

# Roanoke County Schools

## Three Year AHERA Reinspection

### Burlington Elementary School Facility 013

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#### Reinspection Dates:

April 1, 2008

April 9, 2008

April 17, 2008

***Baratta & Associates, Inc***

PO Box 293

Vinton, Virginia 24179

540-890-4875

Michael Baratta, PE

Virginia Asbestos Inspector License: 3303-000065

Virginia Asbestos Management Planner License: 3304-000208

**Baratta & Associates, Inc.**

Virginia Department of Education  
Energy and Facilities Service

LEA Roanoke County Schools  
School 013 Burlington Elementary School  
Building Main

**SCHOOL BUILDINGS**

Building Name	Location	Check here for the presence of:				No ACBM
		ACBM		Suspect ACBM		
		Friable	Non- friable	Friable	Non- friable	
013 Burlington Elementary School	6533 Peters Creek Road Roanoke, VA 24019	1	X			

1. All exposed TSI-ACM has been removed from the facility. Asbestos containing TSI may still exist within the walls, ceilings and other concealed spaces.

Inspector:

Name: Michael Baratta Signature \_\_\_\_\_ Date \_\_\_\_\_

Accreditation Number: 3303 000065 Agency: Virginia DPOR

Virginia Department of Education  
Energy and Facilities Services

LEA Roanoke County Schools  
School: 013 Burlington Elementary School  
Building: Main

**DETERMINATION OF EACH  
SAMPLE AREA**

We obtained one (1) sample of HA-04 to confirm HK's designating these muds as non-ACMs

Some ambiguities existed as to the location and description of asbestos containing tan 9"x9" floor tile HA-20 and non-asbestos containing tan 9"x9" floor HA-21. These may actually be the same tile. We deemed HK's negative sample 81 for HA-21 irrelevant and resampled HA-21. HA-21 was subdivided into its tile (A) and mastic (B) fractions during resampling.

HA-23 was deemed non-ACM by HK. We subdivided this HA into the tile (A) and the mastic (B) fractions and obtained two (2) samples of each.

Two (2) samples of non-evaluated sheet vinyls, wall bases and associated mastics were also obtained. Nine (9) samples of the hard plaster (HA-32) were taken on April 9, 2008.


Homogeneous Area	Material	Sample Number	Location
04	Fitting TSI on domestic CW lines	04A	Basement Janitor closet , NE corner
21A	Floor tile 9 "x9 " tan w/ brown & white spots	21A-1	Hall at 113
		21A-2	Hall at 112
21B	Black mastic for HA-21A	21B-1	Hall at 113
		21B-2	Hall at 112
23A	Floor tile 12 "x12 " tan	23A-1	105, NW corner
		23A-2	105, SW corner
23B	Black mastic for HA-23A	23B-1	105, NW corner
		23B-2	105, SW corner
27	Sheet vinyl, red brick pattern	27A	Men's toilet near 101
		27B	Men's toilet near 101
28	Sheet vinyl, grey	28A	SE stair landing, SE corner
		28B	SE stair landing, NE corner
29	Tan mastic for HA-28	29A	SE stair landing, SE corner
		29B	SE stair landing, NE corner
30	Wall base, 4", black	30A	Toilet near 105
		30B	Toilet near 101
31	Tan mastic for HA-30	31A	Toilet near 105
		31B	Toilet near 101

Virginia Department of Education  
Energy and Facilities Services

LEA Roanoke County Schools  
School: 013 Burlington Elementary School  
Building: Main

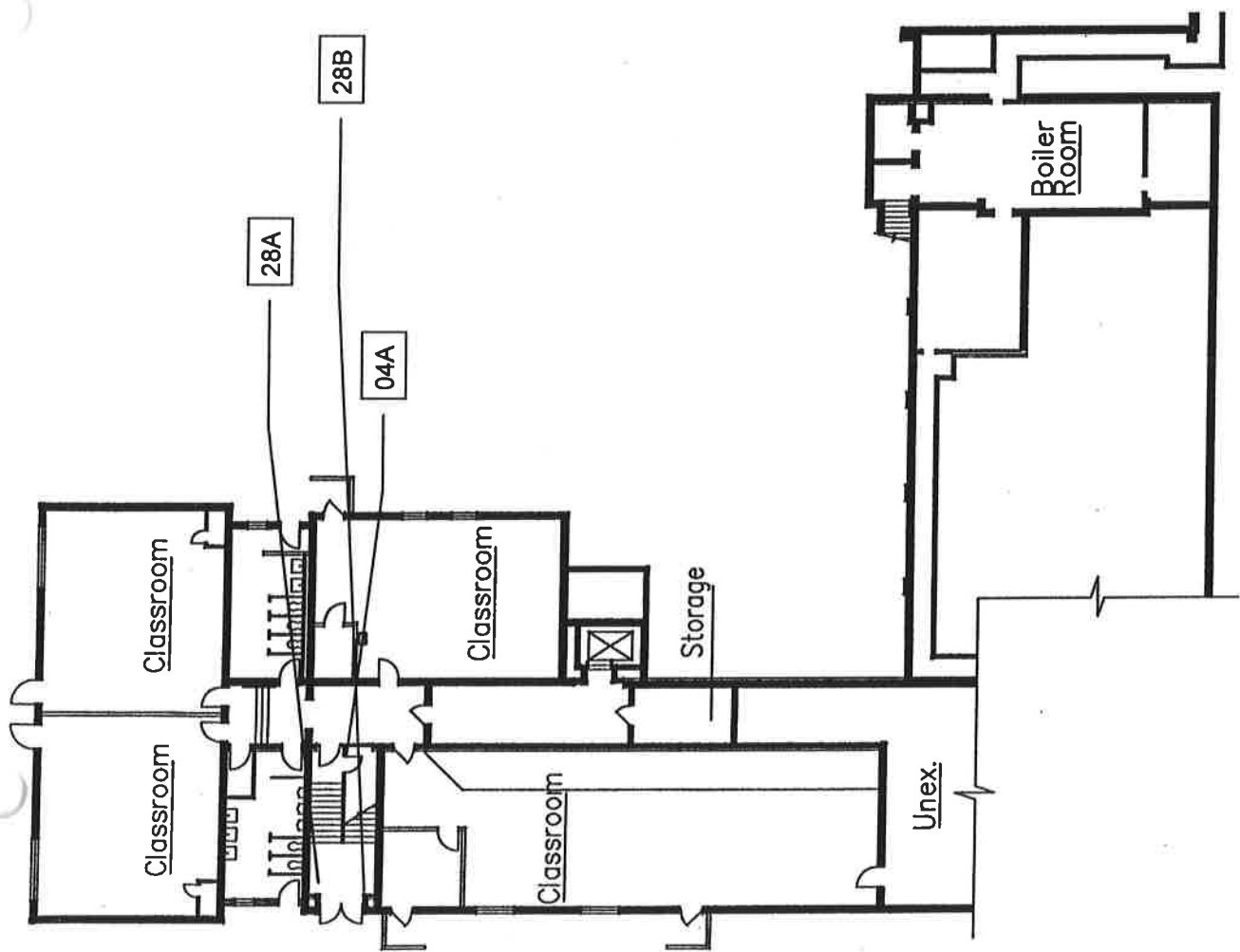
**DETERMINATION OF EACH  
SAMPLE AREA (continued)**

Homogeneous Area	Material	Sample Number	Location
32	Plaster	B1-32A	101, SE corner
		B2-32B	105, NW corner
		B3-32C	107, SW corner
		B4-32D	110, SE corner
		B5-32E	211, center of E wall
		B6-32F	210, NE corner
		B7-32G	206, SE corner
		B8-32H	203, NE corner
		B9-32IE	202, NW corner

Name: Michael Baratta Signature  Date 5/7/08  
Accreditation Number: 3303 000065 Agency: Virginia DPOR

AHERA Three Year Inspection  
 Burlington Elementary School  
 Roanoke County Schools  
 Sample date:

Building 013  
 Sample Locations  
 L001  
 April 1, 2008  
 April 9, 2008  
 April 17, 2008



HA-04 Fitting TSI on domestic CW lines  
 Sample 04A

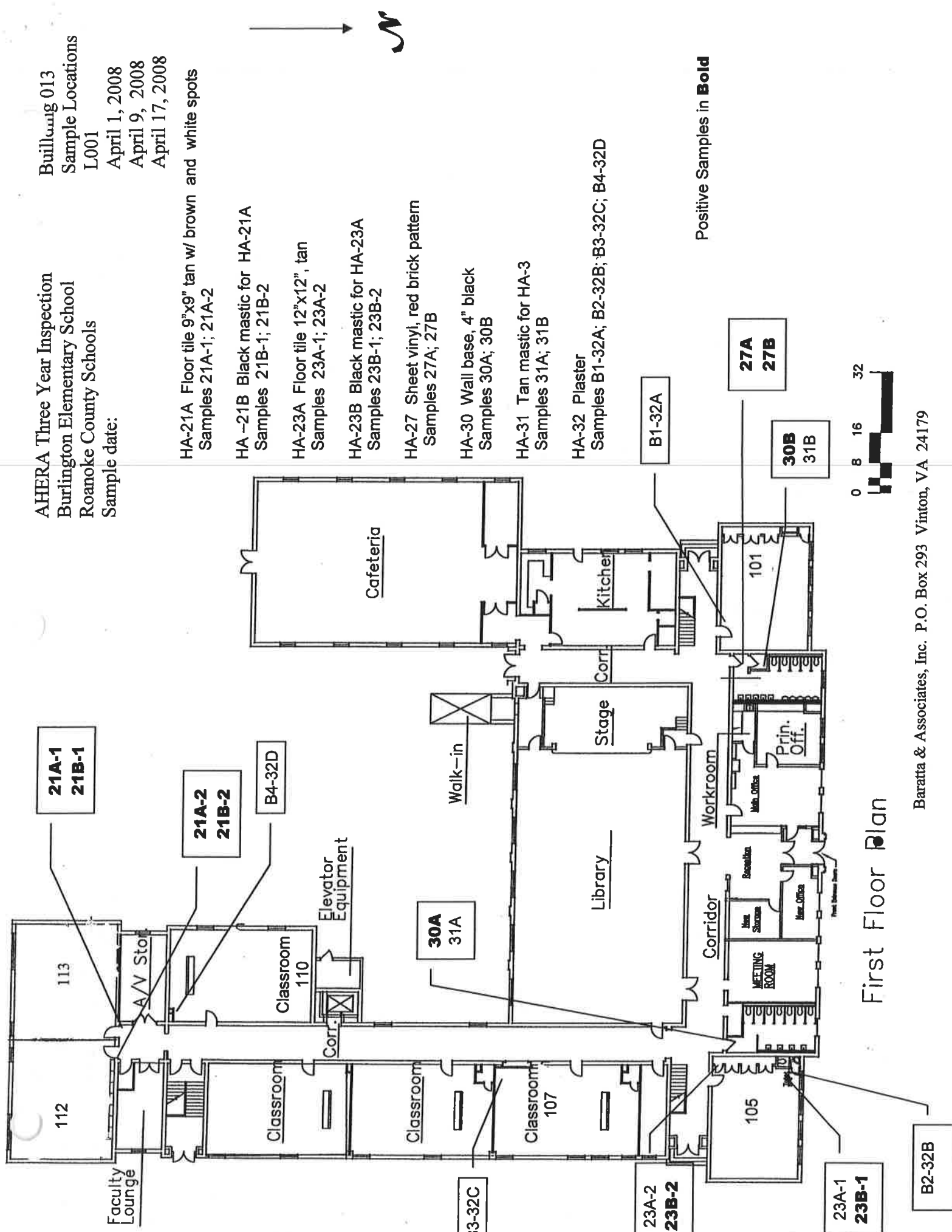
HA-28 Sheet vinyl, grey  
 Samples 28A; 28B



# Basement Floor Plan

Baratta & Associates, Inc. P.O. Box 293 Vinton, VA 24179

AHERA Three Year Inspection  
 Burlington Elementary School  
 Roanoke County Schools  
 Sample date:  
 Building 013  
 Sample Locations  
 L001  
 April 1, 2008  
 April 9, 2008  
 April 17, 2008



HA-21A Floor tile 9"x9" tan w/ brown and white spots  
 Samples 21A-1; 21A-2  
 HA -21B Black mastic for HA-21A  
 Samples 21B-1; 21B-2  
 HA-23A Floor tile 12"x12", tan  
 Samples 23A-1; 23A-2  
 HA-23B Black mastic for HA-23A  
 Samples 23B-1; 23B-2  
 HA-27 Sheet vinyl, red brick pattern  
 Samples 27A; 27B  
 HA-30 Wall base, 4" black  
 Samples 30A; 30B  
 HA-31 Tan mastic for HA-3  
 Samples 31A; 31B  
 HA-32 Plaster  
 Samples B1-32A; B2-32B; B3-32C; B4-32D

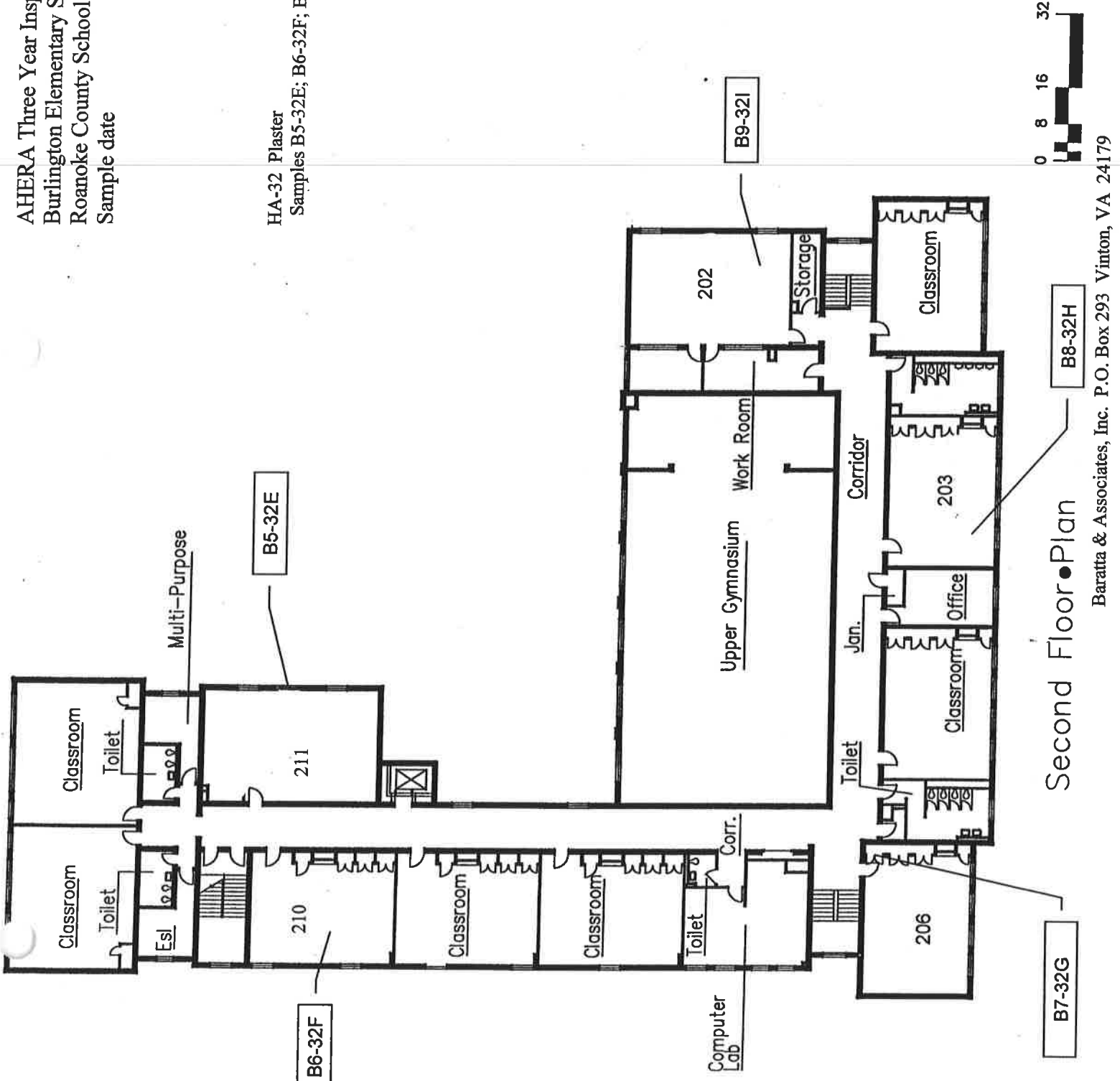
Positive Samples in **Bold**

First Floor Plan

AHERA Three Year Inspection  
 Burlington Elementary School  
 Roanoke County Schools  
 Sample date

Building 013  
 Sample Locations  
 L001  
 April 1, 2008  
 April 9, 2008  
 April 27, 2008

HA-32 Plaster  
 Samples B5-32E; B6-32F; B7-32G; B8-32H; B9-32I



Second Floor Plan

Virginia Department of Education  
Energy and Facilities Services

LEA Roanoke County Schools  
School: 013 Burlington Elementary School  
Building: Main  
Sample Dates: April 1 and 9, 2008  
Analysis Dates: April 4 and 11, 2008  
Analysis Method: PLM EPA 6000/M4-82-020

### BULK SAMPLE ANALYSIS

Samples 04A, 23A-1 and 23A-2 confirm the HK "non-ACM" designation for these products. The mastic for floor tile HA23A (HA-23B) tested to be an ACM. Floor tile HA-21A and tile mastic HA-21B tested to be ACMs.

Homogeneous Area	Sample Number	Material	Asbestos Content
04	04A	Fitting TSI on domestic CW lines	NAD
21A	21A-1	Floor tile 9" x9", tan w/ brown & white spots	3 % chrysotile
	21A-2		3 % chrysotile
21B	21B-1	Black mastic for HA-21A	4 % chrysotile
	21B-2		4 % chrysotile
23A	23A-1	Floor tile 12 "x12 " tan	NAD
	23A-2		NAD
23B	23B-1	Black mastic for HA-23A	2 % chrysotile
	23B-2		2 % chrysotile
27	27A	Sheet vinyl, red brick pattern	10 % chrysotile
	27B		10 % chrysotile
28	28A	Sheet vinyl, grey	NAD
	28B		NAD
29	29A	Tan mastic for HA-28	NAD
	29B		NAD
30	30A	Wall base, 4", black	4 % chrysotile
	30B		4 % chrysotile
31	31A	Tan mastic for HA-30	NAD
	31B		NAD



Virginia Department of Education  
Energy and Facilities Services


LEA Roanoke County Schools  
School: 013 Burlington Elementary School  
Building: Main  
Sample Dates: April 1 and 9, 2008  
Analysis Dates: April 4 and 11, 2008  
Analysis Method: PLM EPA 6000/M4-82-020

**BULK SAMPLE ANALYSIS**  
**(continued)**

Homogeneous Area	Sample Number	Material	Asbestos Content
32	B1-32A	Plaster	NAD
	B2-32B		NAD
	B3-32C		NAD
	B4-32D		NAD
	B5-32E		NAD
	B6-32F		NAD
	B7-32G		NAD
	B8-32H		NAD
	B9-32I		NAD

NAD – no asbestos detected

See attached AmeriSci PLM Bulk Asbestos Report Numbers 108041110, 108041298 & 108041469

Name: Michael Baratta Signature  Date 5/7/09  
Accreditation Number: 3303 000065 Agency: Virginia DPOR



**AmeriSci Richmond**  
13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Baratta & Associates, Inc.  
Attn: Michael Baratta  
1150 Shady Run Road  
Vinton, VA 24179

Date Received 04/04/08

Date Examined 04/04/08

AmeriSci Job No. 108041110

P.O. # L011

Page 1 of 4

RE L011; AHERA; Burlington Els

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
04A	108041110-01 Location: Thermal System Insulation	No	NAD (by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Off White - Lt Tan, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
23A-1	108041110-02 Location: Floor Tile	No	NAD (by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Beige-White-Tan, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
23A-2	108041110-03 Location: Floor Tile	No	NAD (by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Beige-White-Tan, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
23B-1	108041110-04 Location: Floor Tile Mastic	Yes	2 % (by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Black & Yellow, Heterogeneous, Non-Fibrous, Mastics <b>Asbestos Types:</b> Chrysotile 2.0 % <b>Other Material:</b> Cellulose 2 %, Non-fibrous 96 % <b>Comment:</b> Two Different and Inseparable Mastics Present.			

See Reporting notes on last page

Client Name: Baratta & Associates, Inc.

## PLM Bulk Asbestos Report

L011; AHERA; Burlington Els

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
23B-2	108041110-05	<b>Yes</b>	2 %
Location: Floor Tile Mastic			(by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Black & Yellow, Heterogeneous, Non-Fibrous, Mastics			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Cellulose 2 %, Non-fibrous 96 %			
<b>Comment:</b> Two Different and Inseparable Mastics Present.			
27A	108041110-06	<b>Yes</b>	10 %
Location: Sheet Vinyl			(by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Brick Red & Black, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 10.0 %			
<b>Other Material:</b> Non-fibrous 90 %			
27B	108041110-07	<b>Yes</b>	10 %
Location: Sheet Vinyl			(by CVES) by C. David Mintz on 04/04/08
<b>Analyst Description:</b> Brick Red & Black, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 10.0 %			
<b>Other Material:</b> Non-fibrous 90 %			
28A	108041110-08	<b>No</b>	NAD
Location: Sheet Vinyl			(by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Gray-Beige swirls, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 10 %, Fibrous glass 4 %, Non-fibrous 86 %			
28B	108041110-09	<b>No</b>	NAD
Location: Sheet Vinyl			(by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Gray-Beige swirls, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 10 %, Fibrous glass 4 %, Non-fibrous 86 %			
29A	108041110-10	<b>No</b>	NAD
Location: Sheet Vinyl Mastic			(by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Lt. Tan, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 1 %, Non-fibrous 99 %			

Client Name: Baratta & Associates, Inc.

## PLM Bulk Asbestos Report

L011; AHERA; Burlington Els

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
29B	108041110-11 <b>Location:</b> Sheet Vinyl Mastic	<b>No</b>	NAD (by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Lt. Tan, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 10 %, Fibrous glass 4 %, Non-fibrous 86 %			
30A	108041110-12 <b>Location:</b> Base	<b>Yes</b>	4 % (by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 4.0 %			
<b>Other Material:</b> Non-fibrous 96 %			
<b>Comment:</b> Coat of Black Paint Covers Top Surface.			
30B	108041110-13 <b>Location:</b> Base	<b>Yes</b>	4 % (by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 4.0 %			
<b>Other Material:</b> Non-fibrous 96 %			
<b>Comment:</b> Coat of Black Paint Covers Top Surface.			
31A	108041110-14 <b>Location:</b> Base Mastic	<b>No</b>	NAD <sup>1</sup> (by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Cream, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
<b>Comment:</b> No More Mastic Left.			
31B	108041110-15 <b>Location:</b> Base Mastic	<b>No</b>	NAD (by CVES) by C. David Mintz on 04/06/08
<b>Analyst Description:</b> Cream - Lt Tan, Heterogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			

See Reporting notes on last page

Client Name: Baratta & Associates, Inc.

# PLM Bulk Asbestos Report

L011; AHERA; Burlington Els

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
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**Reporting Notes:**

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).

Analyzed by: C. David Mintz

*C. David Mintz*

Date

*9/6/08*

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%;  
 "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_



**AmeriSci Richmond**  
13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Baratta & Associates, Inc.  
Attn: Michael Baratta  
1150 Shady Run Road  
  
Vinton, VA 24179

Date Received 04/11/08      AmeriSci Job # 108041298  
Date Examined 04/11/08      P.O. #  
Page 1 of 2  
RE: L001; Ahera; Burlington ELS

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B1-32A Location: Plaster	108041298-01	No	NAD (by CVES) by C. David Mintz on 04/11/08
<b>Analyst Description:</b> Off White, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %			
B2- 32B Location: Plaster	108041298-02	No	NAD (by CVES) by C. David Mintz on 04/11/08
<b>Analyst Description:</b> Off White, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
B3-32C Location: Plaster	108041298-03	No	NAD (by CVES) by C. David Mintz on 04/11/08
<b>Analyst Description:</b> Off White, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
B4-32D Location: Plaster	108041298-04	No	NAD (by CVES) by C. David Mintz on 04/11/08
<b>Analyst Description:</b> Off White, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
B5-32E Location: Plaster	108041298-05	No	NAD (by CVES) by C. David Mintz on 04/11/08
<b>Analyst Description:</b> Off White, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			

See Reporting notes on last page


Client Name: Baratta & Associates, Inc.

# PLM Bulk Asbestos Report

L001; Ahera; Burlington ELS

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B6-32F Location: Plaster  Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	108041298-06	No	NAD (by CVES) by C. David Mintz on 04/11/08
B7-32G Location: Plaster  Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	108041298-07	No	NAD (by CVES) by C. David Mintz on 04/11/08
B8-32H Location: Plaster  Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	108041298-08	No	NAD (by CVES) by C. David Mintz on 04/11/08
B9-32I Location: Plaster  Analyst Description: Off White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	108041298-09	No	NAD (by CVES) by C. David Mintz on 04/11/08

**Reporting Notes:**

Analyzed by: C. David Mintz  Date 4/11/08  
 \*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NAVPS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_



**AmeriSci Richmond**  
13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Baratta & Associates, Inc.  
Attn: Michael Baratta  
1150 Shady Run Road  
  
Vinton, VA 24179

Date Received 04/18/08  
Date Examined 04/18/08  
  
RE: L001; Burlington E/S

AmeriSci Job # 108041469  
P.O. #  
Page 1 of 2

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
21A-1 Location: Floor Tile	108041469-01	Yes	3 % (by CVES) by C. David Mintz on 04/18/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile 3.0 % <b>Other Material:</b> Non-fibrous 97 %			
21A-2 Location: Floor Tile	108041469-02	Yes	3 % (by CVES) by C. David Mintz on 04/18/08
<b>Analyst Description:</b> Beige, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile 3.0 % <b>Other Material:</b> Non-fibrous 97 %			
21B-1 Location: Floor Tile Mastic	108041469-03	Yes	4 % (by CVES) by C. David Mintz on 04/18/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile 4.0 % <b>Other Material:</b> Non-fibrous 96 %			
21B-2 Location: Floor Tile Mastic	108041469-04	Yes	4 % (by CVES) by C. David Mintz on 04/18/08
<b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile 4.0 % <b>Other Material:</b> Non-fibrous 96 %			



Client Name: Baratta & Associates, Inc.

# PLM Bulk Asbestos Report

L001; Burlington E/S

---

**Reporting Notes:**

Analyzed by: C. David Mintz

Date

*C. David Mintz*      *4/17/08*

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; N/A/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_

**Baratta & Associates, Inc.**  
P.O. Box 293  
Vinton, Virginia

LEA Roanoke County Schools  
School 013 Burlington Elementary School  
Building Main

## REASSESSMENT OF MATERIALS

Past or Initial Assessment: Hall-Kimbrell April 1989

Many ACMs were removed from the kitchen area in 1999.

The TSI-ACM was removed from the boiler room sometime after 1988.

The TSI-ACM was removed from the tunnels and crawlspace and basement in 1994.

We combined green tile 9"x9" floor tile HA-18 with green 9"x9" floor tile HA-16.

Tan 9"x9" floor tile HA-21A was initially designated a non-ACM by Hall-Kimbrell. The retest indicates this tile and its mastic (HA-21B) are asbestos containing materials.

The red brick sheet vinyl (HA-27) in the men's toilet tested to be an ACM

The wall base in the rest rooms (HA-30) was found to be an ACM

Homogeneous Area	Description	Past Assessment Category #	Reassessment Category #
02	Fitting mud on LP steam lines	1	Removed
03	Pipe TSI on LP steam lines	1	Removed
04	Fitting mud on domestic CW lines	Non-ACM	Non-ACM
05	Pipe TSI on domestic CW lines	1	Removed
06	Fitting mud on domestic HW lines	1	Removed
07	Tank TSI	1	Removed
08	Tank TSI	1	Removed
09	ACT 12"x12"	Non-ACM	-
10	Lay-in ceiling	Non-ACM	-
11	Heating water fitting TSI basement	1	Removed
12	Heating water pipe TSI basement	1	Removed
13	Fitting mud on domestic CW lines, basement	1	Removed
14	Floor tile 9"x9", brown (basement)	5	Removed
15	Floor tile 9"x9", red (kitchen area)	5	Removed
16	Floor tile 9"x9", green (first & second floor)	5	5
17	Floor tile 9"x9", brown (first floor)	5	5
18	Floor tile 9"x9", green (first floor)	5	See HA-16
19	Floor tile 9"x9", grey (1 <sup>st</sup> & 2 <sup>nd</sup> floors)	5	5
20	Floor tile 9"x9", tan w/ white streaks (1 <sup>st</sup> & 2 <sup>nd</sup> floors)	5	5
21A	Floor tile 9"x9", tan w/ brown streaks (first floor)	Non-ACM	5
21B	Black mastic for HA-21A	Not evaluated	5
22	Floor tile 9"x9", white (second floor)	5	5
23A	Floor tile 12"x12", tan (Room 105)	Non-ACM	Non-ACM
23B	Black mastic for HA-23A	Not evaluated	5

Baratta & Associates, Inc.  
 P.O. Box 293  
 Vinton, Virginia

LEA Roanoke County Schools  
 School 013 Burlington Elementary School  
 Building Main

**REASSESSMENT OF MATERIALS**  
**(Continued)**

Homogeneous Area	Description	Past Assessment Category #	Reassessment Category #
24	Fitting TSI in boiler room	5	Removed
25	Pipe run TSI in boiler room	5	Removed
26	Tank TSI in boiler room	Non-ACM	-
27	Sheet vinyl, red brick pattern	Not evaluated	5
28	Sheet vinyl, grey	Not evaluated	Non-ACM
29	Mastic for HA-28, tan	Not evaluated	Non-ACM
30	Wall base, 4", black	Not evaluated	5
31	Mastic for HA-30, tan	Not evaluated	Non-ACM
32	Plaster	Not evaluated	Non-ACM

AHERA - Physical Assessment Categories - 763.88(a)(2)(b)

- 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 suspect ACBM

Inspector:  
 Name: Michael Baratta Signature  Date 5/7/08  
 Accreditation Number: 3303 000065 Agency: Virginia DPOR

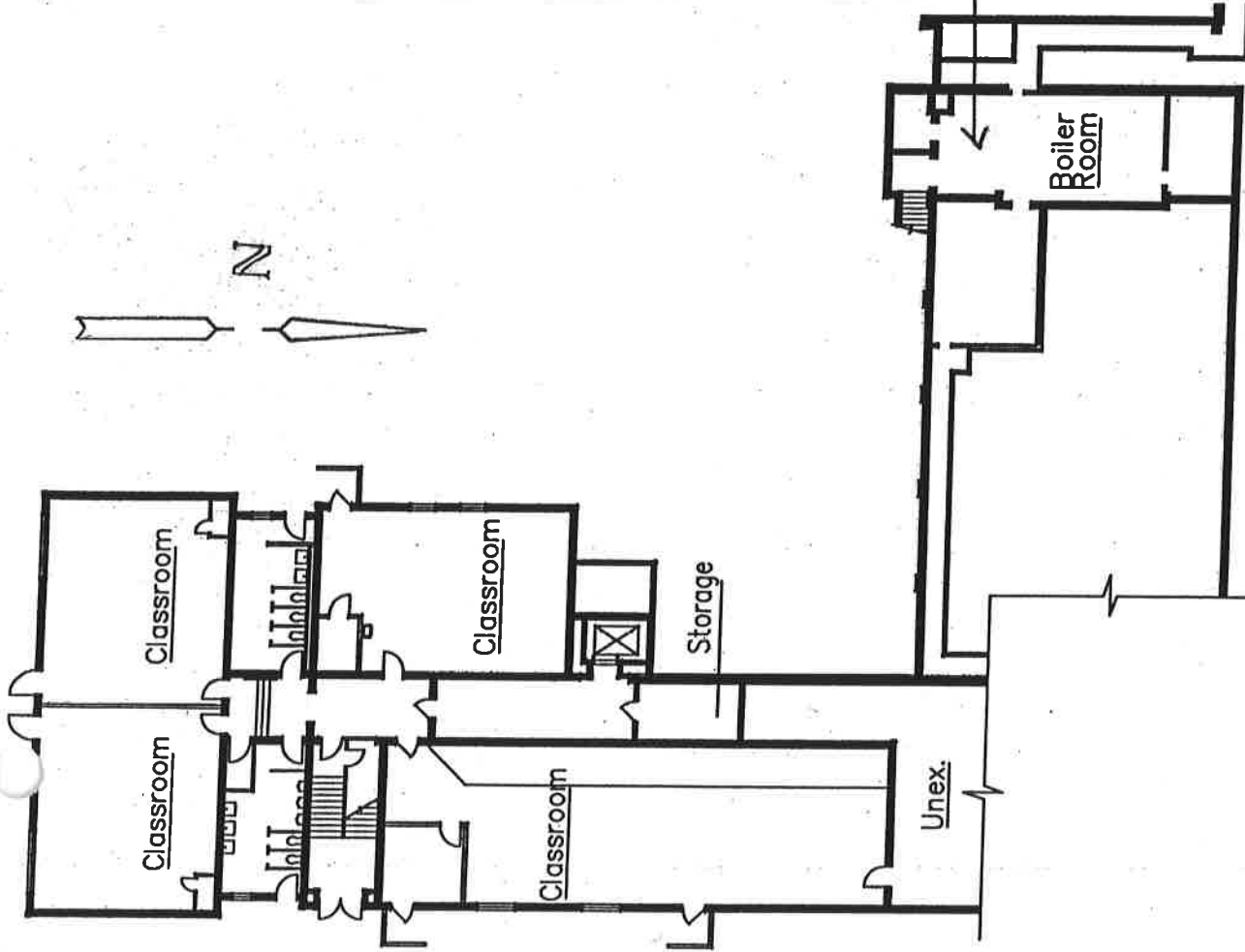
LOCATION OF ACBMs 013 Burlington E/S

Basement Scale: see drawing

Reinspection Dates: April 1, 9 & 17, 2008

# Burlington Elementary School

6533 Peters Creek Rd



No TSI-ACM in Boiler Room and Tunnels

Boiler Room

Classroom

Classroom

Storage

Classroom

Unex.

Basement Floor



LOCATION OF ACBMs

013 Burlington E/S

First Floor





Scale: see drawing

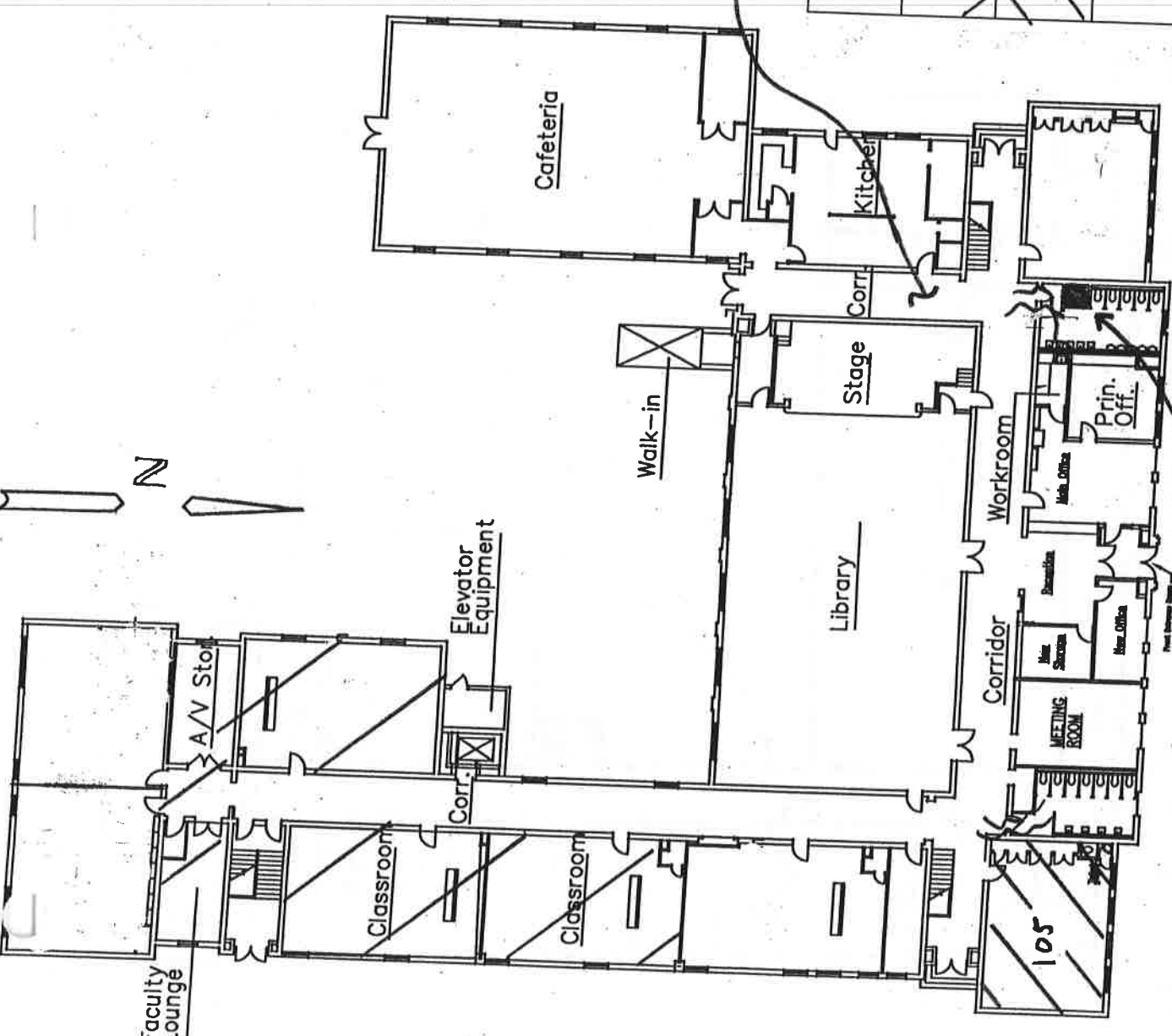
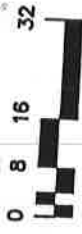
Reinspection Dates: April 1, 9 & 17, 2008

# Burlington Elementary School

6533 Peters Creek Rd

TSI-ACM hidden inside walls and ceiling spaces - Typical

	Asbestos containing sheet vinyl (red brick pattern)
	Asbestos containing floor tiles and mastics
	Asbestos containing floor tile mastic, 12" x 12" floor tiles are non-ACM
	Asbestos containing wall base, mastic is non-ACM



First Floor Asbestos containing sheet vinyl (red brick pattern)

## **ASBESTOS MANAGEMENT, OPERATIONS AND MAINTENANCE PLAN**

Burlington Elementary School  
April 19, 2008

This Asbestos Management Operations and Maintenance Plan is based on the AHERA Three Year Reinspection performed by Baratta & Associates, Inc on the following dates:

April 1, 2008  
April 9, 2008  
April 17, 2008

This plan covers procedures to be followed in dealing with the Asbestos-Containing Materials (ACMs) found in the Burlington Elementary School.

### **SUMMARY**

Numerous floor coverings were found to be Asbestos Containing Materials. These floor coverings are in good condition. They do not currently present an asbestos related health risk to building occupants in their current condition.

All of the exposed asbestos containing thermal system insulation was removed from the school. We suspect that hidden asbestos containing TSI may still remain in some of the walls and ceiling spaces.

### **STAFF NOTIFICATION**

The School should send all staff members a brief notice stating that Asbestos-Containing Materials exist in the older sections of the school.

## ACM IDENTIFICATION

The following products were found to be Asbestos-Containing Materials (ACMs):

HA Number	Material
16	Floor tile 9"x9", green (1 <sup>st</sup> & 2 <sup>nd</sup> floors)
17	Floor tile 9"x9", brown (First floor)
19	Floor tile 9"x9", grey (1 <sup>st</sup> & 2 <sup>nd</sup> floors)
20	Floor tile 9"x9", tan w/ white streaks (1 <sup>st</sup> & 2 <sup>nd</sup> floors)
21A & 21B	Floor tile 9"x9", tan w/ brown streaks along with its mastic (first floor)
22	Floor tile 9"x9", white (Second floor)
23B	Black mastic for 12"x12", tan floor tiles in 105 (Tiles are non-ACM)
27	Sheet vinyl, red brick pattern (Men's Toilet)
30	Wall base, 4", black (Children' Restroom)

## CARE OF THE FLOOR TILES, SHEET VINYLs AND ASSOCIATED MASTICS

No drilling, sanding, or other abrasive or penetrating activities shall be used on the asbestos containing floor tiles and sheet vinyls. To do so may release asbestos fibers into the environment.

The flooring is tough and non-friable. It is doubtful anything other than forceful vandalism will deteriorate this material to a point where significant fiber release will occur.

Should you notice that the floor coverings are damaged or have loose tiles, please contact the principal so appropriate action can be taken.

## CARE OF THE WALL BASE

These should be treated like the floor tiles.

## PERMIT REQUIREMENTS

Before any work that may require the disturbance of the noted Asbestos Containing Materials is performed, maintenance personnel or contractors shall obtain an Asbestos Work Area Permit from the School System's Asbestos Program Manager.