

Jeff Hickey
363-3224

**SECTION 02070
SELECTIVE DEMOLITION**

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes:
 1. Demolition and removal of portions of building or structures.
 2. Required demolition as indicated on the drawings and as described herein.
- B. Related Sections:
 1. Construction procedures for cutting and patching: Division 1.
 2. Asbestos information: Section: 01801.
 3. Roofing removal: Division 7.
 4. Cutting and patching for mechanical items: Division 15.
 5. Cutting and patching for electrical items: Division 16.
 6. Asbestos Information: Section 01801.

1.02 PROJECT CONDITIONS

- A. Occupancy:
 1. The owner will continue to occupy portions of the existing building.
 2. Traffic: Conduct selective demolition operations and debris removal in a manner to ensure minimum interference with roads, streets, and other adjacent occupied or used facilities.
 - a. Do not close, block or otherwise obstruct streets, walks or other occupied or used facilities without permission from authorities having jurisdiction. Provide alternate route(s) around closed or obstructed traffic ways if required by governing regulations.
- B. Existing Conditions:
 1. After the project is begun, the contractor is responsible for the condition of structures to be demolished. The owner does not warrant that the condition of structures to be demolished will not have changed since the time of inspection for bidding purposes.
 2. The owner reserves the right to remove and salvage portions of the structure prior to the start of demolition.
- C. Asbestos:
 1. It is known that asbestos is present in the existing construction.
 2. A report on the presence of asbestos is included in Section 01801.
 3. Currently existing asbestos will be abated as part of the project.
 4. Abatement of asbestos is specified elsewhere.
 5. Do not disturb any asbestos-containing material or any material suspected of containing asbestos except under the procedures specified elsewhere in the contract documents.
- D. Unforeseen Conditions: Should unforeseen conditions be encountered that affect design or function of project, investigate fully and submit an accurate, detailed, written report to the Architect. While awaiting the Architect's response, reschedule operations if necessary to avoid delay of overall project.

1.04 SEQUENCING AND SCHEDULING

- A. Arrange schedule so as not to interfere with the owner's operations.
- B. Maintain electrical and communication systems to occupied portions of the building

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that utilities have been disconnected and sealed.
- B. Survey existing conditions and correlate with drawings and specifications to determine extent of demolition required.
- C. Insofar as is practicable, arrange operations to reveal unknown or concealed structural conditions for examination and verification before removal or demolition.
- D. Verify actual conditions to determine in advance whether removal or demolition of any element will result in structural deficiency, overloading, failure, or unplanned collapse.

3.02 PREPARATION

- A. Traffic: Do not obstruct walks or public ways without the written permission of governing authorities and of the owner. Where routes are permitted to be closed, provide alternate routes if required.
- B. Protection:
 - 1. Provide for the protection of persons passing around or through the area of demolition.
 - 2. Perform demolition so as to prevent damage to adjacent improvements and facilities to remain.
 - 3. Provide protective measures to ensure free and safe passage of persons to and from occupied areas.
 - 4. Erect temporary protection such as walks, fences, railings, canopies, etc., where required by authorities having jurisdiction.
 - 5. Protect walls, floors, and other new or existing work from damage during demolition operations.
- C. Temporary Partitions:
 - 1. Provide substantial construction designed by the contractor to provide effective protection as required.
 - a. Exterior closures: Weatherproof, constructed to prevent water leakage, insulated to prevent excessive heat loss or gain to occupied areas, and sealed to prevent excessive air filtration.
 - b. Interior closures: Isolate demolition operations from other areas. Seal joints and perimeter (including doors) against passage of dust and dirt. Insulate to provide noise protection to occupied areas.
 - 2. Construct temporary partitions in a manner at least equal to the following (or superior, if necessary to provide effective protection specified):
 - a. Wood studs covered with plywood sheathing.
 - b. Gypsum-board surfaces adjacent to occupied areas, with joints taped.
 - 3. Equip partitions with doors where access is required.
- D. Structural Support:
 - 1. Construct and maintain shoring, bracing, and supports as necessary to ensure the stability of structures.
 - 2. Increase or add new supports as required by the progress of the work.
- E. Damages: Without cost to the owner and without delay, repair any damages caused to facilities to remain.

3.03 UTILITY SERVICES

- A. No interruption of utilities will be permitted.
 - 1. Provide temporary utilities when existing utilities are interrupted.

3.04 EXPLOSIVES

- A. Do not use explosives.

3.05 POLLUTION CONTROLS

- A. Control as much as practicable the spread of dust and dirt.
- B. Observe environmental protection regulations.
- C. Do not allow water usage that results in freezing or flooding.
- D. Do not allow adjacent improvements to remain to become soiled by demolition operations.

3.06 DEMOLITION - GENERAL

- A. Remove: Unless items are otherwise indicated to be reinstalled or salvaged, remove and scrap.
- B. Remove and Salvage: Items indicated to be salvaged will remain the owner's property. Carefully remove and clean items indicated to be salvaged; pack or crate to protect against damage; identify contents of containers; deliver to the locations indicated.
- C. Remove and Scrap: Remove and dispose of items indicated.
 - 1. All demolished or removed items and materials shall be considered scrap except for those indicated to remain, those indicated to be reinstalled, and those indicated to be salvaged.
 - 2. Items of value to the contractor:
 - a. The contractor may provide for temporary storage on site, if approved by the Owner.
 - b. Remove all items from site when requested by the Architect or the Owner.
 - c. On-site sale of removed items is prohibited.
- D. Existing to Remain: Construction or items indicated to remain shall be protected against damage during demolition operations. Where practicable, and with the Architect's permission, the contractor may elect to remove items to a suitable storage location during demolition and then properly clean and reinstall the items.
- E. Perform work in a systematic manner.
- F. Demolish and remove existing construction only to the extent required by new construction.
- G. Remove debris daily.
- H. Masonry: Detach masonry to be demolished from adjoining construction to remain with power-driven masonry saws or hand tools.
- I. Use any methods permitted by governing regulations and the requirements of the contract documents.

3.07 DEMOLITION ON OR BELOW GRADE

- A. Where portions of concrete slabs-on-grade are to be removed, first outline the portion with a concrete saw to a depth of at least 1 inch.
- B. Remove concrete slabs-on-grade where indicated or required.
- C. Completely remove below-grade construction, including foundations and footings.
- D. Concrete structure above grade will be saw-cut. (Do not jackhammer and or chip slab) Slab edge will be clean and smooth (after demolition) and ready to receive new fascia structure without additional cleaning and patching.

3.08 FILLING BELOW-GRADE AREAS AND VOIDS

- A. Completely fill below-grade areas and voids resulting from demolition of structures.
- B. Use only clean, non-frozen, and approved soil material, stone, gravel, or sand that is free from deleterious materials.
- C. Do not place fill on saturated or frozen grade, frost, or deleterious material.
- D. Place fill materials in 6 inch loose lifts and compact at optimum moisture content to original density of adjacent ground.
- E. Grade completed surface to drain and to meet adjacent contours.

3.09 DISPOSAL OF DEMOLISHED MATERIALS

- A. Promptly dispose of materials resulting from demolition operations. Do not allow materials to accumulate on site.
- B. Transport materials resulting from demolition operations and legally dispose of off-site.
- C. Do not burn removed materials on project site.
- D. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.

3.10 CLEANING

- A. Remove tools and equipment. Dispose of scrap.
- B. Broom clean interior areas.
- C. Leave exterior areas free of debris.
- D. Clean soil, smudges, and dust from surfaces to remain.
- E. Return structures and surfaces to remain to condition existing prior to commencement of demolition.

END OF SECTION 02070

**SECTION 01801
ASBESTOS INFORMATION**

PART 1 - GENERAL

1.01 SCOPE

- A. Work shall include all materials and labor necessary to determine extent of asbestos and removal of such asbestos relative to work in this Contract. This project does include the removal of asbestos.

1.02 ASBESTOS REPORT

- A. The following Asbestos Report is included in its entirety as information for Bidders in the preparation of their Bid Proposals and for any subsequent construction that may involve asbestos materials.

PART 2 - PRODUCTS

2.01 USE OF ASBESTOS PRODUCTS

- A. Contractor shall not use any new product on this project containing any asbestos materials. Any such new materials found on the project shall be completely removed by the Contractor in the manner prescribed by current regulations, at no additional expense to the Owner.

PART 3 - EXECUTION

3.01 SITE EXAMINATION

- A. Contractor shall examine this Asbestos Report and thoroughly check construction site to determine if any of the construction operations required by this project will involve asbestos material.

3.02 NOTIFICATION

- A. Contractor shall furnish a letter, on his official letterhead, stating that he has read this report and that he has visited the site and that:
 - 1. That he has found that this work will involve disturbing asbestos materials.

- B. This letter shall be furnished by the apparent low bidder within seven (7) days of the bid Opening.
- C. If the apparent low bidder finds that the work will involve asbestos materials, his letter shall state the location and extent of the asbestos involved.
- D. The Unit Costs provided on the bid Proposal Form are only for asbestos removal identified during construction which could not be reasonably foreseen prior to bidding.

3.03 VINYL ASBESTOS TILE

- A. Any Existing Vinyl Asbestos Tile (VAT) that must be removed during renovation will be removed by the Contractor.

3.04 ASBESTOS IN ROOFING

- A. Any existing asbestos containing roofing materials as indicated in the Asbestos Report that must be removed during renovation will be removed by the Contractor.

END OF SECTION 01801

WHITAKER LABORATORY INC.

P.O. BOX 7081

SAVANNAH, GEORGIA 31418

FAX 912/233-5061

2500 TREMONT RD.

912/234-0696

Report No. 12/10/98-51

Client: Bazemore Mastrianni Wilson & Assoc.

Job: Coastal Center for Developmental Services

Phase 1 - Renovate Offices

Results of a survey for asbestos containing building materials conducted on December 7, 1998. The survey was conducted by Clark Jones of Whitaker Laboratory.

During the inspection, Mr. Jones identified five materials that had the potential to contain asbestos. These materials were sampled and marked as follows:

1. Valve insulation, typical for hot water line valves, tees, etc.
2. Ceiling texture - typical throughout
3. Ceiling Tile - classrooms typical
4. Pipe Insulation - Typical
5. Floor Tile - Typical

Respectfully submitted,

WHITAKER LABORATORY, INC.

J. M. Whitaker

WHITAKER LABORATORY INC.

P.O. BOX 7081

SAVANNAH, GEORGIA 31418

FAX 912/233-5061

2500 TREMONT RD.

912/234-0696

Gross Sample Appearance: #1 Tan White Insulation

ASBESTOS FIBERS*

Chrysotile: _____
Amosite: 15% _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: _____
Mineral Wool: _____
Cellulose: _____
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: _____
Vermiculite: _____
Aggregate: _____
Bitumen: _____

OTHERS*

Binders: 85% _____

COMMENTS: Friable

(*Percent by volume visually estimated.)

Gross Sample Appearance: #2 White - Spray on Ceiling Texture

ASBESTOS FIBERS*

Chrysotile: _____
Amosite: _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: _____
Mineral Wool: _____
Cellulose: _____
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: _____
Vermiculite: 20% _____
Aggregate: _____
Bitumen: _____

OTHERS*

Binders: 80% _____

COMMENTS:

(*Percent by volume visually estimated.)

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SAVANNAH, GEORGIA 31418

FAX 912/233-5061

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912/234-0696

Gross Sample Appearance: #3 Ceiling Tile - White Face

ASBESTOS FIBERS*

Chrysotile: _____
Amosite: _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: _____
Mineral Wool: 20%
Cellulose: 40%
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: 20%
Vermiculite: _____
Aggregate: _____
Bitumen: _____

OTHERS*

Binders: 20%

COMMENTS: _____

(*Percent by volume visually estimated.)

Gross Sample Appearance: #4 Pipe Insulation - Yellow

ASBESTOS FIBERS*

Chrysotile: _____
Amosite: _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: 100%
Mineral Wool: _____
Cellulose: _____
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: _____
Vermiculite: _____
Aggregate: _____
Bitumen: _____

OTHERS*

Binders: _____

COMMENTS: _____

(*Percent by volume visually estimated.)

WHITAKER LABORATORY INC.

P.O BOX 7081

SAVANNAH, GEORGIA 31418

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FAX 912/233-5061

912/234-0696

Gross Sample Appearance: 5A Floor Tile - Tannish

ASBESTOS FIBERS*

Chrysotile: _____
Amosite: _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: _____
Mineral Wool: _____
Cellulose: _____
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: _____
Vermiculite: _____
Aggregate: 65%
Bitumen: _____

OTHERS*

Binders: 35%

COMMENTS: _____

(*Percent by volume visually estimated.)

Gross Sample Appearance: 5B - Black Tile Mastic

ASBESTOS FIBERS*

Chrysotile: 15%
Amosite: _____
Crocidolite: _____
Actinolite: _____
Tremolite: _____
Anthophyllite: _____

NON-ASBESTOS FIBERS*

Glass Fibers: _____
Mineral Wool: _____
Cellulose: _____
Animal Hair: _____
Synthetics: _____
Wollastonite: _____

NON-FIBROUS MATERIALS*

Perlite: _____
Vermiculite: _____
Aggregate: _____
Bitumen: 85%

OTHERS*

Binders: _____

COMMENTS: Non-Friable

(*Percent by volume visually estimated.)

WHITAKER LABORATORY INC.

PO BOX 7081

SAVANNAH, GEORGIA 31418

FAX 912/233-6061

2500 TREMONT RD.

912/234-0696

December 22, 1998

Bazemore Mastrianni Wilson & Assoc.
Village Square, Suite 106
2250 E. Victory Drive
Savannah, GA 31404

Attn: Walt Bazemore

Re: Old Juvenile Detention center

Dear Walt:

Attached is the assessment report for the lead paint inspection that was performed on 12/14/98.

Note that of 95 readings, six were found to be in excess of 0.5%. Anything over 0.5% is considered to be lead based paint and will require abatement before any renovation.

If you have any questions, please call.

Respectfully submitted,
WHITAKER LABORATORY, INC.

J. M. Whitaker

ec-21-98 11:59P air safe environmental

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P.01



PO Box 61144 • Savannah, GA 31420 • Telephone (912) 920-7715 • Fax (912) 920-7715

LEAD-BASED PAINT RISK ASSESSMENT / INSPECTION REPORT

FOR THE DWELLING LOCATED AT:

**OLD JUVENILE DETENTION CENTER
EISENHOWER DRIVE
SAVANNAH, GA**

PREPARED FOR:

**MR. JOSEPH WHITAKER, SR.
WHITAKER LABORATORIES, INC.
2500 TREMONT ROAD
SAVANNAH, GA 31405**

BY:

**ROBERT G. KOSCIELNIAK, CERTIFIED INSPECTOR / RISK ASSESSOR
AIR SAFE ENVIRONMENTAL, INC.
P. O. BOX 61144
SAVANNAH, GA 31420
912-920-7715**

GA LICENSE NUMBER: 03-0799-080

RISK ASSESSMENT / INSPECTION PERFORMED ON: DECEMBER 14, 1998

Dec-21-98 11:59P air safe environmental

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PO Box 61144 • Savannah, GA 31420 • Telephone (912) 920-7715 • Fax (912) 920-7725

December 22, 1998

Mr. Joseph Whitaker
 Whitaker Laboratories, Inc.
 2500 Tremont Road
 Savannah, GA 31405

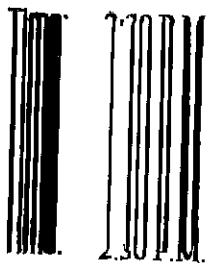
Subject: Lead Based Paint Risk Assessment / Inspection Report
 Old Juvenile Detention Center-Eisenhower Drive-Savannah, GA
 Air Safe Project #242-98

Mr. Whitaker:

ACTION INSULATION CO., INC.
 P. O. BOX 4073
 PT. WENTWORTH, GA 31407
 PHONE: (912) 964-2332
 FAX: (912) 964-4367

facsimile transmittal

To: JEFF DARLEY	Fax: 353-3234
From: GARY BRAZELL	Date: 3/16/01
Re: INFO	Pages: 17



Cc:

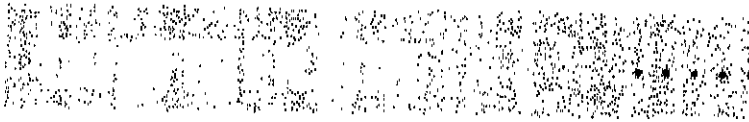
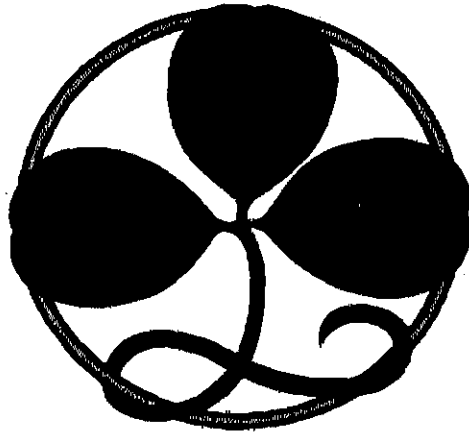
Urgent

For Review

Please Comment

Please Reply

Please Recycle



Dec-21-98 11:59P air safe environmental

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**Lead Based Paint Risk Assessment / Inspection Results
Old Juvenile Detention Center, Eisenhower Drive, Savannah, GA
Air Safe Project #242-98**

SUMMARY

On December 14, 1998; Air Safe Environmental, Inc. performed a Lead Based Paint Risk Assessment / Inspection at the Old Juvenile Detention Center located on Eisenhower Drive in Savannah, GA. This report is prepared for Mr. Joseph Whitaker, Sr., representative for the owner. The risk assessment / inspection was performed by Robert Koscielniak, a Certified Risk Assessor / Inspector Georgia License #03-0799-080.

Based on the paint surface analysis for lead based paint, 6 of the 95 paints analyzed at the Old Juvenile Detention Center, located on Eisenhower Drive, Savannah, GA; were reported as above the EPA and HUD regulated limits for paint.

According to the risk assessment / inspection; this dwelling cannot be considered lead safe for occupancy by children twelve or under and will require some type of action or interim controls.

