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AHERA 3 YEAR REINSPECTION

**BOLTON NOTCH MUNICIPAL CENTER
222 BOLTON CENTER ROAD
BOLTON, CONNECTICUT**

Prepared for

**TOWN OF BOLTON
222 BOLTON CENTER ROAD
BOLTON, CONNECTICUT 06043**

Prepared by

**ATC ASSOCIATES INC.
290 ROBERTS STREET, SUITE 204
EAST HARTFORD, CONNECTICUT 06108**

MAY 3, 1999

Town of Bolton - Building Included in Reinspection

Bolton Notch Municipal Center - formerly Bolton Center School

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1.0 Executive Summary

ATC Associates Inc. (ATC) was retained by the Town of Bolton to perform a Reinspection as required by the Asbestos Hazard Emergency Response Act (AHERA) for all buildings the Town of Bolton owns, leases, or otherwise uses as a school building. The objectives of the reinspection are to re-assess previously identified asbestos-containing building materials (ACBM), to identify and assess previously unidentified suspect ACBM, and to review/audit the Asbestos Management Plan.

The reinspection was performed as a walk-through visual inspection and physical inspection touching the ACBM to assess friability. All suspect ACBM not sampled or identified in previous inspection reports were assumed asbestos containing. Exploratory demolition and bulk sampling was not performed as part of the reinspection.

Reinspection was conducted on May 3, 1999, for the Bolton Notch Municipal Center, formerly Bolton Center School. Half of this building houses the King School, a privately run institution not associated with the Town of Bolton. The other half of the building has been recently renovated and houses the Town of Bolton Senior Center.

A notification of completion of the 3-Year Reinspection is required to be signed by the Inspector, Management Planner, and LEA Designated Person and sent to the State of Connecticut Department of Health with a copy to be enclosed in the Asbestos Management Plan.

2.0 Summary of Findings

The Bolton Notch Municipal Center is presently used as a non-public school, office, storage, and Senior Center. The 1999 AHERA Reinspection included only the half of the school presently used as a school building. An audit of the management plan was not conducted as the management plan was not available at the time of reinspection.

The Bolton Notch Municipal Center:

The walk-through reinspection of The Bolton Notch Municipal Center resulted in the discovery of newly identified suspect ACBM. The following suspect ACBM were identified during the reinspection: cove base/mastic, window caulking/glazing and fire doors. Locations of newly identified suspect ACBM are detailed in the Reinspection Forms, Section 3.1.1 for The Bolton Notch Municipal Center.

It was indicated by Ray Boyd, Bolton Board of Education, that boiler, boiler breeching, and hot water tank insulation located in the boiler room was removed in 1986 and replaced with non-asbestos material. Documentation was not available concerning the project and sampling may be required to confirm the materials are non-asbestos if documentation is not available. The material must be assumed to contain asbestos until documentation or test results prove otherwise.

All remaining ACBM and suspect ACBM, with the exception of boiler, boiler breeching, and hot water tank insulation, remains intact and non-friable. Management Planner Recommended Response Actions are detailed in Management Planner Recommendations, Section 3.1.2 for The Bolton Notch Municipal Center.

3.0 Reinspection Results

3.1 The Bolton Notch Municipal Center

3.1.1 The Bolton Notch Municipal Center Reinspection Forms

3.1.1 REINSPECTION FORM: PREVIOUSLY IDENTIFIED ACBM

School: The Bolton Notch Municipal Center Building: The Bolton Notch Municipal Center

Dates(s) of Original Inspection: March 21, 1990

Date(s) of Reinspection: July 1992, April 30, 1996 and May 3, 1999

Homogeneous Sampling Area		Material Category	Asbestos Content	Friability/Footage	AHERA assessment category	Recorded Locations/assessment category	Response Action taken/renovations/other comments
ID Number	Material Description						
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 100 SF	6	Custodial storage across from Room #18.	Floor tile is brittle and popping up from substrate.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 30 SF	6	General Supply room.	Floor tile is cracked and loose in designated area.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 3 SF	6	South Wing: south entrance.	Floor tile is cracked and loose in designated area.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 3 SF	6	Room #4.	Floor tile is cracked and loose in designated area.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 12 SF	6	Room #6.	Floor tile is cracked and loose in designated area.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 18,000 SF	5	Room #1-19, 21, 22, corridors, Phys. Ed., Music and Art Room, Super. Office, Business Office, A.V. Room, General Supply.	Floor tile is intact with no damage noted in designated areas. Floor tile is covered by carpeting in Room #9, Supervisor and Business Offices and corridor/entry by Business Offices

Friability: F = friable, NF = non-friable, X = not applicable (material is non-ACBM)
 Footage: SF = square feet, LF = linear feet

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or Significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM

NOTE: Room Numbers used in the reinspection form are according to the diagram.

3.1.1 REINSPECTION FORM: PREVIOUSLY IDENTIFIED ACBM

School: The Bolton Notch Municipal Center Building: The Bolton Notch Municipal Center

Dates(s) of Original Inspection: March 21, 1990

Date(s) of Reinspection: July 1992, April 30, 1996 and May 3, 1999

Homogeneous Sampling Area		Material Category	Asbestos Content	Friability/Footage	AHERA assessment category	Recorded Locations/assessment category	Response Action taken/renovations/other comments
ID Number	Material Description						
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 3 SF	5	Room #13, entrance.	Floor tile is worn at entrance.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 3 SF	5	Room #12 heater location.	Floor tile is damaged at heater.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 8 SF	5	Room #22	Floor tile is damaged entrance and exit.
None	Floor Tile/Mastic	MISC	Assumed 1990	NF/ 4 SF	5	Room #21.	Floor tile is damaged at exit.
None	Interior Transite Paneling	MISC	Assumed 1990	NF/ 250 SF	5	Room #7, 8, 9, 10, 11, Boys' Lavatory, Business Office.	No change in condition. Transite paneling is intact underneath windows.
None	Exterior Transite Paneling	MISC	Assumed 1990	NF/ 420 SF	5	Soffit on north wing.	Change in estimated footage from 220 SF to 420 SF. No change in condition. Transite paneling is intact.

Friability: F = friable, NF = non-friable, X = not applicable (material is non-ACBM)
 Footage: SF = square feet, LF = linear feet

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or Significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM

NOTE: Room Numbers used in the reinspection form are according to the diagram.

3.1.1 REINSPECTION FORM: PREVIOUSLY IDENTIFIED ACBM

School: The Bolton Notch Municipal Center Building: The Bolton Notch Municipal Center

Dates(s) of Original Inspection: March 21, 1990

Date(s) of Reinspection: July 1992, April 30, 1996 and May 3, 1999

Homogeneous Sampling Area		Material Category	Asbestos Content	Friability/ Footage	AHERA assessment category	Recorded Locations/ assessment category	Response Action taken/renovations/other comments
ID Number	Material Description						
None	Ceiling Plaster- Textured	SURF	Assumed 1996	NF/ 700 SF	5	Boiler room, room south of boiler room.	Material is non-friable, in good condition, and identified during 1996 reinspection.
None	Transite Panel	MISC	Assumed 1996	NF/ 6 SF	5	Room south of boiler room.	Material is non-friable, in good condition, and identified during 1996 reinspection.
None	Wall Patch Compound.	MISC	Assumed 1996	NF/ 6 SF	5	Storage southeast of Room #19 and adjacent hallway.	Material is non-friable, in good condition, and identified during 1996 reinspection.
None	Skim Coat Plaster on Masonry Walls	SURF	Assumed 1996	NF/ 3,600 SF	5	Room #1, 2, 3, 4, 5, 6.	Material is non-friable, in good condition, and identified during 1996 reinspection.
None	Ceiling Plaster - Smooth	SURF	Assumed 1996	NF/ 20 SF	5	Custodial closet adjacent to Room #5.	Material is non-friable, in good condition, and identified during 1996 reinspection.
None	Exterior Transite	MISC	Assumed 1996	NF/ 200 SF	5	Porticos (2) on east side exterior.	Material is non-friable, in good condition, and identified during 1996 reinspection.

Friability: F = friable, NF = non-friable, X = not applicable (material is non-ACBM)
Footage: SF = square feet, LF = linear feet

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or Significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM

NOTE: Room Numbers used in the reinspection form are according to the diagram.

3.1.1 REINSPECTION FORM: PREVIOUSLY IDENTIFIED ACBM

School: The Bolton Notch Municipal Center Building: The Bolton Notch Municipal Center

Dates(s) of Original Inspection: March 21, 1990

Date(s) of Reinspection: July 1992, April 30, 1996 and May 3, 1999

Homogeneous Sampling Area		Material Category	Asbestos Content	Friability/Footage	AHERA assessment category	Recorded Locations/assessment category	Response Action taken/renovations/other comments
ID Number	Material Description						
None	Exterior Transite	MISC	Assumed 1996	NF/ 200 SF	5	Portico on west side main entrance.	Material was inaccessible, non-friable, in good condition, and identified during 1996 reinspection.
None	Ceiling Plaster - Exterior/Textured	SURF	Assumed 1996	NF/ 90 SF	5	South wing - southwest portico.	Material is non-friable, in good condition, and identified during 1996 reinspection.

Friability: F = friable, NF = non-friable, X = not applicable (material is non-ACBM)
 Footage: SF = square feet, LF = linear feet

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or Significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM

NOTE: Room Numbers used in the reinspection form are according to the diagram.

3.1.1 REINSPECTION FORM: PREVIOUSLY UNIDENTIFIED ACBM

School: The Bolton Notch Municipal Center Building: The Bolton Notch Municipal Center

Dates(s) of Original Inspection: March 21, 1990

Date(s) of Reinspection: July 1992, April 30, 1996 and May 3, 1999

Homogeneous Sampling Area		Material Category	Asbestos Content	Friability/ Footage	AHERA assessment category	Recorded Locations/ assessment category	Response Action taken/renovations/other comments
ID Number	Material Description						
None	Carpet mastic	MISC	Assumed in 1999	NF/ 1800 SF	5	Library and adjacent office, former Supt. Office and Supt. Secretary Office (present State Police Offices)	Material is non-friable, in good condition, and identified during the 1999 reinspection
None	Window caulking/glazing	MISC	Assumed 1999	NF/ 2000 LF	5	Around all exterior windows on the side of the building used as a school/storage area	Material is non-friable, in good condition, and identified during 1999 reinspection.
None	Cove base and mastic	MISC	Assumed 1999	NF/ 3,200 LF	5	Located at floor level in classrooms, hallways, offices and storage areas	Material is non-friable, in good condition, and identified during 1999 reinspection.
None	Fire Doors	MISC	Assumed 1999	NF/ Unknown	5	All doors throughout the school/storage area	The doors should be sampled before a renovation or demolition project. The material is inaccessible and identified during the 1999 reinspection.

Friability: F = friable, NF = non-friable, X = not applicable (material is non-ACBM)
Footage: SF = square feet, LF = linear feet

AHERA assessment category: 1 = Damaged or significantly damaged TSI ACBM, 2 = Damaged friable surfacing ACBM, 3 = Significantly damaged friable surfacing ACBM, 4 = Damaged or Significantly damaged friable miscellaneous ACBM, 5 = ACBM with potential for damage, 6 = ACBM with potential for significant damage, 7 = Any remaining friable ACBM or friable suspected ACBM

NOTE: Room Numbers used in the reinspection form are according to the diagram.

3.1.2 The Bolton Notch Municipal Center- Management Planner Recommendations

A. Recommended Response Actions

1. Removal:
Floor tile/mastic is recommended for removal due to spot damage in:
Custodial Storage across from Room #18 - 100 SF,
General Supply Room - 30 SF,
South Wing, south entrance - 3 SF,
Room #4 - 3 SF,
Room #6 - 12 SF,
Room #22 - 8 SF
Room #21 - 4 SF

2. Repair:
Not Applicable

3. Enclosure:
Not Applicable

4. Encapsulation:
Not Applicable

5. Operations & Maintenance:

All remaining asbestos containing building materials detailed in the Reinspection Forms shall be placed in an Operations and Maintenance Program. The condition of such materials will be maintained until all asbestos-containing building materials have been removed from the building. The program will include periodic surveillance inspections to maintain the effectiveness of the program.

B. Justifications of Recommended Response Actions

The asbestos containing floor tile and mastic located throughout the building are mostly intact with spot damage noted. Spot damaged areas have been recommended for removal. All remaining floor tile and mastic is to continue to be included in the Operations & Maintenance Program. Periodic Surveillance is to be conducted for the asbestos floor tile and mastic with documentation inserted in the management plan.

Transite paneling located inside and outside the building is intact. All previously identified transite is to be included in the Operations and Maintenance Program. Periodic Surveillance is to be conducted for the asbestos floor tile and mastic with documentation inserted in the management plan.

Previously identified suspect skim coat wall plaster, ceiling plaster-textured, and ceiling plaster-smooth are intact with no damage noted. The plasters are to be implemented in the Operations & Maintenance Program. Periodic Surveillance is to be conducted for the ceiling plasters with documentation inserted in the management plan.

Boiler, boiler breeching, and hot water tank insulation located in the boiler room were indicated by Ray Boyd to have been replaced in 1986. Documentation that the replacement material does not contain asbestos is required to exclude the materials from sampling requirements in accordance with AHERA. Until documentation is supplied stating that replacement materials do not contain asbestos, the boiler, boiler breeching, and hot water tank insulation are to be implemented in the Operations & Maintenance Program. Periodic Surveillance is to be conducted for the boiler, boiler breeching, and hot water tank insulation with documentation inserted in the management plan.

Operations and Maintenance activities have been recommended for materials with very limited damage or no damage at all to maintain their condition.

C. Schedule and Resources Required for Implementation of Response Actions

1. Removal:

Recommended schedule for completion for removal of spot damaged floor tile/mastic is:

Start Date: June 2000.

Completion Date: August 2000

Cost Estimate for completion: \$3,000.00

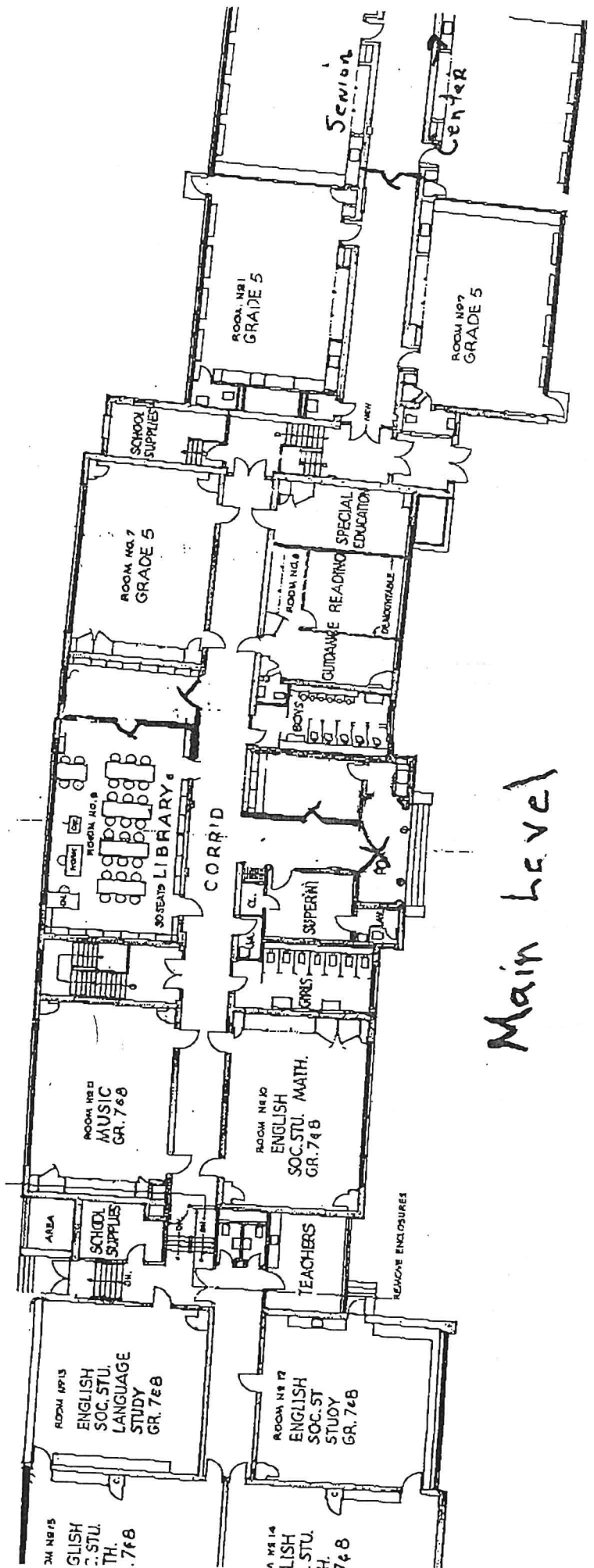
2. Repair:
Not Applicable

3. Enclosure:
Not Applicable

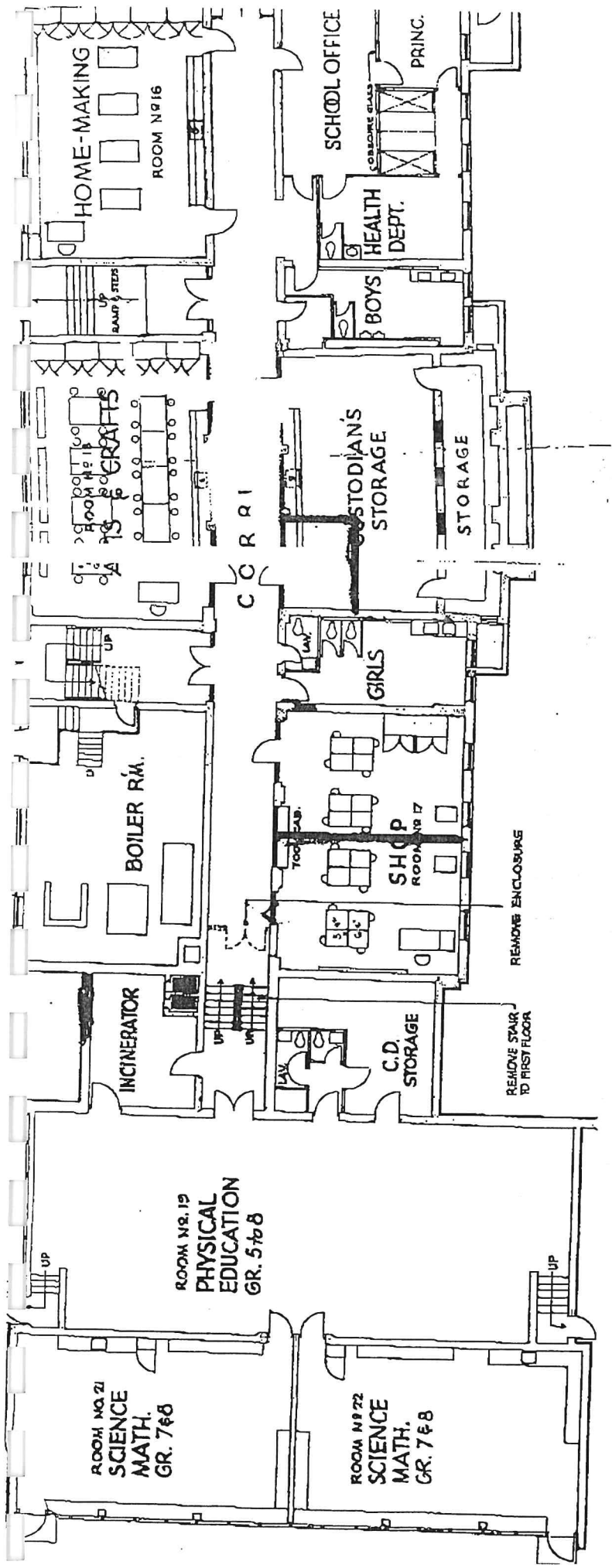
4. Encapsulation
Not Applicable

5. Operations and Maintenance Program:
The estimated cost for an Operations and Maintenance Program is dependent upon the comprehensiveness of the program.

3.1.3 The Bolton Notch Municipal Center Building Diagram

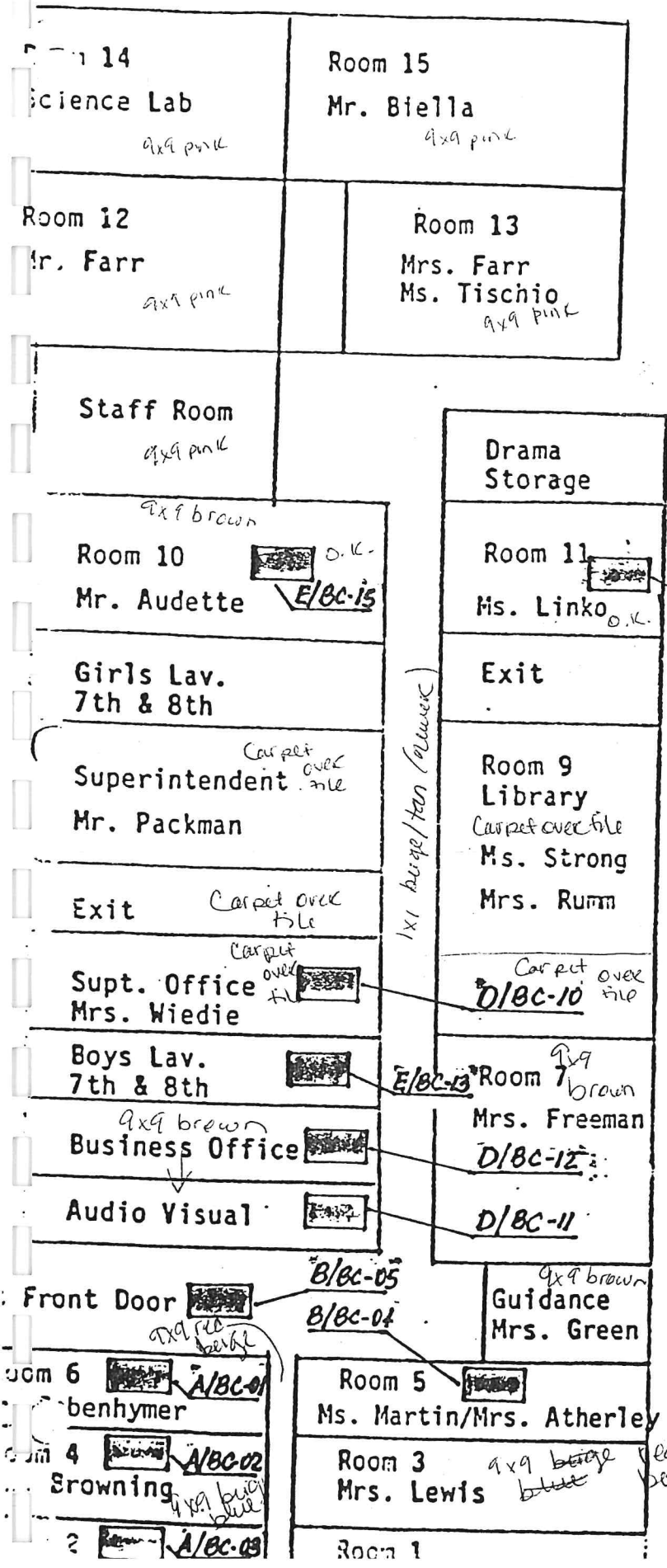


Main Level

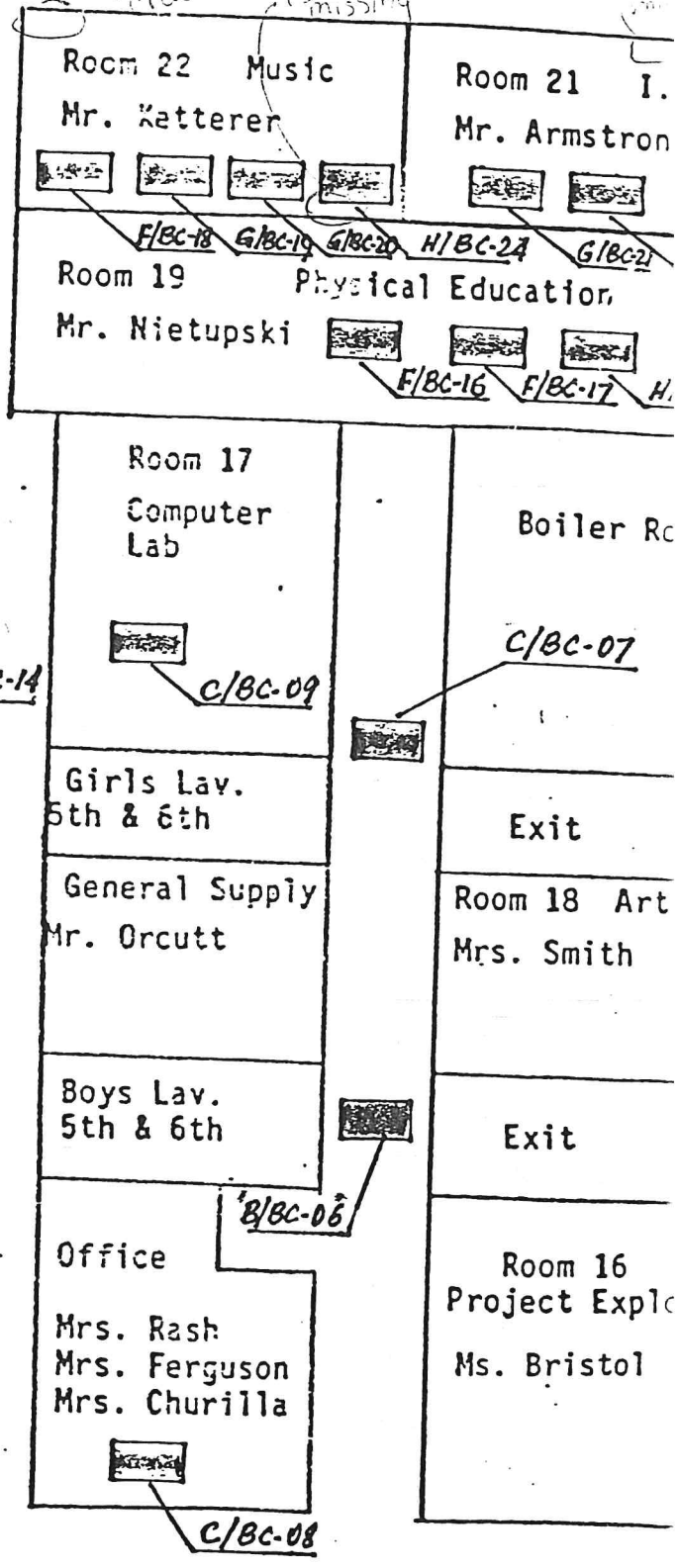


lower level

Upper Floor



Lower Floor



BOLTON CENTER SCHOOL

5-8 Building

3.1.4 Bolton Municipal Center - LEA response to Management Planner Recommendations

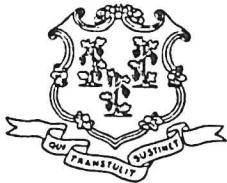
Please check one and provide details if necessary:

_____ I hereby certify that I have read the Management Planner Recommendations and agree to execute them within the timeframe stated to the best of my ability.

_____ I have read the Management Planner Recommendations and agree to execute them with the following exceptions: _____

Signature: _____
 Designated Person

Appendix A - Site Inspector/Management Planner Certifications



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

LOCAL EDUCATION AGENCY THREE YEAR REINSPECTION REPORT OF ASBESTOS-CONTAINING MATERIALS

(In accordance with Section 19a-333-3(b) of the Regulations of Connecticut State Agencies)

INSTRUCTIONS

1. This form must be typewritten.
2. If any space allowed is inadequate, continue on the reverse of this sheet.
3. Use this form as an original and xerox as needed.
4. Return a copy of the completed form to the address below and keep a copy in the LEA management plan.

1. LOCAL EDUCATIONAL AGENCY:

Name: Bolton Board of Education

Address: 108 Notch Road

Bolton, CT 06043

2. SCHOOL(S):

<u>Name</u>	<u>Date Management Plan Accepted by State</u>	<u>Reinspection Date</u>
Bolton Center School	8/16/1990	5/3/1999
Bolton High School	8/16/1990	5/3/1999

Inspector: Kim Dubanoski

Please attach copies of current Inspector license and current refresher certificate

Signature: Kim Dubanoski

Management Planner: Edward Kolodziej

Please attach copies of current Management Planner license and current refresher certificate

Signature: Edward Kolodziej

LEA Designated Person: Raymond Boyd

Please attach copy of training certificate

Signature: _____

Note:

It is required that new custodial and maintenance employees attend a (2) hr. asbestos awareness training program within 60 working days of employment. Documentation that such training has been provided must be included in the management plan.



Phone: (860) 509-7367 Fax: (860) 509-7378

Telephone Device for the Deaf (860) 509-7191

410 Capitol Avenue - MS # 51 AIR

P.O. Box 340308 Hartford, CT 06134

An Equal Opportunity Employer

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME: **KIM M DUBANOSKI**
VALIDATION NO. **98-097427**
LICENSE NO. **000285**
CURRENT THROUGH **11/30/99**
PROFESSION: **ASBESTOS CONSULT - INSPECTOR**

Kim Dubanoski
SIGNATURE

COMMISSIONER, DEPARTMENT OF PUBLIC HEALTH

CERTIFICATE OF ACHIEVEMENT

This certifies that

Kim Dubanoski

has successfully completed the

**Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763**

conducted by

**ATC Associates Inc.
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-1198**

Gregory J. March

Principal Instructor
June 11, 1998
Date of Course

June 11, 1999
Expiration Date

Martin A. Alvarez

Regional Manager
SIAR-551
Certificate Number

June 11, 1998
Examination Date

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULT - INSP/MP

0001317 - FP

EDWARD KOLODZIEJ
15 ARMSTRONG ROAD
ENFIELD CT 06082

T4-0 0684 06082

LICENSE NO.
000089

CURRENT THROUGH
05/31/99

VALIDATION NO.
98-049778

Edward Kolodziej
SIGNATURE

Steph A. Ham

COMMISSIONER, DEPARTMENT OF PUBLIC HEALTH

CERTIFICATE OF ACHIEVEMENT

This certifies that

Edward Kolodziej

has successfully completed the

**Asbestos Site Inspector/Management Planner Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763**

conducted by
**ATC Associates Inc.
39 Spruce Street
East Longmeadow, MA 01028
(413) 525-1198**

Gregory J. March

Principal Instructor

October 9, 1998

Date of Course

October 9, 1999

Expiration Date

Maureen C. Stevens

Regional Manager

MPAR-1323

Certificate Number

October 9, 1998

Examination Date