IRONBARK
Concreting

Ironbark Concreting
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Safe Work Method Statement

Work must be carried out in accordance with this SWMS. If work is not being carried out in accordance with this SWMS, it must stop immediately, or as soon as it is safe to do so, and must not start again until it can be carried out in accordance with this SWMS (reviewed and revised first if needed). Keep this SWMS available until the high risk construction work is complete. If it is revised, keep every version. If a notifiable incident occurs, keep it for at least 2 years.

SWMS number / version	IC-WZW7-2026-0001 / v1 · issued 31 Oct 2026
Prepared by	Dean Hall
Job / PO reference	J-0412
Site	Lot 12, 5 Sample Cres, Mawson Lakes SA 5095
Start date	31 Oct 2026
Work description	Pour a concrete house slab on a new block with a concrete pump. The formwork and reinforcement are already in place. Check them, cap the starter bars, set up the pump truck on the street with an exclusion zone around the boom, then pour, screed and finish the slab. Overhead power lines run along the street.
Principal contractor	None
Person responsible for implementing, monitoring and compliance	Dean Hall · 0400 000 654 · jobs@ironbark-concreting.example
Person responsible for reviewing control measures	Dean Hall
Jurisdiction	South Australia. Work Health and Safety Act 2012 (SA) and WHS Regulations 2012. Regulator: SafeWork SA. Regulation version applied: Work Health and Safety Regulations 2012, version 1 July 2026 (checked 24 Oct 2026).

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High risk construction work

[X] Work on or near energised electrical installations or services

[X] Work at a workplace where powered mobile plant is moving

Considered, not applicable:

- [ ] Risk of a person falling more than 2 m
- [ ] Work on a telecommunication tower
- [ ] Demolition of a load-bearing element, or one related to the structure's physical integrity
- [ ] Likely to involve disturbing asbestos
- [ ] Structural alterations or repairs needing temporary support to prevent collapse
- [ ] Work in or near a confined space
- [ ] Work in or near a shaft or trench deeper than 1.5 m, or a tunnel
- [ ] Use of explosives
- [ ] Work on or near pressurised gas distribution mains or piping
- [ ] Work on or near chemical, fuel or refrigerant lines
- [ ] Work in an area that may have a contaminated or flammable atmosphere
- [ ] Work involving tilt-up or precast concrete
- [ ] Work on, in or next to a road, railway, shipping lane or other traffic corridor in use by traffic other than pedestrians
- [ ] Work in an area with artificial extremes of temperature
- [ ] Work in or near water or other liquid with a risk of drowning
- [ ] Diving work

Work steps

1. Check the formwork, bracing and reinforcement
2. Fit caps to the starter bars
3. Set up the pump on the street with an exclusion zone around the boom
4. Pour, screed and finish the slab
5. Clean up the pump and tools

Hazards, risks and controls

Activity	Hazards and risks	Control measures
Work on or near energised electrical parts or services	- Electric shock or electrocution - Arc flash burns	- Eliminate: Power isolated at every source, including solar panels, batteries and any second supply, then locked out, tagged and tested dead before work ("test before you touch") - Admin: Live work only where permitted under the regulations, with a risk assessment and a safety observer - Admin: Electrical work by licensed electricians only - Engineer: Insulated tools and mats; barriers or covers on nearby exposed live parts - Admin: Overhead powerlines identified; plant, scaffold and ladders kept outside the network operator's approach distances - PPE: Arc-rated clothing and face shield where live work is permitted - Admin: Tape, cable ties or a switch left off are not a lockout: use a lock and a tag - Admin: Solar DC cables treated as live even when the building's power is off; DC isolation planned with steps to stop it being switched back on Responsible: Dean Hall
Work around moving powered mobile plant	- Being struck or crushed by moving plant - Plant rollover - Plant contacting overhead powerlines	- Isolate: People separated from plant with exclusion zones and physical barriers - Admin: Spotter when plant moves near people; agreed hand signals or radios - Admin: Competent operators, with high risk work licences where required; daily pre-start checks - Engineer: Reversing alarms, cameras and seatbelts working; rollover protection fitted - Admin: Overhead powerlines identified; plant kept outside the network operator's approach distances - PPE: Hi-vis clothing - Admin: Operator and ground workers use two-way radio or hand signals that are acknowledged; ground workers do not go near the plant until the operator agrees Responsible: Dean Hall

Site plan and photos: see Appendices A and B.

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Other hazards and controls

Everyday hazards on this job that aren't high risk construction work.

Hazard	Hazards and risks	Control measures
Hazardous manual tasks (lifting, carrying, awkward postures) Guidance: Model Code of Practice: Hazardous manual tasks; SafeWork SA: Handling sheet materials	- Lifting, carrying, pushing or pulling heavy or awkward loads (e.g. sheets, bags, pavers, pipes) - Repetitive movements and sustained awkward postures (overhead work, kneeling, bending) - Musculoskeletal injuries: strains, sprains and back injuries	- Engineer: Mechanical aids used for heavy or awkward items: trolleys, sheet lifters, vacuum lifters or hoists - Engineer: Work set up at a comfortable height where possible (trestles, benches) to reduce bending and overhead work - Admin: Team lift for long, heavy or awkward items, with the route planned and cleared before carrying - Admin: Tasks rotated and breaks taken during repetitive work - Admin: Workers shown safe handling methods for the loads on this job - PPE: Gloves suited to the material being handled
Noise Guidance: Model Code of Practice: Managing noise and preventing hearing loss at work	- Noise from saws, grinders, jackhammers, nail guns, compressors and plant - Permanent hearing loss and tinnitus - Noise masking warnings and instructions	- Isolate: Compressors, generators and other noisy plant placed away from work areas or behind barriers - Engineer: Tools and plant maintained, with mufflers and dampers fitted and working - Admin: Time on noisy tasks limited and rotated, and others kept away from the noisy work - Admin: Hearing tests for workers who often have to wear hearing protection: within 3 months of starting, then at least every 2 years. This is required by law. - PPE: Hearing protection (earplugs or earmuffs) suited to the noise level, worn for the whole noisy task Note: The exposure standard is 85 dB(A) averaged over 8 hours, or a peak of 140 dB(C). As a guide, if you have to raise your voice to talk to someone 1 m away, the noise is probably above the standard.
Sun (UV) and heat Guidance: Safe Work Australia guides:	- UV radiation: sunburn, skin cancer and eye damage - Heat illness: heat exhaustion and heat stroke	- Isolate: Shade provided over fixed work areas, and a shaded rest area - Admin: Daily forecast and UV index checked; heavy work planned for cooler parts of the day - Admin: Cool drinking water available at the work area; workers drink regularly

Hazard	Hazards and risks	Control measures
Managing the risks of working in heat; Exposure to solar ultraviolet radiation	- Dehydration and fatigue in hot conditions	- Admin: Regular rest breaks in the shade, more often in extreme heat; new workers eased in gradually - Admin: Workers know the signs of heat illness and what to do, and check on each other - PPE: Sun protection: hat or hard-hat brim and neck flap, long-sleeved shirt, sunglasses or tinted safety glasses, and SPF 50+ sunscreen put on again every 2 hours, or more often if sweating
Hazardous chemicals Guidance: Model Code of Practice: Managing risks of hazardous chemicals in the workplace	- Skin and eye contact with adhesives, primers, solvents, sealants, paints, acids or wet cement (burns, dermatitis) - Breathing in vapours or fumes - Fire from flammable liquids and aerosols	- Isolate: Chemicals kept in labelled containers, stored away from heat and ignition sources in a ventilated area - Engineer: Good ventilation where chemicals are used; mechanical ventilation in enclosed areas - Admin: Current safety data sheet (SDS) easy for workers to get for each hazardous chemical, and its precautions followed - Admin: Only the quantity needed kept on the job; spill kit and clean water for washing available - PPE: Gloves, eye protection and other PPE as specified on the SDS Note: Wet cement, concrete, mortar and grout are strongly alkaline and can cause chemical burns: wash skin promptly and don't kneel in wet concrete without protection. Safety data sheets need to be easy to get, but they do not have to be attached to the SWMS. A household-type product used in household-type amounts is exempt from the data sheet rule in some places, but the label's safe-use information is still needed.
Overhead powerlines and service lines Guidance: Safe Work Australia: safe work on roofs; electrical safety guidance	- Electric shock or electrocution from contact with overhead powerlines and service lines - Metal ladders, sheets, gutters or tools touching live lines	- Engineer: Non-conductive (fibreglass) ladders used near live electrical work - Admin: Powerlines and service lines located before work starts; safe distance kept and a spotter used where close - Admin: Network operator called if the work will be within the safe approach distance - Admin: Long metal items (sheets, gutters, antennas, poles) carried and lifted away from the lines
Concrete pumping and placing booms Guidance: Model Code of Practice: Construction work; Model Code of Practice: Managing risks of plant in the workplace	- Hose whip: the delivery hose moving suddenly and violently - Boom touching powerlines or people; pump tipping on poor ground - Blockages and pipeline or coupling failure	- Isolate: Exclusion zone around the pump, boom and delivery hose for everyone not in the pour - Engineer: Pump set up on suitable ground with the outriggers fully out; slab or structure under it checked for load - Engineer: No metal fittings on the free end of the rubber hose, and the hose never stretched to reach - Admin: Pump started slowly; only the pumpable mix the supplier specified; hopper level watched so air is not drawn in - Admin: Blockages cleared with water, not air; if air must be used, the rubber hose is removed, the steel line is secured, and an exclusion zone is set - Admin: Boom kept outside the powerline approach distances (see the powerlines code of practice) - Admin: Pump operator trained and holding any licence needed; pipeline and couplings inspected as the maker says
Protruding reinforcing bars and pickets Guidance: Model Code of Practice: Construction work	- Impalement on starter bars, reinforcing bars and star pickets, especially in a fall or trip - Bars at head, eye or face height when bending or working near them	- Engineer: Caps fitted to protruding starter bars and star pickets when they are installed, and kept on while work goes on - Isolate: Guardrails, screens or an exclusion zone so nobody can fall onto exposed bars - Admin: Marked walkways kept clear of things that cause slips and trips; site tidy and well lit; materials kept in a set storage area - Admin: New and young workers shown where the bars are and supervised
Vehicles, deliveries and loading Guidance: Safe Work Australia: Traffic management guide for construction work	- A worker or visitor hit by a vehicle, especially one reversing - Loads falling during loading and unloading - People and vehicles sharing the same space	- Eliminate: Vehicles kept out of the work area where possible, and parked away from where people are working - Isolate: People separated from vehicles with barriers or cones, and a marked walkway - Admin: A loading and unloading spot set and marked on the site plan - Admin: Reversing avoided. If a vehicle must reverse, a spotter in hi-vis guides it and can be seen by the driver - Admin: A low speed limit set on site and told to every driver - Admin: Delivery drivers briefed before they enter: where to go, where people are working and who to call - Admin: Drivers and crane or hoist operators checked for the right licence for the vehicle or machine - PPE: Hi-vis worn by anyone near moving vehicles

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Licences and tickets

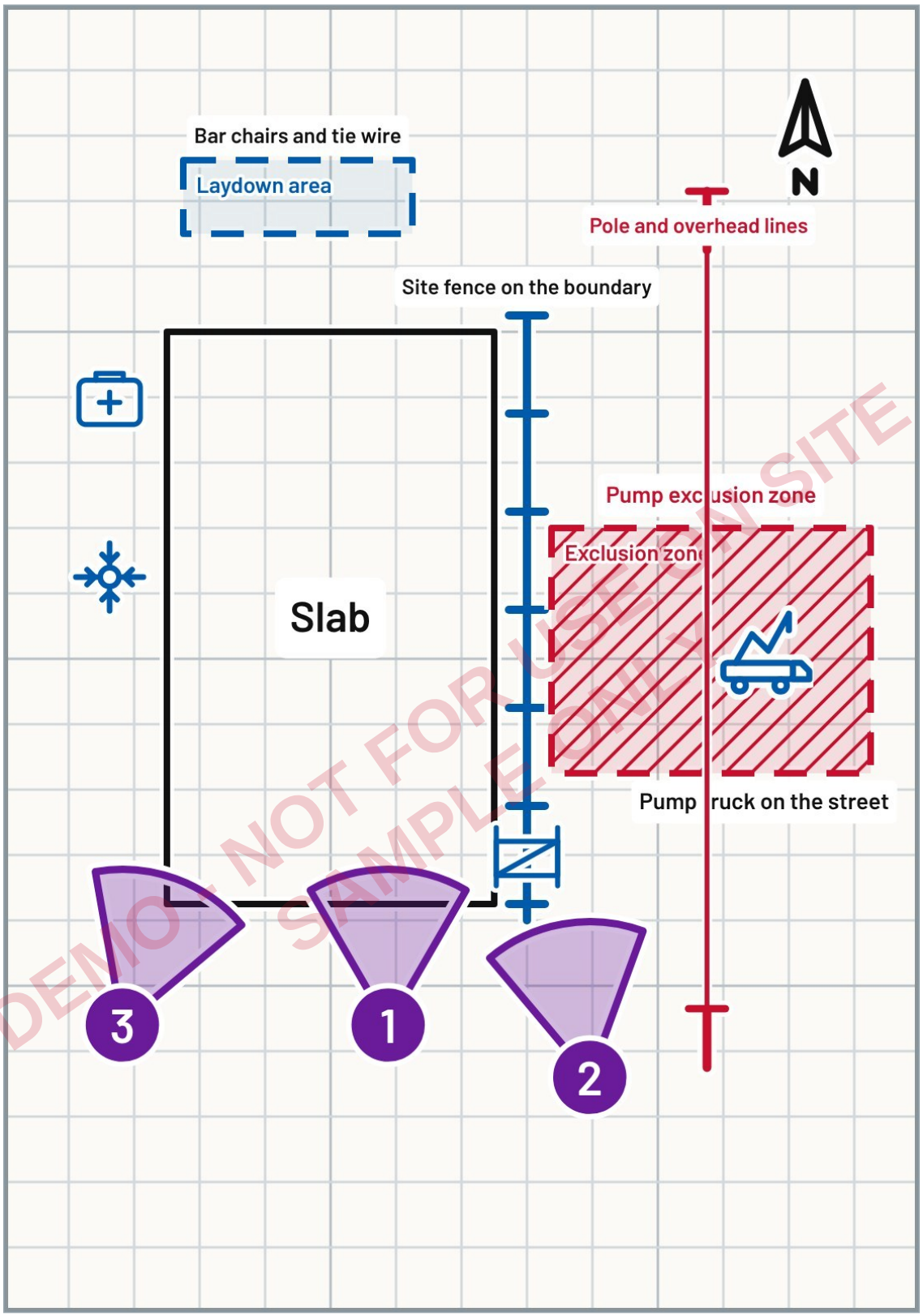
Held by	Licence or ticket	State	Number and dates
Dean Hall	White Card (construction induction)		Card number Example card 000123
Dean Hall	Crystalline silica training		Certificate number Example certificate 000456 · refresh by 20 Nov 2027
Sam Pike	White Card (construction induction)		Card number Example card 000124

PPE, emergency and review

PPE required	Hard hat, Hi-vis clothing, Safety boots, Sun protection (hat, sunscreen), Arc-rated clothing, Face shield, Insulated electrical gloves, General work gloves, Hearing protection, Long sleeves and long trousers, Chemical-resistant gloves (per safety data sheet), Safety glasses
First aider	Dean Hall
Nearest hospital	Lyell McEwin Hospital, Haydown Rd, Elizabeth Vale
Emergency number	000
Measures to make sure this SWMS is followed	Dean briefs the crew, checks each shift that this SWMS is followed, and stops work if it is not.
Monitoring and review	Dean checks the controls each shift. The SWMS is re-signed if the job or the site changes.
Consultation	Workers carrying out the work, and any health and safety representative, were consulted about the hazards and controls in this SWMS.
Review date	31 Oct 2026
Reviewer's signature	Dean Hall · 31 Oct 2026, 11:06 am 

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Appendix A: Site plan



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Not to scale.

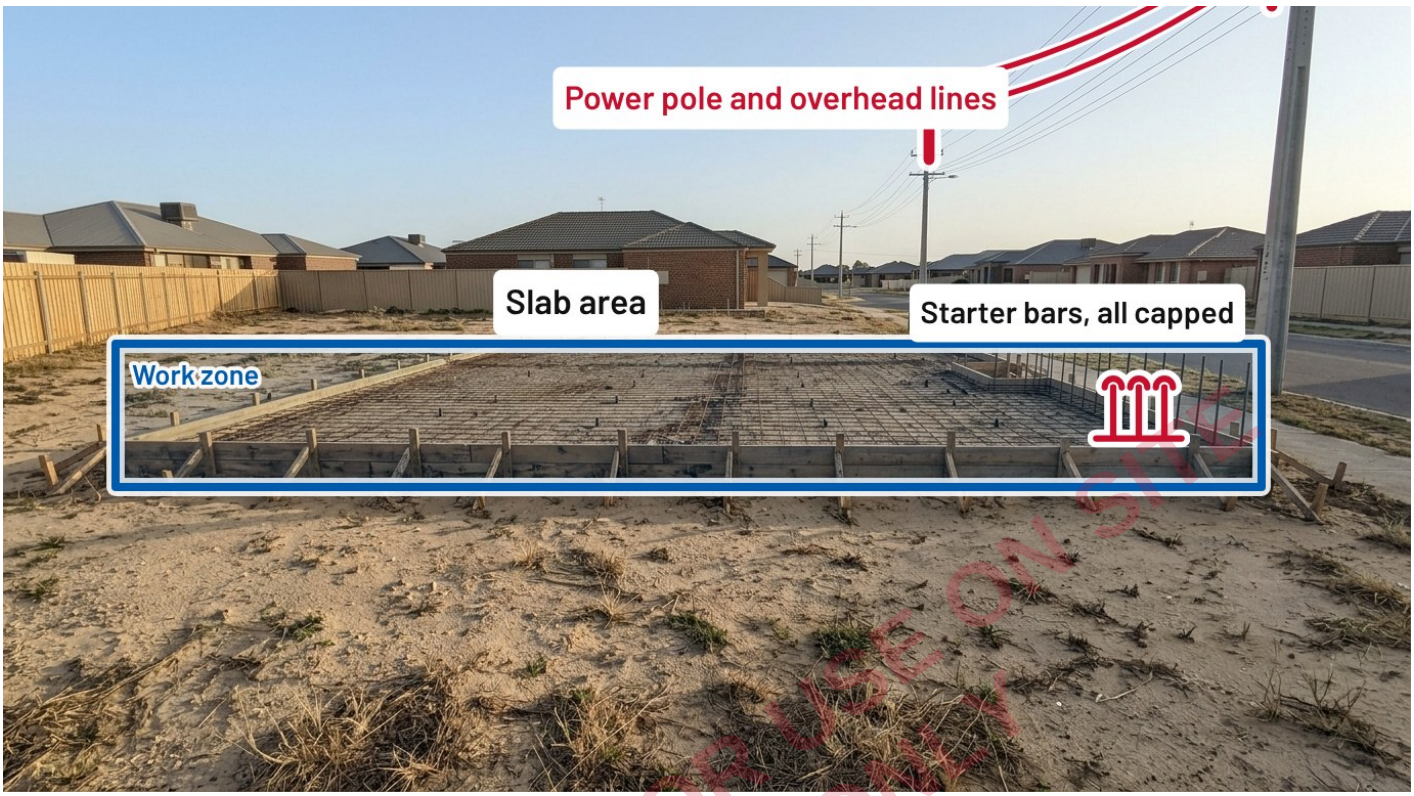
Barrier / fencing · Exclusion zone · Concrete pump · Overhead power lines · Laydown area · Site entry gate · First aid kit · Assembly point · North arrow · Photo location and direction

Plan notes: The street runs along the east side of the block. The pump truck sets up on the street with its boom over the slab and an exclusion zone around it. The pole and overhead lines run along the street, in line with the pump. The site gate is in the boundary fence. Photo pins show where each photo was taken and which way the camera faced.

Appendix B: Site photos

Collection notes: Illustrative images, not a real site.

Photo 1 · Shown on the site plan

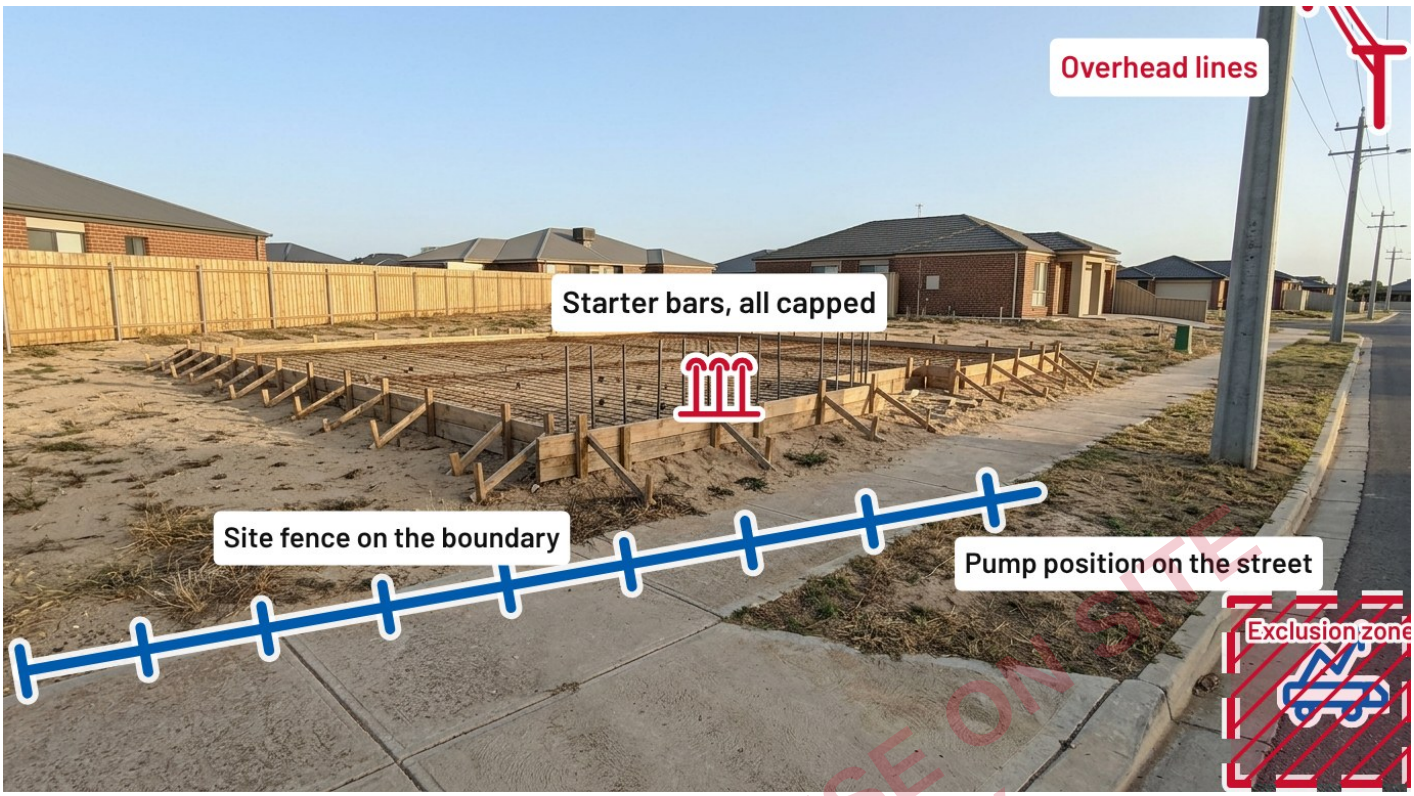


Overhead power lines · Work zone · Reo caps

Front of the slab from the east end of the block. The formwork is pegged and braced, the mesh is on bar chairs and the starter bars are along the street side. The power pole and overhead lines run along the street: keep the pump boom well clear of them.

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Photo 2 · Shown on the site plan

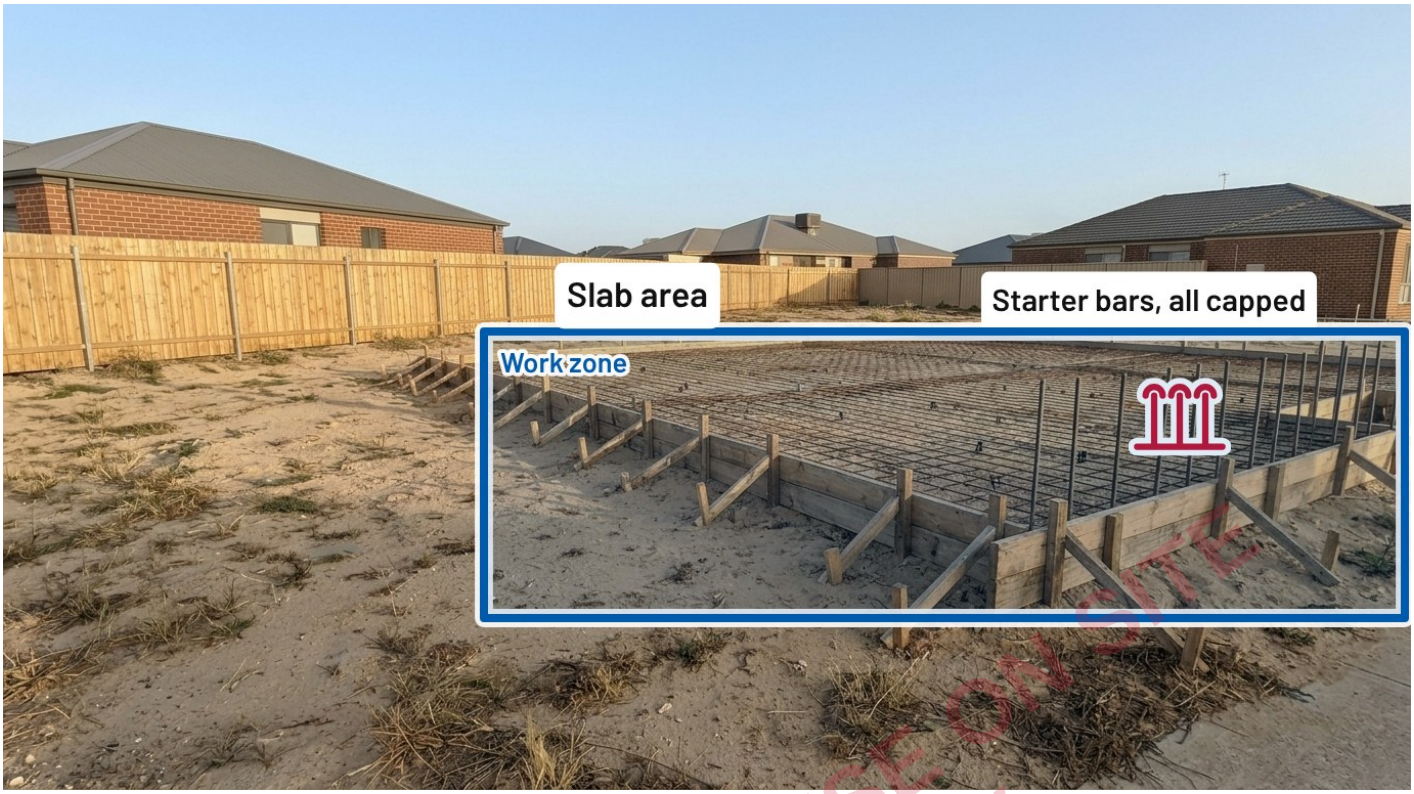


Overhead power lines · Concrete pump · Exclusion zone · Reo caps · Barrier / fencing

From the footpath at the front of the block. The pump truck sets up beside the kerb with its outriggers on pads. Exclusion zone around the pump and under the boom. The overhead lines are at the right: a spotter watches them at all times.

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Photo 3 · Shown on the site plan



Reo caps Work zone

Left edge of the slab. Formwork is pegged and braced, the mesh sits on bar chairs and the starter bars are along the street edge. Keep the walkway clear of off-cuts and tie wire.

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Worker sign-on

Name	Signature	Date and time
Dean Hall		31 Oct 2026, 11:06 am
Sam Pike		31 Oct 2026, 11:06 am
Mia Tran		31 Oct 2026, 11:06 am

Sign this SWMS on your device

Scan the QR code, or go to gateready.vision-and-beyond.com.au/sign to sign this document with PDF Partner or any PDF signing app. To find out about Gate Ready, visit the same page.

Important

Prepared by Ironbark Concreting using Gate Ready. Ironbark Concreting is responsible for the content of this SWMS and for making sure the work follows it.

The regulations used by this tool to help prepare this SWMS are listed at gateready.vision-and-beyond.com.au/rules.html They are subject to change.

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