

SITE SPECIFIC Risk Assessment

Date:	New	✓	Revised	Page	

TRADE: CARPENTER

Job No:	7694/15	Client:	BAYOT
Address:	37 Merriville Road, Kellyville Ridge NSW 2155	Supervisor:	Andrew Cashmore

Key: "1" action	on now " 2 " a	ction ASAP	"3" action ASAP
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Note 1: Refer to the general Safety Plan and Safe Work Method Statement.

Note 2: Safe work procedures shall be implemented for the supply and use of a *hazardous chemical / substance/s* on site that complies with the *current material safety data sheet* recommendations and also complies with the requirements of WHS Regulation 2011 Chapter 3 - Part 3.2

Note 3: All *manual tasks* are to comply with the requirements of Safe Work Australia – National Code of Practice for Manual Handling 2009 [or as amended] or WorkCover NSW Code of Practice - Hazardous manual tasks

Note 4: Management of the risk of fall from one level to another must comply with Part 3.1 and the requirements of Part 4.4 Falls Clauses 78-80 of WHS Regulation 2011

Note 5: Review of Control Measures - If there are any tasks that may be included by way of variation to the plans or an alternative approach to the set task, it is a requirement to carry out a "Specific Risk Assessment" for the task or tasks.

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
Access to site / work areas - Slips, trips, falls and accessibility - Access ways not clearly defined	Slips, trips and falls		✓			✓		3	Assess travel path and distance to work area Ensure unobstructed access to site and work areas	Site Supervisor /all 'workers'	
Stored materials - Slips, trips, falls and accessibility - Access ways not clearly defined	Slips, trips and falls		√			✓		2	Assess travel path and distance to work area Ensure unobstructed access to work areas. Provide and maintain barricades to isolate material and to restrict access Provide designated waste areas.	Site Supervisor / all 'workers'	
Manual tasks	Muscle strain - back injuries and cuts Over exertion or repetitive movements		√			✓		2	Assess travel path and distance to work area Use mechanical assistance where practicable; provide training in the use of the equipment	Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
									Identify the risks and plan the task in consultation with the 'workers'		
									Ensure one [1] person is appointed to plan and take charge of the task		
									Plan the task in stages - e.g. ensure grip is secure; lift to waist height; place support under load; team 'workers' to re-group then lift load into position		
									Use task specific trained 'workers' and team lifting - rotate 'workers' and vary tasks		
									Ensure enough space is available for the team 'workers' to safely manoeuvre as a group		
									Where possible, use team 'workers' of a similar height and capability		
									Provide additional team 'workers' to assist that are proportional to the weight and difficulty of the task		
									Ensure load is shared evenly		
									Ensure team 'workers' know their responsibility during the lift		
									On sloping sites, ensure safe footing is provided		
Exposure to noise Plant / equipment	Hearing damage		✓			✓		2	Isolate plant and equipment Use appropriate PPE	All 'workers'	
Exposure to dust / fibres / chemical vapours -	Dust / fibres inhalation - respiratory problems		√			√		2	Apply appropriate procedures necessary to contain dust / fibres / chemical vapours. Use appropriate PPE - disposable dust / fibres /	Contractor / all 'workers'	
chemicals - Biological -	Skin and eye allergies/ irritations.								chemical vapour protection. Regularly monitor for airborne dust/ fibres		
Exposure to lead based paints - Hazardous chemicals - Biological	Dust inhalation - respiratory problems Skin and eye		✓			✓		2	Identify the risks and plan the tasks in consultation with the 'workers' Apply appropriate procedures necessary to contain dust /	Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
	allergies/ irritations.								flaking paint surfaces.		
									Use appropriate PPE - disposable contact / dust protection.		
									Regularly monitor for airborne dust		
Exposure to UV light / weather - UV light - glare	Skin cancer / sun burn - Dehydration - heat stroke or fatigue		√			√		2	Reduce exposure where possible. Regularly monitor 'workers' condition	Contractor / all 'workers'	
Extreme temperatures	Sight damage								Adequate fluid intake Use appropriate sun screen. Wear appropriate PPE.		
Protection of other 'workers' and the public -									Provide and maintain barricades to materials stored on footpath		
Slips, trips, falls and accessibility -	Slips, trips and falls Wind- borne dust / fibres		✓			✓		2	Provide and maintain barricades to isolate and to restrict access to work areas Use of shade cloth around	Site Supervisor Contractor / all 'workers'	
clearly defined - Hazardous chemicals - Biological	Struck by falling objects								Wet down dust Provide "Spotter" to stop		
Location of services - Electricity - insulation to old wiring frayed or brittle [conduit] or easily damaged - water pipe electrified Gas -	Electric shock or electrocution Gas service - explosion Inhalation and exposure to hazardous		✓		✓			3	Isolate / relocate electrical supply / wiring. RCD installed on mains supply / portable generator Isolate / relocate gas supply	Site Supervisor / all 'workers'	
Hazardous chemical Biological	chemicals.								Identify the risks and plan the		
General working at height - [over 2.0m] Slips, trips, falls and accessibility -	Fall from roof edge/ work platform/ through roof or roof framing								Identify the risks and plan the tasks in consultation with the 'workers' Assess travel path to work area	Site Supervisor Contractor / all	
Inadequate fall prevention system / work platform - Brittle roofing	Fractures, bruises lacerations and personal injuries		√		√			1	Ensure unobstructed access to work areas Provide guardrails, perimeter edge protection / catch scaffold.	'workers'	
material -									Scaffold / work platform to		

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
Increased traffic on roof surface - walking in the middle of battens - Gravity - overbalancing Windy and or wet conditions Working at height-stripping existing tiled roof covering and frame - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Brittle roofing tiles Increased traffic on roof surface - walking in the middle of battens - Windy and or wet conditions - Gravity - overbalancing -	Slips, trips and falls from work platform. Fractures, bruises lacerations and personal injuries / cuts and abrasions. Struck by falling object. Exposure to ceiling dust and insulation fibres - respiratory problems.	Likely	Possible	Unlikely	Major	Severe	Minor	Priority Priority	outer perimeter. Use task specific trained / experienced 'workers' in safe working at heights - ensure 'workers' know their responsibility during the work process SWMS Identify the risks and plan the task in consultation with the 'workers' Conduct hazardous chemical assessment prior to commencement of the works Appropriate removal procedures to contain dust Provide perimeter guardrail / scaffold / work platform to outer perimeter. Use task specific trained / experienced 'workers' in safe working at heights - ensure 'workers' know their responsibility during the removal process Use safety harness Regularly monitor for airborne dust/ fibres Controlled removal / disposal of the roofing tiles - provide debris chute Regularly monitor stability of the roof structure / ceiling frame		Date
Hazardous chemicals - Biological -	Electric shock or electrocution								Provide barricade to restrict access to the work area.		
Manual tasks -									Provide "Spotter" to stop others entering work area		
Electricity									Don't stack / store tiles on roof or on scaffold.		
									Don't remove roofing tiles on wet or windy days.		
									Use of appropriate PPE plan the tasks in consultation with the 'workers'		
									Assess travel path and		

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
Removal of eave soffits 'that may' contain fibrecement [FC] Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Windy and or wet conditions - Walking on brittle roofing tiles - walking in the middle of roofing battens Gravity - overbalancing - Hazardous chemicals - Biological - Manual tasks - Proximity to other 'workers' and public	Inhalation and exposure to FC fibres / dust - respiratory problems Slips, trips and falls from work platform / through frame Fractures, bruises lacerations and personal injuries Exposure to ceiling dust - eye and skin irritations - respiratory problems.		a ✓	n e e e e e e e e e e e e e e e e e e e		<i>→</i>		3	Ensure unobstructed access work areas. Use designated drop areas to restrict traffic across the roof surface Assess travel path and distance to work area Ensure unobstructed access to work areas Identify the risks and plan the task in consultation with the relevant 'workers' Conduct hazardous chemical assessment prior to commencement of the works Adequate consultation with relevant "workers" Appropriate removal procedures to contain dust / fibres. Regularly monitor for airborne dust/ fibres Use task specific trained / experienced 'workers' - ensure 'workers' know their responsibility during the work / removal process Appropriate warning signage and barricades to restrict access into the work area. Remove eave soffits with minimal breakage Wet down to minimise dust / fibre release. Seal residues of FC that cannot be removed from timber framed members Wrap all removed material in heavy duty plastic sheeting and seal. Use appropriate PPE	Site Supervisor Contractor / all	
Removal of SMF batt insulation /foil sarking insulation	Slips, trips and falls from work platform / through ceiling		✓			√		2	Assess travel path and distance to work area Ensure unobstructed access	Site Supervisor Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
'that may' contain or be contaminated by lead dust - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Windy conditions - Gravity - overbalancing Hazardous chemicals - Biological -	frame Fractures, bruises lacerations and personal injuries Inhalation and exposure to dust / fibres - respiratory problems								to work areas Identify the risks and plan the task in consultation with the 'workers' Conduct hazardous chemical assessment prior to commencement of the works Appropriate removal procedures to contain dust / fibres Regularly monitor for airborne dust/ fibres Use planks as temporary work platform Use task specific trained / experienced 'workers' ensure 'workers' know their responsibility associated with the removal process Appropriate warning signage and barricades to restrict access into the work area Place removed material in heavy duty plastic bags Vacuum residual dust / fibres from ceiling area Use appropriate PPE		
Carry and install tarpaulins to exposed roof space - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Windy and or wet conditions - Gravity - overbalancing - Manual tasks Hand demolish	Slips, trips and falls Back injuries - strains and sprains Struck by flying object		✓		✓			1	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Ensure unobstructed access work area Use task specific trained 'workers' and team lifting to position tarp. Additional 'workers' to assist where required Ensure team 'workers' know their responsibility during the positioning of the tarp Ensure all tarps are securely tied down and not weighted with tiles Identify the risks and plan the	Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
brickwork at first floor level - Slips, trips, falls and accessibility - Access ways not clearly defined - Electricity - Exposure to dust - Manual tasks - Hazardous chemicals - Biological - Gravity - stability of the structure - Proximity to other 'workers'	falls Electric shock or electrocution Muscle strain - back injuries and cuts Over exertion or repetitive movements. Inhalation and exposure to dust - skin and eye irritations and allergies. Exposure to lead based paints - Injuries due to collapse		Po-	5		8	u		task in consultation with the relevant 'workers' Assess travel path and distance to work area Ensure unobstructed access to work areas Ensure openings and voids in floors are fully covered. Regularly monitor stability of the structure Use task specific trained 'workers ensure 'workers' know their responsibility during the work process Rotate 'workers' and vary tasks Guards to plant and equipment fully operational Appropriate warning signage and barricades to restrict access into the work area Wet down to minimise dust release	Contractor / all 'workers'	
Cutting brickwork with petrol driven saw - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects Carrying	Sight damage		✓			✓		2	Regularly monitor airborne dust Use appropriate PPE SWMS Identify the risks and plan the task in consultation with the relevant 'workers' Guards to equipment fully operational Monitor the air quality for exhaust fumes / dust Regularly monitor the condition of the 'workers' within the work area Adequate ventilation and lighting. Use appropriate PPE.	Contractor / all 'workers'	
Carrying materials, floor timbers / joists / deep composite beams / joists and	Slips, trips and falls Back injuries - strains and sprains		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and	Site Supervisor Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
sheet flooring up ramp / scaffold - Slips, trips, falls and accessibility - Slope of ramp Windy and or wet conditions - Manual tasks									distance to work area Ensure unobstructed access to site and work areas Guardrails to ramp are in place - ramp surface clean and dry. Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry. Use task specific trained 'workers' and team liftingensure team 'workers' know their responsibility during the work process		
Positioning floor									Order timber in short lengths. SWMS Use crane to deliver / position materials to work area		
timbers / joists / composite beams / joists on to existing walls - Slips, trips, falls and accessibility - Inadequate fall arrest system / work platform - Windy and or wet conditions - Gravity - overbalancing Manual tasks	Slips, trips and falls		√			√		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Use task specific trained 'workers' and team liftingensure team 'workers' know their responsibility during the work process Use planks as temporary work platform. SWMS	Contractor / all 'workers'	
Carrying and placing floor sheets to first floor work areas - Slips, trips, falls and accessibility - Manual tasks	Slips, trips and falls through open floor joists Back injuries - strains and sprains		✓			√		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Ensure unobstructed access to site and work areas Use planks as temporary work platform Use task specific trained 'workers' and team lifting	Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
									Ensure 'workers' know their responsibility during the carrying and positioning of the sheets upon the open floor joists		
Carry rolls of poly- fabric up ramp /scaffold and install to cover first floor platform - Slips, trips, falls and accessibility - Windy and or wet conditions - Gravity - overbalancing- Manual tasks	Slips, trips and falls Back injuries - strains and sprains		✓		√			1	Assess travel path and distance to work area Ensure unobstructed access work area Use task specific trained 'workers' and team lifting to position and to roll out the poly-fabric	Contractor / all 'workers'	
Carrying frames up ramp / scaffold Slips, trips, falls and accessibility - Slope of ramp - Windy and or wet conditions - Manual tasks	Slips, trips and falls. Back injuries - strains and sprains		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Assess travel path and distance to work area Guardrails to ramp are in place - ramp surface clean and dry. Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry Use task specific trained 'workers' and team lifting ensure team 'workers' know their responsibility during the work process Remove guardrail from ramp to allow easy carrying Have large prefab frames delivered with loose lintels. Use site cut frames on first floor Have frames made in smaller lengths. Use mechanical assistance where practicable - provide training in the use of the equipment	Contractor Contractor / all 'workers'	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
									Use crane to deliver / position frames /materials to floor platform		
Cutting brickwork / timber frame with power saw - Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological - Tools and equipment Struck by flying objects	Electric shock or electrocution Hearing loss - Inhalation of dust - respiratory problems - Sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' RCD installed on mains supply / portable generator Guards to equipment fully operational Monitor for airborne dust Use task specific trained 'workers'. Use appropriate PPE.	Contractor / all 'workers'	
Lifting and placement of roof trusses - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Windy and or wet conditions - Manual tasks	Slips, trips, falls Back injuries - muscle strain / sprain		✓			\		2	Identify the risks and plan the task in consultation with the 'workers' Use planks as temporary work platform Use mechanical assistance to position trusses on top of wall plates Use task specific trained 'workers' and team liftingensure team 'workers' know their responsibility during the lifting and positioning of the roof trusses Replace truss with cut roof. Have girder trusses made in two [2] sections i.e.: not nailed together Use crane to deliver / position trusses to top of wall plates / walls	Contractor / all 'workers'	
Fixing of eaves, windows and shading devices - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Pitch of roof - roofing material -	Slips, trips and falls from work platform and accessibility. Fractures, bruises lacerations and personal injuries Back injuries - strains and sprains.		✓		√			1	Identify the risks and plan the task in consultation with the relevant 'workers' Use task specific trained 'workers' and team lifting Guardrails to scaffold, work platform complete, clean and dry Perimeter guardrail / catch scaffold to roof surfaces when working from roof surface Use safety harness when	Contractor / all 'workers' Site Supervisor	

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Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
Windy and or wet conditions - Gravity - overbalancing - Manual tasks									working from roof surface Use of appropriate PPE Identify the risks and plan the		
Carry rolls of aluminium breather foil up ramp / scaffold to wrap first floor frame - Slips, trips, falls and accessibility - Windy and or wet conditions - Gravity - overbalancing- Manual tasks	Slips, trips and falls Back injuries - strains and sprains		✓		✓			1	task in consultation with the relevant 'workers' Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry Use task specific trained 'workers' and team lifting to position and to roll out and fix breather foil Additional 'workers' to assist where required	Contractor / all 'workers'	
Cutting and fixing fibre-cement [FC] sheet eaves - Slips, trips, falls and accessibility - Inadequate fall prevention system / work platform - Pitch of roof - roofing material - Windy and or wet conditions - Gravity - overbalancing - Manual tasks	Slips, trips and falls from work platform Fractures, bruises lacerations and personal injuries Back injuries - strains and sprains Dust inhalation - respiratory problems		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' Guardrails and toe boards to scaffold are in place and work platform complete, clean and dry Perimeter guardrail / catch scaffold to roof surfaces when working from roof surface Use task specific trained 'workers'. Monitor for airborne dust/ fibres Use of appropriate PPE.	Contractor / all 'workers'	
Use of gap filling flexible fillers / sealants - Hazardous chemicals Biological	Inhalation of fumes - respiratory problems. Eye and skin irritations/ allergies	✓			✓		3	√	Identify the risks / hazards and plan the task in consultation with the 'workers' Avoid contact with skin and eyes. Monitor air quality for chemical vapours Use task specific trained 'workers'.	Contractor / all 'workers'	

		Likelihood				Result		_			
Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
									Use appropriate PPE. Provide SDS.		
Ladder access to work areas - Slips, trips, falls and accessibility - Gravity - overbalancing	Fall from ladder Fractures, bruises lacerations and personal injuries		√		√			1	Identify the risks and plan the task in consultation with the 'workers' Use task specific trained 'workers'. Use approved ladder. Limit the use of ladders.	Contractor / all 'workers'	
Work from extension ladder - Slips, trips, falls and accessibility - Inadequate work platform - Windy and or wet conditions - Gravity - overbalancing	Fall from ladder Fractures, bruises lacerations and personal injuries		✓		✓			3	Identify the risks and plan the tasks in consultation with the 'workers' Use scaffold as working platform. Ensure ladder is at 4:1 slope. Secure ladder at base and top. Ensure 'workers' face the ladder when climbing up and down ladder. Provide and maintain barricades to restrict access to work area. Limit the use of ladders	Contractor / all 'workers'	
Use of electrical powered / battery operated tools in confined space- Electricity - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological Tools and equipment	Electric shock or electrocution Hearing loss Inhalation of dust - respiratory problems Sight damage		✓			✓		2	Identify the risks and plan the task in consultation with the relevant 'workers' RCD installed on mains supply / portable generator Guards to equipment fully operational Protect power lead from damage - power saw blade / sharp edges / vehicular traffic Use stands and hooks for leads in trafficable areas Use task specific trained 'workers' and rotate tasks Adequate light and ventilation Regularly monitor for airborne dust/ fibres Use of appropriate PPE.	Contractor / all 'workers'	
Use of pneumatic operated tools and equipment -	Impact injury from projectiles Hearing loss		✓			✓		2	Identify the risks and plan the task in consultation with the 'workers' Appropriate warning signage	Contractor / all 'workers'	

		Likelihood				Result		_			
Job Step / Hazard	Potential Harm	Likely	Possible	Unlikely	Major	Severe	Minor	Priority	Possible Controls	Responsible Person/s	Date
Compressed air - Exposure to noise - Exposure to dust - Hazardous chemicals Biological - Plant / equipment	Inhalation of dust - respiratory problems. Eye and skin irritations / allergies - Sight damage								and barricades to restrict access into the work area Ensure unobstructed access work areas Regularly monitor that air hoses are securely engaged and not damaged Guards to tools fully operational Protect air line from damage - power saw blade / sharp edges / vehicular traffic Use of appropriate PPE.		
Cutting chemically treated timber, pine and particleboard / MDF sheets - Exposure to noise - Exposure to dust - Hazardous chemicals - Biological Equipment	Hearing loss Inhalation of dust – respiratory problems Sight damage		✓			✓		2	Use task specific trained 'workers'. Identify the risks and plan the task in consultation with the relevant 'workers' RCD installed on mains supply / portable generator Guards to plant and equipment fully operational. Regularly monitor for airborne dust/ fibres Train 'workers' in the safe handling and cutting of hazardous materials Monitor for airborne dust/ fibres Adequate ventilation Use of appropriate PPE Provide SDS for product.	Contractor / all 'workers'	
Site clean up on completion of work Manual tasks Exposure to dust - Hazardous chemicals Biological -	- respiratory problems. Eye and skin irritations / allergies		√			>		Э	Place all building waste and rubbish in the designated waste area / skip bin Leave site / work areas in a clean and tidy condition Remove any temporary barricades if no longer required	Contractor / all 'workers'	

Australia Pty. Limited work site.

Company Name:

Signed by:

for and on behalf of: Cape Cod Australia Pty. Limited

ABN: 54 000 605 407

Builder's Licence No.: 5519

Address:

Phone:

Fax:

Email:

I / We have consulted with Cape Cod Australia Pty. Limited and have mutually agreed on the above procedures. This risk assessment provides details on how I/we will manage my/our work on this Cape Cod