

DEMO SECTION

SECTION 01732 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions, apply to this Section.

1.2 SUMMARY

- A. **This Section includes the following for the said roof systems on: Binks Gym, John Morrison Gym, Bldg. 400 and Bldg. 40 [Administration]**

1. **Remove all roofing, insulation and flashings to substrate.**
2. **Remove [e] roof hatches as directed.**
3. **Remove all dead equipment as designated / marked by owner.**
4. **Remove all wood blocking, wood sleepers and dispose of.**
5. **Remove [e] skirt flashings and counterflashings to substrate.**
6. **Retain and store all Dura blocks for re installation.**
7. **Remove Condensing units [2] from Bldg. 40 roof.**
8. **Remove [e] expansion on Morrison @ wall from mid to upper level roofs.**
9. **Remove abandoned lights on Bldg. 40.**
10. **Remove existing gravelstop on Binks and Bldg. 40**
11. **Remove existing coping on Morrison GYM.**

1.3 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site, unless indicated to be removed and salvaged or removed and reinstalled.
- B. Remove and Reinstall: Detach items from existing construction, prepare them for reuse, and reinstall them where indicated.
- C. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

SELECTIVE DEMOLITION

Piedmont Schools 2024 Summer projects

DEMO SECTION

1.4 SUBMITTALS

Regulatory requirements Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

- A. Standards: Comply with ANSI A10.6 and NFPA 241.
- B. Predemolition Conference: Conduct conference at Project site to comply with requirements.

1.5 PROJECT CONDITIONS

- A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
- B. Notify Owner of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- C. Hazardous Materials: Hazardous materials are present in construction to be selectively demolished.
- D. Storage or sale of removed items or materials on-site is not permitted.
- E. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
 - 1. Maintain fire-protection facilities in service during selective demolition operations.

1.6 WARRANTY

- A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that utilities affected by the Work have been disconnected and capped.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.

SELECTIVE DEMOLITION

Piedmont Schools 2024 Summer projects

DEMO SECTION

- D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Owner.
- E. **Survey of Existing Conditions: Record existing conditions by use of preconstruction photographs. Photographs to be taken on or prior to pre construction meeting.**

3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.
 - 1. Comply with requirements for existing services/systems interruptions specified in Summary.
- B. Service/System Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
 - 1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
 - 2. 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.
 - 3. 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.

3.3 PREPARATION

- A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with walks, walkways, and other adjacent occupied and used facilities.

3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
 - 1. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
 - 2. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
 - 3. Dispose of demolished items and materials promptly
- B. Removed and Reinstalled Items:
 - 1. Clean and repair items to functional condition adequate for intended reuse. Paint equipment to match new equipment.
 - 2. Protect items from damage during transport and storage.

SELECTIVE DEMOLITION

Piedmont Schools 2024 Summer projects

DEMO SECTION

3. 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.
- C. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition.

3.5 DEMOLITION PROCEDURES

- A. **Remove [e] roofing, insulation and flashings to substrate.**
- B. **Remove [e] skirt/counterflashing's and flashing metal to substrate.**
- C. **Remove all wood blocking and sleepers.**
- D. **Re- use all rubber Dura Blocks.**
- E. **Remove all equipment as designated by owner and dispose of properly.**
- F. **Remove Condensing units [2] on Bldg. 40**
- G. **Remove abandoned lights on Bldg. 40**
- H. **Remove expansion joint @ Morrison Gym @ wall from mid level to upper level roof.**
- I. **Remove dead or abandoned equipment.**
- J. **Gravelstop on Binks and Bldg. 40.**
- K. **Coping on Morrison Gym.**

3.6 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
 1. Do not allow demolished materials to accumulate on-site.
 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
 3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

SELECTIVE DEMOLITION

Piedmont Schools 2024 Summer projects

DEMO SECTION

3.7 CLEANING

- A. 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.

END OF SECTION 01732