1. GENERAL
   1. SUMMARY
      1. Section Includes:
         1. The work includes selective demolition within the existing building.
         2. The Contractor is responsible for determining scope and extent of demolition in order to allow for installation of the work shown on the Drawings. Specific demolition notes are indicated on the Drawings that are in addition to the Contractor’s required scope to accommodate the new work.
         3. Contractor is warned that there may be unknown alterations and unforeseen or unknown conditions above existing ceilings, behind existing wall furring, below concrete floor slabs, and within existing walls, and partitions.
         4. Refer to Mechanical and Electrical drawings and specifications for additional requirements.
         5. Demolition work includes protection of existing construction to remain, as well as removal and disposal of demolished materials.
      2. Salvage: Owner will mark and retain salvageable items as determined with the Contractor.
      3. Related Sections:
         1. 01 35 33 – Infection Control.
         2. 01 50 00 – Temporary Facilities and Controls: Requirements for fire prevention, dust and noise control, security, barriers, etc.
         3. 01 73 29 – Cutting and Patching.
         4. Divisions 22 and 26: Demolition, removal and disposition of pipes, conduits, ducts, equipment and other mechanical and electrical work is specified in these Divisions.
   2. REFERENCES
      1. American National Standards Institute (ANSI):
         1. A10.6 - Safety Requirements for Demolition.
         2. A10.18 - Safety Requirements for Temporary Floor and Wall Openings, Flat Roofs, Stairs, Railings and Toeboards.
   3. ASBESTOS AND PCB
      1. Hazardous Materials: Refer to Section 01 11 01.
   4. SUBMITTALS
      1. Schedule: Submit proposed methods and sequence of operations for selective demolition prior to preconstruction meeting. Coordinate all times with the Owner and obtain approval of schedule before commencing. Include the following:
         1. Detailed sequence of demolition and removal of work to ensure Owner time to vacate areas and allow Owner continuing occupation of portions of existing building.
         2. Indicate any temporary suspension of services and duration of these times.
         3. Coordination for shut-off, capping, and continuation of utility services as required.
         4. Details for dust and noise protection.
      2. Photo Survey: As specified in paragraph 3.1.
   5. QUALITY ASSURANCE
      1. Requirements of Regulatory Agencies: Comply with applicable requirements of rules, regulations, laws, ordinances of governing authorities.
      2. Cutting and Patching: All selective demolition work that requires cutting and patching shall conform to the requirements specified in Section 01 73 29 Cutting and Patching. Do not cut and patch work exposed on the building exterior or in it's occupied spaces in a manner that would, in the Owner’s opinion, result in lessening the building aesthetic qualities. Do not cut and patch work in a manner that would result in substantial visual evidence of cut and patch work.
   6. PROJECT CONDITIONS
      1. Occupancy: Owner will be continuously occupying areas of the building immediately adjacent to areas of selective demolition. Conduct demolition work in a manner that will minimize need for disruption of Owner's normal operations.
      2. Existing Building Exits: Contractor's materials and activities shall not block any exit or impair floor-to-floor separation while the building is occupied.
      3. Partial Removal: Items of salvaged value to Contractor may be removed from structure as work progresses. Salvaged items must be transported from site as they are removed. Storage of removed items on site will not be permitted.
      4. Fire Protection: All practical measures shall be taken to ensure fire protection during all phases of the work. This shall include expediting construction of fire division walls, temporary cross hallway fire stop at the division walls, and securing the building from unauthorized entry. No flammable liquids, welding/cutting equipment, or compressed gases shall be used, except under specific Fire Department Permit and approval from the Owner.
      5. Protection: Provide temporary barricades and other forms of protection as required to protect Owner's personnel and general public from injury due to selective demolition.
         1. Provide protective measures as required to ensure free and safe passage of Owner's personnel and general public to and from occupied portions of the building.
         2. Protect from damage existing finish work that is to remain in place and becomes exposed during demolition operations.
         3. Protect floors with suitable coverings when necessary.
         4. Construct temporary dust proof partitions to separate areas where noisy or extensive dirt or dust operations are performed. Equip partitions with dust proof doors and security locks, if required.
         5. Remove protections at completion of work and restore effected finishes.
      6. Damages: Promptly repair damages caused to adjacent facilities by demolition work at no cost to Owner.
      7. Utility Services: Maintain existing utilities indicated to remain, keep in service, and protect against damage during demolition operations. Do not interrupt existing utilities serving occupied or used facilities, except when authorized in writing by authorities having jurisdiction and the Owner. Provide temporary services during interruptions to existing utilities, as acceptable to governing authorities. Refer to 01 50 00 “Temporary Facilities and Controls” for utility shutdown procedures.
2. PRODUCTS
   1. MATERIALS
      1. Provide all materials, equipment, tools, and methods required for the completion of demolition work as indicated and specified hereinafter.
3. EXECUTION
   1. INSPECTION
      1. Prior to commencement of selective demolition work, inspect areas in which work will be performed. Photograph existing conditions of structure, surfaces, equipment or to surrounding properties which could be misconstrued as damage resulting from selective demolition work; file with Owner prior to starting.
   2. PREPARATION
      1. Erect and maintain dust-proof partitions and closures as necessary to prevent spread of dust or fumes to occupied portions of the building.
         1. Where selective demolition occurs immediately adjacent to occupied portions of the building, construct dust-proof partitions. Refer to Section 01 35 33 “Infection Control” for containment requirements
   3. DEMOLITION
      1. Perform selective demolition work in a systematic manner. Use such methods as required to complete work indicated or required.
      2. Contractor shall first remove gypsum wallboard or plaster from existing walls to be removed, ceiling tiles, gypsum wallboard or plaster from existing ceilings to be removed to allow inspection of existing plumbing, HVAC ducts and other mechanical and electrical items.
         1. After mechanical and electrical items have been uncovered, Contractor shall notify the Owner if there are any questions or if it is unclear as to the future status of these items (i.e. remove, cap or reroute).
      3. Demolish concrete and masonry in small sections. Cut concrete and masonry at junctures with construction to remain using power-driven masonry saw.
      4. Where partitions are designated or required to be removed, remove all doors, frames, relites, equipment and associated mechanical and electrical items. Patch floors, walls, columns, and ceilings to remain where they intersect with walls to be removed. Patch, repair, or infill existing suspended ceiling grids that are designated or required to be removed.
      5. Remove resilient wall base from walls and columns wherever walls intersect areas scheduled to receive new carpet.
      6. Remove existing resilient floor tile and sheet vinyl in areas as indicated or required. Existing adhesive must be completely removed. If existing adhesives were cutback or emulsion type asphalt, grind substrate using concrete or terrazzo grinding machines. After grinding, coat floor area using a latex patching material as recommended by new floor covering manufacturer.
      7. If unanticipated mechanical, electrical or structural elements which conflict with intended function or design are encountered, investigate and measure both nature and extent of the conflict. Submit report to Owner in written, accurate detail. Pending receipt of directive from Owner, rearrange selective demolition schedule as necessary to continue overall job progress without delay.
   4. REMOVALS
      1. Remove debris, rubbish and other materials resulting from demolition operations from building on a daily basis. Transport and legally dispose of material off-site.

**END OF SECTION**