

**Project No.: R.089650.001**  
**Kwikwexwelhp Healing Village**  
**Building 9 Kitchen Demolition**

**Section 01 01 50 (condensed)**  
**General Instructions**

**1.1 SUMMARY OF WORK**

.4 Demolish the entire building #9 (kitchen) above footing & slab-on-grade and dispose debris according to local codes and regulations of local Authority Having Jurisdiction.

.5 Existing footing and slab-on-grade to remain.

.6 Backfill crawl space and install 150mm thickness of 19mm minus clean, hard, durable crushed gravel or stone, free from shale clay, friable materials, organic matter and other deleterious substance as top finished surface. The finished elevation is to the existing top of footing. Backfill shall be selected granular materials, free of rock larger than 75mm, frozen materials, demolition debris, rubbers, wood waste and other organic matters or deleterious materials.

**Section 01 35 33 (condensed)**  
**Health and Safety Requirements**

**1.14 Site Specific Health and Safety Plan**

.1 Conduct a site-specific hazard assessment based on review of Contract documents, required work, and project site. Identify any known and potential health risks and safety hazards.

.2 Prepare and comply with a Site-Specific Health and Safety Plan based on hazard assessment, including, but not limited to, the following:

.1 Primary requirements:

- .1 Contractor's safety policy.
- .2 Identification of applicable compliance obligations.
- .3 Definition of responsibilities for project safety/organization chart for project.
- .4 General safety rules for project.
- .5 Job-specific safe work, procedures.
- .6 Inspection policy and procedures.
- .7 Incident reporting and investigation policy and procedures.
- .8 Occupational Health and Safety Committee/Representative procedures.
- .9 Occupational Health and Safety meetings.
- .10 Occupational Health and Safety communications and record keeping procedures.

.2 Summary of health risks and safety hazards resulting from analysis of hazard assessment, with respect to site tasks and operations which must be performed as part of the work.

.3 List hazardous materials to be brought on site as required by work.

.4 Indicate Engineering and administrative control measures to be implemented at the site for managing identified risks and hazards.

.5 Identify personal protective equipment (PPE) to be used by workers.

.6 Identify personnel and alternates responsible for site safety and health.

.7 Identify personnel training requirements and training plan, including site orientation for new workers.

## **Section 01 74 19**

### **WASTE MANAGEMENT AND DISPOSAL**

#### **1.1 Related Work**

.1 Refer to every technical section for waste management and disposal.

#### **1.2 Definitions**

.1 Waste Audit (WA): relates to projected waste generation. Involves controlled separation of waste.

.2 Waste Reduction Workplan (WRW): a written report which addresses opportunities for reduction, re-use or recycling of materials.

.3 Materials Source Separation Program (MSSP): consists of a series of ongoing activities to separate re-usable and recyclable waste material into material categories from other types of waste at point of generation.

#### **1.3 Materials Source Separation**

.1 Before project start-up, prepare Materials Source Separation Program. Provide separate containers for re-usable and/or recyclable materials of the following:

- .1 Gypsum board.
- .2 Metals.
- .3 Wood.
- .4 Plastics.
- .5 Glass.
- .6 Other materials as indicated in technical sections.

.2 Implement Materials Source Separation Program for waste generated on project in compliance with approved methods and as approved by Departmental Representative.

.3 Locate containers in locations, to facilitate deposit of materials without hindering daily operations.

.4 Locate separated materials in areas which minimize material damage.

#### **1.4 Diversion of Materials**

.1 Create a list of materials to be separated from the general waste stream and stockpiled in separate containers, to the approval of the Departmental Representative and consistent with applicable fire regulations.

- .1 Mark containers.
- .2 Provide instruction on disposal practices.

#### **1.5 Storage, Handling and Application**

.1 Do work in compliance with Waste Reduction Workplan.

.2 Handle waste materials not re-used, salvaged, or recycled in accordance with appropriate regulations and codes.

.3 Materials in separated condition: collect, handle, store on site, and transport off-site to an approved and authorized recycling facility.

.4 Materials must be immediately separated into required categories for re-use or recycling.

.5 Unless specified otherwise, materials for removal become the Contractor's property.

.6 On-site sale of salvaged/recyclable material is not permitted.

.7 Provide Departmental Representative with receipts indicating quantity of material delivered to landfill.

.8 Provide Departmental Representative with receipts indicating quantity and type of materials sent for recycling.

## **Section 02 41 99 Demolition**

### **1.1 Related Sections**

.1 Section 01 01 50 General Instructions

.2 Section 01 35 33 Health and Safety Requirements

### **1.2 References**

.1 Canadian Standards Association (CSA International)

.1 CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.

.2 WorksafeBC

.1 Safe Handling of Asbestos, A Manual of Standard Practices.

### **1.3 Health and Safety**

.1 Do construction occupational health and safety in accordance with Section 01 35 33 –Health and Safety Requirements.

### **1.4 Waste Management and Disposal**

.1 Separate waste materials for reuse and recycling in accordance with 01 74 19 – Waste Management and Disposal.

.2 Remove from site and dispose of packaging materials at appropriate recycling facilities.

.3 Place materials defined as hazardous or toxic in designated containers.

.4 Handle and dispose of hazardous materials in accordance with CEPA, TDGA, Regional and Municipal regulations.

.5 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.

.6 Fold up metal banding, flatten and place in designated area for recycling.

.7 Do not dispose of waste or volatile materials such as mineral spirits, oil petroleum based lubricant, or toxic cleaning solutions into storm or sanitary sewers. Ensure proper disposal procedures are maintained throughout project.

### **1.5 Environmental Protection**

.1 Do not dispose of waste or volatile materials into watercourses, storm or sanitary sewers.

.2 Prevent extraneous materials from contaminating air beyond deconstruction area, by providing temporary enclosures during Work.

.3 Employ reasonable means necessary to protect salvaged materials from vandalism, theft, adverse weather, or inadvertent damage.

.4 Organize site and workers in matter which promotes efficient flow of materials through disassembly, processing, stockpiling, and removal.

.5 Remove and transport toxic or dangerous materials from site in accordance with authority having jurisdiction.

### **1.5 Site Condition**

.1 The existing site and buildings will be in use by Institution during work of this Contract. Maintain building access at all doorways and corridors.

.2 Investigate site and building to determine dismantling, processing and storage logistics required prior to beginning of Work.

.3 Develop strategy for deconstruction to facilitate optimum salvage of reusable and recyclable materials.

.4 Notify Departmental Representative before disrupting building access or services.

.5 Locate any existing conduit, rebar, etc. within floor or walls prior to drilling and/or coring. Contractor is responsible for repairing any such conduit, rebar, etc. that is damaged in the course of construction.

.6 Take preventative measures during demolition process and do not disturb pipe elbow insulation, duct mastic or other suspicious substance which may contain hazardous materials. Exercise caution when cutting existing duct insulation.

.7 Comply with CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.

.8 Demolition with explosives is not permitted.

### **1.6 Hazardous Materials**

.1 Contractors shall expect to encounter Asbestos Containing Materials (ACM) and other hazardous building materials throughout the course of work. Appendix A contains Hazmat Reports relevant to this site and these reports identify ACM and hazardous materials that the Contractors will encounter. If even one surveyed sample of a material at a particular location is identified to be ACM and/or hazardous material, Contractors shall treat this material throughout the rest of the site as "identified" ACM and/or

hazardous material. Removal of these identified ACM and hazardous materials that the Contractors will encounter shall be the responsibility of the Contractors.

.2 Contractor shall prepare and submit a Site Specific Asbestos and Lead Exposure Control Plan to Departmental Representative within ten (10) working days of Award of Contract for review and approval, prior to start of construction. The Site Specific Asbestos and Lead Exposure Control Plan (ECP) shall be prepared by a specialist or a third party company with experience in preparing ECP's, and the Contractors shall implement the approved Site Specific Asbestos and Lead Exposure ECP.

.3 Submit "Contractor Notification and Acknowledgement" for hazardous materials on site.

.4 Should other suspected hazardous building substances not identified in the Contract Document be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.

.1 Do not proceed until written instructions have been received from Departmental Representative.

.2 Removal of ACM and hazardous materials not identified in the Contract Document and Hazmat Reports will be under the control of the Departmental Representative and may be a change order to the contract price in accordance with General Conditions, or removed under a separate contract by the Departmental Representative.

## **PART 3 EXECUTION**

### **3.1 Preparation**

.1 Inspect site and verify extent and location of items designated for removal, disposal, alternative disposal, recycling, salvage and items to remain.

.2 Locate and protect utilities. Preserve active utilities traversing site in operating condition.

.3 Notify and obtain approval of utility companies before starting demolition.

### **3.2 Protection**

.1 Notify Departmental Representative for a walkthrough the kitchen before demolition to ensure that all existing kitchen equipment listed in Appendix B are returned to owner.

.2 Prevent movement, settlement, or damage to adjacent structures, utilities and parts of building to remain in place. Provide bracing and shoring required.

.3 Keep noise, dust, and inconvenience to occupants to minimum.

.4 Protect building systems, services and equipment.

.5 Provide temporary dust screens, covers, railings, supports and other protection as required.

.6 Do Work in accordance with Section 01 35 33 - Health and Safety Requirements.

.7 Prevent debris from blocking drainage which must remain in operation.

.8 Take precaution during demolition to protect all adjacent finished surfaces. Make good any damage to adjacent surfaces.

### **3.3 Salvage**

- .1 Refer to demolition drawings and specifications for items to be salvaged for reuse.
- .2 Remove items to be reused and protect items from damage.

### **3.4 Disposal**

- .1 Dispose of removed materials, to appropriate recycling facilities except where specified otherwise, in accordance with authority having jurisdiction.
- .2 The Owner reserves the option to request some or all existing equipment being removed and not required to be relocated to remain the property of the Owner. When directed by the Departmental Representative, remove such equipment and turn over to the Owner. Provide receipt verifying disposition of such equipment.

**END OF SECTION**