

WHS RISK REGISTER FOR THE DESIGN OF BUILDINGS AND STRUCTURES

Project Name:	Project Manager:	Date Building of Hand Over:
Design Consultants:		
Qualifications, skills, experience:		

<i>Hazard Identified</i>	<i>Risk Level</i>	<i>Risk Controls</i>
<i>Access and Egress</i>		
Risks associated with building access. For example egress in and out of the building and access controls (CCTV).		
<i>Architectural</i>		
Risks associated with the architectural design of the building including BCA requirements, access for maintenance and ergonomic design.		
<i>Confined Space (if applicable; for example rain water harvesting tanks)</i>		
Risks relating to work in enclosed spaces. For example working in rain harvesting tanks and access for maintenance.		

Hazard Identified	Risk Level	Risk Controls
Dangerous Goods and Hazardous Substances		
Risks relating to the storage and handling of dangerous goods and hazardous substances by building users.		
Demolition		
Risks relating to demolition works.		
Drainage and Flooding		
Risks relating to drainage and flooding for general building use and access to these systems for maintenance purposes.		
Electrical Maintenance Access		
Risks relating to access to electrical services for maintenance purposes.		

<i>Hazard Identified</i>	<i>Risk Level</i>	<i>Risk Controls</i>
Emergency Procedures		
Risks relating to fires and other emergency situations requiring emergency procedures.		
Environmental Management		
Risks relating to the management of environmental impacts resulting from the ongoing operation of the building. For example air emissions, liquid discharges and disposal of waste.		
Fire		
Risks relating to fire and access to wet or dry fire systems for maintenance work.		
Hydraulic Design		
Risks relating to the design of hydraulic operated plant and equipment including access for maintenance work.		

<i>Hazard Identified</i>	<i>Risk Level</i>	<i>Risk Controls</i>
Laboratory Layout		
Risks relating to the use of lab spaces including access for maintenance work.		
Landscape		
Risks relating to landscape design including access for maintenance work.		
Lift		
Risks relating to the design of lift plant including access for maintenance.		
Working at Heights		
Risks relating to the design of roof including access for maintenance.		
Lighting		
Risks relating to lighting for the finished building including maintenance access.		

Hazard Identified	Risk Level	Risk Controls
Mechanical Ventilation		
Risks relating to air and ventilation systems including maintenance access.		
Movement of Materials, Plant and Vehicles		
Risks related to the movement of plant and materials, and the space required for their safe movement.		
Noise		
Risks relating to acoustics and excessive noise.		
Structural		
Risks relating to structural aspects of design including the effect strength and stability from permanent and temporary loads borne by the structure itself.		

<i>Hazard Identified</i>	<i>Risk Level</i>	<i>Risk Controls</i>
Traffic Management		
Risks associated with the movement of traffic in and out of the building.		
Waste Management		
Risks associated with the build up of waste including storage, disposal and removal of waste by the University and external parties.		
Other		
Identify any other risk that has not been captured above.		

I am suitably qualified and experience preparing this risk assessment for this project and in the design of building and structures as indicated above.	
Name:	
Signature:	Date: