

SECTION A - A'
(typical at exhaust locations)
N.T.S.

ASBESTOS ABATEMENT - FIRST FLOOR WORK AREA PLAN
N.T.S.

NOTES

General Notes:

1. No activities shall be performed in asbestos abatement work areas (room nos. C1-23-01 and 2B-258) until asbestos abatement is complete.
2. Although disturbance of the building's exterior soffit finish materials (located between the ground floor and first floor levels) is not anticipated, it should be noted that these materials have not been tested for asbestos content. As a result, these materials shall be assumed to be asbestos-containing and treated as such until appropriate testing proves otherwise.

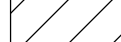
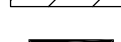


Asbestos Abatement Notes:

1. Prepare work areas (room nos. C1-23-01 and 2B-258) and remove and dispose of removed materials in accordance with Sections 02 82 11 and 02 82 13.19 of the project specifications. All asbestos abatement activities shall be performed by a State of Florida licensed Asbestos Abatement Contractor in accordance with applicable EPA, OSHA and State of Florida regulations. Coordinate sequencing of the work with both the General Contractor and the VA representative.
2. Scope of asbestos abatement within all work areas shall include the removal and disposal of structural fireproofing and fireproofing overspray. Scope of asbestos abatement within room no. C1-23-01 will also include the removal and disposal of floor tiles and associated adhesive mastics.
3. Scope of asbestos removal within all work areas shall also include the demolition and disposal of suspended ceiling system materials (consisting of metal grid and suspended tiles) and any thermal systems insulation present. All removed materials shall be treated and disposed of as asbestos-contaminated.
4. Scope of asbestos abatement will also include the construction and subsequent removal of approximately 40 "mini-enclosure" containments within ground floor areas (corridors CO-07-1, CO-01-1, CO-01B-1, CO-02-1 and CO-03-1, and computer room GB-026 - reference project drawing sheet ES100). The contractor will be responsible for the removal of between one and two square feet of asbestos-containing structural fireproofing from the deck above within each of these containments, with precise locations to be verified during the course of the project. These containments are also used by other trades to temporarily access above-ceiling areas to facilitate electrical wiring installation following fireproofing abatement. These trade representatives will possess the appropriate OSHA Class III asbestos training in accordance with the requirements of the facility's existing operations and maintenance program. Unless otherwise directed by the VA representative, the Contractor shall be responsible for maintaining these enclosures during use, including but not necessarily limited to maintaining negative pressure, supplying protective clothing, and conducting all related cleaning and disposal activities following use. Coordinate all mini-enclosure containment activities closely with both the General Contractor and the VA representative.
5. Contractor shall exhaust negative pressure filtration systems to the building exterior through window systems located along the west perimeter of the work areas, protecting the building envelope from water intrusion at these locations for the duration of the project (see detail this sheet). Remove window assembly at each exhaust location and temporarily replace with plywood barrier (with waterproof paint coating) and caulk all edges, seams and penetrations to ensure a watertight assembly. Contractor shall reinstall original window assemblies in a watertight condition to match existing conditions following the completion of abatement activities. Contractor shall be responsible for damages to existing window assemblies and shall coordinate window removal, building envelope protection measures and window reinstallation closely with both the General Contractor and the VA representative. It should also be noted that negative pressure filtration systems may need to remain in place for use by other trades following asbestos abatement. Coordinate closely with both the General Contractor and the VA representative for removal sequencing of these systems.

ASBESTOS ABATEMENT - SECOND FLOOR WORK AREA PLAN

6. Install critical barriers in accordance with Sections 02 82 11 and 02 82 13.19 of the project specifications, sealing all HVAC ductwork passing into or through the work areas. Maintain fire exits and fire protection systems throughout the work areas in a manner satisfactory to both the VA representative and local fire officials.
7. Following installation of critical barriers, install decontamination facilities and primary and secondary containment barriers as set forth in Sections 02 82 11 and 02 82 13.19 of the project specifications. Decontamination unit(s) shall be constructed to withstand the load of workers, equipment and debris, utilizing pre-engineered scaffold systems or field fabricated construction in accordance with applicable OSHA regulations. Decontamination unit(s) shall be covered on top and sides with wood sheathing and protected to be watertight. Submit drawings of proposed decontamination unit(s), signed and sealed by a State of Florida licensed professional engineer, to VA representative for review and approval prior to initiating construction.
8. Establish negative pressure within the work areas as set forth in Sections 02 82 11 and 02 82 13.19 of the project specifications.
9. Demolish suspended ceiling systems within work areas. Decontaminate and properly dispose of existing light fixtures, lamps and ballasts. Contractor shall be responsible for the identification, manifesting, removal and proper disposal or recycling of PCB ballasts and mercury containing lamps.
10. Following demolition of suspended ceiling systems, the Contractor shall install additional critical barriers as necessary in order to maintain specified negative pressure levels within the work areas. Following installation of additional critical barriers and successful inspection of all preparations by the VPIH/CIH, Contractor may proceed with asbestos removal.
11. All removal of abatement related debris and materials from containment areas shall occur after normal business hours (as defined by the VA) using the route(s) designated on the Project Deliveries Routing Plan (reference project drawing sheet S001). Coordinate these activities closely with both the General Contractor and the VA representative.
12. Following removal, subsequent cleaning sequence, and successful inspection and pre-clearance air sampling by the VPIH/CIH, the Contractor shall encapsulate exposed surfaces within the work areas as set forth in Sections 02 82 11 and 02 82 13.19 of the project specifications. Encapsulant shall be applied in accordance with manufacturer's instructions and shall be compatible with all specified replacement materials on this project, including structural fireproofing materials.
13. Following work area encapsulation and subsequent drying period, the VPIH/CIH shall conduct air clearance testing as set forth in Sections 02 82 11 and 02 82 13.19 of the project specifications. The VA will provide initial air clearance testing. Contractor shall be responsible for all costs for follow-up testing (including, but not necessarily limited to costs associated with sample collection, shipping and laboratory analysis fees) required due to Contractor's failure to meet specified clearance criteria.
14. Following completion of asbestos abatement activities, and following removal of the decontamination unit, the Contractor shall properly remove any remaining asbestos-containing floor tile and adhesive mastic materials. Remaining areas of asbestos-containing flooring materials shall be abated, encapsulated and shall have air clearance testing conducted in accordance with Section 02 82 13.19 of the project specifications.
15. All conditions as described herein have been prepared based on site observations. While this information is believed to accurately reflect existing conditions, the VA, Architect or Engineer cannot assure its accuracy. Contractor shall field verify actual configurations, dimensions, and existing conditions. A bid submittal shall constitute confirmation that the Contractor has visited the property and obtained and/or verified all information, including material quantities, as may be required to prepare the bid.

LEGEND

- | | |
|---|---|
|  | ASBESTOS ABATEMENT WORK AREA(S) |
|  | DECONTAMINATION UNIT LOCATION - SEE NOTE NO. 7 |
|  | NEGATIVE PRESSURE FILTRATION SYSTEM
EXHAUST LOCATION - SEE NOTE NO. 5 AND
DETAIL THIS SHEET |
|  | EXTERIOR SOFFIT BETWEEN GROUND FLOOR AND
FIRST FLOOR (ASSUMED ACM - SEE GENERAL NOTE
NO. 2) |

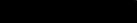
REVISION	DATE
65% SUBMITTAL	02/19/11
95% SUBMITTAL	03/29/11
100% SUBMITTAL	04/13/11
CONSTRUCTION SET	05/02/11
MEDICAL EQUIPMENT AND INTERIOR DESIGN REVISIONS	04/18/12

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title ASBESTOS ABATEMENT	Project Title SPECIALTY TREATMENT EXPANSION PROJECT- BUILDING #1			Project Number 673-CS1-100	Office of Construction and Facilities Management
				Building Number 1	
Approved Project Director	Location JAMES A. HALEY VETERANS' HOSPITAL			Drawing Number AA001	 Department of Veterans Affairs
	Date 04/18/12	Checked BBB	Drawn JLP	Dwg. ____ of ____	

Office of
Construction
and Facilities
Management



04-18-12 MEDICAL EQUIPMENT AND INTERIOR DESIGN REVISIONS