maintenance ☐		

Assessment Undertaken By MH					Date of assessment: Jan 2025				Date returned to PSDP: Jan 2025				Sheet 1 of 6		L = Likelihood S = Severity R = Risk (R = L x S)	
Note: The following is a non-exhaustive generic list of possible hazards / risks for guidance purposes only. Assessor to augment as necessary.																
	HAZARDS	RISK			PERSONS WHO WILL BE AFFECTED				RISK CONTROL MEASURE TO BE UNDERTAKEN IN ORDER TO ELIMINATE HAZARD / REDUCE RISK TO AN ACCEPTABLE LEVEL. COMMENT /DESIGN INTERVENTION	RESIDUAL / PARTICULAR RISK/ OTHER INSTRUCTION		INFORMATION / CONTROL OF RESIDUAL RISK / PARTICULAR RISKS TO BE PASSED ONTO AFFECTED PERSONS VIA RISK REGISTER AND PRELIMINARY SAFETY AND HEALTH PLAN. CONTRACTOR / OTHER PARTY INTERVENTION				
		L (1-3)	S (1-3)	R (LxS)	Public	Const Persons	Third Parties	Others		Y	N					
	ACCESS/EGRESS	1	1	1	x	x			<u>Action:</u> Main road usage, construction traffic in residential environment poses hazards to pedestrians and cyclists Contractor to guide trucks into and out from site. No parking on double yellow lines.	Y		Main road usage, construction traffic in residential environment poses hazards to pedestrians and cyclists Contractor to guide trucks into and out from site.				
	UNCONTROLLED ACCESS BY 3 RD PARTY	2	1	2	x	x	x		<u>Action:</u> Site security fencing required to be installed as first site activity. Security of existing building to be maintained at all times.	Y		Site security fencing required to be installed as first site activity.				
	CONTROL OF SITE AREA	2	1	2	x	x	x		<u>Action:</u> Site security fencing required to be installed as first site activity. Security of existing building to be maintained at all times.	Y		As above				
	LOCATION OF SITE COMPOUND	1	2	2	x	x	x		<u>Action:</u> To be agreed with contractor bearing in mind issues of security and site access	Y		To be agreed with contractor bearing in mind issues of security and site access				

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	ADJACENT BUILDINGS	2	1	2	x				<u>Action:</u> Proximity to existing building. Noise and vibration reduction measures to be introduced.	Y		Proximity to existing building. Noise and vibration reduction measures to be introduced.
	ADJACENT ACTIVITIES	1	2	2	x	x	x		<u>Action:</u> The existing centre and adjacent play area will remain open for the duration of the building contract. Clear separation of construction and general public must be maintained at all times	Y		The existing visitor centre and adjacent gardens will remain open for the duration of the building contract. Clear separation of construction and general public must be maintained at all times
	WORKS NEAR BOUNDARIES	1	1	1	x	x			<u>Action:</u> To the front of the site is the boundary to the road, it is important that this is maintained secure at all times	Y		To the front of the site is the boundary to the road, it is important that this is maintained secure at all times
	WORKING ON / NEAR PUBLIC HIGHWAY	1	1	1	x	x	x		<u>Action:</u> road usage, construction traffic in near environment poses hazards to pedestrians and cyclists. Contractor to guide trucks into and out from site.	y		road usage, construction traffic in near environment poses hazards to pedestrians and cyclists. Contractor to guide trucks into and out from site.
	UNDERGROUND SERVICES	2	3	6	x	x	x		<u>Action:</u> Existing services in building and main sewerage pipe to corner of site	Y		Ensure as built services drawings are available for all contractors. Liaise with water company, ESB and Bord Gais prior to starting work. Check GPRS survey for location of main sewerage
	OVERHEAD SERVICES	1	2	2		x			<u>Action:</u> Liaise with ESB prior to starting work	Y		Liaise with ESB prior to starting work.
	WORKING WITH/IN VICINITY OF ELECTRICITY	2	3	6	x	x	x		<u>Action:</u> Existing services in building and electrical cable to roadside of both existing and proposed building.	Y		Ensure as built services drawings are available for all contractors. Liaise with water company, ESB and Bord Gais prior to starting work. Check GPRS survey for location of electrical cable

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	SITE CLEARANCE & DEMOLITION	1	2	2	x	x			<u>Action:</u> Limited demolition but to be carried out with protection for public.	Y		Limited demolition but to be carried out with protection for public.
	FALLING FROM HEIGHT (AGGRAVATED BY CONDITIONS)	1	2	2		x			<u>Action:</u> Working at height on a one-storey building;	Y		Works to be carried out from scaffold/ safety harness.
	BURIAL UNDER EARTH FALLS	1	2	2		x			<u>Action:</u> Excavation for foundations and pipe work.	Y		Adequate shoring and support required for trenches/pits; adequate fencing and marking to protect trench from collapse or fall
	WORKING IN OR NEAR EXCAVATIONS	1	2	2		x			<u>Action:</u> Excavation for foundations and pipe work	Y		Adequate shoring and support required for trenches/pits; adequate fencing and marking to protect trench from collapse or fall Hand excavation only in vicinity of electrical cable
	ENGULFMENT IN SWAMPLAND								<u>Action:</u> n/a			
	CHEMICAL OR BIOLOGICAL SUBSTANCES	1	2	2		x			<u>Action:</u> Glues in bonding of roofing membranes	Y		Adequate ventilation required when working with glues in bonding of roofing membranes

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		L (1-3)	S (1-3)	R (LxS)	Public	Const Persons	Third Parties	Others		Y	N	
	RISK OF DROWNING								Action: n/a			
	WORK ON WELLS, UNDERGROUND EARTHWORKS AND TUNNELS								Action: n/a			
	WORKS CARRIED OUT BY DIVERS								Action: n/a			
	UNSTABLE GROUND	1	2	2		x			Action: Excavation for foundations and pipe work.	Y		Adequate shoring and support required for trenches/pits; adequate fencing and marking to protect trench from collapse or fall
	DEEP EXCAVATIONS								Action: n/a			
	IONIZING RADIATION								Action: n/a			
	WORK NEAR HIGH VOLTAGE POWER LINES	2	3	6	x	x	x		Action: Electrical cable to roadside of both existing and proposed building.	Y		Liaise with ESB prior to starting work. Check GPRS survey for location of electrical cable
	FORMING OF OPENINGS	1	2	2	x	x			Action: Areas of demolition required to create openings into existing building. Adequate propping required to existing structure, protection of public from falling masonry and protection from dust required			Areas of demolition required to create openings into existing building. Adequate propping required to existing structure, protection of public from falling masonry and protection from dust required
	MANUAL HANDLING	1	2	2		x			Action: lifting of heavy prefabricated elements (i.e. precast concrete slabs)	Y		Standard guidelines on manual lifting and carrying to be followed, all site staff with safe pass qualification.
	GLAZING –HANDLING	2	2	4		x			Action: Large areas of glazing to ground floor	Y		Follow standard guidelines on handling of glazing.

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	GLAZING –SAFETY GLASS	2	2	4		x			Action: Large areas of glazing to first floor balustrade	Y		Follow standard guidelines on handling of glazing.
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	CONFINED SPACES								Action: n/a			
	FRAGILE ROOFS OR MATERIALS	1	2	2		x			Action: Existing roofs and higher glazing to be protected during construction work.	y		Contractor to implement proper marking and barriers
	NOISE	1	2	2	x	x	x		Action: See waste and environmental management plan for noise management plan.	Y		Contractor to implement waste and environmental management plan
	HOUSEKEEPING	1	1	1	x	x			Action: Identification of site compound and security; Identification of site material storage and handling areas	Y		Contractor and CA to liaise
	SUN EXPOSURE	1	1	1		x			Action: Summer external working – sun protection required			Summer external working – sun protection required
	HAZARDOUS MATERIALS	1	2	2		x			Action: Glues in bonding of roofing membranes	Y		Adequate ventilation required when working with glues in bonding of roofing membranes
	WEATHER	2	2	4	x	x			Action: Wind pressures and suctions on unsecured building materials	y		Ensure all building materials are correctly secured during construction and post construction

	BUILDING OCCUPANTS								Action: No partial possession is required			
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	FIRE SAFETY	1	3	3	x	x	x		Action: Standard fire prevention procedures.	Y		Standard fire prevention procedures.
	FIRE SAFETY FOR NEAR COMPLETED BUILDING	2	2	4	x	x			Action: No specific designed in risk however, general level of risk for all sites	Y		Main contractor to be responsible for ensuring site services, flammable materials and any other fire hazards are separated, not left live and that site security is in place to prevent vandalism
	CONFINED SPACE WORK								Action: n/a			
	WORKING NEAR/ON WATER								Action: n/a			
	OTHER								Action: n/a			

I / We confirm that the above risks have been assessed in accordance with the Principles of Prevention as outlined in Schedule 3 of the SHWW Act 2005 and in accordance with Regulations 11 and 15 of the SHWW (Construction) Regulations 2006 and updates 2013.

Designer(s).....Mike Haslam.....

Date 12/01/25

PSDP..... Mike Haslam

Date 12/01/25