Construction Management Plan

Almondbury Rd Residence, Ardross

Lot 278 (25) Almondbury Road, Ardross.

For: Spinnaker Developments

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Construction Management Plan Authorised by:

Director of Construction	**Greg Cran**		
	Name	**Signed**	**Date**

Project Team

Name	Job Title	Signature	Contact Number
Leo Yong	Contract Administrator		0401 101 7210
Paul Sedar	Project Manager		0403 062 663
Jaco Van Staden	Operations Manager		0400 234 939
Jessy Lee	Site Manager		0481 397 057

1. INTRODUCTION

This Construction Management Plan (CMP) has been prepared by Thomas Building Pty Ltd for Lot 278, Ardross, Inglewood)

on behalf of the Spinnaker Development (Principal).

The proposed development Forward works will commence Early March 2026 with expected completion Q2 2027

This CMP has been developed to meet the specific requirements of the project. The CMP demonstrates the processes, controls and staging of the works required for the project scope. Site logistics, staging plans, a Traffic Management Plan, programmes to assist in developing our approach to the various stages.

Thorough investigations, workshopping and consultation with our in-house construction professionals and external parties has taken place to develop and comprehensive methodology and programme that maximises value whilst minimising programme and delivery risk.

In preparing this CMP significant consideration has been given to mitigate the impact of this project to the surrounding environment, residents, and neighbouring businesses.

1.1 STAKEHOLDER CONSULTATION

The Thomas Building project approach to Stakeholder consultation is to keep communications professional and easy to understand. The Thomas Buildings Site Manager will be the key point of contact and manage external stakeholder liaison. This important role is responsible for managing stakeholder communication and providing a courteous understanding of specific stakeholder needs including managing any enquiries or issues as they arise.

The ongoing planning and implementation of the construction works will also be completed in consultation with the following statutory authorities where applicable:

- City of Melville
- Water Authority of WA
- Western Power
- Telstra
- ATCO Gas Australia
- DFES
- Work safe.
- Environmental Protection Authority

Thomas Building is fully aware of the parking restrictions within the City of Melville. Trades will be encouraged to park in designated areas

Thomas Building will also request personnel utilise the public transport system where possible.

1.2 CONSTRUCTION HOURS

Working hours will be in line with the City of Melville guidelines and the Cities Health Team to 7am to 7pm Monday to Saturday. Scheduled construction activities will be in accordance with those working hours.

On occasion and when required, it may be necessary to undertake out of hours activities. However, any works conducted out of approved hours shall be subject to Stakeholder and Council consultation along with an Application for approval of Noise Management Plan.

1.3 THE SITE

The site is located at Lot 278 Almondbury Road, Ardross
At lot 278 on Deposited Plan 7980 Volume 572 Folio 82A and it being the whole of the land.

The Property is Rectangle Shaped site of 800Sqm. The House has been demolished and the site is currently vacant..

***Note: The developer/Builder have entered into a lease agreement for the use of the adjoining vacant block to the East of Lot 278 Almondbury Road for storage and parking.**
This enables the majority of the construction works to be carried out within the site boundary, minimising disruption to the public roadways and footpaths.

1.4 SCOPE OF CONSTRUCTION ACTIVITIES

General Arrangement:

- 4 Storeys where Car park on Basement Level, Ground Floor to level 2 Plus a Roof
- 20 apartments, across 3 levels

The Enabling Works:

- Mobilisation to site
- Clearing of Vegetation.
- Removal of boundary fences
- Replace Boundary fences with Temporary fences
- Earthworks to establish site levels
- Installation of Boundary retaining wall
- Installation of Underground Drainage
- Excavate, Form and Pour concrete footings
- Install Foundations & Columns
- Form and Pour Ground Floor Slabs
- Installation of Concrete Precast walls & Columns
- Form and pour Level 1 Slab
- Installation of Concrete Precast walls & Columns
- Form and Pour Level 2 Floor Slabs
- Installation of Concrete Precast walls & Columns
- Form and assemble roof structure
- Installation of Planter boxes through out
- External Façade finishing
- Progressively drop scaffold
- Internal Finishes and fit out
- Landscaping
- Commissioning
- Handover and Certification
- Project Completion.

2. SITE ESTABLISHMENT AND LOGISTICS

2.1. SITE FENCING

As detailed in the following site plans, a Temporary boundary fence will be erected to secure the site during the construction works. It will display all statutory signage including the Thomas Building Site Sign with the Name and contact of the Site Manager, Building Registration Number, Name of Practitioner etc. Refer to appendix 4 for a list of signs displayed.

Temporary Site fence will remain in place as per the site plan for the duration of the Main Works project, It will display all statutory signage including the Thomas Building Site Sign with the Name and contact of the Site Manager, Building Registration Number, Name of Practitioner etc. Refer to item 2.2 for a list of signs displayed. Note: Temporary Site fence will be fitted outside the boundary (up to verge to enable clear 2000mm unobstructed footpath access on the pedestrian footpath along Almondbury Road).

A gate will be positioned offset the footpath to accommodate efficient movement in and out of site. The gate location is indicated on the Site Plan with the arrows; The gates will be open during Construction hours only; they will remain closed outside of normal construction hours.

There is no Verge Tree at 25 or 27 Almondbury Road however we will applying TPZ to the tree with fencing.

Site Plan:

2.2. SITE SIGNAGE

SITE FENCING SHADE CLOTH & ALTERNATE MATERIALS:
(Note final marketing and logo's to be added)

SITE MAIN INFORMATION SIGN:

WARNING SIGNS:

DIRECTION SIGNS:

NOTICE SIGNS:

TRAFFIC MANAGEMENT SIGNS:

2.3. SECURITY

To restrict and control unauthorized site entry a remote monitored CCTV security system will be installed as part of site establishment. Thomas Building has successfully trialled, and is utilising on several existing projects, a weatherproof OMV motion viewer CCTV system. This wireless CCTV security system is motion or remote activated and is purpose designed for building and outdoor security work.
Motion activated security light will supplement the OMV CCTV system to further deter unauthorized site access. The CCTV system is installed and will comply to the Surveillance Act 1998.

2.4. SITE AMENITIES & ABLUTIONS

The Site Office will be placed onsite clearly sign posted (Refer site Plan for Location) by leasing its adjoining vacant land by Thomas building.

Trade & site personnel amenities & toilets will be established within the site fencing (Refer site Plan for Location).

The site Toilets will be in a position it can be connected direct to the Main Sewer system;

External Lighting will be mounted to the Site amenities and will be facing the site only to avoid minimal impact on the neighbourhood.

Ablution Block (Direct Connected to Main Sewer)

Site Office & Crib Room (side by side)

2.5. PARKING

Thomas Building will not permit or tolerate any illegal parking and will ensure this is policed daily to ensure cars are parked in the designated parking areas approved by the City of Melville.

Trades will be encouraged to park in the designated areas in the vacant lot.

No Construction related vehicles are to park along Almondbury Road on the verge or the footpath.

Continuing Consultation will be done with the City of Melville and residence to ensure traffic flows undisrupted and trade parking is kept within the project area and does not cause issues with local residence, pedestrians etc.

Public Transport will be encouraged to be utilized throughout the project.

Parking Plan:

2.6. DELIVERIES

Deliveries to and from site is an important part of the overall Construction Management Plan. Deliveries will be encouraged whenever possible to utilise the specific Delivery Route. With the understanding of the high traffic flow between 7.30am to 8.30am & 2.30pm to 3.30pm, we will try our best endeavour to minimise any deliveries during this time.

Site Deliveries will be unloaded from the vacant block adjoining lot 278 via a crane, Manitou/ forklift and positioned on site.

Traffic Management will be in place when required to ensure minimal traffic congestion around the project and in a way not to cause disruption if required and whenever necessary. Delivery truck will be requested to turn into the vacant lot to unload and do a u-turn in the lot and out to Almondbury Street in order to minimise disruption to the traffic flow. Refer TMP for swept path indication.

Note hardstand will be placed on the vacant lot from the entry point to most of the lot for vehicle movement which will reduce sand and soil migration. *A street sweeper or path sweeper will be utilised to keep the road and path free of sand and other detritus.*

2.7. TRAFFIC MANAGEMENT

Thomas Building will develop a comprehensive and site-specific Traffic Management Plan (TMP) with a Licensed Traffic Planning Company to ensure the safe and efficient delivery of the works for both Thomas Building the project stakeholders and residential neighbours.

The TMP will be detailed to ensure pedestrians and vehicles can move safely and unencumbered around the site while the development takes place.

The traffic management plan is a working document and will be reviewed several times throughout the project to maintain safety & efficiency.

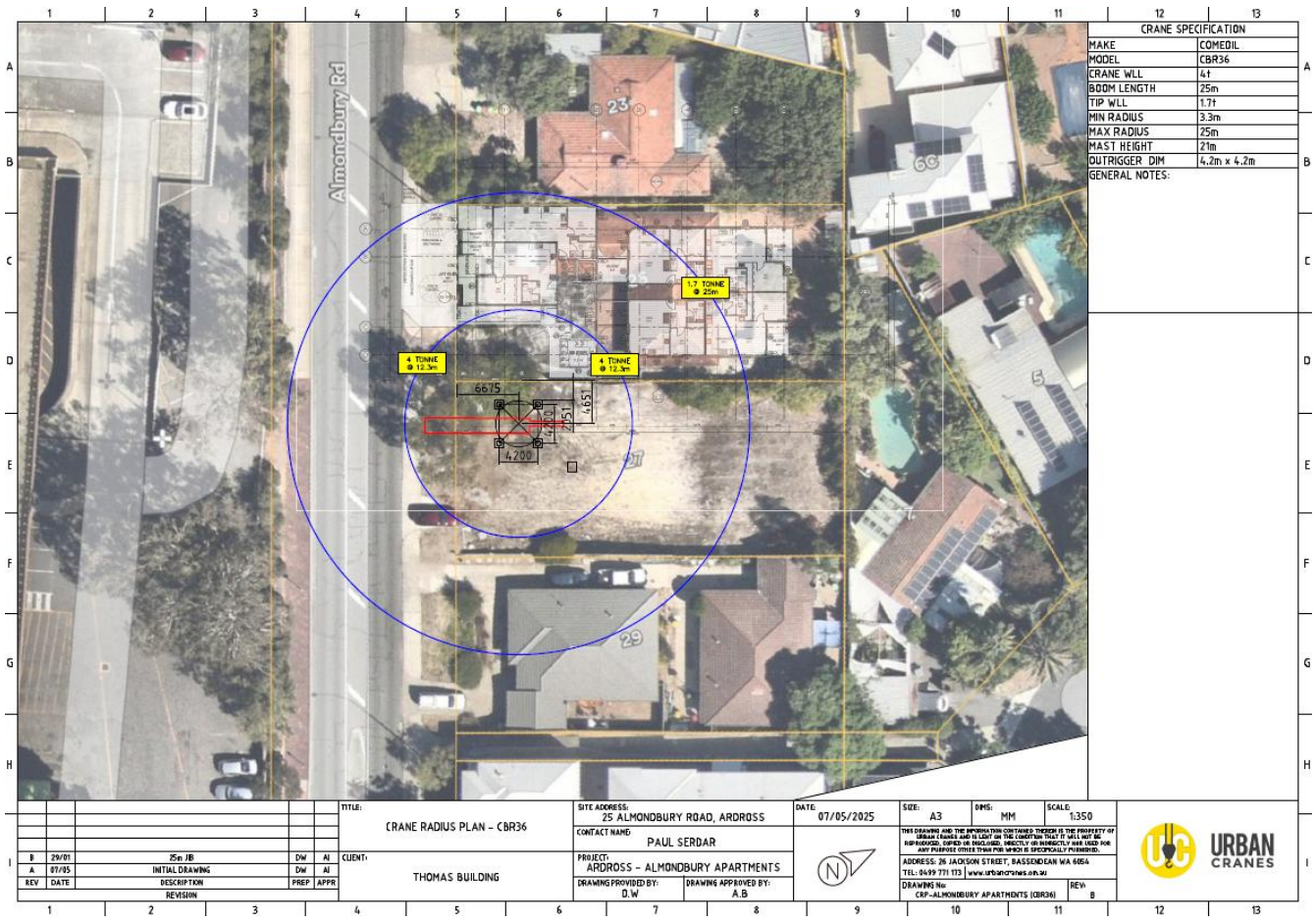
The Traffic Management plan will be issued Prior to starting and approved by the Relevant authorities.

2.8. CRANAGE

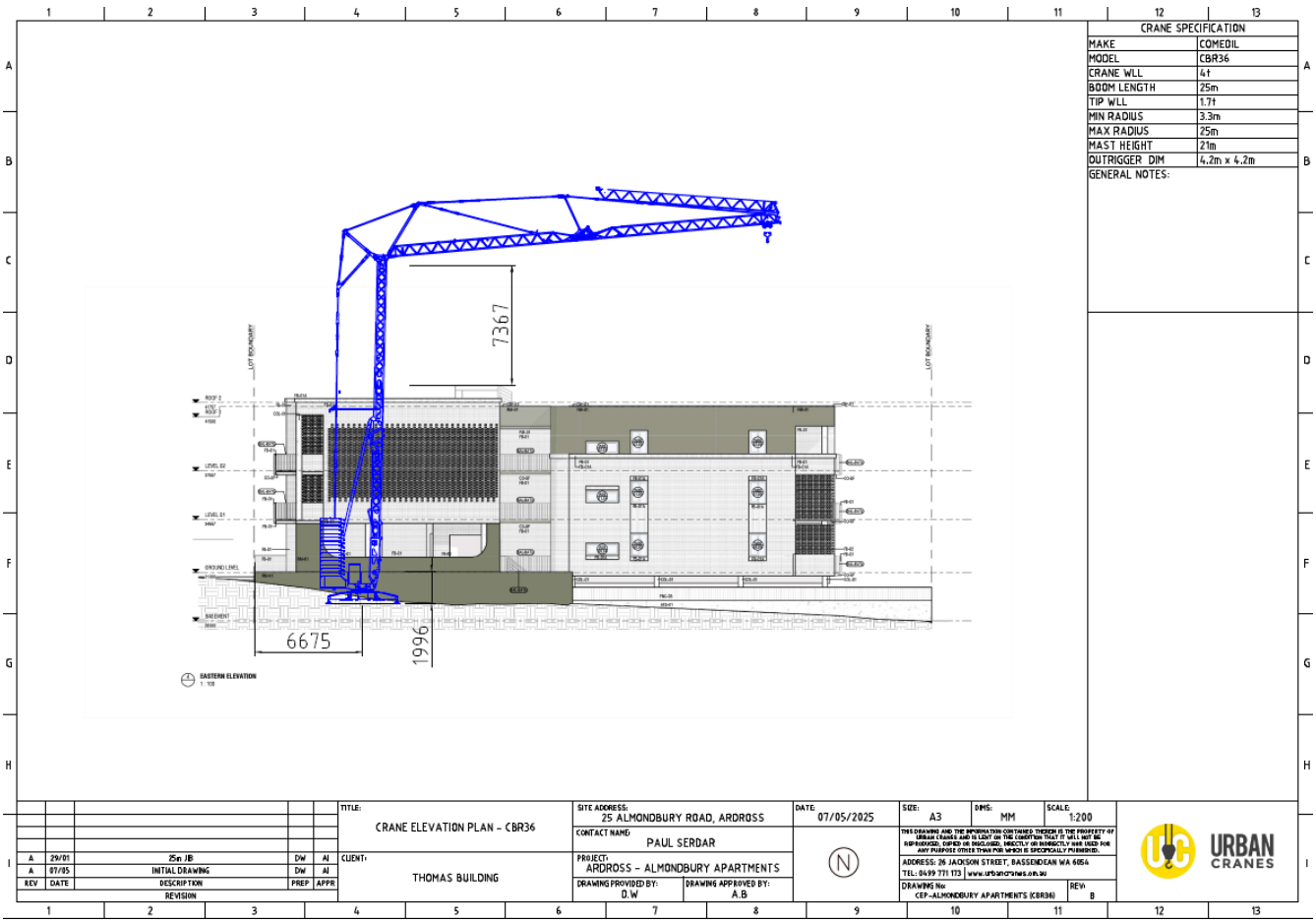
Following a diagrammatic crane investigation and hook time analysis a self-erecting crane will be required.

Self-erecting crane usage will be used for the majority of the project. The location of the self-erecting crane has been chosen to be able to minimise any disruption.

Appendix 3a Self-erecting Crane Radius



Appendix 3b Self-erecting Crane Elevation Plan



2.9. CONCRETE PLACEMENT

Concrete placement will be via a boom pump. This will be positioned in the adjoining block due to site constraints with a tight footprint. All trucks will enter through 27 Almondbury Road and position itself in line with the boom pump then exit through the same gate, this will minimise congestion along Almondbury Road.

The Traffic Management will be implemented as required.

Concrete Pour Site Map:

2.10. MATERIALS HANDLING

The following will be utilised for materials handling on the site:

- The self-erecting crane as previously detailed.
- Mobile cranes.
- Boom pumps as previously detailed.
- All terrain Forklift & or Telescopic Handler
- Lifts fitted out as builders' lifts prior to permanent operation.
- Trucks for deliveries unloaded in the designated loading zones within site working hours.
- Dedicated loading zones on the structure on each floor.

2.11. SCAFFOLD AND VERTICAL ACCESS

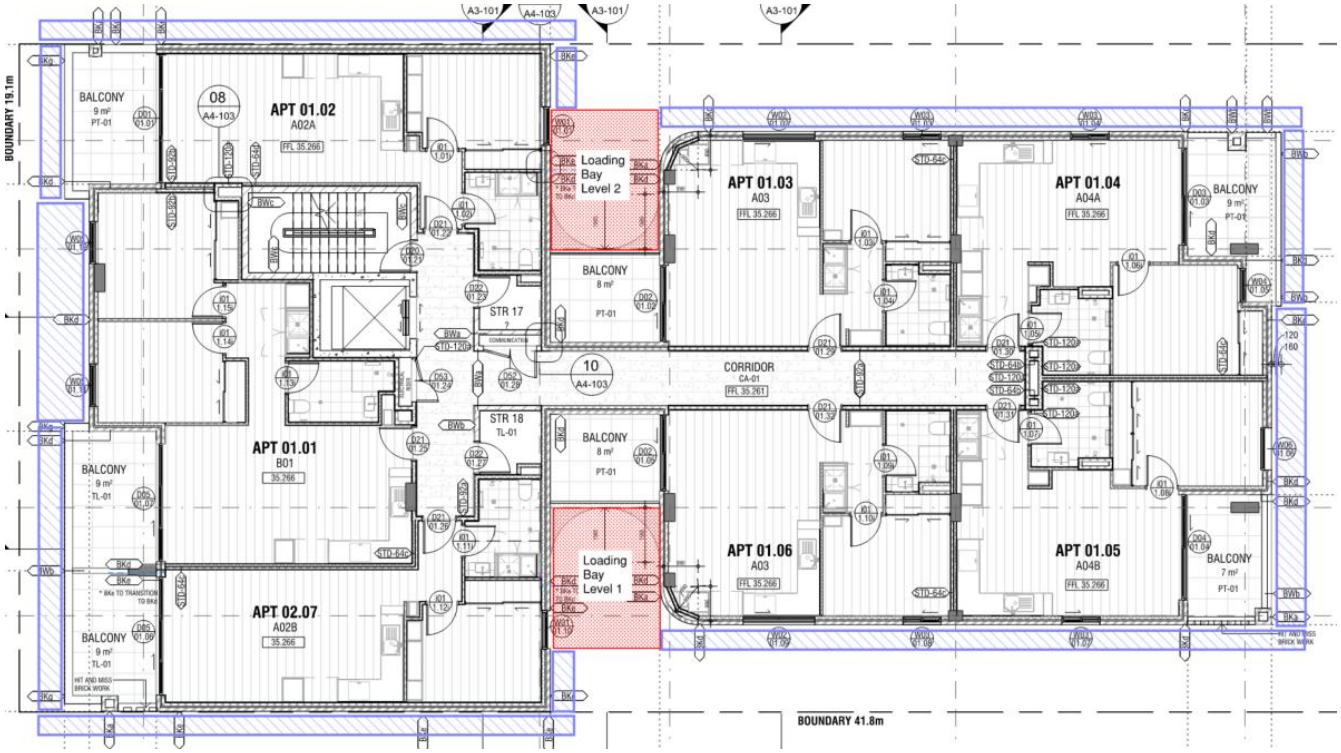
Extensive scaffolding is required for construction access on the project including:

- Perimeter scaffolding to the building.
- Scaffold to lift shafts and voids.
- Scaffold stair access.

- Scaffold stretcher stair access.
- Bridging scaffold.
- Scaffold is required on the project to ensure the safe and efficient construction of the project.

The scaffold will be wrapped in construction mesh to mitigate the risk of falling objects, minimise dust and sand in and out of the building, and for improved site presentation and amenity for the neighbours during construction.

A suitably qualified scaffold/temporary works engineer will be engaged to control and certify scaffold designs.



2.12. WASTE MANAGEMENT

Waste management is a planned activity and requires ongoing monitoring to maintain an efficient site and reduce any negative impact on surrounding stakeholders or neighbours.

A company such as Instant Waste will be engaged. The waste will be transported with skip bins from site to their recycling facility where the rubbish is sorted into recyclable items. All efforts are made from site to the waste facility to limit the amount of waste going to land fill.

It is anticipated that rubbish will be handled on site via bins on each level which will be either crane lifted, or during the fit-out stage, brought down via the materials hoist and builders lifts in smaller bins and transported to the larger skip bins which will be positioned within the site compound.

All bin collections and deliveries will take place on site within work hours in the dedicated loading zones to avoid disruption to the neighbours.

2.13. NOISE & VIBRATION MANAGEMENT

Noise and vibration will be generated on the project site during construction such as earthworks, plant & vehicle movements, generators, heavy machinery for example excavation machinery and hand-held machinery and tools.

Noise and vibration will be minimised where possible. Thomas Building will attempt to use quieter machines and construction methods. Noise and vibration monitors will be used if required to ensure that the EPA guidelines are adhered to.

Noise and Vibration Monitoring equipment will be used on this project to ensure that all works carried out meets the minimum requirement and so neighbouring properties can be ensured that the works being carried out will not affect their properties.

2.14. DILAPIDATION REPORTS

Dilapidation Inspections have been carried out by Napier & Blakeley to the surrounding buildings and external areas surrounding the site.

A further assessment and pictures will be taken by the site Manager prior to works starting onsite looking at the below areas.

- Adjoining public areas – footpaths and the like.
- Adjoining authority assets

Dilapidation Surveys will be issued to all adjoining neighbours' and other required stakeholders when completed at the commencement of the project. A post completion comparison survey will also be issued at the completion of construction works.

Nearing completion of the project, Condition Reports shall be completed to cross reference any variations to the reported conditions noted in the Dilapidation Reports. Should any occur, assessment would then need to occur to identify if the item is attributable to the activities conducted on the project as other contributors can including ongoing dilapidation of an existing condition, damage by others and the like.

3. WORK PLACE HEALTH AND SAFETY

3.1. WHS MANAGEMENT PLAN

The project team has developed a site specific WHS Plan for the project that will be the central management document for all site workplace health and safety. The WHS Plan is the road map for outlining the WHS practices for the project and for providing clear guidelines for the Thomas Building team and its contractors on the systems to be established, implemented, and maintained to provide a safe workplace for all – including safe interfaces with external stakeholders such as pedestrians.

The HSE plan contains the WHS&E risk register that is reviewed and updated on a regular basis during the project.

Thomas Building 's WHS management system that will underpin the project safety meets the requirements of the Australian Government Building and Construction WHS accreditation scheme and is audited both internally and externally every six months. Thomas Building is also compliant with AS/ NZS4801 Occupational Health & Safety Management Systems.

All Thomas Building site teams are trained into the company's OHS management system and monitor its implementation for the duration of the project.

3.2. WHS RISK ASSESSMENT

As part of the development of the WHS plan the project team are required to complete a specific risk assessment and compile a Risk Register for inclusion as a supporting document to the WHS Plan.

The risk register provides details of all foreseeable hazards and the associated risks together with details of control measures to be implemented on site. The risk register is a live document and is reviewed at least monthly and amended where required. The risk register is provided to all subcontractors who are advised that the register is to be used in the development of their site-specific safe work method statements which are to be

submitted to and reviewed by Thomas Building site team members prior to the works commencing.

The Risk Register will include, but is not limited to:

- High risk construction work,
- Protection for the public,
- Protection for staff,
- Traffic and pedestrian management,
- Mobile plant and materials handling,
- Use, handling, storage, and disposal of hazardous substances
- Ensuring that the correct safety documentation is submitted and reviewed prior to the commencement of work on site.

3.3. TRAINING AND INDUCTION

Thomas Building has an online Induction system implemented on all it's sites. The Procure system forms part of the contractors or subcontractors' requirements when the company or individual is engaged to carry out work on a Thomas Building site.

A site-specific induction will be developed for the project and will be attended by any person that is to work and or visit the site prior to them being allowed access to the site and work areas in general.

The induction will include site-specific hazards, health, and safety information relevant to their work activities, security arrangements, heritage requirements, ESD requirements, procedures to be followed in the event of an emergency, no go zones, identification cards, access to and from the site and general safety rules and protocols to be adopted, including those requirements in relation to the base building contractor's site safety rules.

In addition, Subcontractor's supervisors will be required to provide details of the WHS training they have completed to enable them to oversee the safety of their workers and others under their direct supervision.

3.4. SAFE WORK METHOD STATEMENTS (SWMS)

Site-specific SWMS are to be provided by Thomas Building and its subcontractors for all high-risk construction work in accordance with the Work Health and Safety Regulations, 2011. Each SWMS will be reviewed by Thomas Building prior to commencing the task to which it relates.

The nominated Thomas Building supervisor will oversee the works to which the SWMS relates to ensure work is being carried out in accordance with the SWMS and shall direct a cessation of the works covered by the SWMS where non-compliance to the SWMS is identified.

3.5. SUBCONTRACTORS

Subcontractors will be provided with the project risk assessment and Thomas Building HSE system which outlines the safety requirements specific to the project which the subcontractor is required to comply with.

The WHS Plan is developed in conjunction with the site risk register and site HSE plan and includes requirements covering, for example, risk management; workplace inspections; hazard reporting; permits to work; isolation and termination of services; site safety rules.

Subcontractors will be required to meet Thomas Building 's safety criteria before being considered to undertake works on the project.

3.6. MONITORING COMPLIANCE

The site WHS Plan will contain details on how Thomas Building monitor compliance with the safety requirements applicable to the site.

The plan will provide details on frequency of inspections and responsibilities for carrying these out.

It will also detail requirements for independent inspections to be carried out on the temporary structures (Site fencing, scaffold, etc), temporary electrical installations and other critical areas that may be identified in the site risk register.

Thomas Building engages an external safety auditor to carry out and inspect all projects on a Bi-Monthly basis, any safety concerns or hazards identified within the audits are rectified within 48 hours dependant on severity. A close out report is filed for future reference.

3.7. MANAGING COVID-19

In response to COVID-19 infections, Thomas Building has implemented the following guidelines on site if the situation occurs again. These protocols will be communicated through site inductions and toolbox talks as well as site posters with the following messages.

- Practicing Good Personal Hygiene
- Practicing Social Distancing
- Communicate in smaller groups
- Keep amenities hygienically clean
- Do not come to work if workers are feeling unwell

3.8. CONSULTATION

Thomas Building recognises that workplaces have a better health and safety outcome when stakeholders, such as workers, have an input before decisions are made about health and safety matters affecting them.

Before work commences, Thomas Building will establish consultation and representation mechanisms for the project that will allow for meaningful discussions between the applicable stakeholders, employees and Thomas Building in relation to WHS.

Procedures for dealing with safety issues and concerns, including disputes relating to health and safety matters will be communicated to all personnel during the site-specific induction.

The consultative process to be established on the project shall be in accordance with the 'Worker Representation and Participation Guide' established under the Work Health and Safety Act, 2011.

3.9. FIRST AID PROCEDURE

Thomas Building provides its employees and contractors thorough information, instructions, and access to first aid facilities and services. These include:

- The location of all first aid boxes and equipment.
- The Emergency Contact Register.
- Procedure to follow in the event of first aid being required.

Thomas Buildings policy is to have at least 1 person onsite at all times trained and qualified to provide First Aid if required

First aid boxes will be clearly marked, and the contents adequately maintained and replaced or added to as necessary.

Note: Where it is not practicable to maintain equipment on site then Thomas Building Pty Ltd will advise contractors working on Thomas Building Pty Ltd sites to maintain their own first aid equipment.

3.10. INJURY REPORTING

All workplace injuries are to be recorded on the site "Injury Register". The Site Supervisor/Manager shall determine the need to complete an "Incident/Injury Report Form" and/or undertake a formal accident investigation based on the circumstances of the incident/injury and/or the potential for the incident to cause greater harm.

WorkSafe must be notified of the following types of injuries.

- A fracture of the skull, spine, or pelvis.
- A fracture of any bone —
- In the arm, other than in the wrists or hand.
- In the leg, other than a bone in the ankle or foot.
- An amputation of an arm, a hand, finger, finger joint, leg, foot, toe, or toe joint.
- The loss of sight of an eye.
- Any injury other than an injury of a kind referred to in paragraphs (a) to (d) which, in the opinion of a medical practitioner, is likely to prevent the employee from being able to work within 10 days of the day on which the injury occurred.

3.11. SAFETY MEETING

Thomas Building ensures all safety meetings are captured. These meetings are the responsibility of our qualified Site Managers.

All meetings are arranged at least two days in advance which include the client if applicable.

In addition, The Site Managers shall ensure that Toolbox Talks are conducted.

The Site Supervisors shall ensure that the names of attendees, the issues discussed, and any outcomes reached are recorded in the Toolbox Talk section of the Thomas Building Pty Ltd Site Inspection and Hazard Report Form or the Thomas Building Pty Ltd Toolbox Meeting Agenda/Minutes form.

3.12. PUBLIC SAFETY PROCEDURE

Safety signs shall be designed and constructed in accordance with Australian Standard AS1319.

Warning signs shall be posted at the entrance to site and shall be constructed and erected so that they themselves do not create a hazard.

All signs shall be removed immediately when the information they contain is no longer relevant.

Warning signs shall be in a position so that they should attract attention and be clearly visible to all concerned.

Prohibition, danger, obligation, and caution signs shall be sited in relation to a particular hazard to allow anyone ample time after first viewing the sign to heed the warning.

When possible, all visitors should arrange an appointment time with Thomas Building Pty Ltd Site Managers prior attending site.

The Supervisor will take all practicable measures to ensure that all visitors to the work site are recorded in the visitor's register. Visitors who have not completed the Mandatory Safety Awareness Training shall be always escorted while on site.

A prominent notice will be displayed at the front of the site stating that all visitors must report to the site office.

In the event of an emergency, especially one requiring evacuation, the Supervisor, designee, or suitably authorised person, shall be responsible for the safety of the visitor.

3.13. LOCAL SITE COMMUNICATIONS

Thomas Building will letter drop adjoining properties, giving them Thomas Building Pty Ltd details. The Letter drops will be staged in line with major works or events for example.

- Construction commencement,
- Crane Installation & Removal
- Concrete Pours

Refer to our standard letter, confirmed dates will be added at such time they are known and before letter is sent to recipients.

The site manager is to be contacted as the first point of contact for any site related issues. In the event the site manager is unavailable, then the Construction Manager is to be contacted. The telephone numbers will be displayed at the entry point to site.

Thomas Building will have a Complaints register onsite that can be sent to the City of Melville by request.

Construction Commencement Example letter

THOMAS BUILDING

29 January 2026

File Ref: T936

To the owner.

PROJECT NAME: Almondbury Rd Residences, Lot 278 (25) Almondbury Road, Ardross

Subject: Construction Works commencing.

This letter is to advise you that construction work will commence on the 2nd March 2026 and estimated completion June 2027.

To minimise disruption to the neighbouring residence and community Construction activities are strictly controlled under the Construction Management Plan (CMP) & Traffic Management Plan (TMP).

The Noise Management Plan places restrictions on activities of each trade between the times listed in hours of work within the (CMP) and is in line with the local authorities and state regulations.

All efforts will be made to minimise disruption during the construction works. And events that may cause delays will be notified through a letter distributed to those that will be impacted.

We request your patience, and anticipated co-operation during this time.

Should you be disturbed by activities on the site, requiring further information please contact the Site Manager

All Contact details are displayed clearly on the site fence around the construction zone.

Yours Sincerely,

Leo Yong
Contract Administrator

Thomas Building Pty Ltd
ABN 36 146 391 675

2/30 Hasler Road
Osborne Park
Western Australia 6017

08 9445 2888
reception@thomasbuilding.com.au
thomasbuilding.com.au

3.14. SITE SAFETY INSPECTION PROCEDURE

Workplace inspections are an important part of Thomas Buildings WHS plan. The inspection is carried out for the following three basic reasons:

- To check specific conditions while at the same time checking actual performance against predetermined standards to determine if acceptable safety and health conditions are being achieved.
- To monitor and evaluate the performance and compliance against organisational policy, procedures and other predetermined requirements.
- To identify hazards and workplace practices that has the potential to cause accidents and injury.

Thomas Building Pty Ltd Site Inspection and Hazard Report Form allow the Site Manager to monitor areas and storage or maintenance areas. Once the inspection has been completed any identified hazards or unsafe practices should be addressed and a record of actions taken recorded on the site inspection report.

Where a hazard cannot be effectively controlled so as to allow normal site operations then temporary controls will be put in place and a Hazard Action Report Form shall be completed in accordance with the appropriate Thomas Building Pty Ltd procedure.

The Site Manager should ensure that all site personnel exposed to a potential hazard or unsafe work practice are formally made aware of relevant issues. This will be completed in accordance with the requirements of the Thomas Building Pty Ltd Toolbox Talk Procedure.

During the site inspection the Site Managers should check that all site personnel have completed any mandatory training such as Safety Awareness/Construction Industry Training. Safety Awareness/Construction Industry Training card numbers for site personnel should be recorded by the Site Supervisors in the appropriate place on the Thomas Building Pty Ltd Site Inspection and Hazard Report Form.

4. ENVIRONMENTAL MANAGEMENT

Thomas Building Pty Ltd understands that it may be required to provide a comprehensive Environmental Management Plan (EMP) that meets all relevant statutory and contractual requirements for specific sites and/or projects.

The following environmental management and protection procedures relate to all Thomas Building Pty Ltd sites but may be superseded by the Principal Contractors Environmental Management Plan where such exists.

The Protection of Street trees is carried out on all construction sites. When establishment of the site occurs Thomas Building will create a barrier around Street trees on the verge so they don't get damaged during construction.

4.1. INDIGENOUS CULTURE, HERITAGE SITES AND ARTEFACTS

Thomas Building Pty Ltd understands the cultural significance of the land to Indigenous Australians and has therefore developed a procedure and policy in relation to the discovery of indigenous cultural heritage sites and/or artefacts.

An Indigenous Cultural Heritage Sites and Artefacts policy forms part of Thomas Building Pty Ltd Safety Management System.

4.2. CLEARING OF VEGETATION

Although not normally involved with the clearing of land as part of a construction process Thomas Building Pty Ltd recognises it has a duty of care in relation to the clearing of native vegetation. Where Thomas Building Pty Ltd is the principle contractor of a project that involves the substantial clearing of native vegetation suitably qualified specialists will be engaged to ensure all relevant State or Territory Legislation, Codes of Practice and any relevant environmental guidelines.

4.3. CONTAMINATED SOIL AND/OR MATERIALS

Where contaminated soils have been identified on site, and/or where hazardous substances are being removed from site, Thomas Building Pty Ltd will develop and introduce specific procedures to ensure that such hazardous substances or contaminated materials are not accidently carried off site by any vehicles by introducing appropriate inspection regimes including the logging in and out of vehicles.

4.4. EXCAVATIONS

Excavation works and/or management will be conducted in accordance with the Western Australian Code of Practice for Excavation, 2005, as approved by the Department of Commerce, Western Australia.

A general excavation procedure forms part of Thomas Building Pty Ltd Safety Management Plan.

4.5. STORMWATER AND WASTE WATER MANAGEMENT AND CONTROL

Where a risk assessment indicates a need for the management of stormwater and/or water runoff, Thomas Building Pty Ltd will develop and implement a system of stormwater control to prevent the discharge of sediment and/or potentially contaminated water off-site and/or onto any identified environmentally sensitive areas.

Identification and control of this type of environmental issue is also contained within Thomas Building Pty Ltd Pre-start Hazard Assessment Procedure which forms part of our Safety Management Plan.

4.6. STORAGE OF DANGEROUS GOODS AND HAZARDOUS SUBSTANCES

A Hazardous Substance Procedure and Register forms part of Thomas Building Pty Ltd Safety Management Plan.

No bulk (in excess of 20 litre containers) fuels, lubricants and chemicals will be stored on-site. Any limited quantities of fuels, lubricants and chemicals on-site will be held in a centralised lockable compound, vented in accordance with relevant codes of practice and Standards.

Fuels, chemicals, solvents and other hazardous liquids will not be decanted or handled in the vicinity of drainage line, or system, or any stormwater inlet points.

Material Safety Data Sheets (MSDS) will be located at the site office for all hazardous and dangerous goods used or stored on site. Thomas Building Pty Ltd will ensure that all hazardous materials are handled, used and disposed of in accordance with their MSDS.

Spill containment and treatment equipment and materials will be made available near storage areas where hazardous materials are used or stored, as appropriate. Spill kits and other suitable incident response equipment will also be located at other key points around the site and maintained ready for use. Spills of hazardous materials will be contained and collected for treatment at a licensed and approved waste disposal facility.

4.7. REFUELLING AND MAINTENANCE OF VEHICLES AND/OR PLANT

Plant, equipment and vehicle refuelling on-site will be limited to essential requirements only where it is not practical to refuel off-site. No vehicle maintenance, and non-operational/routine plant or equipment maintenance, will be conducted on-site.

4.8. DUST MANAGEMENT

Dust and other air pollutants can arise from a range of natural and man-made sources causing various acute and chronic health effects, as well as nuisance and visibility impacts. The objective of dust control on the project will be to maintain the current levels of local air quality during excavation, demolition and construction activities and to minimise the generation of dust on the project site

Identification and implementation of appropriate controls to suppress dust and other suspended particles will be central to the projects Dust Management Plan.

The generation of dust from the site can be a major nuisance to local activities as well as creating unacceptable working conditions and causing the loss of topsoil. The key area to address is as follows:

- Heavy machinery (mobile and fixed) may contribute to emissions (diesel pollution) to the local atmosphere.
- Exposed soils and unsealed vehicle access may contribute to dust generation and affect local air quality, impacts upon native fauna and flora and reduce resident amenity.
- Emissions of dust due to traffic movement. Limit areas of disturbance to the minimum necessary;
- Emissions of dust due to wind erosion of stockpile material and exposed soil.
- Dust from the cutting / hammering of stone.
- Dust generating from construction activities from the site affecting adjoining properties or public access

The main sources of dust for the works will be associated in the excavation and piling phases from:

- Wind-borne dust from exposed surfaces as excavation progresses
- Wind-borne dust from stockpiles of materials.
- Vehicle movements on site.
- Mechanical extraction from piling works.

Control of dust during excavation, piling and construction works may include:

- Perimeter site screening to contain the works and provide a wind break.
- Continuous cleaning throughout dust generating work activities.
- Ensuring demolition debris skips are covered at all times.
- The use of water suppression, as and when appropriate, to eliminate windblown dust.
- The use of sprays/sprinklers to prevent dust blow from stockpiles
- Restricting heights of stock piled material.
- Encapsulating work areas as is reasonable with mesh to scaffolds / hoardings

To control dust generation where necessary, water will be sprayed at the source of origin, over demolition and excavation materials during loading activities to prevent airborne dust particles migrating into the surrounding environment.

Ground coverings including existing paving should remain where possible to be the final item for demolition to act as a manageable hardstand for vehicular traffic and will also provide a seal to the underlying material to assist in dust control and minimising erosion and sediment run off.

4.9. NOISE CONTROL

Noise and vibrations from works on the site shall not exceed the limits set out by Legislation as per the Environmental Protection (Noise) Regulations 1997 and Health (Asbestos) Regulations 1992 The control of noise hazards will be in accordance with the hierarchy of hazard control.

Where noise is likely to affect the public, persons not associated with Thomas Building Pty Ltd activates, or surrounding businesses, Thomas Building Pty Ltd will liaise with any such individuals/organisations and develop and implement controls to reduce the adverse effects of such construction related noise.

Identification and control of this type of environmental issue is also contained within Example Thomas Building Pty Ltd any Pre-start Hazard Assessment Procedure which forms part of our Safety Management Plan.

4.10. SUN EXPOSURE

Western Australian workers are at risk of over exposure to ultraviolet radiation (UVR), which penetrates the skin and injures cells, causing sunburn and skin cancer. Australia has the highest rate of skin cancer in the world and two out of three Australians will require treatment from skin cancer in their lifetime. Over 150,000 are treated for skin cancer each year at a cost of $326 million, and 1,200 Australians die from skin cancer each year.

Exposure to UVR is greatest from 10am to 3pm when the sun is directly overhead – 70 per cent of the day's total ultraviolet radiation is received during this time. There are other major concerns raised when construction workers are limited to starting work at 7am such as heat stress and product failure due to temperatures being above 32 degrees Celsius.

Activities such as pouring of concrete should not be carried out in the heat of the day but in the coolest period early in the day for structural reasons, which may result in early start times.

4.11. PREPARING A NOISE MANAGEMENT PLAN

If construction work is necessary on Sundays, public holidays or between 7pm and 6am on any other day, then a separate noise management plan must be prepared and approved by the City of Melville.