

SECTION 02 41 13

SELECTIVE SITE DEMOLITION

PART 1 GENERAL

1.1 SUMMARY

- A. Comply with Division 1, General Requirements.

1.2 REFERENCES

- A. Comply with the latest edition of the following statutes codes and standards and all amendments thereto.
 - 1. CSA S350-M Code of Practice for Safety in Demolition of Structures.
 - 2. NFPA 241 Standard for Safeguarding Construction, Alteration, and Demolition Operations.

1.3 SUBMITTALS

- A. Submit cleaning operation schedule.
- B. Submit shop drawings for bracing and shoring signed and sealed by a licensed engineer, including demolition methods and procedures.
- C. Submit for review proposed method of substrate preparation.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION

3.1 PREPARATION

- A. Disconnect electrical and mechanical systems in areas of selective demolition to rules and regulations of authorities having jurisdiction.
- B. Note there is asbestos present in area of Work. Field verify and post warning signs adjacent to asbestos containing items.
- C. Post warning signs on equipment, which will remain in operation in areas of selective demolition.
- D. Disconnect and cap mechanical services in accordance with requirements of local authority having jurisdiction or pay for having this work done by local authority.
- E. Do not disrupt active or energized utilities in area of selective demolition.

NORTH END SEWAGE TREATMENT PLANT (NEWPCC) HEADEND DISCHARGE WELL
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3.2 DEMOLITION

- A. Do work in accordance with CSA-S350.
- B. Work of this Section is of selective nature. The work includes but not necessarily limited to removal and dismantling of:
 - 1. Remove grating, railing, ladder, and platforms associated with the Discharge Well.
 - 2. Remove, clean and store gate operator.
 - 3. Clean areas affected by demolition.
- C. Demolish in manner to minimize dusting. Keep dusty materials wetted.

3.3 EXISTING CONDITIONS

- A. Take over existing structure, with selective demolition work based on existing condition at time of examination prior to bidding. Carefully examine existing structure, equipment and conditions.
- B. Protect existing, minimize damage to existing, make good damage.
- C. Make good existing finishes disturbed or otherwise damaged during selective demolition, by qualified tradesmen. Match existing materials and finishes.
- D. Make good existing materials and finishes disturbed or otherwise damaged by alterations to mechanical and electrical equipment and piping. Match existing materials and finishes.

3.4 PROTECTION

- A. Prevent movement, settlement, or damage of existing structure and adjacent structures, walks, paving and parts of existing building to remain in service.
- B. Contract Administrator design bracing and shoring required. Submit shopdrawings sealed by a structural engineer licensed in Manitoba.
- C. Prevent debris from collecting and blocking mechanical and electrical systems, which will remain in operation.
- D. Prevent dust from entering mechanical and electrical system. Maintain water and electrical systems.
- E. Provide storage and protection to following items which will be reclaimed and refinished for installation: bypass service gate operator.
- F. Protect interior of parts and items, which are not to be demolished, from exterior elements at all times.
 - 1. Maintain water and airtight enclosures.
 - 2. Provide thermal barrier to match existing exterior thermal barrier.
 - 3. Protect building service lines from damage.

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- G. Turn over to The City, dismantled items, which are in good condition, and store at location and as directed by the Contract Administrator.

3.5 CLEANING

- A. After selective demolition clean existing substrates to sound, clean surface free from extraneous matter. Use only non-ionic surfactants.
- B. Test clean area designated by the Contract Administrator. Use accepted, cleaned area as the standard for the remainder of the cleaning work.

3.6 DISPOSAL OF WASTE

- A. Dispose waste off Site at location acceptable to authorities having jurisdiction.
- B. Remove waste from Site daily. Do not store on Site.

END OF SECTION