

PART 1 - GENERAL

1.1 REFERENCES

- .1 Canadian Standards Association (CSA International)
 - .1 CSA S350-M1980 (R2003), Code of Practice for Safety in Demolition of Structures.
- .2 National Research Council Canada (NRC)
 - .1 National Building Code of Canada 2015 (NBC).
 - .2 National Fire Code of Canada 2015 (NFC).

1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Action Submittals: Provide the following submittals before starting any work of this Section:
 - .1 Shop Drawings: Shop Drawings: Submit drawings stamped and signed by professional engineer registered or licensed in Province of Nova Scotia as follows:
 - .2 Submit in accordance with Section 01 33 00 - Submittal Procedures.
 - .3 Schedule of Demolition Activities: Coordinate with Section 01 32 16.07 - Construction Progress Schedule.
- .2 Informational Submittals: Provide the following submittals when requested by the Department Representative.
- .3 Qualification Data: Submit information for companies and personnel indicating their capabilities and experience to perform work of this Section including; but not limited to, lists of completed projects with project names and addresses, names and addresses of Department Representative, for work of similar complexity and extent.

1.3 QUALITY ASSURANCE

- .1 Regulatory Requirements: Ensure Work is performed in compliance with CEPA, CEAA, TDGA, and applicable Provincial/Territorial and Municipal regulations.
 - .1 Comply with hauling and disposal regulations of Authority Having Jurisdiction.
 - .2 Standards: Comply with ANSI A10.6 and NFPA 241
 - .2 Regulatory Requirements: Perform work of this Section in accordance with the following:
 - .1 Federal Workers' Compensation Service AND Provincial/Territorial Workers' Compensation Boards/Commissions.
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.2 Government of Canada, Labour Program: Workplace Safety and Provincial/Territorial Occupational Health and Safety Standards and Programs.

1.4 EXISTING CONDITIONS

- .1 Review designated substance report and take precautions to protect environment.
- .2 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.
 - .1 Do not proceed until written instructions have been received from Departmental Representative.
- .3 Notify Departmental Representative before disrupting building access or services.

PART 2 - PRODUCTS

2.1 EQUIPMENT

- .1 Leave equipment and machinery running only while in use, except where extreme temperatures prohibit shutting down.
- .2 Demonstrate that tools and machinery are being used in manner which allows for salvage of materials in best condition possible.

2.2 TEMPORARY SUPPORT STRUCTURES

- .1 Design temporary support structures required for demolition work and underpinning and other foundation supports necessary for the project using a qualified professional engineer registered or licensed in Province of the Work.

PART 3 - EXECUTION

3.1 EXAMINATION

- .1 Survey existing conditions and correlate with requirements indicated to determine extent of structure demolition required.
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- .2 Review Project Record Documents of existing construction provided by Departmental Representative.
- .3 Departmental Representative does not guaranty that existing conditions are the same as those indicated in Project Record Documents.

3.2 PREPARATION

- .1 Do Work in accordance with Section 01 35 29 - 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.
- .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 or designated to remain undisturbed.
- .5 Disconnect and cap designated mechanical services.

3.3 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.
 - .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 refuse facilities except where specified otherwise, in accordance with authority having jurisdiction.
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3.4 REMOVAL FROM SITE

- .1 Dispose of materials not designated for alternate disposal in accordance with applicable regulations.

3.5 REPAIRS

- .1 General: Promptly repair damage to adjacent construction caused by structure demolition operations.
- .2 Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.
- .3 Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.6 CLEANING AND RESTORATION

- .1 Keep site clean and organized throughout demolition procedure.
- .2 Upon completion of project, reinstate areas, affected by Work to match condition of adjacent, undisturbed areas.