To be completed before excavation, trenching, piling or boring (including below ground drilling) or minor works where stakes or star pickets are driven into the ground that exceed 200mm in depth.

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| **This Permit has been issued specifically for the works below for 24 hrs.**  **Extension is only allowed when agreed in writing by Mirvac and the work area and activity remains the same and inspection of the excavation and all control measures is undertaken.**  **Otherwise a new permit must be completed.** | | | | | | | | | | | | | | | | | | | | |
| Work Location: | |  | | | | | | | | | | | | | | | | | | |
| Permit Start Date: | |  | | | | | | | Permit Finish Date: | | | | |  | | | | | | |
| Description of work to be undertaken: | | | | | | | | | | | | | | | | | | | | |
| Permit requested by: | | |  | | | | | | Mirvac Representative: | | | | |  | | | | | | |
| Person Accepting Permit [Person in-control of work]: | | | | | | | | | | |  | | | | | | | | | |
| Excavation Risk Assessment | | | | | | | | | | | | | | | | | | | | |
| Hazards Identified | | | | | | | | No | | Yes | | If Yes controls to be implemented | | | | | | | | |
| Underground services - to  be considered LIVE unless specifically noted otherwise. | | | | | | | |  | |  | | Location listed on this Permit  If within 1 metre of the work must be exposed by hand (using nonconductive tools) or hydro excavation (potholed) before any powered mechanical work starts. | | | | | | | | |
| Unidentified services are encountered. | | | | | | | |  | |  | | STOP WORK, make the area safe and notify Mirvac. | | | | | | | | |
| Potential for hazardous atmosphere | | | | | | | |  | |  | | Mechanical ventilation to be installed | | | | | | | | |
| Will this excavation be more than 1m | | | | | | | |  | |  | | Barricading / no go zones to prevent falling into the excavation.  Ladders, steps, ramps, etc. no more than 9 m apart laterally.  Note: Never use cross braces / toms / struts (horizontal) for access.  Ladders extending 1 m above the original surface of the ground and are secured.  Walkways, ramps, or bridges with guardrails where people may cross over. | | | | | | | | |
| Additional hazards identified and controls to be implemented (including pot-holing methodology) | | | | | | | | | | | | | | | | | | | | |
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| * All excavation, piling, boring, trenching work must be accompanied by a JSEA / SWMS. * A copy of this permit must be kept at the operating plant with the operator. * Excavations deeper than 1.5m require a drawing, sketch, design completed by the Geotechnical Engineer to be attached. * Before backfilling - where changes or additional services have been installed, they must be surveyed. | | | | | | | | | | | | | | | | | | | | |
| **Services in area** | | | | **(Check)** | **Description of service in area e.g. 3-phase 415v main supply** | | | | | | | | | | | | | | | |
| Electricity | | | |  |  | | | | | | | | | | | | | | | |
| Sewer | | | |  |  | | | | | | | | | | | | | | | |
| Water | | | |  |  | | | | | | | | | | | | | | | |
| Gas | | | |  |  | | | | | | | | | | | | | | | |
| Telecommunications | | | |  |  | | | | | | | | | | | | | | | |
| Local Government | | | |  |  | | | | | | | | | | | | | | | |
| Other | | | |  |  | | | | | | | | | | | | | | | |
| **Some states require notification before excavation or other work where there is potential to affect the service and a representative of the Authority may be required on site during excavation.** (If unsure contact the local service Authority).  **Authority/approval from a service / asset owner must be obtained where:**   * Major services corridors are located within an easement or crossing a site; * Pile driving adjacent to underground services / assets; * Excavation or boring within 2 metres of any transmission line or conduit (e.g. sub-transmission cables, EHV, pipelines involving gas, oil and petrochemicals). * Excavation within 10 m of the periphery of any power pole. * Any work on services.   **Where approval is required note below:** | | | | | | | | | | | | | | | | | | | | |
| **Services Authority notified** | | | | **Asset Owner** | | **Phone No.** | | | | | | | **Drawing No.** | | | | **Date Notified** | | | |
| Electricity | | | |  | |  | | | | | | |  | | | |  | | | |
| Sewer | | | |  | |  | | | | | | |  | | | |  | | | |
| Water | | | |  | |  | | | | | | |  | | | |  | | | |
| Gas | | | |  | |  | | | | | | |  | | | |  | | | |
| Telecommunications | | | |  | |  | | | | | | |  | | | |  | | | |
| Local Government | | | |  | |  | | | | | | |  | | | |  | | | |
| Other | | | |  | |  | | | | | | |  | | | |  | | | |
| **Does the JSEA / SWMS (or equivalent) cover the following?** | | | | | | | | | | | | | | | | **Yes** | | | **No** | **N/A** |
| Drawing of worksite and all services locations (ie. underground and overhead) for each relevant authority attached. | | | | | | | | | | | | | | | |  | | |  |  |
| Ground support (e.g. shoring / benching or battering) installed and all certified by geotechnical engineer. | | | | | | | | | | | | | | | |  | | |  |  |
| Appropriate access and egress for excavation / trench. | | | | | | | | | | | | | | | |  | | |  |  |
| Barriers, edge protection to prevent injury or plant and/or materials falling into excavation. | | | | | | | | | | | | | | | |  | | |  |  |
| Adequate ground support or exclusion zone for personnel, machinery / vehicles and excavated material. | | | | | | | | | | | | | | | |  | | |  |  |
| Excavation is secured from unauthorised and out of hours access. | | | | | | | | | | | | | | | |  | | |  |  |
| Water ingress / accumulation / discharge is controlled. | | | | | | | | | | | | | | | |  | | |  |  |
| Radioactive / chemical monitoring of excavation materials/soils. | | | | | | | | | | | | | | | |  | | |  |  |
| Confined space requirements in place. | | | | | | | | | | | | | | | |  | | |  |  |
| Emergency rescue procedures are in place. | | | | | | | | | | | | | | | |  | | | N/A | N/A |
| Prepared by: |  | | | | | | Signature: | | | |  | | | | Date: | | |  | | |
| Accepted by [person in control of work]: |  | | | | | | Signature: | | | |  | | | | Date: | | |  | | |
| Plant Operator 1: |  | | | | | | Signature: | | | |  | | | | Date: | | |  | | |
| Plant Operator 2: |  | | | | | | Signature: | | | |  | | | | Date: | | |  | | |
| Spotter: [when powered excavation] |  | | | | | | Signature: | | | |  | | | | Date: | | |  | | |
| Copy to Mirvac Files | | | | | | |  | | | | Copy to Service Provider | | | | | | |  | | |