

SECTION 02 41 19

SELECTIVE DEMOLITION

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS

- ◆ Non-Destructive Scanning shall be a pre-requisite to cutting, sawing, or drilling into the elevated deck. The scanning equipment to be used shall be x-ray subject to the approval of the OWNER.
 - The scanning technician shall be thoroughly experienced in the collection, analysis, and presentation of results. Scan the relevant area to reveal the locations of re-bar, conduit, piping, fiber optic cables, or other hidden objects concealed within the slab or other structural elements.
- ◆ Inventory: Submit a list of items to be removed and salvaged and deliver to OWNER prior to start of demolition.
- ◆ Pre-demolition Photographs and Video: Submit before Work begins.
- ◆ Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.
- ◆ CLOSEOUT SUBMITTALS
 - Inventory: Submit a list of items that have been removed and salvaged.
 - Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.
 - Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
 - Hazardous materials will be removed by OWNER before start of the Work.
 - If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and OWNER.
 - Storage or sale of removed items or materials on-site is not permitted.
 - Maintain fire-protection facilities in service during selective demolition operations.
 - Survey of Existing Conditions: Record existing conditions by use of measured drawings preconstruction photographs preconstruction videotapes and templates.
 - Inventory and record the condition of items to be removed and salvaged. Provide photographs or video of conditions that might be misconstrued as damage caused by salvage operations.
 - Before selective demolition or removal of existing building elements that will be reproduced or duplicated in final Work, make permanent record of measurements, materials, and construction details required to make exact reproduction.

PART 2 - PRODUCTS AND MATERIALS

- ◆ SPECIFIC MATERIALS
 - Resilient Floor Coverings: Remove floor coverings and adhesive according to recommendations in RFCI's "Recommended Work Practices for the Removal of Resilient Floor Coverings." Do not use methods requiring solvent-based adhesive strippers.

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PART 3 - EXECUTION

◆ PREPARATION

- Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
 - Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.
 - Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
 - Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
 - Cover and protect furniture, furnishings, and equipment that have not been removed.
 - Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- Reuse of Building Elements: Project has been designed to result in end-of-Project rates for reuse of building elements as follows. Do not demolish building elements beyond what is indicated on Drawings without Architect's approval.
- Removed and Salvaged Items:
 - Clean salvaged items.
 - Pack or crate items after cleaning. Identify contents of containers.
 - Store items in a secure area until delivery to OWNER.
 - Transport items to OWNER's Warehouse.
 - Protect items from damage during transport and storage.

◆ CLEANING

- Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.