

 D.Fallon Consulting Engineers				Design Risk Assessment (Refer to Designer' H&S Plan for Project H&S Requirements)							
Project Name:		Extension at Queen of Angels, Sandyford, Dublin		Project Number.:		D2104		File Ref:		D2104SF0003	
Package or Element:		Health & Safety File 130		Design Stage:		Stage 2a/2b		Date Completed:		12/06/2026	
Originator:		Liam McGrath		Reviewer:		Damien Fallon		Approver:		Damien Fallon	
PSDP:		CSME (Chris Mee Group)									
No.	Activity	Hazard Identified	Design Measures Taken to Eliminate or Reduce the Hazard and/or Further Action Required?	Solutions Considered Not Reasonably Practicable and/or Presumed Methods of Construction	Information Provided About the Residual Hazards *						
1	Demolition Works	Falling Debris, etc...	Appropriate temporary works methods statement to be reviewed for competent contractor to safely carryout works Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised: 12.06.2026					
						Action Required By: (name) PSDP					
						Date Actioned:					
2	Concrete works – paths, etc	Hazardous materials, concrete additives, skin irritation, working with rebar, etc	Use of workable design mixes for ease of placing concrete, check health and safety data for any concrete additives, use smaller diameter reinforcing bars for easier handling. Construction & Environmental Management Plan to be prepared and implemented.	Use of self-compacting concrete –expensive and no local supplier.	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised: 12.06.2026					
						Action Required By: (name) PSDP					
						Date Actioned:					

3	Installation of precast units/ lintels, steel beams.	Crushing of limbs, unstable lifts	215mm wall / Block work piers with Bearing Pads provided where units bear onto a wall. Construction & Environmental Management Plan to be prepared and implemented. Lift plan to be prepared and implemented	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	
4	Site Access for Large Construction Vehicles	Clash with overhead power cables Site restrictions due to urban school environment	Install predefined access route to define a safe route for the work vehicles & ensure an experienced & competent site foreman is on site. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	
5	Working within a live school environment	Potential interaction with students/staff	Install predefined access route to define a safe route for the work vehicles & ensure an experienced & competent site foreman is on site. Construction activities limited to clearly defined and secured work area with staff and students precluded from entering. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	

6	Services - Working next to existing Services	Damaging / encountering services during works	Underground Utility Survey commissioned and executed. Drainage and water supply services designed cognisant of existing services. UUS output to be included in information pack issued to Contractors at Tender Stage. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	
7	Drainage Works – laying new sewers and services.	Burial under earthfall, falling from heights and works involving heavy plant, overturning etc.	Keep trench depths to a minimum where possible by using shallow gradients on pipes. Keep pipes sizes as small as possible by incorporating SUDS design principles. Contractor to ensure safe systems of works are carried out on site, trench boxes etc. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	

8	Concrete works – foundations, RC flat slab, etc	Cutting, scabbling at construction joints	Make concrete pours as large as possible to eliminate the need for construction joints. If construction joints required prepare joint before concrete hardens. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	
9	Falling from a height.	Vertical access to buildings, works to roof.	Safe working platforms to be provided. Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	
10	Construction Storm Runoff	All construction storm runoff to be segregated and dealt with onsite without entering nearby roads	Construction Management Plan to be implemented to address same Construction & Environmental Management Plan to be prepared and implemented.	N/A	Preliminary Health & Safety Plan and to PSDP.	Date Issue Raised:	12.06.2026
						Action Required By: (name)	PSDP
						Date Actioned:	

