

____ RIDOH; ____ Owner: ____ Spare

VORTIEX

ASBESTOS ABATEMENT PLAN - DEMOLITION

The "Former" Platt School

Riverside, RI

**Rhode Island Department of Health
Notarized Certification of Asbestos Abatement Plan**

Facility: **THE "FORMER" PLATT SCHOOL**
Address: **80 BURNSIDE AVE.**
City/Town: **EAST PROVIDENCE, RI**

Amend/Plan: **NEW**

Zip Code: **02915**

Abatement plan written by: **JOHN CARBONE**

Certification No: **177 PD/IS**

Summary of specific waivers/variances being requested: . **We are requesting a waiver of floor polyethylene in VAT/SHEET FLOORING and/or MASTIC areas and request an *alternate procedure* for one (1) layer of 6 mil thick polyethylene for wall preparation instead of the standard 2 layers of 4 mil polyethylene. Request a waiver of pre-abatement, in-process and final air clearance sampling/analysis.**

Type of Asbestos Abatement:

Removal	Enclosure	Encapsulation	<input checked="" type="checkbox"/> Other
Glovebag	<input checked="" type="checkbox"/> Asphalt Roofing	<input checked="" type="checkbox"/> Demolition	WINDOW/DOOR CAULKING/GLAZING MATERIAL

Is this plan being submitted in response to a Notice of Violation and/or Notice of Requirement to Submit an Asbestos Abatement Plan?

YES

☒ NO

If Yes, indicate Notice/Building Evaluation Number(s):

Contractor: **TO BE DETERMINED**

License #: LAC - - 000

Estimated starting date: **IMMEDIATELY UPON PLAN APPROVAL**

Pre-Abatement sampling information:

Bulk samples collected by: **JOHN CARBONE**

Certification #: AAC- **177 IS**

Bulk samples analyzed by: **SANAI LAB**

Certification #: AAL- **126T3**

Air samples analyzed by: **NONE REQUIRED**

Certification #: AAL-

Clearance air sampling information:

Air samples to be collected by: **NONE REQUIRED**

Air samples to be analyzed by:

Certification #: AAL-

CERTIFICATION

I certify that: this asbestos abatement plan is prepared and submitted under the provisions of RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1; all abatement/management activities performed in conjunction with this plan must be in compliance with the specifications prescribed in this plan (when approved) and the most current revision of all applicable federal and state regulations; and the asbestos abatement/management activities described in this plan must be performed by a RI licensed asbestos abatement contractor.

Certified by: _____ Title: _____
(Signature of building owner or agent)

(typed/printed name of Certifier)

Date: ____/____/____

Subscribed and sworn before me this _____ day of _____, 202__

My Commission expires: _____

AFFIX NOTARY SEAL HERE

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

1) Building Owner's name:

CITY OF EAST PROVIDENCE

3) Building Owner's Mailing Address and
Telephone Number:

2) Application prepared by:

JOHN CARBONE
RI Cert. #: 177PD

EAST PROVIDENCE CITY HALL

Street: **145 TAUNTON AVE**
City, State: **EAST PROVIDENCE, RI**
Zip code: **02914**
Tel. #: **(401) 639-3130**

4) Person to be contacted regarding
this application:

Name: **ED CATELLI**
Tel. #: **(401) 639-3130**

5) Location where abatement work will be performed:

Name: **THE "FORMER" PLATT SCHOOL**
AVE.: **80 BURNSIDE AVE.**
City, State: **EAST PROVIDENCE, RI** Zip code: **02915**

6) is this application being submitted in response to a "Notice of Requirement to Submit and Asbestos Abatement Plan?"

YES ☐ NO ☒

If yes, what is the due date for submittal of Asbestos Plan?

Evaluation Number on the notice:

7) Contractor who will be performing abatement work (if selected):

Name: **TO BE DETERMINED** RI License #: LAC - **- 00**

8) Estimated starting date of abatement work:

UPON PLAN APPROVAL

9) Estimated completion date of abatement work:

WITHIN 2 WEEKS

10) Type of Asbestos Abatement (Check all that apply)

Removal	Enclosure	<input checked="" type="checkbox"/> Asphalt Roofing
Encapsulation	<input checked="" type="checkbox"/> Demolition	Operations & Maintenance only
<input checked="" type="checkbox"/> Other	Glovebag Removal	

11) Type of Building:

School Building
Privately owned building
☒ Publicly owned building [FORMER SCHOOL BLDG.]
Residence
Other (specify)

12) Building Access:

Public Access (>25% of building area)
☒ Limited Public Access (<25% of building area)
No Public Access

13) Bulk Sample collection and analysis

A) Person collecting bulk samples

Name: **JOHN CARBONE**

RI Certification #: **177 IS**

A) Sampling Methodology:

EPA AHERA Sampling Requirements [40 CFR 763.86]

☒ EPA's Asbestos containing Material in Buildings: A Guidance Document (EPA-450/2-78-014) or Guidance for Controlling Asbestos Containing Materials – 1985 Edition (EPA-560-5-85-024).

Other (specify below)

B) Laboratory performing the analysis of the bulk samples.

Name: **SANAIK LAB**

RI Cert. #: **126T3**

C) Analytical Methodology

☒ EPA Interim Method for the determination of Asbestos in Bulk Insulation samples [PLM Method only]

Other (specify below)

14) Pre-abatement Air Sampling Collection and Analysis: **NONE REQUIRED
REFER TO ATTACHMENT #3**

- A) Person collecting pre-abatement air samples:
Name: Affiliation:
- B) Laboratory performing analysis of pre-abatement air samples:
Name: RI Cert. No: AAL-
- C) Methodology used in the collection and analysis of pre-abatement samples:
NIOSH Method 7400 [Most Current Revision]
OSHA 29 CFR 1926.1101 – Appendix A & B
Other (specify below)
-

- 15) A) Indicate how the asbestos containing material (ACM) will be removed from the abatement site.
If a hauler or broker will be used to transport the ACM to the disposal site, they must be identified.

REMOVED IN A CLOSED DUMPSTER, NO HAULER SELECTED YET.

- B) Provide the name and location of the authorized asbestos waste facility to which the removed material will be transferred for disposal (if known)

UNKNOWN

- 16) Person designated as compliance monitor for abatement work. (Not required)

Name: **VORTEX STAFF**
Affiliation: **VORTEX INC.**

17) In-process & clearance air sampling **REFER TO ATTACHMENT #1**

- a) Describe on an attachment the type, number and location of air samples that will be collected outside the work area during the abatement project.
- b) Describe on an attachment, the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (<0.01 f/cc) is exceeded outside the work area during the abatement project.
- c) Describe on an attachment the type, number and location of air samples that will be collected as part of the final clearance testing.
- d) Describe on an attachment, the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (<0.01 f/cc) is exceeded during final clearance testing.
-

- 18) A separate and fully completed Form ASB-16A must be submitted for each area to be abated. List below the entry in Item #1 from each attached ASB-16A.

INTERIOR

EXTERIOR SIDES [WINDOW/DOORCAULKING/GLAZING]

EXTERIOR - ROOF

-
- 19) I certify that this plan was prepared by me and I am responsible for its content:

Signature: _____

Date: _____

Name:

JOHN CARBONE

Affiliation:

VORTEX INC.

-
- 20) Asbestos Abatement Plan Application Fee:

X GREATER THAN 50 NESHAP Unit

\$900

Agency Use only

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN
Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **INTERIOR**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWINGS A1 - A3 AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWINGS A1 - A3

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

☒ YES

NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

☒ 1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG)

1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☒ YES

NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

REFER TO ATTACHMENT #4

E) Will any RACM remain in this area after abatement?

YES

☒ NO

Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS

Department of Health

Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **EXTERIOR - SIDE WALL AREAS**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWING A5 [AREA #50] AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWING A5

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

YES

☒ NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG)

1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☒ YES

NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

REFER TO ATTACHMENT #5

E) Will any RACM remain in this area after abatement?

YES

☒ NO

Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

STATE OF RHODE ISLAND AND PORTSMOUTH PLANTATIONS
Department of Health
Division of Occupational and Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN
Supplemental Information: Area Description and Proposed remedy

BUILDING LOCATION: **ROOF**

Instructions: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

1) Area Location/Identification (Room Name, Evaluation number, etc.)

**REFER TO ATTACHED DRAWING A4 [AREA #49] AND
ATTACHMENT #2A - CHART OF ACM**

2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

REFER TO ATTACHMENT #2 & ATTACHMENT #2A - CHART OF ACM

3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

REFER TO ATTACHED DRAWING A4

4) Proposed remedies:

A) Attach a description of the Operations and Maintenance Plan that will be implemented in accordance with RIDOH - ASBESTOS CONTROL REGULATION #216-RICR-50-15-1;

REFER TO ATTACHMENT #3

4) Proposed remedies [continued]

B) Will any portion of this area be abated by use of **1.14** Work Procedures?

☒ YES

☐ NO

If yes, indicate below which ACM in this area will be abated by use of the following Work Procedures:

1.14.2 & 1.14.3 (REMOVAL)

1.14.4 (ENCAPSULATION)

1.14.5 (ENCLOSURE)

1.14.6 (DEMOLITION)

1.14.7 (GLOVEBAG)

☒ 1.14.8 (ASPHALT ROOFING)

C) Are you proposing any waivers to the above selected **1.14.7 (B) & 1.16** procedures for any of the abatement activities in this area.

☐ YES

☒ NO

If yes, attach a detailed description of the waivers requested and/or the alternative procedures you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D) Are you proposing alternative procedures under **1.16** for any of the abatement activities in this area?

☐ YES

☒ NO

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

E) Will any RACM remain in this area after abatement?

☐ YES

☒ NO

☐ Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

ATTACHMENT # 1

WAIVER OF PRE-ABATEMENT, IN-PROCESS AND CLEARANCE AIR SAMPLING

Due to exterior and interior abatement and there shall be NO re-entry into the building after interior abatement, we are requesting waiver of pre-abatement, in-process and final air clearance testing. In lieu of area testing, the asbestos contractor is required to submit applicable OSHA compliance personnel air testing within 3 days of project completion. THE ASBESTOS DANGER SIGNS SHALL REMAIN INTACT [ATTACHED TO BUILDING] UNTIL THE DEMOLITION COMMENCES.

ATTACHMENT #2

DESCRIPTION OF ACBM

This project involves the abatement of various types of ACM building materials that will require abatement prior to building demolition to include:

- roof flashing material
- window caulking & glazing material
- door frame perimeter caulking
- floor tile and / or mastic
- sheet flooring material [brown color]
- TSI pipe insulation

Refer to ATTACHMENT #2A – CHART OF ACM for quantities and locations referenced on attached DRAWINGS A1 - A5.

"SPECIAL" WORK PROCEDURE

TSI PIPE INSULATION - The vast majority of pipe insulation is located within the basement. However, abatement should be performed in the following steps [per floor] to ensure the pipe insulation has been fully abated prior to demolition to include:

STEP #1 - abate the floor tile/sheeting material and/or applicable mastic.

STEP #2 - remove the suspended ceiling tiles [non-ACM] to expose the air plenum area above to visualize and expose any pipe insulation and where the pipe travels up/down within the perimeter walls or to the floor above/below.

STEP #3 - remove a 3' square section in the plaster ceilings [non-ACM] to expose the air plenum area above to visualize and expose any "hidden" pipe insulation and where the pipe travels up/down within the perimeter walls. Once identified abate the TSI.

ATTACHMENT #2A - CHART OF ACM "FORMER" PLATT SCHOOL

FLOOR & DRAWING #	AREA # ON DRAWING	DESCRIPTION OF AREA	9" X 9" FLOOR TILE	9" X 9" FLOOR TILE AND MASTIC	12" X 12" FLOOR TILE & MASTIC	SHEET FLOORING BROWN COLOR	TSI PIPE & FITTING INSUL.	PERIMETER ROOF FLASHING	ROOF PENETRATION FLASHING	COND. OF ACM	COMMENTS
1/A1	1	OFFICE	S.F.	S.F.	S.F.	S.F.	L.F.	L.F.	S.F.		EXPOSED TSI PIPE INSULATION
1/A1	3	GENERATOR ROOM									
1/A1	4	BOILER ROOM									
1/A1	5	STORAGE									
1/A1	6	REAR OFFICE / STORAGE									
1/A1	7	BATHROOM									TSI PIPE INSULATION ABOVE PLASTER CEILING
1/A1	8	STORAGE ROOM									
1/A1	9	BATHROOM									PIPE INSULATION ABOVE PLASTER CEILING
1/A1	10	STORAGE ROOM									
1/A1	11	UTILITY AREA									
1/A1	12	SMALL STORAGE			60					FAIR	
1/A1	13	CORRIDOR			90					FAIR	
1/A1	14A	STAIRWAY				400				FAIR	TSI PIPE INSULATION [EXPOSED AND ABOVE PLASTER CEILING]. BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, EXIT LEVEL & MID 1/2 LANDINGS.
1/A1	14B	STAIRWAY			105					FAIR	EXPOSED TSI PIPE INSULATION
1/A1	15	OFFICE			440					FAIR	EXPOSED TSI PIPE INSULATION
1/A1	16	OFFICE		810						FAIR	EXPOSED TSI PIPE INSULATION
1/A1	17	OFFICE		810						FAIR	EXPOSED TSI PIPE INSULATION
1/A1	18A	STAIRWAY				400				FAIR	TSI PIPE INSULATION [EXPOSED AND ABOVE PLASTER CEILING]. BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, EXIT & MID 1/2 LANDINGS.
1/A1	18B	STAIRWAY		100						FAIR	EXPOSED TSI PIPE INSULATION
1/A1	19	CORRIDOR		684						FAIR	EXPOSED TSI PIPE INSULATION
1/A1	20	CORRIDOR			470					FAIR	EXPOSED TSI PIPE INSULATION
		ENTIRE 1ST FLOOR LEVEL					1,000				VARIOUS DIAMETER TSI THROUGHOUT LEVEL. EXPOSED AND ABOVE SUSPENDED & PLASTER CEILINGS.

FLOOR & DRAWING #	AREA # ON DRAWING	DESCRIPTION OF AREA	9" X 9" FLOOR TILE	9" X 9" FLOOR TILE UNDER CARPET	12" X 12" FLOOR TILE & MASTIC	SHEET FLOORING BROWN COLOR	TSI PIPE & FITTING INSUL.	PERIMETER ROOF FLASHING	ROOF PENETRATION FLASHING	COND. OF ACM	COMMENTS
			S.F.	S.F.	S.F.	S.F.	L.F.	L.F.	S.F.		INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
2 / A2	21	OFFICE		375						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
2 / A2	22	OFFICE		720						FAIR	
2 / A2	23	OFFICE									
2 / A2	24A	STAIRWAY				550				FAIR	BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, EXIT LANDING TO EXTERIOR, 2ND FLOOR LANDING & MID 2/3 LANDINGS.
2 / A2	24B	STAIRWAY									NON-ACM 12" FLOOR TILE & MASTIC
2 / A2	25	OFFICE		720						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
2 / A2	26	OFFICE		720						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
2 / A2	27	STAIRWAY									BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, EXIT LANDING TO EXTERIOR, 2ND FLOOR LANDING & MID 2/3 LANDINGS.
2 / A2	28	OFFICE		400						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
2 / A2	29	OFFICE		240						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
2 / A2	30	OFFICE		270						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
2 / A2	31	OFFICE		740						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
2 / A2	32	STAIRWAY				550				FAIR	BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, EXIT LANDING TO EXTERIOR, 2ND FLOOR LANDING & MID 2/3 LANDINGS.
2 / A2	33	OFFICE		600						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
3 / A3	34	OFFICE		360						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
3 / A3	35	OFFICE		360						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
3 / A3	36	OFFICE		400						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE

FLOOR & DRAWING #	AREA # ON DRAWING	DESCRIPTION OF AREA	9" X 9" FLOOR TILE	9" X 9" FLOOR TILE UNDER CARPET	12" X 12" FLOOR TILE & MASTIC	SHEET FLOORING BROWN COLOR	TSI PIPE & FITTING INSUL.	PERIMETER ROOF FLASHING	ROOF PENETRATION FLASHING	TOTAL COMP.	COND. OF ACM	COMMENTS
			S.F.	S.F.	S.F.	S.F.	L.F.	L.F.	S.F.			
3 / A3	37A	STAIRWAY			400							BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, 3RD FLOOR LANDING AND STAIR TREADS/LEADING UP TO SMALL ROOM ABOVE STAIRS.
3 / A3	37B	ROOM ABOVE STAIRWELL				100					FAIR	
3 / A3	38	OFFICE		840							FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE
3 / A3	39	OFFICE		840							FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
3 / A3	40A	STAIRWAY			400						FAIR	BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, 3RD FLOOR LANDING AND STAIR TREADS/LEADING UP TO SMALL ROOM ABOVE STAIRS.
3 / A3	40B	ROOM ABOVE STAIRWELL				100					FAIR	
3 / A3	41	OFFICE										
3 / A3	42	OFFICE										
3 / A3	43	OFFICE			720						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
3 / A3	44	OFFICE										INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
3 / A3	45	STAIRWAY			400						FAIR	BROWN COLORED SHEET FLOOR INCLUDES STAIR TREADS, RISERS, 3RD FLOOR LANDING AND STAIR TREADS/LEADING UP TO SMALL ROOM ABOVE STAIRS.
3 / A3	46	CORRIDOR										
3 / A3	47	SMALL CLOSET			16						FAIR	
3 / A3	48	OFFICE			720						FAIR	INCLUDES CLOSET, REMOVE/DISPOSE CARPET AT NON-ACM WASTE, CHECK /ABATE VAT UNDER DIVIDER WALLS IN ROOM [IF APPLICABLE].
R / A4	#49	ROOFTOP						450	200		FAIR	LOCATED UNDER A NON-ACM PVC ROOF & 1" THICK FIBERGLASS BOARD. ABATE A 1" WIDE STRIP FROM PERIMETER EDGE AND FROM THE DECK AND ALL VERTICAL FLASHING FROM 20+ ROOF PENETRATION ITEMS (VENTS, PIPES, ETC.)

[illegible]

ATTACHMENT #3

Interim Operations and Maintenance Program

This building is locked and unoccupied but the EP maintenance staff still has access.

The building owner is aware of the asbestos containing materials within these areas. These people have been or will be educated and advised not to disturb the asbestos-containing materials due to the potential health effects if asbestos fibers become airborne. All building owner employees have been or will be notified as to the presence of asbestos-containing building materials within the specific areas. Any outside contractor will sign a document stating that he has been made aware of the presence and location of the asbestos-containing materials within these areas. Also, the building owner representative(s) are responsible for presenting information to the building occupants of any asbestos abatement activities being conducted. This will be accomplished by posting memo's and/or posting of caution/warning signs at the all entrances to the building during such activities.

Accidental Disturbance of Asbestos-Containing Materials

All personnel were, at the time of the inspection, aware of the potential presence of ACBM within the areas of concern. The information below outlines the procedures that will be followed in an event of an accidental asbestos fiber release within the building prior to razing. If an asbestos-containing material becomes disturbed within the criteria of a minor fiber release (less than 10 linear feet or 25 square feet of ACBM), a trained "R.I. Competent Person" may perform the clean-up, removal, encapsulation, or enclosure abatement activities utilizing spot repair/removal techniques. During these spot abatement techniques, access to the area shall be restricted to only those trained individuals, signs shall be posted, and HVAC (if applicable) shall be shut down and locked out. If a major fiber release occurs (greater than 10 linear feet or 25 square feet of ACBM), the clean-up, removal, encapsulation, or enclosure abatement activities must be completed by a R.I. Department of Health (R.I. DOH) certified asbestos abatement contractor. Regardless of the amount of asbestos to be abated, the affected area must be isolated and entry to the area restricted to only those trained/certified personnel.

ATTACHMENT #4

WAIVER & ALTERNATE PROCEDURES

WAIVER REQUEST - We are requesting a *waiver* of floor polyethylene [B.8.2(c)] due to removal of the VAT and/or mastic and request an

ALTERNATE PROCEDURE REQUEST - request and *alternate procedure* [B.8.2(d)] for one (1) layer of 6 mil thick polyethylene for wall preparation instead of the standard 2 layers of 4 mil polyethylene.

ATTACHMENT #5

ALTERNATE PROCEDURE **WINDOW/DOOR CAULKING AND/OR GLAZING ABATEMENT**

The asbestos contractor shall comply with the following alternate work practices involving the abatement of ACM caulking/glazing material from the windows, doors and window walls as illustrated on the attached DRAWING A5. All work to be performed from the exterior side of the building.

- 1) Install applicable ASBESTOS WARNING signs around building.
- 2) Install ASBESTOS barrier tape at perimeter (within 20 feet) around abatement building component areas requiring abatement.
- 3) INTERIOR - Install two layers of 6 mil thick polyethylene on interior side sidewalls of structural opening requiring ACM abatement building components and extend 2' over the remaining structural wall opening.
- 4) EXTERIOR - Install one layer of ground polyethylene underneath the applicable abatement building component areas. Attach to building base and extend outwards 10' from the building.
- 5) Install a remote three chamber decon unit adjacent to the work area.
- 6) Workers shall don, at a minimum, two (2) disposable suits and proper respiratory protection (per abatement companies Respiratory Protection Program).
- 7) Spray all affected ACM abatement building components/frames requiring abatement with amended water.
- 8) Remove all applicable modular abatement components (removable sashes, doors, etc.), double wrap the window sashes in 2 layers of 6 mil thick polyethylene, apply asbestos labels then dispose as ACM waste.
- 9) Remove applicable fixed window/door frames. Scrape ACM caulking from frames then dispose of frames as non-ACM waste.
- 10) Once completed, spray amended water then scrape remaining ACM caulking from perimeter /structural brick wall and place in asbestos labeled bags. Spray the remaining structural opening with a clear encapsulant.
- 11) Continue to next work area and proceed until completed with shift.
- 12) If the window systems within the window opening have not been completely removed/abated, maintain the critical barriers in place until completed. At the end of the work day, HEPA vacuum ground polyethylene, roll inward, then place within 2-6 mil thick poly asbestos bags, seal, label and discard as asbestos waste.
- 13) Decontaminate decon unit and store for evening.
- 14) Remove PPE and discard and/or decontaminate appropriately.
- 15) If the project has not been completed, continue with steps #1 – #14 listed above until completed.
- 16) Once the window systems have been removed/abated within an area, remove applicable critical barriers. Place within 2-6 mil thick poly asbestos bags, seal, label and discard as asbestos waste.
- 17) Remove and properly dispose of barrier tape and signs.



The Identification Specialists

Analysis Report
prepared for
Vortex Inc. Enviro. Management Consulting Training

Report Date: 9/16/2020

Project Name: Platt School — *ROOF ANALYSIS*

Project #: 20-207

SanAir ID#: 20051335



NVLAP LAB CODE 200870-0

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SanAir ID Number

20051335

FINAL REPORT

9/16/2020 11:13:35 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Dear John Carbone,

We at SanAir would like to thank you for the work you recently submitted. The 13 sample(s) were received on Tuesday, September 15, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): EE2, EC2, EE3, EF3, EF2, EF1, EC3, EE1, EC1, EE4, EE5, EF4, EF5.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 13 samples in Good condition.



SanAir ID Number
20051335
FINAL REPORT
9/16/2020 11:13:35 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Li, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
EE2 / 20051335-001 EE2	Black Non-Fibrous Homogeneous	10% Cellulose	90% Other	< 1% Chrysotile
EC2 / 20051335-002 EC2	Black Non-Fibrous Homogeneous	20% Cellulose 5% Glass	75% Other	< 1% Chrysotile
EE3 / 20051335-003 EE3	Black Non-Fibrous Homogeneous	10% Cellulose 10% Glass	80% Other	< 1% Chrysotile
EF3 / 20051335-004 EF3	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected
EF2 / 20051335-005 EF2	Black Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected
EF1 / 20051335-006 EF1	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected
EC3 / 20051335-007 EC3	Black Non-Fibrous Homogeneous	30% Cellulose	70% Other	< 1% Chrysotile
EE1 / 20051335-008 EE1	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	< 1% Chrysotile
EC1 / 20051335-009 EC1	Black Non-Fibrous Homogeneous	10% Glass	88% Other	2% Chrysotile
EE4 / 20051335-010 EE4	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	83% Other	2% Chrysotile

Analyst: *Elizabeth Li*

Approved Signatory: *Jonathan Wilson*

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number
20051335
FINAL REPORT
9/16/2020 11:13:35 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Li, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
EE5 / 20051335-011 EE5	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	< 1% Chrysotile
EF4 / 20051335-012 EF4	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected
EF5 / 20051335-013 EF5	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected

Analyst: *Elizabeth Li*

Approved Signatory: *Johnathan Wilson*

Analysis Date: 9/16/2020

Date: 9/16/2020

Disclaimer

This report is the sole property of the client named on the SanAir Technologies Laboratory chain-of-custody (COC). Results in the report are confidential information intended only for the use by the customer listed on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission. The final report shall not be reproduced except in full without written approval of the laboratory to assure that parts of the report are not taken out of context. The information provided in this report applies only to the samples submitted and is relevant only for the date, time, and location of sampling. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample(s) in the condition in which they arrived at the laboratory and information provided by the client on the COC, such as: project number, project name, collection dates, po number, special instructions, samples collected by, sample numbers, sample identifications, sample type, selected analysis type, flow rate, total volume or area, and start stop times that may affect the validity of the results in this report. Samples were received in good condition unless otherwise noted on the report. SanAir assumes no responsibility or liability for the manner in which the results are used or interpreted. This report does not constitute and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any other U.S. governmental agencies and may not be certified by every local, state, and federal regulatory agencies.

Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



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sanair.com

Roof "E"

Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

20051335

Company: <u>VORTEX INC.</u>	Project #: <u>20-207</u>	Collected by: <u>CARBONE</u>
Address: <u>P.O. BOX 6060</u>	Project Name: <u>PLAT SCHOOL</u>	Phone #: <u>401-640-9331</u> (C)
City, St., Zip: <u>WARWICK, RI 02887</u>	Date Collected: <u>9/11/20</u>	Fax #: <u>401-738-7869</u>
State of Collection: <u>RI</u> Account#: _____	P.O. Number: _____	Email: <u>jc.vortex@gmail.com</u>

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABBIK	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other: <input type="checkbox"/>		Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>	New York ELAP		ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
** Available on 24-hr. to 5-day TAT		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Matrix <input type="checkbox"/> Other <input type="checkbox"/>	
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		
Water					
ABHE	EPA 100.2 <input type="checkbox"/>				

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
EEZ	SAME AS SAMPLE #	ANALYZE EACH BAG	AS ONE (1) HOUR	HOMOGENEOUS SAMPLE	
EEC2					
EE3					
EE3					
EE2					
EE1					
EC3					
EE1					
EC1					
EE4					
EE5					
EF4					

Relinquished by	Date	Time	Received by	Date	Time
<u>Shane</u>	<u>9/12/20</u>		<u>CS</u>	<u>9/15/20</u>	<u>11:40am</u>

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.



Analysis Report
prepared for
Vortex Inc. Enviro. Management Consulting Training

Report Date: 9/16/2020

Project Name: Platt School

Project #: 20-207

SanAir ID#: 20051361



NVLAP LAB CODE 200870-0

1551 Oakbridge Dr. Suite B | Powhatan, Virginia 23139-8061
888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

20051361

FINAL REPORT

9/16/2020 10:03:25 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Dear John Carbone,

We at SanAir would like to thank you for the work you recently submitted. The 65 sample(s) were received on Tuesday, September 15, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): 1A, 1B, 2A, 2B, 3A, 3B, 5A, 6A, 6B, 7, 8, 9, 10A, 10B, 10C, 11A, 11B, 13A, 13B, 13C, 14, 15, 16, 17A, 17B, 18, 19A, 19B, 19C, 20A, 20B, 12, 21A, 21B, 22A, 22B, 23A, 23B, 25A, 25B, 26, 27, 24A, 24B, 24C, 28A, 28B, 29A, 29B, 30A, 30B, 31, 32A, 32B, 32C, 33, 34, 35, 36, 37, 38, 39, 27B, 27C. The following sample(s) were unusable and were not tested: 5B

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Sandra Sobrino". The signature is written in a cursive, flowing style.

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 3 samples in Discrepancy w/ COC condition. (#40, #64, #65)
- 61 samples in Good condition.
- 1 samples in QNS condition. (#8)



SanAir ID Number

20051361

FINAL REPORT

9/16/2020 10:03:25 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
1A / 20051361-001 1st Floor Corridor-12" VCT @ Stairwells	Beige Non-Fibrous Homogeneous		100% Other	None Detected
1B / 20051361-002 Mastic For #1A	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile
2A / 20051361-003 1st Floor Main Corridor-9" VAT	Green Non-Fibrous Homogeneous		97% Other	3% Chrysotile
2B / 20051361-004 Mastic For #2A	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile
3A / 20051361-005 1st Floor-Small Office-12" VCT	Beige Non-Fibrous Homogeneous		100% Other	None Detected
3B / 20051361-006 Mastic For #3A	Various Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
5A / 20051361-007 Perimeter F.T.-1st Sm. Office	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile
5B / 20051361-008 Mastic For #5A				Insufficient Material
6A / 20051361-009 1st Fl.-Corridor-Ceiling Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
6A / 20051361-009 1st Fl.-Corridor-Ceiling Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Brandi Moore*

Approved Signatory:

[Signature]

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

20051361

FINAL REPORT

9/16/2020 10:03:25 AM

Name: Vortex Inc. Enviro. Management Consulting
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Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
6B / 20051361-010 1st Fl.-Corridor-Ceiling Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
6B / 20051361-010 1st Fl.-Corridor-Ceiling Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
7 / 20051361-011 TSI-Fitting Insulation	White Non-Fibrous Homogeneous		70% Other	30% Chrysotile ✓
8 / 20051361-012 TSI-Pipe Lagging Insul (Aircell)	Grey Fibrous Homogeneous	20% Cellulose	20% Other	60% Chrysotile ✓
9 / 20051361-013 Cove Base Glue	Tan Non-Fibrous Homogeneous		100% Other	None Detected
10A / 20051361-014 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10A / 20051361-014 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
10B / 20051361-015 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10B / 20051361-015 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
10C / 20051361-016 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Brandi Moore*

Approved Signatory:

[Signature]

Analysis Date: 9/16/2020

Date: 9/16/2020



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Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
10C / 20051361-016 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
11A / 20051361-017 F.T. 1st Floor	Green Non-Fibrous Homogeneous		95% Other	5% Chrysotile
11B / 20051361-018 Mastic For #11A	Black Non-Fibrous Homogeneous		100% Other	None Detected
13A / 20051361-019 Plaster-Ceiling-B.R., Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
13A / 20051361-019 Plaster-Ceiling-B.R., Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
13B / 20051361-020 Plaster-Ceiling-B.R., Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
13B / 20051361-020 Plaster-Ceiling-B.R., Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
13C / 20051361-021 Plaster-Ceiling-Generator Room	Grey Non-Fibrous Homogeneous		100% Other	None Detected
14 / 20051361-022 Skim Coat Plaster On Ceiling	White Non-Fibrous Homogeneous		100% Other	None Detected
15 / 20051361-023 Int. Glass Glaze Between Glass/Frame	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

Analyst: *Brandi Moore*Approved Signatory: *[Signature]*

Analysis Date: 9/16/2020

Date: 9/16/2020



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Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
16 / 20051361-024 Int. Glass Glaze-Thick	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile ✓
17A / 20051361-025 1"x1" Tile-Ceramic, Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected
17A / 20051361-025 1"x1" Tile-Ceramic, Mortar	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
17B / 20051361-026 1"x1" Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
18 / 20051361-027 Ceramic Wall Tile, Wall Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
18 / 20051361-027 Ceramic Wall Tile, Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected
19A / 20051361-028 Sheet Floor	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
19B / 20051361-029 Sheet Floor Backing	White Fibrous Homogeneous		25% Other	75% Chrysotile ✓
19C / 20051361-030 Glue For 19A/19B	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
20A / 20051361-031 Stair Tread	Black Non-Fibrous Heterogeneous		100% Other	None Detected

Analyst:

Brandi Moore

Approved Signatory:

[Signature]

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

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Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
20B / 20051361-032 Glue For #20A	Black Non-Fibrous Heterogeneous		100% Other	None Detected
12 / 20051361-033 Plaster Ceiling (Cement)	Grey Non-Fibrous Homogeneous		100% Other	None Detected
21A / 20051361-034 Floor Tile	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓
21B / 20051361-035 Mastic For #21A	Black Non-Fibrous Homogeneous		100% Other	None Detected
22A / 20051361-036 12" VCT-Corridor @ Stairway	Brown Non-Fibrous Homogeneous		100% Other	None Detected
22B / 20051361-037 Mastic For 22A	Black Non-Fibrous Homogeneous		100% Other	None Detected
23A / 20051361-038 Sheet Floor-Same @ #19	Brown Non-Fibrous Homogeneous		100% Other	None Detected
23B / 20051361-039 Sheet Floor (Back)-Same @ #19	White Fibrous Homogeneous	5% Cellulose	30% Other	65% Chrysotile ✓
25A / 20051361-040 1/4" Ceramic Floor, Sheet Flooring	Brown Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
25B / 20051361-041 Mastic For #25A	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Analyst: *Brandi Moore*Approved Signatory: *[Signature]*

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

20051361

FINAL REPORT

9/16/2020 10:03:25 AM

Name: Vortex Inc. Enviro. Management Consulting
Address: Training
PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
26 / 20051361-042 Cardboard	Grey Fibrous Homogeneous	99% Cellulose	1% Other	None Detected
27 / 20051361-043 2x4 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Glass	20% Other	None Detected
24A / 20051361-044 9" VAT	Green Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓
24B / 20051361-045 Mastic On Rear Of #24A	Black Non-Fibrous Homogeneous		100% Other	None Detected
24C / 20051361-046 Mastic On #24A	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
28A / 20051361-047 Plaster Ceiling-Top Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
28B / 20051361-048 Plaster Ceiling-Bottom Coat	Grey Non-Fibrous Heterogeneous		100% Other	None Detected
29A / 20051361-049 9" VAT	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓
29B / 20051361-050 Mastic For #29A	Black Non-Fibrous Homogeneous		100% Other	None Detected
30A / 20051361-051 9" VAT	Tan Non-Fibrous Homogeneous		95% Other	5% Chrysotile ✓

Analyst:

Brandi Moore

Approved Signatory:

[Signature]

Analysis Date: 9/16/2020

Date: 9/16/2020



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Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
30B / 20051361-052 Mastic For #30A-Paper, Mastic/Paper Backing	Black Fibrous Heterogeneous	60% Cellulose	40% Other	None Detected
31 / 20051361-053 Cove Base Glue	Tan Non-Fibrous Homogeneous		100% Other	None Detected
32A / 20051361-054 Sheet Floor 1/4" Thick	Brown Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
32B / 20051361-055 Backer	Grey Fibrous Homogeneous	75% Cellulose 20% Synthetic	5% Other	None Detected
32C / 20051361-056 Glue	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
33 / 20051361-057 Int. Window Glaze	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
34 / 20051361-058 Int. Window Caulk	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
35 / 20051361-059 Paper Between Wood Floor & Plywood-Stairway E	Brown Fibrous Homogeneous	95% Cellulose	5% Other	< 1% Chrysotile
36 / 20051361-060 2nd Floor Corridor-Paper Between Wood Floors	Brown Fibrous Homogeneous	95% Cellulose	5% Other	< 1% Chrysotile
37 / 20051361-061 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Analyst:

Brandi Moore

Approved Signatory:

[Signature]

Analysis Date: 9/16/2020

Date: 9/16/2020



SanAir ID Number

20051361

FINAL REPORT

9/16/2020 10:03:25 AM

Name: Vortex Inc. Enviro. Management Consulting
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PO Box 6060
Warwick, RI 02887
Phone: 401-738-7710

Project Number: 20-207
P.O. Number:
Project Name: Platt School
Collected Date: 9/11/2020
Received Date: 9/15/2020 11:40:00 AM

Analyst: Moore, Brandi | Hogrefe, Sarah

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic	Components		Asbestos Fibers
	Appearance	% Fibrous	% Non-fibrous	
38 / 20051361-062 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
39 / 20051361-063 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
27B / 20051361-064 2x4 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Glass	20% Other	None Detected
27C / 20051361-065 2x4 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Glass	20% Other	None Detected

Analyst: *Brandi Moore*

Approved Signatory:

Analysis Date: 9/16/2020

Date: 9/16/2020

Disclaimer

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Samples are held for a period of 60 days. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations.

For NY state samples, method EPA 600/M4-82-020 is performed.

NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

Asbestos Certifications

NVLAP lab code 200870-0

City of Philadelphia: ALL-460

PA Department of Environmental Protection Number: 68-05397

California License Number: 2915

Colorado License Number: AL-23143

Connecticut License Number: PH-0105

Massachusetts License Number: AA000222

Maine License Number: LB-0075, LA-0084

New York ELAP lab ID: 11983

Rhode Island License Number: PCM00126, PLM00126, TEM00126

Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia 3333000323

Washington State License Number: C989

West Virginia License Number: LT000616

Vermont License: AL166318

Louisiana Department of Environmental Quality: 212253, Cert 05088

Revision Date: 8/14/2020



1551 Oakbridge Dr. STE B
Powhatan, VA 23139
804.897.1177 / 888.895.1177
Fax 804.897.0070
sanair.com

ADMIN. Bldg.

Asbestos
Chain of Custody
Form 140, Rev 3, 8/28/19

SanAir ID Number

20051301

Company: VORTEX INC.	Project #: 20-207	Collected by: CARBONE
Address: P.O. BOX 6060	Project Name: PLATT, SCHOOL	Phone #: 401-640-9331 (C)
City, St., Zip: WARWICK, RI 02087	Date Collected: 9/11/20	Fax #: 401-738-7869
State of Collection: RI	Account#: _____	P.O. Number: _____
		Email: jc.vortex@gmail.com

Bulk		Air		Soil	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual) <input type="checkbox"/>
	Positive Stop <input type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	Vermiculite & Soil	
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABBIK	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABBEEN	PLM EPA NOB** <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBCH	TEM Chatfield** <input type="checkbox"/>	Other:	<input type="checkbox"/>	Dust	
ABBTM	TEM EPA NOB** <input type="checkbox"/>	New York ELAP		ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
ABQ	PLM Qualitative <input type="checkbox"/>	ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		
Water				Matrix	Other
ABHE	EPA 100.2 <input type="checkbox"/>				

** Available on 24-hr. to 5-day TAT

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	1 Day <input checked="" type="checkbox"/>
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
1A	1 st Floor Corridor - 12" VCT @ STAIRWELLS - BIGGE				
1B	MASTC FOR #1A (BLACK)				
2A	1 st Floor MAIN CORRIDOR - 9" VCT - GREEN				
2B	MASTC FOR #2A (BLACK)				
3A	1 st Floor - SMALL OFFICE - 12" VCT				
3B	MASTC FOR #3A (BLACK)				
5A	BLACK PERIMETER F.T. - BLACK - STRIPS - 1 st Sm. OFFICE				
5B	MASTC FOR #5A				
6A	1 st FL. - CORRIDOR - CEILING PLASTER				
6B	"				

Relinquished by: [Signature]	Date: 9/12/20	Time: 4 PM	Received by: [Signature]	Date: SEP 15 2020	Time: 11:40 am
-------------------------------------	----------------------	-------------------	---------------------------------	--------------------------	-----------------------

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

20051361

Form 140, Revision 1, 1/20/2017

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate*	Start - Stop Time*
7	TSI - FITTING INSULATION				
8	TSI - PIPE LAGGING INSUL (AIRCELL)				
9	COEBASE GLUE				
10A	PLASTER				
10B	"				
10C	"				
11A	F.T. 1 st FLOOR				
11B	MASTIC FOR #11A				
13A	PLASTER - CEILING - B.R.				
13B	" - " - B.R.				
13C	" - " - GENERATOR ROOM				
14	SKIM COAT PLASTER ON CEILING				
15	INT. GLASS & GLUE BETWEEN GLASS/FRAME				
16	INT. GLASS GLAZE - THICK				
17A	1"x1" TILE (TAN) - CERAMIC				
17B	" GROUT (GREY)				
18	CERAMIC WALL TILE				
19A	SHEET FLOOR - PEBBLE BROWN				
19B	" WHITE BACKER				
19C	GLUE FOR 19A/19B (YELLOW)				
20A	STAIR TREAD (BLACK)				
20B	GLUE FOR #20A (BLACK)				
12	PLASTER CEILING (CEMENT)				
21A	FLOOR TILE (WHITE NOT TO TAN)				
#21B	MASTIC FOR #21A (BLACK)				
22A	12" VCT - CORRIDOR @ STAIRWAY				
22B	MASTIC FOR 22A (BLACK)				
23A	SHEET FLOOR (BROWN) - SAME @ #19				
23B	" (WHITE BACK)				
25A	1/4" THICK CERAMIC FLOOR (BROWN) w MESH BACK				
25B	MASTIC FOR #25A				

Special Instructions

Relinquished by	Date	Time	Received by	Date	Time
			lll	SEP 15 2020	11:40am

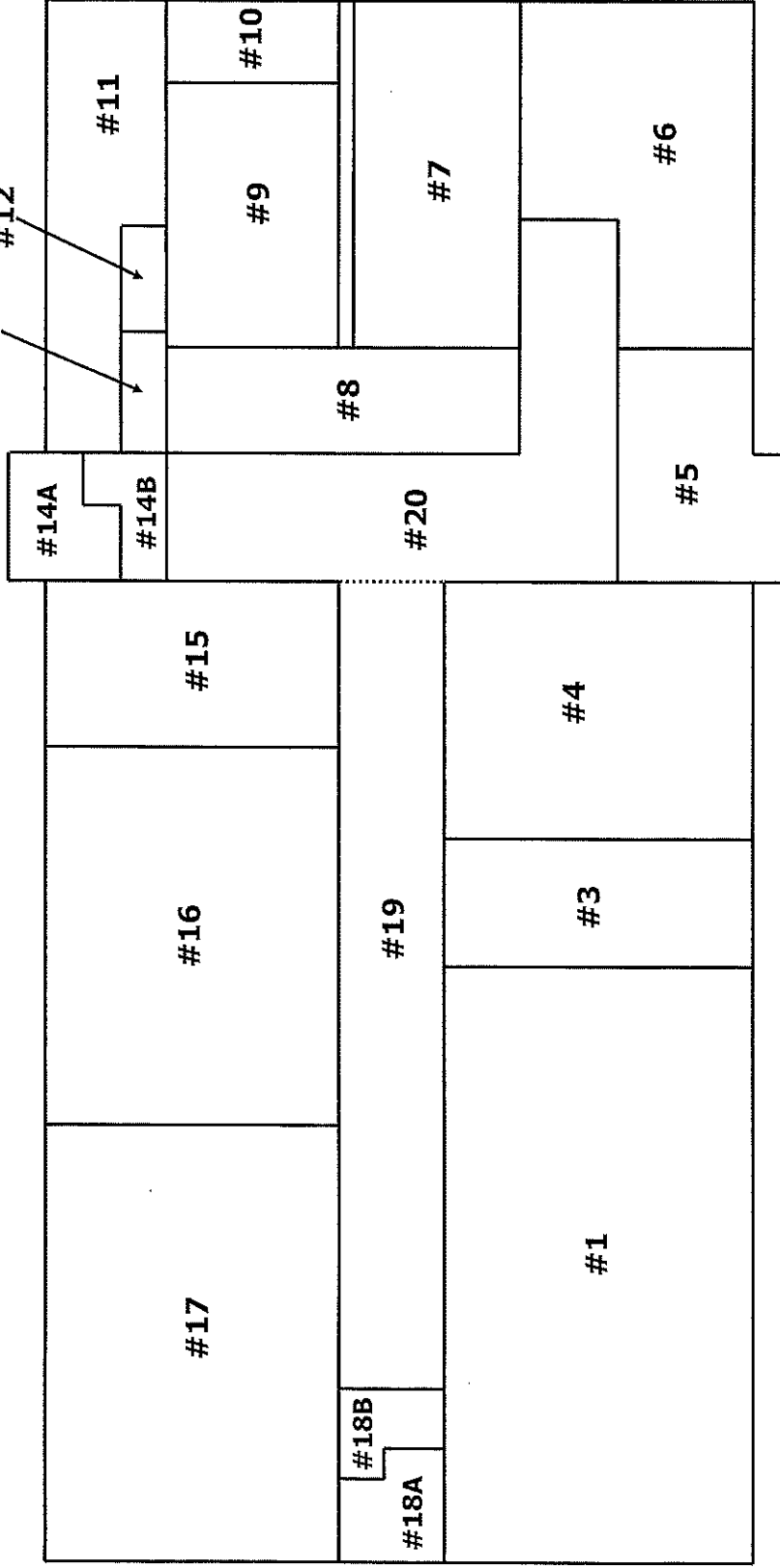
If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Standard Overnight FedEx shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

Page 2 of 3

Page 13 of 14

Page 14 of 14

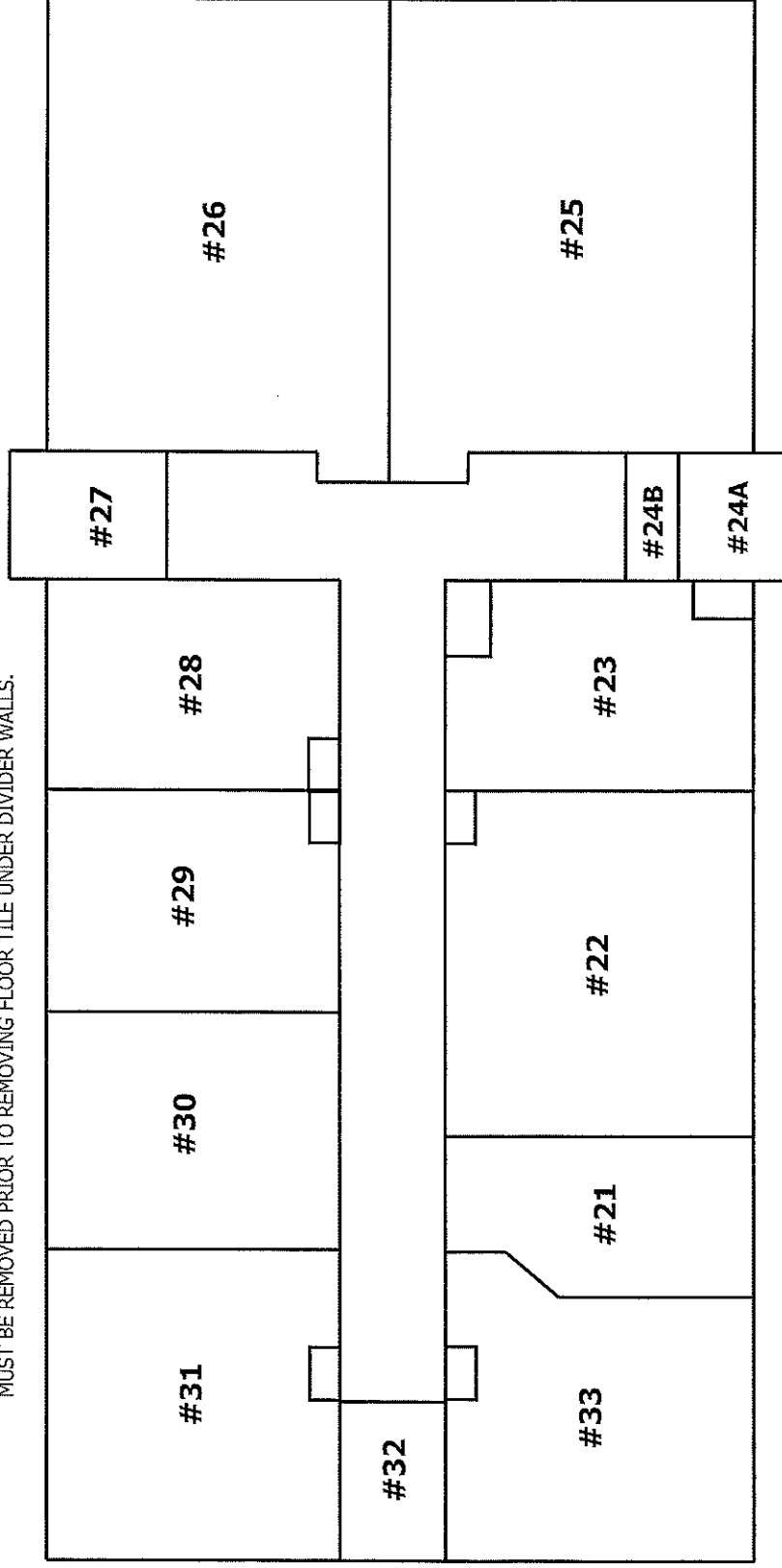
INTERIOR ADDED WALLS NOT SHOWN ON DRAWING IN SEVERAL AREAS. THESE WALLS
MUST BE REMOVED PRIOR TO REMOVING FLOOR TILE UNDER DIVIDER WALLS.



TOP VIEW - FIRST / GROUND FLOOR LEVEL
PLATT SCHOOL

DRAWING A1

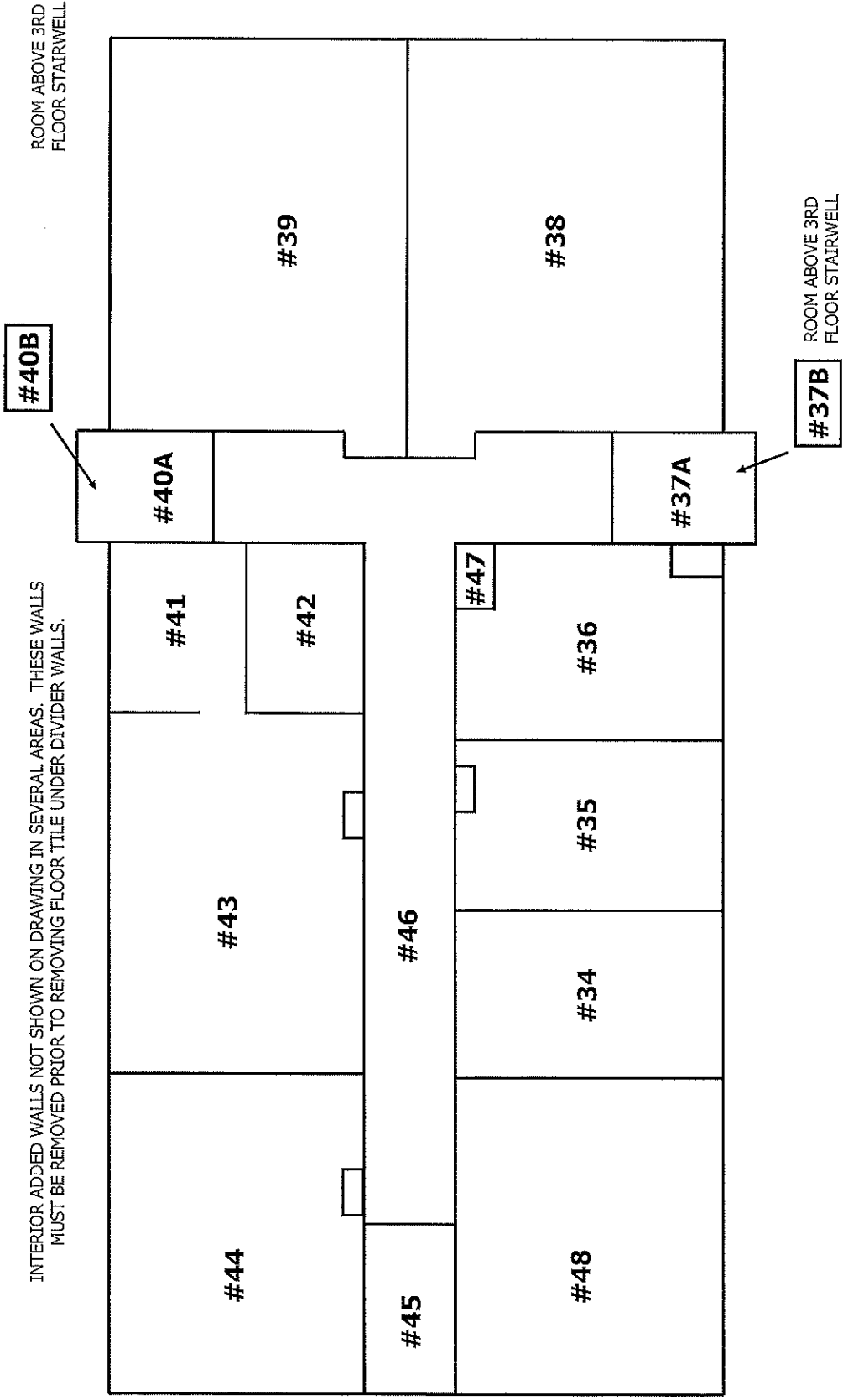
INTERIOR ADDED WALLS NOT SHOWN ON DRAWING IN SEVERAL AREAS. THESE WALLS
MUST BE REMOVED PRIOR TO REMOVING FLOOR TILE UNDER DIVIDER WALLS.



TOP VIEW - SECOND FLOOR LEVEL
PLATT SCHOOL

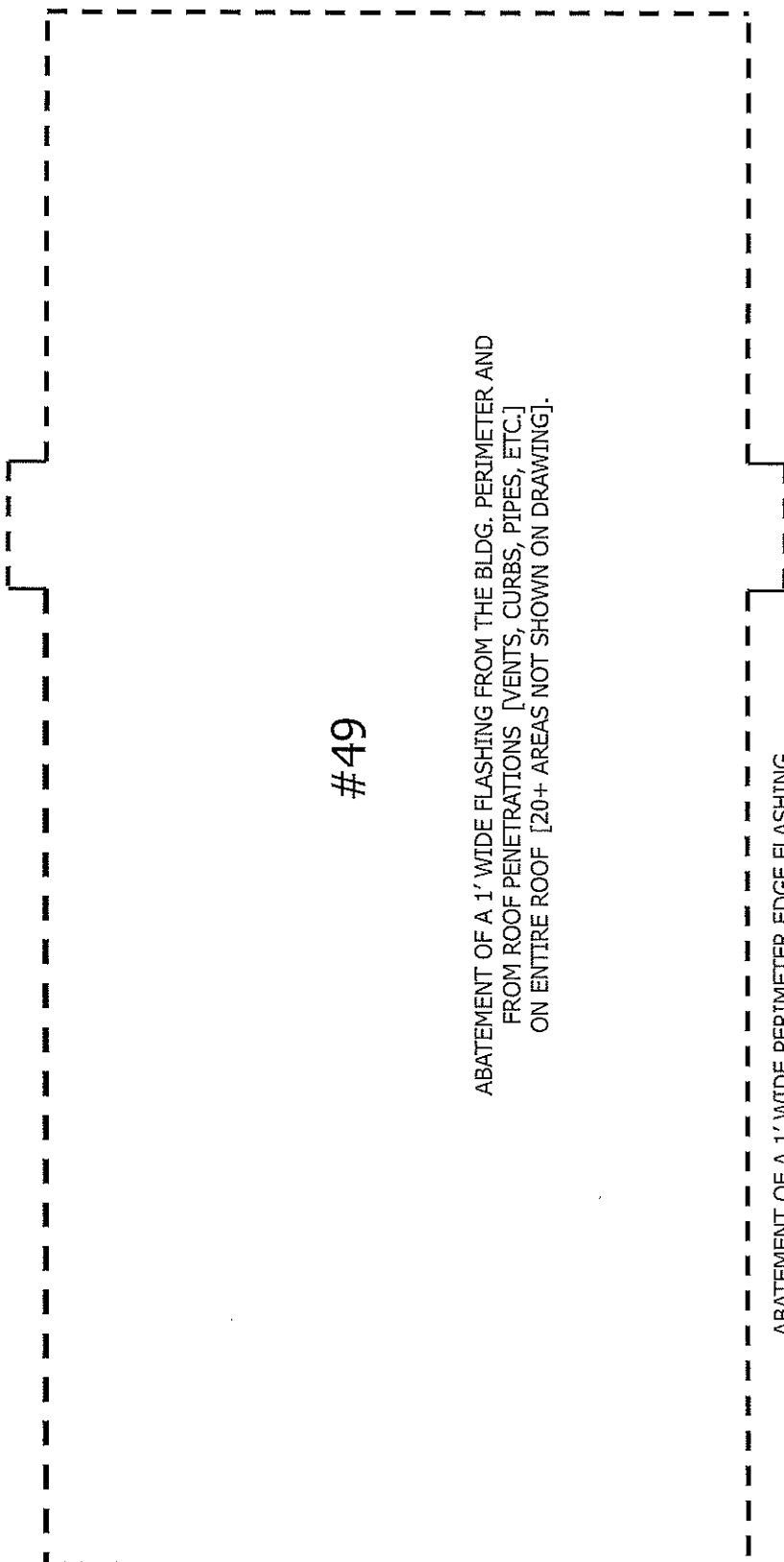
DRAWING A2

INTERIOR ADDED WALLS NOT SHOWN ON DRAWING IN SEVERAL AREAS. THESE WALLS
MUST BE REMOVED PRIOR TO REMOVING FLOOR TILE UNDER DIVIDER WALLS.



TOP VIEW - THIRD FLOOR LEVEL
PLATT SCHOOL

DRAWING A3



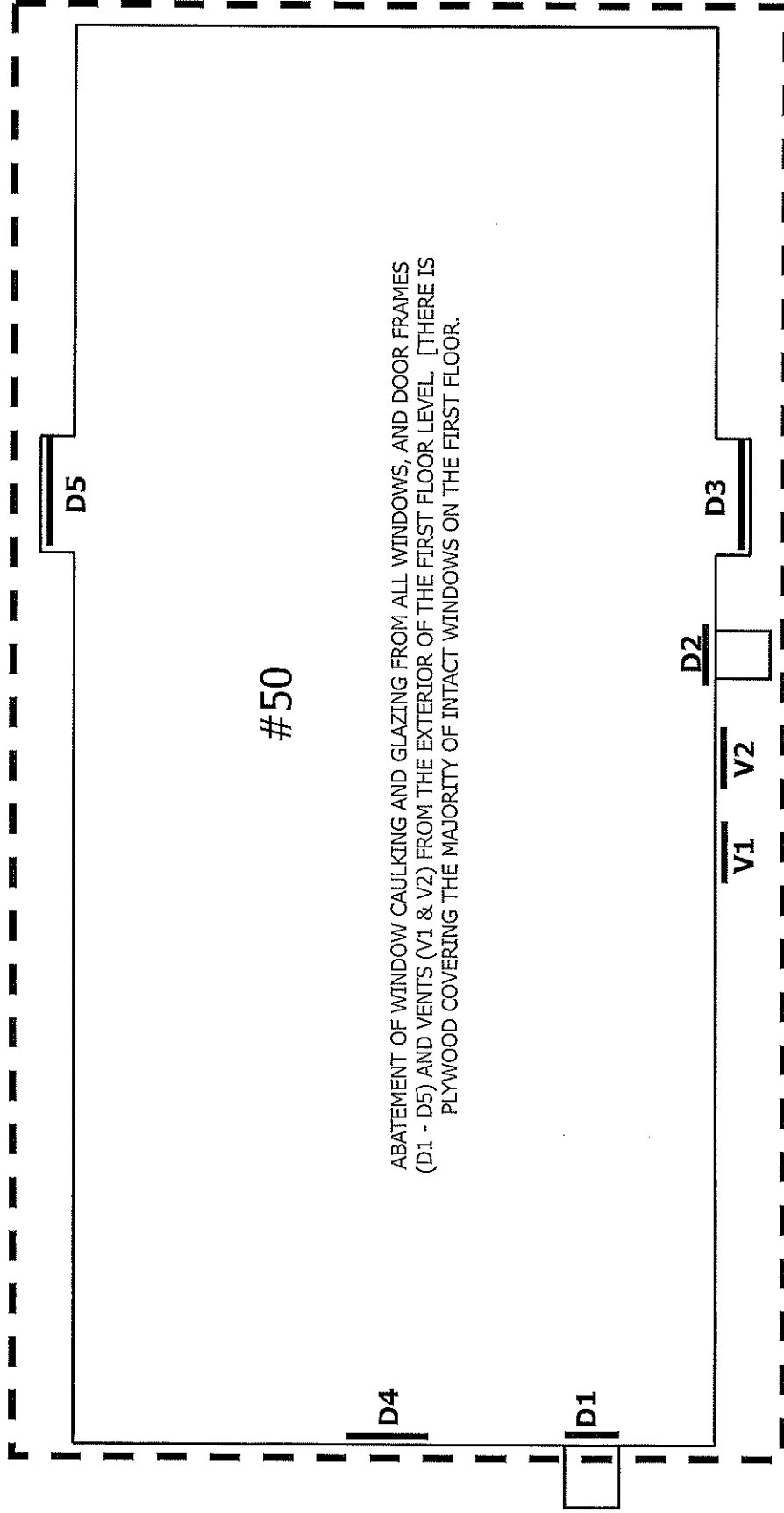
#49

ABATEMENT OF A 1' WIDE FLASHING FROM THE BLDG. PERIMETER AND
FROM ROOF PENETRATIONS [VENTS, CURBS, PIPES, ETC.]
ON ENTIRE ROOF [20+ AREAS NOT SHOWN ON DRAWING].

ABATEMENT OF A 1' WIDE PERIMETER EDGE FLASHING
AROUND ENTIRE BUILDING [PERFORATED LINES].

TOP VIEW - ROOF - Area #49
PLATT SCHOOL

DRAWING A4



#50

ABATEMENT OF WINDOW CAULKING AND GLAZING FROM ALL WINDOWS, AND DOOR FRAMES
(D1 - D5) AND VENTS (V1 & V2) FROM THE EXTERIOR OF THE FIRST FLOOR LEVEL. [THERE IS
PLYWOOD COVERING THE MAJORITY OF INTACT WINDOWS ON THE FIRST FLOOR.]

TOP VIEW - ALL 3 LEVELS - AREA #50
EXTERIOR WINDOWS / DOOR FRAMES & VENTS
PLATT SCHOOL

DRAWING A5