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Design & Construction Standards:
TECHNICAL GUIDELINES

Division 02

02 42 00 Removal and Proprietorship of Salvageable Materials
02 82 00 Asbestos Remediation

FACILITY MANAGEMENT

April 2016

SECTION 02 42 00

REMOVAL AND PROPRIETORSHIP OF SALVAGEABLE MATERIALS

PART 1 GENERAL

1.01 SALVAGEABLE MATERIALS

- A. Documentation of the original condition of materials to be salvaged for the Owner or for reinstallation shall be the responsibility of the Contractor. Undocumented damage shall become the responsibility of the Contractor and the Contractor shall make necessary repairs to these items before delivery to the Owner or reinstallation in the project.
- B. All materials shown to be removed and not indicated to be reinstalled or otherwise salvaged for the Owner become the property of the Contractor. The Contractor shall salvage for his use or dispose of all such material off site in a legal manner.
- C. Where items are indicated to be salvaged for the Owner, those items remain the property of the Owner, the Contractor shall move items to a designated location. Verify exact locations with DPS.
- D. Where items are indicated to be partially salvaged by the Owner, the Contractor shall deliver those items to a designated location for partial salvage by the Owner. After an agreed upon time for Owner salvage has passed, the Contractor shall take possession of remaining materials and remove them from the project site and dispose of them in a legal manner.

PART 2 SCHEDULE OF SALVAGEABLE MATERIALS

Item	Disposition (refer to descriptions)
Sample entry	Remove by Contractor – reuse in final construction
Sample entry	Removal by Owner – Contractor to dispose of surplus material
Sample entry	Disassembly by Contractor – Contractor delivers product to Owner
Sample entry	Disassembly by Contractor – Contractor stores on-site for Owner pick-up.

PART 3 DELIVERY, STORAGE, AND HANDLING

- A. Salvaged materials shall be handled with care and deposited in identified storage areas in an undamaged condition.
- B. Maintain salvaged materials, clean and store and preserve materials in existing condition until reuse, delivery to or collection by Owner, or removal from site by Contractor.

END OF SECTION 02 42 00

SECTION 02 82 00

ASBESTOS REMEDIATION

PART 1 GENERAL

1.01 SUMMARY

- A. Use this Standard when removal of asbestos containing roofing materials is required.
 - 1. Exception: For asphalt-impregnated (built-up) roofing, include notification of materials containing asbestos in the construction documents. No other requirements with regard to asbestos need to be indicated.

1.02 QUALITY ASSURANCE

- A. Contractor shall obtain required permits from State and Local regulatory agencies.
- B. Contractor shall comply with applicable regulations including OSHA, EPA, and CDPHE.

1.03 LIABILITY

- A. Liability assurance: The Contractor shall defend and hold DPS (the Owner) harmless in order to release the Owner from liability relating to the removal of asbestos-containing material.

1.04 WORKER PROTECTION

- A. Each worker shall wear properly fitted protection equipment as required by regulations and as appropriate for the removal operations.
- B. Instruct and train workers in proper use of protective equipment.
- C. Assure that proper protection is provided for workers and the general public during removal operations.

1.05 SEQUENCING/SCHEDULING

- A. Notification: Comply with notifications required by regulatory agencies.
- B. Work by others: Coordinate roofing removal with re-roofing activities to assure that building interiors are not exposed to potential rain damage.

PART 2 MATERIALS No Requirements

PART 3 EXECUTION

3.01 ROOFING REMOVAL

- A. Remove asbestos-containing roofing materials in a manner which limits the amount of abrasion, breakage, etc., to asbestos-containing roofing materials.
- B. Cut and remove roofing materials from areas indicated.
- C. Disposal:
 - 1. Place asbestos-containing materials in approved containers and transport to approved disposal sites.
 - 2. Dispose of asbestos-containing roofing materials per all applicable federal, state and local regulatory requirements for disposal.
 - 3. Disposal shall be made at an approved non-friable waste disposal site.
 - 4. Waste manifests shall be delivered to DPS Environmental Services, which documents proper waste disposal.
- D. Site protection:
 - 1. Cease removal of roofing in advance of anticipated precipitation. Allow sufficient time for re-roofing and or temporary roofing to be applied so that the building will be watertight.

2. For the protection of ground-level site components from asbestos contamination, the Contractor shall lay sheets of polyethylene on the ground around the building at locations where asbestos-containing roof materials could spill over onto the site.
3. Upon completion of asbestos roofing removal, dispose of these polyethylene sheets in the same manner as asbestos roofing materials.

END OF SECTION 02 82 00