

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 04 05 00 – Common work results for masonry
- .2 Section 09 00 10 – Finishes schedule
- .3 Section 09 91 23 – Interior painting

1.2 REFERENCES

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

1.3 SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Shop Drawings:
 - .1 Provide drawings stamped and signed by professional engineer registered with the Ordre des ingénieurs du Québec.
- .3 Before proceeding with demolition of load bearing walls or of other walls and where required by authority having jurisdiction submit for review by Departmental Representative shoring and underpinning drawings prepared by qualified professional engineer registered with the Ordre des ingénieurs du Québec showing proposed method.

1.4 SECURITY CODE AND BYLAWS

- .1 Unless otherwise indicated, all work must be executed in conformity with the Code de construction du Québec, chapter 1, part 8: Security measures at construction site, also with the National Security Code, and also with the Security code on construction site by the Commission de la sécurité et santé au travail (CSST).

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Waste Management and Disposal:
 - .1 Separate waste materials for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

1.6 EXISTING CONDITIONS

- .1 Proceed with demolition work in the state of the day of awarding of contract.
 - .2 Verify the dangerous designated materials survey list and take all precautionary measures to protect the environment.
 - .3 Should material resembling spray or trowel-applied asbestos or other designated substance listed as hazardous be encountered, stop work, take preventative measures, and notify Departmental Representative immediately.
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- .1 Do not proceed until written instructions have been received from Departmental Representative.
- .4 Notify Departmental Representative before disrupting building access or services.

1.7 WORK COORDINATION

- .1 Contractor is required to follow work sequence dictated by implementation particular conditions. Work shall be executed in several steps to allow each building trade to proceed with their own work.

Part 2 Products

2.1 MATERIALS AND EQUIPMENT

- .1 The choice of materials and equipment needed for demolition is under the responsibility of the contractor.
- .2 Leave equipment and machinery running only while in use, except where extreme temperatures prohibit shutting down.

Part 3 Execution

3.1 PREPARATION

- .1 Do work in accordance with Section 01 35 29.06 - Health and Safety Requirements.
- .2 Protection:
 - .1 Prevent movement, settlement, or damage to adjacent structures, utilities, and parts of building to remain in place. Provide bracing and shoring required.
 - .2 Keep noise, dust, and inconvenience to occupants to minimum.
 - .3 Protect building systems, services and equipment.
 - .4 Provide temporary dust screens, covers, railings, supports and other protection as required.
 - .5 Prevent that demolition work obstruct water drainage system.
- .3 Disconnect and re-route electrical, telephone and communication service lines. Post warning signs on electrical lines and equipment which must remain energized to serve other products during period of demolition.
- .4 Locate and protect utility lines. Do not disrupt active or energized utilities traversing premises designated to remain undisturbed.
- .5 Disconnect and cap designated mechanical services.

3.2 DEMOLITION SALVAGE AND DISPOSAL

- .1 Remove parts of existing building to permit new construction.
 - .2 Refer to demolition drawings and specifications for items to be salvaged for reuse.
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- .3 Remove items to be reused, store as directed by Departmental Representative, and re-install under appropriate section of specification.
- .4 Trim edges of partially demolished building elements to tolerances as defined by Departmental Representative to suit future use.
- .5 Dispose of removed materials, to appropriate recycling facilities except where specified otherwise, in accordance with authority having jurisdiction.

3.3 PARTIAL DEMOLITION OF STRUCTURES

- .1 Drill holes which diameters are superior to 50 mm required for other trades.
- .2 Refer to all structural drawings for the specifications concerning any demolition for this specialty.
- .3 Carefully cut out exterior walls, parapets, roofs, and ceilings to allow the carrying out of the related work prescribed on drawings and specifications and the connecting of the new structure to the existing.
- .4 Coordinate all demolition work with all trades related specialties.
- .5 Refer to mechanical and electrical drawings for any prescription concerning mechanical and electrical items to demolish and for the conduits location and course that will require cutting out and drilling of walls, ceilings, and floors.

3.4 STOCKPILING

- .1 Label stockpiles, indicating material type and quantity.
- .2 Designate appropriate security resources/measures to prevent vandalism, damage, and theft.
- .3 Locate stockpiled materials convenient for use in new construction. Eliminate double handling wherever possible.
 - .1 Masonry elements for reuse
 - .1 Carefully dismantle bricks and concrete elements for the making good of the existing facing and/or walls and/or partitions.
 - .2 Get rid of mortar trace from the masonry elements and retain only the undamaged and complete elements.

3.5 REMOVAL FROM SITE

- .1 Transport recyclable materials for alternate disposal to approved facilities or receiving organizations in accordance with applicable regulations.
- .2 Dispose of all non recyclable materials in accordance with applicable regulations.

3.6 CLEANING

- .1 Keep site clean and organized throughout demolition procedure.
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3.7 RESTAURATION OF SITE

- .1 Upon completion of project, reinstate areas, parking surfaces, walkways, lightpost standards, affected by work to condition which existed prior to beginning of work match condition of adjacent, undisturbed areas.
- .2 Reinstate surfaces and finishes affected by demolition to the Departmental Representative complete satisfaction, in respect to condition which existed prior any demolition work, including but without limiting itself the making good of floors, walls, partitions, and interior ceilings.
- .3 Reinstate surfaces and finishes affected by mechanical and electrical work. Refer to concerned engineers drawings regarding all prescriptions for mechanical and electrical articles installations that would imply cutting and/or drilling of walls, partitions, ceilings, and floors thus also repairs and making good.
- .4 Reinstate elements, surfaces, and finishes of existing ceiling to remain but that must be dismantle and dressed up again in order to proceed with any mechanical, electrical and structural work.
- .5 Reinstate any parts of walls, partitions, and ceilings demolished or dismantled for any mechanical, electrical, and structural work described and/or prescribed on engineers drawings and specifications but not necessarily nor precisely identified on the architectural drawings.

END OF SECTION