



## ARLINGTON SCHOOL DISTRICT ARLINGTON HIGH SCHOOL, A BUILDING ASBESTOS SUMMARY

### -----CAUTION-----

*This report in Tab V will suffice to meet the AHERA and "Good Faith Survey" requirements for WISHA and PSCAA regulations & rules for most maintenance and minor repair activities. This report does not meet the regulatory requirements for demolition or renovations involving demolition into hidden areas. Before beginning any remodel, repair or utility work on this site each worker must take precautions to avoid disturbing asbestos. All workers in this building must have awareness training about asbestos materials and their locations. Any work on asbestos-containing materials MUST be performed by certified contractors.*

### **KNOWN AND POSSIBLE asbestos-containing building materials at the Arlington School District's Arlington High School, A Building. (DO NOT DISTURB THESE MATERIALS.)**

Acoustical plaster on walls and ceiling of auditorium, foyer and in some of the office areas that are adjacent to auditorium.

Stucco like finish in science storage room on third floor.

Thermal System Insulation (TSI) on water or heating lines throughout building.

Cement Asbestos Board (CAB) in windows, wall covering in mechanical drawing rm. & metal shop in basement and around special equipment in metal shop.

Poured cement-like base cove on second and third floors.

Poured cement top-coating material on stairs between floors. (This coating is orange in original color.)

Paper adhered to the concrete basement floor. This material covers the entire basement floor.

Vinyl sheet flooring (yellow) adhered to floor in paint shop area of the wood shop.

Original knob and tube wiring in building. (Seen in attic and hidden throughout building.)

Cloth like vibration cloth or flex connector on mechanical ductwork. (White or gray color.)

Base cove adhesive. (Dark brown or black in color.)

All 12 X 12 Floor tile and mastic. (Floor tile under carpet and other flooring.)

9 X 9 Floor tile and adhesive.

Vermiculite insulation. (<1%)

Window putty.

Stair-tread mastic. (Rubber stair-tread not asbestos containing, only mastic is asbestos.)

All roofing materials.

Black sink insulation or soundproofing.

Elevator brake shoes.

Stage lights, electrical cords.

Window putty

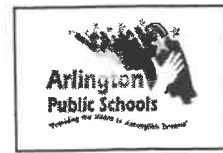
Elevator components

Stage curtain.

Gasket Materials on heating and plumbing equipment

Fire-doors

### **Non-asbestos-containing building materials at the Arlington School District's Arlington High School, listed on the back cover page (or last page).**



## CONTENT PAGE

- Tab I General data sheet for Arlington School District.
- Tab II Arlington School District's Designated Person responsible for asbestos Concerns in the Arlington School District.
- Tab III Specific building information including a statement about this building containing friable or non-friable asbestos materials. Inspector credentials.
- Tab IV Prior inspections.
- Tab V Building description including the materials in this building that may contain asbestos, where they are located, hazard assessment of friable asbestos materials and physical description of each material, sample summaries and locations of the samples taken.
- Tab VI Recommended response actions by the Management Planner.
- Tab VII Response actions to be implemented by building owner.
- Tab VIII Estimated costs for asbestos program for the Arlington School District.
- Tab IX Locations of friable asbestos and dates of response actions to be implemented.
- Tab X Surveillance program.
- Tab XI Re-inspection program.
- Tab XII Plan for operations and maintenance of the asbestos materials in this building. Recommendations for additional cleanings.
- Tab XIII Medical section for employees who work on asbestos containing materials.
- Tab XIV Training requirements for all building staff.
- Tab XV Employee, parent and short term worker notification.
- Tab XVI Record keeping requirements. (All required documentation will be found in the: "Arlington School District's Record Keeping Book".



## NOTICE

**IF ANY DISTURBANCE OF ASBESTOS CONTAINING MATERIAL OCCURS:**

CALL THOMAS WALTZ  
(360) 435-1309

**IF ANY QUESTIONS ARISE ABOUT ASBESTOS CONTAINING MATERIAL:**

CALL THOMAS WALTZ  
(360) 435-1309

This 2001 inspection has included a complete review of all of the previous inspections, including the original inspection. All of the previous inspections have been archived and this asbestos management plan supersedes all of these previous inspections. The relevant information from all previous inspections has been included into this plan.

## NOTICE AND DISCLAIMER:

This Management Plan was developed and written by the Arlington School District and their consultant, Colin MacRae, using their best judgment and the best information they had available to them concerning the Asbestos Hazard Emergency Response Act (AHERA) and the obligations the Arlington School District reasonably understands it has pursuant to such Act. However, the reader and user of this plan need to be aware that the asbestos regulations are complex and always changing. These requirements have not yet been fully interpreted consistently by regulators by the Federal Government or others in any way that can assure that all of the asbestos requirements are completed and fully addressed herein. Also, these statutes are likely to be amended from time to time and the requirements changed. Therefore, users of this plan, including but not limited to tenants, occupants, or visitors to the facilities covered by this plan, need to be alert to the limitations inherent in this Management Plan. Should such persons or organizations discover any situation that they believe needs additional review or consideration related to this plan, such person should, as soon as reasonably possible, call the situation to the attention of Arlington School District's representative identified in Tab II. The Arlington School District has made, and will continue to make, reasonable efforts to comply with AHERA, WISHA, PSCAA and other asbestos regulations to the extent it is made aware of its obligations to do so.





TAB II

Arlington School District's  
**LEA AHERA DESIGNATED PERSON**

*Thomas Waltz  
Director, Facilities  
410 N. Gifford St.  
Arlington, WA 98223  
(360) 435-1309*

*Asbestos training:*

*AHERA Management Planner (40 hours)  
AHERA Designated Person Training  
(Certificates are in the AHERA record-keeping book.)*

*Thomas Waltz also is an AHERA Building Inspector and Management Planner and accompanied the entire re-inspection process.*

Previous AHERA Designated Persons for the Arlington School District are archived in the director's files. Only current documentation or relevant information is kept in this plan.

# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



TAB III

**SCHOOL** Arlington High School, A Building

**GRADE SPAN:** 9 through 12

**PRINCIPAL:** Mr. Penny

**BUILDING SIZE:** 70,991 Sq. ft.

**2001 LEA BUILDING INSPECTOR(S):**

Colin MacRae  
2714 228<sup>th</sup> St SE  
Bothell, WA. 98021  
(425) 485-6980

Thomas Waltz  
410 N. Gifford St.  
Arlington, WA 98223  
(360) 435-1309

### **INSPECTOR CERTIFICATES:**

(See the school district's AHERA record-keeping book.)

This 2001 inspection has included a complete review of all of the previous inspections, including the original inspection. All of the previous inspections have been archived and this asbestos management plan supersedes all of these previous inspections. The relevant information from all previous inspections has been included into this plan.

### **AHERA requires a statement as to if Friable or Non-Friable asbestos containing building materials are present in this school building:**

*At the Arlington High School, A Building for the Arlington School District:*

#### **FRIABLE ACM IS PRESENT IN THIS BUILDING**

*The friable asbestos containing materials in this building include the acoustical wall and ceiling plaster in the auditorium area and the foyer and some office spaces next to the auditorium areas and the TSI located throughout the building that is friable because of potential for damage. These friable materials are in good condition and should not pose a hazard to building occupants if not disturbed. Training has been provided to district maintenance and custodial staff to prevent unintentional exposure. (See Tab V for details.)*

#### **NON-FRIABLE ACM IS PRESENT IN THIS BUILDING**

*There are many non-friable asbestos materials located in the Arlington High School, A Building. Details on what these materials are and where they are located can be found in Tab V of the book. A hazard could be presented to a person by their exposure to asbestos fiber from this material by inappropriate work practices. This hazard could occur when the sheeting (that is currently in good condition) is disturbed by unauthorized work. Training has been provided to district maintenance and custodial staff to prevent unintentional exposure.*

(See Tab V for locations)

INSPECTOR \_\_\_\_\_

INSPECTOR \_\_\_\_\_



## SURVEY BACKGROUND

The Arlington School District is performing their three-year re-inspection of their School buildings to meet the AHERA 3-year re-inspection requirements. Also, the Arlington School District made the determination to perform a complete asbestos inspection of all known asbestos containing building materials that had not been identified in previous asbestos inspections. Since the first inspection of the School buildings in 1989, there have been significant changes to the asbestos regulations and to what materials are governed and to be inspected for asbestos content. Also included in these changes are the methods in which many of these suspect asbestos materials are to be handled. Therefore, this report in Tab V will suffice to meet the AHERA and "Good Faith Survey" requirements for WISHA and PSCAA regulations and rules for most maintenance and minor repair activities. This does not necessarily meet the regulatory requirements for demolition or renovations involving demolition into hidden areas. Any demolition, renovation, repair or maintenance work performed on the Arlington School District buildings, shall conform to all pertinent provisions of the applicable WISHA and PSCAA and AHERA laws and regulations. This includes (but is not limited to) inspections, training, clothing, respirator protection, disposal, disclosure and monitoring.

## GENERAL BUILDING DESCRIPTION

The Arlington High School A Building was assembled during the 1930's. According to local historians, the high school was built under a work plan by the government to help the economy during a depression era in America. The building was constructed with workers using wheelbarrows, to pour concrete from scaffolding. It is a three-story concrete structure situated in Arlington, WA. The building utilizes a boiler for heating, located in the basement of the building. The original interior walls are the traditional lath and plaster walls. Later remodels have added GWB walls with wood framing. There is a mixture of interior wall finishes with an asbestos acoustical plaster finish on the walls and ceiling of the auditorium. Some walls and ceilings in adjacent rooms to the auditorium also have this asbestos acoustical plaster. On the third floor, there is a science storage room that has an asbestos, stucco like finish installed. The floors are a mixture of carpet, 9 X 9 floor tile, 12 X 12 floor tile, concrete flooring, ceramic tile flooring in the rest rooms and vinyl floor sheeting. There are many different styles of base cove made from wood, poured cement and rubber, cove. The poured cove and the rubber cove adhesive are asbestos containing. Some of the rest rooms utilize a ceramic tile finish on the floors and walls. There are sinks in the rest rooms, science areas and the kitchen area. Throughout the building, there is a blue carpeting installed during the last twenty years. The hallways on the second and third floors, has traditional linoleum floor sheeting over wood decking. The attic area is accessed through a storage area and heating lines run throughout this area. There is knob and tube wiring that can be seen still in use in this area. The roof is a flat roof with a traditional built-up roofing material with white non-asbestos roofing placed over suspect asbestos built-up roofing. There has been a number of "alterations" performed on this building since the 1930's. The building roof has no overhang protection. The exterior windows have cement asbestos board used as window panels. During upgrades, carpeting, floor sheeting and floor tile have been added to the building. The boiler room went through an asbestos abatement many years (mid 1980's) ago and has had a non-asbestos boiler wrap installed and the joints or mudded fitting on the waterlines with fiberglass wrap in the boiler room are non-asbestos. The basement floor has a concrete floor that has been covered with a paper that is



asbestos containing. There is a mechanical drawing room in this floor and the metal shop that have cement asbestos board wall covering. All stairwell's between the floors have an asbestos cement top-coating that has been painted gray. The cement finish on these stairs can be identified by the orange color, where the gray paint has worn away. The metal shop area or paint room appears to have had an asbestos vinyl floor sheeting removed and the asbestos backing has been left on the floor. The walls in the hallway stairwells and in the hall on the third floor have a non-suspect tile that was used as a wainscote that was installed during 1999 and 2000. The ceilings are a mixture of many types of ceiling tile, plaster and GWB.

**“Suspect asbestos containing building materials” located in the Arlington High School, A Building.**

This section of Tab V shows what materials are suspect asbestos (or presumed to be asbestos) containing materials. Some of the building materials were tested to show which of these building materials is non-asbestos. The results of this testing is located in this tab.

Listed below is the “suspect asbestos containing building materials” that was identified during the inspection of this building. Included in this tab is the summary of the sampling results showing what materials contain or do not contain asbestos. **Building materials listed below in bold print, are asbestos containing building materials.**

Included are numbers assigned to each homogeneous type of building material (ceiling tile, floor tile etc.) for tracking and identification purposes throughout this Management Plan.

**Suspect materials that were identified as possibly containing asbestos at the Arlington School District, Arlington High School, A Building. These materials were inspected for asbestos content during this inspection:**

HOMOGENEOUS AREA	TYPE OF MATERIAL
------------------	------------------

**Thermal system insulation:**

- |   |  |
|---|--|
| 1 | TSI mudded fittings with fiberglass pipe wrap in boiler room |
| 2 | TSI Boiler wrap  |
| 3 | <b>TSI pipe wrap and mudded fittings.</b>                    |

**Wallboard and surfacing materials:**

- |    |  |
|----|--|
| 10 | <b>Stucco finish in science storage room, third floor.</b>                           |
| 11 | <b>Acoustical plaster on walls and ceilings in auditorium and surrounding rooms.</b> |
| 43 | GWB wallboard ¼ “ found in attic areas.  |
| 54 | Lath & Plaster. (Original)   |
| 70 | GWB wallboard, where the GWB wallboard was installed. Includes taping compound.      |





**Ceiling tile materials:**

- 20 12 X 12 Ceiling tile, small ordered holed with border & adhesive.
- 21 12 X 24 Ceiling tile, smooth face, with tiny swirled hole pattern & adhesive.
- 22 2 X 4 Drop-in fissured ceiling tile
- 23 12 X 12 Ceiling tile, fissured pattern & adhesive.
- 24 12 X 24 Ceiling tile, cellulous smooth face& adhesive.
- 25 12 X 12 Ceiling tile, Random holed pattern & adhesive.
- 26 12 X 12 Ceiling tile, tiny random hole pattern& adhesive.
- 27 4' X 8' Fiberboard ceiling material

**Flooring and cove base materials:**

- 30 12 X 12 White/Beige floor tile and mastic with orange tint.
- 31 12 X 12 White/Beige floor tile and mastic with green tint. (<1%)
- 32 Black paper adhered to floor in basement.
- 33 Unknown floor coating over black paper in basement paint room.
- 34 12 X 12 White floor tile adhesive. (12 X 12 white floor tile, non-asbestos.)
- 35 Cement poured coating on stairs between floors.
- 36 Linoleum floor sheeting in hallways of 2<sup>nd</sup> & 3<sup>rd</sup> floors.
- 37 9 X 9 Brown floor tile.
- 38 12 X 12 Floor tile, thin vinyl tile (black & white) over other 12 X 12 floor tile with asbestos adhesive.
- 42 Adhesive used for stair tread.
- 50 Cement poured cove base
- 53 Brown adhesive with rubber cove base
- 59 White latex cove base adhesive installed during later remodels.

**Other miscellaneous suspect materials:**

- 7 Cement Asbestos Board (CAB) in windows, on walls and around special equipment.
- 40 Brown mineral fibered, insulation.
- 41 Vermiculite insulation. (<1%)
- 51 Slate Chalkboards
- 52 Sink insulation or soundproofing, black.
- 60 Sawdust bags in wood shop.
- 61 Sawdust collector tube.
- 62 Vibration cloth or flex connector for mechanical ductwork. (Black rubber.)
- 63 Patching compound.
- 64 Black counter tops.
- 65 Wiring, original knob & tube.
- 67 White cloth vibration cloth or flex connector for mechanical ductwork
- 68 Roofing materials on building.
- 69 Fire-doors.
- 71 Elevator components including gaskets and brake shoes.
- 72 Wall tiles & adhesives used as wainscote in hallways of the building.
- 73 Window Putty throughout the building.
- 77 Gasket materials on heating and plumbing equipment.
- 78 Stage light, electrical cords.
- 79 Stage curtain.



Asbestos containing materials are shown on building floor plans located in this tab.

The following assessment and description pages give more detail on each of these asbestos materials. A number that has been assigned to each material by the inspector lists the suspect materials. Physical assessments are only performed on friable asbestos containing materials. This is for the purposes of establishing what the hazard is (in the management planner's opinion) and the recommended response to the building owner for protection of the building occupants.

Homogeneous areas (as designated by the AHERA inspectors) designate identified area's of building materials that are deemed to be all of same manufacture and/or same time frame of installation and material. These numbers will be found on description pages, assessment sheets, photographs, floor plans, sampling sheets, recommended response actions and any other documentation that is corresponding to that same homogeneous material throughout the Management Plan.

If there are additional numbers or letters with the same homogeneous number, the additional letters or numbers show the same homogeneous material with different locations (functional area's) for sampling or physical/hazard assessment purposes.

Functional areas are the room numbers or the obvious, such as "Room 101 Closet", unless otherwise designated by the inspectors. These functional spaces are identified for purposes of assigning response action to protect the building occupants from the asbestos hazards.

## SAMPLING METHODOLOGY

The person conducting this survey is a Building Inspector certified under the requirements of the United States Environmental Protection Agency (EPA), Asbestos Hazard Emergency Response Act (AHERA), Regulation 40, CFR 763, Subpart E. Copies of his certificate are included in this report.

Sampling is consistent with the requirements of EPA, and State and local agencies. In general, three or more samples were taken of each homogeneous area of suspect ACM. Where fewer than three samples were taken, the inspector determined that the size of the area and the appearance of the material did not justify further testing or because of the newer age of the material as documented by the building owner's representative. This included the thin vinyl floor tile (38) over the 12 X 12 tile, which is vinyl and installed in 1997. Much of the ceiling tile was the same material that had been installed in the Building of the high school and the Lincoln Wing at the President's Elementary School.

Where TSI was discovered, at least three samples were taken to prove that the TSI was non-asbestos containing building material. *TSI was discovered during this inspection in the boiler room and the original inspection report showed that it was non-asbestos. Samples were taken of the boiler wrap, the mudded fittings and the mud/plaster over the canvas wrap in the boiler room and the storage room off of the boiler room. All of the samples came back negative, showing that the mudded fittings with the fiberglass insulation and the boiler wrap to be non-asbestos containing building materials. The water and heating lines with the asbestos (aircell/mag) wrap on the straight lines, are asbestos mudded fittings.*



With surfacing material, at least three samples were taken to show the surfacing material was non-asbestos containing building material if the homogeneous area was less than 1,000 square feet. Five samples were taken if the homogeneous area was between 1,000 and 5,000 square feet and at least seven samples were taken if the homogeneous area was over 5,000 square feet. *The surfacing acoustical material in the auditorium was shown to be asbestos containing materials. Follow up samples showed that the material was asbestos, even though some of the original 1988 samples came back negative. The lath and plaster system had been sampled many times prior to this re-inspection and assurance sample taken on this inspection showed this lath and plaster system to be non-asbestos containing material. The stucco finish in the science storage room was a surprise homogeneous area, and all three samples showed this to be an asbestos containing material.*

Samples were taken of identified suspect asbestos materials, identified, sealed and transported to the analytical laboratory by the inspector. "Chain of Custody" tracking was done to assure integrity during handling and data reporting.

The samples were analyzed by NVL Laboratories, Inc. a National Voluntary Accreditation Program (NVLAP) accredited laboratory. Samples were analyzed for asbestos content using polarized light microscopy (PLM), using the EPA Method 600. Only those samples containing more than 1% asbestos are classified as "asbestos-containing" based on EPA, State and local regulations. Survey data sheets and laboratory reports as relate to this renovation project are included with the report.

The site plans included in this report provide a graphic representation of homogeneous areas and the locations of samples taken.

## **CONTRACTOR RESPONSIBILITIES & EXCLUSIONS AND LIMITATIONS:**

**HIDDEN MATERIALS:** This inspection was a visual, non-destructive inspection for suspect asbestos containing materials. Therefore, before any demolition type activities, a good faith survey must be conducted to determine if asbestos containing materials might be disturbed. The inspector has attempted to guess at where possible asbestos containing materials may have been used in the construction of this building and made these cautions known in this report.

There were limited blueprints or drawings available for review of this building. Therefore, there is very little information on what materials may have contained asbestos. In particular, it will be necessary to look for possible newly discovered asbestos containing material during any renovation or demolition process. *This building had been remodeled by the maintenance department and outside contractors many times and was a most difficult inspection to perform.*

*During demolition or remodeling projects, TSI will be found in hidden cavities within the school building and grounds that were not accessible during the re-inspection including under the building. It is important to understand that (asbestoss) acoustical plaster was used in the construction of this building. Therefore, it will be discovered in hidden and unknown areas as the result of many remodels in the past.*



*It is estimated that there will be approximately 10% of the floor area will be covered with a suspect asbestos containing, floor leveling compound. Also the carpeting will be covering floor tile and adhesive. There may be asbestos fireproofing discovered in the doors, but no labels were present identifying the doors as being fire rated. There is possible asbestos adhesive used for the wall paneling in the building. Also, this suspect asbestos adhesive could be discovered when taking chalkboards or corkboards off of walls. There are many gaskets used on plumbing and heating equipment that are asbestos containing that cannot be inspected. Asbestos training for maintenance staff will be required.*

A Washington State trained "asbestos supervisor" shall be employed by all contractors performing any demolition type work for the Arlington School District. This trained person will be on site during any demolition process to assure that no asbestos materials are disturbed. This asbestos supervisor will stop work and assure that the newly discovered presumed asbestos material are handled correctly, should new suspect asbestos containing materials be discovered during the demolition process.

The quantities given in this report of suspect or known asbestos containing materials are not to be used for bidding purposes. Quantities of the materials listed in this report are estimates and should be verified by other persons, prior to being used for bidding or other purposes. Mudded fittings of TSI are to be considered one unit or section of ACM insulation plaster, regardless of how many pipe-fittings are contained within that section. One mudded fitting shall be equal to three linear feet of asbestos pipe wrap for pricing purposes.

Any person or contractor shall have the responsibility to take measurements of known asbestos (or other materials) for purposes of bidding.

Any contractor undertaking demolition or abatement projects are responsible for all permits and associated fees. This includes notifications, landfill and other appropriate fees. All permits, project designer certificates, work plans, approved worker and supervisor certificates are to be submitted prior to any abatement work being performed. Disposal manifests at owner approved disposal sites shall be submitted to the owner prior to final payment.

The contractor is responsible for conducting all necessary air monitoring on the project, including the WISHA clearance sampling. The contractor is not responsible for the AHERA style clearance sampling. This will be performed by the Arlington School District for asbestos response action projects. The contractor shall notify the Arlington School District in a timely fashion for scheduling the AHERA, TEM/PCM clearance sampling. Should the AHERA, TEM/PCM samples fail to pass, the abatement contractor shall re-clean the functional area where the abatement occurred until the space clears the TEM/PCM sampling protocol.

All demolition and or abatement projects will be conducted and performed following all requirements of the Washington State Labor and Industry (WISHA), Puget Sound Clean Air Authority (PSCAA) and Department of Transportation (DOT). This includes Safety and Health issues.

## **RESULTS OF SURVEY:**

### **Asbestos Containing Building Materials:**



## Surfacing materials:

- #10 Stucco finish material over the storage room in the third floor science room. This is the first time this material has been identified as suspect asbestos containing building material. There is an estimated 1500 square feet of this material.
  
- #11 Surfacing materials include the acoustical plaster that was used during the original construction in the auditorium, on the walls and ceiling. This surfacing material will also be found in the foyer to the auditorium and the main offices on the second floor. There was previous estimated to be 8200 square feet of this material. There is approximately 1,600 additional square feet of this acoustical plaster discovered during this inspection. (See site plan for locations.) This material has been painted many times and is in a non-friable state when not disturbed. However, this material has high potential for disturbance and could be easily disturbed. Awareness training must be given to all staff that might disturb this plaster.

## Thermal System Insulation:

- #3 TSI was discovered during this re-inspection throughout the building. There are several different types of asbestos coverings on the pipes in the building. There is approximately 1200 linear feet of asbestos pipe wrap and 130 mudded sections that were visible during this inspection. This material is in good condition, but friable because of potential for damage. Training must be given to building staff to assure that this asbestos material remains in good condition. (See the site plan for specific locations.)

## Miscellaneous Asbestos Containing Materials:

- #7 Cement Asbestos Board (CAB) found in the window frames on the exterior of the building, wall coverings in metal shop and mechanical drawing rooms and around special equipment in the metal shop. Previous estimates show approximately 4000 square feet of this material for the entire high school site. There is approximately 1500 additional square feet of this material discovered during this inspection.
  
- #30 12 X 12 White/Beige floor tile adhesive. The floor tile itself is non-asbestos but the mastic is asbestos containing material. This tile has an orange tint to it compared to the other floor tile in the room to the West that has a green tint to it. There is approximately 20,000 square feet of this adhesive.
  
- #32 Paper on concrete basement floor. This black paper has been painted gray and appears to be a vapor barrier adhered to the floor. There is estimated to be 11,000 square feet of this material.
  
- #33 Vinyl flooring material on floor in wood shop, paint room. This material appears to have been a vinyl floor sheeting that has deteriorated or improperly removed. There is approximately 1500 square feet of this material.



- #34 12 X 12 White floor tile, black adhesive. The floor tile itself is non-asbestos but the mastic is asbestos containing material. There is approximately 700 square feet of this material.
- #35 Cement poured top-coating on stairs between levels of school. Approximately 7,000 square feet of material.
- #37 9 X 9 Floor tile and mastic. The 9 X 9 brown floor tile is asbestos containing material. The mastic may not be asbestos and should be sampled prior to any construction work. One adhesive sample showed the adhesive to be negative, but this is not conclusive to demonstrate this to be a non-asbestos adhesive. There is approximately 300 square feet of this material.
- #38 12 X 12 Black & white, vinyl floor tile (non-asbestos) over 12 X 12 floor tile (non-asbestos) with asbestos adhesive. (120 square feet)
- #42 Adhesive used for the rubber stair tread materials. There is approximately 4,000 of this material.
- #50 Cement poured cove base found throughout the second and third floor of the A building.
- #53 Brown adhesive used with the rubber cove base throughout the school.

**Presumed Asbestos Containing Materials:**

- #52 Sink insulation or black soundproofing discovered on the sinks throughout bldg.
- #65 Original knob & tube wiring that is in building. This can be seen in the attic.
- #67 White cloth or canvas style vibration cloth or flexible duct connector. This includes canvas and cloth type until sampled and shown to be non-asbestos.
- #68 Roofing materials including mastics and patches, located on the Special Education Building are presumed asbestos containing building materials. The original roof is a mopped tar and paper, built-up style of a flat roofing material. *This material is non-friable and there is estimated to be a total of 25,000 square feet of material. This roofing should be sampled prior to working on or disturbing.*
- #69 Fire-doors in building.
- #71 Elevator components including gaskets and brake shoes.
- #73 Window putty throughout the building.
- #77 Gasket materials found in building on plumbing and heating equipment throughout the building. Some of these boiler room materials were sampled in the original survey and found to be asbestos containing materials.



- #78 Stage light electrical cords. These lights have been seen in the storage room and the stage area. The stage lights that I have seen are non-asbestos, but old reports indicate there are asbestos electrical cords in the school.
- #79 Stage curtain. This curtain should be sampled prior to working on.

**Non-Asbestos Containing materials:**

- #1 Thermal system insulation, the mudded fittings that have been used in association with the fiberglass insulation on the straight runs of piping. This can be seen in the boiler room and the storage room next to the boiler room. This includes the hot water tanks, wrapped with fiberglass insulation.
- #3 The boiler wrap on the boiler in the basement boiler room.
- #20, 21, 22, 23, 24, 25, 26 & 27 All of the ceiling tile and adhesive in the Arlington High School Building.
- #36 Linoleum floor sheeting and mastic used in the hallways of the second and third floors.
- #40 Brown mineral insulation found in walls throughout the bldg.
- #51 Slate chalkboards in building.
- #54, 43 & 70 All lath & plaster walls and GWB walls and the taping compound throughout the building.
- #59 All white latex base cove adhesive throughout the Building. (If brown adhesive is discovered, it is asbestos containing material.)
- #60 Sawdust bags in wood shop
- #61 Sawdust collector tube in wood shop.
- #62 Black rubber Vibration cloth used on the mechanical ductwork in the building.
- #63 Patching compound used on lath & plaster in stairwell.
- #64 Black science counter-tops.
- #72 Wall tiles & adhesives used as wainscote in hallways.

**Less than 1%, or trace amounts of Asbestos Containing Materials:**

- #41 Vermiculite insulation found in the walls and the attic area. Unknown amounts of material.

*"Keeping Arlington School District's Building's safer, Arlington High School, A Building"*



- #31 12 X 12 White/Beige floor tile adhesive. The floor tile itself is less than 1% asbestos but the mastic is shown to be a non-asbestos containing material. This tile has an green tint to it compared to the other floor tile in the room to the East that has a orange tint to it.





## Asbestos Sampling Summary Page

(Lab analysis report located in the AHERA record-keeping book.)

Sample Number	Material description	Date sample taken	Asbestos content and type
1-1	TSI Mudded Joints	5-7-01	NAD
1-2	"	"	"
1-3	"	"	"
1-4	"	"	"
2-5	Boiler wrap	"	"
1-6	Mudded canvas over fiberglass wrap	"	"
10-1	Stucco Finish	"	4%
10-2	"	"	4%
10-3	"	"	4%
11-1	Acoustical Plaster	"	3%
20-1	Ceiling tile	"	NAD
20-1-ad	Ceiling tile adhesive	"	"
20-2-ad	"	"	"
20-3-ad	"	"	"
21-1	Ceiling tile	"	"
21-1-ad	Ceiling tile adhesive	"	"
21-2-ad	"	"	"
21-3-ad	"	"	"
22-1	Ceiling tile	"	"
22-2	Ceiling tile	"	NAD
22-3	"	"	"
22-4	"	"	"
23-1	Ceiling tile	"	"
23-1-ad	Ceiling tile adhesive	"	"
24-1	Ceiling tile	"	"
24-1-ad	Ceiling tile adhesive	"	"
24-2-ad	"	"	"
25-1-ad	"	"	"
25-2-ad	"	"	"
26-1	Ceiling tile	5-7-01	NAD

# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



26-1-ad	Ceiling tile adhesive	“	“
26-2-ad	“	“	“
30-1	12 X 12 Floor tile/ 12 X 12 Floor tile adhesive	“	NAD/ 3%
30-2	“	“	NAD/ “
30-4	“	“	NAD/ 3%
31-1	12 X 12 floor tile/ Adhesive	“	<1%/ NAD
31-2	“	“	<1%/ NAD
32-1	Paper felt/ adhesive	“	NAD/ 2%
32-2	“	“	NAD/ 2%
32-3	“	“	NAD/ NAD
32-4	“	“	NAD/ NAD
33-1	Unknown flooring in paint room/ Layer two/felt	“	NAD/ 50%
33-2	“	“	NAD/ 50%
34-1	12 X 12 Floor tile/ Adhesive	“	NAD/ 3%
35-1	Cement top-coating, stairwells	“	2%
35-2	“	“	2%
35-3	“	“	2%
36-1	Linoleum floor sheeting	“	NAD
36-2	Linoleum floor sheeting	“	NAD
36-3	“	“	“
37-1	9 X 9 Floor tile, brown	“	4%
38-1	12 X 12 vinyl floor tile	“	NAD
40-1	Brown mineral fiber insulation	“	“
41-1	Vermiculite	“	<1%
41-2	“	“	<1%
42-1	Rubber stair tread adhesive	“	3%
42-2	“	5-7-01	3%
42-3	“	“	3%
43-1	¼” GWB from attic	“	NAD
50-1	Poured cove base	“	2%

# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



50-2	“	“	2%
50-3	“	“	2%
51-1	Slate chalkboard	“	NAD
53-1	Cove base adhesive	“	“
53-2	“	“	“
53-3	“	“	3%
53-5	“	“	NAD
53-6	“	“	“
53-7	“	“	“
54-1	Lath & plaster	“	“
54-2	“	“	“
54-3	“	“	“
54-4	“	“	“
54-5	“	“	“
54-6	“	“	“
60-1	Sawdust collector bag	“	“
61-1	Sawdust collector tube	“	“
62-1	Black rubber w/ white fibers vibration cloth	“	“
64-1	Black counter tops, science	“	“
65-1	Knob & Tube wiring (Original)	“	“
70-1-T	GWB Taping compound	“	NAD
70-2	GWB wallboard	“	“
70-3-T	GWB Taping compound	“	“
70-4-T	“	“	“
70-5	GWB	“	“
70-6	GWB	5-7-01	NAD
AR1	TSI Boiler insulation	1988	“
2	TSI left on joint	“	10%
3	Aircell from tunnel	“	3-5%
4	Insulation powder on edge of boiler, (old?)	“	NAD
5	CAB Welding booths	“	40%
6	12 X 12 Floor tile-white beige	“	NAD



7	Misc floor covering – metal shop	“	“
8	Misc 12 X 12 Floor tile White/Beige	“	1-3%
9	Lath & Plaster	“	NAD
10	Lath & Plaster	“	“
11	TSI elbow	“	60%
12	Plaster Patch under stairs	“	NAD
13	12 X 12 ceiling tile	“	“
14	TSI Mudded fitting with Fiberglass runs	“	“
15	12 X 12 swirled small hole ceiling tile, home ec	“	“
16	12 X 12 Random Holed ceiling tile home-ec-2	“	“
17	12 x 12 ceiling tile, fiberglass craggy, home-ec 2	“	“
18	TSI - aircell	“	70%
19	2X4 Ceiling tile – office conference	“	NAD
20	12 X 12 ceiling tile, attendance	“	“
21	12 x 12 ceiling tile	“	“
22	TSI ASB office commons	“	“
23	Lath & Plaster	“	“
25	CAB “loose”	“	“
26	12 x 12 large swirl pattern	“	“
27	4x8 Ceiling fiberboard panels	“	“
28	Cove base, cementitious- 2 <sup>nd</sup> floor	“	3-5%
29	Linoleum, 2 <sup>nd</sup> Floor	“	NAD
AR 30	Surfacing acoustical plaster	1988	NAD
31	“	“	“
32	“	“	“
33	“	“	10%
34	“	“	10%
35	“	“	NAD
36	“	“	10%
37	Lath & Plaster 3 <sup>rd</sup> floor storage room	“	NAD
38	TSI Mudded joint, 3 <sup>rd</sup> floor storage area	“	“
39	TSI Gauze mudded joint, under balcony, auditorium	“	“

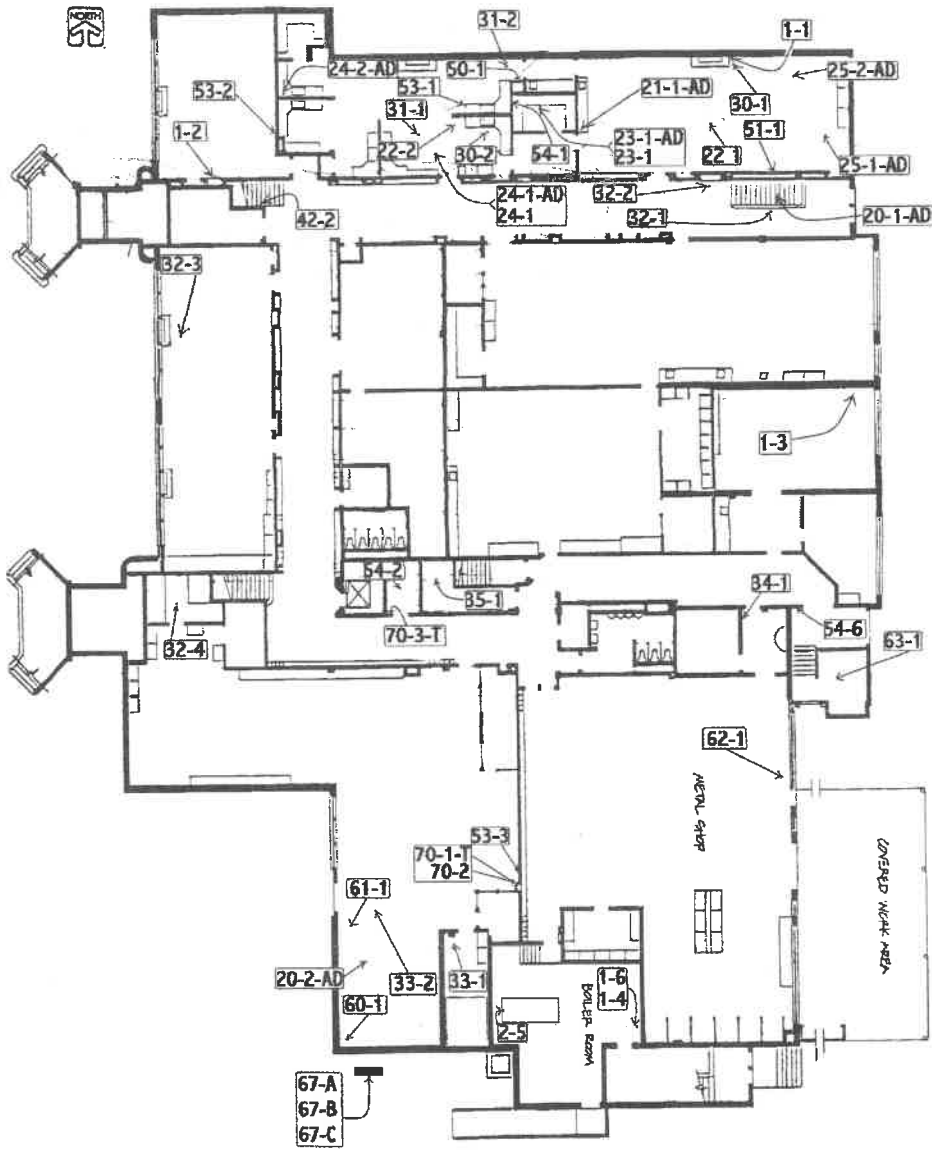
# Arlington

SCHOOL DISTRICT

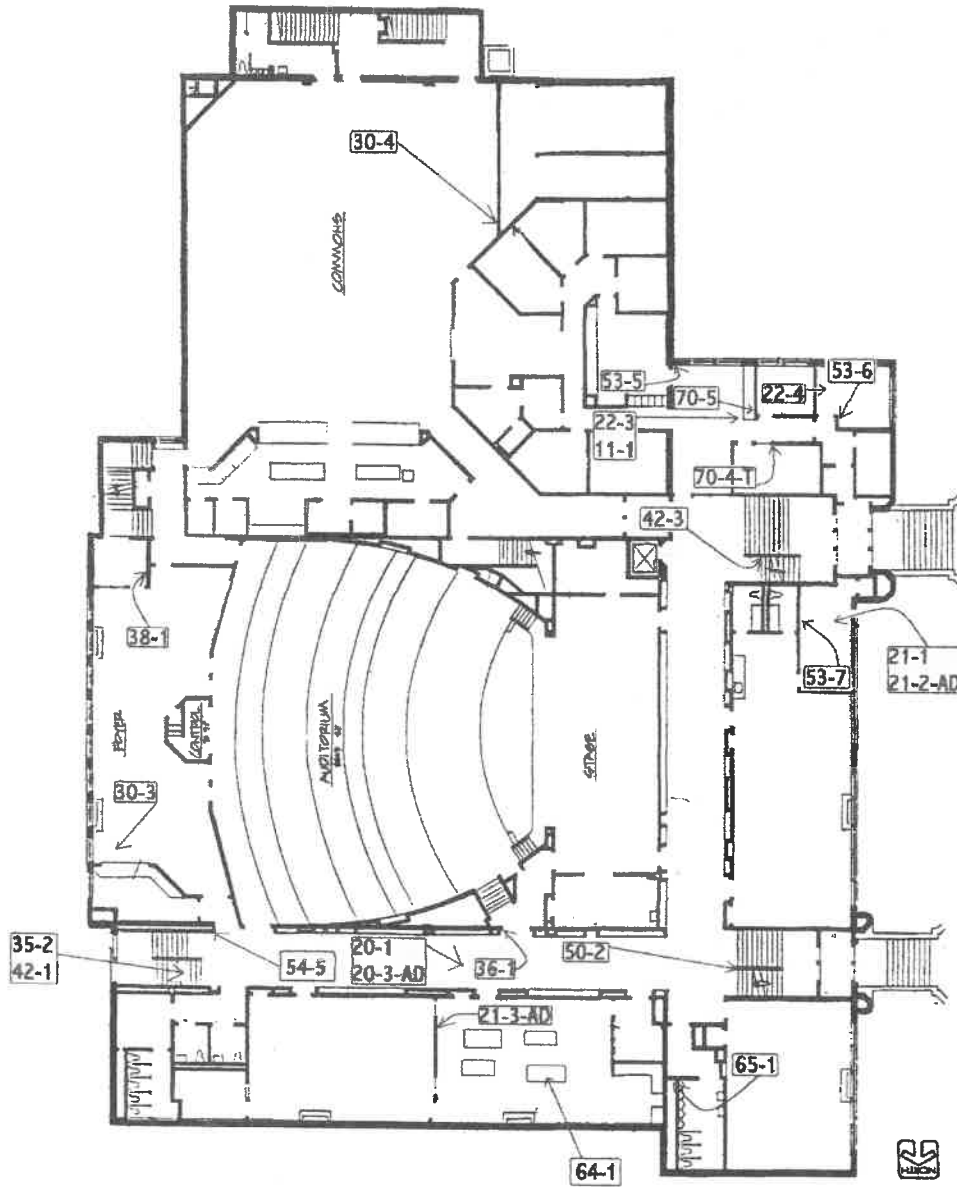
ASBESTOS MANAGEMENT PLAN



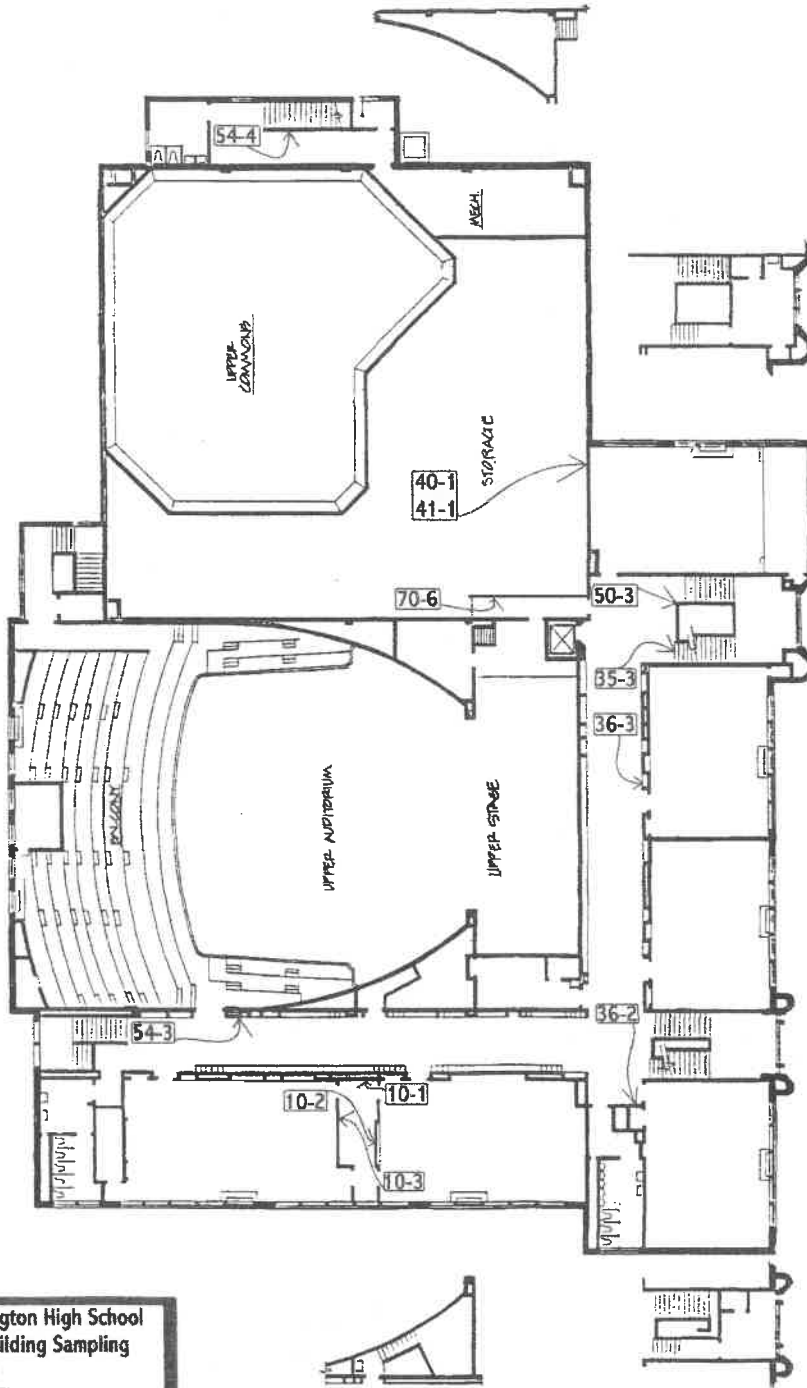
39	TSI Gauze mudded joint, under balcony, auditorium	"	"
40	TSI Mudded joint, under balcony, auditorium	"	"
45	Loose CAB panel	"	60%
57	Boiler gasket	"	70%
58	Hot water tank insulation (Fiberglass)	"	NAD
59	Mudded fitting in boiler room	"	"
AR 60	"	"	"
007	Chemstone counter tops, science room	7/92	37%
008	Science room, research room Sink top	"	NAD



Arlington High School  
A Building Sampling Plan  
1st Floor



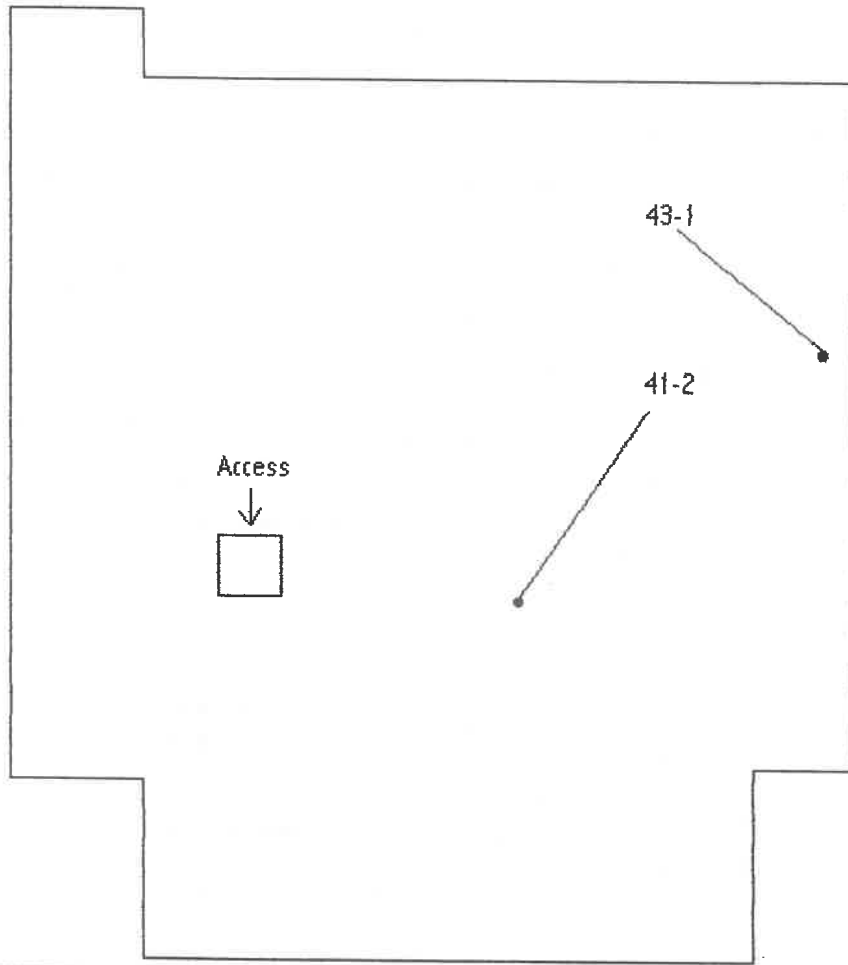
**Arlington High School  
A Building Sampling Plan  
2nd Floor**



Arlington High School  
A Building Sampling  
Plan  
3rd Floor





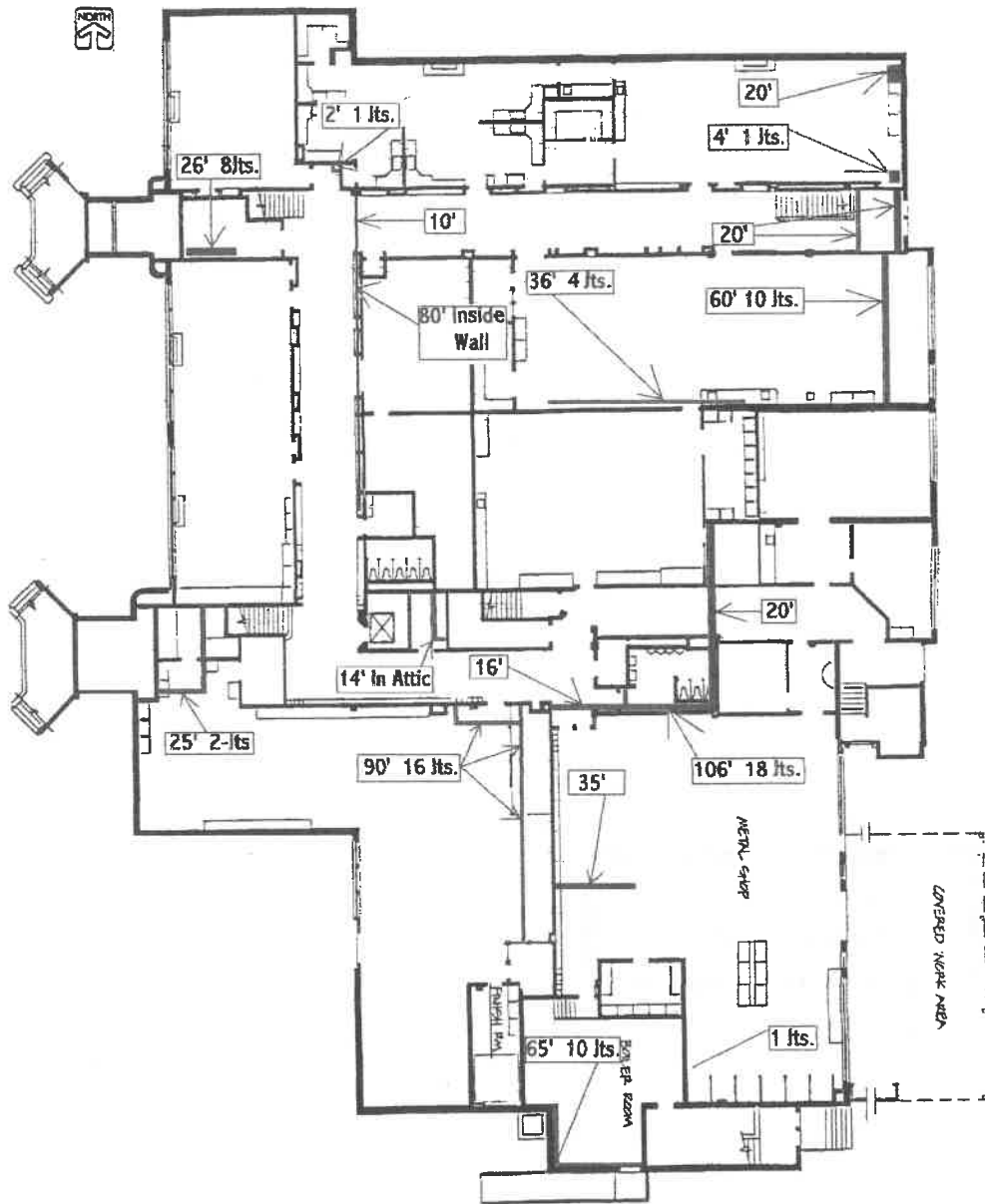


**Arlington High School  
"A" Building Attic**

# Arlington

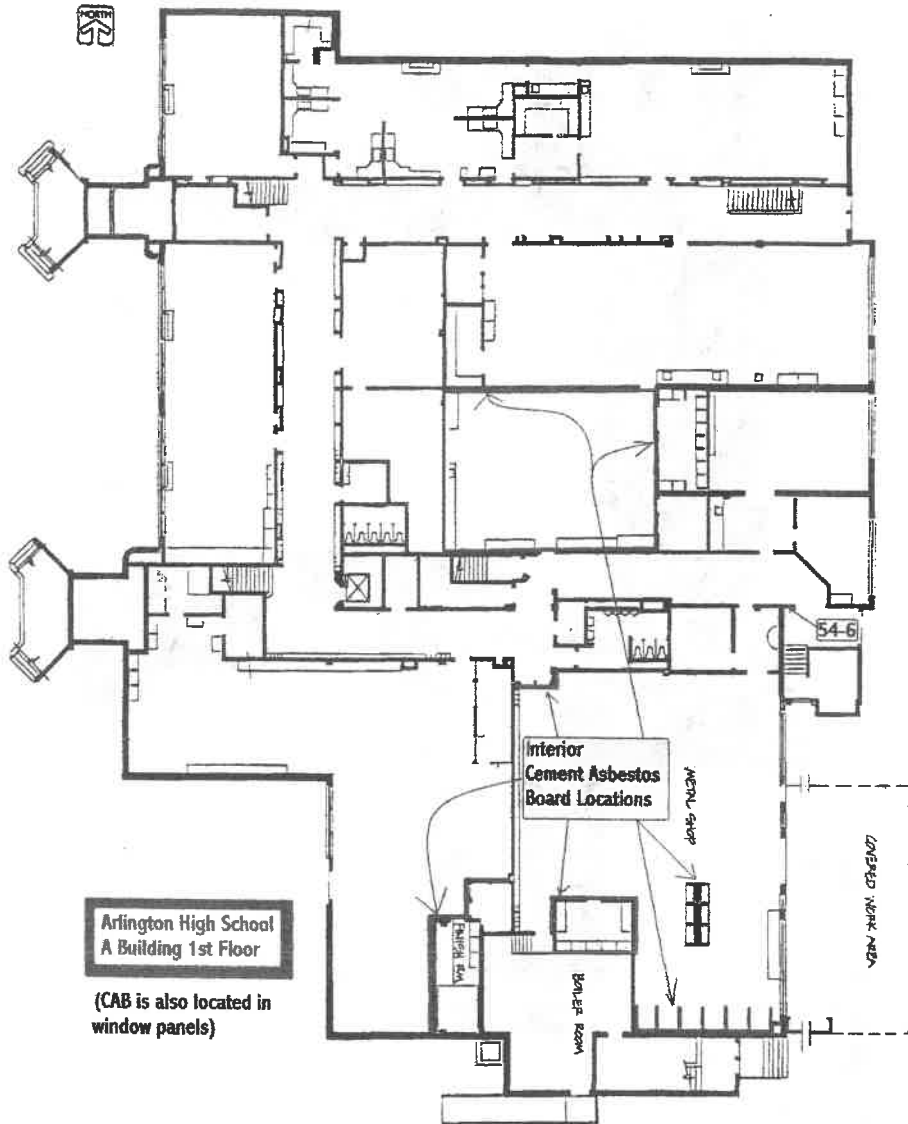
SCHOOL DISTRICT

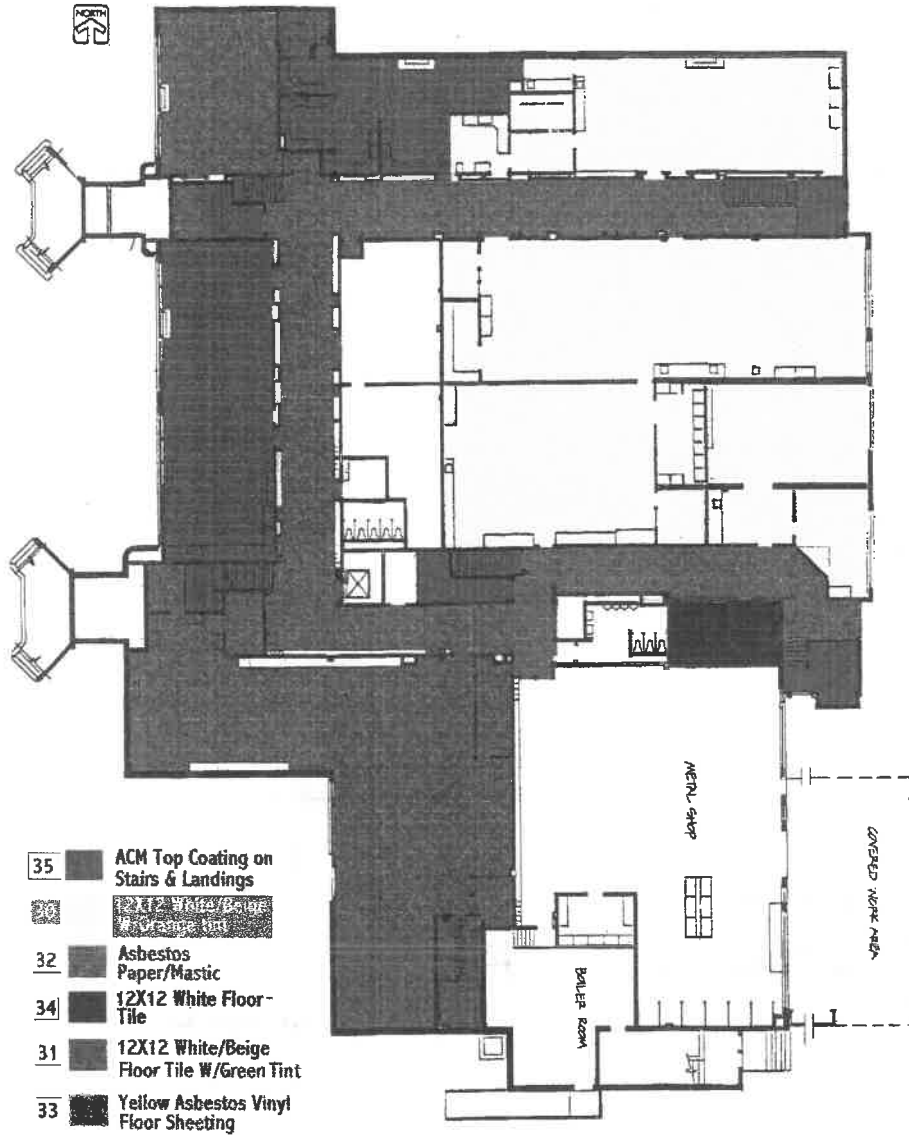
ASBESTOS MANAGEMENT PLAN



This site plan is not meant to be all inclusive of the TSI locations. TSI is hidden in walls and could be hidden elsewhere in this building.

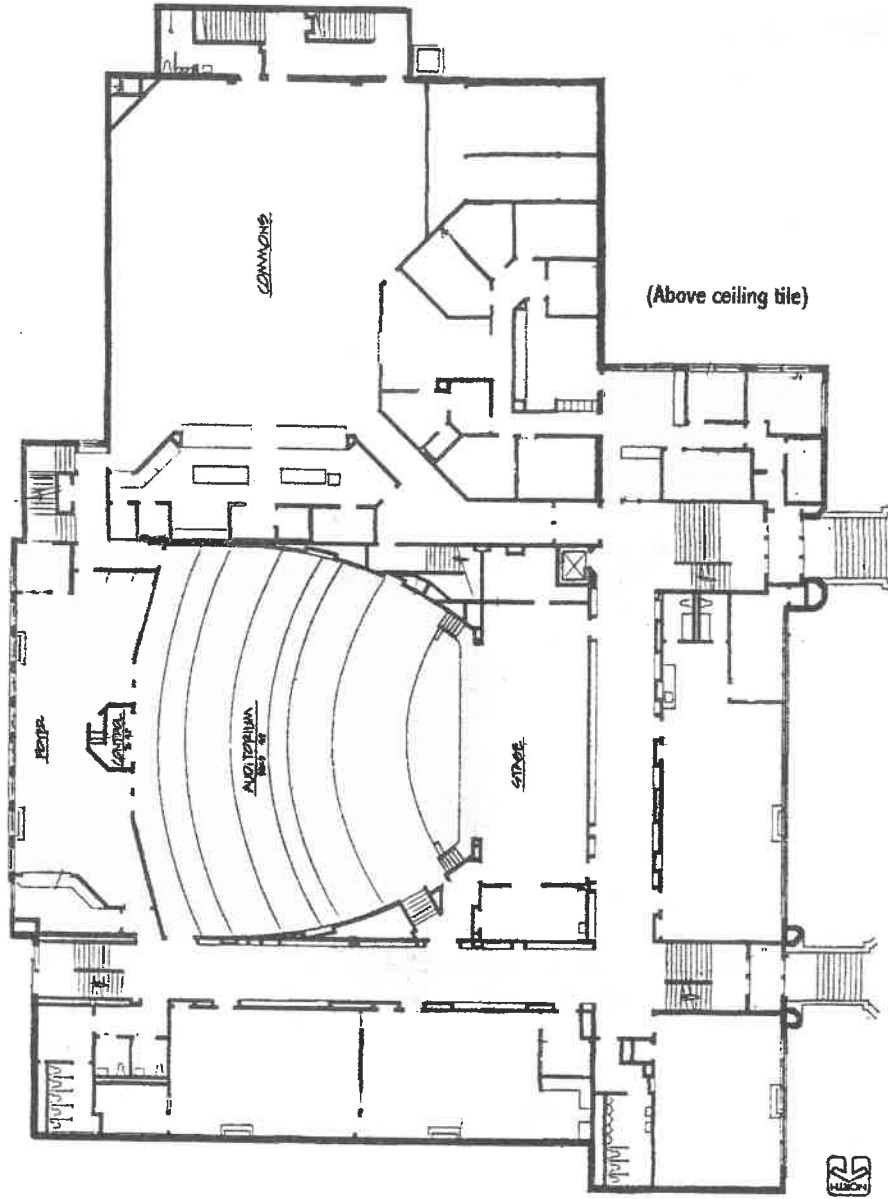
Arlington High School  
A Building, 1st Floor  
TSI Locations



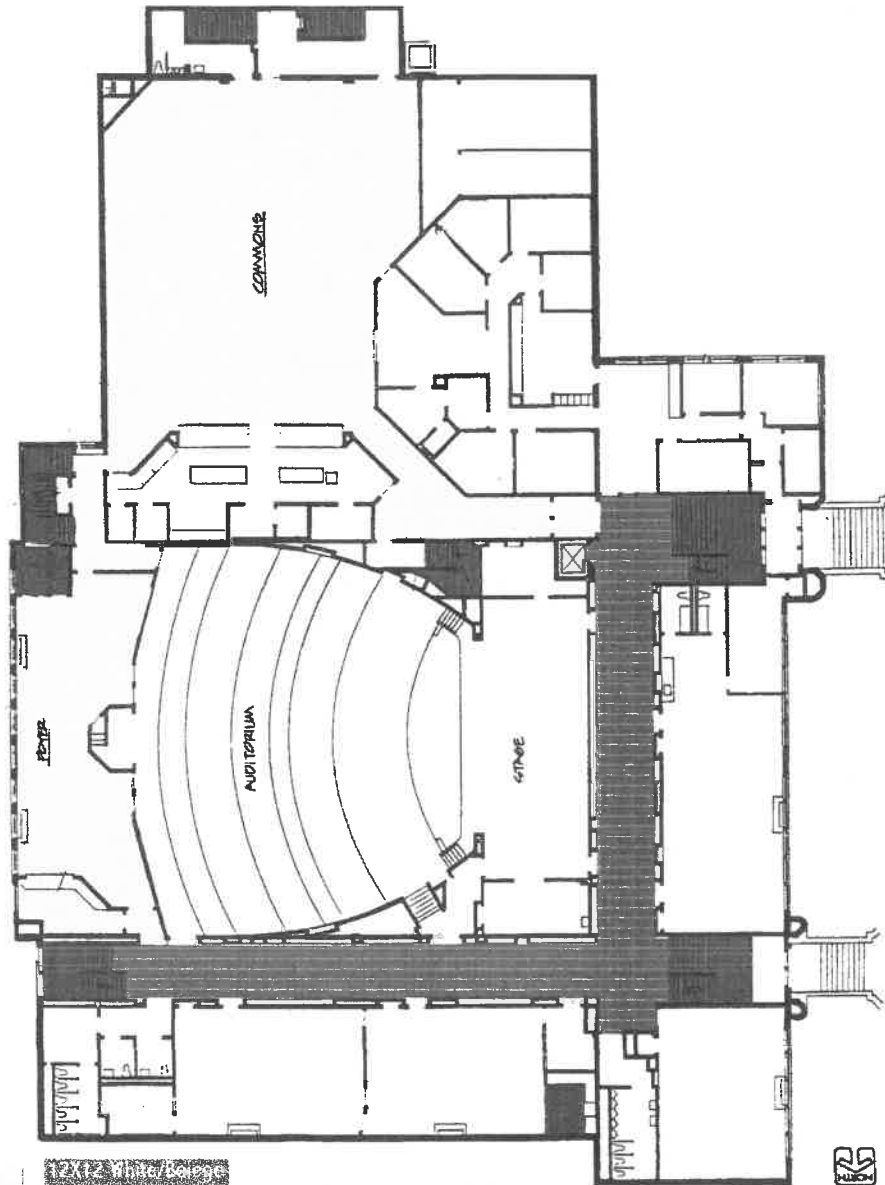







- 35 ACM Top Coating on Stairs & Landings
- 32 Asbestos Paper/Mastic
- 34 12X12 White Floor-Tile
- 31 12X12 White/Beige Floor Tile W/Green Tint
- 33 Yellow Asbestos Vinyl Floor Sheeting

Arlington High School  
A Building 1st Floor  
Asbestos  
Flooring Materials



**Arlington High School  
A Building - Surfacing  
Asbestos-Acoustical  
Plaster Locations  
2nd Floor**



- 
12x12 White/Orange  
or Orange tile
- 
35 Asbestos cement-Like Top Coating on Stairs & Landings
- 
36 Non-Asbestos Linoleum
- 
38 12X12 Black & White Floor Tile
- 
37 9X9 Floor Tile

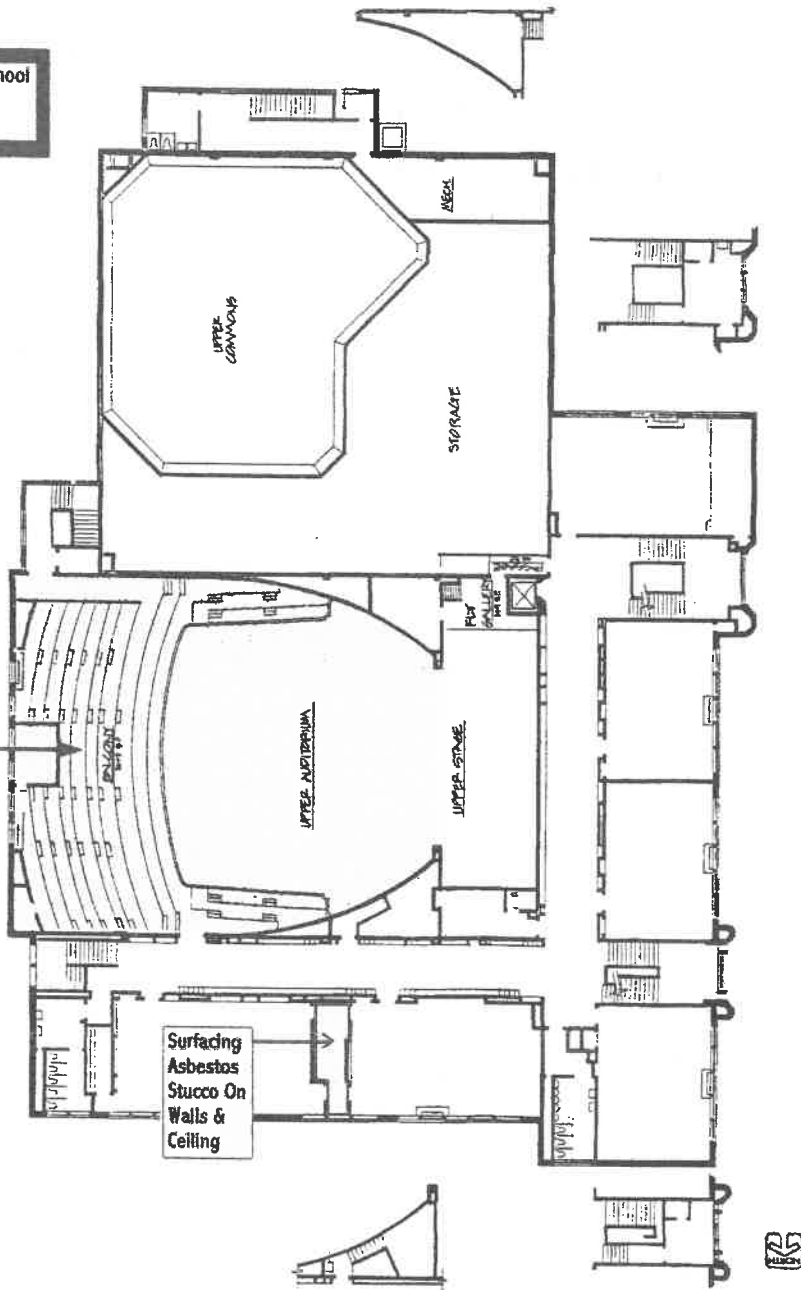
Arlington School District  
A Building, Flooring Materials  
2nd Floor.

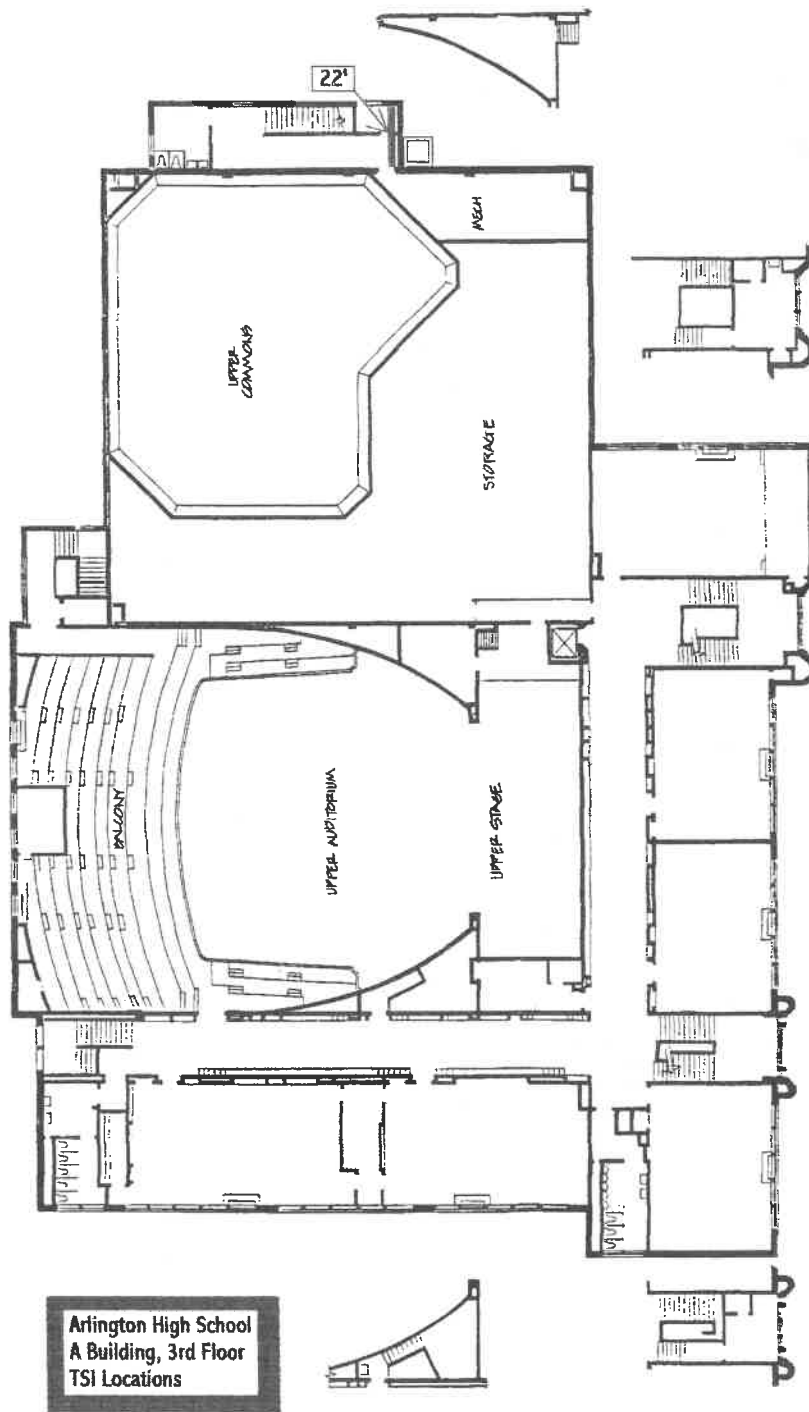


Arlington High School  
A Building  
3rd Floor

Surfacing  
Asbestos  
Acoustical  
Plaster  
on Walls &  
Ceilings

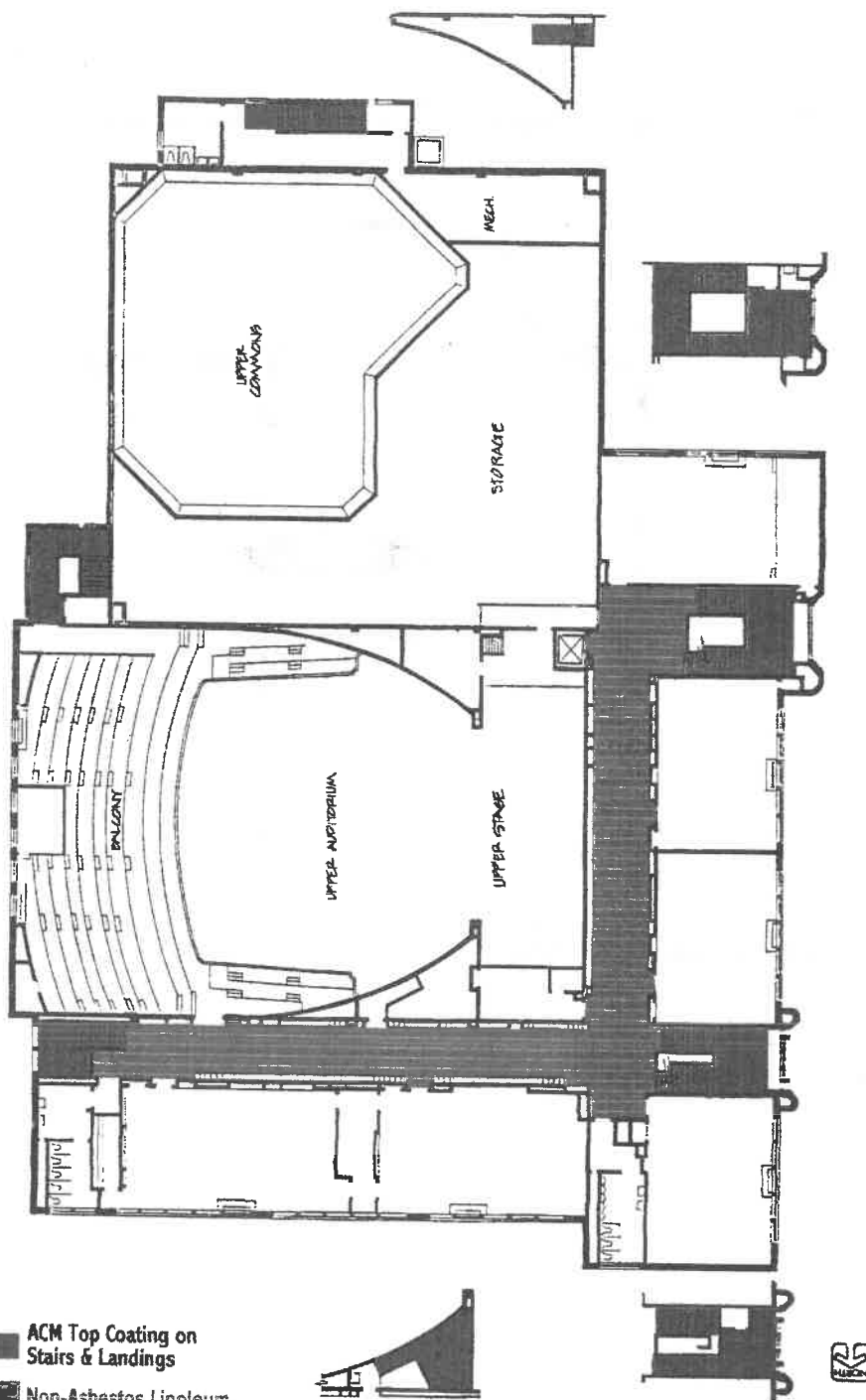
Surfacing  
Asbestos  
Stucco On  
Walls &  
Ceiling



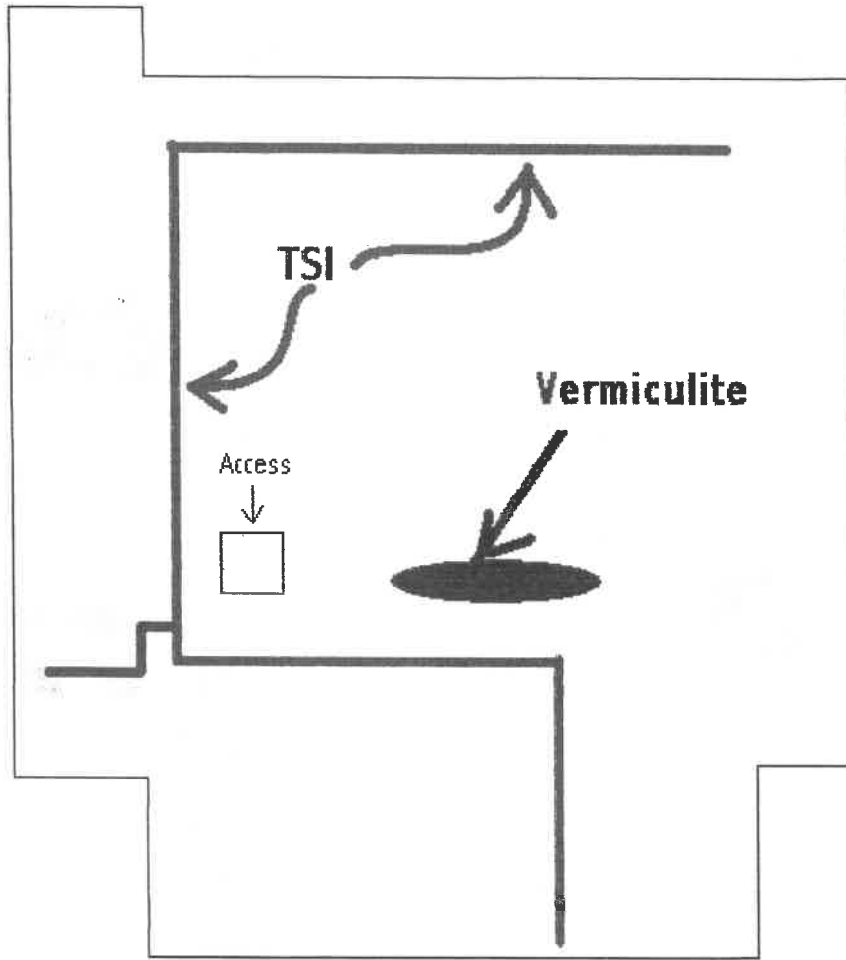


Arlington High School  
A Building, 3rd Floor  
TSI Locations





Arlington High School  
A Building, 3rd Floor  
Flooring Materials



**Arlington High School  
"A" Building Attic TSI**



**NO ASBESTOS**

Sample #1-1, 1-2, 1-3, 1-4, 1-6, AR14, AR22, Ar38, AR39, AR58, AR59, AR60

**HOMOG AREA: 1**

**HOMOGENEOUS MATERIAL:** TSI Thermal System Insulation, mudded fittings with fiberglass runs in Building. This includes the canvas wrap on the fiberglass insulation over the piping and fiberglass insulation on the hot water tanks in the boiler room.

**BUILDING:** Arlington High School, A Building

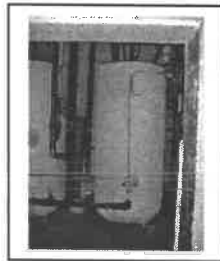
**FUNCTIONAL AREA:** Throughout the building.

**LOCATION:** On joints associated with the fiberglass insulation on straight piping.

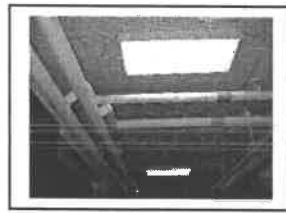
**DESCRIPTION:** All of the thermal system insulation associated with the fiberglass insulation on the hot water tanks in the boiler room, the piping throughout the building with mudded fittings with fiberglass runs and the PVC elbows.

**IMPORTANT:**

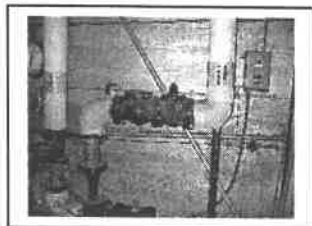
Training must be given to all workers to assure that there is no confusion with the asbestos mudded fittings that are in the building. This will take an experienced asbestos inspector to identify the asbestos versus the non-asbestos fittings during any demolition or work on these materials. The mudded fittings that are not asbestos are associated with the fiberglass insulation. The asbestos fittings are the older, original fittings associated with the asbestos aircell straight runs or the mag straight runs. If there is doubt about any fitting, it must be assumed to be asbestos containing material.



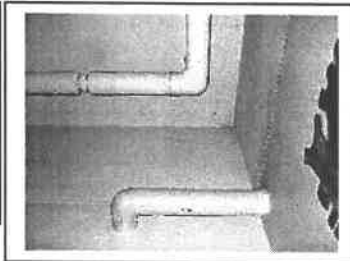
Non-asbestos ^ tank wrap



^ Non-asbestos TSI in hall >



Non-asbestos jts. ^ in boiler rm.



< Non-asbestos & asbestos TSI together



**NO ASBESTOS**

Sample: 2-5, AR1, AR4

**HOMOG AREA: 2**

HOMOGENEOUS MATERIAL: Boiler TSI

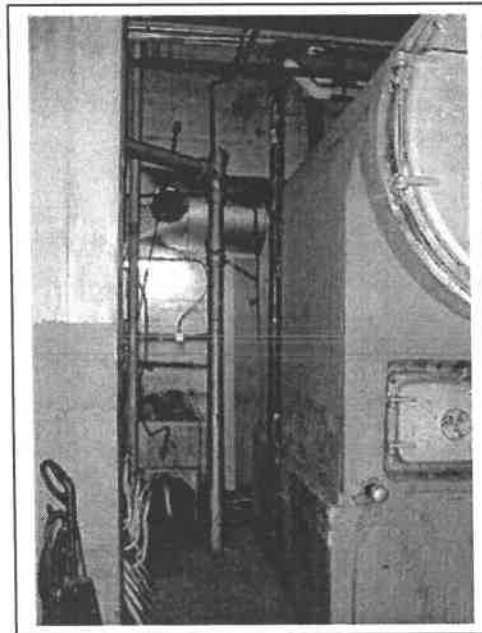
**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** In the boiler room.

**LOCATION:** On the boiler.

**DESCRIPTION:** The thermal system insulation that is on the boiler. This material has been sampled on two occasions and shown to be a non-asbestos material through three samples. Caution should be exercised during removal to assure residue is not left from original abatement of the potentially asbestos TSI. (If abated.)

See photo below.





**CAUTION, FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample Taken: #AR2, AR3, AR11

HOMOG AREA: 3

**HOMOGENEOUS MATERIAL: Thermal system insulation.**

BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Entire building.

LOCATION: On the heating and water pipes of the building. (See site plans.)

DESCRIPTION: Aircell (cardboard) or mag (plaster-like) insulation on the heating and water piping in the building. This includes the mudded fittings associated with this insulation. This material will be discovered in the walls, floors and tunnels throughout the building. During this time of construction, it is likely that this material will be found buried in the ground around the building site.

This could be found where very early abatement was performed under the fiberglass and non-asbestos, tank and boiler wrap. A sample of residue was taken during the original inspection that identified asbestos residue left on some of the piping that makes the original abatement suspect as to being performed to today's standards. (AR2)

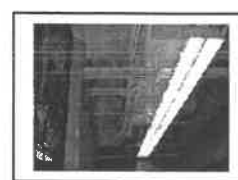
ASSESSMENT: This TSI is in good condition throughout the bldg. with the exception of the tunnel area. The tunnel is sealed and shall remain until abatement is performed. The O&M program including surveillances repairs and training of maintenance and custodial staff shall remain in place as long as any ACM is present in the bldg. This ACM is friable because of potential for damage.



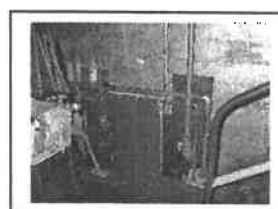
^Attic TSI



Basement ^ entrance TSI - Metal shop TSI^



Hidden TSI



Tunnel TSI



**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample Taken: #AR5, AR25, AR45

HOMOG AREA: 7

HOMOGENEOUS MATERIAL: CAB Cement Asbestos Board.

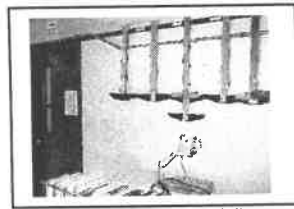
BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Throughout entire building.

LOCATION: On the walls of the metal, wood & mechanical drawing rms. (See site plans.) In window frames as window panels, around welding booths and table in metal shop.

DESCRIPTION: Hard cement board that is fire resistant. This material is very hard and is often mistaken for hardboard which is present in the school.

Care should be taken when working in the building to assure unknown CAB is not disturbed. This may be accomplished through asbestos awareness training to all bldg. staff.



^Drawing rm CAB



Welding ^ booth CAB



- Metal shop wall CAB^



Window CAB^

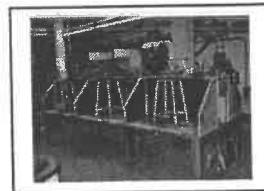


Table CAB^



<Window CAB



**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample Taken: #10-1, 10-2 & 10-3

HOMOG AREA: 10

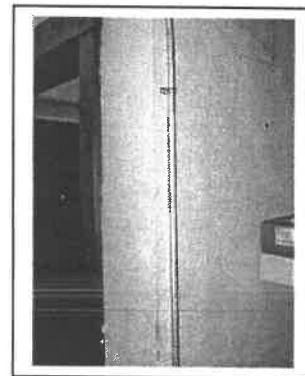
HOMOGENEOUS MATERIAL: Stucco finish in science storage room.

- BUILDING:** Arlington High School, A Building
- FUNCTIONAL AREA:** Science storage room, third floor. (See site plan.)
- LOCATION:** On the walls of room. (See site plans.)
- DESCRIPTION:** Stucco like finish on walls of the science storage room. This surfacing material was not found in any other room of the building and is probably an addition to the building following the original construction. It is very hard and when I tested, is in a non-friable state. It will be contained in the surveillance program and maintained as an asbestos, friable material.

Asbestos stucco



Asbestos stucco finish





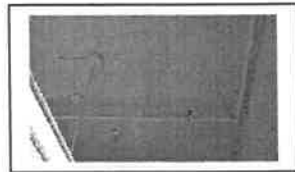
## CAUTION, FRIABLE ASBESTOS CONTAINING MATERIAL

Sample Taken: #11-1, AR30, AR31, AR32, AR33, AR34, AR35 & AR35

HOMOG AREA: 11

HOMOGENEOUS MATERIAL: Acoustical plaster, surfacing material.

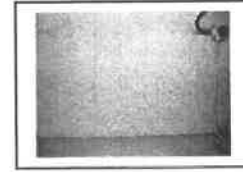
- BUILDING:** Arlington High School, A Building
- FUNCTIONAL AREA:** Auditorium area, office area on second floor & auditorium foyer.
- LOCATION:** On the walls and ceiling areas of above locations. (See site plans.)
- DESCRIPTION:** Typical acoustical plaster that has been painted many times. It has been painted enough that it is in an almost a non-friable state. It is on the walls and ceilings of the auditorium, the ceiling of the foyer of the auditorium and on the ceiling of the office area in all of the office and storage rooms of the office area, above the ceiling tile. (See site plan for locations.)
- ASSESSMENT:** This surfacing acoustical plaster is considered to be a friable material by most professionals and for the purposes of this survey, will be considered friable. It has been painted enough that routine cleanings will not be required for building occupant protection. The O&M program including surveillances repairs and training of maintenance and custodial staff shall remain in place as long as any ACM is present in the bldg. This surfacing ACM is friable because of potential for damage.



^Foyer of auditorium



Entrance ^ to auditorium - Office storage ceiling^



^Auditorium wall acoustical plaster.



Entrance to office storage where surfacing acoustical can be seen, above photo.





**NO ASBESTOS**

Sample #: 20-1, 20-1-ad, 20-2-ad & 20-3-ad

**HOMOG AREA: 20**

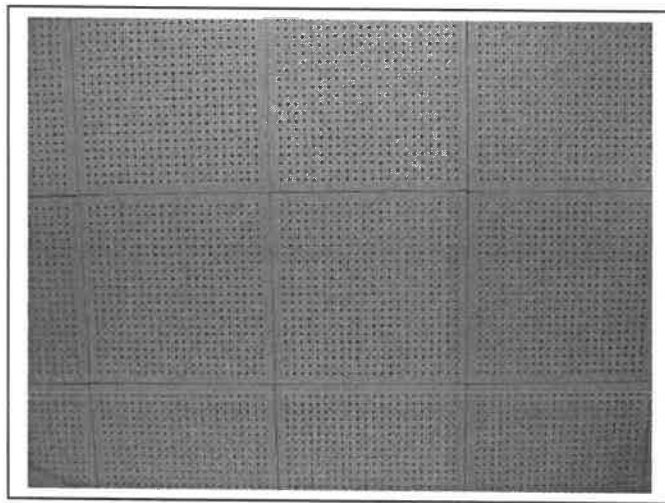
HOMOGENEOUS MATERIAL: 12 X 12 Ceiling tile, small ordered holed with border & adhesive.

**BUILDING:** Arlington High School, A Building where this ceiling tile is found. See photo below.

**FUNCTIONAL AREA:** Throughout different portions of the building.

**LOCATION:** On ceilings.

**DESCRIPTION:** 12 X 12 Ceiling tile, small ordered holed with border & dark brown adhesive. See photo's below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)





**NO ASBESTOS**

Sample #: 21-1, 21-1-ad, 21-2-ad & 21-3-ad

HOMOG AREA: 21

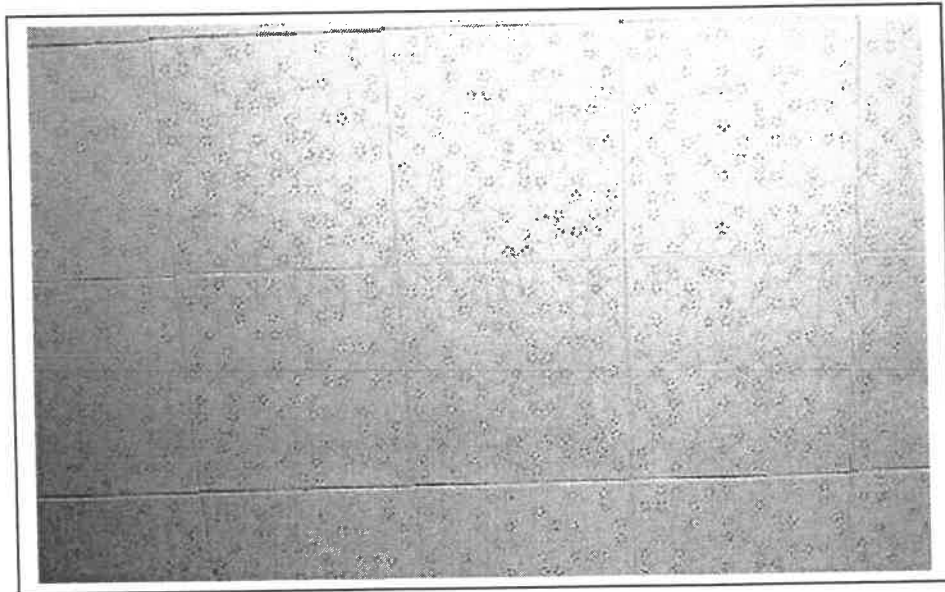
HOMOGENEOUS MATERIAL: 12 X 24 Ceiling tile, smooth face w/ small swirled hole pattern & adhesive used with the tile.

BUILDING: Arlington High School, A Building where this ceiling tile is found. See photo below.

FUNCTIONAL AREA: Throughout different portions of the building.

LOCATION: On ceilings.

DESCRIPTION: 12 X 24 Ceiling tile, smooth face w/ small swirled hole & dark brown adhesive. See photo's below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)





**NO ASBESTOS**

Sample #: 22-1, 22-2, 22-3 & 21-4

**HOMOG AREA: 22**

HOMOGENEOUS MATERIAL: 2 X 4 Ceiling tile, drop-in fissured ceiling tile.

- BUILDING:** Arlington High School, A Building where this ceiling tile is found. See photo below.
- FUNCTIONAL AREA:** Throughout different portions of the building.
- LOCATION:** On ceilings.
- DESCRIPTION:** 2 X 24 Ceiling tile, drop-in ceiling tile, fissured pattern. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)



# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



Assessment/Description Page TAB V

**NO ASBESTOS**

**Sample #: 23-1 & 23-1-ad**

**HOMOGENEOUS AREA: 23**

HOMOGENEOUS MATERIAL: 12 X 12 Ceiling tile, fissured ceiling tile and adhesive.

**BUILDING:** Arlington High School, A Building. See photo below.

**FUNCTIONAL AREA:** Cafeteria hall.

**LOCATION:** On ceilings.

**DESCRIPTION:** 12 x 12 Ceiling tile, fissured pattern and adhesive. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)





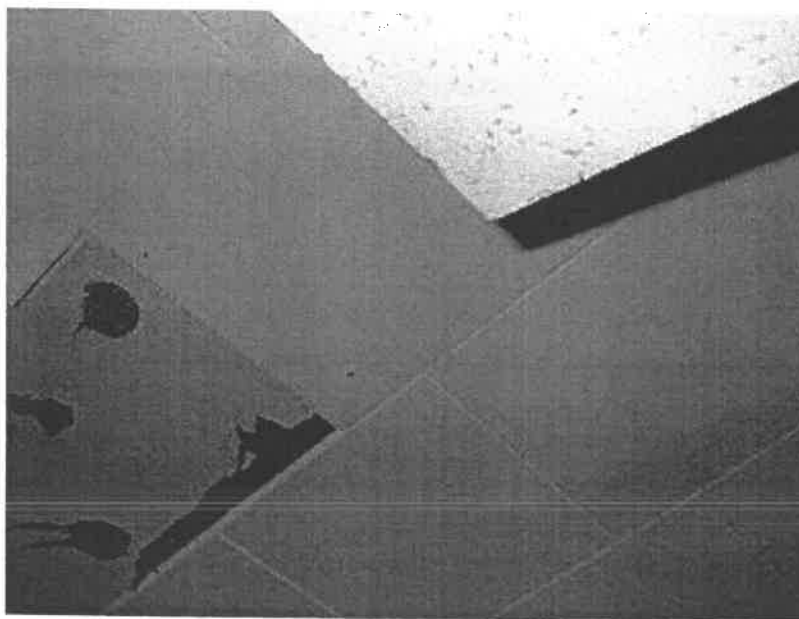
**NO ASBESTOS**

Sample #: 24-1 & 24-1-ad, 24-2-ad

**HOMOG AREA: 24**

HOMOGENEOUS MATERIAL: 12 X 12 Ceiling tile, fissured ceiling tile and adhesive.

- BUILDING:** Arlington High School, A Building. See photo below.
- FUNCTIONAL AREA:** North classroom, home-ec on first floor above ceiling tile.
- LOCATION:** On ceilings.
- DESCRIPTION:** 12 x 24 Ceiling tile, smooth face and adhesive. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)



# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



Assessment/Description Page TAB V

**NO ASBESTOS**

Sample #: 25-1 & 25-1-ad, 25-2-ad

**HOMOG AREA: 25**

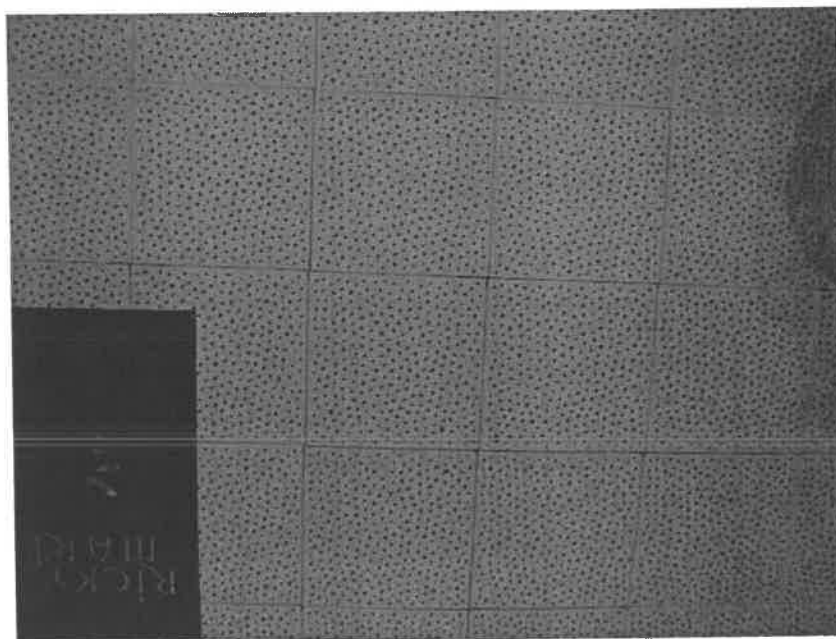
**HOMOGENEOUS MATERIAL: 12 X 12 Ceiling tile, random holed pattern tile and adhesive.**

**BUILDING:** Arlington High School, A Building. See photo below.

**FUNCTIONAL AREA:** Where located in the building. (Sewing room above 2x4 and elsewhere.)

**LOCATION:** On ceilings.

**DESCRIPTION:** 12 x 12 Ceiling tile, random hole ceiling tile and adhesive. This ceiling tile is located throughout the school district buildings and has been sampled many times. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)





**NO ASBESTOS**

Sample #: 26-1 & 26-1-ad, 26-2-ad

**HOMOG AREA: 26**

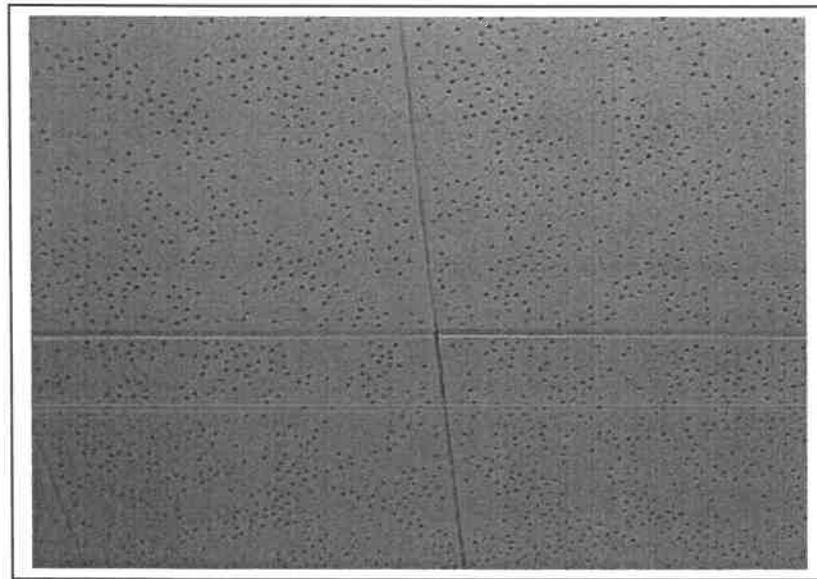
**HOMOGENEOUS MATERIAL: 12 X 12 Ceiling tile, tiny random holed pattern tile and adhesive.**

**BUILDING:** Arlington High School, A Building. See photo below.

**FUNCTIONAL AREA:** Kitchen area.

**LOCATION:** On ceilings.

**DESCRIPTION:** 12 x 12 Ceiling tile, tiny random hole ceiling tile and adhesive. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)



# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



Assessment/Description Page TAB V

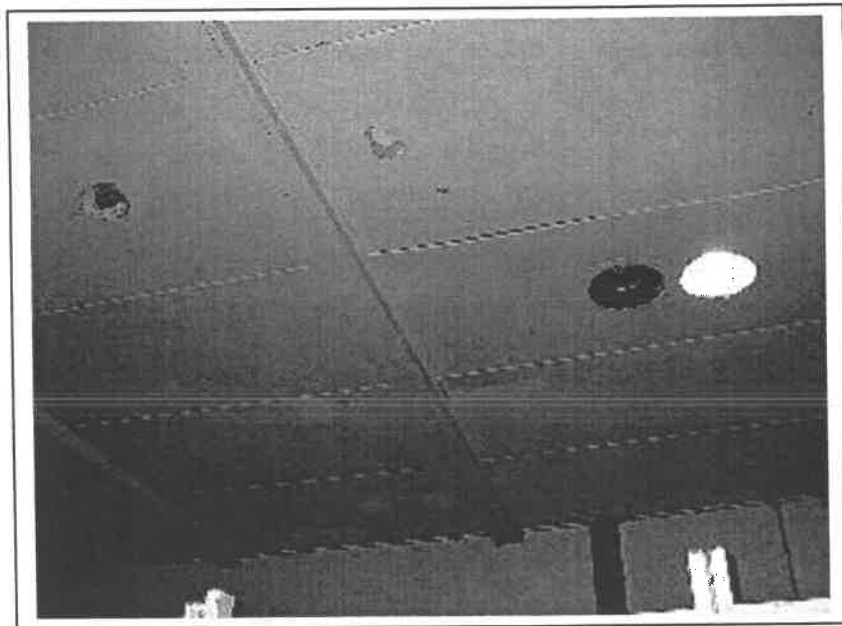
**NO ASBESTOS**

Sample #: AR27

**HOMOG AREA: 27**

**HOMOGENEOUS MATERIAL: 4 x 8 foot fiberboard ceiling panels in the building.**

- BUILDING:** Arlington High School, A Building. See photo below.
- FUNCTIONAL AREA:** Where found on third floor storage and mechanical areas and second floor, NE classroom.
- LOCATION:** On ceilings.
- DESCRIPTION:** 4 x 8 Fiberboard ceiling panels. See photo below. (No ceiling tile or mastic in this building was discovered to contain asbestos.)







**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #30-1, 30-2, 30-4 & AR8

**HOMOG AREA: 30**

**HOMOGENEOUS MATERIAL: 12 X 12 White Floor Tile, Beige Tint & Mastic.**

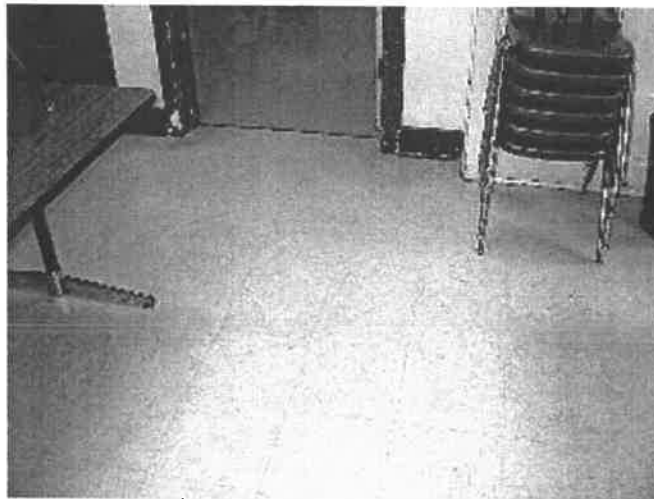
**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Basement floor, ceramics, sewing, crafts & storage rooms.

**LOCATION:** On floors.

**DESCRIPTION:** This 12 X 12 floor tile is not ACM, but the associated adhesive used with the floor tile is asbestos containing.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing.**





**CAUTION, NON-FRIABLE <1% ASBESTOS CONTAINING MATERIAL**

Sample #31-1 & 31-2

HOMOG AREA: 30

**HOMOGENEOUS MATERIAL: 12 X 12 White Floor Tile. Green Tint & Mastic.**

BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Basement floor, foods & drafting rooms.

LOCATION: On floors.

DESCRIPTION: This 12 X 12 floor tile is <1% ACM. The mastic for this tile was shown to be non-asbestos. This was the only floor tile mastic in the building, shown to be non-asbestos. Through the inspector's experience, it is unlikely that all of the mastic for this floor tile is non-asbestos. Therefore, the inspector has determined this mastic / adhesive to be assumed ACM.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing.**





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**Sample #32-1, 32-2, & 32-3**

**HOMOG AREA: 32**

**HOMOGENEOUS MATERIAL: Black paper (vapor?) mastic adhered to the basement floor.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Basement floor, throughout the halls, wood shop, drafting room and NE classroom. This paper and mastic was likely over the entire basement floor at one time and removed off wore off through use in many of the rooms.

**LOCATION:** On floors.

**DESCRIPTION:** This paper and mastic was probably adhered to the floor as a vapor barrier at some time during the past. The paper itself is not asbestos but the mastic used with the paper is asbestos containing. Again, this paper was probably used throughout the entire basement floor at one time. It wore off or was removed from many of the rooms.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing.**





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #33-1 & 33-2

**HOMOG AREA: 33**

**HOMOGENEOUS MATERIAL: Vinyl floor sheeting & Mastic.**

- BUILDING:** Arlington High School, A Building
- FUNCTIONAL AREA:** Basement floor, paint room in the wood shop.
- LOCATION:** On the floor. See site plan for locations.
- DESCRIPTION:** This vinyl floor sheeting is asbestos containing flooring material. This yellow vinyl floor sheeting has been painted gray and is in the South part of the wood shop.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing.**





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #34-1

**HOMOG AREA: 34**

**HOMOGENEOUS MATERIAL: 12 X 12 White Floor Tile, & Mastic.**

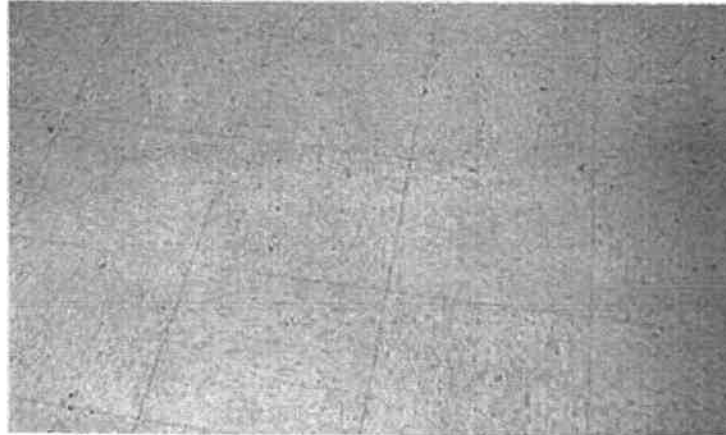
**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Basement floor, metal shop office & foyer rooms.

**LOCATION:** On floors.

**DESCRIPTION:** This 12 X 12 floor tile is not ACM, but the associated adhesive used with the floor tile is asbestos containing.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing.**





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #35-1, 35-2 & 35-3

**HOMOG AREA: 35**

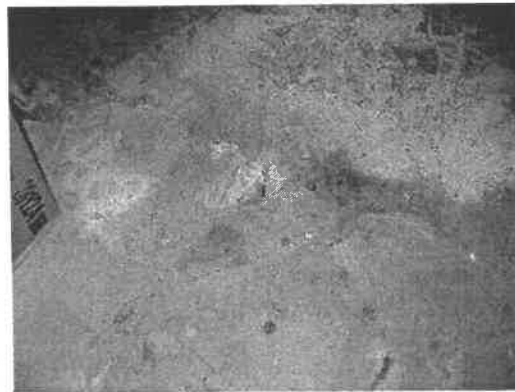
**HOMOGENEOUS MATERIAL: Cement top-coating on stairs and landings in building.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** All stairwells.

**LOCATION:** On floors, steps and landings of stairwells.

**DESCRIPTION:** This top-coating appears to be on all of the stairs and landings in the building. It can be seen where the samples were taken and appears to be about an inch thick. It also appears to orange in its original color as seen below. This top-coating is assumed to be on all the stairwells in the building.



**Landing where sampled.**



**Photo shows steps from basement floor to where this material was sampled.**



**NO ASBESTOS**

Sample #: 36-1, 36-2, 36-3 & AR29

**HOMOG AREA: 36**

**HOMOGENEOUS MATERIAL: Linoleum seen in the hallways of the building on the 2 & 3 floors.**

**BUILDING:** Arlington High School, A Building. See photo below.

**FUNCTIONAL AREA:** Second and third floors of building in the hallways.

**LOCATION:** On the floors.

**DESCRIPTION:** Traditional, non-asbestos linoleum floor sheeting.





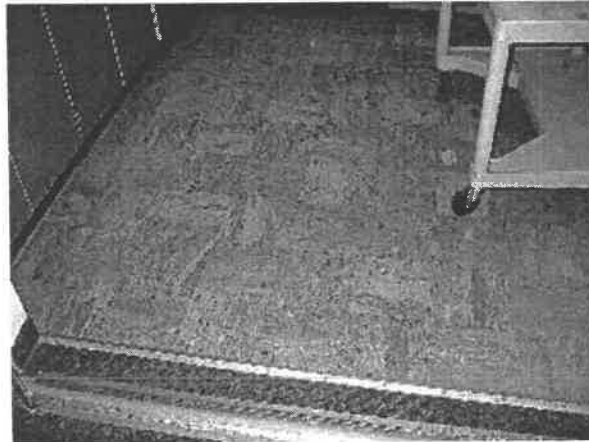
**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**No Sample Taken**

**HOMOG AREA: 37**

**HOMOGENEOUS MATERIAL: 9 X 9 Brown Floor Tile, & Mastic.**

- BUILDING:** Arlington High School, A Building
- FUNCTIONAL AREA:** Second floor of the building in North classroom. See site plan.
- LOCATION:** On floors.
- DESCRIPTION:** This 9 X 9 floor tile is presumed to be ACM including the associated adhesive used with the floor tile is presumed to be asbestos containing.







**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #38-1

**HOMOG AREA: 38**

**HOMOGENEOUS MATERIAL: 12 X 12 Black & White Vinyl Floor Tile, & Mastic.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Little office area in foyer of auditorium.

**LOCATION:** On floors.

**DESCRIPTION:** This 12 X 12, black & white floor tile is not ACM. The associated adhesive used with the thicker-white, 12 X 12 floor tile under this floor tile is asbestos containing.

**All 12 X 12 floor tile in the building is non-asbestos or less than 1% asbestos. However, the mastic for all 12 X 12 floor tile is asbestos containing, with the exception of homogeneous area #38, the thin (vinyl) black & white tile. This vinyl tile is over existing 12 X 12 floor tile with asbestos mastic.**



# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



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**NO ASBESTOS**

**Sample # 40-1**

**HOMOG AREA: 40**

**HOMOGENEOUS MATERIAL: Brown mineral fibered wall insulation**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building where found in walls.

**LOCATION:** Inside walls and ceilings.

**DESCRIPTION:** This brown mineral insulation was found inside the wall from a hole discovered in wall. This insulation was probably added during a remodel of the building. Assurance samples were taken and shown to be a non-asbestos containing material.

(No photo.)



**<1% ASBESTOS**

**Sample # 41-1, 41-2 & 41-3**

**HOMOG AREA: 41**

**HOMOGENEOUS MATERIAL: Vermiculite Insulation**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building where this insulation material is found. Likely to be found inside walls.

**LOCATION:** In attic area and likely in walls and other building cavities.

**DESCRIPTION:** This vermiculite insulation was found in the attic area and suspected to have been added to the building during some of the modernizations to the building. The material that was found in the attic is less than 1% asbestos. If more is found during any demolition activities, an asbestos consultant should sample and determine if hidden vermiculite is ACM.





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample Taken # 42-1, 42-2 & 42-3

**HOMOG AREA: 42**

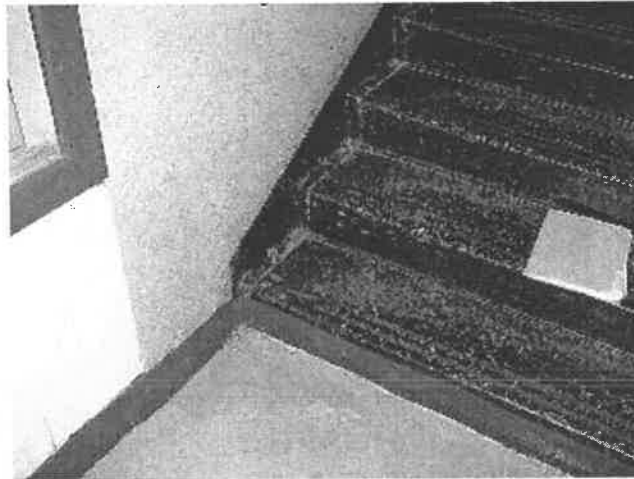
**HOMOGENEOUS MATERIAL: Stair Tread Mastic.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** On all stairwells.

**LOCATION:** On steps of all stairwells.

**DESCRIPTION:** This stair tread adhesive is an asbestos containing mastic. The rubber stair tread is non-asbestos.



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SCHOOL DISTRICT

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**NO ASBESTOS**

Sample # 43-1

**HOMOG AREA: 43**

**HOMOGENEOUS MATERIAL: 1/4" GWB Wallboard**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Found a small amount of this 1/4" GWB in a back, attic area.

**LOCATION:** On walls in a back corner of the attic.

**DESCRIPTION:** This GWB wallboard was different than other GWB found. Assurance samples were taken and shown to be a non-asbestos containing material.

(No photo taken.)



**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**Sample #50-1, 50-2, 50-3 & AR28**

**HOMOG AREA: 50**

**HOMOGENEOUS MATERIAL: Cement-Like Cove Base in Building.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** All stairwells & on 2<sup>nd</sup> & third floors.

**LOCATION:** On floors, steps and landings of stairwells.

**DESCRIPTION:** This cement cove-base is located throughout the building. It can be seen where the samples were taken. It appears to be black in its original color, as seen in the photo below.





**NO ASBESTOS**

**Sample # 51-1**

**HOMOG AREA: 51**

**HOMOGENEOUS MATERIAL: Slate Chalkboards**

- BUILDING:** Arlington High School, A Building
- FUNCTIONAL AREA:** Throughout the building.
- LOCATION:** On walls in classrooms.
- DESCRIPTION:** Through the inspector's experience, these chalkboards are typically non-asbestos. An assurance samples was taken and these chalkboards were shown to be non-asbestos containing chalkboards.





**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

No Sample Taken

**HOMOG AREA: 52**

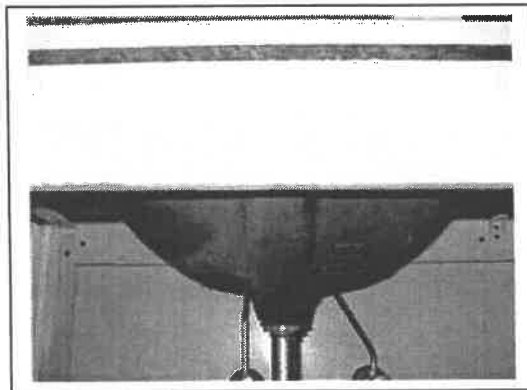
**HOMOGENEOUS MATERIAL: Black Sink Insulation / Soundproofing.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** All bathrooms, kitchens or other sink locations.

**LOCATION:** On bottom of sinks.

**DESCRIPTION:** This black sink insulation is known to be a asbestos containing material. It also appears to black in its original color as seen below.







**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

Sample #53-1, 53-2, 53-3, 53-4, 53-5, 53-6 & 53-7

**HOMOG AREA: 53**

**HOMOGENEOUS MATERIAL: Black /Brown. Rubber Base Cove Adhesive.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building where rubber base cove exists.

**LOCATION:** On lower portions of interior building walls.

**DESCRIPTION:** This black or brown adhesive used to adhere the rubber cove base throughout the building is known to be a asbestos containing material. It is black or brown in its original color, as seen below. All brown / black cove base adhesive is asbestos containing in this building.





**NO ASBESTOS**

Sample # 54-1, 54-2, 54-3, 54-4, 54-5, 54-6, AR9, AR10, AR12, AR23 & AR37

HOMOG AREA: 54

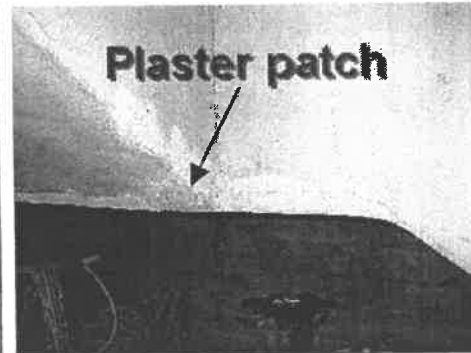
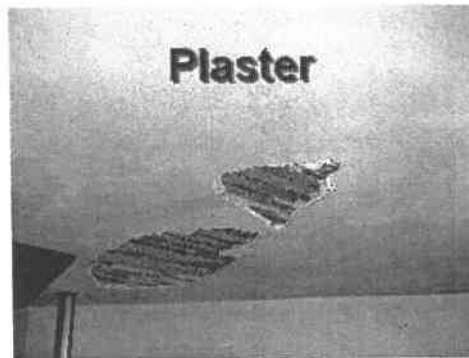
HOMOGENEOUS MATERIAL: Lath & Plaster & Patching Compound

BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Throughout the building.

LOCATION: On walls and ceilings.

DESCRIPTION: This lath & plaster system was installed when the building was originally constructed. Many samples were taken of this lath & plaster system and this wallboard system is shown to be a non-asbestos containing material.



# Arlington

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**NO ASBESTOS**

**No Sample Taken**

**HOMOG AREA: 59**

**HOMOGENEOUS MATERIAL: White, Latex Cove Base Adhesive**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building where found.

**LOCATION:** On lower portion of interior walls of the building, where found.

**DESCRIPTION:** This white, latex cove base adhesive is not a suspect asbestos material. This adhesive is easily distinguished from the brown asbestos containing adhesive in the building, by the white color of the non-asbestos latex adhesive.

(No photo.)



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**NO ASBESTOS**

**Sample #60-1**

**HOMOG AREA: 60**

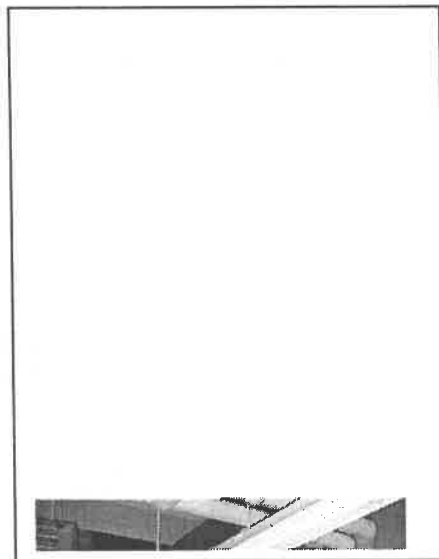
**HOMOGENEOUS MATERIAL: Sawdust bags in woodshop.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Woodshop, basement floor.

**LOCATION:** SW corner of Southern portion of room.

**DESCRIPTION:** White sawdust bags as seen below are non-asbestos containing bags.





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**NO ASBESTOS**

**Sample #61-1**

**HOMOG AREA: 60**

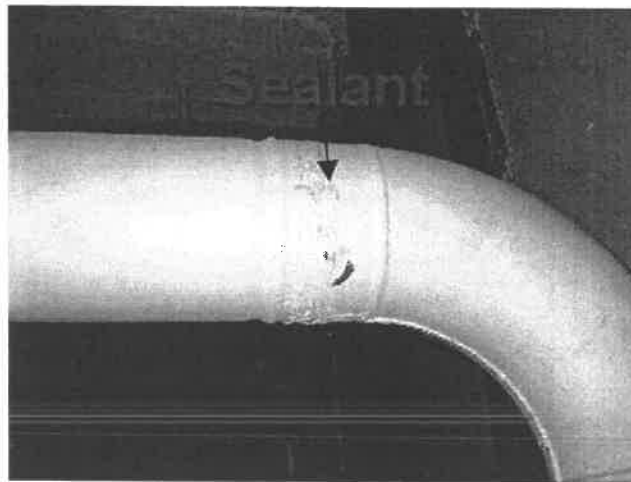
**HOMOGENEOUS MATERIAL: Sawdust collection tube sealant, in woodshop.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Woodshop, basement floor.

**LOCATION:** SW corner of Southern portion of room.

**DESCRIPTION:** Sealant material on the metal collector tubes, as seen below.





**NO ASBESTOS**

**No Sample Taken**

**HOMOG AREA: 62**

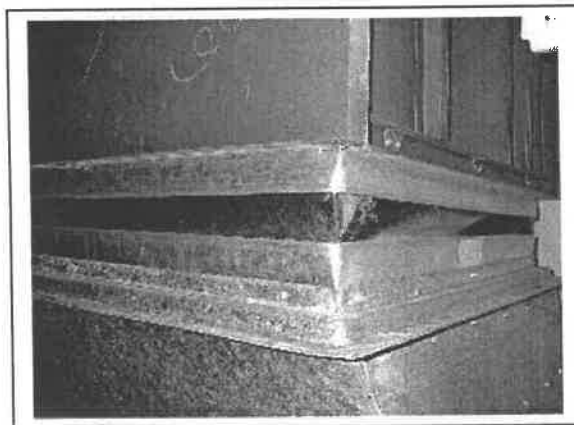
**HOMOGENEOUS MATERIAL: Vibration cloth.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Custodial room.

**LOCATION:** On mechanical ductwork.

**DESCRIPTION:** Rubber, vibration cloth or also known as flex connectors for mechanical ductwork. The inspectors experience has shown this to be a non-suspect, rubber flex connector.





**NO ASBESTOS**

Sample # AR37

**HOMOG AREA: 63**

**HOMOGENEOUS MATERIAL: Lath & Plaster, Patching Compound**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** In storage area of the building under SE corner of building, stairwell on 1<sup>st</sup> floor.

**LOCATION:** On walls.

**DESCRIPTION:** This lath & plaster system was installed when the building was originally constructed. Samples were taken of patches seen in the wallboard system and was shown to be a non-asbestos containing material.





**NO ASBESTOS**

Sample Taken # 64-1

**HOMOG AREA: 64**

**HOMOGENEOUS MATERIAL: Black counter tops on classroom tables.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** North classroom on second floor.

**LOCATION:** On tables.

**DESCRIPTION:** Black science tables appear to be the asbestos chemstone table tops, at first glance. Upon closer examination, these are not the traditional chemstone science countertops and therefore, an assurance sample was taken.







**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**Sample Taken #65-1**

**HOMOG AREA: 65**

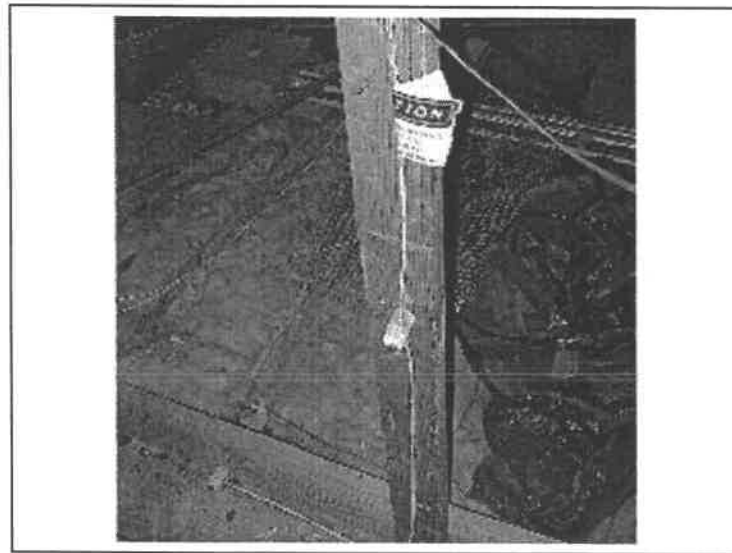
**HOMOGENEOUS MATERIAL: Knob & Tube Wiring.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Entire building.

**LOCATION:** Inside walls, plumbing chases and attic of the building.

**DESCRIPTION:** Traditional knob & tube wiring is known to be a asbestos material. This type of wiring is not thought to be asbestos because of the appearance of the insulation on the wire. One sample is not enough to show all of the wiring to be non-asbestos and therefore, this wiring material will be presumed ACM. During demolition, further sampling should be performed.





**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**No Sample Taken**

**HOMOG AREA: 67**

**HOMOGENEOUS MATERIAL:** Cloth vibration cloth or flex connector.

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Entire building.

**LOCATION:** On mechanical ductwork in the building.

**DESCRIPTION:** Traditional cloth flex connectors on mechanical ductwork as seen below. All canvas and or cloth connectors will be presumed asbestos containing materials. During demolition, further sampling should be performed.





**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**HOMOG AREA: 68**

**No Sample Taken**

**HOMOGENEOUS MATERIAL: Roofing materials.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Entire roof area of the building.

**LOCATION:** On the exterior of the building.

**DESCRIPTION:** Black, built up tar roofing on building. This black roofing has been covered with a white, non-asbestos rubber style roofing. Roofing is assumed to be asbestos containing and should be sampled prior to working on or replacing.

(No photo)



**CAUTION, NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

No Sample Taken

**HOMOG AREA: 69**

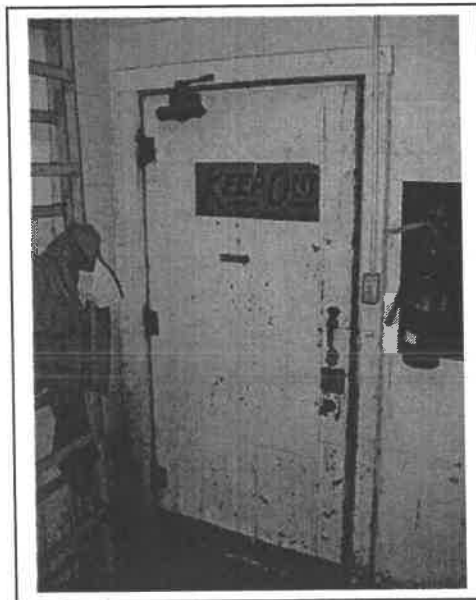
**HOMOGENEOUS MATERIAL: Fire-doors.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building.

**LOCATION:** Where fire-doors exist.

**DESCRIPTION:** Fire-doors are presumed to be an asbestos containing building material. Check for a label on all doors prior to working on. If working on a door where a fire-door would have been required by code (boiler room, chemical area or garage type of area) use caution prior to beginning the work and examine the door closely. If working on a door and cardboard or white powder is seen, stop and have inspected by an accredited asbestos inspector.





**NO ASBESTOS**

Sample # 70-1-T, 70-2, 70-3-T, 70-4-T, 70-5 & 70-6

**HOMOG AREA: 70**

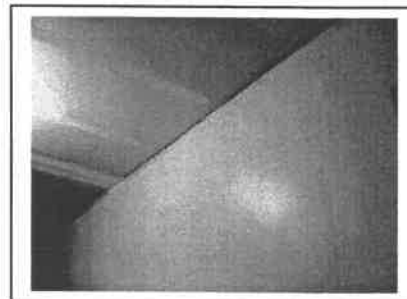
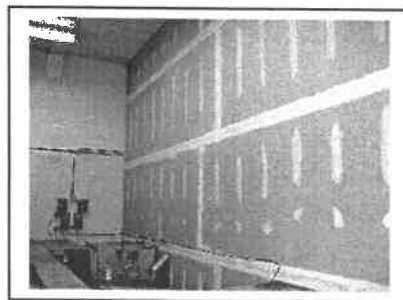
**HOMOGENEOUS MATERIAL: GWB Wallboard & taping compound**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building.

**LOCATION:** On walls and ceilings.

**DESCRIPTION:** This GWB wallboard was installed during remodels of the building. Samples were taken of this GWB wallboard and taping compound and this wallboard was shown to be a non-asbestos containing material.





**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

No Sample Taken

HOMOG AREA: 71

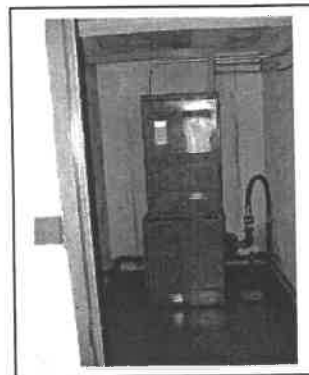
**HOMOGENEOUS MATERIAL: Elevator Building Materials.**

BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Elevator Shaft in building.

LOCATION: Throughout the elevator shaft and coach.

DESCRIPTION: All gasket materials and brake shoes are assumed to be asbestos containing and should be sampled prior to working on or replacing. (The elevator was installed in 1979 and may be non-asbestos.) Elevator coach shown below left and the mechanical portion of the elevator is below right.





**NO ASBESTOS**

**No Sample Taken**

**HOMOG AREA: 72**

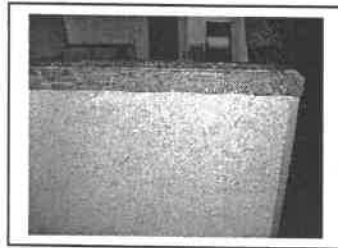
**HOMOGENEOUS MATERIAL: Wall Tile, Wainscote in Halls.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the hallways in the building.

**LOCATION:** On the lower portion of the walls in the hallways.

**DESCRIPTION:** This tile and carpet used as a wainscote for the lower portion of the interior walls and was installed during 1999 and 2000. Only non-suspect adhesive and materials were used. This tile is seen in below photo's.





**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

No Sample Taken

HOMOG AREA: 73

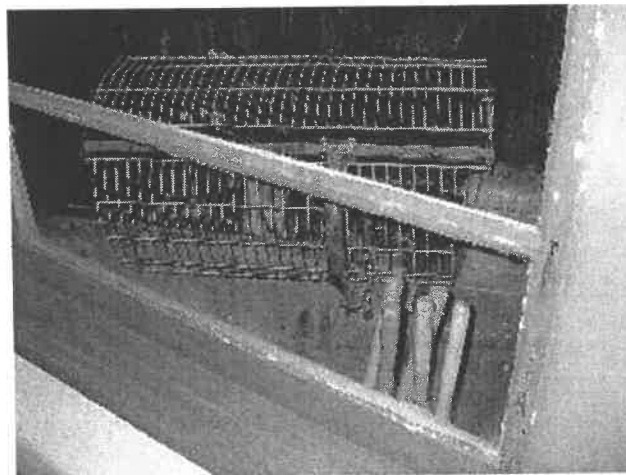
HOMOGENEOUS MATERIAL: Window Putty Materials.

BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: Throughout the building.

LOCATION: Window panes.

DESCRIPTION: All window putty is assumed to be asbestos containing and should be worked on as an asbestos containing materials when work is required.







**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**HOMOG AREA: 77**

**No Sample Taken**

**HOMOGENEOUS MATERIAL: Gasket materials.**

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Throughout the building.

**LOCATION:** On all plumbing, mechanical and heating equipment in the building.

**DESCRIPTION:** All gasket materials on plumbing (including roof drains), heating and mechanical equipment are presumed to be asbestos containing and should be sampled prior to working on, or treated as asbestos containing materials.

(No photo)



**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

No Sample Taken

HOMOG AREA: 78

HOMOGENEOUS MATERIAL: Stage lights, electrical cords.

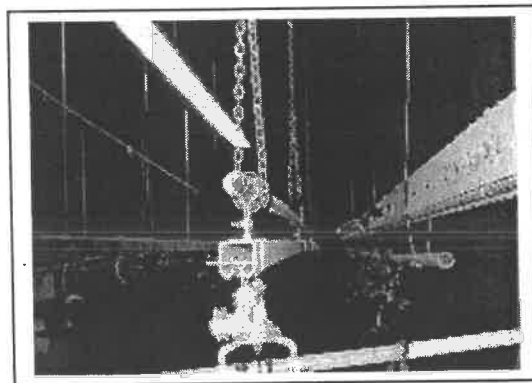
BUILDING: Arlington High School, A Building

FUNCTIONAL AREA: In the performing art area or stage area of the building.

LOCATION: Electrical extension cords on stage lighting.

DESCRIPTION: The wiring on the stage lighting is traditionally asbestos containing and this wiring was presumed to be asbestos containing. These asbestos containing electrical cords are white in color and should be treated as asbestos containing or sampled prior to working on or replacing.

During this inspection of the building, no asbestos cords were seen. All of the stage lighting was a newer, non-asbestos electrical cord. However, the older asbestos inspection reports indicate that there are asbestos electrical cords on stage lighting and this caution is in case of the white asbestos cords being found.





**CAUTION, PRESUMED NON-FRIABLE ASBESTOS CONTAINING MATERIAL**

**HOMOG AREA: 79**

**No Sample Taken**

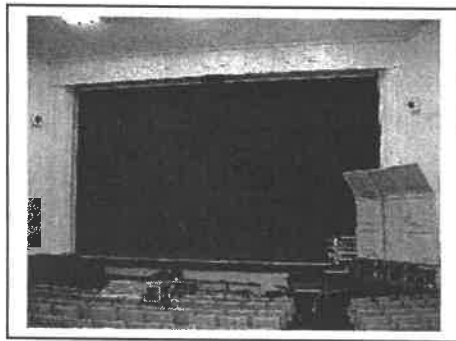
HOMOGENEOUS MATERIAL: Performing Arts, Stage Curtain.

**BUILDING:** Arlington High School, A Building

**FUNCTIONAL AREA:** Auditorium area of the building.

**LOCATION:** On the stage in the auditorium of the building.

**DESCRIPTION:** Stage curtain is a "presumed asbestos containing material" and should be handled as asbestos containing or sampled prior to working on or replacing.





Arlington High School, A Building

### RECOMMENDED RESPONSE ACTIONS

Recommended response actions for each homogeneous area of friable ACBM, including reason, a hazard rating and if initial cleaning is required.

These recommended response actions are methods to assure that the building occupants are in a safe environment. If the area cannot be repaired and cleaned efficiently, response actions could include the removal of the asbestos materials or sealing-off the function space. Most of the response actions will simply require the ongoing maintenance of the asbestos materials until it becomes necessary to remove them for construction related activities.

#### HOMOG

<u>AREA</u>	<u>HAZARD</u>	<u>RECOMMENDED RESPONSE ACTION</u>	<u>INITIAL CLEANING?</u>
#3	High Potential for disturbance	Continued O&M	Not required

All of the TSI re-inspected during this re-inspection was discovered to be in good condition, with exception of the tunnels. These tunnels were sealed off to prevent entry or exposure. Continue with the O&M program with continued emphasis on surveillances and repair for all areas of TSI.

Should the tunnels be accessed, cleaning and clearance air monitoring will be required prior to “non-protected” or normal entry.

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#11	High potential for disturbance	Continue O&M	Not required
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All of the acoustical plaster in the building is in good condition. It is friable because of high potential for disturbance. There was new acoustical plaster discovered during this re-inspection in the office areas by the auditorium. Continue with the O&M program for this acoustical plaster with an emphasis on surveillances, repairs and cleanings as needed when damage occurs.

The O&M program for the Arlington School District is working very well and should be continued.

*No response actions other than O&M are required for occupant health and safety purposes.*



Arlington High School, A Building

**RESPONSE ACTIONS TO BE IMPLEMENTED:**

These recommended response actions are agreed to and will be followed by the Arlington School District to assure that the building occupants are in a safe environment. If the area cannot be repaired and cleaned efficiently, response actions could include the removal of the asbestos materials or sealing-off the function space. Most of the response actions will simply require the ongoing maintenance of the asbestos materials until it becomes necessary to remove them for construction related activities.

**HOMOG**

<b><u>AREA</u></b>	<b><u>HAZARD</u></b>	<b><u>RECOMMENDED RESPONSE ACTION</u></b>	<b><u>INITIAL CLEANING?</u></b>
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#3	High Potential for disturbance	Continued O&M	Not required
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The Arlington School District will continue with the O&M program with continued emphasis on surveillances and repair for all areas of TSI.

The tunnels will be cleaned and clearance air monitoring performed prior to “non-protected” or normal entry.

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#11	High potential for disturbance	Continue O&M	Not required
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The Arlington School District will continue with the O&M program for this acoustical plaster with an emphasis on surveillances, repairs and cleanings as needed when damage occurs.

The O&M program for the Arlington School District will be continued.



## ASBESTOS MANAGEMENT PLAN

### **Resources needed to operate O & M program**

*Resources needed for the District annually are estimated to be \$8,000.*

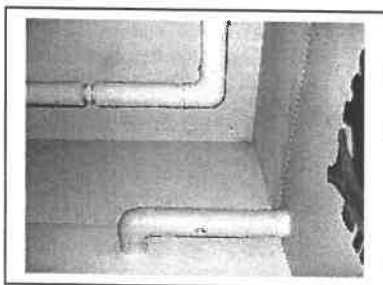
*This includes re-inspections, surveillances, notifications, training of personnel and equipment needed to perform O & M procedures as required.*

*Should a renovation or modernization be planned, a cost estimate should be performed at that time and submitted to the architect for inclusion into the total project budget.*



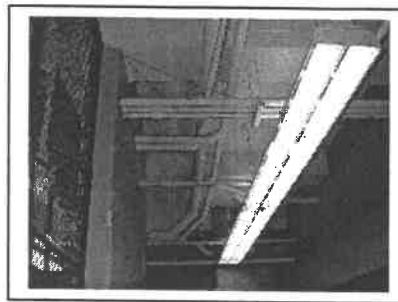
**Location(s) of friable asbestos-containing materials in the Arlington High School, A Building:**

*The friable thermal system insulation is located throughout the first floor of the school in most rooms. Below are photo's of examples of where these materials are located.*



Newer fiberglass TSI above with original asbestos TSI below.

Hidden in wall



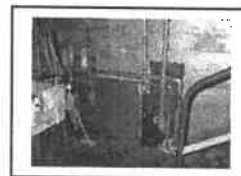
Metal shop TSI



Entrance TSI



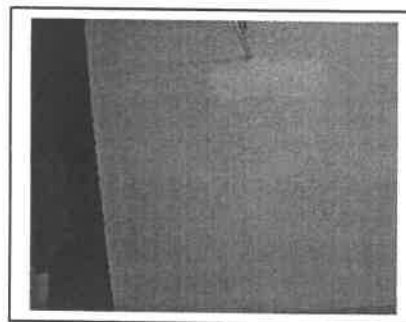
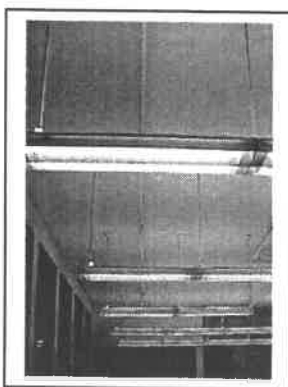
Attic TSI



Sealed tunnel TSI

---

The surfacing acoustical plaster is located on the walls and ceiling of the auditorium, in the foyer of the auditorium and in the main offices above the ceiling tiles. Photo's below show the locations of this material.





**AHERA SURVEILLANCE**

**Every six (6) months**, a surveillance of asbestos containing materials will be conducted at this building. The person performing this surveillance will insure that all labels are in place as listed in Tab XI. Any changes in the condition of ACM will be reported immediately to the AHERA Designated Person (Tab II).

Building: Arlington High School, A Building

Initial Inspection: 9/30/88

Unless otherwise noted all surveillances are performed by Arlington School District employees with business address the same as the building indicated above.

Printed name of person doing surveillance \_\_\_\_\_

Telephone number \_\_\_\_\_

Date of Awareness Training \_\_\_\_\_

Other asbestos training (if applicable) \_\_\_\_\_

A surveillance of areas/locations identified in the Management Plan as containing ACM was made on this date. The AHERA Designated Person will be notified of all condition changes.

**HOMOG**

AREA	LOCATION	MATERIAL	CHANGES
3	Throughout the building	All TSI	
11	Auditorium, foyer and offices	Acoustical plaster	
10	Science storage room	Stucco finish	
30-38	Throughout the building	All Floor tile, coatings & adhesive	
50-53	Throughout the building	All cove base	
7	Windows, metal shop & graphics	Cement Asbestos Board	
52	Throughout the building	Sink insulation	
65	Attic area	Knob & Tube wiring	
67	Throughout the building	White vibration cloth	
69	Throughout the building	Fire-doors	
78	Auditorium & storage room	Stage light electrical cords	
Are asbestos warning labels in place? No <input type="checkbox"/> Yes <input type="checkbox"/>			

Use the asbestos management plan when performing this surveillance to assure that all materials are inspected for damage and asbestos warning labels are in place. Use site plans in Tab V for all locations of asbestos materials and Tab XI to identify locations for the asbestos warning labels. Report any problems to the designated person immediately.

Signature \_\_\_\_\_ Date \_\_\_\_\_

*(Records of these surveillances will be kept in the school districts record-keeping book.)*





**AHERA  
THREE YEAR  
ASBESTOS RE-INSPECTION**

**PERFORMED FOR  
ARLINGTON SCHOOL DISTRICT  
ON THE  
HIGH SCHOOL BUILDING**

*Every three years, a required AHERA certified re-inspection shall be performed on all of the Arlington School District buildings.*

An AHERA re-inspection of Arlington High School, A Building, located in Arlington, WA, was conducted by Colin MacRae, April of 2001. Colin MacRae is an AHERA Certified Building Inspector and consultant for the Arlington School District. Thomas Waltz, Director of Support Services for the Arlington School District, accompanied the re-inspection process. Thomas Waltz is a certified AHERA Building Inspector and Management Planner. Should any questions arise, he may be reached by mailing correspondences to 2714 228<sup>th</sup> St. SE - Bothell, WA. 98021 or by phone at 425-485-6980.

This re-inspection was conducted in accordance with 40CFR Part 763.85(b) and all other statutes that pertain to this re-inspection within 40 CFR Subpart E.

The re-inspection of this building commenced after a review of the original inspection and subsequent re-inspections. All original suspect materials, their location, condition and assessments were noted for review during this re-inspection process. The undersigned inspectors took all reasonable measures to locate any and all suspect and known asbestos containing materials during this re-inspection.

Special attention was given to identifying building alterations that has occurred from the time of the original construction. *Arlington High School, A Building has undergone many remodeling projects. During these remodel projects, many of the asbestos containing materials have been covered with carpeting or other non-asbestos and asbestos flooring materials. Acoustical plaster was discovered in the office area of the building above the ceiling tile, surfacing stucco and many miscellaneous materials that were not previously identified, were discovered, inspected and assessed during this re-inspection.*

**RESULTS OF THIS RE-INSPECTION:**

**This Asbestos Management Plan was updated in its entirety with the results of this re-inspection.**

**NON-FRIABLE ASBESTOS CONTAINING MATERIALS:**

All non-friable ACM was inspected and discovered to be in a non-friable condition as identified in this report. Many new areas of non-friable asbestos containing building materials were discovered during this AHERA inspection. These areas were inspected and documented in this asbestos management plan as asbestos containing materials.

**FRIABLE ASBESTOS CONTAINING MATERIALS:**

*Friable asbestos containing materials were discovered during this inspection. This asbestos management plan was completely rewritten to show the locations of all of the asbestos containing building materials. Assessment sheets were added, hazard assessments were performed on all friable asbestos containing materials and site plans were added showing where these materials are located.*

**RESPONSE ACTIONS:**

All response actions were identified in Tab VI and agreed to by the school District in Tab VII. All required response actions include an on-going O&M program. *Being the Arlington School District has an effective*

# Arlington

SCHOOL DISTRICT

ASBESTOS MANAGEMENT PLAN



*O&M program, the recommendation to the Arlington School District is to continue with the currently implemented O&M program.*

**OTHER:**

*New areas of friable asbestos containing materials were discovered during this re-inspection in the office area above the ceiling tile. This is the same acoustical plaster that is found in the main auditorium. This area had been disturbed at some time in the past for the installation of the ceiling tile panels. However, there is no debris from this disturbance present, the plaster is not likely to be disturbed and if left alone, will not present a hazard.*

All previously identified suspect asbestos containing building materials were identified and inspected or re-inspected during a walk through of the entire building. *Several samples were taken to prove several materials (TSI with the fiberglass runs) were non-asbestos and to identify other possible asbestos containing materials.* These materials, assessments, lab analysis reports are located in Tab V.

Homogeneous areas of materials that do not contain asbestos were identified and documented in Tab V to ease the restrictions on standard maintenance work.

Materials that were installed recently were inspected and documented as non-asbestos containing materials and have been identified in Tab V. *These included the wall tile panels or sections that were installed on the second and third floors during 1999/2000.*

As stated on the content page of this Asbestos Management Plan, this book should be used for normal operations and maintenance activities only. An asbestos-consulting firm should be hired prior to a major construction or demolition project. Destructive inspections should be performed and additional sampling should be performed to be sure that no other homogeneous areas of ACM exist in the building prior to any demolition of any part of the building.

Inspector \_\_\_\_\_ Date \_\_\_\_\_

Inspector \_\_\_\_\_ Date \_\_\_\_\_

(Inspector's certificates are located in the school district's record-keeping book.)



## ASBESTOS MANAGEMENT PLAN

### **Functional areas where labeling are required at Arlington High School, A Building:**

*Asbestos warning labels are required in this building on the following materials:*

*TSI in the boiler room*

*TSI in the plumbing chases of the rest rooms*

*TSI in the electrical room being used as custodial storage in NE corner of basement floor.*

*TSI in attic*

*TSI in Attic of elevator mechanical room.*

*TSI on third floor in hall off of mechanical room.*

*Acoustical plaster warning in custodial of office area, second floor*

*The suspect knob & tube wiring in the attic and plumbing chases where visible.*

*On the tunnel from the boiler room to prevent accidental entry.*



## O&M Plan for Asbestos Containing Materials:

### IF ACBM IS DISTURBED:

- A) Restrict entry into the area and post signs to prevent entry into the area by persons other than those necessary to perform the response action.
- B) Shut off or temporarily modify the air-handling system to prevent the distribution of fibers to other areas in the building.
- C) Notify the principal/building manager.
- D) Contact the *Arlington School District AHERA Designated Person, Thomas Waltz* immediately, who will dispatch a trained asbestos contractor to address the problem.
- E) Continue to monitor the area until the AHERA Designated Person, Thomas Waltz arrives.

### PLAN LOCATION:

A copy of this management plan will be kept in *the main office of the Arlington High School, A Building*. It should be reviewed by anyone prior to performing any work activities, which might disturb ACM in this building.

### PLAN UPDATES:

All asbestos related work activities will be documented. After each activity, the management plan will be updated in a timely manner by the AHERA Designated Person, Thomas Waltz.

### ASBESTOS RELATED WORK:

All asbestos related activity will be conducted by Washington State asbestos contractors and trained asbestos workers.

The Arlington School District will not do any work on asbestos containing materials.

All asbestos related work (including small-scale, short duration jobs) will be accomplished by a qualified asbestos abatement contractor.

### TRAINING:

All custodial and maintenance staff will receive awareness training. This training will include information about the location of the management plan, identification of materials that might contain asbestos and responsibilities for requesting evaluation of suspect materials. Custodial and maintenance training is documented in the *asbestos record keeping files for the Arlington School District*.

If any proposed work might disturb asbestos, a maintenance work order, with an asbestos alert, will be submitted to the *AHERA Designated Person, Thomas Waltz for the Arlington School District*.



## SURVEILLANCE:

Every six (6) months, as listed in Tab X, a surveillance of asbestos containing materials will be conducted at each building. This person will insure that all labels are in place as listed in Tab XI. Any changes in the condition of ACM will be reported immediately to the AHERA Designated Person, Thomas Waltz.

## NOTIFICATION:

This management plan will be available for inspection by interested persons. An annual notification will be sent to parent/teacher organizations (PTSA's) and to employee unions informing them of asbestos work performed, to be performed, plan locations and availability.

## LOCATION OF ACM:

*The materials at the Arlington School District, Arlington High School, A Building that contain asbestos or are suspect asbestos containing materials are listed in Tab V of this asbestos management plan.*

## BUILDING MAINTENANCE, REPAIRS, OR RENOVATION:

Before proceeding with any building maintenance, repair or renovation action, it must be determined whether such action will result in disturbing asbestos containing material (ACM). If it is possible that ACM will be disturbed, a work order with an asbestos alert will be submitted to the *office of the AHERA Designated Person (Thomas Waltz)* for review and recommendation. Such recommendations will be followed during all work on the project. For major renovation work, an asbestos consultant will be hired to quantify all asbestos materials for project, prior to bidding.

## CONTRACTORS AND UTILITIES:

Before they proceed with work in this building, any contractor or utility provider will be advised of the presence of ACM in this building. This management plan will be made available to this contractor or utility provider. The Designated Person, Thomas Waltz will cooperate with the contractor or utility provider to assure that proper procedures are followed with regard to identification and handling of ACM. The quantities given in this report of suspect or known asbestos containing materials are not to be used for bidding purposes. Quantities of the materials listed in this report are estimates and should be verified by other persons, prior to being used for bidding or other purposes. The estimated quantities of asbestos materials given in the survey report or this specification are estimates only. Any person or contractor shall have the responsibility to take measurements of asbestos materials for purposes of bidding.

Any contractor undertaking demolition or abatement projects are responsible for all permits and associated fees. This includes notifications, landfill and other appropriate fees.

The contractor is responsible for conducting all necessary air monitoring on the project, including the WISHA clearance sampling. The contractor is not responsible for the AHERA style clearance sampling. This will be performed by the Arlington School District for asbestos response action projects. All demolition and or abatement projects will be conducted and performed following all requirements of the Washington State Labor and Industry (WISHA), Puget Sound Clean Air Authority (PSCAA) and Department of Transportation (DOT). This includes Safety and Health issues.



Tab XII

Arlington High School, A Building

### **Specialized Cleanings:**

AHERA requires the Management Planner to recommend to the School district, specialized asbestos cleanings in areas where asbestos is friable or has been damaged and asbestos fibers could have or may continue to contaminate the functional space, room or area.

These specialized cleanings include wet wiping, HEPA-vacuuming and/or steam cleaning of the affected (functional) areas.

Recommended AHERA cleanings include every six months of areas where damaged friable asbestos containing materials exist and every month where friable surfacing asbestos containing building materials exist.

To protect the building occupants, the following cleaning schedule has been recommended by the AHERA, Management Planner.

### **Functional Area and Frequency of Cleanings:**

#### **Functional Area**

#### **Frequency**

*In summary, no additional cleanings required.*

*Cleaning of the tunnel area prior to accessing under normal conditions. This area was determined to be in damaged condition and it is reasonable to assume that cleaning and repairs will be required prior to access.*

*The TSI is in good condition and no visible debris was seen during this re-inspection. No cleanings are required or recommended for this re-inspection or building.*

*As the acoustical plaster is well painted and in mostly a non-friable state, no additional cleanings are recommended.*

*If damage occurs to any TSI or acoustical plaster, follow the cleaning requirements listed under the O&M section of this plan.*



**Arlington School District Respirator Program Administrator:**

*The Arlington School District has no need to appoint a Employee Protection/Respirator Program Manager for the Arlington School District, as no asbestos work will be performed by Arlington School District Employees.*

**For further documentation and information:**

*There is no need of a record-keeping book for the medical surveillance program and respirator program for the Arlington School District Building.*

*No asbestos work will be performed by Arlington School District employees. All asbestos work including small-scale / short-duration work, will be performed by Washington State Certified asbestos abatement workers who are employees of a Washington State approved abatement contractor hired by the Arlington School District.*



## Arlington School District Training:

### SCOPE

All custodians and maintenance staff who work for the Arlington School District will receive 2 hours of awareness training. All new custodians and maintenance staff will be trained within 60 days of starting. Every year an asbestos refresher will be given during the annual safety meeting to all maintenance and custodial persons.

All asbestos related work shall be performed by trained asbestos workers. These workers will be trained in accordance with Washington State law with annual refresher. *The Arlington School District has one certified asbestos worker (class one). However, all asbestos related work activities will be performed by outside Washington State approved abatement contractors.*

The AHERA Designated Person training will be listed and any others who have been trained, such as inspectors, management plan-writer, etc.

For each person required to be trained, the Arlington School District will record name, job title and information on their training.

### **FOR FURTHER DOCUMENTATION AND INFORMATION:**

*(See Training Record Keeping Book at Arlington School's Designated Person, Thomas Waltz's Office.)*





**Arlington School District Parent, Teacher, Employee and Short Term Worker Notification:**

Parent, teacher, and employee groups/unions will be notified once a year about the asbestos management plans and of any work that has been done or will be performed in the School buildings pertaining to surveillances, re-inspections, response actions and maintenance and operations procedures.

*A copy of the PTSA & Employee Union letters or publications, will be kept in the AHERA record-keeping book.*

Copies of this asbestos management plan will be kept in the school building office and in the AHERA Designated Person, Thomas Waltz office in the administrative building of the Arlington School District.

By school district policy, all visitors must report to the office when entering a school building. Therefore, the office manager and secretaries will be reminded once a year that they will make the Asbestos Management Plan available to any short term worker that may come into the building to perform maintenance or construction type activities. These workers shall sign in that they have read and understood the hazards with disturbing asbestos containing materials.

*Copies of these office staff notifications will be kept in the AHERA record keeping book.*

*(The Arlington School District may charge a nominal fee for copies of the management plan.)*



**Arlington School District Record-Keeping:**

*All records of abatement activities will be kept at the Support Services Building of the Arlington School District. See the AHERA Designated Person, Thomas Waltz for further information on any of the record keeping documentation to be retained, by the Arlington School District.*



**Non-asbestos-containing building materials at the Arlington School District's Arlington High School, A Building. (THESE BUILDING MATERIALS HAVE BEEN TESTED AND CONTAIN LESS THAN 1% ASBESTOS.)**

TSI, Tank wrap on boiler and mudded fittings that are in conjunction with fiberglass insulation on straight runs.

Mineral insulation (light brown) found in walls, seen in attic area.

GWB wallboard materials throughout Bldg. and all taping compound used for GWB wallboard materials.

Plaster walls throughout the building. (With the exception of the acoustical plaster in the auditorium and office areas and stucco on third floor in science storage room. These are asbestos materials listed above.)

All ceiling tile and associated adhesives throughout the building.

Brown linoleum in halls of second and third floors.

White, cove base mastic.

Wall tile and adhesive used as wainscote.

Slate chalkboards.

Black science tables or counter tops on second floor.

Sawdust hopper bag in wood shop area and the collector tube.

Rubber flexible duct connectors or vibration cloth on mechanical unit. (Black color.)

**HIDDEN DANGERS:**

This inspection was a visual inspection without destructive methods to discover asbestos containing materials. Therefore, asbestos-containing materials may be hidden in this building or site. TSI pipe wrap may be hidden in walls, tunnels, and other building site cavities. Any worker using equipment that cuts or drills into walls or other enclosed areas MUST watch for such materials. On this site there may be UNDERGROUND PIPING which contains asbestos. Persons digging must take proper precautions to avoid improper contact with such pipe. All unidentified TSI, sprayed on surfacing materials, flooring materials or other suspect materials are presumed to be ACM. If in doubt about any material contact the Arlington School District's AHERA Designated Person.



Asbestos Survey 11/29/12

Old Arlington High School, Building A  
First Floor  
Sampling Plan

ID# Description:

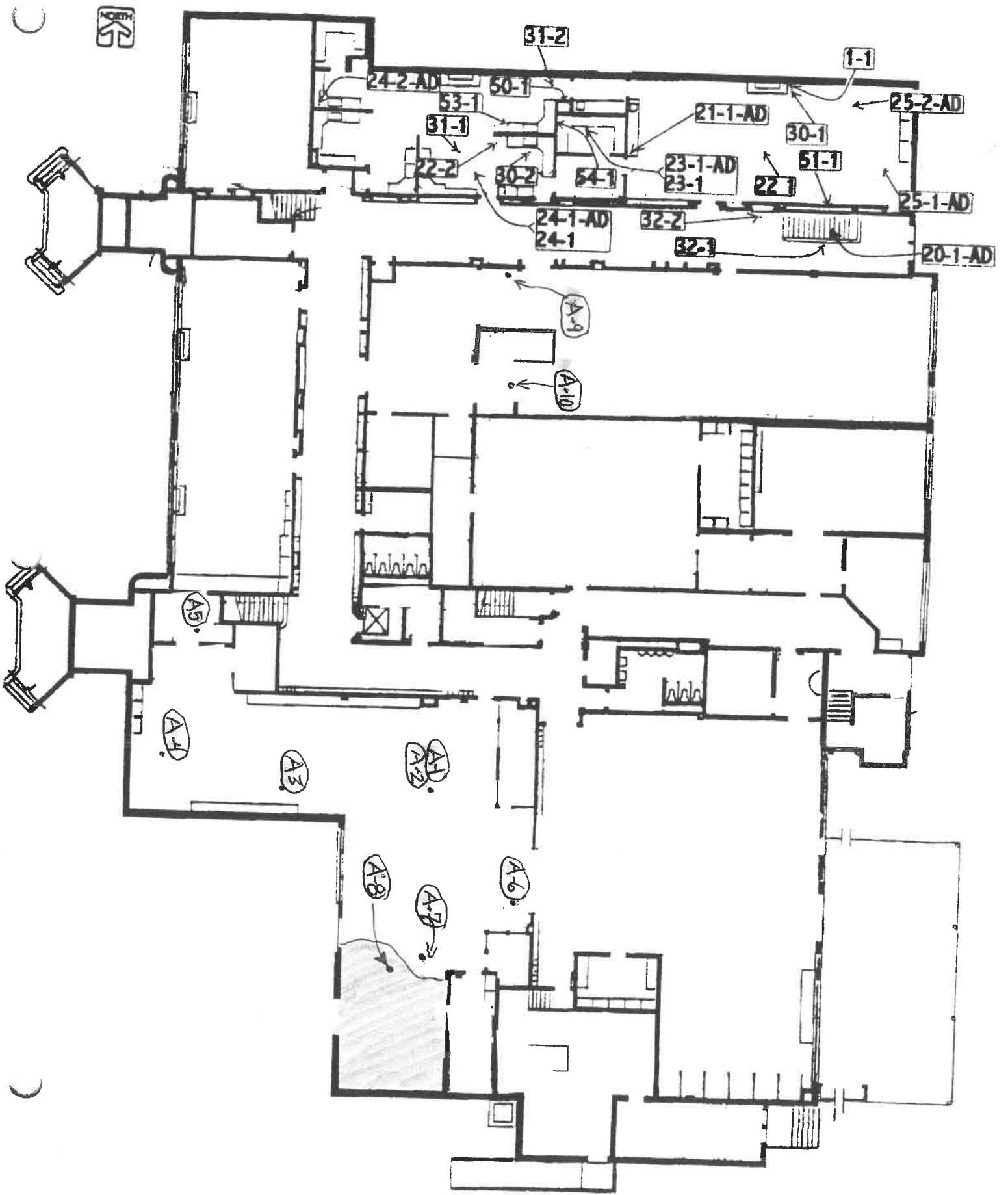
- A-1 Originally sampled under ID# A-111312-01. Mastic residue from under the painted gray, felt paper with tacky black tar like material as a binder.
- A-2 Originally sampled under ID# A-111312-02. Painted gray, felt paper with tacky black tar like material as a binder.
- A-3 Painted gray, felt paper with tacky black tar like material as a binder.
- A-4 Painted gray, felt paper with tacky black tar like material as a binder.
- A-5 Painted gray, felt paper with tacky black tar like material as a binder.
- A-6 Painted gray, felt paper with tacky black tar like material as a binder.
- A-7 Painted gray, felt paper with tacky black tar like material as a binder.
- A-8 Painted gray with floor paint, sample is consistent with a fibrous sheet good that takes up the area of A-8 as detailed in the attached "Sampling Plan".
- A-9 Water damaged plaster/cement material from ceiling.
- A-10 Plaster/cement lath material from ceiling.

Tony Hayes  
AHERA Building Inspector  
ARGUS Pacific Certification #138620

C

C

C



31-2

24-2-AD

50-1

1-1

25-2-AD

21-1-AD

30-1

31-1

22-2

30-2

54-1

23-1-AD

23-1

22-1

51-1

25-1-AD

24-1-AD

24-1

32-2

32-1

20-1-AD

A-9

A-10

A-5

A-4

A-3

A-1

A-2

A-6

A-8

A-7

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201214696

**SEATTLE ASBESTOS TEST, LLC**  
 19711 Scriber Lake Road, Suite D, Lynnwood, WA 98036  
 Tel: (425) 673-9850 Fax: (425) 673-9810  
 www.seattleasbestostest.com  
 Accredited, Experienced, Insured, and Well Managed!

NVLAP Accredited, 200769-0

**CHAIN OF CUSTODY**

ANALYSIS: BULK ASBESTOS TEST  POINT COUNT (400)  POINT COUNT (1000)  POINT COUNT (Gravimetric)  Other

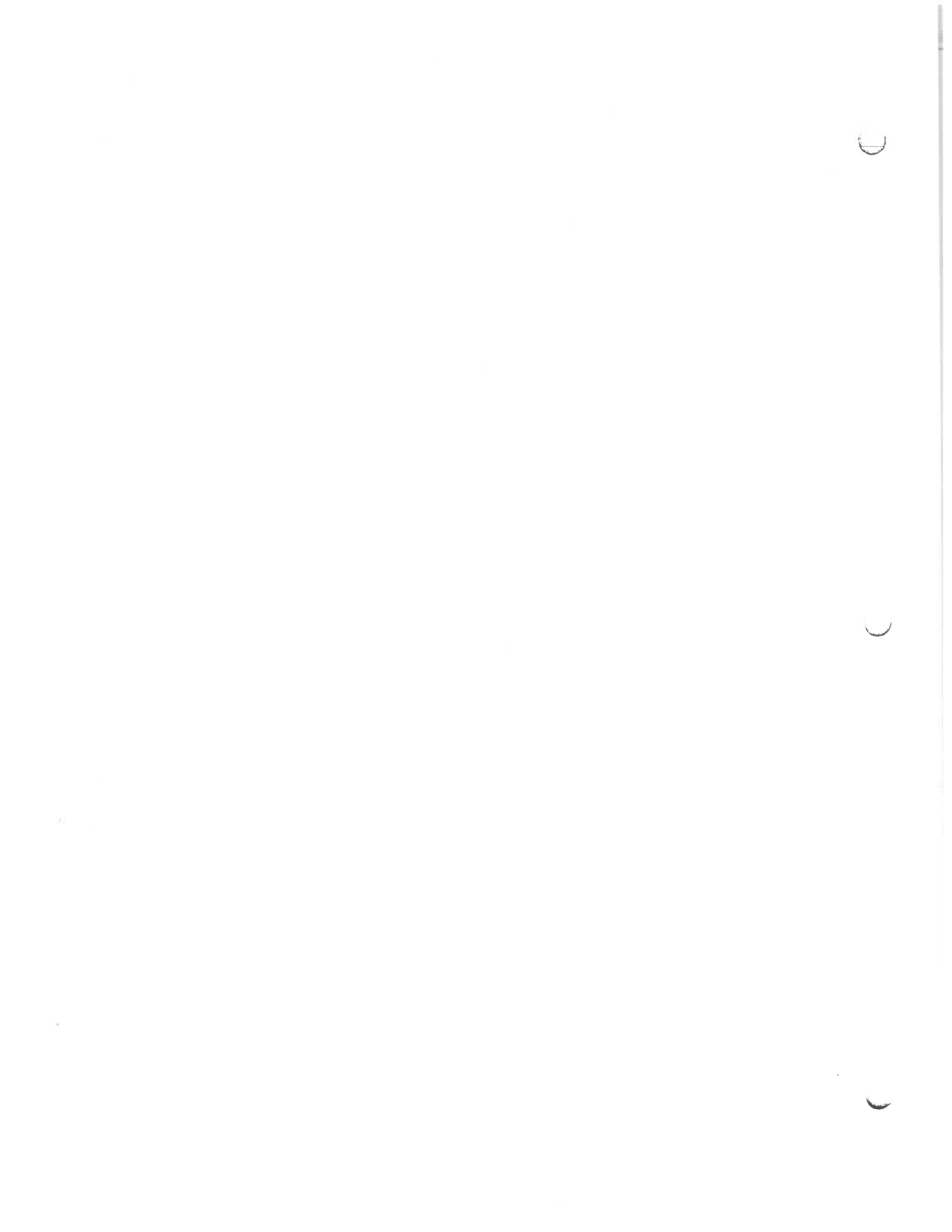
Client Name ARLINGTON SCHOOL DIST.  
 Address 135 FRENCH ST. City ARLINGTON ST WA ZIP 98223  
 Phone: 360.631.1459 Fax: \_\_\_\_\_ Email: thayes@ASS.WEDNET.EDU  
 Project Location: OLD HIGH SCHOOL SHOP Proj. Manager: Tony Hayes  
 Turn Around Time 5 DAY Number of Samples 2 Client Job # \_\_\_\_\_  
 Sample Condition: Good  Damaged  Severe Damage(Spillage)

SEQ#	CLIENT SAMPLE #	SAMPLE DESCRIPTION	LAB ID	A/R
1	A-111312-01	MASTIC RESIDUE		
2	A-111312-02	FELT FLOORING		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

	Print Name	Signature	Company Name	Date	Time
Sampled					
Relinquished					
Delivered	TONY HAYES	Tony Hayes	ADD #16	11/14/12	
Received	Mackenzie Kieft	Mackenzie Kieft	SAT	11/14/12	09:25
Analyzed	Mackenzie Kieft	Mackenzie Kieft	SAT	11/15/12	13:20
Reported					

Result reporting method: Phone \_\_\_\_\_, Fax \_\_\_\_\_, Email \_\_\_\_\_, Pick-up report \_\_\_\_\_

Seattle Asbestos Test warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted and disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. Seattle Asbestos Test accepts no legal responsibility for the purpose for which the client uses the test results. By signing on this form the clients agree to relieve Seattle Asbestos Test of any liability that may arise from the test results. Invoices paid late may be charged of interest, and invoices go to collection may be charged 17% to 25% of collection fee. Checks with NSF will be charged \$50.



**SEATTLE ASBESTOS TEST, LLC**

NVLAP Accredited Lab Code - Bellevue:200876; Lynnwood:200768

Lynnwood Laboratory: 19711 Scriber Lake Rd, Suite D, Lynnwood, WA 98036; Tel: 425.673.9850, Fax:425.673.9810

Bellevue Laboratory: 12727 Northup Way, Suite 1, Bellevue, WA 98005; Tel: 425.861.1111, Fax: 425.861.1118

Website: <http://www.seattleasbestostest.com>, E-mail: [admin@seattleasbestostest.com](mailto:admin@seattleasbestostest.com)**ANALYTICAL LABORATORY REPORT**

PLM by Method EPA/600/R-93/116

Attn.: Mr. Tony Hayes

Client: Arlington School District

Address: 135 French St., Arlington, WA 98223

Client Job #: N/A

Laboratory Batch #: 201214696

Date Received: 11/14/2012

Samples Received: 2

Date Analyzed: 11/15/2012

Samples Analyzed: 2

Project Old High School Shop

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-Fibrous Components	%	Non-asbestos Fibers
1	A-111312-01	1	Black mastic with wood debris		None detected	Mastic/binder, Wood debris	15	Cellulose
2	A-111312-02	1	Gray vinyl		None detected	Vinyl/binder	2	Cellulose
		2	Black asphaltic fibrous material with mastic		None detected	Asphalt/binder, Filler, Mastic/binder	72	Cellulose

*Muehlingi or kept*

0

1

2

201214981

**SEATTLE ASBESTOS TEST, LLC**

Analyzing Quality

Lynnwood Lab: 19711 Scriber Lake Road, Suite D, WA 98036, Tel:425.673.9850, Fax:425.673.9810  
 Bellevue Lab: 12727 Northup Way, Suite 1, Bellevue, WA 98005, Tel:425.861.1111, Fax:425.861.1118  
 Email: admin@seattleasbestostest.com, Website: www.seattleasbestostest.com

**CHAIN OF CUSTODY**

- Bulk Asbestos     Point Count 400     Point Count 1000     Point Count Gravimetric     Other (Specify) \_\_\_\_\_  
 1 Hour     2 Hours     Same day (4 to 6 Hrs.)     1 Day     ..... Days

**Arlington School District**

135 French St., Arlington, WA 98223

Tel: 360.631.1459

Fax: \_\_\_\_\_

Number of Samples 8 PO# \_\_\_\_\_ Project Location \_\_\_\_\_

Project Manager (Check one or more):

Tony Hayes    [thayes@asd.wednet.edu](mailto:thayes@asd.wednet.edu)   

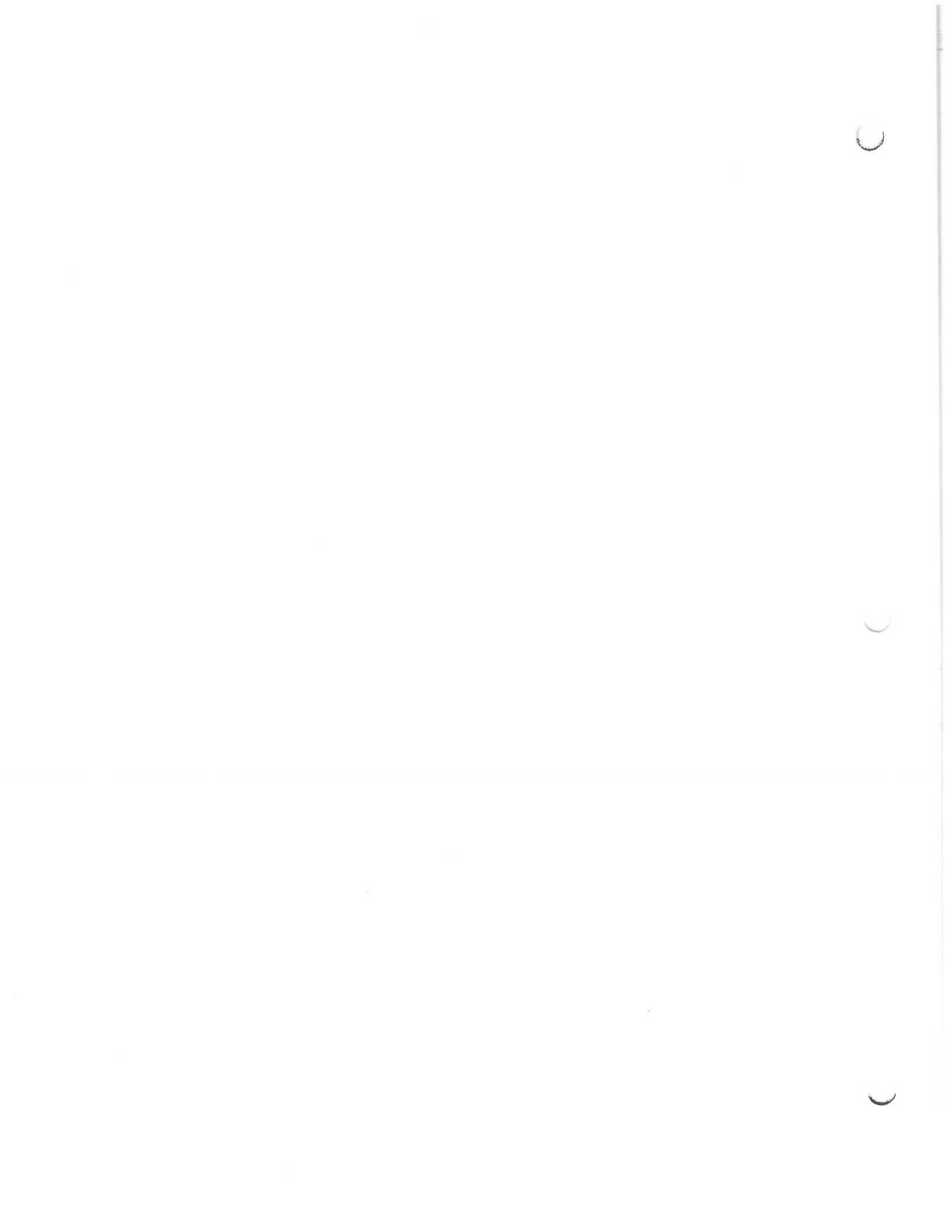
SEQ#	CLIENT SAMPLE #	SAMPLE DESCRIPTION	LOCATION	NOTES
1	A3	BLACK FELT FLOORING		
2	A4	"		
3	A5	"		
4	A6	"		
5	A7	"		
6	A8	"		
7	A9	LATH PLASTER/ CONCRETE		
8	A10	"		
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

	Print Name	Signature	Company	Date	Time
Sampled:	TONY HAYES	<i>Tony Hayes</i>	Arlington School District	11/29/12	9:50 AM
Relinquished:	TONY HAYES	<i>Tony Hayes</i>	Arlington School District	11/29/12	1:20 PM
Delivered:	TONY HAYES	<i>Tony Hayes</i>	Arlington School District		
Received:	H. MUMMEY	<i>H. Mummy</i>	Seattle Asbestos Test	11-30-12	1300
Analyzed:	H. MUMMEY	<i>H. Mummy</i>	Seattle Asbestos Test	11-30-12	1410
Reported:			Seattle Asbestos Test		

Seattle Asbestos Test warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted and disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. Seattle Asbestos Test accepts no legal responsibility for the purpose for which the client uses the test results. By signing on this form, the clients agree to relieve Seattle Asbestos Test of any liability that may arise from the test results. It is the client's responsibility to make sure the samples are appropriately taken according to federal and local regulations. Invoices paid late may be charged of interest, and invoices go to collection may be charged 17% to 25% of collection fee. NSF checks will be charged of \$50.

Results reporting method:     Phone     Fax     Email     Pick-up

Composite all wallboard samples     Text result to phone     Point count ..... % or less asbestos



**SEATTLE ASBESTOS TEST, LLC**

Lynnwood Laboratory: 19711 Scriber Lake Rd, Suite D, Lynnwood, WA 98036; Tel: 425.673.9850, Fax: 425.673.9810

Bellevue Laboratory: 12727 Northup Way, Suite 1, Bellevue, WA 98005; Tel: 425.861.1111, Fax: 425.861.1118

Website: <http://www.seattleasbestostest.com>, E-mail: [admin@seattleasbestostest.com](mailto:admin@seattleasbestostest.com)

NVLAP Accredited Lab Code - Bellevue: 200876; Lynnwood: 200768

**ANALYTICAL LABORATORY REPORT**

PLM by Method EPA/600/R-93/116

Attn.: Mr. Tony Hayes  
 Client: Arlington School District  
 Address: 135 French St., Arlington, WA 98223

Client Job #: N/A  
 Laboratory Batch #: 201214981  
 Date Received: 11/30/2012  
 Samples Received: 8  
 Date Analyzed: 11/30/2012  
 Samples Analyzed: 8

Project: N/A

Lab ID	Client Sample ID	Layer	Description	%	Asbestos Fibers	Non-Fibrous Components	%	Non-asbestos Fibers
1	A-3	1	Black asphaltic fibrous material		None detected	Filler, Asphalt, Binder	67	Cellulose
2	A-4	1	Black asphaltic fibrous material with mastic		None detected	Asphalt/binder, Filler, Mastic/binder	65	Cellulose
3	A-5	1	Brown vinyl		None detected	Vinyl/binder	2	Cellulose
		2	Black asphaltic fibrous material with mastic		None detected	Asphalt/binder, Filler, Mastic/binder	70	Cellulose
4	A-6	1	Gray vinyl		None detected	Vinyl/binder	3	Cellulose
		2	Black asphaltic fibrous material with mastic		None detected	Asphalt/binder, Filler, Mastic/binder	68	Cellulose
5	A-7	1	Black asphaltic fibrous material with mastic		None detected	Asphalt/binder, Filler, Mastic/binder	72	Cellulose
6	A-8	1	Gray sheet vinyl		None detected	Vinyl/binder		None detected
		2	Gray fibrous material with mastic	46	Chrysotile	Binder/filler, Mastic/binder	37	Cellulose
7	A-9	1	Gray sandy/brittle material with paint		None detected	Sands, Filler, Binder, Paint	3	Cellulose
8	A-10	1	Gray sandy/brittle material with paint		None detected	Sands, Filler, Binder, Paint	5	Cellulose

