TG-HS011 Project Risk Register (PRR)

Project: Albany Creek Library **Project No:** TBA

Purpose: The Project Risk Assessment (PRR) is intended to outline the risks to be considered for the project.

Responsibilities: It is the primary responsibility of each organisation identified to address the potential hazards/risks, suggested controls, relevant legislative and reference guidelines when preparing site specific control measures and/or the Safe Work Method Statements (SWMS) for this project.

This PRR is completed prior to commencing work on the project by the Estimating Team with assistance from the WHS Manager and will be reviewed by the Project Manager and Site Supervisor each month for the duration of the project to ensure that the hazards, risks and control measures are applicable for the current stage of construction.

This PRR also identifies the High-Risk Construction Work (HRCW) associated with the project.

PRR Completed by: Adam Henricks **Version:** Version 2.0

Signed: 

Disclaimer: *This risk assessment is in no way intended to be the full and final means of risk control when generating specific controls for work activities on this project. Each trade group/subcontractor must consider their operation methods, equipment and materials used, worker competency and the personal experience of the contracted trade. It is also expected that ongoing review of SWMS's, is conducted by the supervisor for the High Risk Construction Work to ensure that the current site based risks are managed for the life of the SWMS.*

Revision History:

Revision Date	Revision Description	Reason for Change	Author(s) of Revision
12/12/2024	Additional controls added	Code of Practice Updates	Adam Henricks

Project Managers Monthly reviews:

Review Date	Review Conducted By	Are Changes Required to the Project Risk Assessment? If Yes provide comment.	Do the applicable SWMS need to be revised?

Assessing the Risk

The Risk Assessment matrix shows the relationship between the likelihood (frequency) of an event occurring and the corresponding result (severity) if it did occur and will be used to determine the requirement for management of the risks identified.

	CONSEQUENCE/SEVERITY				
LIKELIHOOD	Insignificant A	Minor B	Moderate C	Major D	Significant E
1 **Very Likely** ***Could happen anytime***	**Medium** **A1**	**Medium** **B1**	**High** **C1**	**High** **D1**	**High** **E1**
2 **Likely** ***Could happen sometimes***	**Medium** **A2**	**Medium** **B2**	**Medium** **C2**	**High** **D2**	**High** **E2**
3 **Moderate/ Possible** ***Could happen***	**Low** **A3**	**Medium** **B3**	**Medium** **C3**	**High** **D3**	**High** **E3**
4 **Unlikely** ***Could happen, but only rarely***	**Low** **A4**	**Low** **B4**	**Medium** **C4**	**Medium** **D4**	**High** **E4**
5 **Very Unlikely** ***Could happen, but probably never will***	**Low** **A5**	**Low** **B5**	**Low** **C5**	**Medium** **D5**	**Medium** **E5**

Risk Assessment Matrix legend: Likelihood

Descriptor	Description
Very Likely *Could happen anytime*	The event is highly likely to occur, at anytime
Likely *Could happen sometimes*	The event could happen some of the time, ie. it is expected to occur less than daily but at least weekly
Moderate/Possible *Could happen*	The event could happen, neither likely nor rare.
Unlikely *Could happen, but only rarely*	The event could happen, but rarely
Very Unlikely *Could happen, but probably never will*	The event could happen, but probably never will; is Practically impossible

Risk Assessment Matrix legend: Consequence/Severity

Descriptor	Work Health and Safety (WHS) Description	Environment Description
Insignificant	First aid treatment only. No lost time.	No impact on the environment. No disruption to the client or public.
Minor	Medical treatment required. No lost time.	Minor impact on the environment. Minor disruption to the client or the public.
Moderate	Medical treatment required. Lost time.	Major harm to the environment. Major disruption to the client or the public.
Major	Serious injury or disease. Extended medical treatment required.	Major harm to the environment. Serious disruption to the client or the public.
Significant	Loss of life.	Irreversible harm to the environment. Serious disruption to the client or the public.

Risk Assessment, Controls and Measures

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
1	Project Establishment	N	▪ Non-Compliance to State, Government Legislation, COP's, Industry Standards, Guidelines, Client Specs and Safety in Design Risk Assessments. ▪ Sub-Contractor selection	A4	4	L	▪ Do not construct until legislative requirements have been met e.g. Council, State Government, EPA licences and approvals. ▪ Approved Drawings, approved D.A to be sought ▪ Risk Assessments to be completed e.g. SWMS, procedures reference applicable legislation, industry standards, COP's and guidelines. ▪ Use of Prequalified Sub-Contractors and Suppliers.	A4	5	L	Tallan Group and Assigned Subcontractors
2	Safety in Design	N	▪ Injury to a person or the environment due to poor design.	A4	4	L	▪ Only use physical components and designs to Australian, industry or international Standards. ▪ Use only Competent and trained Design Staff. ▪ Design for safe erection, installation, use, maintenance and modification. ▪ Complete site-specific risk assessments on each site.	A4	5	L	Tallan Group and Assigned Subcontractors
3	Working adjacent to Sites (Potentially HRCW depending on site layout/ location)	N	▪ Impact with construction processes. (Death, injuries)	E4	4	H	▪ Ensure public safety through securing the boundary of the site with perimeter fencing. (Approved temporary fence installed) Continual	A5	5	L	Tallan Group and Assigned Subcontractors

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							control done through regular inspections. ▪ Ensure all access points, gates and exits are secured to prevent unauthorised access. Padlocks used on all sites to enable company access if required after hours. ▪ All mandatory signage to be prominently displayed at all access/egress points. ▪ Signage directing unauthorised persons to keep out. ▪ Where the risk has been identified, drop zones will be barricaded off within general public areas, and spotters/observers in place. ▪ Traffic management plan developed and implemented. ▪ Site Manager to maintain regular consultation with neighbouring sites in relation to the protection of their assets and person(s). ▪ Site Manager to notify any neighbours who may be potentially impacted of all major works prior to their commencement.				
5	Concreting work and pumping. (Potentially HRCW depending on	Y	▪ Impact with mobile plant/machinery. (Loss of	E4	4	H	▪ Demarcation of walkways, set up exclusion zones etc.	E5	5	M	Tallan Group and Assigned

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
	specific activities and site location		limb, crushing, injuries, death) ▪ Flying objects. Noise. (Eye and other injuries, hearing damage) ▪ Traffic passing through the site. Impact with pedestrians or other site plant. (Death, injuries from vehicles) ▪ Falling objects				▪ High visibility garments to be worn when working near mobile plant, e.g. mobile boom pump ▪ Qualified operators - copies of High-Risk Work Licenses or permits to be presented at site induction ▪ Boom inspection prior to use. ▪ Traffic management plan in place and includes positioning of plant. ▪ All personal to be inducted on the traffic conditions into the site. ▪ Adequate signage/barriers in the affected areas. ▪ Concrete boom to be kept clear from overhead powerlines/cables at all times. ▪ Workers not to work under overhead boom ▪ No go zones barricaded off during concrete pours above and tool boxed to all workers on site prior to pours.				Subcontractors
6	Working off Ladders and Trestles	Y	▪ Risk of falls & trips ▪ Ladder or trestles can move if not secured properly ▪ Falling objects	C4	4	M	▪ Secure feet of ladders ▪ Ensure ladders and trestles are serviceable for use. ▪ Ensure 3 points of contact ▪ Use handrails when over 2m	C5	5	L	Tallan Group and Assigned Subcontractors

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							▪ Install kick boards when work is over 2m and hand rails have been attached to trestles. ▪ Working platform min of 2 boards (450mm) wide and clamped together ▪ Where possible use EWP, knuckle boom or mobile scaffold. ▪ Barricade off an exclusion zone around base or work area. ▪ Tools secured to lanyards where possible.				
7	Working with Laser Levels & Lines	Y	▪ Risk of blinding and eye damage if looking into light source	C4	4	M	▪ Ensure always pointed away from eyes ▪ Set up laser not at eye height to avoid looking into ▪ Turn off when not in use	C5	5	L	Tallan Group and Assigned Subcontractors
8	Working with Compressed air	Y	▪ Flying objects. ▪ Noise. (Eye and other injuries, hearing damage)	C4	4	M	▪ Ensure plant/equipment is in good working order, registers completed tested and tagged. ▪ Air streams must not be aimed at a person. ▪ Ensure workers are trained in correct use and operations of plant/ equipment. ▪ PPE is worn at all times whilst operating equipment, e.g. safety eyewear and ear muffs or ear plugs.	C5	5	L	Tallan Group and Assigned Subcontractors

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10	Working in or on Contaminated Ground (Potentially HRCW depending on site layout/conditions)	Y	▪ Unidentified/ harmful chemical(s)	C4	4	M	▪ Chemical analysis of contaminated soils, engage an occupational hygienist ▪ Adequate PPE provided; ensure correct type of PPE is supplied and worn – as referred to in the Hygienists report ▪ SDS where available ▪ Workers are made aware of contaminants ▪ Area to be barricaded off, exclusion zones in place and signage posted. ▪ - Refer to WHS Regulations Chapter 2 Division 7 (32-33)	C5	5	L	Tallan Group and Assigned Subcontractors
11	Demolition work	Y	▪ Structural collapse. Asbestos products, Synthetic Mineral Fibres. Dusts and other contaminants. (Death, crushing, cuts, inhalation, disease)	E4	4	H	▪ If the work involved demolition of a load bearing or otherwise structural member; prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ All demolition work to be carried out to the requirements of the Code of Practice for Demolition ▪ Appropriate PPE worn	E5	5	M	Tallan Group and Assigned Subcontractors
12	Work in 'dusty' environments	Y	▪ Uncontrolled dust from site (Inhalation, irritation)	D4	4	M	▪ Dust suppression strategies to be used, i.e. water spray. ▪ Install dust barriers	D5	5	M	Tallan Group and Assigned Subcontractors

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13	Working with or near 'dust' generated by a hazardous chemical (Potentially HRCW depending on the nature of the dust/substance)	Y	▪ Uncontrolled dusts including but not limited to: Cement; silica; MDF; etc. (Inhalation, eye/ membrane irritation, disease)	D4	4	M	▪ Dust control measures to be put in place such as extraction units or vacuum units fitted to power tools. ▪ Dust emitting processes must be isolated to prevent ingress to other work areas. ▪ Hazardous Chemicals Register and relevant Safe Work Method completed ▪ Appropriate PPE worn	D4	5	M	Tallan Group and Assigned Subcontractors
14	Cranage operations	Y	▪ Impact with mobile crane. (Loss of limb, crushing, injuries, death) ▪ Insufficient sole plates. Too close to excavations. Unstable base or edge ▪ Incorrect set of crane, outriggers, pigsty to underside of outriggers. (Death or injury to operator and nearby persons) ▪ Falling objects during lifting.	E4	4	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Demarcation of walkways ▪ High visibility garments to be worn when working near cranes ▪ Qualified operators - copies of certificates of competency or permits to be presented at site induction ▪ Plant inspection prior to use ▪ Ensure adequate soleplates under outriggers, monitor for subsidence. ▪ Keep plant well back from the edges of excavations ▪ Qualified operators - copies of certificates of competency or permits to be presented at site induction	E5	5	M	Tallan Group and Assigned Subcontractors

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							▪ A safety 'drop zone' for the specific lifts being undertaken must be nominated (where necessary, this is to include areas that may be outside of the site boundaries) ▪ Ensure that the noted crane is in fact the actual crane that has arrived on-site ▪ Ensure that the operator has been trained in the operation of the specific crane that has arrived on-site. ▪ Ensure that the crane logbook is filled out prior to the crane commencing its lift operations for the day. ▪ Traffic management plan in place and includes positioning of plant. ▪ All personal to be inducted on the traffic conditions into the site. ▪ Adequate signage/barriers in the affected areas. ▪ Exclusion zones installed in pathway of lifts. ▪ Lift study created				
15	Working near hidden live electrical cables in the walls	Y	▪ Electrical cables in walls - electrocution	D3	3	H	▪ Clearly mark wall concealing the cables "Danger – Electrical Cables concealed in wall" (or similar). ▪ Ensure danger is addressed at induction and/or in tool box talks	D4	4	M	Tallan Group and Assigned Subcontractors

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16	Working near live electrical wires	Y	▪ Electrocution	D3	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Live (overhead) wires are to be tagged with tiger tails. ▪ Workers to be advised of live cables at induction and via tool box talks ▪ All work to be carried out to the requirements of AS/NZS 3012	D4	4	M	Tallan Group and Assigned Subcontractors
17	Working with electrical equipment/ appliances	Y	▪ Electrocution from electrical equipment	D3	3	H	▪ Test and tag electrical equipment every 3 months by licensed electrician. ▪ Socket outlets protected by 30mA RCD ▪ Flexible extensions cords to be kept off the ground on insulated hangers or stable lead stands. ▪ All extension cords are heavy duty and fitted with non-re-wire-able or transparent plugs/sockets. ▪ Distribution boards and electrical equipment kept out of water.	D4	4	M	Tallan Group and Assigned Subcontractors
18	Emergencies	Y	▪ Inappropriate rescue procedures. Insufficient equipment. (Death and or injury)	E4	4	H	▪ Ensure that all personnel doing high risk work are aware of and trained in the emergency rescue procedure appropriate for the task being performed.	D4	4	M	Tallan Group and Assigned Subcontractors

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19	Excavation work (Potentially HRCW depending on the nature of the excavation)	Y	▪ Unprotected deep excavations (Falls); cliff faces could subside after heavy rainfall. (Death, falls, crushing, injuries from falling rock etc.) ▪ Ground collapse ▪ Water inrush ▪ Falls ▪ Hazardous manual tasks ▪ Underground services ▪ Lasers- Exposure to irradiation	E4	4	H	▪ All work to be carried out to the requirements of the Code of Practice – Excavation Work ▪ Deep excavations to be benched, battered or shoring installed. ▪ Cliff faces to be reviewed by Geo-technical engineer for stability. ▪ Pumps or other dewatering systems to remove and prevent water build up to be on site. ▪ Ramps, steps or other appropriate access into the excavation. E.g. ladders ▪ Rotate tasks between workers ▪ Obtain information from relevant authorities on the location of underground services. E.g. (dial before you dig and local councils) ▪ Barricades and signage to excavation area, restricting access. ▪ The use of flashing lights and reversing warning on all plant and machinery. ▪ Deep excavations and trenches to be fenced off. ▪ Mechanical plant, vehicles, storage of materials (including excavated material) or any other heavy loads should not be located in the 'zone of influence' of an excavation unless the	E5	5	M	Tallan Group and Assigned Subcontractors

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							ground support system installed has been designed by a competent person (e.g. a geotechnical engineer) to carry such loads. The zone of influence will depend on the ground conditions. It is the zone in which there may be an influence on the excavation, including possible ground collapse ▪ Lasers that are capable of producing hazardous diffuse reflections or that may constitute a fire hazard, laser classes 3B and 4 must not be used in construction work. ▪ Any worker operating lasers must be trained in the use of the equipment. ▪ All trenches over 1.5m deep must be secured (barricaded) to stop unauthorized access, including inadvertent entry. (WHS Regs Sect 306)				
21	Working below others	N	▪ Falling object from upper levels (Injury to persons below or nearby)	D3	3	H	▪ Installation of fencing or other physical barrier to prevent objects falling on personnel below. ▪ Hand tools to be fitted with approved lanyards, if people are working directly below, (roof works)	B4	4	L	Tallan Group and Assigned Subcontractors

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24	Working with or near gas bottles	N	▪ Incorrect storage of gas cylinders. (Burns, death, impact with cylinders)	E5	5	M	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Store Oxygen and Acetylene cylinders separately, at least 3 metres apart. ▪ Flashback arresters to be installed on all oxy/acetylene equipment. ▪ Where the hose exceeds 10m in length, flashback arresters should be fitted at both the handset and bottle ends. ▪ Restrain bottles upright (cage or chain) ▪ Safety Data Sheets available and used ▪ All gas cylinders shall have their content clearly marked on the outside of each cylinder. ▪ Cylinders must be placed and secured in an upright position, including storage and transport and all oxy sets in a trolley when in use and secured with chain or straps. ▪ All leaking or defective cylinders must be removed from service promptly, tagged as inoperable and placed in an open space removed from the work area.	B5	5	L	Tallan Group and Assigned Subcontractors

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							▪ All operators are required to inspect equipment prior to utilisation. Oxygen and flammable gas cylinders placed in storage are to be kept apart. ▪ Full and empty cylinders are to be stored separately and protected from excess heat or physical damage ▪ For gaseous fire protection system cylinders; - Leave these cylinder(s) strapped/secured in place. - Contact a fire service company to deactivate, disconnect and to 'make safe' the cylinder(s) for removal.				
25	Grit blasting	N	▪ Eye injuries and abrasions. Flying Objects	E5	5	M	▪ Keep others away. ▪ Appropriate PPE to be worn.	B5	5	L	Tallan Group and Assigned Subcontractors
26	Working with or near gas mains	Y	▪ Fractured gas main, risk of fire and explosion. (Death, burns, personal injuries, gas inhalation). ▪ Asphyxiation.	E5	4	M	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Services location consultant to carry out a site survey to identify all existing service locations. ▪ Identify services on drawings, issue to subcontractors. Dial Before you Dig	B5	5	L	Tallan Group and Assigned Subcontractors

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							▪ Gas mains must be isolated from their supply before any work can commence. ▪ Refer also to the Code of Practice – Excavation				
27	Working with or near Hazardous chemicals (Potentially HRCW depending on the nature of the chemical)	Y	▪ Burns, ingestion irritation, absorption.	D4	4	M	▪ Contain hazardous fluids as per storage instructions and/or in flammable goods store. ▪ Report all spills to the Site Manager. ▪ Usage as per SDS, SWMS, appropriate PPE, Hazardous Chemical Register ▪ Where possible, chemicals should be stored according to their class. That is, flammables stored with flammable, but not with corrosives. ▪ All chemicals on site will be stored in a well-ventilated area. ▪ No fuels are to be stored on site overnight or over 20 litres per contractor. ▪ Any dangerous goods stored on site must be kept in a well shaded area or receptacle with compatible fire extinguisher and spill kits with free-flowing ventilation, bunds that will contain at least 100% of the largest tank and 25% of the total capacity for liquid containers. Typical sea	B5	5	L	Tallan Group and Assigned Subcontractors

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							containers without ventilation or bunding will not be acceptable.				
29	Hot Works	Y	▪ Uncontrolled sparks near flammables. Eye injuries from unshielded work (Burns, death, eye injuries, other injuries)	E4	4	H	▪ Hot works permit ▪ Keep flammable materials away. ▪ Housekeeping ▪ Provide fire extinguisher. ▪ All work to be carried out behind flash screens. ▪ Adequate air ventilation. ▪ Flashback arresters to be installed on all oxy/acetylene equipment. ▪ Where the hose exceeds 10m in length, flashback arresters should be fitted at both the handset and bottle ends.	D4	4	M	Tallan Group and Assigned Subcontractors
30	Working with or near Internal combustion engines - carbon monoxide/dioxide	N	▪ Internal combustion engines operating nearby. (Suffocation)	E4	4	H	▪ Internal combustion engines are not to be used in confined spaces ▪ Keep exhaust fumes away ▪ Where necessary, monitor O2 with air quality monitor.	D4	4	M	Tallan Group and Assigned Subcontractors
31	Manual handling	N	▪ Manual handling injuries.	C4	4	M	▪ Mechanical assistance to be provided for heavy objects. ▪ Provide adequate training in manual handling procedures. ▪ Lift within persons capacity	A4	4	L	Tallan Group and Assigned Subcontractors

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32	Working in or around noisy equipment (above 85dBa)	N	▪ Hearing loss due to long term exposure to high noise levels.	C4	4	M	▪ Wear appropriate PPE. ▪ Establish isolated areas and/or restriction zones. ▪ Provide and take note of warning signage.	A4	4	L	Tallan Group and Assigned Subcontractors
33	Operation of plant or machinery - unstable base/edge	Y	▪ Insufficient sole plates. ▪ Too close to excavations. ▪ Unstable base or edge (Death or injury to operator and nearby persons)	E4	4	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Ensure adequate soleplates under outriggers, monitor for subsidence. ▪ Keep plant well back from the edges of excavations. ▪ Qualified operators - copies of certificates of competency or permits to be presented at site induction ▪ Materials are not placed or stacked near the edge of any excavation ▪ Excavated material to be placed outside the zone of influence. Alternatively, a ground support system is to be designed and installed to carry additional loads, including any ground water pressures, saturated soil conditions and saturated materials ▪ Powered mobile plant not to operate or travel near the edge of an excavation unless a ground support system is installed and has been	C4	4	M	Tallan Group and Assigned Subcontractors

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							designed by a competent person to carry such loads. Physical barriers to be installed to stop plant getting close the edges.				
34	Working near overhead services power/ communication	Y	▪ Contact with personnel, equipment and machinery (Electrocution)	E3	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Contact Energex for safety advice. ▪ Visually identify with "Tiger Tails". ▪ Isolate wherever possible. ▪ Provide insulated barriers when working within the safety limits. ▪ Include details in Site Induction	C4	4	M	Tallan Group and Assigned Subcontractors
35	Working over or adjacent to penetrations (Potentially HRCW depending on the 'fall' height)	Y	▪ Uncovered penetrations. (Falls)	D3	3	H	▪ Fixed covers or temporary fencing over or around all penetrations. ▪ Ladders within 3 metres or edge must be secured. ▪ Persons using ladders within 3 metres must use fall restraint	C3	3	M	Tallan Group and Assigned Subcontractors
36	Working with or near plant or machinery E.g. EWP's and mobile knuckle booms	Y	▪ Impact with mobile plant/machinery. (Loss of limb, crushing, injuries, death) ▪ Falling objects (struck by)	E3	3	5	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Demarcation of walkways ▪ High visibility garments to be worn when working near mobile plant	C3	3	M	Tallan Group and Assigned Subcontractors

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							▪ Qualified operators - copies of certificates or validation of competency or permits to be presented at site induction ▪ Plant/machinery inspection prior to use ▪ Tools and equipment secured at all times, where possible tools to be attached to lanyards. ▪ Exclusion zones set up and toolbox talked to all workers.				
38	Public Access	N	▪ Impact with construction processes. (Death, injuries)	D4	4	M	▪ Signage directing unauthorised persons to keep out and security fencing.	B4	4	L	Tallan Group and Assigned Subcontractors
39	Spray painting (Potentially HRCW depending on the nature of the chemicals involved)	Y	▪ Aerosols. (Fume inhalation, eye and membrane damage)	C4	4	M	▪ Keep others away. ▪ Set up exclusion zones ▪ Appropriate PPE to be worn.	B4	4	L	Tallan Group and Assigned Subcontractors
40	Steam cleaning	N	▪ Reduced visibility. (Burns/scalds).	D3	3	H	▪ Keep others away. ▪ Set up exclusion zones ▪ Appropriate PPE to be worn.	B4	4	L	Tallan Group and Assigned Subcontractors
41	Scaffolding- including mobile scaffold (Potentially HRCW depending on the 'fall' height)	Y	▪ Incomplete scaffold. (Falls), manual handling, ▪ falling objects, ▪ electrocution.	D3	3	H	▪ All work to be carried out in accordance with scaffolding standards AS/NZS 1576 and AS/NZS 4576	B3	3	M	Tallan Group and Assigned Subcontractors

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
			▪ Trips and falls				▪ Certificates of compliance for the scaffold to be supplied by the subcontractor before scaffold can be used. ▪ "Incomplete Scaffold" signs to be displayed in affected areas along with physical barriers installed to prevent access. E.g. ply boards, hop ups installed, transoms or tube and coupler. ▪ Manual Handling training conducted by subcontractor ▪ PPE ▪ Overhead powerlines and power cords kept away from scaffold. ▪ Power to be isolated when installing scaffolding close to energised power or within exclusion zones ▪ Non-conductive / protection material to be installed as a barrier/ protection when scaffold is erected within clearance guidelines. ▪ Kick boards installed AS/NZS 1576 and AS/NZS 4576 and scaffold COP. ▪ Hoarding/containment mesh installed to scaffold ▪ Designs plans submitted to Tallan Group as a minimum covering the following:				

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							1. Basis of design, 2. Foundations (including ground conditions and loadings), 3. Supporting structure, 4. Access and egress, 5. Tying, 6. Bracing, 7. Type of scaffold, and 8. Edge protection. ▪ All mobile scaffolding will require a manufacturer design label attached. ▪ When scaffolding is not in use as well as when works have been completed for the day all tools, equipment, excess materials and rubbish are to be removed and all access areas kept clear.				
43	Structural works (Potentially HRCW depending on the nature of the work)	Y	▪ Structural collapse	E5	3	H	▪ Engineer's inspections ▪ Appropriate supports used ▪ Set up exclusion zones ▪ Wearing of appropriate PPE	C3	3	M	Tallan Group and Assigned Subcontractors
44	Working on or near traffic or mobile vehicles	Y	▪ Traffic passing through the construction site. Impact with pedestrians or other	E4	4	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented.	B4	4	L	Tallan Group and Assigned Subcontractors

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
			site plant. (Death, injuries from vehicles)				▪ Traffic management plan in place. ▪ All personal to be inducted on the traffic conditions into the site. ▪ Adequate signage/barriers in the affected areas.				
45	Working on or near underground power/ communications	Y	▪ Contact with personnel and machinery (Electrocution)	E5	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Contact Dial before you dig ▪ Services location consultant to carry out a site survey to identify all existing service locations. ▪ Identify services on drawings, issue to subcontractors	C3	3	M	Tallan Group and Assigned Subcontractors
46	Working in or near unventilated pits/drains - hydrogen sulphide or methane	Y	▪ Unventilated pits/drains.	E5	5	M	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Monitor O2 Levels, and H2S levels with an air quality monitor ▪ Provide supplied air respirators where H2S is present ▪ Forced air ventilation where methane is present.	B5	5	L	Tallan Group and Assigned Subcontractors
47	Working in or near vapours	Y	▪ Unventilated storage areas. (Inhalation, suffocation)	E5	5	M	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Ensure that all vaporising liquids are stored in a ventilated area.	B5	5	L	Tallan Group and Assigned Subcontractors

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
							▪ Provide forced air ventilation if required. ▪ Chemicals Register maintained ▪ Safe Work Methods established and implemented ▪ Wear appropriate PPE.				
49	Work on or near live electrics	Y	▪ Electrocution.	E3	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ All work to be carried out to the requirements of AS/NZS 3012	C3	3	M	Tallan Group and Assigned Subcontractors
50	Working on roofs	Y	▪ Unprotected edges. (Falls) ▪ Falling objects eg tools and materials (struck by)	E3	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Fall protection as per the Code of Practice Managing the Risks of Falls at the workplace. ▪ All workers when working on the roof must be double clipped at all times as per roof induction ▪ Only tools and materials required for task to be on roof during work. ▪ Tools attached to lanyards where possible ▪ Materials secured in place during work, ▪ Exclusion zones put in place for workers below.	C4	4	m	Tallan Group and Assigned Subcontractors

No.	Activity or Stage	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequence	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequence	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures?
51	Other working at heights	Y	▪ Unprotected edges and penetrations (Falls)	E3	3	H	▪ Prepare a Safe Work Method Statement for the work outlining specific controls to be implemented. ▪ Provide temporary handrails complete with mid-rail and toe boards on all elevated surfaces. ▪ Fall protection as per the Code of Practice Managing the Risks of Falls at the workplace. ▪ All workings from ladders must be kept back at least 3 metres from edge/ handrails	B3	3	L	Tallan Group and Assigned Subcontractors

Other activities or hazards and/or risks for this project:
(*Please list them here*)

Activity	HRCW (Y/N)	Potential Hazards and (Risks) as they apply to this site	Consequenc	Likelihood	Inherent Risk Rating (H,M,L)	Risk Controls / Measures	Consequenc	Likelihood	Residual Risk Rating (H,M,L)	Responsible for control measures ?