# Ourriskstandards

Frasers Property Australia (FPA) is committed to ensuring the health and safety of all people who interact with our operations.

**To support this,** FPA have identified its most common high risk activities and controls that must be in place to ensure these risks are effectively managed.

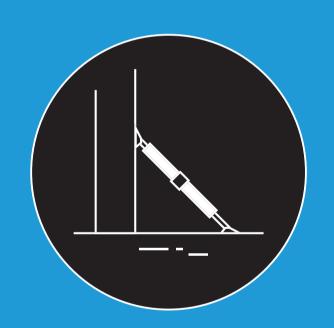
### The purpose of Our Risk Standards is simple

provide clear, useful and consistent information regarding the controls that must be applied and continually monitored when completing these high risk activities.

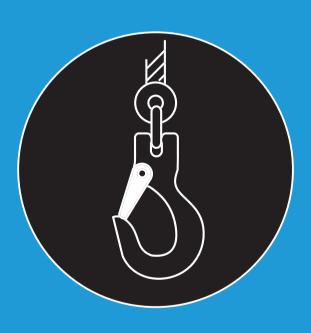
Our Risk Standards support FPA HSE Management system and do not replace it. They focus on the most important safety controls from the existing system.

Our Risk Standards apply across all operations where FPA have management control of the workplace, employees, contractors and visitors.

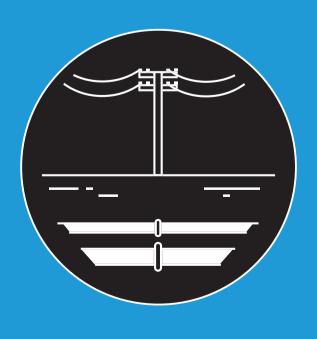
### ORS address nine high risk activities



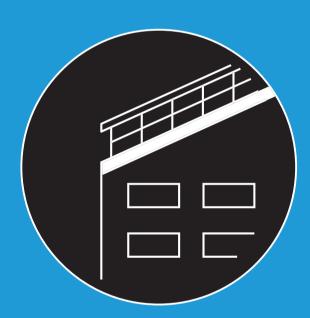
STRUCTURAL STEEL & PRECAST



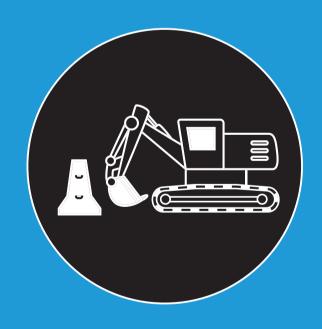
LIFTING



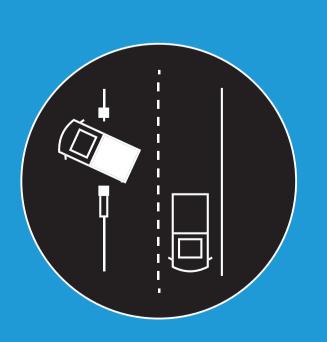
**LIVE SERVICES** 



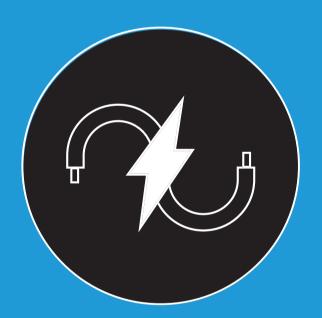
**WORK AT HEIGHT** 



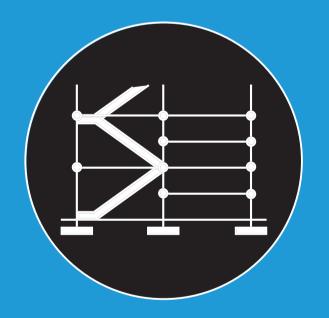
**MOBILE PLANT** 



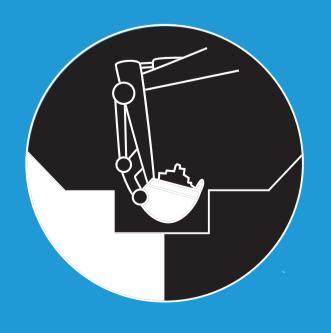
**TRAFFIC** 



**ELECTRICAL** 



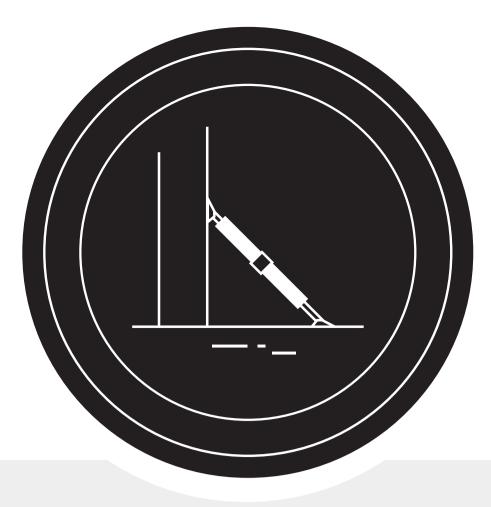
**SCAFFOLDING** 

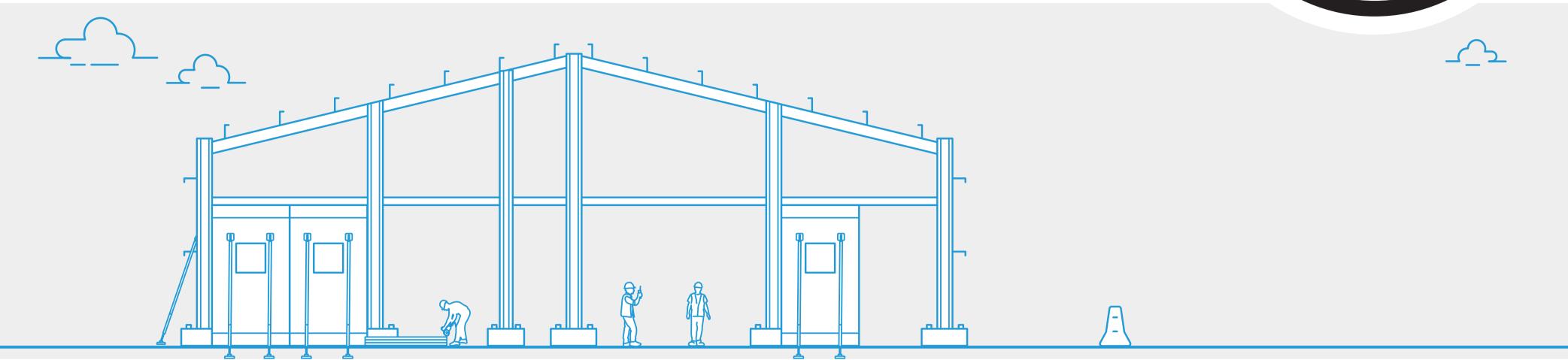


**EXCAVATION** 



# Structural Steel and Precast





### Risk - Collapse or failure of structural steel or precast

# Eliminate

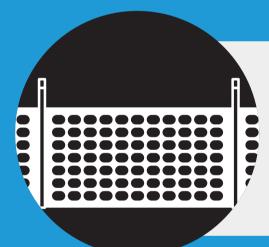
It is not reasonably practicable to eliminate Structural Steel and Precast, therefore we must minimise

# Minimise

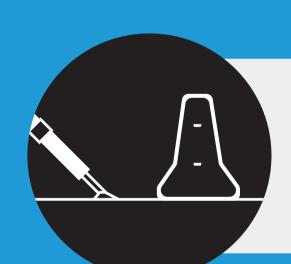
I will apply the below controls as a minimum:



Completed and approved Form 313 - Precast Panel Erection



Physical exclusion zones established during erection and dismantling



Temporary supports are physically protected from impact



Completed and approved Form 316 - Structural Steel Erection



Engineered approval for all modifications and alterations



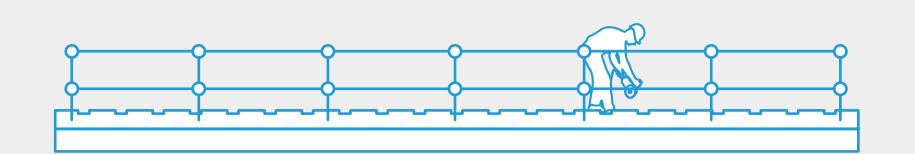
People involved hold the appropriate high-risk work licenses

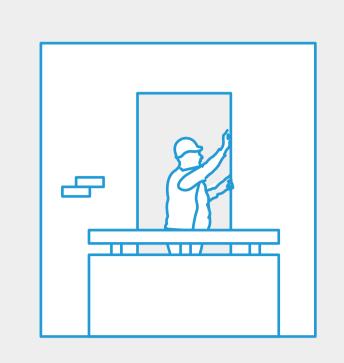
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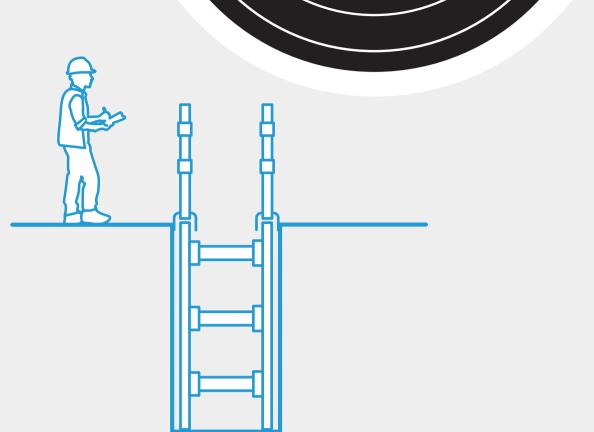


# Work at Height









### Risk - Person or object falling from height

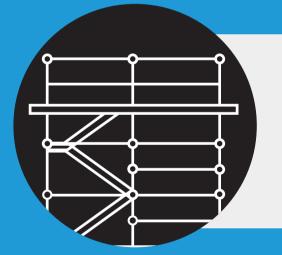
# Eliminate

If possible complete work from ground level

# Mimise

If not eliminated, I will apply the below controls as a minimum:

### At height 📤 2m



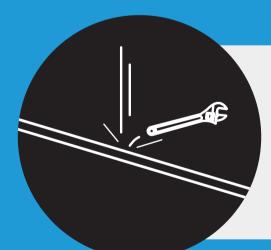
Work from a solid platform or construction



Cover penetrations, openings and shafts

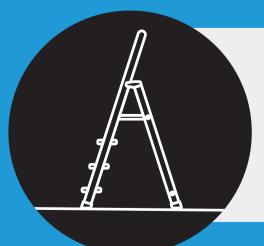


Work behind physical edge protection

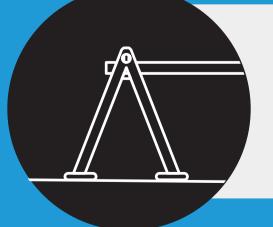


Set physical protection from falling objects

### At height - 2m



Use platform ladders
≤1.8 meters and
work from the
platform only

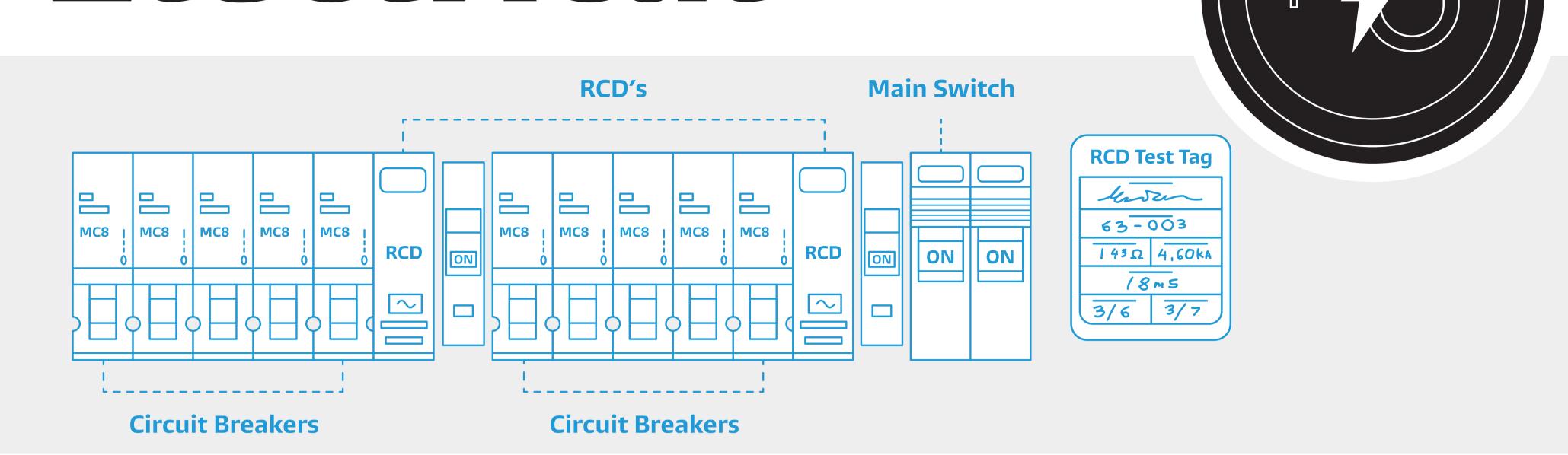


Trestles must be a minimum of 900mm wide and ≤1.5 meters in height

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# Electrical



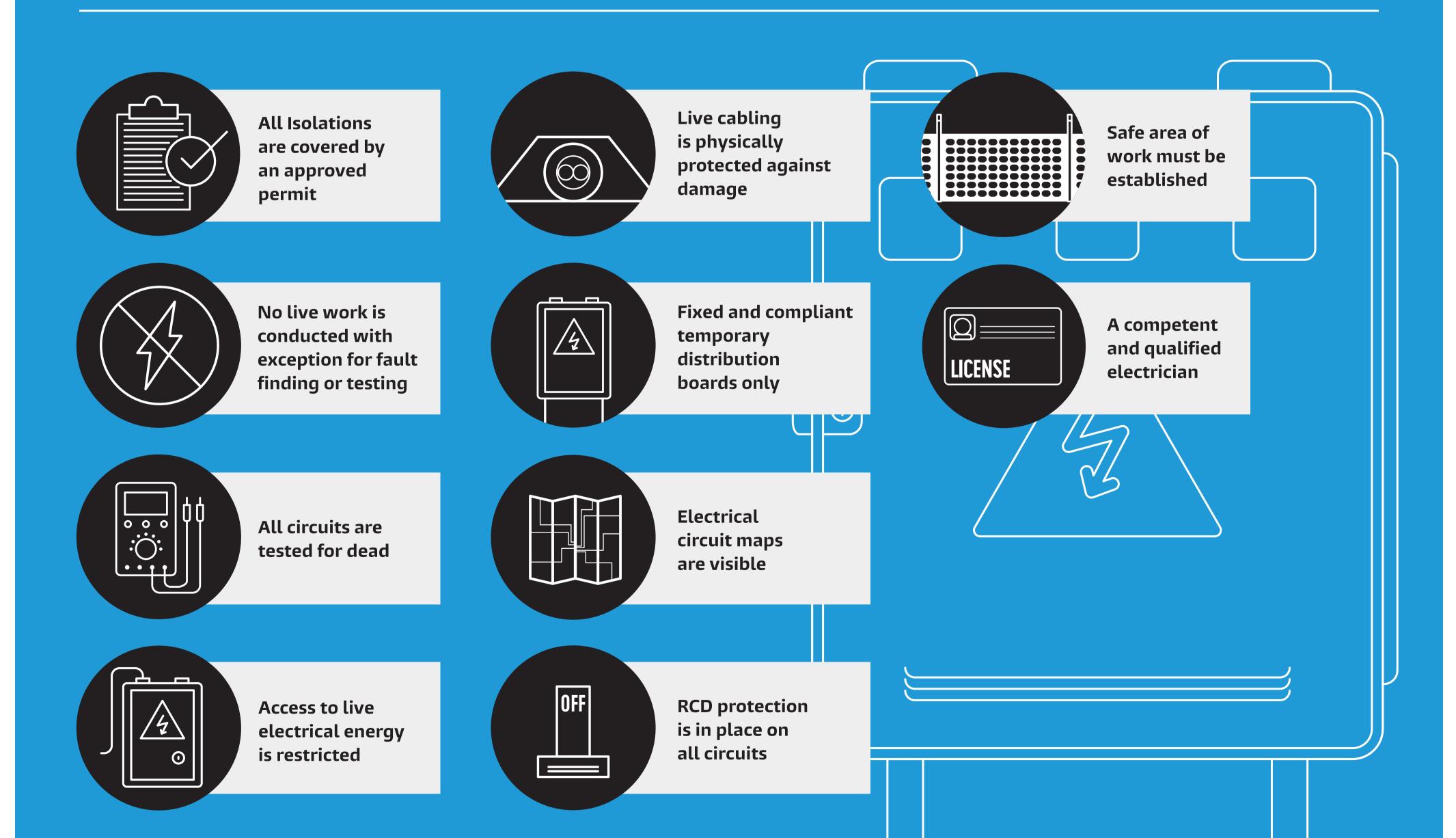
### Risk - Contact with live electricity

# Eliminate

By switching off and isolating the electrical installation and re-scheduling work to be completed de-energised

# Minimise

If not eliminated, I will apply the below controls as a minimum:



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### Risk - Crane rollover and dropped objects

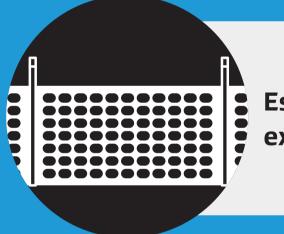
# Eliminate

If possible remove the need to lift

# Mimise

If not eliminated, I will apply the below controls as a minimum:

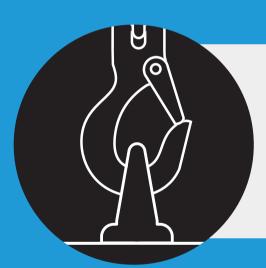
### **Dropped objects**



Establish a physical exclusion zone



All lifting gear is inspected, maintained and tagged



All nominated lifting points are engineered



Positive communication is always maintained



Nobody is under any load at any time

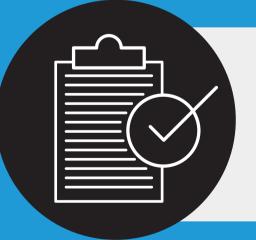
### Subsidence and roll over



Ground conditions must be assessed



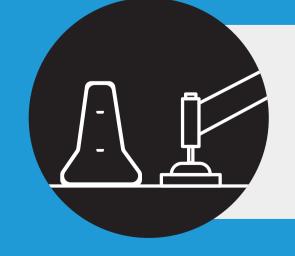
A competent and qualified crane crew



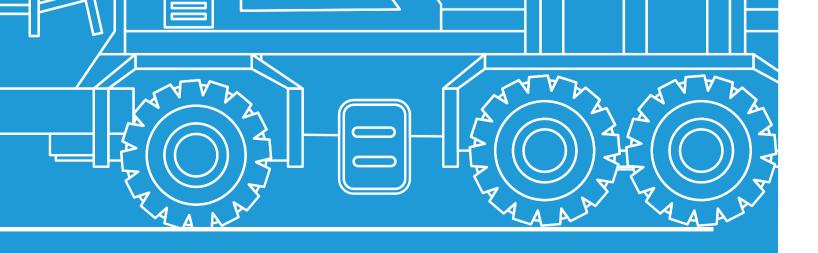
An authorised lift study for high risk lifts



Working load limits are not exceeded



Outriggers must be physically protected



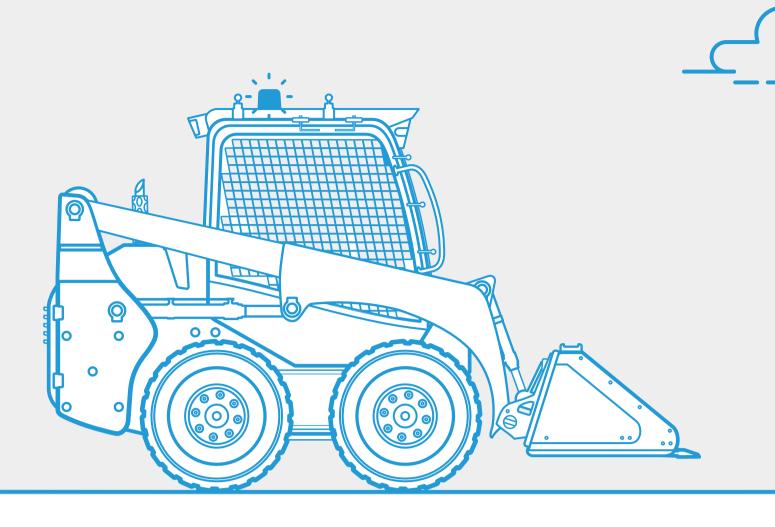
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# Mobile Plant









### Risk - Mobile plant striking people.

# Eliminate

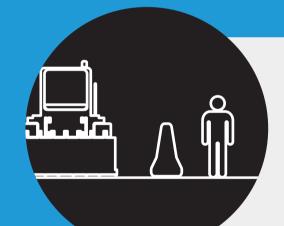
If possible eliminate the need for people to work in and around mobile plant

# Minimise

If not eliminated, I will apply the below controls as a minimum:



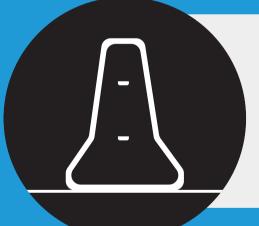
Mobile plant operators are qualified and competent



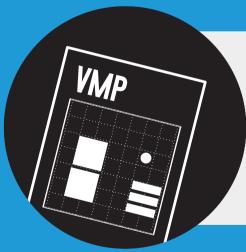
Provide separate pedestrian and plant entrances to site



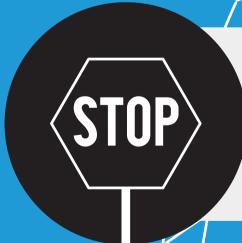
All mobile plant is inducted to site



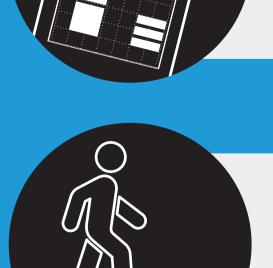
Establish exclusion zones to isolate people from plant operation



Establish a site Vehicle Movement Plan

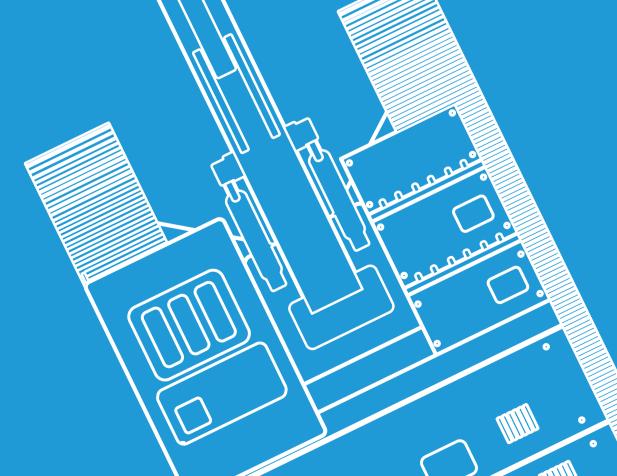


Mobile plant is stationary prior to people entering the MPOZ



Establish dedicated pedestrian routes





\* Mobile Plant

**Operating Zone** 

where a person

its movement

(MPOZ) is the zone

around mobile plant

could be harmed by

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# Scaffolding

### Risk - Scaffold collapse and fall from height

# Eliminate

If possible complete work from ground level

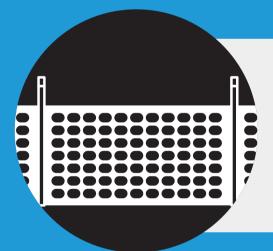
# Minimise

If not eliminated, I will apply the below controls as a minimum:

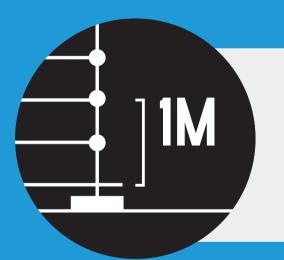
### Scaffold collapse



Unauthorised alterations or modifications are prohibited



Physical exclusion zones are established during erection and dismantling

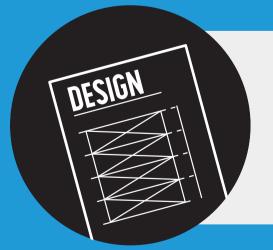


Scaffolds are erected and dismantled sequentially in 1-meter lifts



Access to incomplete scaffolds is restricted

### Falls during erection, alteration, dismantle and use



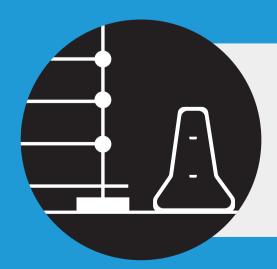
Scaffolding above 4 meters must be designed



Scaffolds must be erected, altered and dismantled by a competent person



Defined complex scaffolding must be engineered



Scaffolds must be physically protected from impact



**Scaffolding must be** 

regularly inspected

### Our Risk Standards



### Risk - Contacting live services

# Eliminate

If possible relocate existing services or have the relevant authority de-energise the service

## Minimise

If not eliminated, I will apply the below controls as a minimum:

### **Striking** underground services



**Services** are positively identified using non-destructive methods

### **Aboveground** services

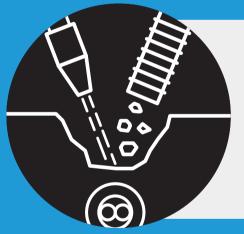


Do not enter **No Go Zones** 

### Concealed services



**Approved** Permit to **Penetrate** is in place



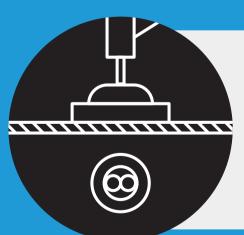
Only non-destructive excavation within 500mm of services



**Overhead power lines** have physical warnings



**Identify all** energised areas



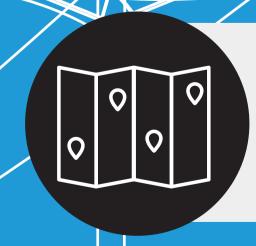
**Engineered** ground controls are used to protect services



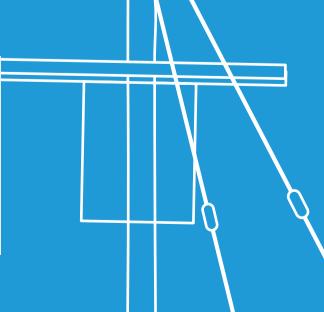
**Approved Overhead Services Permit must** be in place



**Approved** Permit to **Excavate must** be in place



**All services** (temporary or permanent) are identified

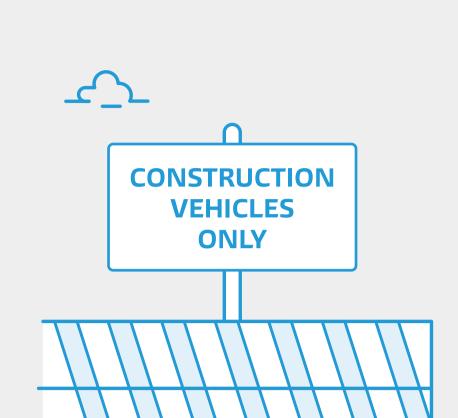


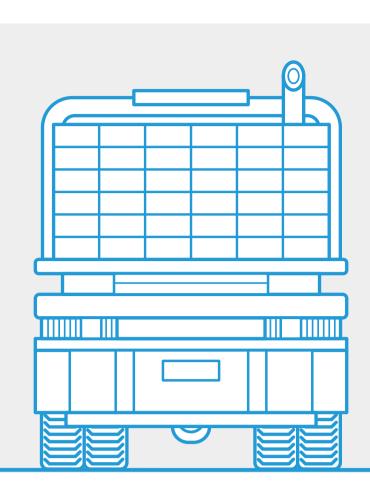
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# Traffic Management











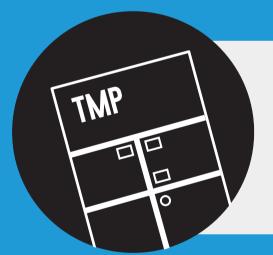
### Risk - Traffic hitting people

# Eliminate

If possible, remove live traffic from the work area with road closures, detours or a traffic switch

# Minimise

If not eliminated, I will apply the below controls as a minimum:



An approved Traffic Management Plan (TMP) is in place



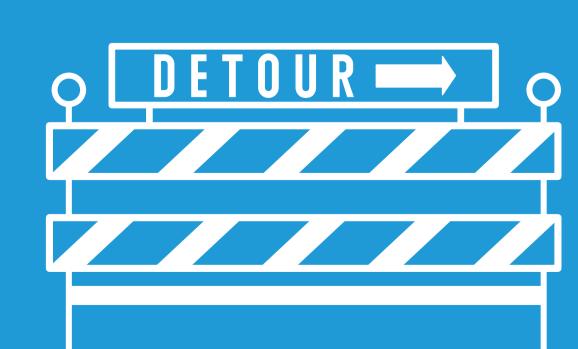
Reduce the number of vehicles on site

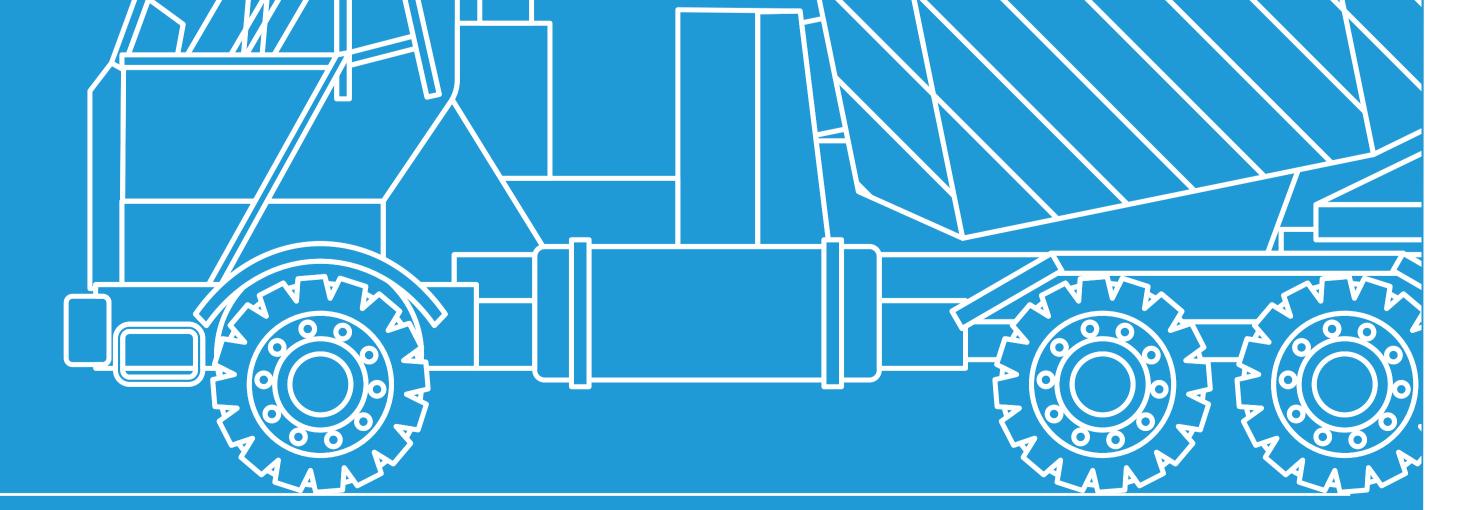


Designated construction access points must be established



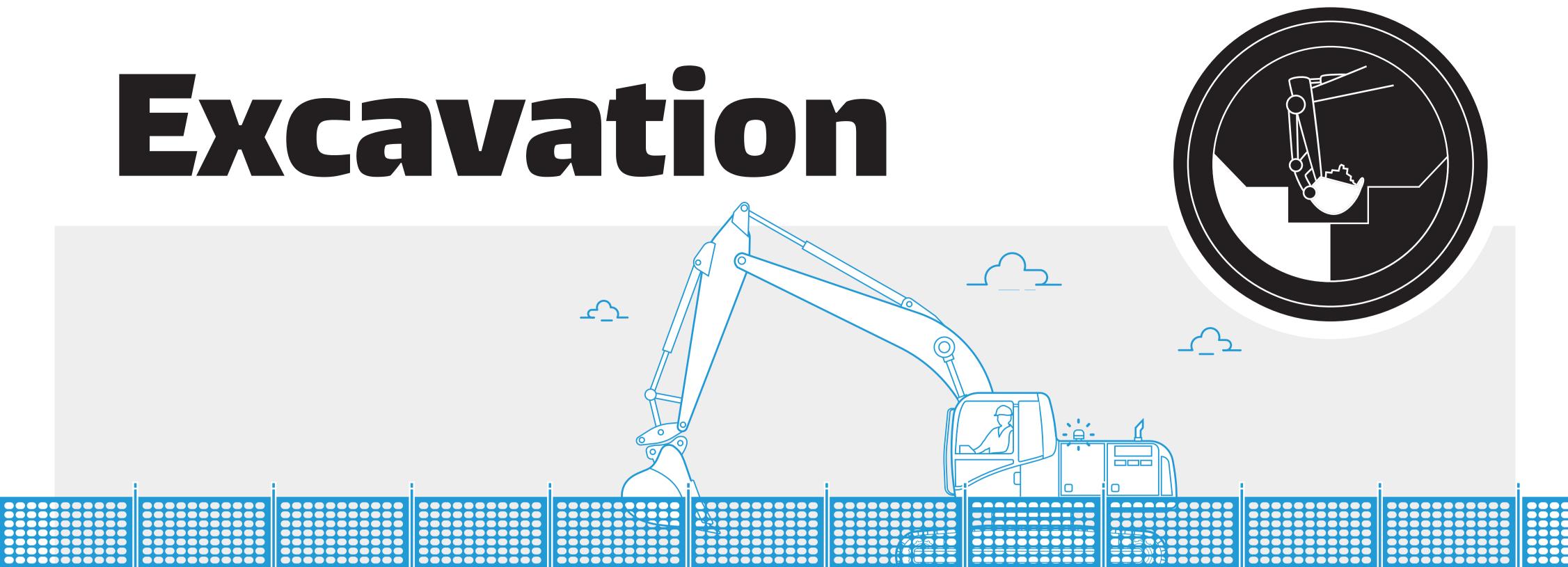
A maximum speed Limit of 10kph





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### Risk - Excavation or trench collapse

# Eliminate

If possible, use alternate excavation / trenching methodologies

# Minimise

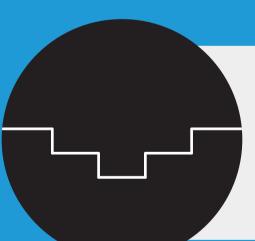
If not eliminated, I will apply the below controls as a minimum:



Approved permit to excavate is in place



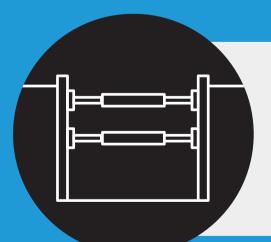
No material stored within 1 meter of the zone of influence



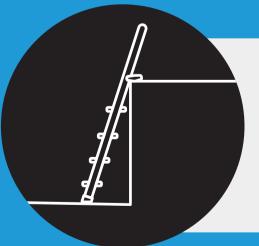
Excavations are benched, battered, shored or have trench shields



Excavations near or below footings of structures are assessed by an engineer



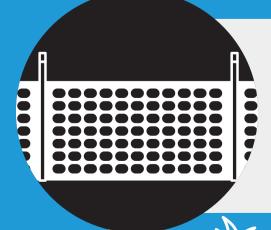
Trench shields must be compliant when used



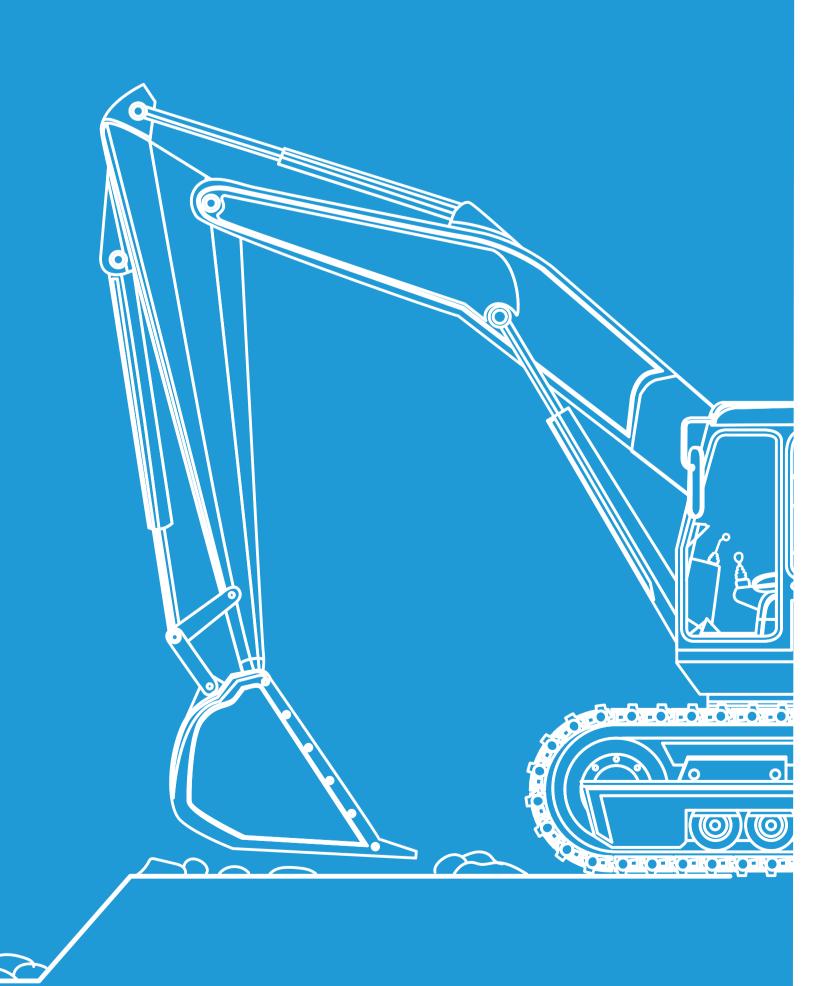
Excavations must have safe methods of entry and exit



Engineered approval is required for shoring



Physically secure excavations against unauthorised access



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