

DIVISION 02

EXISTING CONDITIONS

SECTION 02 4100
DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Removal of selective building exterior components and materials required for construction of new work. Items included, but are not limited to:
 - 1. Existing roofing, insulation, fascia trim, and nailers.
 - 2. Existing gutters, downspouts, flashing, and splash blocks.
 - 3. Existing mechanical curbs and ventilators.
- B. See Demolition plans in the drawings.

1.02 RELATED REQUIREMENTS

- A. Section 01 5000 - Temporary Facilities and Controls: Protective Barriers
- B. Section 01 5719 - Environment Protection: Disposal of Debris

1.03 REFERENCE STANDARDS

- A. 29 CFR 1926 - U.S. Occupational Safety and Health Standards; current edition.
- B. NFPA 241 - Standard for Safeguarding Construction, Alteration, and Demolition Operations; 2004.

1.04 PROJECT CONDITIONS

- A. Minimize production of dust due to demolition operations.
- B. Protection: Protect existing objects designated to remain. In event of damage, immediately make repairs and replacements necessary to approval of architect at contractor's expense.

1.05 QUALITY ASSURANCE

- A. Demolition must be completed by a firm experienced in type of demolition work required.
- B. Supervision: One person present during demolition operations, thoroughly familiar with types of work.
- C. Codes and Standards: Comply with pertinent codes and regulations, plus requirements of insurance carriers providing coverage for work.

1.06 DISPOSAL OF DEBRIS

- A. All material resulting from demolition operations of material, and debris shall be disposed of off-site by the Contractor as per Arkansas Department of Environmental Quality-Solid Waste Division regulatory requirements. The Contractor shall be responsible for compliance with all Federal, State, and local laws and regulations applicable to disposal of these materials. All materials must be disposed of in a Class 4 land fill.
- B. Disposal of petroleum, oil, and lubricants, (POL) products, chemicals, or other hazardous or toxic components, may require EPA approval or permits from the state. Where such permits are required, the Contractor shall be responsible for obtaining such permits and shall be responsible for the payment of any fines or penalties for failure to do so.

PART 2 PRODUCTS -- NOT USED

PART 3 EXECUTION

3.01 SCOPE

- A. Removal of selective building exterior components and materials required for construction of new work.
 - 1. See Demolition Plan in the drawings.

3.02 GENERAL PROCEDURES AND PROJECT CONDITIONS

- A. The general contractor shall familiarize himself with the site and be aware of all site appurtenances, components and materials to be removed, and by submitting a bid assumes responsibility for all demolition work to be performed.
- B. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public. Contractor is responsible for safety of all operations required under this contract.
- C. Care is to be taken not to damage existing materials to remain. Any damage to existing materials is to be the responsibility of the general contractor.
- D. Preparation:
 - 1. Prior to work of this section, carefully inspect entire site and objects designated to be removed and preserved.
- E. Clarification:
 - 1. Drawings do not purport to show all objects existing on site.
 - 2. Before commencing work of this section, verify with architect all objects to be removed and all objects to be preserved.
- F. Scheduling:
 - 1. Schedule work in a careful manner with necessary consideration for inhabitants of existing building.
 - 2. Avoid interference with use of, and passage to and from, adjacent buildings and facilities.

3.03 WORKMANSHIP

- A. Any demolition work that will require interruption of existing utility service must be coordinated with the owner.
- B. All materials from demolished structures are the property of the contractor.

3.04 DEBRIS AND WASTE REMOVAL

- A. Remove debris, junk, and trash from site.
- B. Dispose of all materials in legal dumping areas and comply with all local ordinances and Federal anti-pollution laws.
- C. Leave site in clean condition, ready for subsequent work.

END OF SECTION