

**SECTION 02 41 13
SELECTIVE DEMOLITION**

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to work in this section.

1.2 SECTION INCLUDES

- A. Required demolition of designated existing elements
- B. Salvage of designated items

1.3 REFERENCES

- A. Comply with NFPA 1 – Chapter 29 and NFPA 241 Standard for Safeguarding Construction Alteration and Demolition Operation
- B. Florida Building Code - FBC

1.4 NOTIFICATION OF OWNERS OF UTILITY LINES AND EQUIPMENT

- A. Notify the Owner or local authority owning any conduits, wires, pipes, or equipment affected by demolition work.
- B. Arrange for removal or relocation of affected items and pay fees or costs in conjunction with removal or relocation, except as otherwise noted.

1.5 PROTECTION

- A. Prior to starting any work on site, provide a safety plan as outlined in Section 423 FBC to the Building Department for approval.
- B. Coordinate the implementation of the safety plan with the Building Department, Campus Police, School Representative, and Program Management.
- C. Prior to starting demolition operations, provide necessary protection of existing spaces and items to remain.
- D. Owner may be continuously occupying areas of the building immediately adjacent to areas of selective demolition. If Owner continues to occupy the facility comply with the following:
 - 1. Conduct demolition work in a manner that will minimize need for disruption of the Owners normal operations.
 - 2. Provide protective measures as required to provide free and safe passage of Owner's personnel and public to and from occupied portions of the facilities.
 - 3. Provide minimum of 72 hours advance notice to Owner of demolition activities that will impact Owners normal operations.
 - a. Obtain specific approval from Owner for impact.
- E. Owner assumes no responsibility for actual condition of items to be demolished.
 - 1. Owner will maintain conditions at time of commencement of contract insofar as practical.
- F. Protect any exposed existing finish work that is to remain during demolition operations.
- G. Erect and maintain dust proof partitions, closures, and ventilator system as required preventing the spread of dust or fumes to occupied portions of the building.
 - 1. Take whatever precautions necessary to minimize impact on occupied areas.

1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable codes for demolition of structures, safety of adjacent structures, dust control, runoff, and erosion control, and disposal of demolished materials.
- B. Obtain required permits from authorities having jurisdiction.
- C. Notify affected utility companies before starting work by calling 811 and comply with their requirements.
- D. Do not close or obstruct roadways, sidewalks, and hydrants, without permits.
- E. Conform to applicable regulatory procedures when discovering hazardous or contaminated materials.
 - 1. Contact the Architect and Owner immediately.

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- F. Test soils around buried tanks for contamination.
- G. No demolition will occur during school hours without the written permission of the Owner.
- H. Obtain Palm Beach County School District Environmental & Conservation Services (E&CS) certification/approval prior to demolition/invasive testing.

1.7 EXPLOSIVES

- A. The use of explosives is strictly prohibited.

PART 2 PRODUCTS - (Not applicable)

PART 3 EXECUTION

3.1 PREPARATION

- A. Verify the proper disconnection and capping of all abandoned utilities.
- B. Verify that required barricades and other protective measures are in place.
- C. Provide necessary shoring, bracing, and other precautions required for proper support of existing structure during cutting and demolition operations.
- D. Photograph existing conditions of structure, surfaces, equipment and surrounding spaces that could be misconstrued as damage resulting from selective demolition work; submit photographs and written report of existing damage to Architect prior to starting work.
 - 1. Contractor shall repair damage caused to existing facilities at no cost to Owner unless they can provide documentation is indicating pre-existing damage.

3.2 DEMOLITION OPERATIONS

- A. Comply with alteration precautions and procedures specified in Section 01 35 16.
- B. Cut and remove elements and equipment as designated on Drawings.
 - 1. Remove elements in their entirety unless otherwise indicated.
- C. Execute demolition in a careful and orderly manner with least possible disturbance or damage to adjoining surfaces and structure.
- D. Exercise extreme caution in cutting and demolition of portions of existing structure.
 - 1. Obtain approval of Architect prior to cutting or removing structural members for any reason.
- E. Avoid excessive vibrations in demolition procedures that may transmit through existing structure and finish materials.
- F. If hazardous materials are encountered during demolition operations, comply with applicable regulations, laws, and ordinances concerning assessment, removal, handling, and protection against exposure or environmental pollution and immediately contact the District's E&CS.

3.3 DISPOSAL

- A. Materials, equipment, and debris resulting from demolition operations shall become property of Contractor.
 - 1. Remove demolition debris at least once each day in accordance with applicable City, State, and Federal Laws.
- B. Cover debris in trucks with approved netting to prevent spillage during transportation.
- C. Do not store except in approved containers or burn materials on site.
 - 1. Remove combustible waste materials in a manner approved by local Fire Department.
 - 2. Remove, handle, and dispose of any hazardous waste and debris in accordance with applicable City, State, and Federal Laws.
- D. Transport demolition debris to off-site disposal area and legally dispose of debris.
- E. Use street routes specifically designated by City for hauling debris.
- F. When possible dispose of material to recycling centers.

3.4 CLEANING AND REPAIR

- A. Leave building broom clean and free of debris, ready to receive new work.
- B. Repair demolition performed in excess of that required.

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1. Return structures and surfaces to remain to condition existing prior to commencement of selective demolition.

END OF SECTION