

Building Details		
Building Name: AHMS Building No: WE02	Date of Inspection: 22/09/2023	Risk
	Keys required: Swipe card (lift) & Roof access	Medium

- Right of Access Permit is only for visual inspection and a different permit is required before commencing any work on the roof.
- Handrails and parapets are not a fall arrest system unless part of a submitted SWMS.
- If using a harness attached to an anchor point/static line, all workers must have current Working at Heights training and anchor points/static lines must have been certified in the last 12 months.

The roof consists of three separate areas:

- Centre: The main plant area (13052). A plant room with no roof.
 Raised walkway (southern side), access by stairs in S/W corner.
 Raised walkway (northern side), access by stairs in N/E corner.
- Eastern: Accessed from Northern walkway.
- Western: Separate area accessed by a ladder and hatch from room 13004.

Centre

Exit the goods lift (eastern lift) on level 13. Proceed through room 13038 to the fire door opposite the lift. Enter the stairwell (space 13036). Access to the plant area is through door labelled 13050. (Refer photograph.) Alternatively, exit the western lift on level 12. Turn right through the dental waiting room (1201) to the exit door in the Southwestern corner. Climb the stairs (12028) to level 13. Access to the plant area is through door labelled 13007 at the top of the stairs.

Northern and Southern Walkways

Accessed from locked gates in the centre area.

Western Roof Area

Access centre plant area (refer above) and proceed to door labelled "13004 Plantroom" on the western wall. Roof access is via stairs and hatch from room 13004.

Eastern

Accessed from Northern walkway.



Door 13050



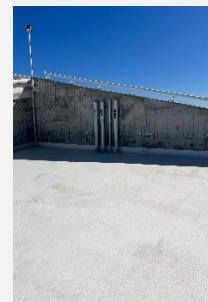
Northern walkway



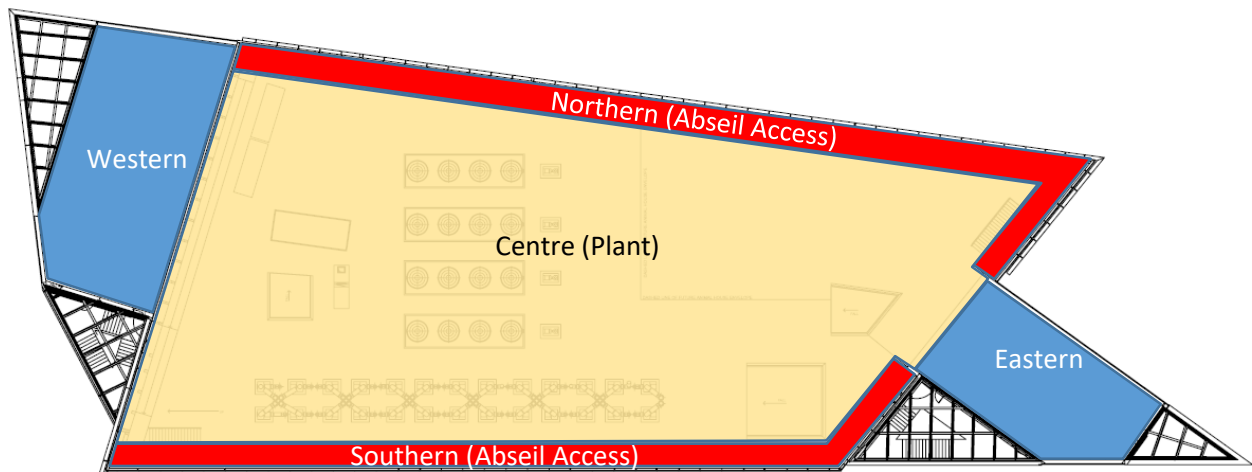
Eastern roof



Access to western roof



Western roof



Contact Facilities Manager before accessing Southern area to ensure fume cupboard exhaust stacks are safe.

Roof Details	
Roof Material: Concrete	No. of Roofs on Building: 3
Pitch: < 15° <input checked="" type="checkbox"/>	Roof Height 13 storeys
Gutter Details: Box Gutter <input type="checkbox"/>	Fragile Panels / areas:
Walkways <input checked="" type="checkbox"/> Platforms <input checked="" type="checkbox"/> Fixed Ladders <input checked="" type="checkbox"/> Other:	Parapet Details (height, construction): Concrete. Minimum 1m in most locations.
Description of Roof Plant: <ul style="list-style-type: none"> Air conditioning. Firefighting. Water Tanks. Fume cupboard fans and stacks 	Number: Many and varied.
Other Details: Multiple Anchor Points installed	

RISK ASSESSMENT

	Hazard	Risk Indicator once Controls in place	Control
Hazards	Unprotected roof edges and height of roofs – Fall hazard	Rare x Severe Medium	No accessing unless a safe system of work for prevention of falls is implemented.
	Walking on roof – Fall and slip hazard	Rare x Minor Low	Wear protective footwear (refer below). Implement a safe system of work for prevention of falls prior to commencing works.
	Dropped objects.	Rare x Severe Medium	Restricted access to roof edges. Do not lean over edges. Use tool lanyards.
	Weather – Heat, rain, strong winds – Heat exhaustion, dehydration, sunburn, colds, fall hazard	Rare x Minor Low	Do not commence works in extreme weather conditions which will adversely affect workers.

Infrastructure HSW Management Sub-System

Roof Inspection Check



Working alone	Slight x Major High	A system to ensure lone worker's welfare needs, to be in place.
Airbourne hazardous chemicals (Venting or Flumes)	Rare x Moderate Low	Check with Building Owner and/or Laboratory Manager and undertake a risk assessment. Contact FM for details

Other Information	<ol style="list-style-type: none"> The method of access to rooftop shall depend on the specific job task being undertaken and risk assessment completed prior to commencement of work and included in Job Safety Analysis (JSA) or Safe Work Method Statement (SWMS) or Safe Work Procedure (SWP) and Safe Work Instruction (SWI); Access and work on roof top when weather is clear, dry and no high winds; Footwear must be toe steel capped and comply with AS/NZS 2210 for type 1 safety footwear; Sun protection policy and procedure is in place when working outdoors; Tools to be carried in tool belt; and Plant and equipment must be well maintained and serviced regularly.
Instructions	<ol style="list-style-type: none"> Undertake roof access in accordance with the University of Adelaide Infrastructure Management Sub-System Roof Access Permit to be obtained prior to roof access; Venting or Fumes - airborne hazardous chemicals: check with Building Owner, Laboratory Manager and/or the Maintenance Service Centre and undertake a risk assessment; Ensure that tools are secured on their person or a safe work method for bringing tools to and from the task has been determined prior to commencement of job; and Do not carry out any tasks within on an unguarded roof edge or fall hazard, unless a safe system of work is in place to ensure the risk of a fall has been minimised.

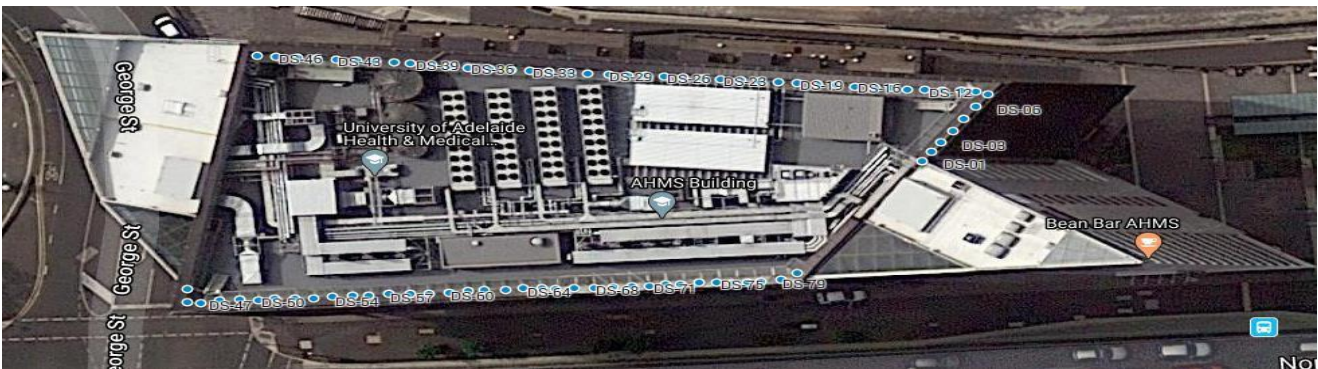
LIKELIHOOD TABLE		CONSEQUENCES TABLE	
Category	Description	Category	Description
Almost certain	There is an expectation that an event/incident will occur.	Severe	Injury resulting in death, permanent incapacity
Likely	There is an expectation that an event/incident could occur but not certain to occur.	Major	Injury requiring extensive medical treatment, hospitalisation, or activities could result in a Notifiable occurrence.
Slight	This expectation lies somewhere in the midpoint between "could" and "improbable"	Moderate	Injury requires formal medical treatment (hospital outpatient/doctors visit etc), activities could result in an Improvement Notice.
Unlikely	There is an expectation that an event/incident is doubtful or improbable to occur	Minor	Injury requires first aid
Rare	there is no expectation that the event/incident will occur	Negligible	Injury requires minor first aid (e.g. band aid), or result in short term discomfort (e.g. bruise, headache, muscular aches, etc)

RISK RATING					
Likelihood	Consequences				
	Negligible	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	Very High	Very High	Very High
Likely	Medium	Medium	High	Very High	Very High
Slight	Low	Medium	High	High	Very High
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium

Tri Anchors



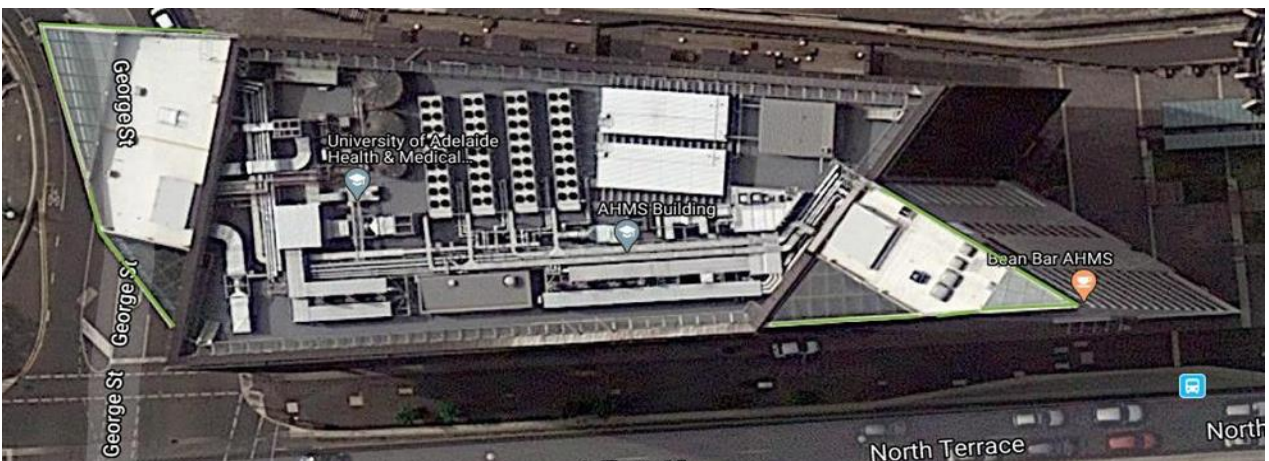
Davit Sockets



Masonry Anchors



Edge Protection



Warning	This process is uncontrolled when printed. The current version is available on the I&TS Website.	Effective Date:	September 2023	Version:	3.0
Authorised	Director, Capital Projects & Facilities Management Infrastructure Branch Division of University	Review Date:	September 2026	Page: 4 of 4	
Filepath	S:\Services_Resources\Infrastructure\Shared\HSW01. Hazard Management\01 Roof Access\01 Risk Assessments\North Terrace\2023\AHMS\WE02 22-09-23 AHMS.docx				