

CONSTRUCTION MANAGEMENT PLAN



Simmich Earthmoving & Irrigation Pty Ltd

324 Duncans Road, Dalby QLD 4405

PHONE: 0418 197 328

EMAIL: admin@simmichearthmoving.com.au

1.0 Project Information

Project Address	Rangers Valley Feedlot 1304 Rangers Valley Road Glen Innes NSW 2370
Principal Contractor Details	Simmich Earthmoving & Irrigation PL
Contact Name (PC)	Michael Simmich
Principal Contractor ABN	20 162 788 007
Planned Commencement Date	September 2019
Estimated Duration	9 Months
Project Manager	Greg Mellor
Signature : Principal Contractor	

2.0 Project Work and Risks

Scope of Project Work

The construction will be as follows:

- Remove topsoil & relocate
- Prepare pen foundation surface – compaction of gravel
- Prepare feed delivery roads around new pens
- Prepare cattle lanes \ drains

If the work is contracted out to a number of trades/subcontractors, the subcontractors will be required to submit a documented Work Method Statement if they are performing high risk construction activities on site.

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Project Risks and Methods of Control

Project Hazard/Risk	Method of Control
Worker exposure to general site hazards	• Safety boots and Hi-Vis Clothing will be mandatory and be worn at all times on site and as a condition of entry • Signage indicating these requirements will be displayed at the site entrance • Project Manager will monitor compliance during site visits
Amenities on site	• Drinking water will be established • Provide and maintain an on-site temporary toilet with wash basin • Establish lunch facilities
Electrocution from general supply of electricity on site	• Fit a residual current device (RCD) that supports each socket outlet to the in situ switchboard on site. The RCD will be tested by a licensed electrician immediately after it is connected to ensure it trips within the specified time period and current limit • The RCD will be tested at 3 monthly intervals • If a portable power board is installed it will be tested initially as above and then at monthly intervals • All power packs on site will be industrial RCD included units and will be tested daily • All leads used on site will be tested and tagged at 3 monthly intervals • Any damaged leads or equipment will be tagged out of service and removed from site
Worker exposure to hazards due to poor housekeeping practices and inadequate access on site	• The entrance to the site will be clear at all times • Signs will be displayed at the site entrance indicating: ○ the principal contractor; ○ clear access must be maintained; and ○ mandatory personal protective equipment requirements • A rubbish skip for all general construction rubbish and waste materials will be provided and replaced when full all rubbish is to be put into this skip before leaving the site each day • Excess material and equipment is not to be stored within the access ways of the building • Materials and plant will be safely stored within the boundary fence and next to the entry gate • Project Manager will monitor housekeeping practices housekeeping information will be given to subcontractors at pre-work meeting/discussions
Worker exposure to underground services when performing	• Identify the location and type of underground services before work starts • This information will be recorded and given to

excavation activities	relevant subcontractors during pre-work meetings/discussions
Project Hazard/Risk	Method of Control
Worker exposure to hazardous substance risks on site	• <i>Simmich Earthmoving & Irrigation Pty Ltd</i> will maintain a register of hazardous substances used on site. A copy will be kept on site. • SDS for all hazardous substances to be used will be recorded in the register including all subcontractor related hazardous substances and SDS
Falls from heights	• Provide guard railing around exposed edges, where a fall could occur • Once on a roof I/we will use travel restraint techniques to restrain people from getting themselves into a position from which they can fall. • Staff/Subcontractors are to trained and deemed competent in safe working at heights • Staff/Subcontractors who engage scaffolding as a control measure will ensure it is erected by a licensed operator and a certificate of inspection has been received • Staff/Subcontractors who engage the use EWP that elevated over 11meters will ensure they hold relevant Licence • Staff/Subcontractors who engage scissor lifts or other equipment must be deemed competent
Falling objects	• Staff/Subcontractors will advise the Project Manager where work is to be done above others. This will also be discussed during pre-work meetings with the subcontractor • Project Manager will schedule work so work is not done above others • Staff/Subcontractors will enforce an exclusion zone to prevent persons entering areas where people are working above an exclusion zone must be established on a basis of 4 into 1 + 1m

3.0 Project Consultation

Workplace Health & Safety Committee

The current Workplace Health & Safety Committee for Simmich Earthmoving & Irrigation Pty Ltd meet regularly. During the project the Principle Contractor, Project Manager or WHS Representative will attend these meetings to provide feedback from pre-work meetings, issues raised, and report on relevant WHS activities.

Workplace Health & Safety Advisor

The Project Manager will be responsible for monitoring general health and safety issues. The Project Manager will consult on a regular basis an independent WHS Advisor. The Project Manager is Greg Mellor and can be contacted on 0439 270 160.

Consultation

The Project Manager will:

- Conduct site specific inductions for all workers and subcontractors including outlining the construction management plan prior to the commencement of work;
- Sight the industry Construction Induction card prior to the commencement of work. Staff who cannot present a card will not be allowed to commence work.
- If a staff member who produces a card but cannot produce evidence of working in the construction industry for the past 2 years, must re-sit the course.
- hold pre-work meetings/discussions at the beginning of each week with all subcontractors and workers to discuss health and safety project issues;
- provide opportunity at each meeting for all workers and subcontractors to raise issues, ideas, identified hazards, and contribute to the decisions being made.
- request and explain the Work Method Statement expectations of *Simmich Earthmoving & Irrigation Pty Ltd* formally review Work Method Statements, provide feedback and request additional information as required;
- prepare and maintain the *Simmich Earthmoving & Irrigation Pty Ltd* Construction Management Plan and associated documentation;
- forward the plan or relevant sections to subcontractors doing work on the project;
- do periodic, documented inspections of the site and subcontractors as a result;
- Respond to any query, incident, injury or emergency report as forwarded by any worker on site or concerned member of the public;
- Provide additional training to staff as identified

4.0 Monitoring Project and Public Health and Safety

Subcontractor Management

Subcontractors need to fulfill these minimum requirements as a condition of working on this project:

- Prepare and submit to *Simmich Earthmoving & Irrigation Pty Ltd* a specific Workplace Health & Safety Work Method Statement for high-risk activities before starting work on site
- Before work starts, meet with a representative of *Simmich Earthmoving & Irrigation Pty Ltd* to discuss the project's health and safety requirements, the subcontractor's Work Method Statement and any other specific information relating to the subcontractor's activities
- Make reasonable additions to their Work Method Statement as requested by *Simmich Earthmoving & Irrigation Pty Ltd*
- Contact the *Simmich Earthmoving & Irrigation Pty Ltd* representative immediately following any incident, injury, near miss, emergency or incident involving any person, including an employer, self employed person, worker or member of the public
- Discuss with a *Simmich Earthmoving & Irrigation Pty Ltd* representative any workplace activity or risk identified, unsatisfactorily controlled or dealt with
- Do activities and work in a safe and healthy manner and in accordance with the requirements of *Simmich Earthmoving & Irrigation Pty Ltd*, subcontractor Work Method Statements and the work health and safety legislation.

A register of subcontractors used for the scope of work on this project will be maintained in the Subcontractor Register (see Appendix 6).

Subcontractor Work Method Statements will be formally reviewed to ensure they comply with the requirements of the Work Health & Safety Regulation.

Simmich Earthmoving & Irrigation Pty Ltd will undertake the following course of action for identified health and safety issues:

- For minor issues the subcontractor will be given verbal direction indicating what the issue is, what needs to occur and the level of safety that *Simmich Earthmoving & Irrigation Pty Ltd* expects
- For major health and safety breaches or situations where there is imminent risk to a worker or other person, the subcontractor will stop work and be issued with a written warning detailing the issue and controls expected. Work will restart when adequate safety controls have been implemented, and
- For ongoing health and safety non-compliance of significant or high-risk nature subcontractors may be directed to cease work in accordance with a breach of the contract.

Subcontractors' Workplace Health & Safety performance will be formally reviewed during site inspections.

Site Inspections

The Project Manager will conduct day to day safety observations. The Project Manager will conduct documented site inspections, using the Site Inspection Checklist (see Appendix 7), on at least a monthly basis to provide a means through which:

- *Simmich Earthmoving & Irrigation Pty Ltd* can verify compliance with minimum control requirements, and
- Risk control methods specified by the subcontractors can be verified as being satisfactorily implemented and effective on site.

To achieve an accurate appraisal of the site and subcontractor activities the inspections will be done on varying days and times each month.

The Project Manager will also use random visits and general time spent on site to monitor health and safety performance on an ongoing basis.

Public Protection Controls

Simmich Earthmoving & Irrigation Pty Ltd has identified that control measures may need to be implemented to exclude the public, in particular children, from being exposed to the construction site risks.

However, the likelihood of risk to the general public where isolated sites are not readily accessible is lowered. An assessment of the exposure to the public will be conducted and modification to the following measures will be taken into consideration.

Simmich Earthmoving & Irrigation Pty Ltd will do the following if the public are at risk:

- Erect a 1800mm high chain wire fence around the boundary of the property
 - Erect fence before subcontractors/trades start work
 - Fence will be supported by fixed temporary concrete supports and additional incline bracing and supports (F brackets) to prevent it toppling or collapsing
 - The fence will have a gate for large vehicles to enter the premises
 - The gate is to be kept closed at all times unless vehicles and equipment are entering the site
 - The Project Manager will monitor and document the conditions and placement of the fence during site inspections
- Clearly display signs on the boundary fence that describes the site as being a construction site, accessible to workers and authorised personnel only. E.g. "Construction Site – Do Not Enter Authorised Personnel Only"
- Vehicle and equipment entry will be in accordance with the general site safe working practices.

5.0 Common Plant and Equipment

Simmich Earthmoving & Irrigation Pty Ltd will provide the following common plant and equipment (if applicable):

Scaffolding:

- Fixed scaffolding around the perimeter of the structure
 - Scaffold will be designed in accordance with AS/NZS 1576.1:2010 *Scaffolding general requirements* and AS/NZS 4576:1995 *Guidelines for scaffolding* and certified by a qualified engineer. A certified scaffolder will erect and dismantle if the scaffold is over 4 meters in height and in accordance with the manufacturer's requirements and the scaffold plan.
 - Written confirmation will be required from the installer that the scaffold has been completed
 - For scaffolding under 4m in height, it will be erected by a competent person using the plans of the manufacturer's design.
 - Edge protection, including handrails and brick guards, will be used where there is a risk of person or materials falling
 - The scaffolder will sign off that the scaffold is complete and safe for use as per the design and scaffold plan before workers access the scaffold.

Electricity:

- A generator will supply electricity to the site.
 - Leads and electrical equipment will be tested at 3 monthly intervals and will be run in conjunction with an industrial RCD.
 - The RCD's will be tested at 3 monthly intervals.

Fencing

- An 1800mm high chain wire fence around the perimeter of the construction site.
 - See Public Protection Controls within Section 4.0 for additional details

Signage

- Fixed to the boundary in easy to see locations
- Fixed in a way so that sharp or protruding edges are not exposed
- Signs will include
 - "Construction Site – Do Not Enter Authorised Personnel Only"
 - Mandatory Safety Footwear signs
 - Emergency Assembly Area
 - Entry and Exit signs, and
 - *Simmich Earthmoving & Irrigation Pty Ltd* Construction Site general sign showing the following – Principal Contractors name, phone contact numbers, location of the site office.

Rubbish Skip

- A general purpose rubbish skip will be provided within the site fence
- It will be emptied as necessary and before it becomes overloaded

- It will not be in the immediate vicinity of the building or areas where vehicles, plant and equipment are parked or stored

Amenities

The Project Manager will inspect the site before construction commences to assess the availability of lunchrooms and toilets. If the site does not contain adequate facilities the following will occur:

- A temporary toilet with washbasin to be erected
 - The toilet will be located on site before work starts
 - The Project Manager will check and clean it as required during all on-site visits and inspections
- Lunch room facilities
- Water station

6.0 Site Rules

All workers and subcontractors on site must ensure the following:

- All incidents, injuries and emergency situations must be reported to the Project Manager and your supervisor
- Must wear correct Personal Protective Equipment (PPE) (as per Work Method Statements, Safety Data Sheets (SDS) or manufacture's recommendations) during specific work activities
- All staff must have the construction induction card
- Place rubbish in the appropriate bin/skip provided before leaving the site each day
- Work areas to be kept clean and access ways free from hazards at all times
- No alcohol or illegal drugs permitted on site
- Any person affected by alcohol or drugs will not be tolerated and will be denied access to the site
- Toilets are to be used and good hygiene is to be adhered to at all times
- Before using or storing any hazardous substances, a copy of the respective Safety Data Sheet (SDS) is to be given to the Project Manager (or included in Work Method Statements)
- All personnel are to be trained in the plant and equipment being used. This includes holding certificates and licenses as required
- No person without specific approval is to alter or remove any plant, equipment or safety device on site. This includes scaffolds, handrails, barricades, signage, guards etc
- Electrical equipment including leads are to be inspected and tagged at intervals not exceeding 3 months and maintained in locations where they are not likely to be damaged or create a trip hazard
- No piggy back leads or double adaptors to be used on site
- Work above 3m in domestic construction and 2m in civil construction will require a means of fall protection
- Theft of any kind will not be tolerated and will be reported directly to the police
- All safety signs are to be complied with in full; and

7.0 First Aid Facilities

The Project Manager will ensure the following:

- Maintain an up to date record of all personnel trained in first aid, emergency contact numbers and information to pass onto the ambulance.
- Maintain in-date supplies & adequate quantities within the first aid kit by using the first aid restocking form regularly. Supply any first aid equipment that may be required additional to standard requirements.
- A trained first aid person and first aid kit will be present on each job site.
- The first aid kit's location will be identified with the symbolic first aid sign - white cross on green background. The trained first aid person will be identified by referring to the first aid attendants register on display at sites where appropriate.
- All personnel who access a first aid kit for the purpose of administering first aid must complete the report form located in the kit. (Appendix 3)

8.0 Incident Reporting

- All injuries and incidents including near misses, are to be reported to the site manager as soon as possible.
- All injuries and incidents will be recorded on the Incident Reporting Form (Appendix 2)
- All incidents are to be thoroughly investigated and risk assessed. All notifiable incidents will be reported to the Dept. Work Health & Safety

9.0 Emergency Preparedness

Emergency contact details and the evacuation process within the Emergency & Evacuation Information Sheet (Appendix 4) will be displayed clearly at the site office for all personnel to use and follow in case of an emergency situation.

10.0 High Risk Construction Activity

Please ☒ relevant activity or activities

- ☐ Entering trenches deeper than 1.5 m
- ☐ Working in a confined space
- ☐ Using a hazardous substance
- ☐ Using ladders or stair access
- ☐ Temporary work platform provided by others
- ☐ Our temporary work platform
- ☐ Where a person could fall through a framed structure
- ☐ Where installing or working on roof framing
- ☐ Working on a roof

☒ Working around Plant

☒ Electrical work

11.0 Appendices

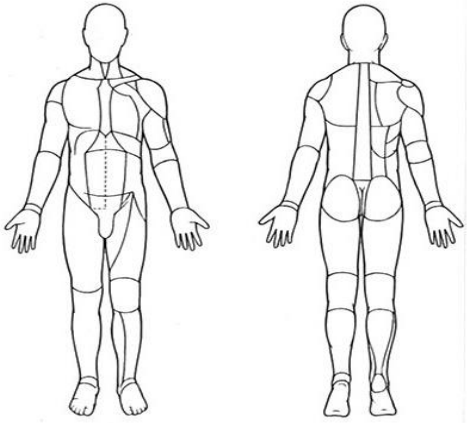
Principle Contractor will use the following forms to manage and record health and safety performance during this project.

These appendices include:

- Appendix 1 – Site Specific Induction – Construction
- Appendix 2 – Incident Report
- Appendix 3 – First Aid Report
- Appendix 4 – Emergency & Evacuation Information Sheet
- Appendix 5 – Work Method Statements
- Appendix 6 – Subcontractors Register
- Appendix 7 – Site Inspection Checklist
- Appendix 8 – Hazardous Substances Register.

Issue date: 01/09/19	Review date: 01/09/20	
Document: Site Specific Induction Checklist - Construction		
Authorised: Safety Advisor		
Site Specific Induction Checklist - Construction		
Name: _____		Employee Initials
Identify construction management team		
Outline Construction Management Plan		
Sighted CPCCWHS1001 General Safety Induction (Construction Industry) Card		
Reporting procedures explained – Incident Form; First Aid Form		
No Smoking Policy explained, read and understood		
Drug & Alcohol policy explained, read and understood		
Staff Grievance, Workplace Bullying & Harassment, Personal Conduct, Staff Non-Compliance Policies explained, read & understood		
Shown location of fire extinguishers & First Aid Kits		
Evacuation Plan & procedures explained and understood		
Understand that personal protective equipment (PPE) and clothing requirements including footwear must be worn as directed		
Location of SD Sheets (SDS) for future reference shown and understood		
Understood that high-pressure air & water must not be used for cleaning clothing or persons		
Understood that no person shall enter a confined space unless trained in confined spaces and risk assessment completed		
Understood that isolation procedures must be adhered to		
Understood that good housekeeping is everyone's responsibility – 'clean as you go' policy must be observed		
Work area potential hazards understood which include but not limited to: - Vehicle and Machinery movement - Open drains and trenches - Electrical hazards - Manual Handling - Lockout Tagout		
Work Method Statements explained and signed		
Obey all traffic signage. Follow Entry/Exit directions. Ensure responsible operation of vehicles in complex areas. Observe speed limits.		
Inspection and explanation of work area with Manager / Supervisor or delegate highlighting duties and tasks		
Shown location of amenities, lunchroom, water		
Manager/Supervisor or Safety Advisor		Employee
I have explained all relevant aspects to the employee and verify that the policies and procedures have been seen and explained		I have listened to, read and understood all relevant aspects of the policies and procedures covered in this induction
Signature		Signature
Date		Date
Work area		

Issue Date: 01/09/19	Review Date: 01/09/19	
Doc: Accident Reporting (AR001).doc		
Authorised: Safety Advisor		
Incident Reporting (IR001)		

Manager → Safety Advisor Report within 24 hours	1. Classification: Accident ☐ Near Miss Incident ☐			
	Persons Involved: Staff ☐ Contractor ☐ Visitor ☐ Public ☐		Near-Miss Type: Environment ☐ Plant/Property ☐	
	2. Incident Details			
	Location	Date	Time	Reported To:
	3. Persons Involved			
	Principal Person Injured / Involved:			Signature (Injured Person):
	Position:			Others Involved \ Witnesses: (See Attachment 1)
	Name of Immediate Manager:			
	4. Type of Injury: If applicable <i>(circle choices)</i>	Abrasion Burn Fracture Bruising Laceration\Cut Pain Rigidity Swelling Tenderness	Body Location: 	
	5. Agency Type: Machinery and fixed plant ☐ Powered equipment, tools & appliances ☐ Chemical & chemical products ☐ Mobile plant & transport ☐ non-powered hand tools ☐ materials & substances ☐ animal, human & biological ☐ Environmental agencies ☐ other & unspecified agencies ☐			
6. Accident \ Near Miss Description What Happened? (Be specific) 				
Workplace conditions?		Potential Damage \ Damage caused?	Expected Damage Cost :	
7. Contributing Factors				
Factor 1.	Factor 2.	Factor 3.	Factor 4.	
8. Supervisor Comments & Corrective Actions Taken: 				
Signature:			Date:	

Attachment 1

Statement of Witnesses (if applicable)

1.

Signature:

Date:

2.

Signature:

Date:

3.

Signature:

Date:

Additional Notes:

Issue date: 01/09/19	Review date: 01/09/20	
Doc: First Aid Reporting.doc (FAR001)		
Authorised: Safety Advisor		
First Aid Reporting (FAR001)		

First Aid Kit Location _____

Date	Time	Details of Complaint	Caused	Action Taken	Report Y/N?	Signature Required	
						First Aider	Injured

NB: This form is for the recording of all injuries/ illness regardless of smallness of incident. Please indicate where an accident report requires completion. Staff MUST complete this schedule for all first aid administered on the work site including items such as Band-Aids etc.

EMERGENCY & EVACUATION INFORMATION

Emergency Contacts	
EMERGENCY RESPONSE	
Site Address:	
PH:	
	
Construction Manager	Name: Phone: Mobile:
Project Manager	Name: Phone:
(First Aid Certified)	
Simmich Earthmoving & Irrigation – Main Office	Phone:
FIRST AID AND MINOR INJURY	
Medical Centre	Contact: Phone: Address:
Once an emergency call has been made, the incident must be reported to the Project Manager as soon as possible if this has not already been done. The following authorities may also need to be contacted.	
OTHER AUTHORITIES	
Workplace Health & Safety Queensland	Phone: 1300 362 128
SafeWork NSW	Phone: 13 10 50

Evacuation Process

1. Upon first discovery of fire, bomb or other threatening situation, immediately raise the alarm by activating the evacuation signal.
2. Report to your supervisor as soon as possible if this has not already been done.
3. Supervisor to notify the Emergency Services on 000. Additional telephone numbers are listed above.
4. Encourage people to remain calm and orderly.
5. If safe to do so, shut down any plant and equipment. Do not go back for valuables or tools.
6. All staff are to leave via the closest emergency exit in an orderly manner (an alternative route may need to be used if blocked by the danger area) and meet at the ASSEMBLY AREA.
7. If escaping through a smoke-filled area, keep close to the floor.
8. DO NOT DELAY EVACUATION if danger is imminent.
9. Once clear of the situation, proceed to designated Emergency Assembly Area.
10. All staff must remain at the Emergency Assembly Point until further instructions are given. The Deputy Chief Warden is to conduct a roll call as soon as possible to ensure all persons are accounted for. Report all missing persons to the FIRE OFFICERS.
11. Remain at the assembly area until the all clear given by the FIRE OFFICERS.

Evacuation Diagram (as displayed per site area)

Work Method Statement - Managing the Risk of Electricity

Please note: It is essential that persons who are exposed to electrocution at the work site must choose one or more control measures

(If applicable): Important: Unless more than one of the following applies, you must choose at least one option (a), (b)	
A Electrical equipment - I/We will - Fit a residual current device (RCD) that supports each socket outlet to the in situ switchboard on site. The RCD will be tested by a licensed electrician immediately after it is connected to ensure it trips within the specified time period and current limit - The RCD will be tested at 3 monthly intervals - If a portable powerboard is installed it will be tested initially as above and then at monthly intervals - All power packs on site will be industrial RCD included units and will be tested daily - All leads used on site will be tested and tagged at 3 monthly intervals Any damaged leads or equipment will be tagged out of service and removed from site	 Signature Name
B Work performed by contracted electricians - I/We will - Sight and hold any Work method statement that the contractor has in regard to de-energizing of power - Sight and hold any Work method statement that the contractor has in regard to work performed by the Electrician - Sight and hold any Work method statement that the contractor has in regard to re-energizing of power - We will acquire any relevant documentation required for verification of any electrical work including but not limited to de-energizing and re-energizing	 Signature Name

SIGHTED & UNDERSTOOD BY:		
Date	Name (Printed)	Signature

Please note: It is essential that persons who are exposed to movement of plant at the work site must implement these control measures

A Plant - I/We will • Ensure that the operator holds the current competency • Ensure the plant will be maintained to a safe standard and prestart and preoperational checks to be formed • That a dedicated lay down area is established. This will be identified by a barrier • The area will be a no-go area for general population when plant is operational and this will be identified by signage • When moving equipment from the lay down area to work site, all staff must be notified of the move and staff must be restricted by placing temporary barriers on the path and destination • No unauthorized person is to enter the plant's work area unless accompanied by an authorized person.	 Signature Name
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[illegible]

Work Method Statement - Managing the Risk of Falls

Please note: It is essential that persons who are exposed to falls at the work site must choose one or more control measures

Important: Unless more than one of the following applies, you must choose at least one option (only if applicable)	
A Scaffolding I/We will use fixed scaffolding around the perimeter of the structure - Scaffold will be designed in accordance with AS/NZS 1576.1:2010 <i>Scaffolding general requirements</i> and AS/NZS 4576:1995 <i>Guidelines for scaffolding</i> and certified by a qualified engineer. A certified scaffolder will erect and dismantle if the scaffold is over 4 meters in height and in accordance with the manufacturer's requirements and the scaffold plans. - Written confirmation will be required from the installer that the scaffold has been completed - For scaffolding under 4m in height, it will be erected by a competent person using the plans of the manufacturer's design. - Edge protection, including handrails and kick guards, will be used where there is a risk of person or materials falling - an exclusion zone will be enforced to prevent persons entering areas where people are working above an exclusion zone must be established on a basis of 4 into 1 + 1m - The scaffolder will sign off that the scaffold is complete and safe for use as per the design and scaffold plan before workers access the scaffold.	 Signature Name
B Perimeter Guard Rails - I/We will use perimeter guard rails: - at the edges of roofs - at the edges of mezzanine floors, walkways, stairways, ramps and landings - on top of plant and structures where access is required - around openings in floor and roof structures - at the edges of shafts, pits and other excavations. Guard rails will incorporate a top rail 900mm to 1100 mm above the working surface and a mid rail and a toe board. Before using a guard rail system, you should check that it will be adequate for the potential loads. The required load resistance will depend on the momentum of a falling person. <i>Refer to AS/NZS 4994—Temporary Edge Protection series for further guidance</i>	 Signature Name
C Elevating work platforms - I/We will use Elevating Work Platforms (EWPs) include scissor lifts, cherry pickers, boom lifts and travel towers. I/We will use ensure that: - workers operating the platform are trained and instructed in safe operating procedures for the particular brand and type of equipment, as well as the safe use of fall-arrest equipment and emergency rescue procedures - the platforms are only used as working platforms and not as a means of entering and exiting a work area unless the conditions set out in <u>AS 2550.10 Cranes, hoists and winches - Safe use - Mobile elevating work platforms</u> are met - unless designed for rough terrain, the platforms are used only on a solid level surface	 Signature Name

- the surface area is checked to make sure that there are no penetrations or obstructions that could cause uncontrolled movement or overturning of the platform - the manufacturer's or supplier's instructions are consulted for information on safe operation - persons working in travel towers, boom lifts or cherry pickers wear a properly anchored safety harness - workers are licensed when operating boom-type elevating work platforms with a boom length of 11 metres or more.	
D Ladders I/we will use ladders: - Load rating of ladder must not be less than 120 kg. - Must be manufactured for industrial use. - Not more than 6.1 m for single ladder - Not more than 9.2 m for and extension ladder used for electrical work or 7.5 m for other work - Must have a firm stable base - Must be erected on angle between 70° and 80° - Extend and tie ladder 1m above surface being accessed. - Secure ladder either by footing or tying off - Maintain 3 points of contact on ladder at all times	 Signature Name
E Fall Restraint I/we will use travel restraint techniques to restrain people from getting themselves into a position from which they can fall. The system will be installed by a competent person in accordance with the manufacturer's instructions. To achieve this, I/we will ensure that the travel restraint system used has: - Anchor points for fall restraint set up to be capable of 6kn force - Anchor points for fall arrest set up to be capable of 15kn force - Anchor points are to be confirmed by engineer or competent person - Staff are to be trained and deemed competent in restraint application - That equipment be inspected before and after use - equipment be inspected and certified by a competent person at 6 monthly periods this inspection is to be accompanied by a written report An individual fall-arrest system will be used instead of restraint techniques if any of the following situations apply: - the user can reach a position where a fall is possible - the user has a restraint line that can be adjusted in length so that a free fall position can be reached - there is a danger the user may fall through the surface, for example fragile roofing material - the slope is over 15 degrees	 Signature Name
F Fall Arrest System I/WE will use a fall-arrest system as it is intended to safely stop a worker falling an uncontrolled distance and reduce the impact of the fall. This system must only be used if it is not reasonably practicable to use higher level controls or if higher level controls might not be fully effective in preventing a fall on their own.	 Signature Name

I/we will ensure that: • All equipment used for fall-arrest will be designed, manufactured, selected and used in compliance with the AS1891 series of standards. • All staff are to be trained in the safe use of this equipment • that the equipment and anchorages are designed, manufactured and installed to be capable of withstanding the force applied to them as a result of a person's fall (15kn) • that the system is designed and installed so that the person travels the shortest possible distance before having the fall stopped. • that workers using a fall-arrest system wear adequate head protection to protect them in the event of a fall • that in the event of a fall an emergency rescue plan be developed so the worker who is suspended in a full body harness can be promptly rescued to prevent suspension intolerance • that if the equipment has been used to arrest a fall it is not used again • That equipment be inspected before and after use • equipment be inspected and certified by a competent person at 6 monthly periods this inspection is to be accompanied by a written report.	
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- | | |
|--|--|
| <p>I/we will ensure that:</p> <ul style="list-style-type: none">• All equipment used for fall-arrest will be designed, manufactured, selected and used in compliance with the AS1891 series of standards.• All staff are to be trained in the safe use of this equipment• that the equipment and anchorages are designed, manufactured and installed to be capable of withstanding the force applied to them as a result of a person's fall (15kn)• that the system is designed and installed so that the person travels the shortest possible distance before having the fall stopped.• that workers using a fall-arrest system wear adequate head protection to protect them in the event of a fall• that in the event of a fall an emergency rescue plan be developed so the worker who is suspended in a full body harness can be promptly rescued to prevent suspension intolerance• that if the equipment has been used to arrest a fall it is not used again• That equipment be inspected before and after use• equipment be inspected and certified by a competent person at 6 monthly periods this inspection is to be accompanied by a written report. | |
|--|--|

[illegible]

22

SUBCONTRACTOR REGISTER

PROJECT NAME: _____

SCHEDULED START: / /

SCHEDULED COMPLETION: / /

Subcontractor	Trade	General Construction Induction Evidence sighted Yes/No	Work Method Statement*		
			Required Yes/No	Received (if one required) Yes/No	Approved (if one required) Yes/No

SITE INSPECTION CHECKLIST

PROJECT: _____

PERSON INSPECTING: _____ DATE: _____

RATING	A	Acceptable	NA	Not Acceptable	R	Rectified during inspection
COLUMN	S	Satisfactory				

ITEM	Rating	ITEM	Rating
1. Previous inspection items appropriately actioned		18. All underground service checks done & communicated to subcontractors	
2. All subcontractor's details contained within the subcontractor register		19. Safe trenching & excavation practices to avoid collapse	
3. All relevant subcontractor Work Method Statements reviewed and approved		20. Sign off received from scaffolder in relation to scaffold completion	
4. General Safety Induction evidence sighted for all on-site personnel		21. Scaffold remains in safe condition with adequate edge protection	
5. Emergency & evacuation information correct and prominently displayed		22. Scaffolding fitted with adequate brick guards and access provisions	
6. Hazardous substances register complete & as per on-site substances		23. Switchboard in good condition with leads appropriately connected	
7. Safety Data Sheet contained with hazardous substances register		24. Residual Current Device checked and operational	
8. Site signage displayed prominently & Safely		25. Safe portable power tool practices	
9. Amenities provided are well maintained		26. Adequate guarding of tools & equipment	
10. Access ways are clear of tripping hazards		27. Safe hazardous substances use, storage & clean up	
11. Rubbish skip is appropriately positioned & being regularly used & emptied		28. Safe work at heights practices during all tasks on site	
12. Boundary fence remains in place and is stable in all sections		29. Controls in place to minimize the risk of objects falling from heights	
13. Access to the site is being adequately excluded/controlled		30. Safe subcontractor work practices as per Work Method Statements	
14. Parking & delivery vehicles practices are being safely followed		31. Other specific requirements identified by Project Manager during site inspections	
15. Mandatory Personal Protective Equipment being worn		32.	
16. Activity specific PPE being worn as per subcontractor Work Method Statements		33.	
17. Prescribed occupation holders only undertaking prescribed work activities		34.	

Comments: (Provide brief description & location of the OHS issues identified above)

FOLLOW UP ON PREVIOUS INSPECTION			
Date	Item No	Result	Further Action

HAZARDOUS SUBSTANCES REGISTER

PROJECT NAME: _____

[illegible]

12.0 Statutory and Other Obligations

12.1 Local Government Authority requirements

The Site is located within the Glen Innes Severn Council area. The Contractor is **NOT** required to submit drawings or plans to local or other Authorities for approval.

The Contractor shall be responsible for executing the Works strictly in accordance with the relevant local regulations and by-laws that are current at the date of the tender together with all amendments and addenda which are imposed as statutory requirements in the course of the Works.

12.2 Development consent

Development Consent (DA-261-8-2002-i) (DIPNR, 2004) was granted to Rangers Valley Cattle Station Pty Ltd with conditions for the expansion of the beef cattle feedlot from 24,000 head to 50,000 head.

The following conditions reproduced in Table 1 are relevant to the Works.

Table 1 – Development Consent (DA-261-8-2002-i) relevant conditions

Identifier	Condition
General	
Obligation to Minimise Harm to the Environment	
1.1	The Applicant shall ensure that all practicable measures are taken to prevent and/or minimise any harm to the environment that may result from the construction and operation of the cattle feedlot.
Construction and Occupation Certification	
2.1	The Applicant shall ensure that all works are carried out in accordance with the Environmental Planning and Assessment Act 1979, the Local Government Act 1993 (Approvals) Regulations, the Building Code of Australia and the approved plans and

specifications and Council's Policy for Sediment and Erosion Control.

Demolition

2.3

The Applicant shall undertake all demolition work strictly in accordance with AS 2601- 1991 The Demolition of Structures.

Environmental performance

Dust Emissions

3.5

The Applicant shall design, construct, operate and maintain the development in a way that prevents and/or minimises the air pollution generated by the development.

3.6

The Applicant shall take all practicable measures to ensure that all vehicles entering or leaving the site and carrying a load that may generate air pollution are covered at all.

Note: Those vehicles traversing public roads which transect the property and are internal to the sites operation may be exempt from this condition.

Waste Management Impacts

3.28

The Applicant shall not cause, permit or allow any waste (including manure) generated outside the site to be received at the site for storage, treatment, processing, reprocessing or disposal, or any waste generated at the site to be disposed of at the site, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997.

Noise Impacts

Construction Noise

3.35

The Applicant shall ensure that the construction and demolition works do not exceed the construction noise criteria outlined in the DEC's Environmental Noise Control Manual at the most affected noise receptor.

3.36

Construction activities associated with the development that will be audible at residential premises shall only be conducted between 7:00 am and 6:00 pm from Monday to Friday inclusive, and from 8:00 am to 1:00 pm on Saturdays. No construction activity is permitted on a public holiday.

Outside of these hours, construction activities are permitted to occur provided it meets the operational noise criteria referred to in Condition 3.39.

3.39

The Applicant shall ensure that noise from the development during operations (excluding tractor operations) must not exceed an L_{Aeq} (15 minute) noise limit of 35 dB(A) at any time at any residential receiver.

Traffic and Transport Impacts

3.42

The Applicant shall use all best endeavours to ensure that all vehicles with a tare weight of 21 tonnes or greater that are associated with the development shall only use that portion of the Dundee-Rangers Valley Road that is between the township of Dundee and the site.

Hazards and Risk Impacts**Bunding and Spill Management**

3.53

The Applicant shall store and handle all dangerous goods (as defined by the Australian Dangerous Goods Code, including pesticides, fertilisers, and LPG) and combustible liquids, strictly in accordance with:

- a) all relevant Australian Standards;
- b) a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and
- c) the DEC's Environment Protection Manual Technical Bulletin Bunding and Spill Management.

In the event of an inconsistency between the requirements listed from a) to c) above, the most stringent requirement shall prevail to the extent of the inconsistency.

**Environmental Management
Incident Reporting**

7.1

The Applicant shall notify the DEC and the Director-General of any incident with actual or potential significant off-site impacts on people or the biophysical environment as soon as practicable after the occurrence of the incident. The Applicant shall provide written details of the incident to the DEC and the Director-General within seven days of the date on which the incident occurred.

7.2

The Applicant shall meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this consent, reported in accordance with condition 7.1, within such period as the Director-General may agree.

13.0 Obligations, Roles and Responsibilities

The key environmental management roles and responsibilities for the construction of the Project are described in the following sections

Role	Responsibilities	Authority	Accountability
Project Manager	Ensure all works comply with relevant regulatory and Project requirements. Ensure the requirements of the CMP are fully implemented, and in particular, that environmental requirements are not secondary to other construction requirements. Plan construction works in a manner that avoids or minimises impact to environment. Ensure environmental management procedures and protection measures are implemented. Overall responsibility for the implementation of environmental matters on the Project. Liaise with relevant client representatives and other government authorities as required. Participate and provide guidance in the regular review of this CMP and supporting documentation. Provide adequate resources (personnel, financial and technological) to ensure effective development, implementation and maintenance of the CMP. Ensure that all personnel receive appropriate induction training, including details of the environmental and community requirements. Ensure that complaints are investigated to ensure effective resolution. Stop work immediately if an unacceptable impact on the environment is likely to occur.	Stop work within the immediate vicinity of a major environmental incident or deemed to result in actual or potential major environmental damage.	Directors Simmich Earthmoving and Irrigation Pty Ltd
Environmental Site Representative	Assist in preparing the CMP in accordance with all relevant requirements. Develop an ESCP in consultation with the Project Manager, foreman and other relevant site personnel, as required. Undertake site inspections and carry out monitoring activities. Ensure monitoring records are appropriately maintained, reviewed and non-	Stop activities where there is an actual or immediate risk of harm to the environment and advise the Project	Project Manager

	compliance issues addressed. Manage the day-to-day environmental elements of construction. Assist all site staff with issues concerning Project environmental matters.	Manager.	
Project Surveyor	Provide input into the preparation of environmental planning documents as required. Identify any environmental risks.	Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Project Manager and Environmental site Representative.	Project Manager
Foreman	Undertake any environmental duties as defined by the Project Manager. Control field works and implement/maintain effective environmental controls. Ensure all site workers are site inducted prior to commencement of works. Attend to any spills or environmental incidents that may occur on-site. Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Project Manager.	Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Project Manager.	Project Manager
Other Project Personnel including sub-contractors	Comply with the relevant requirements of the CMP, or other environmental management guidance as instructed by a member of the Project's management. Participate in the mandatory Project/site induction program. Report any environmental incidents to the foreman immediately or as soon as practicable if reasonable steps can be adopted to control the incident. Undertake remedial action as required to ensure environmental controls are maintained in good working order. Stop activities where there is an actual or immediate risk of harm to the environment and advise the Project Manager or Foreman.	Report any activity that has resulted, or has the potential to result, in an environmental incident immediately to the Project Manager	Foreman

