



January 5, 2023

Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Attention: Mr. Les Zang

Dear Mr. Zang:

Please find enclosed, our report on the asbestos abatement project involving Butler Intermediate High School. The invoice for this project is also included.

If there are any questions concerning this report, please do not hesitate to contact me.

Sincerely,

AGX, Inc.

A handwritten signature in blue ink, appearing to read "Daniel Winkle".

Daniel Winkle
President

Enclosure

207 Pine Creek Road, Wexford, PA 15090
Phone (724) 934-4249 / Fax (724) 934-5677

**BUTLER AREA SCHOOL DISTRICT
BUTLER INTERMEDIATE HIGH SCHOOL**

**JANUARY 5, 2023
THROUGH
JANUARY 15, 2023**

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SCOPE OF WORK

AGX, INC.

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- * Testing Laboratory
- * Project Management
- * Environmental Surveys

Laboratory No: 2301020
Client Code: BASD
Client No: Verbal
Job No: 123-011

Report of: Project Oversight, Asbestos Air Sampling and On Site Analysis Services Using Phase Contrast Microscopy (PCM) for Butler Area School District at Butler Intermediate High School

Report to: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Attention: Mr. Les Zang

SCOPE OF WORK

At the request of Mr. Les Zang, representing Butler Area School District, AGX, Inc., performed asbestos air monitoring at Butler Intermediate High School during abatement performed by American Industrial Contracting.

The project took place January 5, 2023 through January 15, 2023, and AGX, Inc. was represented by Ms. Luann Rice, Mr. Don-Ray Orwig and Mr. Gail Jordan.

Prepared By:
AGX, Inc.



Daniel Winkle
President

FIELD LOG

FIELD LOG

Laboratory No: 2301020
Client Code: BASD
Client No: Verbal
Job No: 123-011

Client: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Contractor: American Industrial Contracting

Attention: Mr. Les Zang

Air Monitoring By: AGX, Inc.
Project: Butler Intermediate High School

Date: January 5, 2023
Time On Site: 7:30 a.m.
Departed Job Site: 11:00 a.m.

Ms. Luann Rice, representing AGX, Inc., arrived at Butler Intermediate High School at 7:30 a.m. on Thursday, January 5, 2023, to provide asbestos air monitoring during abatement performed by American Industrial Contracting.

Ms. Rice met with American Industrial Contracting personnel and discussed the scope of work. Transite panels were to be removed from the outside walkways.

American Industrial Contracting personnel mobilize equipment to the work area and installed critical barriers using six mil polyethylene sheeting.

At 8:00 a.m. Ms. Rice set up and calibrated three (3) low volume pumps, designated samples B-1 and B-2 as field blanks and collected the following personal and environmental air samples:

B-3, a personal air sample collected on Andy Schwenke was obtained using a low volume pump #LV-1 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 8:00 a.m. and was stopped at 10:30 a.m. The sample was collected without incident.

**Butler Area School District
Butler Intermediate High School
January 5, 2023
Field Log
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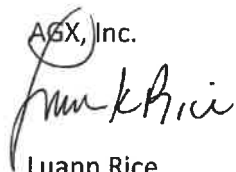
B-4, an environmental air sample collected outside of critical barriers at exterior of school was obtained using a low volume pump #LV-2 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 8:00 a.m. and was stopped at 10:30 a.m. The sample was collected without incident.

B-5, an environmental air sample collected at exterior of school in area of transite removal was obtained using a low volume pump #LV-2 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 8:00 a.m. and was stopped at 10:30 a.m. The sample was collected without incident.

At 10:30 a.m. The school requested that abatement work cease. Ms. Rice retrieved the personal and environmental air samples and American Industrial Contracting personnel stopped removal of the transite panels, wrapped the two removed panels and dismantled the critical barriers.

At 11:00 a.m. Ms. Rice completed project documentation and departed Butler Intermediate High School.

Reported By:

AGX, Inc.


Luann Rice
Environmental Specialist

FIELD LOG

Laboratory No: 2301020
Client Code: BASD
Client No: Verbal
Job No: 123-011

Client: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Contractor: American Industrial Contracting

Attention: Mr. Les Zang

Air Monitoring By: AGX, Inc.
Project: Butler Intermediate High School

Date: January 13, 2023
Time On Site: 6:45 a.m.
Departed Job Site: 2:00 p.m.

Ms. Luann Rice, representing AGX, Inc., arrived at Butler Intermediate High School at 6:45 a.m. on Friday, January 13, 2023, to provide asbestos air monitoring during abatement performed by American Industrial Contracting.

Ms. Rice met with American Industrial Contracting personnel and discussed the scope of work. American Industrial Contracting personnel were to remove transite panel roofing on the first walkway where buses drop off, approximately six hundred square feet.

American Industrial Contracting personnel mobilize equipment to the work area and installed critical barriers using six mil polyethylene sheeting.

At 7:00 a.m. Ms. Rice set up and calibrated three (3) low volume pumps, designated samples B-06 and B-07 as field blanks and collected the following personal and environmental air samples:

B-08, a personal air sample collected on Andy Schwenke was obtained using a low volume pump #LV-1 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:00 a.m. and was stopped at 2:00 p.m. The sample was collected without incident.

**Butler Area School District
Butler Intermediate High School
January 13, 2023
Field Log
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B-09, an environmental air sample collected in work area, right side was obtained using a low volume pump #LV-2 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:00 a.m. and was stopped at 2:00 p.m. The sample was collected without incident.

B-10, an environmental air sample collected in work area, left side was obtained using a low volume pump #LV-3 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:00 a.m. and was stopped at 2:00 p.m. The sample was collected without incident.

American Industrial Contracting personnel worked from scissor lifts and removed the panels using hammers and crowbars. The removed panels were double bagged in asbestos waste bags.

At 11:30 a.m. a dumpster was delivered to the site.

At 1:00 p.m. American Industrial Contracting personnel completed removal of the transite panels and lined the dumpster with six mil polyethylene sheeting. Asbestos tape was installed around the dumpster. At completion, American Industrial Contracting personnel transported all generated bags of waste to the dumpster.

At 2:00 p.m. Ms. Rice retrieved the personal and environmental air samples, completed project documentation, and departed Butler Intermediate High School.

Reported By:

AGX, Inc.



Luann Rice
Environmental Specialist

FIELD LOG

Laboratory No: 2301020
Client Code: BASD
Client No: Verbal
Job No: 123-011

Client: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Contractor: American Industrial Contracting

Attention: Mr. Les Zang

Air Monitoring By: AGX, Inc.
Project: Butler Intermediate High School

Date: January 14, 2023

Time On Site: 8:00 a.m.

Departed Job Site: 2:00 p.m.

Mr. Don-Ray Orwig, representing AGX, Inc., arrived at Butler Intermediate High School at 8:00 a.m. on Saturday, January 14, 2023, to provide asbestos air monitoring during abatement performed by American Industrial Contracting.

Mr. Orwig met with American Industrial Contracting personnel and discussed the scope of work. American Industrial Contracting personnel were to remove fifteen transite panels from the exterior walkway ceiling closest to the entrance doors using flat prybars and accessing the area by use of a JLG lift.

American Industrial Contracting personnel mobilize equipment to the work area and set up a containment around the work area using six mil polyethylene sheeting and duct tape to secure the poly to the ceiling and weighted objects to hold down the polyethylene sheeting.

At 11:10 a.m. Mr. Orwig set up and calibrated three (3) low volume pumps, designated samples B-11 and B-12 as field blanks and collected the following personal and environmental air samples:

B-13, a personal air sample collected on Andy Schwenke was obtained using a low volume pump #LV-1 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 11:10 a.m. and was stopped at 1:40 p.m. The sample was collected without incident.

Butler Area School District
Butler Intermediate High School
January 14, 2023
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Page 2

B-14, an environmental air sample collected at the dumpster was obtained using a low volume pump #LV-2 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 11:10 a.m. and was stopped at 1:40 p.m. The sample was collected without incident.

B-15, an environmental air sample collected near entrance to the school was obtained using a low volume pump #LV-3 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 11:10 a.m. and was stopped at 1:40 p.m. The sample was collected without incident.

American Industrial Contracting personnel wore half mask respirators and disposable suits

A total of ten bags of waste was generated and transferred to the onsite dumpster. All generated bags of waste were double bagged and labeled.

At 1:40 p.m. Mr. Orwig retrieved the personal and environmental air samples.

At 2:00 p.m. Mr. Orwig completed project documentation and departed Butler Intermediate High School.

Reported By:

AGX, Inc.



Don-Ray Orwig
Environmental Specialist

FIELD LOG

Laboratory No: 2301020
Client Code: BASD
Client No: Verbal
Job No: 123-011

Client: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001

Contractor: American Industrial Contracting

Attention: Mr. Les Zang

Air Monitoring By: AGX, Inc.
Project: Butler Intermediate High School

Date: January 15, 2023
Time On Site: 6:30 a.m.
Departed Job Site: 12:30 p.m.

Mr. Gail Jordan, representing AGX, Inc., arrived at Butler Intermediate High School at 6:30 a.m. on Sunday, January 15, 2023, to provide asbestos air monitoring during abatement performed by American Industrial Contracting.

Mr. Jordan met with American Industrial Contracting personnel and discussed the scope of work. American Industrial Contracting personnel were to remove transite panels from walkway at Door 17.

American Industrial Contracting personnel installed six mil polyethylene sheeting around the work area and on the ground of the work area.

At 7:30 a.m. Mr. Jordan set up and calibrated three (3) low volume pumps, designated samples B-16 and B-17 as field blanks and collected the following personal and environmental air samples:

B-18, a personal air sample collected on Andy Schwenke was obtained using a low volume pump #LV-02 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:30 a.m. and was stopped at 12:30 p.m. The sample was collected without incident.

Butler Area School District
Butler Intermediate High School
January 15, 2023
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B-19, an environmental air sample collected south of the work area was obtained using a low volume pump #LV-06 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:30 a.m. and was stopped at 12:30 p.m. The sample was collected without incident.

B-20, an environmental air sample collected east of the work area was obtained using a low volume pump #LV-10 which was calibrated at 2.0 LPM and used in conjunction with a 25mm cellulose ester filter and a 50mm conductive cowl. The pump was started at 7:30 a.m. and was stopped at 12:30 p.m. The sample was collected without incident.

American Industrial Contracting personnel wore half mask respirators, disposable suits, used hand tools and worked from a JLG lift and removed four hundred square feet of transite panels from the underside of the walkway at Door 17. All generated waste was double bagged in asbestos waste bags and transferred to the onsite dumpster.

Mr. Jordan conducted final visual inspection with no discrepancies noted.

At 12:30 p.m. Mr. Jordan retrieved the personal and environmental air samples, completed project documentation, and departed Butler Intermediate High School.

Mr. Jordan transported the samples to AGX, Inc. for analysis.

Reported By:

AGX, Inc.



Gail Jordan
Environmental Specialist

PCM AIR ANALYSIS REPORT



- Air Monitoring
- Testing Laboratory
- Project Management
- Surveys

ANALYSIS OF AIRBORNE FIBERS

Report To: Butler Area School District
 Maintenance Department
 120 Campus Lane
 Butler, PA 16001
 Attention: Mr. Les Zang

Lab No: 2301020
 Client Code: BASD
 Client No: Verbal
 Sampled by: AGX, Inc.
 Report Date: 01/09/2023

Equipment: Nikon Labophot-2 Microscope
 Reticule Size: 0.00785
 Procedure: NIOSH 7400 Method, Issue 2, 08/15/94
 Lab Standard deviation: 0.32
 Standard Sample: A-107-4

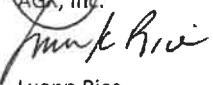
Project: Butler Intermediate High School

CLIENT ID	SAMPLE ID	DATE COLLECTED	VOLUME (L)	FIBERS / FIELDS	DENSITY F/mm2	L.L.D.	RESULT FIBERS/CC
B-1 A field blank.	766473	01/05/2023	0.0	0.0 / 100	0.0	N/A	0 fibers/100 fields
B-2 A field blank.	766474	01/05/2023	0.0	0.0 / 100	0.0	N/A	0 fibers/100 fields
B-3 A personal air sample collected on Andy Schwenke.	766475	01/05/2023	300.0	0.0 / 100	0.0	0.009	<0.009
B-4 An environmental air sample collected outside of containment, school side.	766476	01/05/2023	300.0	0.0 / 100	0.0	0.009	<0.009
B-5 An environmental air sample collected in walkway above transite removal.	766477	01/05/2023	300.0	0.0 / 100	0.0	0.009	<0.009

L.L.D. - Lower Level of Detectability, based upon a fiber concentration of 5.5 fibers/100 fields. The results provided in this report relate only to the samples tested. This test report may not be reproduced, except in full, without the written approval of AGX, Inc.

Reviewed And Approved By:
 AGX, Inc.

 Danni Winkle
 Laboratory Manager

Analyzed by:
 AGX, Inc.

 Luann Rice
 Environmental Specialist



- Air Monitoring
- Testing Laboratory
- Project Management
- Surveys

ANALYSIS OF AIRBORNE FIBERS

Report To: Butler Area School District
Maintenance Department
120 Campus Lane
Butler, PA 16001
Attention: Mr. Les Zang

Lab No: 2301020
Client Code: BASD
Client No: Verbal
Sampled by: AGX, Inc.
Report Date: 01/23/2023

Equipment: Nikon Labophot-2 Microscope
Reticule Size: 0.00785
Procedure: NIOSH 7400 Method, Issue 2, 08/15/94
Lab Standard deviation: 0.32
Standard Sample: 458434

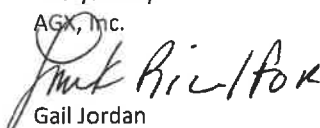
Project: Butler Intermediate High School

CLIENT ID	SAMPLE ID	DATE COLLECTED	VOLUME (L)	FIBERS / FIELDS	DENSITY F/mm2	L.L.D.	RESULT FIBERS/CC
B-16 A field blank.	767121	01/15/2023	0.0	0.0 / 100	0.0	N/A	0 fibers/100 fields
B-17 A field blank.	767122	01/15/2023	0.0	0.0 / 100	0.0	N/A	0 fibers/100 fields
B-18 A personal air sample collected on Andy Schwenke.	767123	01/15/2023	600.0	0.0 / 100	0.0	0.004	<0.004
B-19 An environmental air sample collected south of the work area.	767124	01/15/2023	600.0	1.0 / 100	1.3	0.004	<0.004
B-20 An environmental air sample collected east of the work area.	767125	01/15/2023	600.0	0.0 / 100	0.0	0.004	<0.004

L.L.D. - Lower Level of Detectability, based upon a fiber concentration of 5.5 fibers/100 fields. The results provided in this report relate only to the samples tested. This test report may not be reproduced, except in full, without the written approval of AGX, Inc.

Reviewed And Approved By:
AGX, Inc.

Daniel Winkle
Laboratory Manager

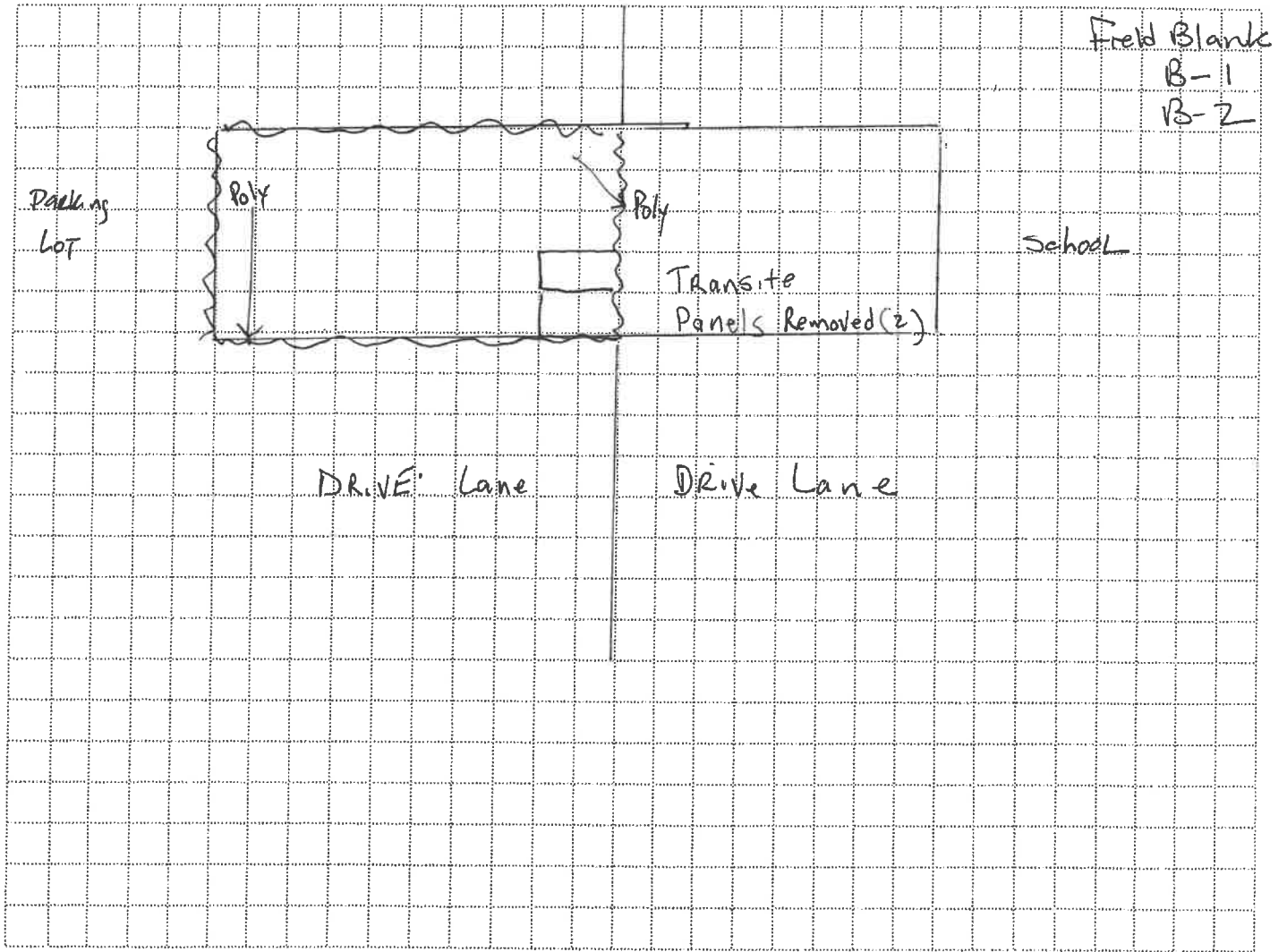
Analyzed by:
AGX, Inc.

Gail Jordan
Environmental Specialist

SAMPLE LOCATIONS

Project	Butler Intermediate School
Work Area	Outside Walk way
Date	1-5-23
Material Removed	Transite Panels
Quantity Removed	2

2301020

KEY	
●	Personal Air Sample
*	Environmental Air Sample
Δ	Excursion Air Sample
X	Final Clearance Air Sample
○	Background Air Sample



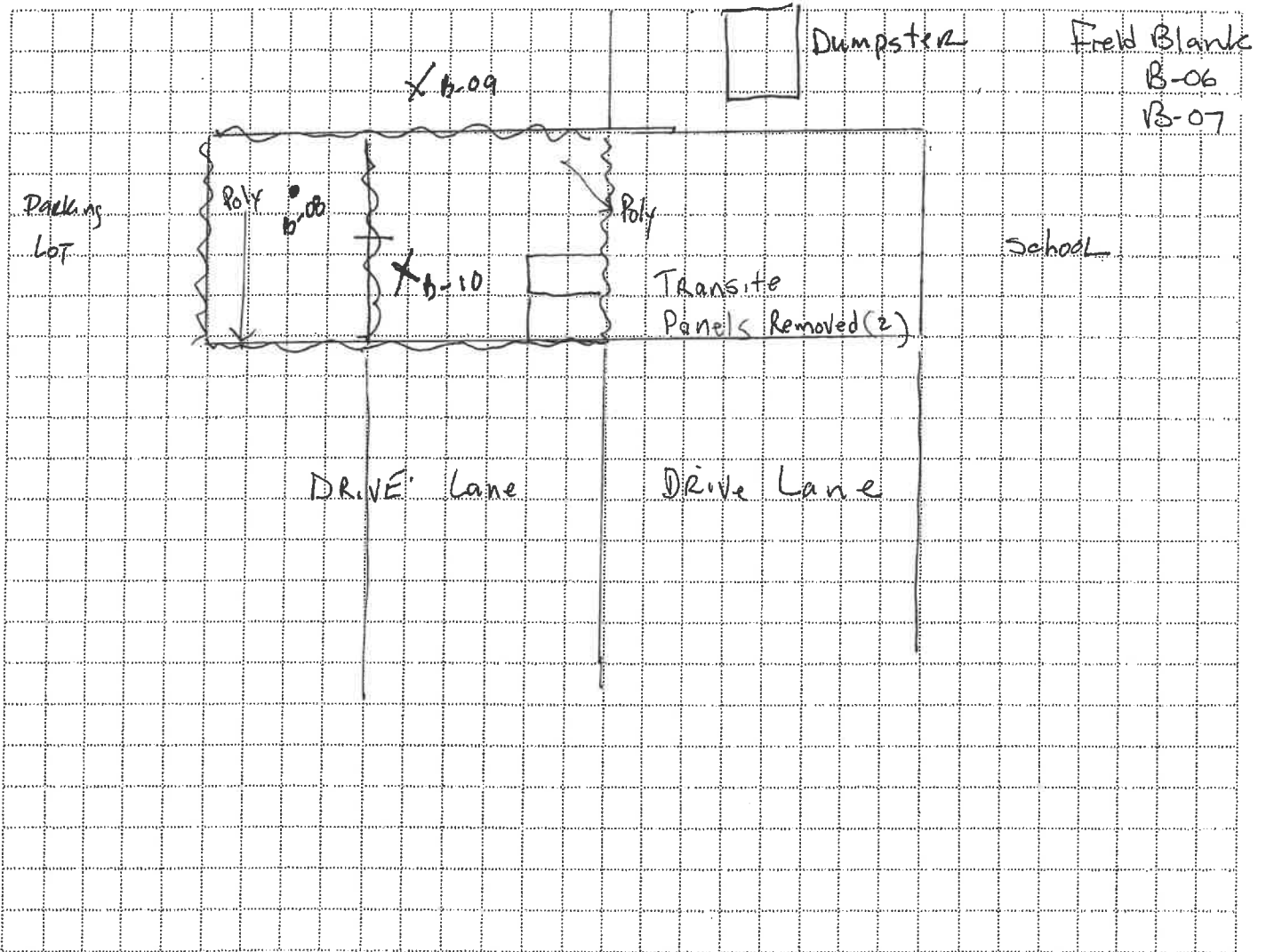
* Drawing is not to scale.

Comments _____

Project	Butter Intermediate School
Work Area	outside walk way
Date	1-23
Material Removed	Transite Panels
Quantity Removed	606 SF

2301020

KEY	
●	Personal Air Sample
*	Environmental Air Sample
Δ	Excursion Air Sample
X	Final Clearance Air Sample
O	Background Air Sample



* Drawing is not to scale.

Comments _____

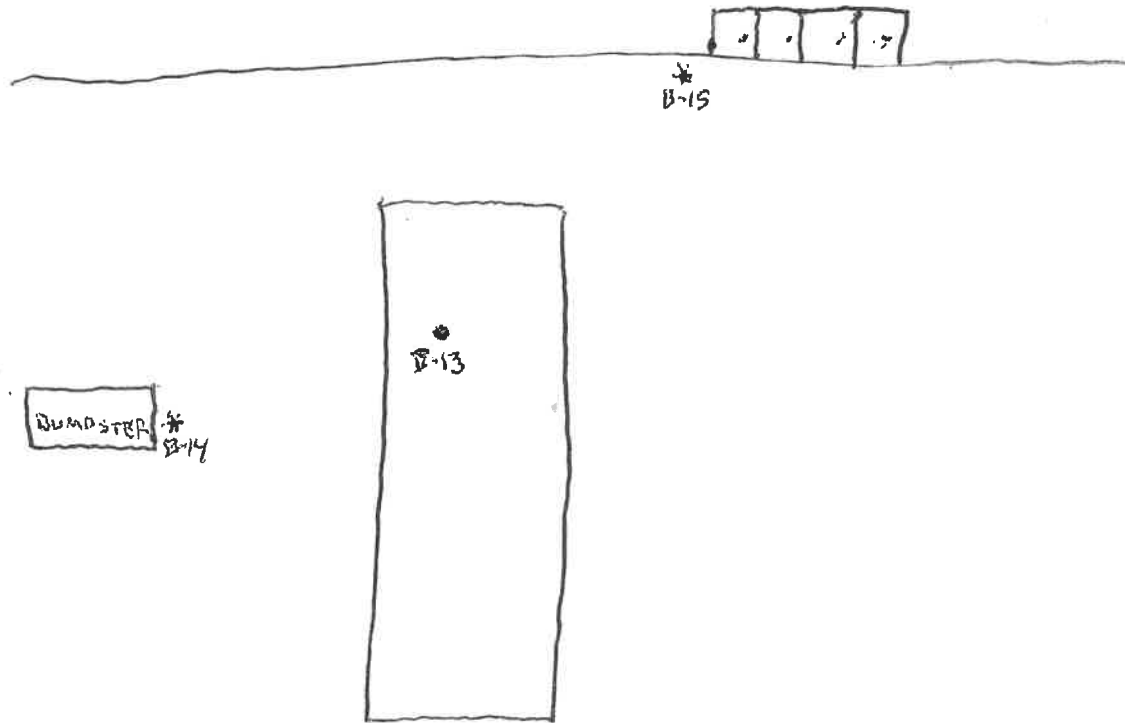


KEY

- ⊙ Personal Air Sample
- * Environmental Air Sample
- ▲ Excursion Air Sample
- X Final Clearance Air Sample
- Background Air Sample
- Bulk Sample

Field Blanks B-11
B-12

Lab Number _____
 Client Code BASD
 Project BUTLER INTERMEDIATE HIGH SCHOOL
 Work Area EXTERIOR WALKWAY
 Date JANUARY 14, 2023
 Job Number _____
 Material Removed TRANSIRE PANELS
 Quantity Removed 75



* Drawing is not to scale.

Comments _____

KEY

- Personal Air Sample
- * Environmental Air Sample
- ▲ Excursion Air Sample
- X Final Clearance Air Sample
- Background Air Sample
- Bulk Sample

Field Blanks B-16
B-17

Lab Number _____

Client Code AIC

Project Butler Intermediate H.S.

Work Area walk-way at door 17

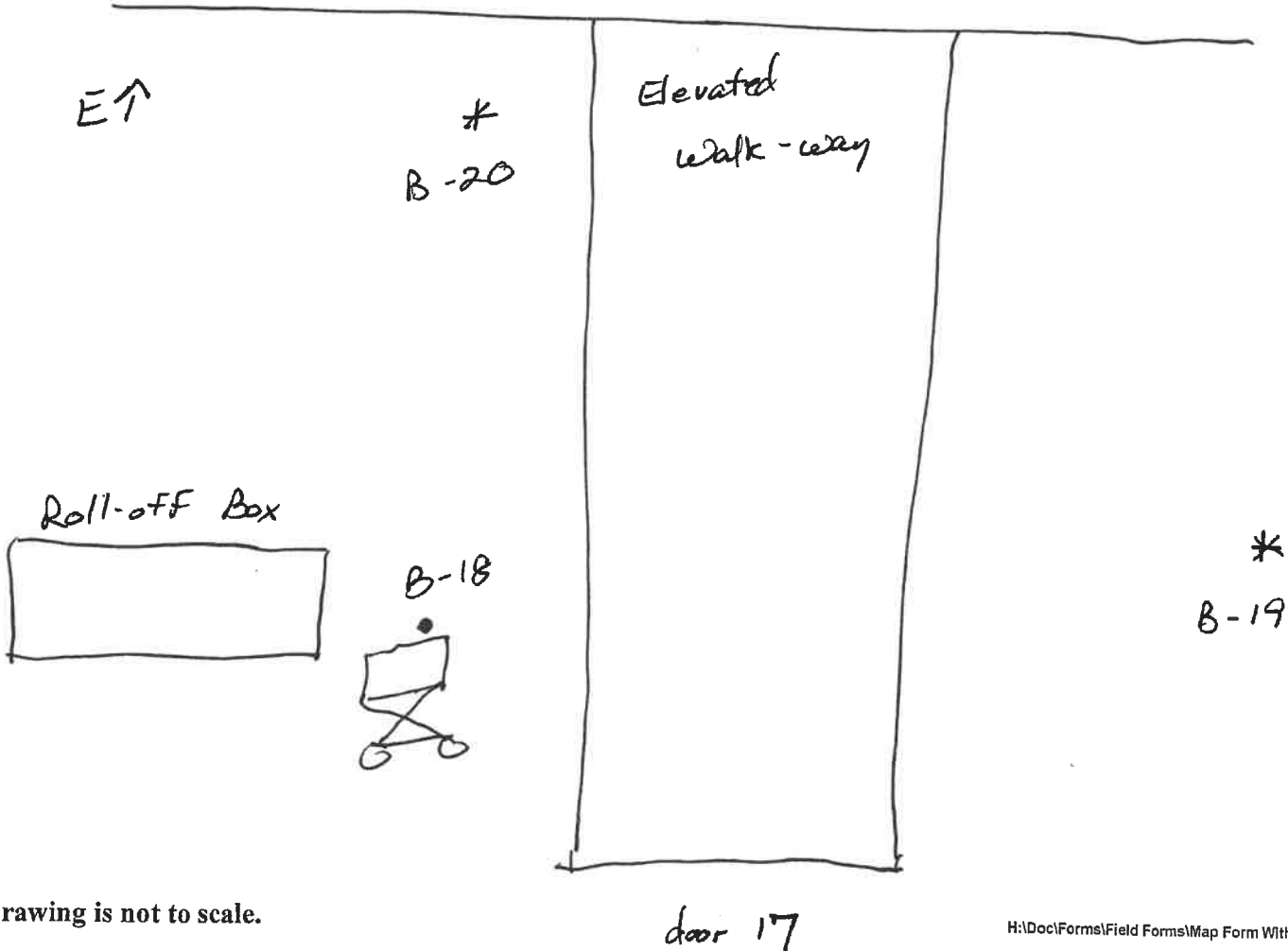
Date 1-15-23

Job Number _____

Material Removed Transite panels

Quantity Removed 400 sq Ft

School ↗



* Drawing is not to scale.

Comments _____