



# Cherry Creek School District Technical Guidelines - 2020

## DIVISION 02 – EXISTING CONDITIONS

### 02 41 19 – SELECTIVE DEMOLITION

#### PART 1 - GENERAL

- A. Summary - Section includes:
  - 1. Demolition and removal of selected portions of building or structure.
  - 2. Demolition and removal of selected site elements.
  - 3. Salvage of existing items to be reused or recycled.
  
- B. Referenced Standards/Minimum Criteria:
  - 1. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this project.
  - 2. Refrigerant Recovery Technician Qualifications: Certified by an EPA approved certification program.
  - 3. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
  - 4. Standards: Comply with ANSI / ASSP A10.6-2006 (R2016) "Safety and Health Program Requirements for Demolition Operations" and NFPA 241 "Standard for Safeguarding Construction, Alteration, and Demolition Operations".
  - 5. Predemolition Conference: Conduct conference at Project site. Review methods and procedures related to selective demolition including, but not limited to, the following:
    - a. Inspect and discuss condition of construction to be selectively demolished.
    - b. Review structural load limitations of existing structure.
    - c. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
    - d. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.
    - e. Review areas where existing construction is to remain and requires protection.
  
- C. Submittals Required:
  - 1. Schedule of Selective Demolition Activities: Indicate the following:
    - a. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity. Ensure Owner's on-site operations are uninterrupted.
    - b. Interruption of utility services. Indicate how long utility services will be interrupted.
    - c. Coordination for shutoff, capping, and continuation of utility services.
    - d. Locations of proposed dust-and noise-control temporary partitions and means of egress.
    - e. Coordination of Owner's continuing occupancy of portions of existing building and of Owner's partial occupancy of completed Work.
    - f. Means of protection for items to remain and items in path of waste removal from building.



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2. Inventory: After selective demolition is complete, submit a list of items that have been removed and salvaged.
  3. Predemolition Photographs / Video: Show existing conditions of adjoining construction and site improvements, including finish surfaces, that might be misconstrued as damaged caused by selective demolition operations.
- D. Restrictions/Critical Criteria:
1. Owner may occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
  2. Historic items, relics, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, antiques, and other items of interest or value to Owner that may be encountered during selective demolition remain Owner's property. Carefully remove and salvage each item or object in a manner to prevent damage and deliver promptly to Owner.
  3. Existing Services/Systems: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.
  4. Service/System Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
    - a. Arrange to shut off indicated utilities with utility companies.
    - b. If services/systems are required to be removed, relocated, or abandoned, before proceeding with selective demolition provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.
    - c. Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.
  5. Removed and Salvaged Items:
    - a. Clean salvaged items.
    - b. Pack or crate items after cleaning. Identify contents of containers.
    - c. Store items in a secure area until delivery to Owner.
    - d. Transport items to Owner's storage area designed by Owner or as indicated on Drawings.
    - e. Protect items from damage during transport and storage.
  6. Removed and Reinstalled Items:
    - a. Clean and repair items to functional condition adequate for intended reuse. Paint equipment to match new equipment.
    - b. Pack or crate items after cleaning and repairing. Identify contents of containers.
    - c. Protect items from damage during transport and storage.
    - d. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.



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7. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and cleaned and reinstalled in their original locations after selective demolition operations are complete.
8. Recycle existing materials to the greatest extent possible.
9. Ownership of salvageable material/equipment to be determined by School District.  
Typical owner salvaged items might include:
  - a. Door hardware.
  - b. Markerboards, tackboards.
  - c. Cabinets, countertops.
  - d. Wall shelving.
  - e. Mechanical units, equipment.
  - f. Electrical panels, breakers.
  - g. Clock/bell/intercom components.
  - h. Fire/security detection and alarm components.
  - i. Emergency generator.

### PART 2 - PRODUCTS

- A. Not Applicable.

### END OF SECTION