FIELD LEVEL HAZARD ASSESSMENT (FLHA)

Business name

Document: FLHA-001 Rev 1
Assessed: 2026-11-09 17:46
Valid for this shift / task only
Highest risk after controls: Medium

1. BUSINESS AND JOB DETAILS

Job	Build a garden suite	**Start date**	Nov 9, 2026
Working hours	7:00 am to 3:30 pm	**Trade**	General contracting

2. JOB STEPS, HAZARDS AND CONTROLS

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
1	Set up fencing and keep the main house occupants away from the work	Public entering the work area Working in an occupied home or building	**High** **Possible / Serious injury**	1.1 Fence off the site with secure temporary fencing and lock the gates when you leave. [Engineering (guarding)] 1.2 Give pedestrians a safe, marked path around the work, with ramps for strollers and wheelchairs. [Engineering (guarding)] 1.3 Use hoarding, covered walkways or catch fans where work is above public areas. [Engineering] 1.4 Put signs at each entry: site name, contact number and "No unauthorised entry". [Administrative] 1.5 Make the site safe at the end of each day: cover holes, lower buckets and booms, remove ladders and lock tools away. [Administrative] 1.6 Use a spotter when moving equipment or materials across public paths. [Administrative] 1.7 Plan noisy, dusty or risky work for when the building is empty. [Elimination] 1.8 Close off the work area with barriers, plastic sheeting or locked doors, and put up signs. [Engineering (guarding)] 1.9 Keep fire exits and paths clear at all times. [Administrative] 1.10 Tell occupants before you turn off power, water or gas, and before noisy or dusty work. [Administrative] 1.11 Lock away tools, chemicals and materials each day, out of reach of children. [Administrative] 1.12 Clean up dust and debris at the end of each day. [Administrative]	**Low** **Rare / Serious injury**	Site supervisor
2	Excavate and pour the slab	Hitting underground services Being hit by heavy equipment Wet concrete and cement burns	**Critical** **Possible / Fatality**	2.1 Keep machine buckets well clear of marked services and use a spotter. [Engineering (guarding)] 2.2 Scan the area with a cable locator before digging and mark services on the ground. [Engineering] 2.3 Hand expose or hydrovac services before machine digging inside the locate tolerance zone. [Engineering] 2.4 Click Before You Dig: lodge a locate request with your provincial one-call service and wait for the locates.	**Medium** **Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				[Administrative] 2.5 Follow your province's ground disturbance rules and keep locate sheets on site. [Administrative] 2.6 Keep plans or locate tickets on site and check them again if the work area grows. [Administrative] 2.7 Separate people and equipment with barriers, exclusion zones and marked walkways. [Engineering (guarding)] 2.8 Use equipment with working backup alarms, cameras and lights. [Engineering] 2.9 Have a site traffic plan showing equipment routes, loading areas and pedestrian paths. [Administrative] 2.10 Use a spotter when backing up or working near people. [Administrative] 2.11 Make eye contact with the operator before going near. Stay out of the swing radius. [Administrative] 2.12 Use long-handled tools and pumps to cut down contact. [Engineering] 2.13 Wash concrete off skin straight away with clean water. [Administrative] 2.14 Have clean water and eye wash at the pour. [Administrative] 2.15 Wear waterproof gloves, long sleeves and rubber boots with pants worn over the top. [PPE] 2.16 Wear safety glasses or goggles to stop splashes. [PPE]		
3	Frame and roof with edge protection	Falling from height Falling from a roof edge Nail gun injuries Rules: Provincial OHS regulation, fall protection	**Critical Likely / Fatality**	3.1 Do the work from the ground where you can, for example pre-assemble on the ground or use extension poles. [Elimination] 3.2 Install guardrails or edge protection on all open edges before work starts. [Engineering (guarding)] 3.3 Use a scaffold, mobile work platform or aerial work platform instead of working off a ladder. [Engineering] 3.4 Where edge protection is not practical, use a fall restraint or fall arrest system on a rated anchor point. [Engineering] 3.5 Fall protection plan in place where required. Workers trained in fall protection (Working at Heights training in Ontario). [Administrative] 3.6 Have a rescue plan so a worker hanging in a harness can be brought down within minutes. [Administrative] 3.7 Do what you can from the ground or from a scaffold at the gutter line, for example pre-assemble parts on the ground. [Elimination] 3.8 Install edge protection or guardrails on all open roof edges before work starts. [Engineering (guarding)] 3.9 Use a perimeter scaffold with handrails and toe boards along the eaves where practical. [Engineering] 3.10 Where guardrails cannot be fitted, use fall restraint on certified roof anchors so workers cannot reach the edge. [Engineering] 3.11 Use one safe, controlled access point and keep others	**Medium Unlikely / Serious injury**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
				off the roof. [Administrative] 3.12 Use a nail gun with a sequential (single shot) trigger, not a contact or bump trigger. [Substitution] 3.13 Disconnect the air or battery before clearing jams, adjusting or moving between work areas. [Engineering] 3.14 Keep your free hand at least 30 cm from the nailing point. [Administrative] 3.15 Never point the gun at anyone or carry it with your finger on the trigger. [Administrative] 3.16 Train new users before they use a nail gun, and check for pipes, cables and metal behind the surface. [Administrative]		
4	Connect services by licensed trades	Electric shock from live wiring Gas and fuel lines Trench or excavation collapse Rules: Provincial OHS regulation, electrical safety, and CSA Z462; Provincial OHS regulation, excavations and trenches	**Critical Possible / Fatality**	4.1 Isolate the power before any work. Do not work live. [Elimination] 4.2 Lock out and tag the isolation point with your own personal lock and danger tag. [Engineering (guarding)] 4.3 Test before you touch: prove dead at the point of work with a tested voltage tester. [Engineering] 4.4 Only licensed electricians do electrical work, to the Canadian Electrical Code and provincial rules. [Administrative] 4.5 Check for back feeds from solar, batteries and generators that can keep a circuit live after the main switch is off. [Administrative] 4.6 Isolate and purge the line before work, with the owner's approval. [Elimination] 4.7 Lock off and tag the isolation valve. [Engineering (guarding)] 4.8 Check for leaks with a gas detector before and during work, and ventilate the area. [Engineering] 4.9 Only licensed gas fitters work on gas lines. [Administrative] 4.10 Remove ignition sources: no smoking, no hot work and no sparking tools near the line. [Administrative] 4.11 Use methods that keep people out of the trench, such as directional boring or working from the surface. [Elimination] 4.12 Barricade or cover the excavation so people and equipment cannot fall in. [Engineering (guarding)] 4.13 Shore, slope or use a trench box in any trench deeper than 1.2 metres (1.5 metres in Alberta and Manitoba). [Engineering] 4.14 Keep spoil, materials and equipment at least 1 metre back from the edge. [Engineering] 4.15 Provide a safe way in and out, such as a ladder near where people work. [Engineering] 4.16 Inspect the excavation at the start of each shift and after rain or anything that could weaken it. Record it. [Administrative]	**Medium Rare / Fatality**	Site supervisor

#	Job step	Hazards	Risk before	Controls	Risk after	Responsible
5	Fit out and clean up	General dust Poor housekeeping and waste	**Medium Likely / Minor injury**	5.1 Use low-dust products, such as dust-reduced or pre-mixed compounds. [Substitution] 5.2 Seal off the work area with plastic sheeting in occupied buildings. [Engineering (guarding)] 5.3 Use tools with dust extraction and a vacuum for clean up. [Engineering] 5.4 Lightly mist the area with water to keep dust down, away from anything electrical. [Engineering] 5.5 Never dry sweep or blow dust off with compressed air. [Administrative] 5.6 Wear a dust mask and safety glasses. [PPE] 5.7 Order materials to size and send packaging back where you can. [Elimination] 5.8 Put waste bins and chutes close to the work. [Engineering] 5.9 Clean as you go, and do a full clean up at the end of each day. [Administrative] 5.10 Keep exits, stairs and walkways clear at all times. [Administrative] 5.11 Stack materials neatly on level ground, away from edges. [Administrative] 5.12 Wear gloves when handling waste. [PPE]	**Low Unlikely / Minor injury**	Site supervisor

Risk key: risk = likelihood x consequence on a 5 x 5 matrix. Low, Medium, High, Critical. Work must not start while the risk after controls is high or above. Controls are listed in order of the hierarchy of controls: Elimination, Substitution, Engineering (guarding), Engineering, Administrative, PPE.

3. PPE AND PERMITS

Required PPE	Permits and plans
CSA green triangle safety boots (CSA Z195) High-visibility vest (CSA Z96) Hard hat (CSA Z94.1) Safety glasses (CSA Z94.3) Hearing protection Full body harness (fall arrest) N95 respirator Chemical-resistant gloves Safety goggles Knee pads Sun protection (sunscreen, hat, long sleeves) Work gloves	Roof access permit Fall protection plan

4. PLANT AND EQUIPMENT

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Excavator	Provincial operator training				

Plant / equipment	Licence or training needed	Inspection needed	Rego / ID	Last inspected	Certificate / report
Concrete pump truck					
Frame scaffold	Provincial scaffold erector training				
Nail gun					
Circular saw					

5. CREW COMPETENCY, TICKETS AND LICENCES

Crew listed at sign-on below, with ticket and licence numbers.

6. EMERGENCY ARRANGEMENTS

Emergency number	911	**First aid kit**	In the work vehicle
Fire extinguisher	In the work vehicle	**Alarm and evacuation**	Shout for help and stop work. Make the area safe and go to the assembly point. Call the emergency number and send someone to meet the ambulance.
Reporting incidents	Report serious incidents to the provincial regulator as required.		

7. MONITORING, REVIEW AND LEGAL BASIS

The supervisor and crew review this assessment at the start of the shift, whenever the task, crew or conditions change, and before any new work process starts. Re-assess and initial the changes below.

Legal basis: Provincial occupational health and safety law (e.g. Ontario OHSA and O. Reg. 213/91, BC OHS Regulation, Alberta OHS Code). Employers must identify hazards before work starts and control them, and workers must be told about them. A field level hazard assessment is done on site, at the start of each shift or task, and reviewed again when conditions change.

Keep completed hazard assessments for at least 3 years (COR auditors sample the last 12 months). Review this FLHA and re-sign whenever the task, crew or conditions change.

8. PRE-JOB CHECKS

Check	Yes	No
PPE inspected and in good condition		
Tools and equipment inspected		
Permits reviewed and posted		
Locates valid and on site (if digging)		
Barricades or warning ribbon in place		
Muster point and emergency plan reviewed with the crew		

Check	Yes	No
SDS available for products used		
Working alone check-in set up (if anyone works alone)		

9. RE-ASSESSMENT WHEN CONDITIONS CHANGE

Time	What changed	New hazards	Controls	Initials

10. END OF SHIFT REVIEW

Completed at		**Reviewed by**	
Area cleaned up and safe		**Permits closed**	
Incidents or near misses		**Hazards remaining**	

11. REVISION HISTORY

Rev	Date	By	What changed
1	Nov 9, 2026		First issue

12. SIGN-OFF

	Name	Signature	Date	
Prepared by				
Supervisor				
Prime contractor review				Accepted for use: Yes / No

By signing below, each worker confirms they took part in this hazard assessment, it was reviewed with them before work started, and they will follow it. Stop and re-assess if anything changes.

Name	Role / company	Tickets / licences	Signature	Date

Name	Role / company	Tickets / licences	Signature	Date