



JOB HAZARD ASSESSMENT and SITE REQUIREMENT

The purpose of this form is to identify known or potential hazards and site control requirements that may be present on the project from start to finish. The assessment is completed by the Safety Coordinator and reviewed by the Project Director prior to any work starting on the job site. The checklists are intended as a guide only and hazards and controls must continue to be reviewed as the job progresses. Trades are expected to complete a thorough assessment for their specialized site work prior to starting work on the job site.

Project Name: Western Cleanwood Preservers Project Number: 2021-0509
 Address/Component: 9815 Robson Road, Surrey, BC Assessment Date: July 26, 2021
 Contractor: Clearview Demolition Ltd. Supervisor: Kurt Gieselman

Assessment Team

NAME	COMPANY	POSITION
Jimmy Samaras	Clearview Demolition (CVD)	Safety Management
Peter Krytiuk	Clearview Demolition (CVD)	Site Safety Officer / Coordinator
Brad Morrison	Clearview Demolition (CVD)	General Manager

Component items that apply are checked below. Items requiring action are included in Table 2.

Table One

Site Preparation	✓	Site Work / Building	✓	Safety Program	✓
Soil Remediation		Excavation		Safety Station Installed	✓
Grading		Trenching		Clearview Safety Manual	✓
Drainage	✓	Pre-Cast Erection		OH&S Acts & Regs	✓
Clearance		Decking/Roofing	✓	MSDS Binder	✓
Stacking of Materials	✓	Steel Erection		Rules Posted	✓
Traffic Control Measures	✓	Demolition/ Blasting	✓	Emergency Numbers Posted	✓
Lighting	✓	Confined Space/Caisson		Hazardous Materials List	✓
Visibility (Fog, Mist, Dust)	✓	Crane Work/Rigging	✓	Other: Full PPE	✓
Parking	✓	Work at Heights (as per local H&S Regulations)	✓	Other: Radio Contact	✓
Fencing	✓			Other: Dust Control	✓
Accessibility	✓	Work adjacent to Water		Other:	
Other: Soft Demolition	✓	Other:			
Occupational Health Hazard	✓	Equipment	✓	Fire Prevention	✓
Physical Agents	✓	Mobile Equipment	✓	Smoking Rules	✓
Biological Agents		Power Tools	✓	Special Fire Protection	
Chemical Agents	✓	Vehicles	✓	Fire Extinguishers	✓
Lead	✓	Ladders	✓	Signage Posted	✓
Asbestos	✓	Scaffolds	✓	Alarm System	✓
Silica	✓	Hand Tools	✓	Fire Dept. Assistance	
Spill Clean-up Procedure	✓	Other:		Other:	
Other: Sharps	✓				

Table Two

GENERAL SITE INDUCTION

Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
General Site Induction	Unfamiliarity with emergency procedures Unawareness of site-specific hazards Unawareness of restricted areas Unawareness of other operations or hazardous activities being undertaken onsite Unidentified utilities, gas, or electrical Hazardous materials Excessive noise	Low to Med	CVD	1) Listen and ensure you obtain information and site emergency and evacuation procedures. 2) Listen and ensure you obtain information about any and all site hazards. 3) Listen and ensure you obtain information about any restricted areas. 4) Listen and ensure you obtain information about any other activities being undertaken onsite. 5) All personnel must be instructed on safe work procedures, the types of tools and PPE equipment used, respirator use, work area entry and exit procedures and all safety measures associated with demolition. 6) A concise hazardous material survey audit report must be completed and be present onsite at all times. 7) Utility locates and disconnects.



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PREPARATORY OPERATIONS				
Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure - Preparatory Operations	Breaching minimum site PPE requirements Breaching site rules or requirements People entering work area Access to site Perimeter Asbestos / Lead exposure Electrical, gas, water, sewer, cable damage Glass fragmentation, debris Fire hazards Exposure of crew / others to falling debris Stragglers / vagrants Rodents, birds, critters	Low to Med	CVD	<ol style="list-style-type: none"> 1) Minimum PPE requirements. 2) Hi-visibility clothing must be worn at all times. 3) Steel toe ankle covering 6" foot protection must be worn at all times. 4) Certified head protection must be worn at all times. 5) Safety glasses must either be worn or carried at all times. 6) Task related hand protection gloves must be worn or carried at all times. 7) Task related ear plugs or ear muffs when required must be worn or carried at all times. 8) A certified competent person shall survey the integrity of the structure prior to the start of demolition operations. 9) All required permits shall be obtained. 10) Locate and confirm shut off, capping, or otherwise control all utilities. 11) Make GFCI-protected power accessible to the work zone as needed. 12) Prior to the start of the demolition, abatement of all asbestos or lead, where located and required, shall be removed by qualified workers.



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DISMANTLING OF STRUCTURE				
Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Structure collapse	High	CVD	<ol style="list-style-type: none"> 1) Proceed with demolition in a systematic manner, working from the top of the structure downwards. 2) All workers shall remain at least 25 feet from the equipment used to perform the demolition. 3) Only workers necessary to the operation shall be permitted in the demolition work zone. 4) Workers shall be instructed to possess heightened awareness of their surroundings both during the demolition and removal of debris.
Structure Demolition	Low lighting	Med	CVD	<ol style="list-style-type: none"> 1) Perform work during daylight hours or use artificial lighting during low-light conditions.
Structure Demolition	Poor / Lost communication with crews and equipment operators	Low	CVD	<ol style="list-style-type: none"> 1) Use VHF radios to communicate with operator, spotters, etc. Pause operation if communication cannot be established. 2) Exchange phone numbers as a secondary means of communication. 3) Thirdly, utilize hand motions.
Structure Demolition	Untrained crew members / operators	Med	CVD	<ol style="list-style-type: none"> 1) Only perform work for which you are trained to do and are competent, ask questions if anything about the work plan or task instructions are unclear.



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Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Slips, Trips, Falls	Med	CVD	1) Keep all work areas clean and organized, remove tripping hazards, and use proper accesses, egresses, and travel paths.
Structure Demolition	Congested work areas	Low	CVD	1) Communicate with other workers in work areas, alert equipment operators when entering into their workspace. 2) Maintain housekeeping and ensure materials are properly stored / organized.
Structure Demolition	Occupational Health Hazards	Low	CVD	1) Appropriate PPE (when applicable) must be worn, and be specific to identified occupational health hazards. 2) Appropriate handling measures must be adhered, in accordance with specific Exposure Control Plans. 3) Crews exposed to hazards must be properly trained to use relevant PPE and have reviewed and understand necessary ECPs. 4) Crews must review and sign-off on Safe Work Procedures for each specific work task being conducted.
Structure Demolition	Suspended load hazards	High	CVD	1) Stay clear of areas where materials are being lifted. "Look up and live". 2) Remain vigilant of suspended loads at all times, never travel directly under a suspended load. 3) Communicate with operators and spotters when entering into lifting work zones.



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Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Spills / Leaks / Environmental releases	Low	CVD	<ol style="list-style-type: none"> 1) Inspect equipment for leakage before use. 2) Use drip trays beneath equipment that may potentially leak. 3) Inspect Spill Kits to verify contents. 4) Abide by the “Fuel Management Plan” and report all spills to supervisors. 5) Reportable spills to be reported to appropriate agencies.
Structure Demolition	Rigging failure	Med	CVD	<ol style="list-style-type: none"> 1) Rigging to be visually inspected before every use by a trained and competent rigger
Structure Demolition	Operator / Spotter communication breakdown	Low	CVD	<ol style="list-style-type: none"> 1) Use VHF radio to communicate with the operator at all times. If the means of communication fails, stop until communication can be re-established.
Structure Demolition	Confusing or unclear equipment signaling	Low	CVD	<ol style="list-style-type: none"> 1) Only the designated spotter is to direct crane movements. 2) Heavy equipment signals to be discussed and mutually agreed upon between operator and spotter prior to start of work. 3) Machinery lights and signals must be checked and be operational prior to utilization.



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Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Vibration and noise	Low	CVD	1) Utilize hearing protection or double hearing protection appropriately. 2) Earplugs at ~85db. 3) Earmuffs at ~120db. 4) Maintain as great a distance from mobile equipment as possible to limit exposure to excess noise.
Structure Demolition	Struck by hazards	Med	CVD	1) Remain clear of mobile equipment. 2) Know planned load travel path and remain clear, give space whenever possible. 3) Establish eye contact with operator when in proximity to mobile equipment.
Structure Demolition	Falling debris / materials	Med	CVD	1) No crew are to be working within the immediate heavy demolition area when excavators are demolishing structures. 2) Communicate with operator by radio or cell phone if entry to work area is required and wait for “all clear” from the operator.
Grain House - Structure Demolition	Falling portion of structure	Med	CVD	1) When a dump zone is to be utilized, the area will be bannered off including warning signage indicating the parameters of the dump zone. 2) A spotter must be in place during dumping activities and have full authority to stop the dumping procedure when required.



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Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Fall from height	Med	CVD	<ol style="list-style-type: none"> 1) Crews working where they are exposed to fall hazards must be properly trained under fall restraint and have reviewed the Fall Protection Plan. 2) Applicable fall restraint measures are to be in place prior to commencing work that will create a fall hazard.
Structure Demolition	Environmental releases and/or Releases to marine environment	Low	CVD	<ol style="list-style-type: none"> 1) Oil absorbent booms will be present beside the equipment working the demolition of the structure and continue the perimeter of the current stage work zone.
Structure Demolition	Demolition zone delineation	Med	CVD	<ol style="list-style-type: none"> 1) Temporary 6' high construction fence to be installed delineating the entire work zone. 2) Warning signage will be attached to the fence advising of the demolition zone beyond and only authorized entry is permitted. 3) The immediate demolition stage zone will have oil booms placed around the perimeter of the work zone and equipment. 4) Additional signage and "Danger Do Not Enter" banner tape and delineator stands will be utilized to establish the perimeter of the active work zone. 5) Prevent unauthorized personnel from entering the work area. 6) Ensure safe access and egress to the work area.



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Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Sharp metal / cuts	Med	CVD	1) All required PPE; add cut-proof Level 4 gloves. 2) Salvage any metals or re-usable items for recycling as applicable.



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DISPOSAL				
Activity	Hazards Associated with Activities	Risk Ranking	Responsibility: CVE (CVE) / Clearview (CVD)	Risk Control Methods
Structure Demolition	Mobile equipment	Med	CVD	<ol style="list-style-type: none"> 1) Recyclables are transferred offsite to designated salvage facilities. 2) All waste is transferred by pre-arranged authorized transport to designated disposal facilities.
Structure Demolition	Excessive noise	Med	CVD	<ol style="list-style-type: none"> 1) Utilize hearing protection or double hearing protection appropriately. 2) Earplugs at ~85db. 3) Earmuffs at ~120db. 4) Maintain as great a distance from mobile equipment as possible to limit exposure to excess noise.
Structure Demolition	Operating machinery / equipment	Med	CVD	<ol style="list-style-type: none"> 1) Only trained and authorized employees may operate equipment. 2) Place spotters / traffic control personnel to watch paths of equipment.
Structure Demolition	Injury to personnel / others	Med	CVD	<ol style="list-style-type: none"> 1) Integrate traffic control personnel. 2) Arrange clear access. 3) Flag off the work area to prevent entry, as required.
Structure Demolition	Tripping hazards	Med	CVD	<ol style="list-style-type: none"> 1) Utilize high visibility string lines / demarcations, as required. 2) Perform work during daylight hours or use artificial lighting during low-light conditions.

Risk Ranking Matrix Associating Level and Definition:

Risk Level:

		RISK LEVEL CHART		
SEVERITY (Impact)	H	Medium	High	High
	M	Low	Medium	High
	L	Low	Low	Medium
		L	M	H
		PROBABILITY (Occurrence)		

Risk Definition:

RISK DEFINITION	
High (H)	Unacceptable risk level. Actions are required to eliminate or reduce the risk immediately.
Medium (M)	Risk controls are required.
Low (L)	Acceptable risk (controls will still be justified).

Definitions:

- Hazard:** Any condition or circumstance which poses the risk of an incident.
- Incident:** Any unplanned and unwanted event which results in damage or injury, or which could have resulted in damage or injury.
- Risk:** Chance of loss or gain; also, a measure of potential loss that considers both the severity of a loss and its probability of occurring.
- Severity:** A measure of the magnitude of loss. Equivalent terms include impact and seriousness.
- Probability:** The likelihood that a specific event or outcome will have an identified effect.
- Risk Controls:** Measures that reduce or controls risks that have been identified through risk assessment



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Job Hazard Assessment Review by Work Crew / Visitors

I have participated in a Job Hazard Review meeting and understand the content and requirements of the attached Job Hazard Assessment (Clearview personnel sign-off on Site Documents app).

Name (print)	Signature	Company	Trade/Position	Date