Leicester Primary School
170 Paxton Street
Leicester, MA 01524

AHERA Three-Year Reinspection

April 2019

HUB TESTING
LABORATORY, INC.
Environmental Testing and Consulting Service
Certified Woman-owned Business Enterprise (WBE)

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REPORT FOR:	Leicester Public Schools 3 Washburn Square 3rd Floor Leicester, MA 01524
ATTENTION:	Mr. David White Director of Public Facilities
PROJECT:	AHERA 3-Year Re-Inspection
SUBJECT:	Leicester Primary School 170 Paxton Street Leicester, MA 01524
INSPECTOR(S):	Lynne Brimhall Asbestos Inspector MA Cert. No.: AI 061691
PREPARED BY:	Hub Testing Laboratory, Inc. Lynne Brimhall Project Manager Management Planner MA Cert. No.: AP 900405
DATE:	April 2019

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A. AHERA Three Year Re-Inspection Report with Materials Chart and Drawings

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REPORT FOR: Leicester Public Schools
Attn: David White, Director of Facilities
3 Washburn Square
3rd Floor
Leicester, MA 01524

ATTENTION: David White, Designated Person

PROJECT: Leicester Primary School
170 Paxton Street
Leicester, MA 01524

SUBJECT: AHERA Three-Year Reinspection

DATE: April 2019

As required by the US Environmental Protection Agency's AHERA regulations, Hub Testing Laboratory has completed a survey and reassessment of asbestos containing materials in the Leicester Primary School. This report summarizes the locations and conditions of materials remaining in the school and reviews the ongoing responsibilities of the Local Education Agency (LEA). The inspection was completed by Lynne Brimhall (AI 061691) on April 18, 2019.

When sampling of suspect asbestos-containing materials was required, samples representative of the material were taken. Samples of thermal systems insulation and miscellaneous materials were collected in unobtrusive random locations. Samples of surfacing materials were collected using the guidance document method for random sampling.

This latest survey report should be incorporated into the files that the LEA maintains, pertaining to response actions, operations & maintenance activities, six month surveillance, training, air sampling and major asbestos activities, etc.

SUMMARY OF AHERA RE-INSPECTION

The re-inspection consisted of reviewing previous documentation available, interviewing building personnel, and performing a thorough survey of each functional space in the building. The following sections summarize the current re-inspection, the presence of suspect or proven ACM in the building, any damage to the ACM, and response action proposals.

CURRENT FINDINGS

MATERIALS FROM PREVIOUS INSPECTION

The previous AHERA reports from the Leicester Primary School identified the following asbestos containing materials.

The previous descriptions of Homogeneous Areas of Suspect Materials were not detailed and therefore could not be correlated to the existing conditions. During this most recent inspection Homogeneous Areas of Suspect Materials were identified using the characteristics of color, texture, size, usage, etc. Therefore some of the Homogeneous Areas of Suspect Materials identified during this most recent inspection may be a clarification of previously identified Homogeneous Areas of Suspect Materials or may be newly identified Homogeneous Areas of Suspect Materials.

The list is classified by material. The materials were identified as either containing asbestos or assumed to contain asbestos. This was distinguished by the presence of sample identifications in the Assumed and Proven Asbestos –Containing Materials Chart. All suspect materials identified in the previous AHERA report assumed all materials to be asbestos containing. However, extensive sampling was conducted by Hub Testing associated with this most current inspection report. Laboratory results can be found in section D and will be incorporated into the Management Plan.

The floor plans attached to this report should be used to identify functional spaces identification.

All building materials not previously sampled and identified as being non-asbestos containing must be considered asbestos containing until sampled and proven otherwise.

Any building material that becomes damaged or is scheduled for disturbance should be sampled and abated, as appropriate.

1. Hard ceiling
   - *Location:* 1st floor landings of stairs 1 and stairs2
   - *Condition:* Not damaged
   - *Quantity:* ≈ 700 SF

2. Speed tile
   - *Location:* As baseboard in girl's 1 & boy's 1 and girl's 2 & boy's 2
   - *Condition:* Not damaged
   - *Quantity:* ≈ 352 LF

3. Joint compound
   - *Location:* Hall by offices 1, 2 and 3, Columns in physical education (appears to be skimmed), General office and Library
   - *Condition:* Not damaged
   - *Quantity*: ≈ 4,800 SF

4. Black sink
   - *Location:* Large sinks: 201 - 212, 101 – 104, K5/105, 106 - 109
   - *Condition:* Not damaged
   - *Quantity:* ≈ 65 SF

5. Pink sink undercoating
   - *Location:* Teacher's prep room
   - *Condition:* Not damaged
   - *Quantity:* ≈ 3 SF

6. Chalkboards
   - *Location:* Rooms 101-104, 105/K5, 106, 107, 109, PS1, PS2, PS3, K1, K2, OT/PT, Principal's office, 201- 212
   - *Condition:* Not damaged
   - *Quantity:* ≈ 4,200 SF

7. Red fire stop
   - *Location:* On ductwork throughout school above ceiling (visible in custodian closet 6 & kitchen area)
   - *Condition:* Not damaged
   - *Quantity:* ≈ 60 SF total

8. 1'x1' Squared wire re-enforced window
   - *Location:* Rooms 201, 206, 207, 101 – 104, 106, Hall doors to nurse from office, K2, OT/PT, Kitchen doors to cafeteria and Double doors in hallways
   - *Condition:* Not damaged
   - *Quantity:* ≈ 96 SF

9. 1 ½' x 3' Wire re-enforced windows
   - *Location:* Rooms 202-205, 206-212, 102-104, K5/105(2), 106-109, PS1-PS3, Nurse door to hall, K2, OT/PT, Exterior doors on first floor
   - *Condition:* Not damaged
   - *Quantity:* ≈ 300 SF

10. 1'x3' Wire re-enforced windows
    - *Location:* On double doors at rooms 109, PS1 and across from custodian 5
    - *Condition:* Not damaged
    - *Quantity:* ≈ 48 SF

11. 2'x4' Wire re-enforced windows
    - *Location:* Door #1 (interior set)
    - *Condition:* Not damaged
    - *Quantity:* ≈ 24 SF

12. 6’x1’ Wire re-enforced windows
    Location: Library
    Condition: Not damaged
    Quantity: ≈180 SF

13. 4’x4’ Wire re-enforced windows
    Location: Main office
    Condition: Not damaged
    Quantity: ≈ 80 SF

14. 1’x4’ Wire re-enforced windows
    Location: Kitchen office
    Condition: Not damaged
    Quantity: ≈ 40 SF

15. Sills
    Location: Rooms 101 - 109, PS1, PS2, PS3, K1, K2, 201 - 212, Stairs 1, Stairs 2, OT/PT, Teacher’s lounge and Cafeteria
    Condition: Not damaged
    Quantity: ≈ 15 SF per

16. Square vibration dampener
    Location: Custodian closet 1 (2 at 8 LF and 2 at 4 LF), Custodian closet 4 (2 at 8 LF and 2 at 4 LF), Boiler room (2 at 4 LF) and Outside equipment room 1 (1 at 8 LF and 1 at 16 LF)
    Condition: Not damaged
    Quantity: ≈ 80 LF

17. Round vibration dampener
    Location: Boiler room
    Condition: Not damaged
    Quantity: ≈ 32 LF

18. Tank insulation
    Location: Boiler room
    Condition: Not damaged
    Quantity: ≈ 100 SF

19. Exhaust breeching insulation
    Location: Boiler room
    Condition: Not damaged
    Quantity: ≈ 400 SF

20. Insulation on 12” Line
    Location: Boiler room associated with the generator
    Condition: Not damaged
    Quantity: ≈ 35 LF

21. Insulation on 6” Line
    Location: Boiler room associated with the generator
    Condition: Not damaged
    Quantity: ≈ 8 LF

22. HB Smith boilers
    Location: Boiler room
    Condition: Not damaged
    Quantity: 2 Boilers

23. Gasketing
    Location: Associated with boilers, exhaust fans and generators in boiler room
    Condition: Not damaged

24. Spray-applied coating on fan exhaust
    Location: Above ceiling in kitchen and into kitchen serving
    Condition: Not damaged
    Quantity: ≈ 90 SF

25. 12” Light green mottled floor tile with dark green
    Location: Cafeteria, Teacher’s lounge & prep room and Hall off cafeteria
    Condition: Not damaged
    Quantity: ≈ 2,300 SF

26. Associated mastic
    Location: Cafeteria, teachers’ lounge and prep room, hall off cafeteria
    Condition: Not damaged
    Quantity: ≈ 2,300 SF

27. 12” Beige streaked floor tile
    Location: Stairs 2
    Condition: Not damaged
    Quantity: ≈ 130 SF

28. Associated mastic
    Location: Stairs 2
    Condition: Not damaged
    Quantity: ≈ 130 SF

29. 12” Beige mottled floor tile with gray

Location: 1st floor hallways unless specified, 2nd floor hallways, Dry storage, Kitchen office, Stairwell in library, Rooms 103, 109, 203, 204, 206, 208, 209, 210, 211, Bath 1 & Bath 2, Nurse’s bath, Principal’s bath, Bath between K1 & PS3, Bath between PS3 and PS2, PS1 bath, Custodian 6, Storage 1, Storage 2 and General storage (mixed)
Condition: Not damaged
Quantity: ≈ 15,400 SF

30. Associated mastic

Location: 1st floor hallways unless specified, 2nd floor hallways, Dry storage, Kitchen office, Stairwell in library, Rooms 103, 109, 203, 204, 206, 208, 209, 210, 211, Bath 1 & Bath 2, Nurse’s bath, Principal’s bath, Bath between K1 & PS3, Bath between PS3 and PS2, PS1 bath, Custodian 6, Storage 1, Storage 2 and General storage (mixed)
Condition: Not damaged
Quantity: ≈ 15,400 SF

31. 12” Beige mottled floor tile with brown

Location: Nurse’s office, Physical education, Rooms 101, 102, 202, 205 and patches in General Storage
Condition: Not damaged
Quantity: ≈ 7,600 SF

32. Associated mastic

Location: Nurse’s office, Physical education, Rooms 101, 102, 202, 205 and patches in General Storage
Condition: Not damaged
Quantity: ≈ 7,600 SF

33. Teal floor tile mottled with gray

Location: Cross pattern across physical education
Condition: Not damaged
Quantity: ≈ 460 SF

34. Associated mastic

Location: Cross pattern across physical education
Condition: Not damaged
Quantity: ≈ 460 SF

35. 6” Red ceramic floor tile grout

Location: Kitchen and Dish wash room
Condition: Not damaged
Quantity: ≈ 850 SF

36. 6” Red ceramic floor tile adhesive
    Location: Kitchen and Dish wash room
    Condition: Not damaged
    Quantity: ≈ 850 SF

37. Capet mastic
    Location: OT/PT, Rooms 104, K5, 106, 107, 108, PS1, PS2, PS3, K1, K2, 201, 212, 207, 213, 219, Main office, Principal’s office, Hallway between door 1 & front office and Office area on 2nd floor above library
    Condition: Not damaged
    Quantity: ≈ 15,700 SF

38. Beige linoleum 12” square design
    Location: On top of carpet in PS3
    Condition: Not damaged
    Quantity: ≈ 42 SF

39. 1”x1” Ceramic floor tile grout
    Location: Boy’s 1 & Girl’s 1 and Boy’s 2 & Girl’s 2
    Condition: Not damaged
    Quantity: ≈ 1,440 SF

40. 1”x1” Ceramic floor tile adhesive
    Location: Boy’s 1 & Girl’s 1 and Boy’s 2 & Girl’s 2
    Condition: Not damaged
    Quantity: ≈ 1,440 SF

SUSPECT ACM FOUND NOT TO CONTAIN ASBESTOS

The following materials were sampled and analyzed and found to not contain asbestos. Refer to the Materials Chart for location and sample identifications for those materials which have been sampled. Sample reports have been incorporated into the Management Plan

1. 2x2 Thin fished ceiling tile with lots of dots – Rooms 101 through 109, 201 - 208, 210, 211, 212, 213, 219, PS1 – PS3, K1, K2, OT/PT, Library, Small room off library, Pass-through between 204/205, Storage 1, Girl’s 1 & Boy’s 1, Girl’s 2 & Boy’s 2, Office 1, Office 2, Office 3, Hall by offices 1-3, All hallways, General storage, Stairs 1, Stairs 2, Cafeteria, Custodian closet 6, Main office area, Principal’s office, Bathroom in Principal, Nurse, Bathroom in nurse, Custodial closet 5 Teacher’s room & prep, Bath 1 & Bath 2 and Dish wash room
2. CMU & grout associated with walls - Rooms 101 through 109, 201 through 213, 219 PS1 through PS3, K1, K 2, OT/PT, Library & small room off library, Pass-through between 204/205, Girl’s 1 & Boy’s 1, Girl’s 2 & Boy’s 2, Outside equipment 1, Custodian 6, Bathrooms between PS 2 & PS 3, Bathroom between PS 3 and K1, All hallways, Boiler

room, Physical education, Custodian 5, Nurse, Elevator machine room, Nurse's bathroom, Principal's bathroom, Office hall, Principals office, Bath 1 & Bath 2, Teachers' lounge & prep, Dish wash room, Serving, Kitchen, Dry storage, Kitchen office, Freezers, Laundry off kitchen, Kitchen bathroom, Stairs 1, Stairs 2, General storage, Electrical room, Storage 1, Custodian 1 and Offices 1- 3 & hall

3. Sheetrock - Hall by offices 1, 2 and 3, Columns in physical education, General office and Library
4. Mastic associated with olive cove base - Rooms 206, 208, 209, 210, Nurse's bath and OT/PT
5. Mastic associated with carpet cove base - Rooms 105, 108, PS3, K1, Hall by main office and main office area unless noted
6. Mastic associated with gray cove base - Rooms 212, 104, 106, 107, PS1, PS2, Library and small room off library
7. Mastic associated with tan cove base - Kitchen laundry, Stairs 1, 202, 203, 204, 205, 109, Stairs 2, 211, 101, Stairs 1, 1st floor hallways, 2nd floor hallways, 102, 103, Physical education & columns, Bathroom in PS2 and PS3, Nurse and 201
8. Mastic associated with black cove base - Kitchen area (office, hall, dry storage including closet and bathroom), Pass-through between 204/205, 2 columns in physical education, Custodial closet 6, 219, Storage 1, Electrical room, Bathroom in PS2/PS3, Principal bathroom, 207, Offices 1-3 & hall, General storage, K2, Bath 1, Bath 2, Teacher's room & prep, 213, Custodial closet 1, 101 and Storage 1
9. Hard packed fitting insulation associated with fiberglass domestic water lines - Custodial 5 (8 fittings), Custodial 6 (4 fittings), Chases of boy's & girl's bathrooms (32 fittings)
10. Prefabricated divider wall - Between rooms 101 & 102, 103 & 104, 201 & 202, 202 & 203, 203 & 204, 211 & 212 and Room in library

Hazard Rank	**ACBM Condition**	**ACBM Disturbance Potential**
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low
3	Good	Potential for Significant Damage
2	Good	Potential for Damage
1	Good	Low

Removal Rank	AHERA Category	Response Action Required By AHERA
1	Significantly Damaged	Evacuate or isolate the area if needed. Remove the ACBM or enclose/encapsulate if sufficient to contain fibers. Repair of thermal systems is allowed if feasible and safe. Continue O&M
2	Damaged & Potential for Significant Damage	Evacuate or isolate the area if needed. Remove, enclose or encapsulate or repair to correct damage. Take steps to reduce potential for disturbance. Continue O&M
3	Damaged & Potential for Damage	Evacuate or isolate the area if needed. Remove, enclose or encapsulate or repair to correct damage. Take steps to reduce potential for disturbance. Continue O&M
4	Damaged	Evacuate or isolate the area if needed. Remove, enclose or encapsulate or repair to correct damage. Take steps to reduce potential for disturbance. Continue O&M
5	Potential for Significant Damage	Evacuate or isolate the area if needed. Take steps to reduce potential for disturbance. Continue O&M Continue O&M
6	Potential for Damage	Continue O&M
7	All remaining ACBM	Continue O&M

ACTION SHEET

Based on the current three-year AHERA Re-inspection of the Leicester Primary School, the following actions for ongoing asbestos management in the school are recommended:

SIX-MONTH SURVEILLANCE

Every six months a periodic surveillance of known and assumed asbestos-containing materials in the school must be conducted and documented. The chart included in this report may be used for the documentation. Use the right-hand columns to indicate changes in the condition or quantity of a material, and explain the changes in the comment section at the bottom of each page. Be sure to include the date of the survey and the signature of the person who conducted it at the end of the chart.

TRAINING

In the event that the LEA's Designated Person changes or new maintenance personnel are hired, the LEA must have Asbestos Awareness Training provided for these individuals.

Training will be conducted in accordance with the included Training Policy.

Staff has some knowledge of asbestos containing materials in their schools however in light of the new materials identified, training should be conducted again and custodial and maintenance staff taught the location and type of ACM materials in their school.

The LEA has hired a new Designated Person, David White. Mr. White has the appropriate training for designated person. His certificate can be located in the files.

RECORD KEEPING

Each LEA must keep and updated copy of the Management Plan in its administrative office for each school under its administrative control or direction. This plan must be available, without restriction, to the public, school personnel and their representatives, parents and representatives of EPA and the state, for inspection during normal business hours.

Continue to update files pertaining to:

a. Training/Licensing of school personnel

b. Notifications

c. Response Actions

d. Re-inspection

Refer to Record Keeping Policy.

LABELING

All friable asbestos-containing materials in routine maintenance areas must be maintained with identifying labels. The labels can help to prevent damage to known and assumed asbestos containing materials. In addition labelling allows for un-trained personnel to be aware of

potentially asbestos containing materials in areas they may be accessing.

CAUTION
ASBESTOS HAZARDOUS
DO NOT DISTURB
WITHOUT PROPER
TRAINING AND EQUIPMENT

CLEANING

In the event that friable materials become damaged in an occupied space, the materials should be repaired and debris cleaned by qualified trained personnel with proper cleaning equipment and personal protective equipment.

At this time, no additional cleaning is necessary.

The school should use commercial grade HEPA vacuums in lieu of dry sweeping.

Should new damage to assumed and/or proven asbestos containing materials occur this will require a Response Action. The cleaning associated with this damage should be reviewed and directed by the certified Asbestos Abatement Designer.

RECOMMENDED RESPONSE ACTIONS

All known and assumed asbestos-containing materials must be monitored for any change in condition. Every precaution and extreme care should be taken to keep these materials in an undamaged condition. In the event that a material is damaged, the appropriate response action should be taken to deal with the situation. Proposed response actions are based on the inspector's physical assessment of ACM according to AHERA assessment categories and the management planner's classification of hazard potential. The physical assessment categories are detailed on the attached chart.

All response actions should be implemented in a timely manner and must be carried out by the appropriate accredited personnel; sampling by an accredited Asbestos Inspector, designed by an accredited Asbestos Abatement Designer and conducted by appropriately accredited asbestos abatement workers and supervisors. All necessary documentation pertaining to the response action must be obtained by the Designated Person and incorporated into the Record Keeping program of the Management Plan.

EXHAUST BREECHING INSULATION

The exhaust breeching insulation in the boiler room is cracking but remains intact. No visible debris was noted in the area. This material was sampled and proven to be asbestos containing and have as hazard rank of 4. This material should be reviewed during the six month surveillance. If the cracking becomes worse or debris is noted, then the area should be isolated until abatement can occur.

Time frame: Re-inspect in six months.

CERAMIC TILE GROUTS AND ADHESIVES

The 6" ceramic floor tile and 1"x 1" ceramic floor tile are intact and have a hazard rank of 2. The 1" x 3" ceramic wall tile is damaged in the storage room which is accessible by adult staff only and has a hazard rank of 2. The grouts and adhesives associated with the ceramic tiles are an assumed asbestos containing material. Grouts and adhesives should be sampled to determine if asbestos is present. If the samples indicate the materials are asbestos containing they must be removed or repaired and the condition causing the damage corrected.

Time frame: Sampling of the remaining ceramic wall tile and floor tile grouts and adhesives should be conducted during summer break of 2020.

DRYWALL JOINT COMPOUND

The drywall joint compound associated with sheetrock walls is a known asbestos containing materials and has as hazard rank of 2. The drywall joint compound is in an intact condition. The condition of this material should be monitored during the six-month surveillances, which is performed as required by a knowledgeable person.

Time frame: No response action is needed at this time.

FLOOR TILES & ASSOCIATED MASTICS

The different types of floor tile and mastic are assumed materials and have a hazard rank of 5. Floorings have very minor areas of cracking and of deterioration due to wear and location; generally at threshold. However at this time, there is no floor tiles identified which was damaged requiring removal. Until all floor tiles are sampled they must be considered to be an asbestos containing material. All identified floorings should not be impacted until sampled and proven not to be asbestos containing.

Until sampling occurs, maintain flooring with a substantial coat of wax and monitor to verify no further damage occurs. This should be reviewed with the custodial staff immediately and waxed as necessary.

Time frame: Sampling should be conducted when flooring is expected to be impacted (changed, removed). Until such time as the flooring is proven to not contain asbestos, all floor tiles should be maintained with a substantial coat of wax and care should be taken to not cause damage.

ASSUMED MATERIALS

The remaining materials identified during the AHERA inspection identified as assumed to be asbestos containing should be sampled to determine if they contain asbestos. Until such time, they must be treated as asbestos containing and all efforts should be taken not to disturb assumed materials.

Funding should be reviewed so that sampling can be conducted to accurately know if these materials are asbestos containing. The condition of the materials should be monitored during the six-month surveillances, which is performed as required by a knowledgeable person.

Time frame: Sampling of the assumed materials not previously discussed should begin as

soon as the moneys can be appropriated. In total it is reasonable to assume that approximately 70 samples may need to be collected of assumed material. Sampling should be completed within the next three years or during MSBA project.

ASSOCIATED COSTS

1. Sampling of assumed materials;$400 plus $25/sample ≈ $2150
2. Awareness Training ≈ $1500*
3. 6 Month Periodic surveillance ≈ $3600 annually*
4. Three Year Re-inspection ≈ $3750*

* This estimated resource allotment is inclusive of all the schools in the school system

All work beyond the capabilities of a trained and licensed in house O&M maintenance person must be performed by a licensed and qualified asbestos removal contractor. A licensed Project Designer must design all abatement projects outside of O&M.

3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

ASSUMED AND PROVEN ASBESTOS-CONTAINING MATERIALS

Material & Amount	Location	Type & Friability	Physical Assessment Category	Type/% Asbestos & # of Samples	Comment	Six Month Surveillances & Re-inspections					
						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
Hard ceiling (≈700 SF)	1st floor landings of stairs 1 & stairs 2	M, NF	5[1]								√
Speed tile (≈352 LF)	As baseboard in Girl's 1 & Boy's 1 and Girl's 2 & Boy's 2	M, NF	6[1]								√
Joint compound (≈4,800 SF)	Hall by offices 1, 2 and 3, Columns in physical education, General office and Library	S, F	5	28676-15: Chrysotile 2%	Appears to be skimmed in physical education						√
Black sink undercoating (≈65 SF)	Large sinks: 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 101, 102, 103, 104, K5/105, 106, 107, 108, 109	M, NF	6[1]	28676-18: Chrysotile 2%							√
Pink sink undercoating (≈3 SF)	Teacher's prep room	M, NF	6[1]	28676-21: Chrysotile 5%							√
Chalkboards (≈4,200 SF)	Rooms 101, 102, 103, 104, 105/K5, 106, 107, 109, PS1, PS2, PS3, K1, K2, OT/PT, Principals office, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212	M, NF	6[1]		Typically there are two boards per room; 1 is approximately 24'x4' and the other is approximately 5'x4'. The boards on the divider walls are three panels of 4'x10'.						√
Red fire stop (≈60 SF total)	On ductwork throughout school above ceiling	M, NF	5[1]	28676-37: Chrysotile 5%	Material can be seen in in custodian closet 6 and kitchen area above ceiling						√
1'x 1' Squared wire re-enforced window (≈96 SF)	Rooms 201, 206, 207, 101 – 104, 106, Hall door to nurse from office, K2, OT/PT, Kitchen doors to cafeteria and Double doors in hallways	M, NF	7[1]		For some classrooms it's the stairwell door and not the hall door.						√

Key

Type	*Amount*	*Friability*
T-TSI	SF-Square feet	F-Friable
S-Surfacing	LF-Linear feet	NF-Non-friable

Physical Assessment

Assessment Categories for Friable Materials

1. Damaged or significantly damaged TSI
2. Damaged (D) surfacing
3: Significantly damaged (SD) surfacing
4: Damaged or significantly damaged misc.
5: Suspect or proven ABCM with the potential for D (*one moderate)
6: Suspect or proven ABCM with the potential for SD (*one high)
7. Any remaining suspect or proven ACBM (*all low)

**Potential for future disturbance for categories 5, 6, & 7*
Access, Vibration, Air Erosion: L-low M-medium H-high

Comments: X (4,5,6,7)[1]: non friable materials are not characterized under AHERA however MA DLS requests this information.

Six Month Surveillance & Re-inspections

*Fill in the corresponding box with a √ for no change in condition or a **C** for a change in the status of a material. Write details about changes in the comment area below the chart on the same page. The person conducting the surveillance must sign and date below.*

6-mo.	Date:	Signature:	***18-mo.***	Date:	Signature:
12-mo.	Date:	Signature:	***24-mo.***	Date:	Signature:
30-mo.	Date:	Signature:	***3-YR Re-inspect:***	Date: 4/18/19	Signature: Lynne Brimhall

3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

ASSUMED AND PROVEN ASBESTOS-CONTAINING MATERIALS

Material & Amount	Location	Type & Friability	Physical Assessment Category	Type/% Asbestos & # of Samples	Comment	Six Month Surveillances & Re-inspections					
						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
1 ½' x 3' Wire re-enforced window (≈ 300 SF)	Rooms 202-205, 206-212, 102-104, K5/105(2), 106-109, PS1-PS3, Nurse door to hall, K2, OT/PT and Exterior doors on first floor	M, NF	7[1]								√
1'x 3' Wire re-enforced window (≈ 48 SF)	On double doors at rooms 109, PS1 and across from custodian 5	M, NF	7[1]								√
2'x 4' Wire re-enforced window (≈ 24 SF)	Door #1 (interior set)	M, NF	7[1]								√
6'x 1' Wire re-enforced window (≈ 180 SF)	Library	M, NF	7[1]								√
4'x 4' Wire re-enforced window (≈ 80 SF)	Main office	M, NF	7[1]								√
1'x 4' Wire re-enforced window (≈ 40 SF)	Kitchen office	M, NF	7[1]								√
Sills (≈ 15 SF per)	Rooms 101, 102, 103, 104, 105, 106, 107, 108, 109, PS1, PS2, PS3, K1, K2, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, Stairs 1, Stairs 2, OT/PT, Teacher's lounge & Cafeteria	M, NF	5[1]		Most classrooms have 3 windows.						√

Key

Type	*Amount*	*Friability*
T-TSI	SF-Square feet	F-Friable
S-Surfacing	LF-Linear feet	NF-Non-friable

Physical Assessment

Assessment Categories for Friable Materials

1. Damaged or significantly damaged TSI
2. Damaged (D) surfacing
3: Significantly damaged (SD) surfacing
4: Damaged or significantly damaged misc.
5: Suspect or proven ABCM with the potential for D (*one moderate)
6: Suspect or proven ABCM with the potential for SD (*one high)
7. Any remaining suspect or proven ACBM (*all low)

**Potential for future disturbance for categories 5, 6, & 7*
Access, Vibration, Air Erosion: L-low M-medium H-high

Comments: X (4,5,6,7)[1]: non friable materials are not characterized under AHERA however MA DLS requests this information.

Six Month Surveillance & Re-inspections

*Fill in the corresponding box with a √ for no change in condition or a **C** for a change in the status of a material. Write details about changes in the comment area below the chart on the same page. The person conducting the surveillance must sign and date below.*

6-mo.	Date:	Signature:	***18-mo.***	Date:	Signature:
12-mo.	Date:	Signature:	***24-mo.***	Date:	Signature:
30-mo.	Date:	Signature:	***3-YR Re-inspect:***	Date: 4/18/19	Signature: Lynne Brimhall

3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

ASSUMED AND PROVEN ASBESTOS-CONTAINING MATERIALS

Material & Amount	Location	Type & Friability	Physical Assessment Category	Type/% Asbestos & # of Samples	Comment	Six Month Surveillances & Re-inspections					
						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
Square vibration dampener (≈ 80 LF)	Custodian closet 1 (2 at 8 LF and 2 at 4 LF), Custodian closet 4 (2 at 8 LF and 2 at 4 LF), Boiler room (2 at 4 LF), and Outside equipment room 1 (1 at 8 LF and 1 at 16 LF)	T, F	6	28676-40: Chrysotile 0%	These dampeners appear to be a green canvas. Further sampling is required to comply with AHERA.						√
Round vibration dampener (≈ 32 LF)	Boiler room	T, F	6		These dampeners are associated with the boiler breeching.						√
Tank insulation (≈ 100 SF)	Boiler room	T, F	5	28676-44: Chrysotile 2%							√
Exhaust breeching insulation (≈ 400 SF)	Boiler room	T, F	1		Cracking is noted on the breeching but material is still intact.						√
Insulation on 12" line (≈ 35 LF)	Boiler room associated with the generator	T, F	5								√
Insulation on 6" line (≈ 8 LF)	Boiler room associated with the generator	T, F	5								√
HB Smith boilers (2 boilers)	Boiler room	T, F	7		Two boilers are present. No cast dates could be identified on the boilers. Interior components may contain asbestos.						√
Gasketing	Associated with boilers, exhaust fans and generators in boiler room	T, F	7								√

Key

Type	*Amount*	*Friability*
T-TSI	SF-Square feet	F-Friable
S-Surfacing	LF-Linear feet	NF-Non-friable

Physical Assessment

Assessment Categories for Friable Materials

1. Damaged or significantly damaged TSI
2. Damaged (D) surfacing
3: Significantly damaged (SD) surfacing
4: Damaged or significantly damaged misc.
5: Suspect or proven ABCM with the potential for D (*one moderate)
6: Suspect or proven ABCM with the potential for SD (*one high)
7. Any remaining suspect or proven ACBM (*all low)

**Potential for future disturbance for categories 5, 6, & 7*
Access, Vibration, Air Erosion: L-low M-medium H-high

Comments: X (4,5,6,7)[1]: non friable materials are not characterized under AHERA however MA DLS requests this information.

Six Month Surveillance & Re-inspections

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3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

ASSUMED AND PROVEN ASBESTOS-CONTAINING MATERIALS

Material & Amount	Location	Type & Friability	Physical Assessment Category	Type/% Asbestos & # of Samples	Comment	Six Month Surveillances & Re-inspections					
						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
Spray-applied coating on fan exhaust (≈ 90 SF)	Above ceiling in Kitchen and into kitchen serving room	S, F	6	28676-46 Chrysotile: 70%	Previously identified as fan exhaust insulation						√
12" Light green mottled floor tile with dark green (≈ 2,300 SF)	Cafeteria, Teacher's lounge & prep room and Hall off cafeteria	M, NF	6[1]								√
Associated mastic (≈ 2,300 SF)		M, NF	7[1]								√
12" Beige streaked floor tile (≈ 130 SF)	Stair 2	M, NF	6[1]								√
Associated mastic (≈ 130 SF)		M, NF	7[1]								√
12" Beige mottled floor tile with gray (≈ 15,400 SF)	1st floor hallways unless specified, 2nd floor hallways, Dry storage, Kitchen office, Stairwell in library, Rooms 103, 109, 203, 204, 206, 208, 209, 210, 211, Bath 1 & Bath 2, Nurse's bath, Principal's bath, Bath between K1 & PS3, Bath between PS3 and PS2, PS1 bath, Custodian 6, Storage 1, Storage 2 and General storage (mixed)	M, NF	6[1]								√
Associated mastic (≈ 15,400SF)		M, NF	7[1]								√

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Leicester Primary School
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						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
12" Beige mottled floor tile with brown (≈ 7,600 SF)	Nurse's office, Physical education, Rooms 101, 102, 202, 205, and Patches in general storage	M, NF	6[1]								√
Associated mastic (≈ 7,500 SF)		M, NF	7[1]								√
Teal floor tile mottled with gray (≈ 460 SF)	Cross pattern across physical education	M, NF	6[1]								√
Associated mastic (≈ 460 SF)		M, NF	7[1]								√
6" Red ceramic floor tile grout (≈ 850 SF)	Kitchen and Dish wash room	M, NF	6[1]								√
6" Red ceramic floor tile adhesive (≈ 850 SF)		M, NF	7[1]								√
Capet mastic (≈ 15,700 SF)	OT/PT, Rooms 104, K5, 106, 107, 108, PS1, PS2, PS3, K1, K2, 201, 212, 207, 213, 219, Main office, Principal's office, Hallway between door 1 and front office and Office area on 2nd floor above library	M, NF	7[1]								√

Key

Type
T-TSI
S-Surfacing

Amount
SF-Square feet
LF-Linear feet

Friability
F-Friable
NF-Non-friable

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3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

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						6-mo.	12-mo.	18-mo.	24-mo.	30-mo.	3-YR
Beige linoleum 12" square design (≈ 42 SF)	On top of carpet in PS3	M, NF	6[1]								√
1"x1" Ceramic floor tile grout (≈ 1,440 SF)	Boy's 1 & Girl's 1 and Boy's 2 & Girl's 2	M, NF	6[1]								√
1"x1" Ceramic floor tile adhesive (≈ 1,440 SF)		M, NF	7[1]								√

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3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

MATERIALS THAT HAVE BEEN ABATED/REMOVED OR PROVEN TO NOT CONTAIN ASBESTOS			
Material	**Location**	**Samples**	**Comment**
2x2 Thin fished ceiling tile with lots of dots	Rooms 101 through 109, 201 - 208, 210, 211, 212, 213, 219, PS1 – PS3, K1, K2, OT/PT, Library, Small room off library, Pass-through between 204/205, Storage 1, Girl's 1 & Boy's 1, Girl's 2 & Boy's 2, Office 1, Office 2, Office 3, Hall by offices 1-3, All hallways, General storage, Stairs 1, Stairs 2, Cafeteria, Custodian closet 6, Main office area, Principal's office, Bathroom in Principal, Nurse, Bathroom in nurse, Custodial closet 5 Teacher's room & prep, Bath 1 & Bath 2 and Dish wash room	28676-1 through -5	Some rooms have same style replacement tiles.
CMU walls	Rooms 101 through 109, 201 through 213, 219 PS1 through PS3, K1, K 2, OT/PT, Library & small room off library, Pass-through between 204/205, Girl's 1 & Boy's 1, Girl's 2 & Boy's 2, Outside equipment 1, Custodian 6, Bathrooms between PS 2 & PS 3, Bathroom between PS 3 and K1, All hallways, Boiler room, Physical education, Custodian 5, Nurse, Elevator machine room, Nurse's bathroom, Principal's bathroom, Office hall, Principals office, Bath 1 & Bath 2, Teachers' lounge & prep, Dish wash room, Serving, Kitchen, Dry storage, Kitchen office, Freezers, Laundry off kitchen, Kitchen bathroom, Stairs 1, Stairs 2, General storage, Electrical room, Storage 1, Custodian 1 and Offices 1- 3 & hall	28676-6 through -8	
CMU grout		28676-9 through -11	
Sheetrock	Hall by offices 1, 2 and 3, Columns in physical education, General office and Library	28676-12 through -14	
Mastic associated with olive cove base	Rooms 206, 208, 209, 210, Nurse's bath and OT/PT	28676-22 through -24	

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3 YEAR RE-INSPECTION
Leicester Primary School
April 18, 2019

MATERIALS THAT HAVE BEEN ABATED/REMOVED OR PROVEN TO NOT CONTAIN ASBESTOS			
Material	Location	Samples	**Comment**
Mastic associated with carpet cove base	Rooms 105, 108, PS3, K1, Hall by main office and main office area unless noted	28676-31 through -33	
Mastic associated with gray cove base	Rooms 212, 104, 106, 107, PS1, PS2, Library and small room off library	28676-28 through -30	
Mastic associated with tan cove base	Kitchen laundry, Stairs 1, 202, 203, 204, 205, 109, Stairs 2, 211, 101, Stairs 1, 1st floor hallways, 2nd floor hallways, 102, 103, Physical education & columns, Bathroom in PS2 and PS3, Nurse and 201	28676-35 through -27	
Mastic associated with black cove base	Kitchen area (office, hall, dry storage including closet and bathroom), Pass-through between 204/205, 2 columns in physical education, Custodial closet 6, 219, Storage 1, Electrical room, Bathroom in PS2/PS3, Principal bathroom, 207, Offices 1-3 & hall, General storage, K2, Bath 1, Bath 2, Teacher's room & prep, 213, Custodial closet 1, 101 and Storage 1	28676-34 through -36	
Hard packed fitting insulation associated with fiberglass domestic water lines	Custodial 5 (8 fittings), Custodial 6 (4 fittings, Chases of boy's & girl's bathrooms (32 fittings)	28676-41 through -43	Remainder of visible insulation is fiberglass with PVC fittings.
Prefabricated divider wall	Between rooms 101 & 102, 103 & 104, 201 & 202, 202 & 203, 203 & 204, 211 & 212 and Room in library		Visually identified as metal

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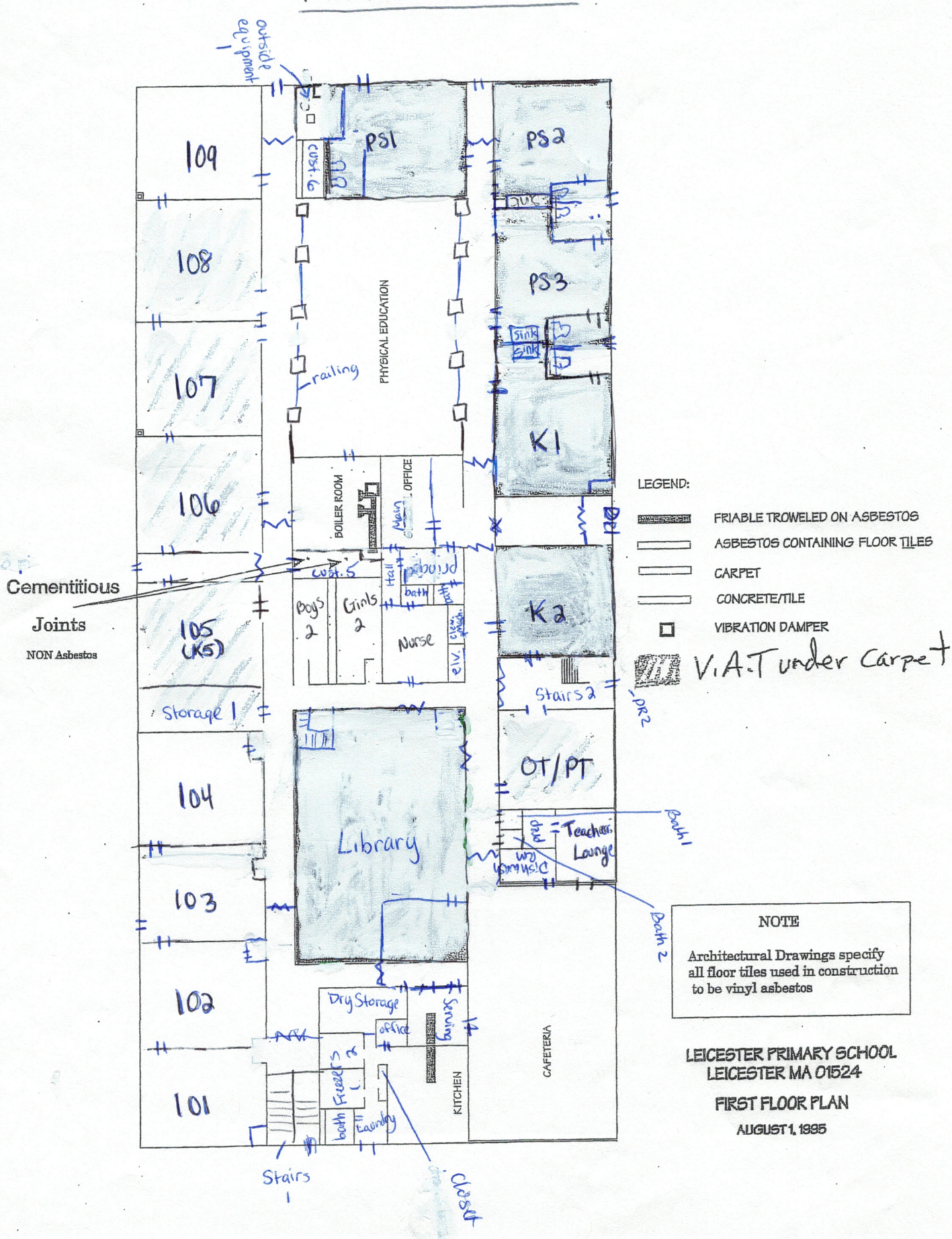
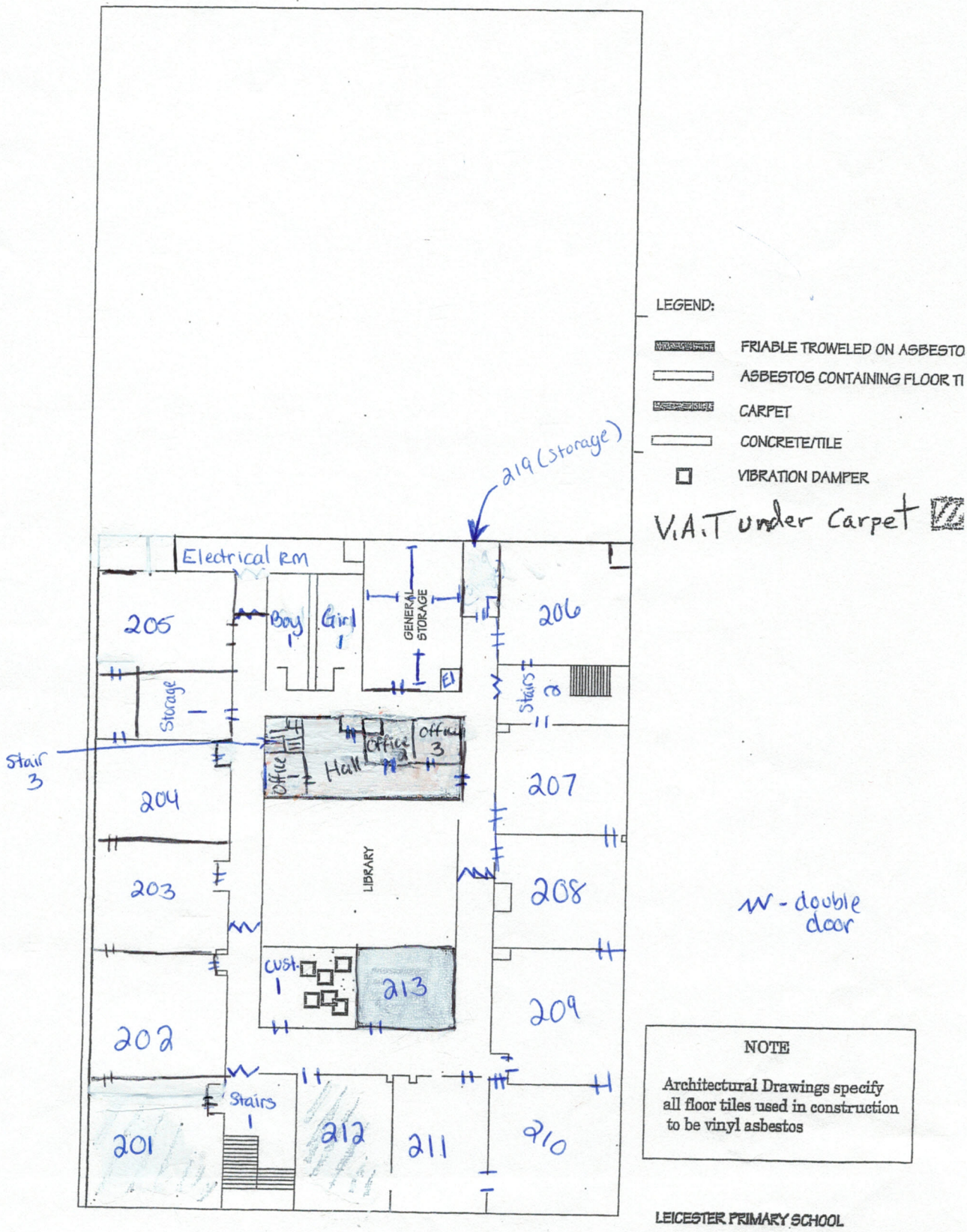
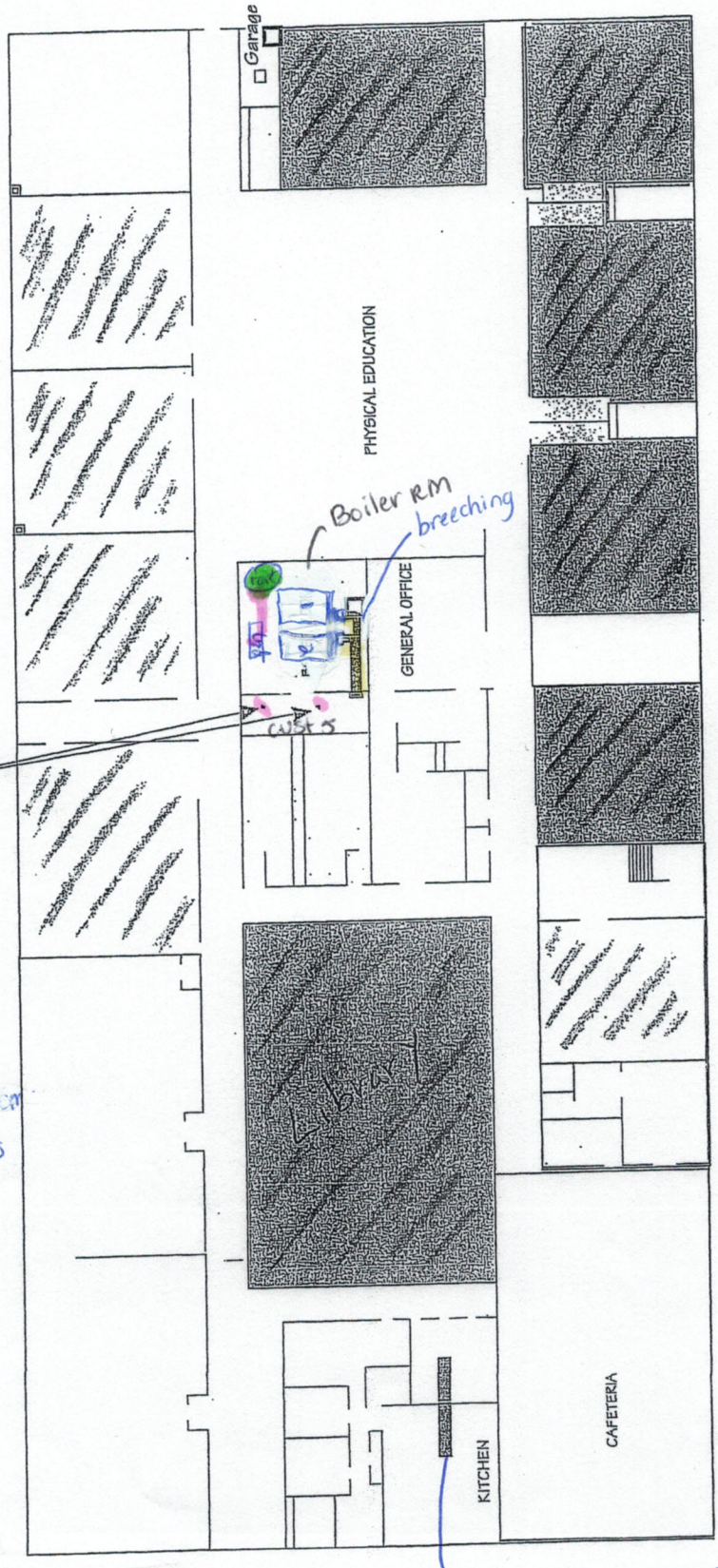
Master 1st Floor



Master 2nd Floor



Boiler/TSI



LEGEND:

- FRIABLE TROWELED ON ASBESTOS
- ASBESTOS CONTAINING FLOOR TILES
- CARPET
- CONCRETE/TILE
- VIBRATION DAMPER
- V.A.T under Carpet

NOTE

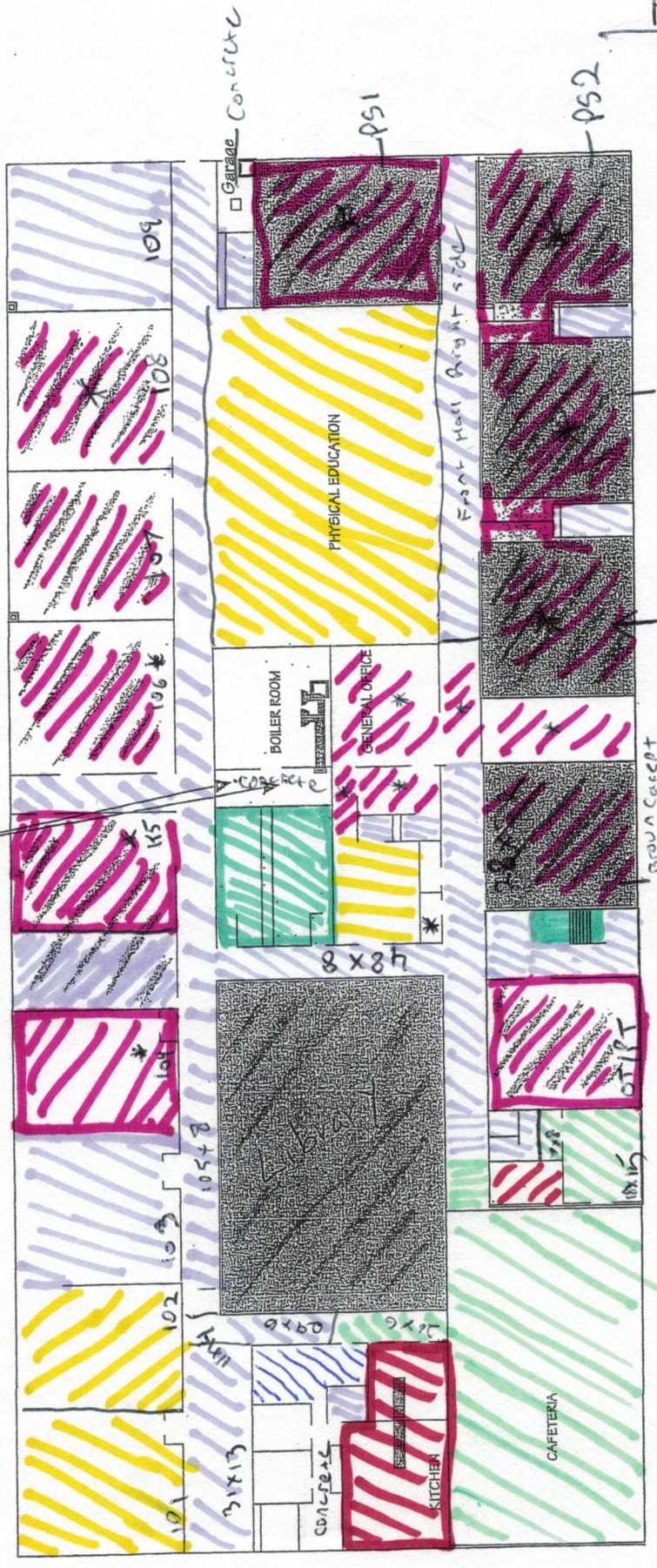
Architectural Drawings specify all floor tiles used in construction to be vinyl asbestos

LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524

FIRST FLOOR PLAN

AUGUST 1, 1995

Flooring 1st flr



* Carpet

Flooring

Cementitious Joints NON Asbestos

Tiles / Floor

403
154
174
840
1,571

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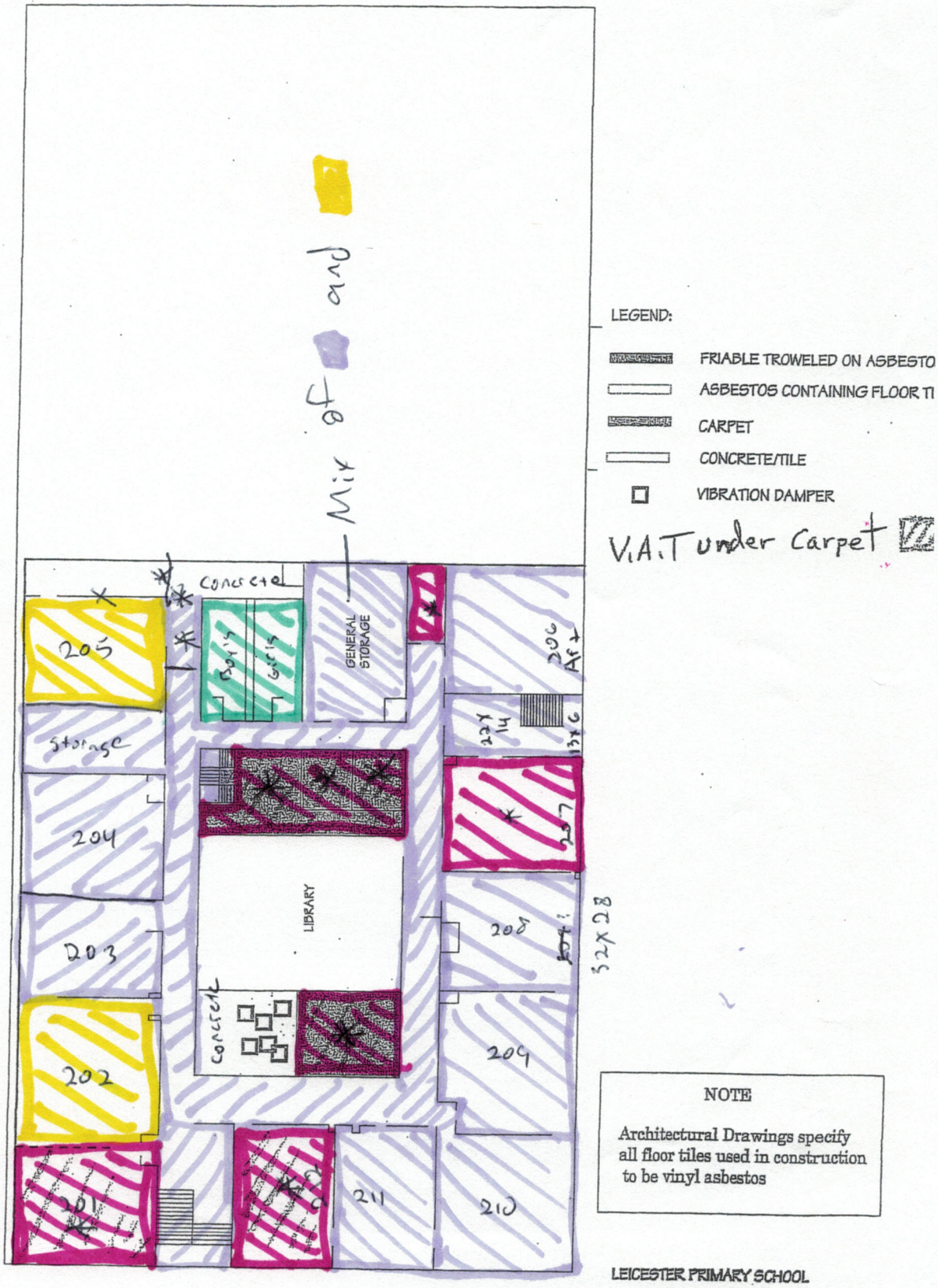
LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524

FIRST FLOOR PLAN

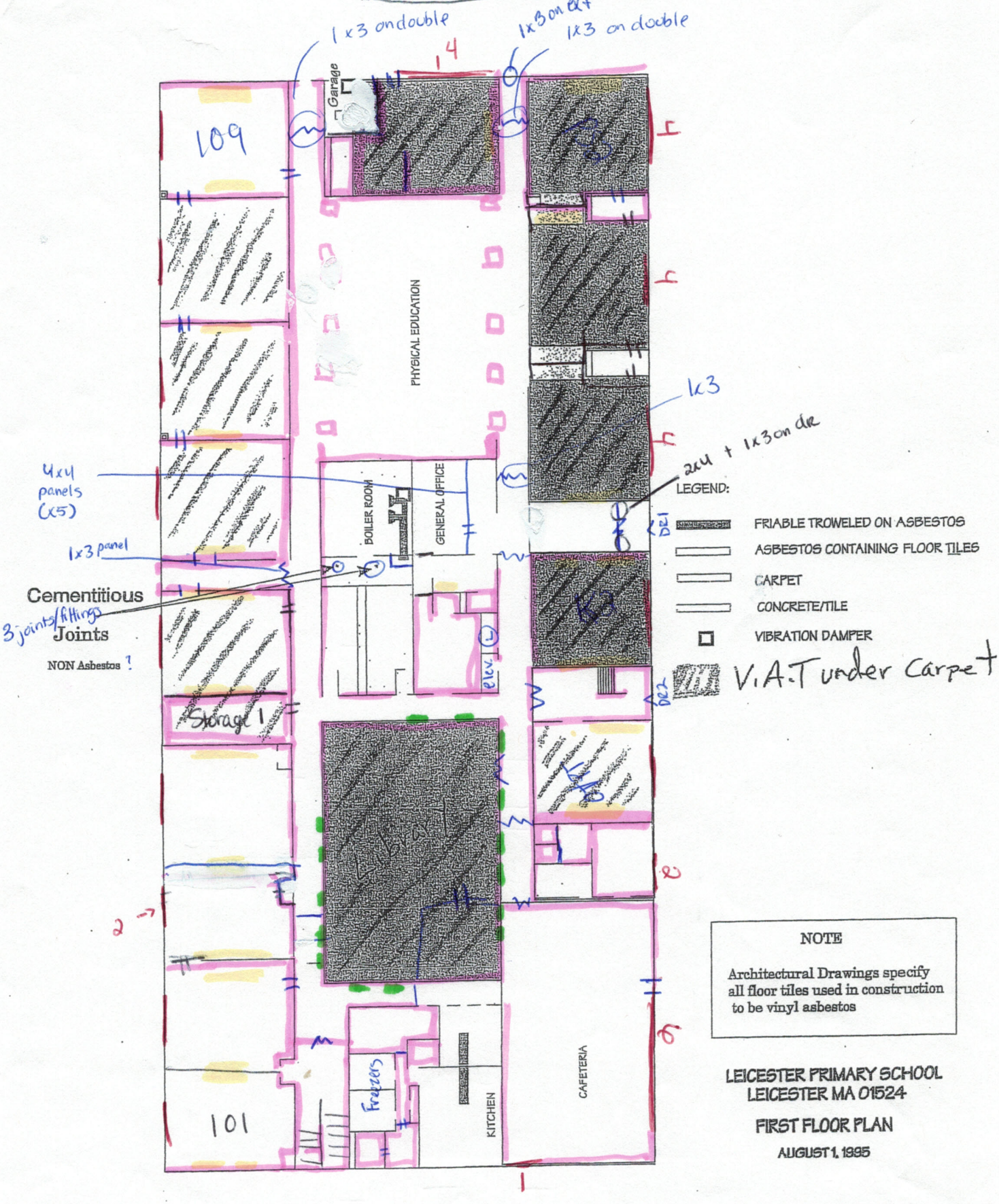
AUGUST 1, 1995

Flooring 2nd floor



Flooring

Misc. materials



NOTE

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LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524

FIRST FLOOR PLAN

AUGUST 1, 1985

Misc. materials

LEGEND:

FRIABLE TROWELED ON ASBESTO

ASBESTOS CONTAINING FLOOR TI

CARPET

CONCRETE/TILE

VIBRATION DAMPER

V.A.T under Carpet

NOTE

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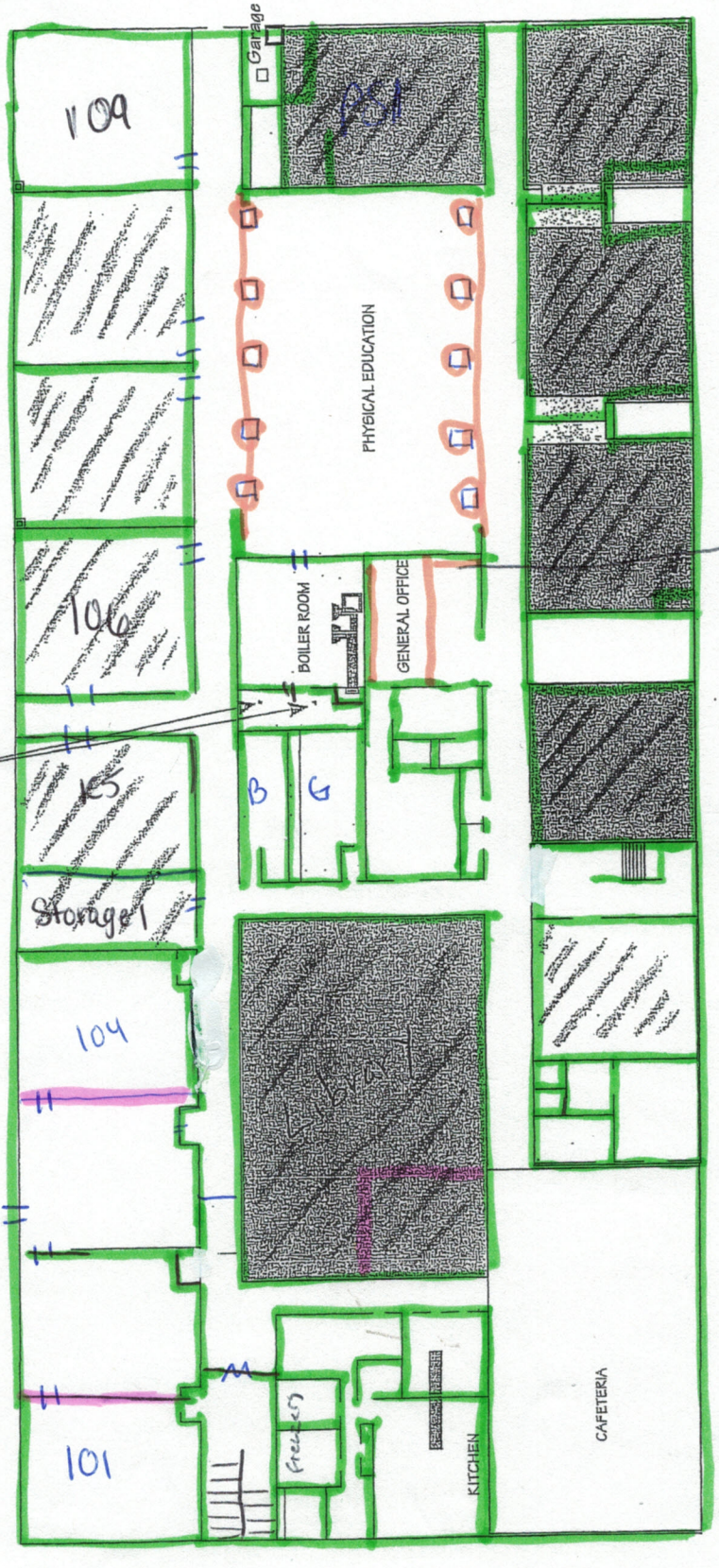
LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524
SECOND FLOOR PLAN
AUGUST 1, 1995

Walls



NOTE

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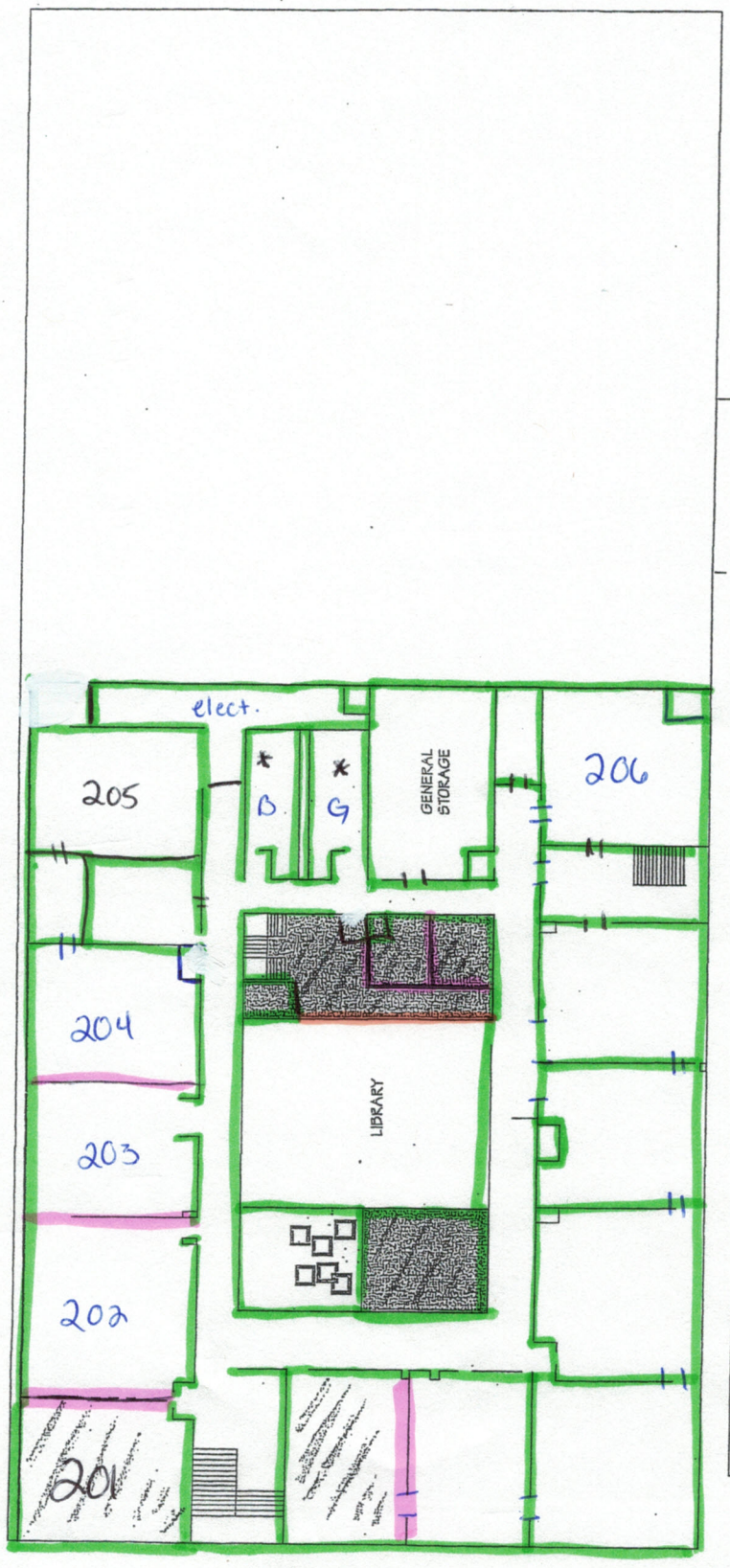
LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524

FIRST FLOOR PLAN

AUGUST 1, 1995

Walls



LEGEND:

FRIABLE TROWELED ON ASBESTO

ASBESTOS CONTAINING FLOOR TI

CARPET

CONCRETE/TILE

VIBRATION DAMPER

V.A.T under Carpet

* Speed tile baseboard

NOTE

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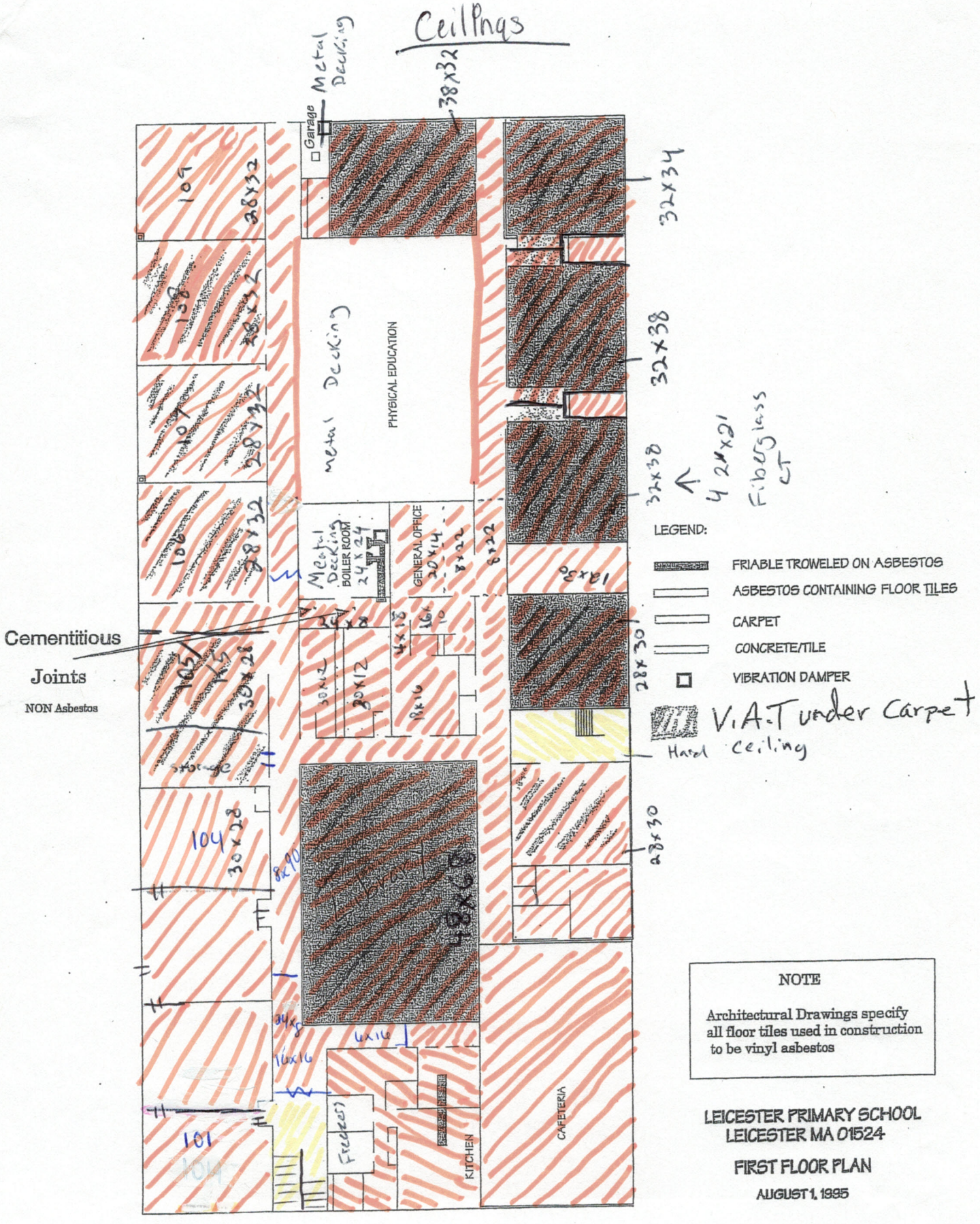
LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524
SECOND FLOOR PLAN
AUGUST 1, 1995



NOTE

Architectural Drawings specify all floor tiles used in construction to be vinyl asbestos

LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524

FIRST FLOOR PLAN

AUGUST 1, 1995

Ceilings

LEGEND:

FRIABLE TROWELED ON ASBESTO

ASBESTOS CONTAINING FLOOR TI

CARPET

CONCRETE/TILE

VIBRATION DAMPER

V.A.T under Carpet

NOTE

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LEICESTER PRIMARY SCHOOL
LEICESTER MA 01524
SECOND FLOOR PLAN
AUGUST 1, 1995

B. Management Plan Documentation (AHERA Policies)

- Abatement Policy
- Training Policy
- Notification Policy
- Short Term Worker Policy
- Record Keeping Policy
- Designated Person Statement
- Assurance of Accreditation

Abatement Policy

It is the policy of the Leicester Public Schools that asbestos removal, repair and/or O&M activities will be conducted by contract personnel. All contracted personnel will be licensed under the Commonwealth of Massachusetts and will be accredited thought the Environmental Protection Agency Model Accreditation Program.

ORGANIZATIONAL CHART

The following is an administrative/organizational chart identifying personnel involved with the asbestos operations and maintenance program (O&M) at this facility:

Name	Title	Phone Number
David White	Designated Person	508-450-3920
Hub Testing Laboratory	Contracted Inspector Management Planner Project Designer Project Monitor	781-893-8330

1. Although these individuals will be responsible for the execution of the Operations and Maintenance Program for this facility, they will not perform any of the O&M functions themselves.

2. An outside contractor(s) under the direction of the Designated Person and the certified Asbestos Abatement Project Designer will conduct the necessary abatement activity.

3. If unable to contact the above parties, coordination should be conducted through the Superintendent of Schools, Catherine A. Stickney.

DESIGNATED PERSON'S RESPONSIBILITIES

The Designated Person's responsibilities include the following:

a. Become knowledgeable of the results of the asbestos inspection.

b. Have a working knowledge and understanding of the Management Plan.

c. Ensure that all asbestos related activities are performed by appropriately trained individuals.

d. Employ the services of outside consulting and contract personnel to assist in the implementation of the Management Plan.

e. Comply with all federal, state and local regulations.

CUSTODIAL AND MAINTENANCE STAFF RESPONSIBILITIES

The custodial and maintenance staff responsibilities include:

a. Know and understand where ACBM is located in the building.

b. Be able to recognize material, which has become damaged and requires a response.

c. Know who the Designated Person is.

d. Help to verify that the outside contractors do not damage an in-place ACBM.

e. Notify the Designated Person of any observed changes to an existing ACBM.

PROHIBITED WORK/MAINTENANCE ACTIVITIES

All employees are prohibited from the following activities

a. Holes must not be drilled into asbestos-containing materials except where previously described using proper procedures.

b. Plants or pictures must not be hung on structures covered with asbestos-containing materials

c. Do not saw, sand or drill asbestos-containing floor tile except where previously described using proper procedures.

d. Do not damage asbestos-containing materials while moving furniture or other objects.

e. Do not install curtains, drapes, or dividers in such a way that they damage asbestos containing materials.

f. Do not dust floors, ceilings, molding, or other surfaces in asbestos-contaminated environments with a dry brush or sweep with dry broom.

g. Do not use an ordinary vacuum to clean up asbestos-containing debris.

h. Do not remove asbestos-containing ceiling tiles.

i. Do not remove ventilation system filters while dry.

j. Do not shake ventilation system filters.

When non-friable ACBM is likely to become friable as a result of activities performed in the building, the material must be treated as if it were friable.

RESPONSE PROCEDURES IN DISASTROUS SITUATIONS

In disastrous situations such as tornadoes, fires, floods and earthquakes; asbestos containing materials may suffer significant damage and therefore release asbestos fibers and pose immediate hazards to human health and environment. The following procedures should be followed in these situations:

a. Protect yourself from immediate danger before following any asbestos response procedures.

b. Remove unauthorized personnel and restrict access.

c. As soon as the immediate emergency has passed, vacate the area.

d. Contact the Designated Person or his/her assistant and follow their instructions.

e. The Designated Person will be responsible for contacting the Response Team or an asbestos abatement contractor and must issue a work permit order before the start of any asbestos abatement procedures.

f. The Designated Person shall notify state and local authorities when required.

g. The contractor must immediately take all measures to vacate the area of unauthorized personnel, put up warning and danger signs, and rope-off or close off the area.

h. The Designated Person and his/her agent (Project Monitor) shall oversee a post-work inspection to assure that all asbestos-containing materials have been properly removed or repaired and cleaned-up prior to re-occupancy.

Training Policy

A. TRAINING PROGRAM

The key element in initiating and carrying out this Asbestos Operations and Maintenance Plan is the building custodial and maintenance staff. This group is responsible for daily awareness of ACM as they perform their tasks. The custodial and maintenance staff will report any indication of potential problems resulting from changes of ACM condition, area use, or in maintenance practices. The custodial and maintenance staff will receive the 2-Hour Awareness Training. The following elements should be presented in the training programs:

Custodial and Maintenance Personnel

a. Introduction – General background on asbestos including history, common uses of asbestos in building materials, explanation of the Asbestos Operations and Maintenance Plan in Policy, abatement efforts to date if applicable, etc.

b. Medical/Mechanisms for Exposure – Condensed version of medical review from the 16 hour "Operations and Maintenance" training, along with similar mechanisms for exposure, with emphasis on fiber entrainment mechanisms.

c. Location of ACBM and Presumed ACBM

d. Recognition of damage, deterioration and delamination of ACBM.

e. Name and telephone number of the Designated Person.

f. Availability and location of Management Plan.

g. Review of Management Plan Policies.

School Administration

Same as above however special attention will be made to the Administrations responsibility of over sight of potential asbestos concerns in their schools.

In-house IT and contracted IT Personnel

Same as above however special attention will be made to the potential asbestos concerns regarding running wires, drilling through walls, disturbing ceiling tiles and other building materials they may come in contact with in their daily operations.

B. TRAINING UPDATE

Training update sessions should be provided annually. The updating sessions should include all items listed in paragraph A – Training Program, plus any new issues or concerns, which may have arisen between sessions.

All custodial and maintenance staff and the Custodial and Maintenance Supervisors as well as IT Personnel shall attend the update in-service training annually.

School Administration shall attend the update in-service training as necessary.

All training records should be kept with the Asbestos O&M Plan.

C. NEW EMPLOYEE TRAINING

Each new employee will be trained in asbestos 2-Hour Awareness Training as part of his/her orientation program within 60 days of hire.

Each new employee will be given a tour of the areas where ACM is located.

All training records should be kept with the AHERA record keeping program.

D. REQUIRED AND RECOMMENDED* TRAINING COURSES FOR EMPLOYEES INVOLVED IN THE O&M PLAN

Custodial & Maintenance Personnel	2-Hour Awareness Training
*IT Professionals	2- Hour Awareness
*School Administration	2-Hour Awareness
Designated Person	LEA Designated Person/Asbestos Coordinator Training

*recommended; however not mandated by regulation.

E. APPROVED ASBESTOS TRAINING SOURCES

Providers Name	City/State	Phone Number
(Awareness Training)		
Hub Testing Laboratory	**Waltham MA**	**781-893-8330**
(Designated Person Training)		
Institute for Environmental Education	**Wilmington MA**	**978-658-5272**

Notification Policy

Notification of asbestos containing materials and associated activates will take place in three forms; a notification to occupants as to the availability of the AHERA Inspections and Management Plan, an update on asbestos related activities within the schools and a notification as to the potential for asbestos containing materials to be present in routine mechanical spaces.

A. Availability of the AHERA Inspection and Management Plan.

Annually the parents, guardians, employees and occupants will be notified as to the availability of the Asbestos Hazard Emergency Response Act Asbestos Inspections and Management Plan.

This notification will be conducted through:

A notice in the annual calendar sent out at the beginning of the school year and a notice located on the school systems website.

B. Update of asbestos related activities.

Annually at the beginning of the school year the parents, guardians, employees and occupants will be notified as to the current status of asbestos related activities in the schools. This will cover items such as periodic surveillances, inspections, and abetment activities.

This notification will be conducted through:

A posting on the school systems website.

C. Location of asbestos containing materials in routine maintenance areas.

The presence of asbestos containing materials will be posted in routine maintenance areas.

This notification will be conducted through:

The placement of yellow warning stickers immediately inside routine maintenance areas where asbestos containing materials are located. These will be areas such as crawlspaces, boiler rooms and electrical equipment spaces. The stickers will be standard manufactured in a bright yellow color. The wording shall be “Caution. Asbestos. Hazardous. Do Not Disturb Without Proper Training and Equipment.”

Short Term Workers Policy

All short term workers who may come in contact with known or suspect asbestos containing materials should be made aware of the presence of asbestos in the Leicester Public Schools and adjust their work accordingly. If they feel their work may impact upon asbestos in the school buildings they should be in direct contact with the Designated Person to verify the possibility. If this is the situation the asbestos consultant should be called to confer or redirect activity so as not to disturb ACBM. A sign-in sheet and copy of the AHERA materials chart will be placed at the office of each school.

In addition, a letter about the presence of asbestos containing materials was sent to contractors who continuously work within the district.

SHORT TERM WORKER
(Tel. repair personnel, plumbers, heating contractors etc.)

Name	Company	Date	Reason For Work	Have You Reviewed The Location Of ACBM Or Suspect ACBM	Will Your Work Impact ACBM Or Suspect ACBM

(Note: attached to this form is a copy of the Homogenous Material Chart for reference)

*If your work in the building has the potential of impacting asbestos containing materials or assumed asbestos containing materials, please contact David White at 508-450-3920.

NOTICE TO CONTRACTORS

To: All contractors who perform work in the Leicester Public School District

Date: January 29, 2019

From: David White, Director of Facilities

RE: Presence of Asbestos-Containing-Materials in the Leicester Public School District

Your work in the Leicester Public School District may disturb Asbestos-Containing Materials. Please review the AHERA plan on file at each school's office before proceeding with your work.

Materials may include:
Ceiling tiles, floor tiles, all 9X9 tile, Boiler insulation, pipe & elbow insulation, spray-on textured ceiling.

Disturbing Asbestos-Containing Materials and Presumed Asbestos-Containing Materials.
If you suspect material may contain asbestos, contact the district's designated person, David White at 508-892-7040 before disturbing it.

Personnel must be trained and authorized to disturb asbestos-containing materials. Personnel must follow Operations and Maintenance procedures to ensure that school occupants are not exposed to asbestos dust, and ensure that asbestos dust does not contaminate building areas. A licensed Asbestos Contractor is required when more than 3 square feet or 3 linear feet is disturbed. Labels are located on asbestos-containing materials located in non-public mechanical area. The lack of a label does not demonstrate that the material does not contain asbestos.

Please sign below and return this document to the Director of Facilities as an agreement that you have been notified of the presence of asbestos-containing materials, and your acceptance that you will not disturb suspect asbestos-containing materials.

_____

Printed Name Company

_____

Signature Date

Leicester Contractor Listing

Renaud HVAC
18 Providence Road
Sutton, MA 01590
Ken Boutiette, Service Manager

Renaud Electrical
18 Providence Road
Wilkinsonville, MA 01590
David Whamond, Service Manager

RH White Construction
41 Central Street
Auburn, MA 01501
Chris Mayhin

William F Lynch Company
50 Millbrook Street
Worcester, MA 01606
Scott Blanchard, Service Manager

Record Keeping Policy

All records associated with asbestos related activities in the Leicester Public Schools will be maintained in the Office of David White, Designated Person, located at 3 Washburn Square, 3rd Floor, in Leicester, Massachusetts. All records associated with asbestos related activities as they pertain to individual schools will also be maintained in each school's office in a central location.

The following records are required to be maintained for each type of activity:

Preventative Measure and Response Action for Friable and Non-Friable

A. A detailed written description of measures or action taken.
Including:
B. Method used
C. Reason for choosing method
D. Start and completion dates
E. Name and addresses of all contractors involved
F. State accreditation and accreditation numbers
G. Name an location of disposal facility

For Any Air Samples That Are Collected For Completion Purposes

A. Name and signature of any person collecting completion air samples
B. Location where samples were collected
C. Date of collection
D. Name and address of laboratory analyzing samples
E. Date of analysis
F. Results of analysis
G. Method of analysis
H. Name and signature of person performing analysis
I. Laboratory compliance with accreditation requirements

For Each Persons Required To Be Trained Under Section 763.92 (A) (1) (2) (Awareness And Associated Worker Training)

A. Person's name
B. Job title
C. Date training was conducted
D. Location of the training
E. Number of hours of training completed

For Each Time That Periodic Surveillance Is Conducted

A. Name of person performing surveillance
B. Date of surveillance
C. Any changes in the condition of the known or assumed asbestos containing materials

For Each Time Cleaning Is Performed Under 763.91 c

A. Person performing cleaning,
B. Date of cleaning
C. Location cleaned
D. Method used to clean

For each O&M activity is conducted

A. Name of each person involved in activity
B. Start and completion date of activity
C. Location where activity occurred
D. Description of activity
    i. including
F. Preventative measures used
G. If ACBM is removed name and location of disposal facility

For Each Major Abatement Activity

H. Name and signature of each person performing activity
I. State and number of accreditation of each person performing activity
J. Start and completion date
K. Location where activity occurred
L. Description of activity including preventative measures
M. Name and location of disposal facility

For Each Fiber Release Episode

A. Date of episode
B. Location of episode
C. Method of repair
D. Preventative measures or response action taken
E. Name of each person performing work
F. Name and location of disposal facility

In addition copies of notifications made to parents, guardians, employees and occupants will be maintained. This will be a hard copy of the notification placed in the schools web page and in the annual calendar.

Mr. David White
Designated Person
Director of Facilities
Leicester Public Schools
3 Washburn Square, 3rd Floor
Leicester, MA 01524

As Designated Person for the Leicester Public Schools, I will hereby:

- Ensure that activities of any persons that perform inspections, re-inspection, and periodic surveillance, develop and up date Management Plans, and implement response actions, including operations and maintenance activities, are carried out in accordance with 40 CFR Part 763 Subpart E.
- Ensure that all custodial and maintenance employees are properly trained as required by 40 CRF Part 763 Subpart E and other applicable federal and/or state regulations (e.g., the OSHA standards for construction, EPA worker Protection Rule, and/or applicable state regulations).
- Ensure that workers and building occupants or their legal guardians are informed at least once each year about inspections, response actions, and post response action activities including periodic re-inspection and surveillance activities that are planned or in progress.
- Ensure that short term workers (e.g., telephone repair workers, utility workers, computer wiring technicians, exterminators, etc.) who may come into contact with asbestos in a school are provided information regarding the location of ACBM and suspect ACBM assumed to be ACM.
- Ensure that warning labels are posted in accordance with 40 CFR Part 763.95.
- Ensure that Management Plans are available for inspection and notification of their availability has been provided as specified in the Management Plan and under 40 CFR Part 763.93 (g).
- Furthermore, I hereby state that I am/will be trained with a basic knowledge of:
    - Health effects of asbestos
    - Detection, identification and assessment of ACM
    - Options for controlling ACBM
    - Asbestos management programs
    - Relevant federal and state regulations concerning asbestos, including those in 40 CFR Part 763 Subpart E and those of the Occupational safety and Health Administration, US Department of Labor, the US Department of Transportation and the US Environmental Protection Agency.

Mr. David White
Director of Facilities
Leicester Public Schools

Mr. David White
Designated Person
Director of Facilities
Leicester Public Schools
3 Washburn Square, 3rd Floor
Leicester, MA 01524

As Designated Person of the Leicester Public Schools, I hereby assure that all persons who have or will:

- Inspect for ACBM in school buildings,
- Prepare Management Plans for such buildings,
- Design response actions and/or abatement activities and/or
- Conduct response actions with respect to friable and non friable ACBM in such schools

shall be accredited as required by federal and state regulations.

Mr. David White
Director of Facilities
Leicester Public Schools

INSTITUTE FOR ENVIRONMENTAL EDUCATION, INC.

16 Upton Drive, Wilmington, MA 01887
(Phone) 978.658.5272

IEE IEE

This is to certify that
David White

has attended the 8-hour course

Asbestos Coordinator/ LEA Designated Person

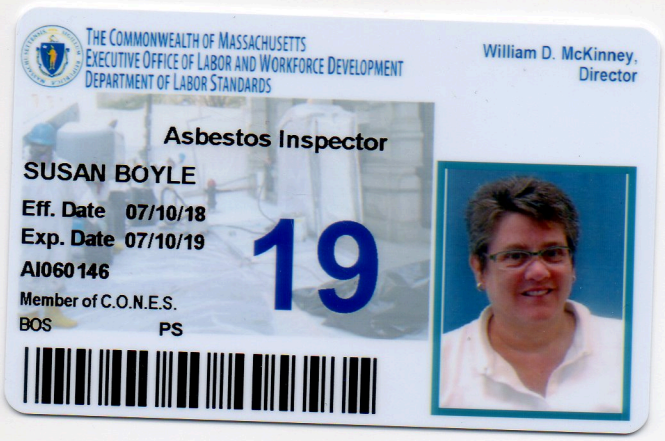
May 26, 2009
Course Dates

Course Location
Institute for Environmental Education
16 Upton Drive
Wilmington, MA 01887

09-3905-107-240270
Certificate Number

Training Director

C. Credentials


THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
William D. McKinney,
Director
Asbestos Inspector
SUSAN BOYLE
Eff. Date 07/10/18
Exp. Date 07/10/19
AI060146
19
Member of C.O.N.E.S.
BOS
PS

This is to certify that

Susan Boyle

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location
Institute for Environmental Education
16 Upton Drive Wilmington, MA 01887

June 21, 2018	June 21, 2018	
Course Dates	Examination Date	
18-1198-106-202989	June 21, 2019	
Certificate Number	Expiration Date	Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS

William D. McKinney,
Director

Asbestos Inspector

LYNNE BRIMHALL

Eff. Date 12/19/18

Exp. Date 12/19/19

19

AI061691

Member of C.O.N.E.S.

HVR HV-11/19/19

This is to certify that

Lynne G. Brimhall

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education
16 Upton Drive Wilmington, MA 01887

November 19, 2018	**November 19, 2018**	
Course Dates	Examination Date	
18-1208-106-231902	**November 19, 2019**	
Certificate Number	Expiration Date	Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
William D. McKinney,
Director
Asbestos Management Planner
LYNNE BRIMHALL
Eff. Date 12/19/18
Exp. Date 12/19/19
19
AP900405
Member of C.O.N.E.S.
HVR
HV-11/19/19

This is to certify that

Lynne G. Brimhall

has completed the requisite training, and has passed an examination for reaccreditation

Asbestos Management Planner Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education
16 Upton Drive Wilmington, MA 01887

November 19, 2018
Course Dates

18-1221-136-231902
Certificate Number

November 19, 2018
Examination Date

November 19, 2019
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

THE COMMONWEALTH OF MASSACHUSETTS

EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT

DEPARTMENT OF LABOR STANDARDS

19 STANIFORD STREET, BOSTON, MASSACHUSETTS 02114

CERTIFICATION FOR ASBESTOS ANALYTICAL SERVICES

PROSCIENCE ANALYTICAL SERVICES, INC.
22 CUMMINGS PARK
WOBURN MA 01801-2122

LICENSE: **AA000156** EXPIRES: **Monday, December 16, 2019**

IN ACCORDANCE WITH MGL CH. 149 § 6B AND 453 CMR 6.08 THIS CERTIFICATE IS ISSUED BY THE DEPARTMENT OF LABOR STANDARDS TO THE ABOVE NAMED ENTITIY TO PROVIDE THE ASBESTOS ANALYTICAL SERVICES SPECIFICALLY LISTED BELOW.

CLASS A CERTIFICATE
CLASS C CERTIFICATE
CLASS D CERTIFICATE

William D. McKinney

WILLIAM D. MCKINNEY, DIRECTOR

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200090-0

ProScience Analytical Services, Inc.

Woburn, MA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2019-01-01 through 2019-12-31

Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program

NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ProScience Analytical Services, Inc.
22 Cummings Park
Woburn, MA 01801-2122
Ms. Aimee Cormier
Phone: 781-935-3212 Fax: 781-932-4857
Email: aimee.cormier@proscience.net
http://www.proscience.net

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200090-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	*Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

D. Laboratory Report

ProScience Analytical Services, Inc

Jennifer Dakai
Hub Testing Laboratory, Inc.
95 Beaver St.
Waltham, MA 02453

April 25, 2019

Dear Jennifer Dakai,

The enclosed analytical results have been obtained by using EPA 600/R-93/116 or EPA 600/M4-82-020. Calibrated Visual Estimate (CVE) is used by ProScience for the determination of the percentage of asbestos and other components in the sample. Point Counting is recommended when the sample contains less than 10% asbestos by CVE. Friable materials found to be less than 1% by CVE are automatically point counted (400 points) at no additional charge. ProScience recommends further analysis by a gravimetric method for non-friable materials that are less than 1% by CVE.

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. Unless otherwise indicated, all samples were received in acceptable condition.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced except in its entirety, without the permission of ProScience Analytical Services, Inc., Laboratory Director.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Sophetra Ken, Optical Asbestos Manager

Aimee Cormier, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 115490 CLIENT PROJECT ID: 28676
Client Ref: Primary School
CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-1	Multi	0	0	0	0	0	0	0	50	30	0	0	0	20

Description: 2x2 Thin Fissured Ceiling Tile w/Lots of Dots
Location: Kitchen Serving
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-2	Multi	0	0	0	0	0	0	0	50	30	0	0	0	20

Description: 2x2 Thin Fissured Ceiling Tile w/Lots of Dots
Location: 219 Storage
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-3	Multi	0	0	0	0	0	0	0	50	30	0	0	0	20

Description: 2x2 Thin Fissured Ceiling Tile w/Lots of Dots
Location: Room 203
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-4	Multi	0	0	0	0	0	0	0	40	40	0	0	0	20

Description: 2x2 Thin Fissured Ceiling Tile w/Lots of Dots
Location: Boy's Bath 2
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-5	Multi	0	0	0	0	0	0	0	40	40	0	0	0	20

Description: 2x2 Thin Fissured Ceiling Tile w/Lots of Dots
Location: 1st Floor Hallway
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-6	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU
Location: Room 119
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-7	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU
Location: Cafeteria near Dish Room
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-8	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU
Location: Hall at Physical Education
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-9	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Grout
Location: Room 119
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-10	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Grout
Location: Cafeteria near Dish Room
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-11	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Grout
Location: Hall at Physical Education
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-12	Multi	0	0	0	0	0	0	<1	0	25	0	0	0	75

Description: Sheetrock
Location: Main Office Wall
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-13	Multi	0	0	0	0	0	0	<1	0	40	0	0	0	60

Description: Sheetrock
Location: Physical Education Wall
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-14	Multi	0	0	0	0	0	0	<1	0	40	0	0	0	60

Description: Sheetrock
Location: Physical Education Wall Abutting PS1
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-15	Yellow	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: Joint Compound
Location: Soffit
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-16		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: Physical Education Column
Comments: Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-17		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: Physical Education Wall Abutting PS1
Comments: Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-17A		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: Main Office
Comments: Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

REVISED 4-30-19

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-17B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: Physical Education Wall
Comments: Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-18	Black	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: Sink Undercoating, Black
Location: Room 103
Comments: Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-19		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Sink Undercoating, Black
Location: Room 206
Comments: Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-20		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Sink Undercoating, Black
Location: Room 201
Comments: Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-21	Pink	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: Sink Undercoating, White
Location: Teacher's Prep
Comments: Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-22	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Olive Cove Base Mastic
Location: OT/PT
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-23	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Olive Cove Base Mastic
Location: Room 209
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-24	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Olive Cove Base Mastic
Location: Room 208
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-25	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Cove Base Mastic
Location: Room 201
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-26	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Cove Base Mastic
Location: 1st Floor, Rear Hall, Left Side of Building
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-27	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Cove Base Mastic
Location: Room 204
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-28	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Cove Base Mastic
Location: Library
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-29	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Cove Base Mastic
Location: Room 106
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-30	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Cove Base Mastic
Location: Room 212
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-31	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Carpet Cove Base Mastic
Location: Main Office Hall
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-32	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Carpet Cove Base Mastic
Location: Room 105
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-33	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Carpet Cove Base Mastic
Location: PS3
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-34	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Cove Base Mastic
Location: Room K2
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-35	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Cove Base Mastic
Location: Kitchen Bathroom
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-36	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Cove Base Mastic
Location: Room 213
Comments: Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-37	Red	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: Red Firestop
Location: Custodian Closet 6
Comments: Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-38		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Red Firestop
Location: Kitchen Serving
Comments: Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-39		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Red Firestop
Location: Cafeteria
Comments: Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-40	Multi	0	0	0	0	0	0	100	0	0	0	0	0	0

Description: Vibration Dampener
Location: Dampener assoc. w/Round Header of Boilers
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hub Testing Laboratory, Inc.
PO #: N/A
Client Project #: 28676
Client Reference: Primary School
Method: EPA/600/R-93/116

Batch: B115490
Date Sampled: N/A
Date Received: 4/24/2019
Date Analyzed: 4/25/2019
Date of Report: 4/25/2019

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-41	White	0	0	0	0	0	0	0	35	0	0	0	0	65

Description: TSI
Location: Custodial Closet 6 in Chase
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-42	White	0	0	0	0	0	0	0	35	0	0	0	0	65

Description: TSI
Location: Custodial Closet 5 above Ceiling Tiles
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-43	White	0	0	0	0	0	0	0	35	0	0	0	0	65

Description: TSI
Location: Boy's Bath 2
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-44	Tan	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: TSI
Location: Tank Insulation
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-45		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: TSI
Location: Tank Insulation
Comments: Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
28676-46	Gray	70	0	0	0	0	0	0	0	0	0	0	0	30

Description: Fan Exhaust Insulation
Location: Kitchen Insulation from fan Exhaust
Comments: Is asbestos present? Yes. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Dan Pine

Client Name: Hub Testing Laboratory, Inc.
Client Project #: 28676
Client Reference: Primary School

Batch: B 115490
Date Received: 4/24/2019
Date Due: 4/25/2019
Stop on first pos: (Yes) or No

Batch: B 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
28676-1	2x2 Thin Fissured Ceiling Tile w/Lots of Dots	DP	0	NC	N	F	Y															IW					
																						50	30				20
28676-2	2x2 Thin Fissured Ceiling Tile w/Lots of Dots		0	NC	N	F	Y															IW					
																						50	30				20
28676-3	2x2 Thin Fissured Ceiling Tile w/Lots of Dots		0	NC	N	F	Y															IW					
																						50	30				20
28676-4	2x2 Thin Fissured Ceiling Tile w/Lots of Dots		0	NC	N	F	Y															IW					
																						40	40				20
28676-5	2x2 Thin Fissured Ceiling Tile w/Lots of Dots		0	NC	N	F	Y															IW					
																						40	40				20
28676-6	CMU		0	GY	Y	GN	N																				
																											100
28676-7	CMU		0	GY	Y	GN	N																				
																											100
28676-8	CMU		0	GY	Y	GN	N																				
																											100

DP 4/25/19

QC by: Sophelia Allen 4/25/19

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: B 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
28676-9	CMU Grout	DB	0	GY	Y	GN	Y																				100
28676-10	CMU Grout		0	GY	Y	GN	Y																				100
28676-11	CMU Grout		0	GY	Y	GN	Y																				100
28676-12	Sheetrock		0	MC	N	F GN	Y														I		W				75
																					<1		25				
28676-13	Sheetrock		0	MC	N	F GN	Y														I		W				60
																					<1		40				
28676-14	Sheetrock		0	MC	N	F GN	Y														I		W				60
																					<1		40				
28676-15	Joint Compound		0	Y	Y	GN	Y	W	II	+	L	N	1.104	1.151	2												98
28676-16	Joint Compound DNA																										
28676-17	Joint Compound DNA																										
28676-17A	Joint Compound DNA																										

Comments: DB 4/25/19

QC by: Sepheta Thee 4/25/19

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: B 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
28676-17B	Joint Compound DNA	DP	0	Y	Y	GN	Y																				~~100~~ DP
28676-18	Sink Undercoating, Black DP		0	BK	Y	+	N	W	II	+	L	N	1.174	1.187	2												98
28676-19	Sink Undercoating, Black DNA																										
28676-20	Sink Undercoating, Black DNA																										
28676-21	Sink Undercoating, White ~~SK 4/30/19 DNA~~ EC			P K	Y	Sm	N	W	P	+	L	N	1.555	1.571	5												95
28676-22	Olive Cove Base Mastic DP		0	DK BR	Y	H	N																				100
28676-23	Olive Cove Base Mastic		0	BR	Y	H	N																				100
28676-24	Olive Cove Base Mastic		0	BR	Y	H	N																				100
28676-25	Tan Cove Base Mastic		0	T	Y	H	N																				100
28676-26	Tan Cove Base Mastic		0	MC	N	R H	N																				100

Comments: DP 4/25/19

QC by: [signature] 4/25/19

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
28676-27	Tan Cove Base Mastic	DP	O	DK BR	Y	H	N																				100
28676-28	Gray Cove Base Mastic		O	Y	Y	R	N																				100
28676-29	Gray Cove Base Mastic		O	MC	N	H/R	N																				100
28676-30	Gray Cove Base Mastic		O	MC	N	R/H	N																				100
28676-31	Carpet Cove Base Mastic		O	BR	Y	H	N																				100
28676-32	Carpet Cove Base Mastic		O	BR	Y	H	N																				100
28676-33	Carpet Cove Base Mastic		O	MC	N	R	N																				100
28676-34	Black Cove Base Mastic		O	MC	N	R/H	N																				100
28676-35	Black Cove Base Mastic		O	T	Y	R	N																				100
28676-36	Black Cove Base Mastic		O	Y	Y	R	N																				100

Comments: DB 4/25/19

QC by: Sophelia 4/25/19

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: B 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
28676-37	Red Firestop	DP	O	R	Y	R	N	W	IL	+	L	N	1.154	1.177	5												95
28676-38	Red Firestop	DNA																									
28676-39	Red Firestop	DNA																									
28676-40	Vibration Dampener	DP	O	MC	Y	F	Y														I						
																					100						
28676-41	TSI		O	WH	Y	F/P	Y															I					65
																						35					
28676-42	TSI		O	WH	Y	F/P	Y															I					
																						35					65
28676-43	TSI		O	WH	Y	F/P	Y															I					
																						35					65
28676-44	TSI		O	T	N	G/N	Y	W	IL	+	L	N	1.164	1.167	2												
																											98
28676-45	TSI	DNA																									
28676-46	Fan Exhaust Insulation	DP	80	64	Y	F	Y	W	IL	+	L	N	1.164	1.177	70												
																											30

Comments: DP 4/25/19

QC by: [signature] 4/25/19

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: B 115490

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous

Analyzed By / Date: Darlene 4/25/19 **QC By / Date:**

Fax, Email, Verbal Results By / Date:

# of Samples: 48

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

ProScience *Analytical Services, Inc.* www.proscience.net
22 Cummings Park, Woburn, MA 01801 T: 781-935-3212 F: 781-932-4857 general@proscience.net

TAT (circle one)

3 Hours 6 Hours Same Day Next Day
2 Days 3 Days 5 Days Other _____
TAT in bus. days - lab approval required for rush analysis

PASI Batch # B115490

PLM
Chain of Custody

Client: Hub Testing Laboratory
Address: 95 Beaver St
Waltham, MA 02453
Project #: 28676 PO:
Project Site: Primary School
Contact: Jenn Dakai
Tel. / Fax #: 781 893 8330
Email: JDakai@hubtesting.net/ EDonnelly@hubtesting.net

Stop on first positive*: Yes / No *If no selelction is made the lab will analyze all samples
Special Instructions: Stop @ 1st positive for each material
Relinquished By: Date/Time:
Received By Lab: Pauline Travill-Cole Date/Time: 4/24/19 11:45
Shaded area for lab use only. Due Date:
# of SamplesReceived: 48 Analyzed:
Results: email fax verbal By: Date:
Analyst / Date: QC by / Date:

Sample ID	Date Sampled	Description / Location	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: ∥	⊥	Asbestos Percentage (%): Chrysotile	Circle Type: Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non Asbestos Percentage (%): Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
28676-1																											
		See attached																									
28676-2																											

Comments: Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 201850, 229027, 235000, 231856 Lab uses the EPA or ELAP point count method as appropriate. SSAPE = Stereo Scope Asb. % Est.

ver 4.5 Updated 02/08/17

Each layer of multilayered materials are analyzed and charged individually (per NESHAP/EPA).

B115490

Hub ID	Material	Location
28676-1	2x2 Thin fissured ceiling tile with lots of dots	Kitchen serving
28676-2		219 storage
28676-3		Room 203
28676-4		Boy's bath 2
28676-5		1st floor hallway
28676-6	CMU	Room 119
28676-7		Cafeteria near dish room
28676-8		Hall at physical education
28676-9	CMU grout	Room 119
28676-10		Cafeteria near dish room
28676-11		Hall at physical education
28676-12	Sheetrock	Main office wall
28676-13		Physical education wall
28676-14		Physical education wall abutting PS1
28676-15	Joint compound	Soffit
28676-16		Physical education column
28676-17		Physical education wall abutting PS1
28676-17A		Main office
28676-17B		Physical education wall
28676-18	Sink undercoating	Black – Room 103
28676-19		Black – Room 206
28676-20		Black – Room 201
28676-21		White – Teachers prep
28676-22	Olive cove base mastic	OT/PT
28676-23		Room 209
28676-24		Room 208
28676-25	Tan cove base mastic	Room 201
28676-26		1st floor rear hall, left side of building
28676-27		Room 204
28676-28	Gray cove base mastic	Library
28676-29		Room 106
28676-30		Room 212
28676-31	Carpet cove base mastic	Main office hall
28676-32		Room 105
28676-33		PS3
28676-34	Black cove base mastic	Room K2
28676-35		Kitchen bathroom
28676-36		Room 213
28676-37	Red fire stop	Custodian closet 6
28676-38		Kitchen serving
28676-39		Cafeteria
28676-40	Vibration dampener	Dampener associated with round header of boilers
28676-41	TSI	Custodial closet 6in chase
28676-42		Custodial closet 5 above ceiling tiles
28676-43		Boys bath 2
28676-44		Tank insulation
28676-45		Tank insulation
28676-46	Fan exhaust insulation	Kitchen insulation from fan exhaust