



**ANALYTICAL TESTING & CONSULTING
SERVICES, INC.**

*14625 Doster Road
Plainwell, Michigan 49080
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**ASBESTOS SURVEY
REPORT FOR**

Josh Bowman
Battle Creek Public Schools
3 W. Van Buren Street
Battle Creek, Michigan 49017

AT

(Former) Southwestern Junior High School
390 S. Washington Avenue
Battle Creek, Michigan 49037

SURVEY CONDUCTED

September 15, 16, 17, 18, 19, 23, 25 & 29, 2025
October 3 & 14, 2025
November 14, 24, 2025
December 23, 2025

BY

**ANALYTICAL TESTING &
CONSULTING SERVICES, INC.**

Lab #: 8601

ANALYTICAL TESTING & CONSULTING SERVICES, INC.

*14625 Doster Road
Plainwell, Michigan 49080
(269) 664-6474*

January 6, 2026

Josh Bowman
Battle Creek Public Schools
3 W. Van Buren Street
Battle Creek, Michigan 49017

Dear Mr. Bowman,

Enclosed is the asbestos survey report conducted at 390 S. Washington Avenue in Battle Creek, Michigan. Chantelle Lynch (A48488), Duane Vandeboss (A15041), Matthew Lee (A56389) and Alexander Wieland (A63250) of Analytical Testing conducted the inspection on September 15, 16, 17, 18, 19, 23, 25 & 29, 2025; and October 3 & 14 2025; November 14, 24, 2025; and December 23, 2025 Analytical Testing was contracted by Josh Bowman.

The following report details the locations and amounts of asbestos containing materials. All locations of suspect materials were identified as Presumed Asbestos Containing Materials (PACM) until sampling was conducted.

The scope of this study is to provide a complete and comprehensive evaluation as professionally practical. However, inherent constraints of time, observations, findings, results and conclusions are limited accordingly and to those apparent at the time of inspection. It should not be construed the actions taken as a result of this study will achieve complete compliance with every regulatory standard nor prevent every possible accident or loss. Nor should it be considered any recommendations noted are the only possible actions to be taken. Management should assess and analyze each thought in relation to company resources, objectives and activities.

Analytical Testing conducts quantity estimates according to what is visible at the time of testing. Many materials are concealed within walls/ceilings and may be exposed during demolition/renovation activities. If this occurs, contractors should stop working and contact ATCS to conduct sampling of newly discovered materials.

This report should not be used as a restricted source of information for bid preparation or for notification to regulatory agencies. Contractors should verify quantity or amounts prior to bidding and/or submitting 10-day notifications.

During building renovation or demolition operations, material may be uncovered differently from the material noted during this assessment. Personnel in charge of building demolition activities should be alerted to note materials uncovered during these operations which differ substantially from the material included in this assessment or are covered under existing materials. At that time, additional sampling and laboratory analyses of suspect ACM must be performed to determine the asbestos content of these materials.

ACM needs to be removed by a licensed asbestos abatement contractor. Any individual or company within Michigan that is hired to remove or encapsulate friable asbestos on the premises of another must be licensed

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by the Asbestos Program before engaging in any asbestos abatement activities, and provide that proof has been accredited.

The following is a summary to help understand the asbestos survey data form contained in this report.

Homogeneous Area (HA) Description – The form shows each homogeneous area discovered during the inspection of the site. It will provide a common reference point for the inspector and building owner when discussing a homogeneous area.

SM/TSI/MM - The locations are identified as SM-Surfacing Material; TSI-Thermal Systems Insulation; or MM-Miscellaneous Materials.

F/NF - These symbols indicate whether the suspect homogeneous area is composed of Friable (F) or Non-Friable (NF) material.

Physical Condition - Each homogeneous area is judged by physical condition as explained located at the bottom of the HA document.

Size - Each homogeneous area is quantified in units as explained located at the bottom of the HA document.

Sample Numbers - The sample number listed will assist in the identification of the location and corresponding HA# for the sample.

Hazard Assessment Recommendations: Assessment Form - This section of the document contains the hazard assessment of the suspect locations identified in the survey. The classification reason is also located in this section of the document.

The homogenous areas tested or assumed *positive* are identified in the following table:

HOMOGENEOUS AREA (HA) NAME	HA #	F / NF	CLASSIFICATION SM/TSI/MM	SIZE SF / LF / MF
Old Wood Window Caulk – Dark Gray and White	L	NF	MM	~7,400 LF / 309 SF
Old Window Caulk Line – Light Beige	P	NF	MM	~7,400 LF / 309 SF
12”x12” Floor Tile/ Mastic – Green – Multilayer	S	NF	MM	~292 SF
12”x12” Floor Tile/ Mastic – Dark Green	U	NF	MM	~2,045 SF
9”x9” Floor Tile/ Mastic – Green with White and Black Streaks	Y	NF	MM	~4,067 SF
9”x9” Floor Tile/ Mastic – Burgandy	DD	NF	MM	~4,038 SF
Black Border Tile with Mastic	EE	NF	MM	~431 SF / 682 LF
9”x9” Floor Tile/ Mastic – Beige with Black Streaks	FF	NF	MM	~120 SF
Transite Window Panels	II	NF	MM	~635 Panels
1’x1’ CT – Uniform Pattern with Glue Pods	MM	F	MM	~9,712 SF
Fire Curtain – Yellow/White	RR	F	MM	~4,500 SF
Roof Flashing on Main Building	FFF	NF	MM	~35,445 SF
Mudded Fittings on TSI Pipe Wrap	JJJ	F	TSI	<i>TSI Total in HA: ZZZ</i>
Boiler Seam Coating Debris	NNN	F	TSI	~50 LF / 35 SF
Fire Doors	RRR	NF	MM	~21 Doors
Roof Caulk – Gray and White	UUU	NF	MM	~900 LF / 37.5 SF
TSI Pipe Wrap	ZZZ	F	TSI	~6,316 LF
Duct Wrap	EEEE	F	TSI	~3,020 SF
Interior Boiler Mud	FFFF	F	TSI	~10 SF
Cloth in Boiler	III	F	TSI	~10 SF

Key: ND= None Detected F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material TBD=To Be Determined

Please review the enclosed data and call if you have any questions.

Sincerely,


Douglas Haise
Director of Laboratory Services
Accreditation # A1370

ASBESTOS SURVEY SUMMARY

Building Name: (Former) Southwestern Junior High School

Date: Sept/Oct/Nov/Dec 2025

Building #: 390 S. Washington Avenue, Battle Creek, Michigan 49037

HOMOGENEOUS AREA REPORT

HOMOGENEOUS AREA (HA) NAME	HA #	F / NF	K / A / N	CLASSIFICATION SM/TSI/MM	PHYSICAL CONDITION	SIZE SF / LF
Green Ceramic Wall Tile Grout & Bedding	A	NF	N	MM	7	~2,840 SF
Ceramic Tile Grout & Bedding	B	NF	N	MM	7	~4,643 SF
Red Ceramic Tile Grout & Bedding	C	NF	N	MM	7	~593 SF
Concrete Baseboard	D	NF	N	MM	7	~160 LF / ~67 SF
Bulletin Board Woven	E	NF	N	MM	7	~20 SF
Vapor Barrier Under Wood Floor	F	NF	N	MM	1	~80,000 SF
Brick Mortar	G	NF	N	MM	4	~166,250 SF
Limestone Mortar	H	NF	N	MM	4	~5,160 SF
Caulk – Gray Stick	I	NF	N	MM	7	~9,300 LF / ~388 SF
Footing Mortar – beneath Limestone	J	NF	N	MM	4	~5,160 SF
Gray Epoxy	K	NF	N	MM	7	~1,000 LF / ~42 SF
Old Wood Window Caulk – Dark Gray and White	L	NF	K	MM	7	~7,400 LF/ ~309 SF
Red Window Glaze	M	NF	N	MM	7	~42 Windows ~526 LF/ ~21.5 SF
Roofing Material – Boiler Roof	N	NF	N	MM	7	~1,680 SF
Silver Roof Flashing	O	NF	N	MM	1	~1,196 LF/ ~1,794 SF

Old Window Caulk Line – Light Beige	P	NF	K	MM	5	~7,400 LF/ ~309 SF
Roof Caulk	Q	NF	N	MM	5	~50 Seams/ ~36 SF
Caulk – Gray	R	NF	N	MM	5	~7,370 LF/ ~308 SF
12”x12” Floor Tile/ Mastic – Green – Multilayer	S	NF	K	MM	4	~292 SF
12”x12” Floor Tile/ Adhesive – Beige	T	NF	N	MM	7	~1,956 SF
12”x12” Floor Tile/ Mastic – Dark Green	U	NF	K	MM	7	~2,045 SF
12”x12” Floor Tile/ Mastic and Adhesive – Off White and Beige Streaks	V	NF	N	MM	4	~180.5 SF
Cove Base Adhesive – Black 4” with Tan Adhesive	W	NF	N	MM	7	~2,198 LF/ ~550 SF
12”x12” Floor Tile/ Adhesive – Beige	X	NF	N	MM	1	~690 SF
9”x9” Floor Tile/ Mastic – Green with White and Black Streaks	Y	NF	K	MM	2, 4, 5, 7	~4,067 SF
12”x12” Floor Tile/ Mastic – Dark Beige with Black Streaks	Z	NF	N	MM	4	~1,320 SF
12”x12” Floor Tile/ Adhesive – Yellow Beige with Brown Streaks	AA	NF	N	MM	1	~36 SF
12”x12” Floor Tile/ Mastic – Beige with White	BB	NF	N	MM	2, 7	~2,536 SF
Floor Tile/ Mastic – Tan	CC	NF	N	MM	2	~1,352 SF
9”x9” Floor Tile/ Mastic – Burgandy	DD	NF	K	MM	7	~4,038 SF
Black Border Tile with Mastic	EE	NF	K	MM	7	~341 SF / ~682 LF
9”x9” Floor Tile/ Mastic – Beige with Black Streaks	FF	NF	K	MM	5	~120 SF
12”x12” Floor Tile/ Adhesive – White with Brown Streaks	GG	NF	N	MM	7	~6,024 SF
12”x12” Floor Tile/ Mastic – White with Beige Streaks	HH	NF	N	MM	4	~3,634 SF

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Transite Window Panels	II	NF	K	MM	4	~635 Panels
2x4 DCT – Fissures and Pinholes	JJ	F	N	MM	7	~14,945 SF
1’x1’ CT – Pinholes Small and Brown Glue Pods	KK	F	N	MM	7	~8,357 SF ~2,070 SF
1’x1’ CT – Random Pattern with Glue Pods	LL	F	N	MM	7	~21,456 SF
1’x1’ CT – Uniform Pattern with Glue Pods	MM	F	K	MM	7	~9,712 SF
Plaster Walls and Ceilings	NN	NF	N	SM	5	~252,500 SF
Firebrick and Mortar	OO	NF	N	MM	7	~252,500 SF
Interior Window Glaze – White	PP	NF	N	MM	7	~5 Windows ----- ~70 LF/ ~3 SF
Wall Tile Adhesive	QQ	NF	N	MM	1	~1,600 SF
Fire Curtain – Yellow/White	RR	F	K	MM	7	~4,500 SF
Covebase Adhesive – Red 4” with Tan Adhesive	SS	NF	N	MM	4	~320 LF/ ~80 SF
Covebase Adhesive – Tan 4” with Tan Adhesive	TT	NF	N	MM	4	~530 LF/ ~133 SF
“L” Shaped Covebase Adhesive – Tan 6” with Tan Adhesive	UU	NF	N	MM	7	~490 LF/ ~245 SF
Covebase Adhesive – 6” Black with Brown Adhesive	VV	NF	N	MM	7	~6 LF/ 2 SF
Red Fire Curtain	WW	F	N	MM	4	~5,028 SF
Brown Fire Curtain	XX	F	N	MM	5	~7,500 SF
Stage Set Material	YY	F	N	MM	7	~2,000 SF
Under Sink Coating – Black	ZZ	F	N	MM	4	~56 SF
Under Sink Coating – White	AAA	F	N	MM	4	~10 SF
Lab Tops with Sink	BBB	NF	N	MM	2	~12 SF

Lab Table Tops	CCC	NF	N	MM	2	~234 SF
Slate Chalkboards with Adhesive	DDD	NF	N	MM	2	*57 Chalkboards; ~5,700 SF
Roofing Material – Rolled Roofing	EEE	NF	N	MM	1	~40,000 SF
Roof Flashing on Main Building	FFF	NF	K	MM	1	~35,445 SF
12"x12" Floor Tile/ Mastic with Fiberboard	GGG	NF	N	MM	7	~858 SF
Expansion Cloth – Square	HHH	F	N	MM	7	~35 LF/ ~12 SF
Expansion Cloth – Round	III	F	N	MM	7	~30 LF/ ~14 SF
Mudded Fittings on TSI Pipe Wrap	JJJ	F	K	TSI	4 / 7	<i>TSI Total in HA: ZZZ</i>
Boiler Door Insulation	KKK	F	N	TSI	7	~40 SF
Boiler Rope Gasket	LLL	F	N	TSI	7	~10 LF
Cementitious Material on Boiler Door	MMM	F	N	TSI	7	~40 SF
Boiler Seam Coating Debris	NNN	F	K	TSI	7	~50 LF/ ~3 SF
Cementitious Material from Inside of Fan Door	OOO	F	N	TSI	7	~80 SF
Mudded Fittings on Fiberglass Pipe Runs	PPP	F	N	TSI	7	~100 MF
Loose Rope Gasket	QQQ	F	N	TSI	1	~15 LF
Fire Doors	RRR	NF	K	MM	2	~21 Doors
Silver Paint	SSS	NF	N	MM	2	~3,378 SF
Fiberglass Pipe Wrap Insulation	TTT	F	N	TSI	4	~1,425 LF
Roof Caulk – Gray and White	UUU	NF	K	MM	4	~900 LF/ ~37.5 SF
Glue Pods – Bulletin	VVV	NF	N	MM	1	~25 SF
Bulletin Board – Material – Mesh	WWW	NF	N	MM	4	~50 SF

Flooring Material under Tile	XXX	NF	N	MM	7	~1,054 SF
Material under Wood Floor	YYY	NF	N	MM	7	~80,000 SF
TSI – Pipe Wrap	ZZZ	F	K	TSI	2-7	~6,316 LF
Beige Door Caulk	AAAA	NF	N	MM	4	~346 LF/ ~15 SF
Black Caulk under Aluminum	BBBB	NF	N	MM	4	~175 LF/ ~30 SF
Kiln	CCCC	NF	N	MM	4	~30 SF
Roofing Material – Rubber and Aggregate	DDDD	NF	N	MM	1	~8,000 SF
Duct Wrap	EEEE	F	K	TSI	7	~3,020 SF
Interior Boiler Mud	FFFF	F	K	TSI	7	~10 SF
1927 Boiler Firebrick	GGGG	NF	N	TSI	7	~100 SF
1989 Boiler Firebrick	HHHH	NF	N	TSI	7	~50 SF
Cloth in Boiler	IIII	F	K	TSI	7	~10 SF

Key: HA= Homogeneous Area F= Friable NF= Non-friable K= Known A= Assumed N= Non-asbestos
SM= Surfacing Material TSI= Thermal Systems Insulation MM= Miscellaneous Material SF= Square Foot LF= Linear Foot

D-2 FORM

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: A

HA DESCRIPTION: Green Ceramic Wall Tile Grout & Bedding

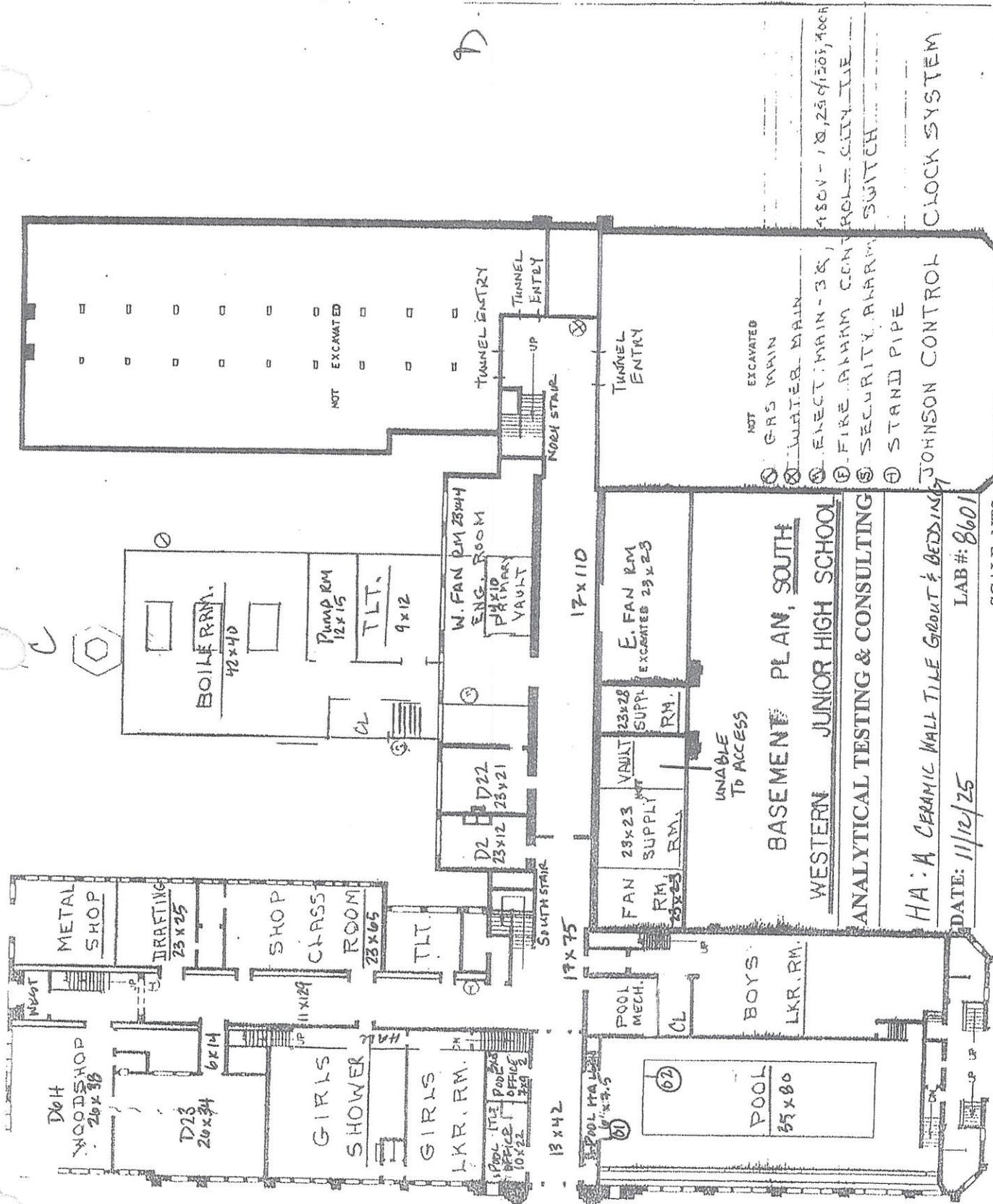
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Pool hall and stairwell	MM	NF	7	~600 SF
Pool walls and knee	MM	NF	7	~2,240 SF
TOTAL				~2,840 SF

Sample No.	Description and Location	Results (%)
8601-01	Sample of ceramic tile grout and bedding from Pool Hall Side C wall	Layer 1 – None Detected Layer 2 – None Detected
8601-02	Sample of ceramic tile ground bedding from knee wall Side C	Layer 1 – None Detected Layer 2 – None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-A	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



B

A

BASEMENT PLAN, SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING

HA: A CERAMIC WALL TILE Grout & Bedding
 DATE: 11/12/25
 LAB #: 8601
 SCALE: NTS

- ① NOT EXCAVATED
- ⊗ GRS MAIN
- ⊗ WATER MAIN
- ③ ELECT. MAIN - 3Ø, 450V - 1Ø, 250/300, 400V
- ④ FIRE ALARM CONTROL - CITY LINE
- ⑤ SECURITY ALARM SWITCH
- ⑥ STAND PIPE
- JOHNSON CONTROL CLOCK SYSTEM



ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: B

HA DESCRIPTION: Ceramic Tile Grout & Bedding

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Pool Hall	MM	NF	7	~45 SF
Pool	MM	NF	7	~2,250 SF
Toilet in pool office 1	MM	NF	7	~20 SF
Entry – near office and library	MM	NF	7	~192 SF
Teacher’s lounge	MM	NF	7	~32 SF
Pigeon office toilet	MM	NF	7	~40 SF
Side A entry to Auditorium	MM	NF	7	~264 SF
1 st and 2 nd floor Boy’s restroom	MM	NF	7	~100 SF
1 st and 2 nd floor Girl’s restroom	MM	NF	7	~100 SF
Lower level classroom hallway walls	MM	NF	7	~1,600 SF
TOTAL				~4,643 SF

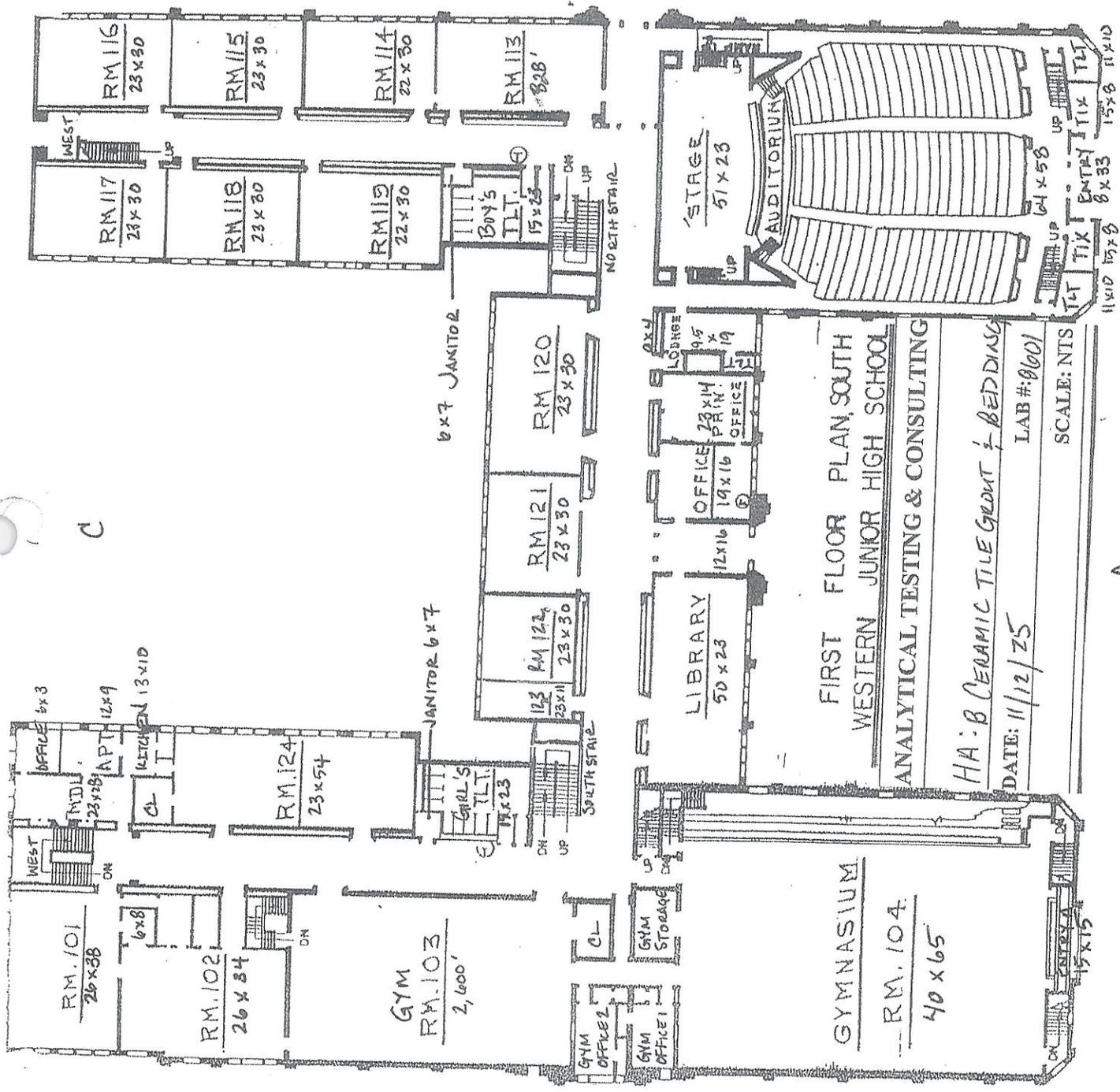
Sample No.	Description and Location	Results (%)
8601-03	Sample of ceramic tile grout and bedding from pool lip Side C	Layer 1 – None Detected Layer 2 – None Detected
8601-04	Sample of ceramic tile grout and bedding from pool Side A	Layer 1 – None Detected Layer 2 – None Detected

**Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.*

Location	Recommendations
HA-B	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

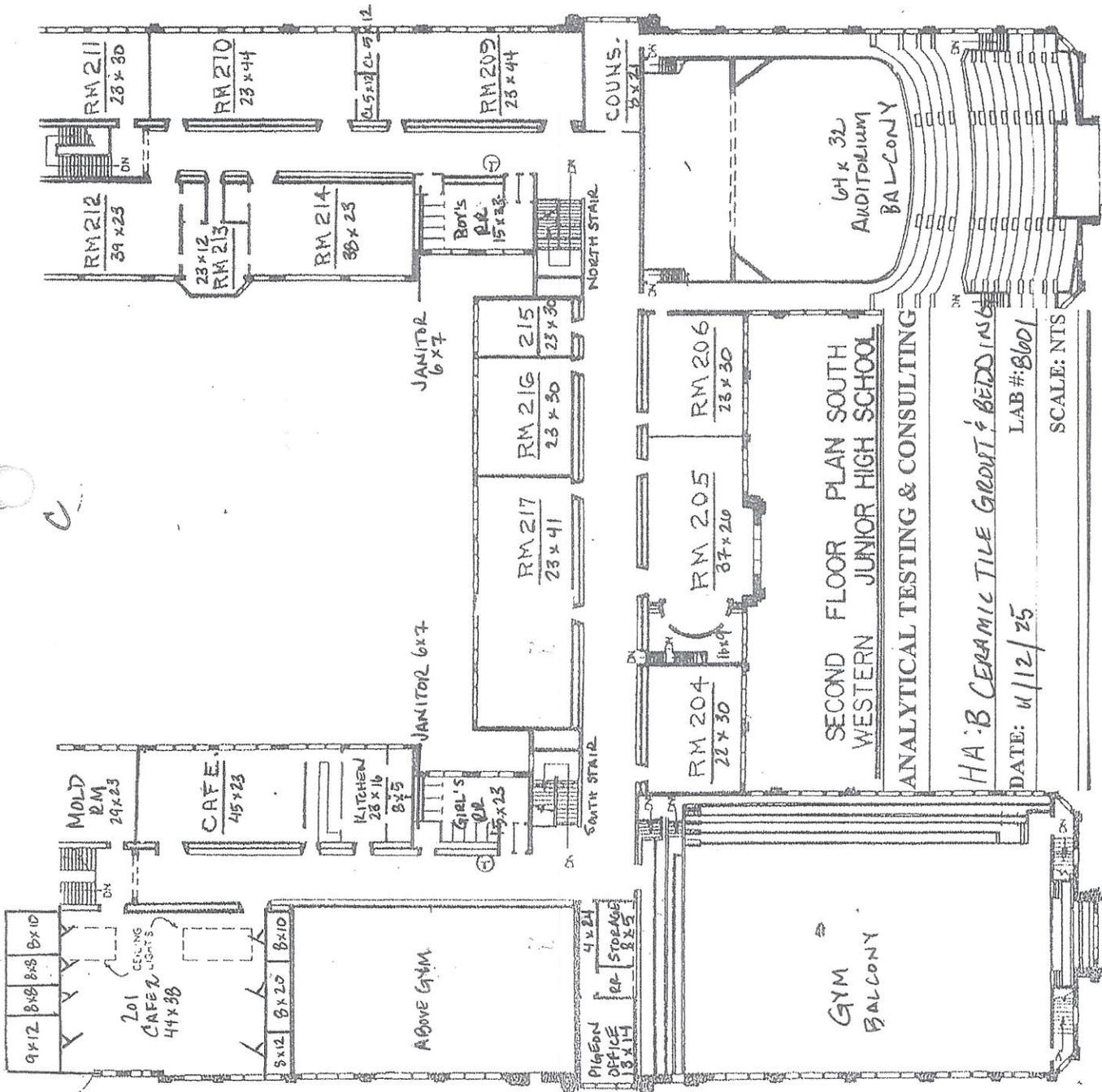
Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



C

B

A



SECOND FLOOR PLAN SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING
 H.A. B. CERAMIC TILE GROUT & BEDDING
 LAB # 8001
 DATE: 4/12/25
 SCALE: NTS

A

B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: C

HA DESCRIPTION: Red Ceramic Tile Grout & Bedding

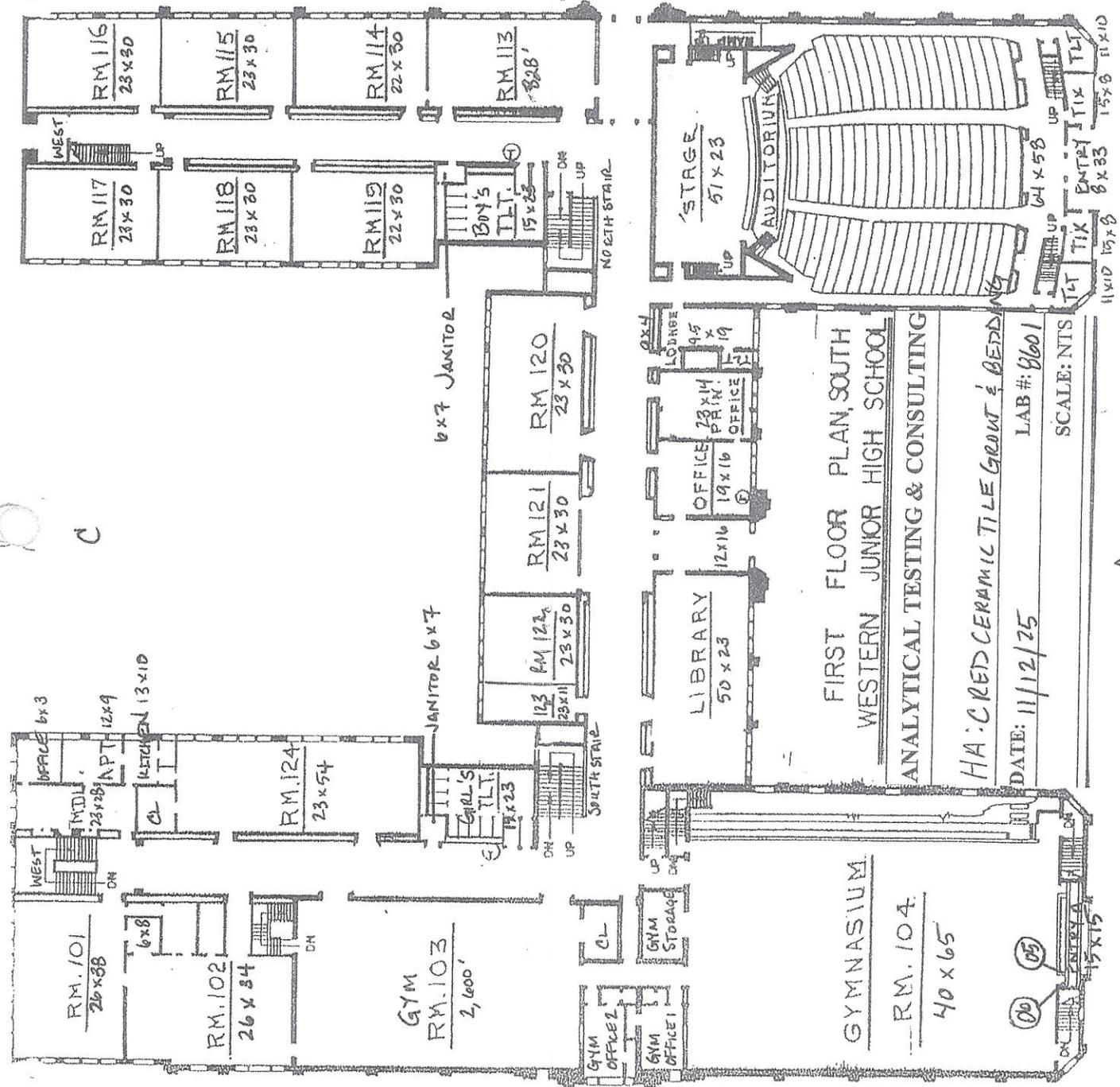
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Gym entry A lower level	MM	NF	7	~225 SF
Gym entry A hall Side B	MM	NF	7	~64 SF
Gym entry A hall Side D	MM	NF	7	~64 SF
Gym entry A upper level	MM	NF	7	~240 SF
TOTAL				~593 SF

Sample No.	Description and Location	Results (%)
8601-05	Sample of red ceramic tile grout and bedding from small hall Side B	Layer 1 – None Detected Layer 2 – None Detected
8601-06	Sample of red ceramic tile grout and bedding from Side A of Entry A	Layer 1 – None Detected Layer 2 – None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-C	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



C

B

D

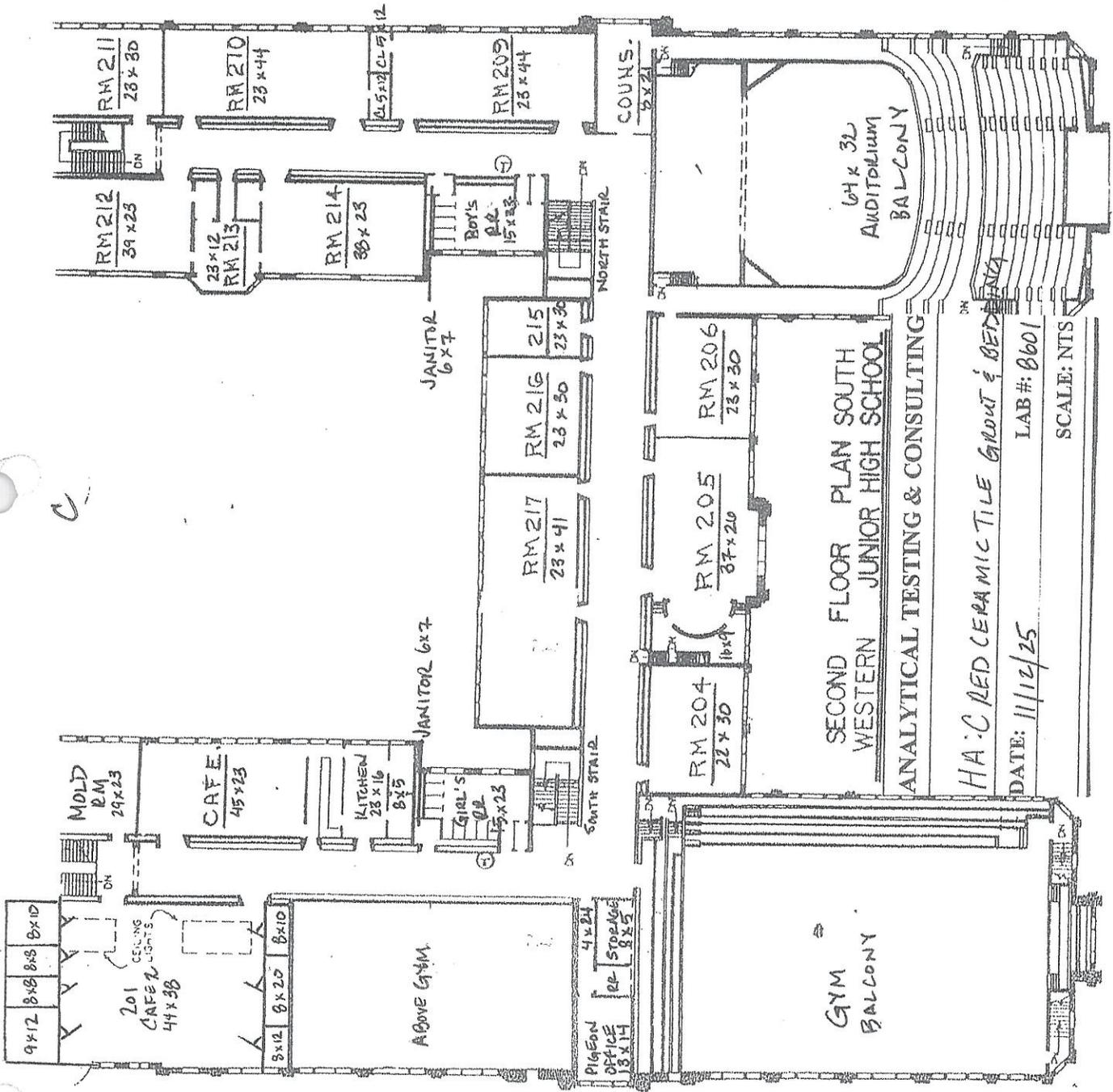
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FIRST FLOOR PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: CRED CERAMIC TILE GROUT & BEDDING
LAB #: 8601
SCALE: NTS
DATE: 11/12/25

00 05



SECOND FLOOR PLAN SOUTH
WESTERN JUNIOR HIGH SCHOOL

ANALYTICAL TESTING & CONSULTING

HA: C RED CERAMIC TILE GILLOUT & BEDDING

DATE: 11/12/25

LAB #: 8601

SCALE: NTS



A

B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: D

HA DESCRIPTION: Concrete Baseboard

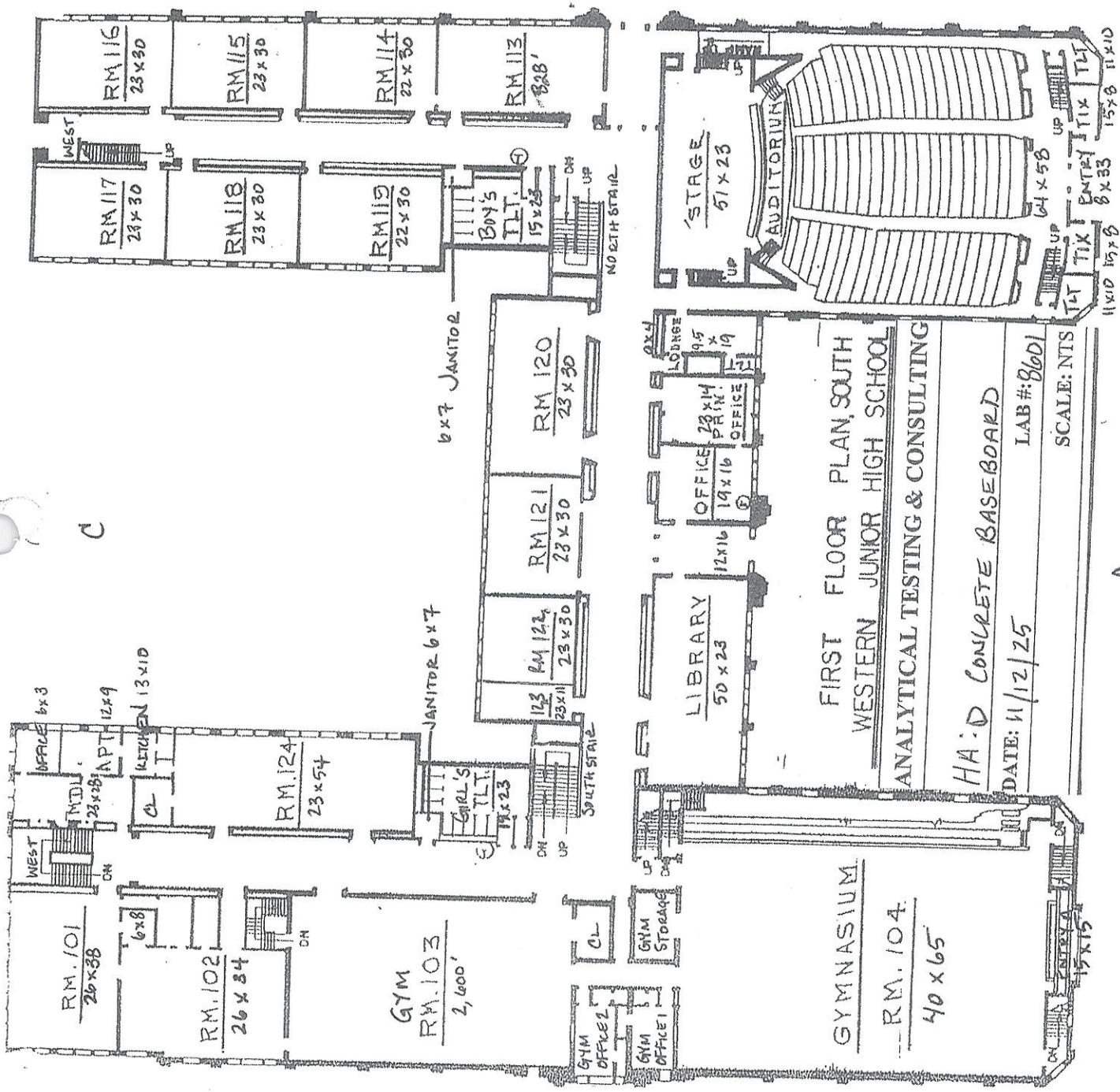
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Gym entry A lower level	MM	NF	7	~40 LF
Gym Hall B in Entry A	MM	NF	7	~40 LF
Gym Hall D in Entry A	MM	NF	7	~40 LF
Main Entry	MM	NF	7	~40 LF
Auditorium Entry	MM	NF	7	~40 LF
TOTAL				~160 LF / ~67 SF

Sample No.	Description and Location	Results (%)
8601-07	Sample of concrete baseboard from Entry A Side B	None Detected
8601-08	Sample of concrete baseboard from Entry A Side C	None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-D	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



C

D

N ↑

FIRST FLOOR PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: D CONCRETE BASEBOARD
LAB #: 8601
SCALE: NTS
DATE: 11/12/25

A

B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: E

HA DESCRIPTION: Bulletin Board Woven

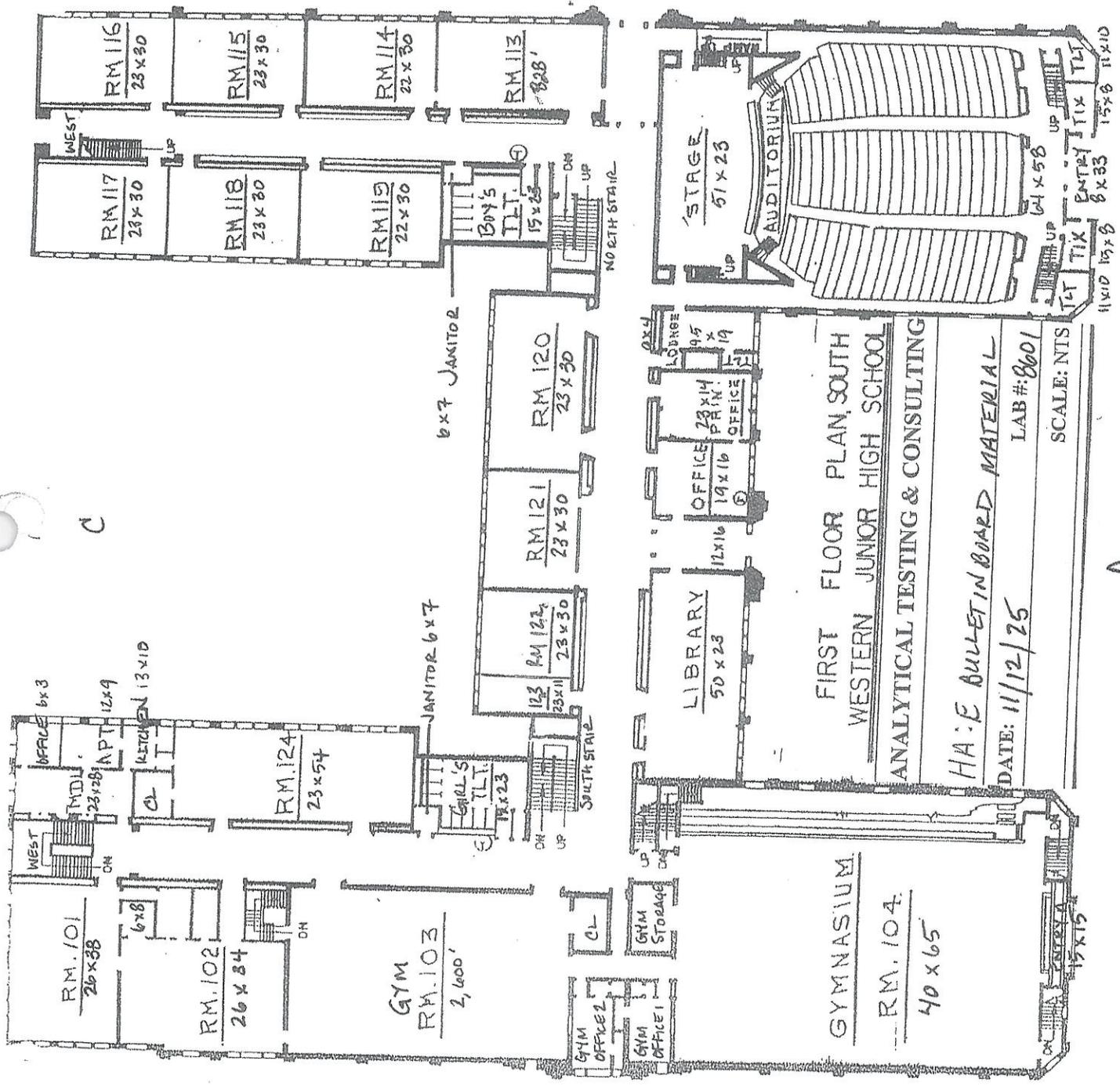
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Gym Entry A on wall	MM	NF	7	~20 SF
TOTAL				~20 SF

Sample No.	Description and Location	Results (%)
8601-09	Sample of bulletin board from Entry A	Layer 1 – None Detected Layer 2 – None Detected Layer 3 – None Detected
8601-10	Sample of bulletin board from Entry A	Layer 1 – None Detected Layer 2 – None Detected Layer 3 – None Detected Layer 4 – None Detected
<p><i>*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.</i></p>		

Location	Recommendations
HA-E	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



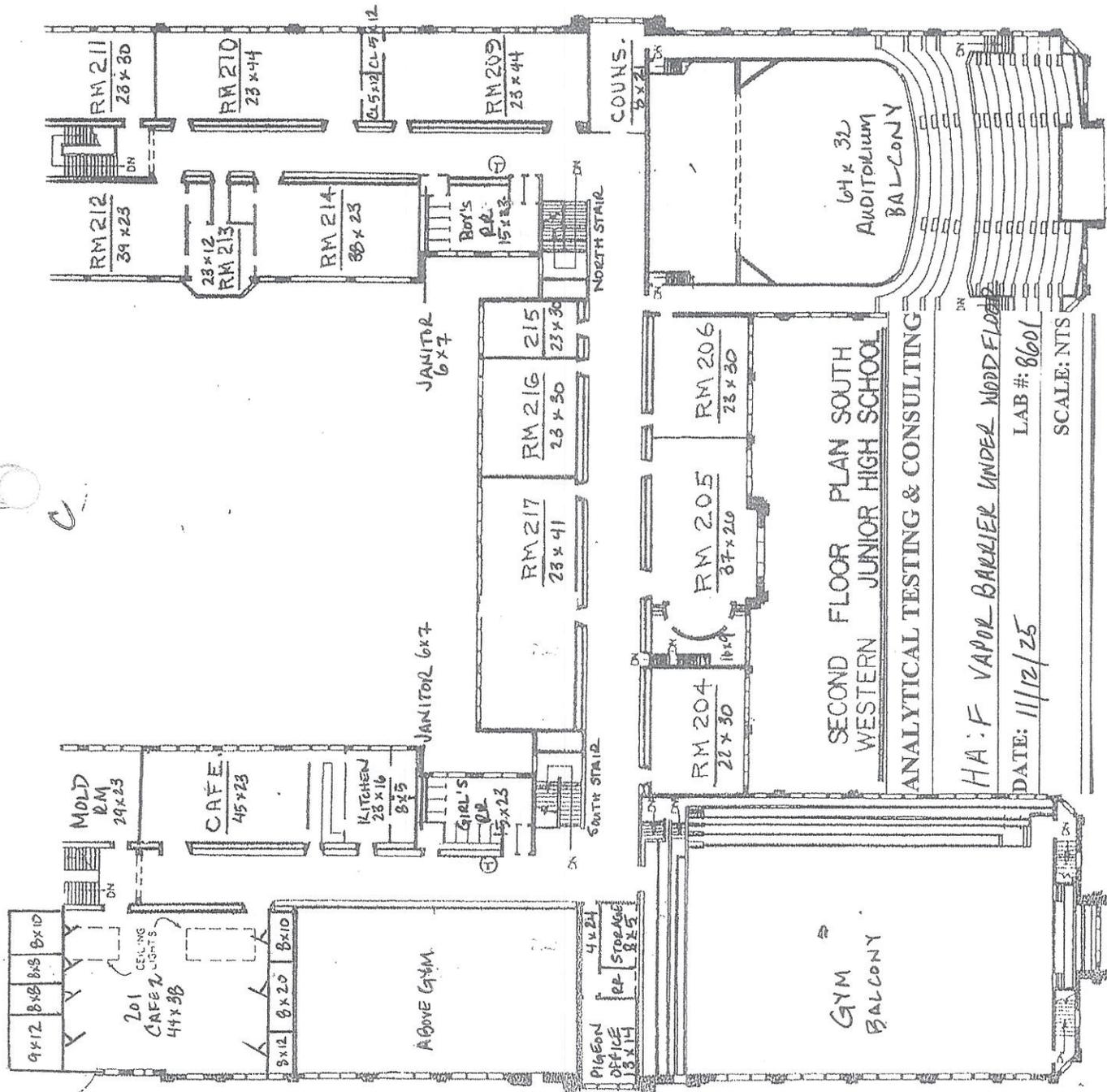
C

D

A



B



SECOND FLOOR PLAN SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING

HA: F VAPOR BARRIER UNDER WOOD FLOOR
 DATE: 11/12/25
 LAB #: 8601
 SCALE: NTS



A

B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: G

HA DESCRIPTION: Brick Mortar

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Brick exterior on building	MM	NF	4	~166,250 SF
TOTAL				~166,250 SF

Sample No.	Description and Location	Results (%)
8601-13	Sample of brick mortar from brick exterior Side B	None Detected
8601-14	Sample of brick mortar from brick exterior Side A at Entry	None Detected
<p><i>*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.</i></p>		

Location	Recommendations
HA-G	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: H

HA DESCRIPTION: Limestone Mortar

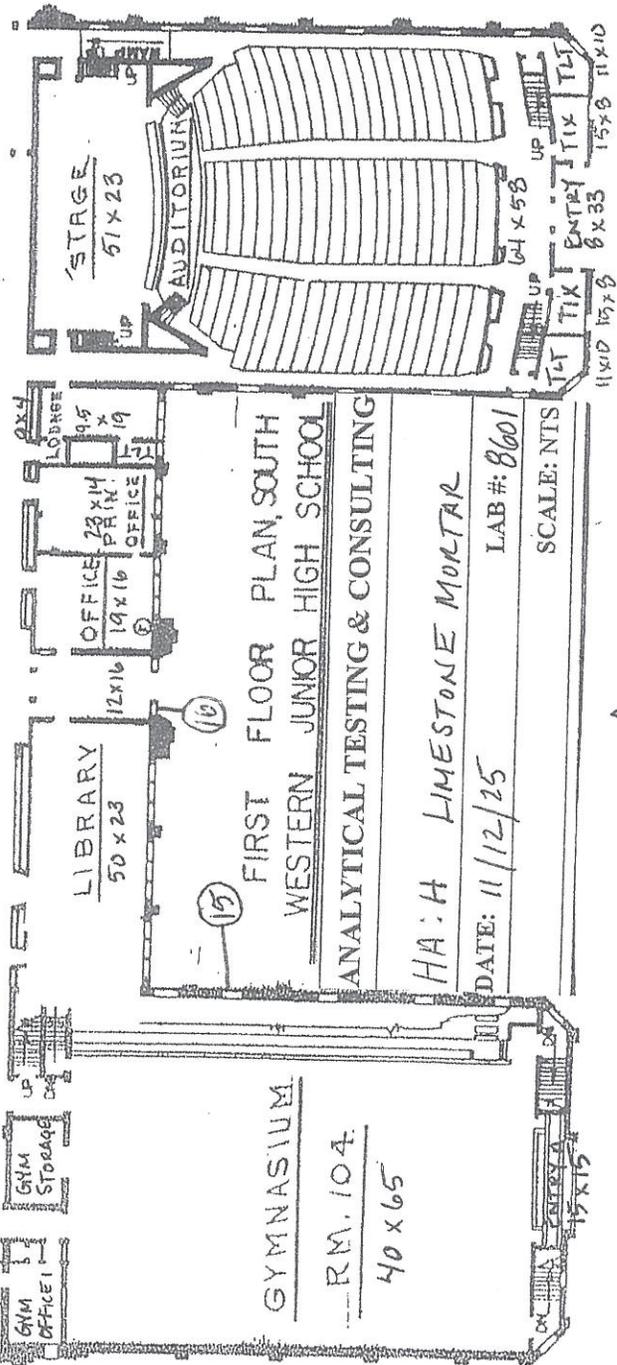
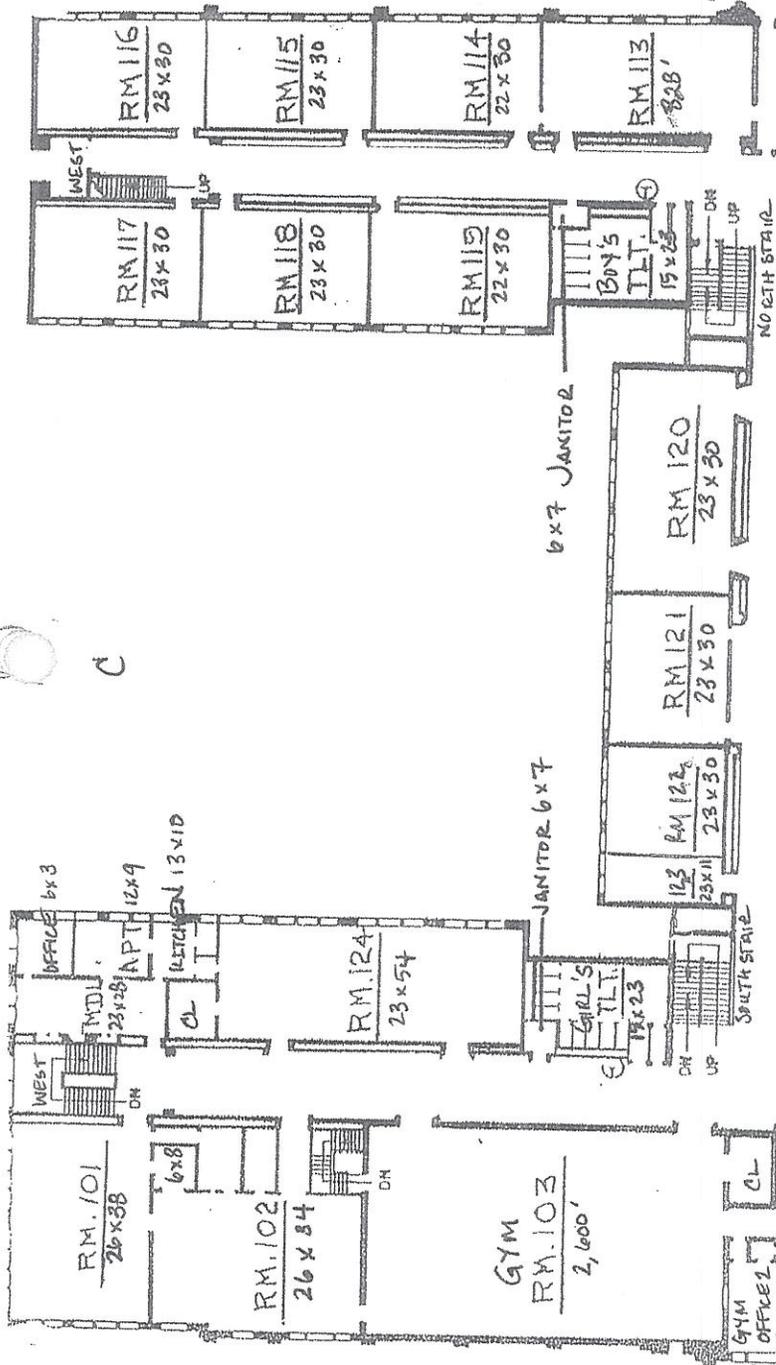
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Base of the exterior of the building	MM	NF	4	~5,160 SF
TOTAL				~5,160 SF

Sample No.	Description and Location	Results (%)
8601-15	Sample of limestone mortar from Side B of building	None Detected
8601-16	Sample of limestone mortar from Side A at entry	None Detected
<p><i>*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.</i></p>		

Location	Recommendations
HA-H	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



A

B

FIRST FLOOR PLAN, SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING
 HA: H LIMESTONE MORTAR
 DATE: 11/12/25
 LAB #: 8601
 SCALE: NTS

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: I

HA DESCRIPTION: Caulk – Gray Sticky

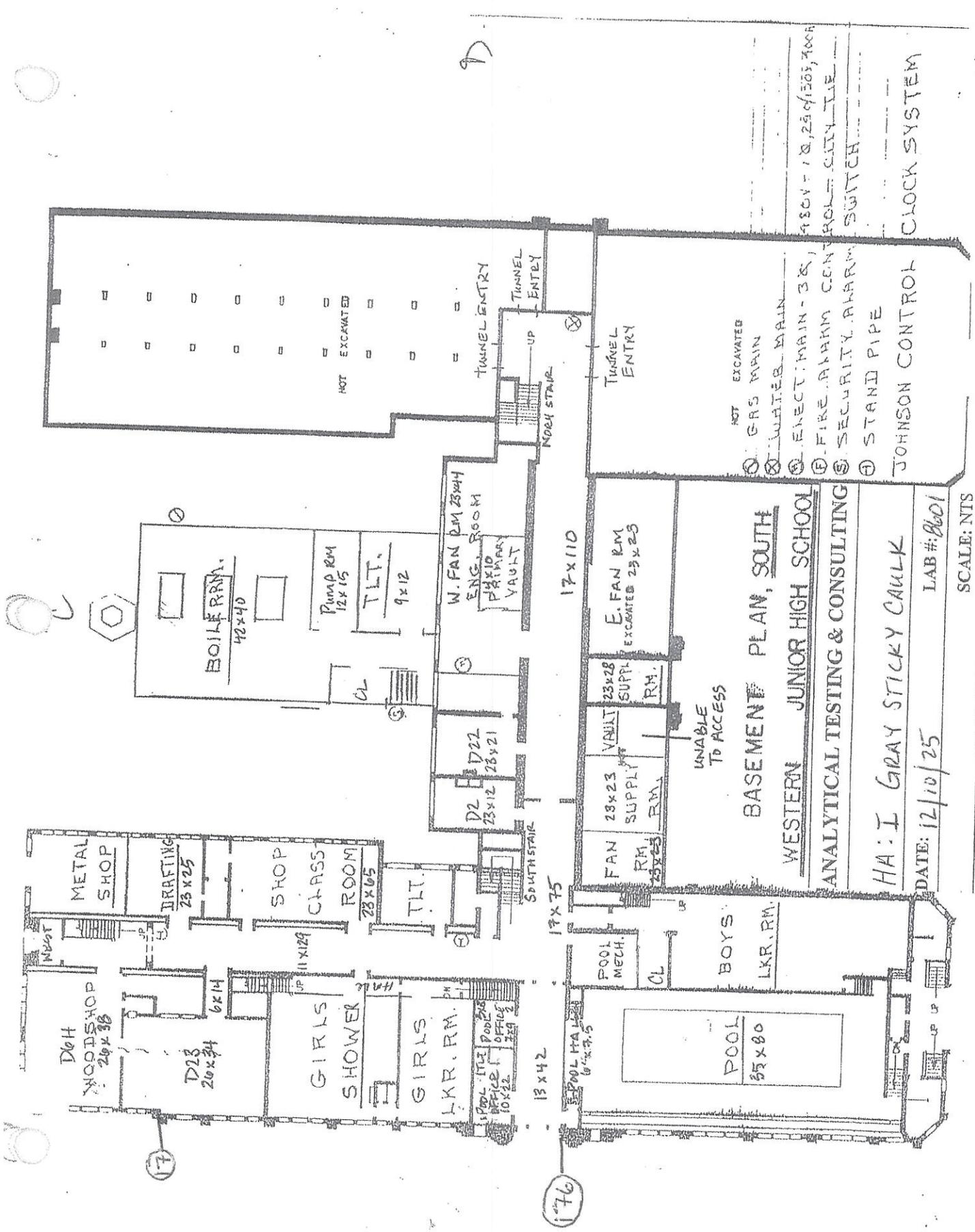
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Between brick and aluminum window casings and door casings– top layer (outside around casing)	MM	NF	7	~9,300 LF / ~387 SF
TOTAL				~9,300 LF / ~387 SF

Sample No.	Description and Location	Results (%)
8601-17	Sample of gray sticky caulk from Side B	None Detected
8601-18	Sample of gray sticky caulk from Side D	None Detected
8601-176	Sample of gray sticky caulk from south entrance door casing near pool office entry	Layer 1 – None Detected Layer 2 – None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-I	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



- ① NOT EXCAVATED
- ② GAS MAIN
- ③ WATER MAIN
- ④ ELECT. MAIN - 381
- ⑤ FIRE ALARM CONTROL
- ⑥ SECURITY ALARM SWITCH
- ⑦ STAND PIPE
- ⑧ JOHNSON CONTROL CLOCK SYSTEM

BASEMENT PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

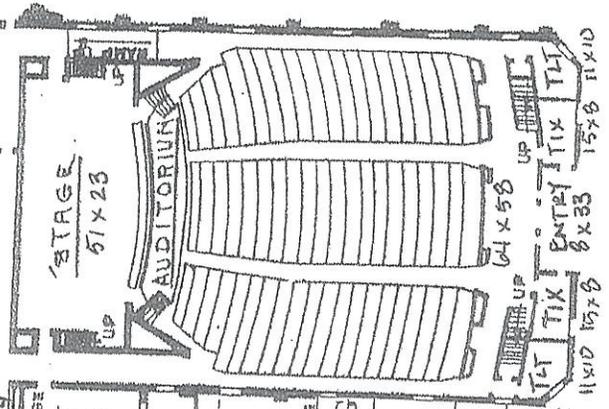
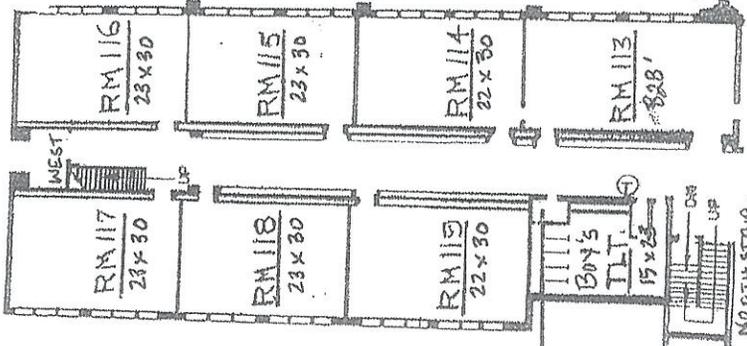
HA: I GRAY STICKY CAULK

DATE: 12/10/25
LAB #: B601
SCALE: NTS

A

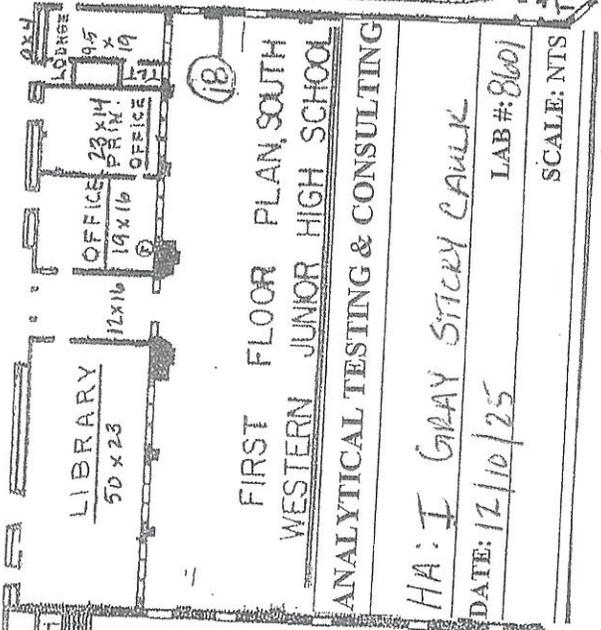
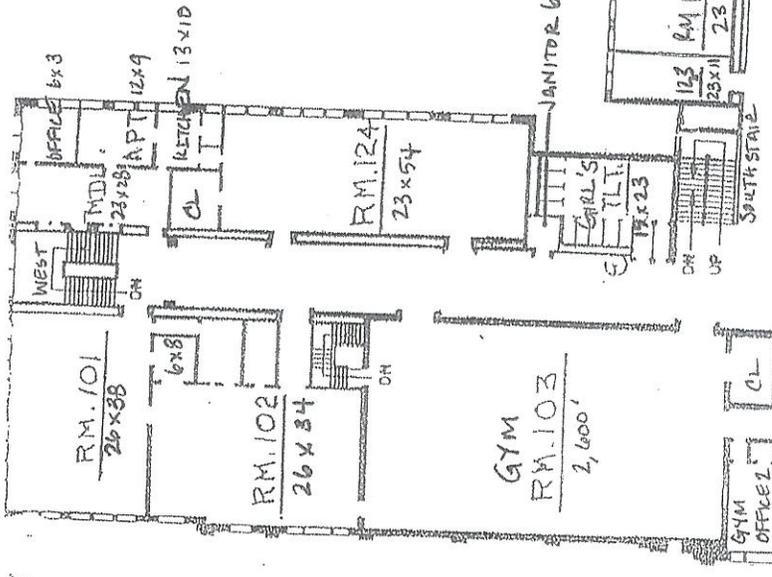


D



C

6x7 JANITOR



18

FIRST FLOOR PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: I GRAY STICKY CAULK

LAB #: 8601

SCALE: NTS

DATE: 12/10/25

GYMNASIUM
--RM. 104
40 x 65

A

B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: J

HA DESCRIPTION: Footing Mortar – beneath Limestone

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Building exterior	MM	NF	4	~5,160 SF
TOTAL				~5,160 SF

Sample No.	Description and Location	Results (%)
8601-19	Sample of footing mortar from Side B/C footer	None Detected
8601-20	Sample of footing mortar from Side B	None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-J	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: K

HA DESCRIPTION: Gray Epoxy

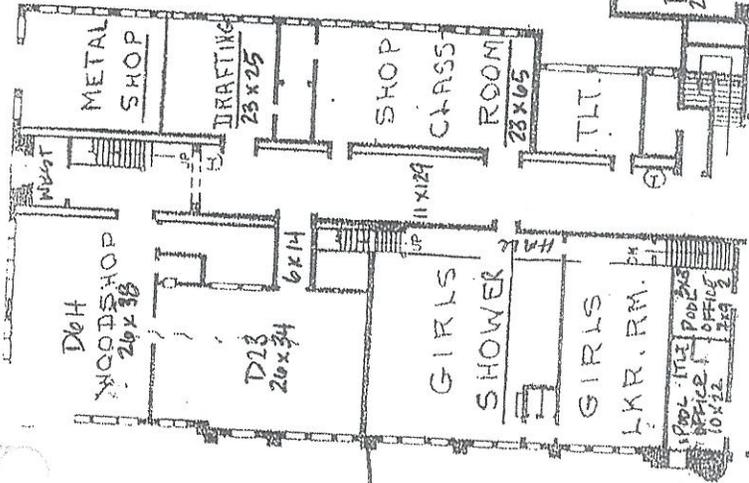
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Used for repair around window casings and door casings *Also, on some window sills – between sections of limestone Boiler roof – used as a repair on seams between limestone sections (roof cap)	MM	NF	7	~1,000 LF / ~42 SF
TOTAL				~1,000 LF / ~42 SF

Sample No.	Description and Location	Results (%)
8601-21	Sample of gray epoxy from Side B	None Detected
8601-22	Sample of gray epoxy from Side D between limestone window sills	None Detected
8601-35	Sample of gray epoxy from boiler roof cap seam Side B	None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-K	Non Asbestos

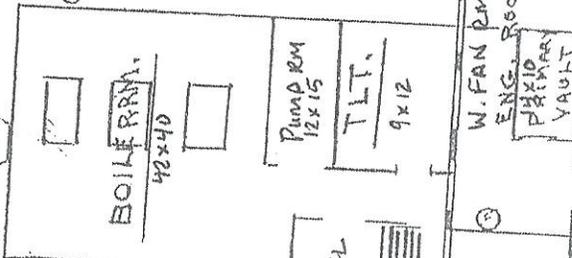
Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



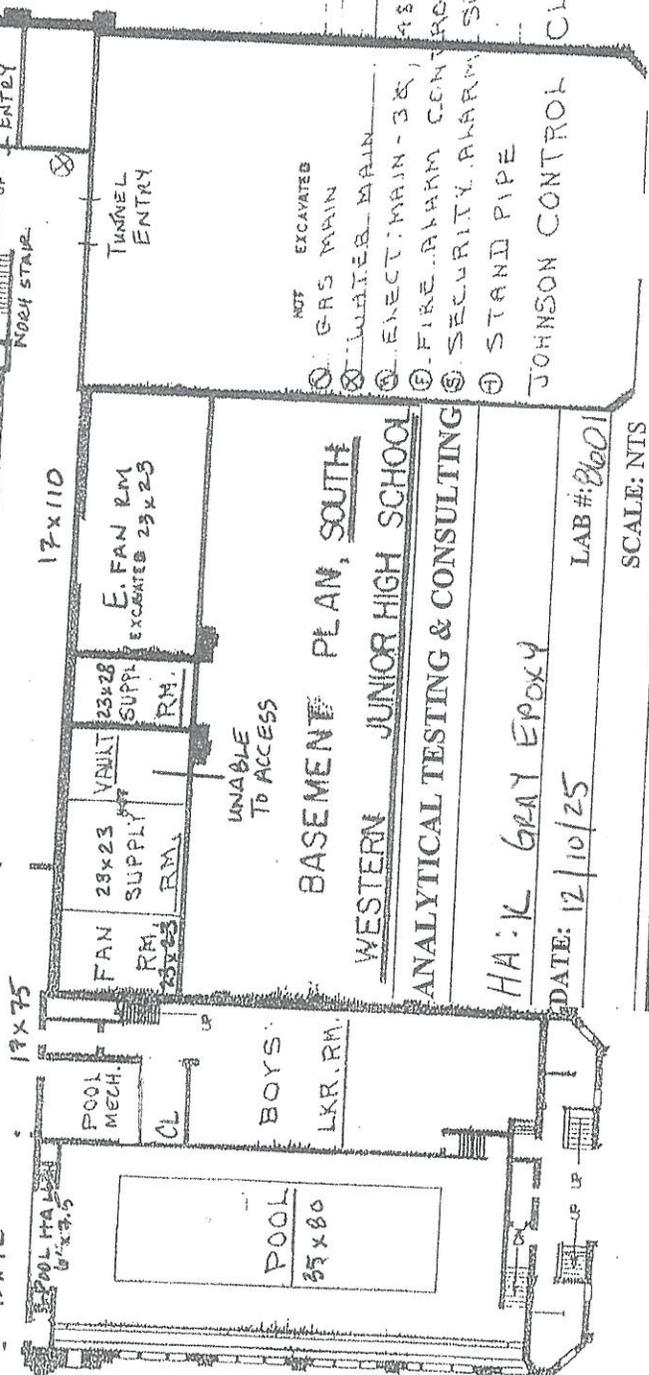
(21)

B



(55)

D



- ⊖ NOT EXCAVATED
- ⊙ GAS MAIN
- ⊗ WATER MAIN
- ⊙ ELECT. MAIN - 38'
- ⊙ FIRE ALARM CONTROL - CITY LINE
- ⊙ SECURITY ALARM SWITCH
- ⊙ STAND PIPE

JOHNSON CONTROL CLOCK SYSTEM

ASOV - 18, 25 of 150V, 400V

BASEMENT PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA:K GRAY EPOXY

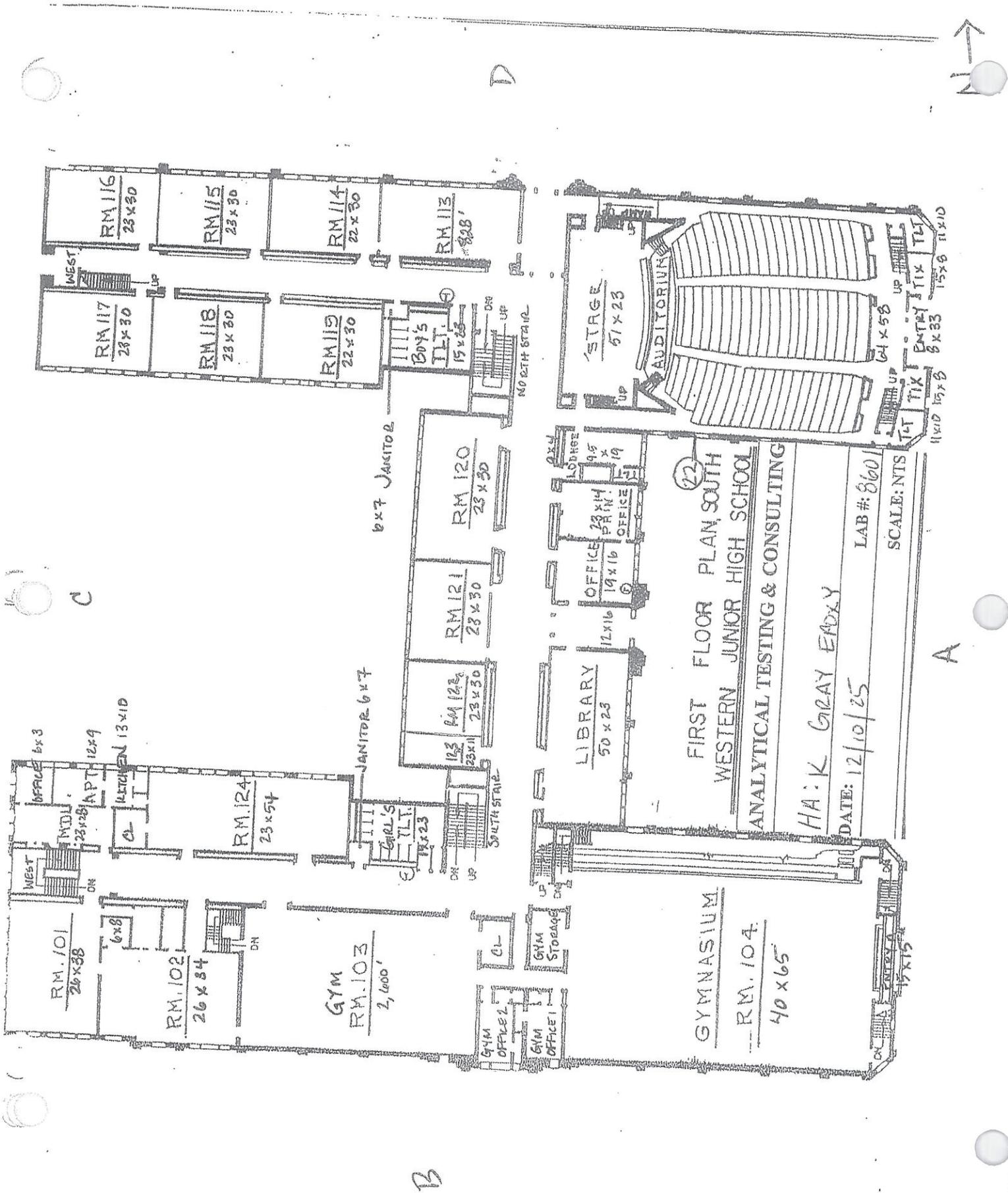
DATE: 12/10/25

LAB #: B601

SCALE: NTS

A





22
 FIRST FLOOR PLAN SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING

HA: K GRAY EADY

DATE: 12/10/25

LAB #: 8601

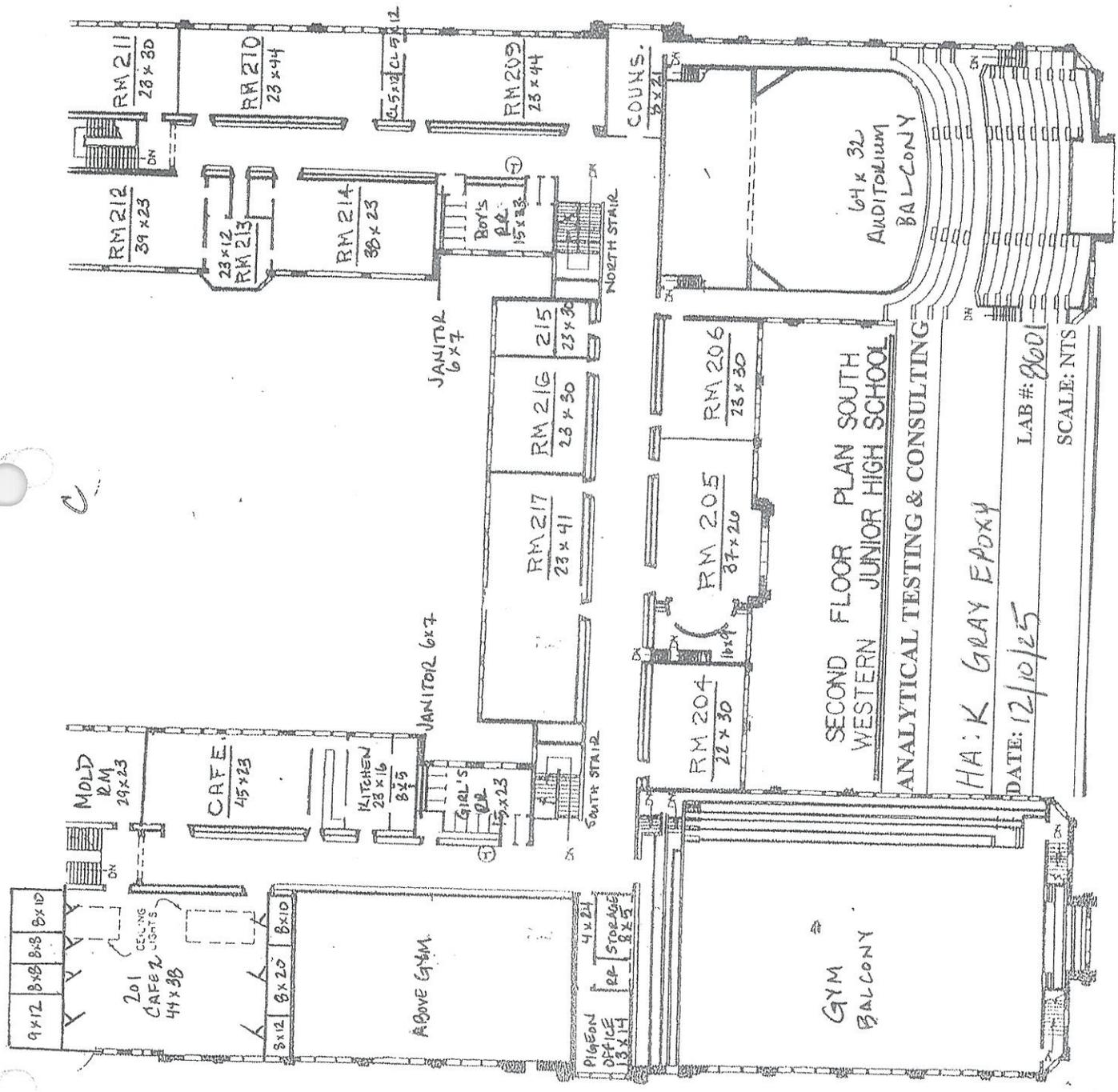
SCALE: NTS

A

C

B





B

A

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: L

HA DESCRIPTION: Old Wood Window Caulk – Dark Gray and White

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Under metal casings and sills –window casings and sills (~261 window openings)	MM	NF	7	~7,400 LF / ~309 SF
			TOTAL	~7,400 LF / ~309 SF

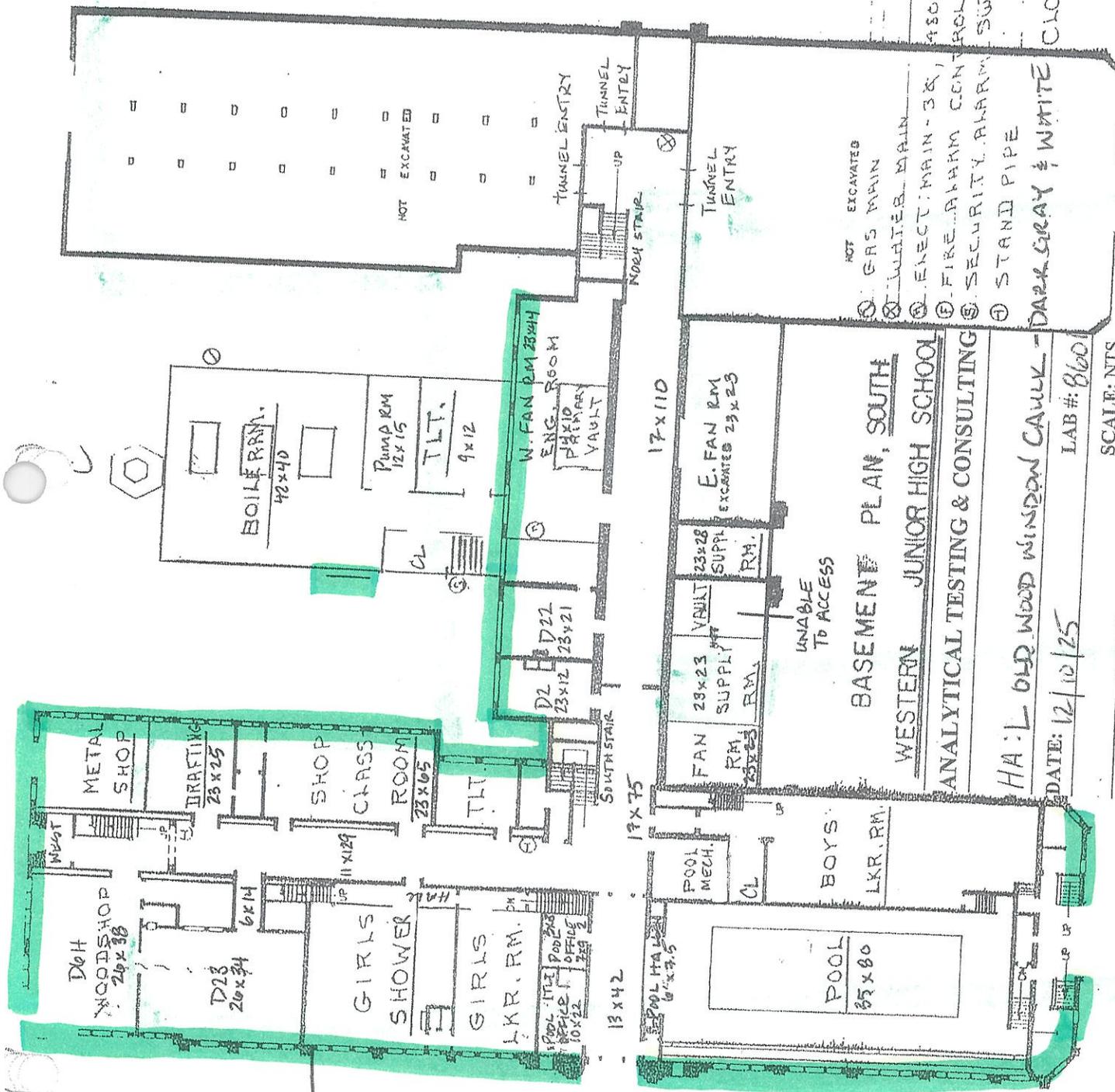
Sample No.	Description and Location	Results (%)
8601-23	Sample of wood window caulk from Side B (outside girl's shower)	5% Chrysotile
8601-24	Sample of wood window caulk from Side C exterior of Room 121 on sill (window is removed)	None Detected

**Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.*

Location	Recommendations
HA-L	Remove Asbestos Prior to Demolition/ Renovation

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



- NOT EXCAVATED
- GRS MAIN
- WATER MAIN
- ELECT. MAIN - 38'
- FIRE ALARM CONT. - 10, 25, 150, 700H
- SECURITY ALARM SWITCH
- STAND PIPE

DARR GRAY & WHITE
CLOCK SYSTEM

BASEMENT PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: L OLR WOOD WINDOW CAULK -
DATE: 12/10/25
LAB #: 860

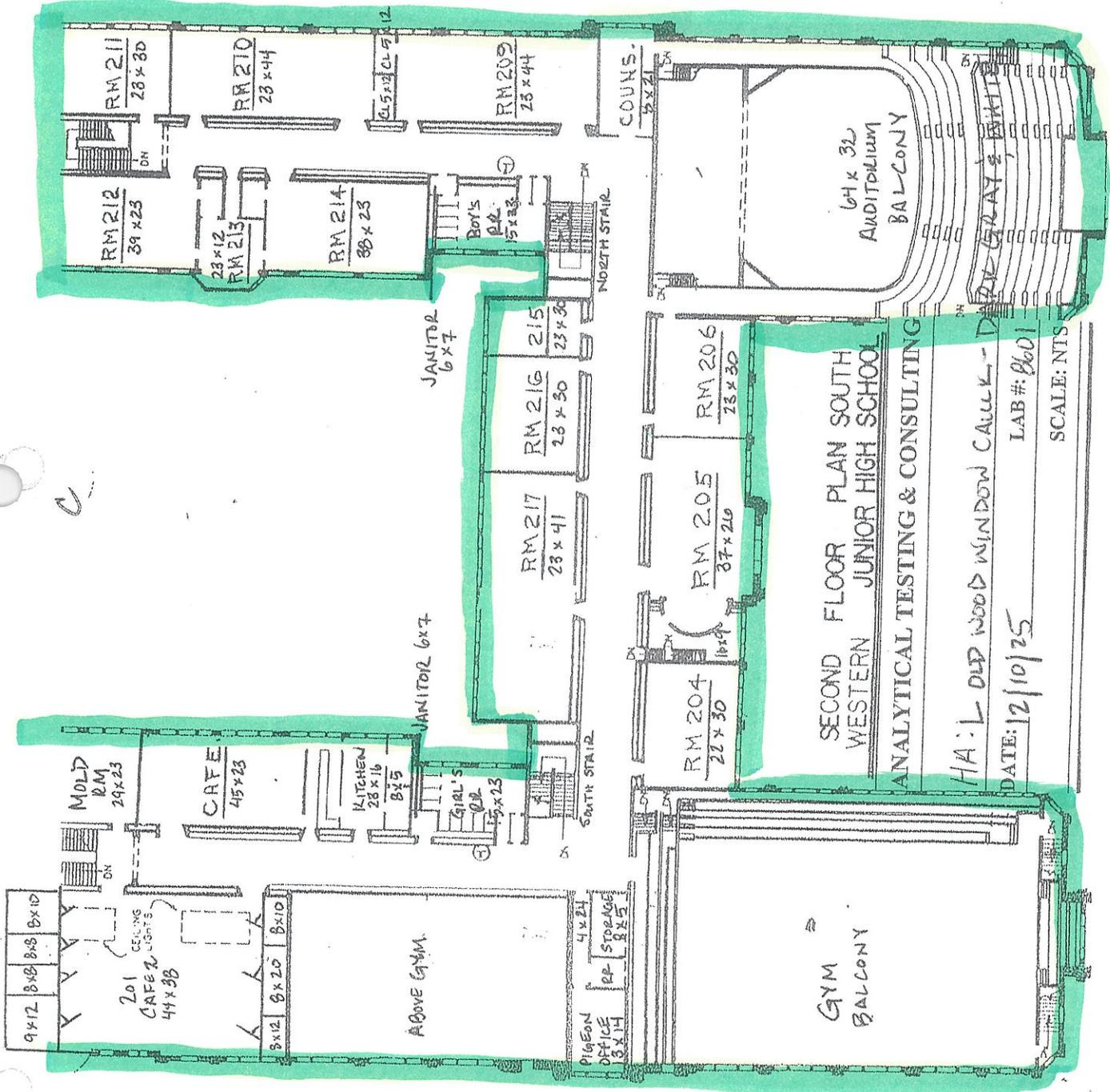
SCALE: NTS



23

B

A



SECOND FLOOR PLAN SOUTH WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: L OLD WOOD WINDOW CALL -
DATE: 12/10/25
LAB #: B601
SCALE: NTS

A



B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: M

HA DESCRIPTION: Red Window Glaze

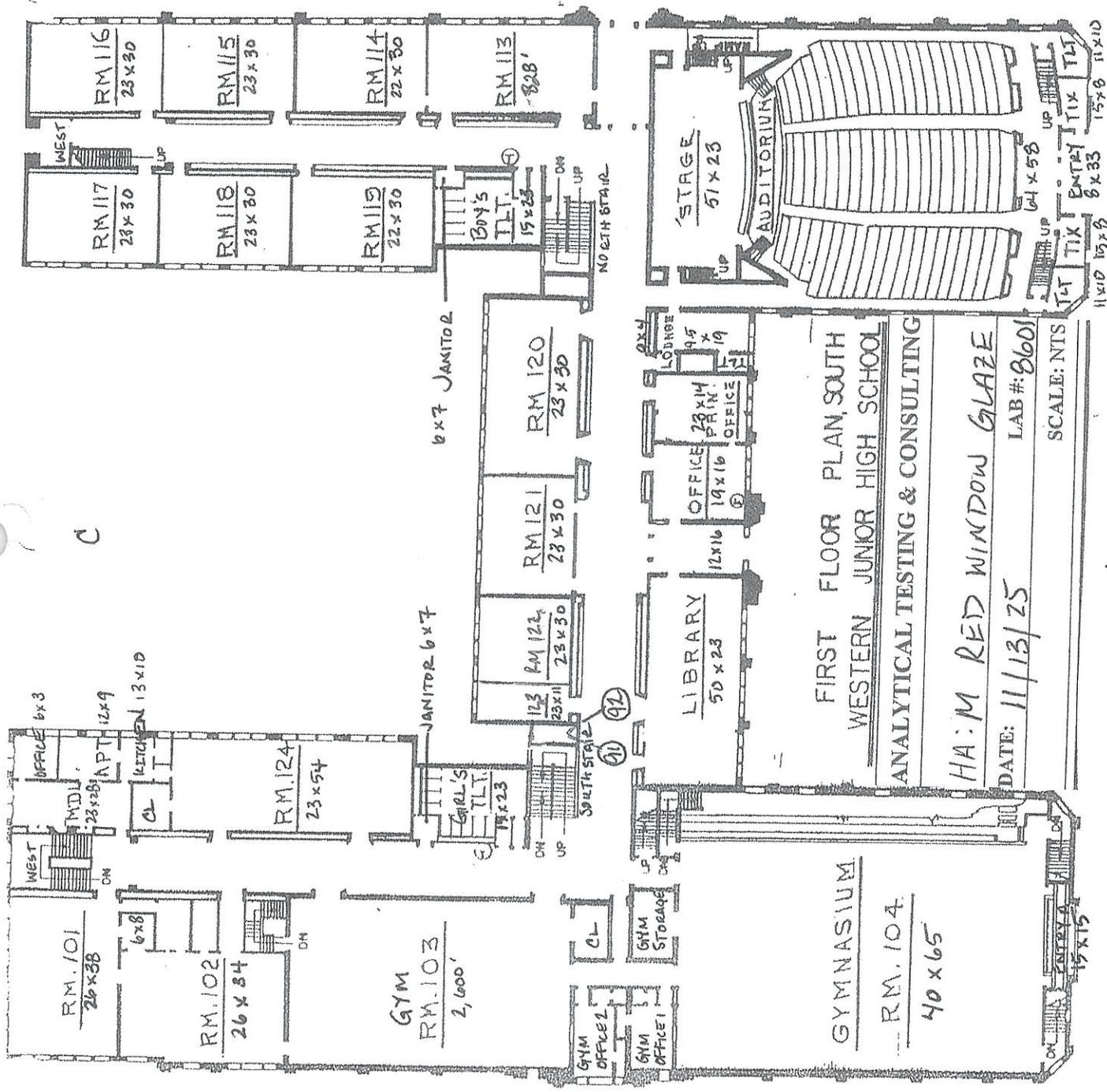
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Side C – 5 attic windows	MM	NF	7	~5 Windows ~70 LF
Side B – 3 attic windows	MM	NF	7	~3 Windows ~36 LF
Side D – 3 attic windows	MM	NF	7	~3 Windows ~36 LF
Boiler Room – 1	MM	NF	7	~1 Window ~12 LF
Boy's locker room – 6	MM	NF	7	~6 Windows ~72 LF
Pipe chases (2) 10 windows	MM	NF	7	~10 Windows ~120 LF
Girl's locker room hall – 3	MM	NF	7	~3 Windows ~36 LF
Basement hall near primary vault – 2	MM	NF	7	~2 Windows ~24 LF
Fan Room – 1	MM	NF	7	~1 Window ~12 LF
Lower level restroom – 1	MM	NF	7	~1 Window ~12 LF
Tunnel windows – 6	MM	NF	7	~6 Windows ~72 LF
D23 Storage – 1	MM	NF	7	~1 Window ~12 LF
TOTAL				~42 Windows ~562 LF / ~21.5 SF

Sample No.	Description and Location	Results (%)
8601-25	Sample of window glaze from the boiler room Side B	None Detected
8601-26	Sample of window glaze from the hall of girl's locker room Side B	None Detected
8601-91	Sample of window glaze from 1 st floor hall near stair south of main office	None Detected
8601-92	Sample of window glaze from 1 st floor hall pipe chase near stair south of main office	None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-M	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Fcct LF = Linear Fcct MF = Mudded Fittings
SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged

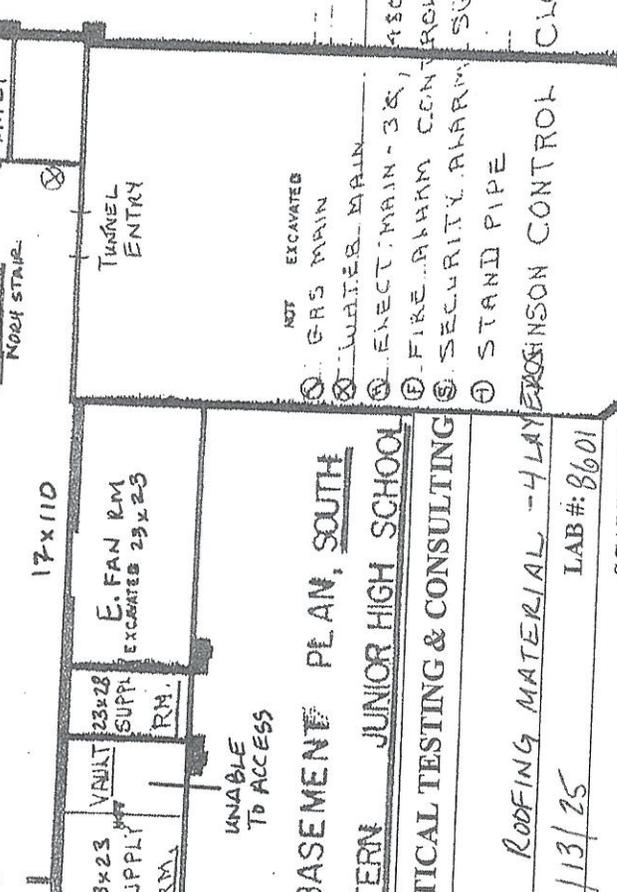
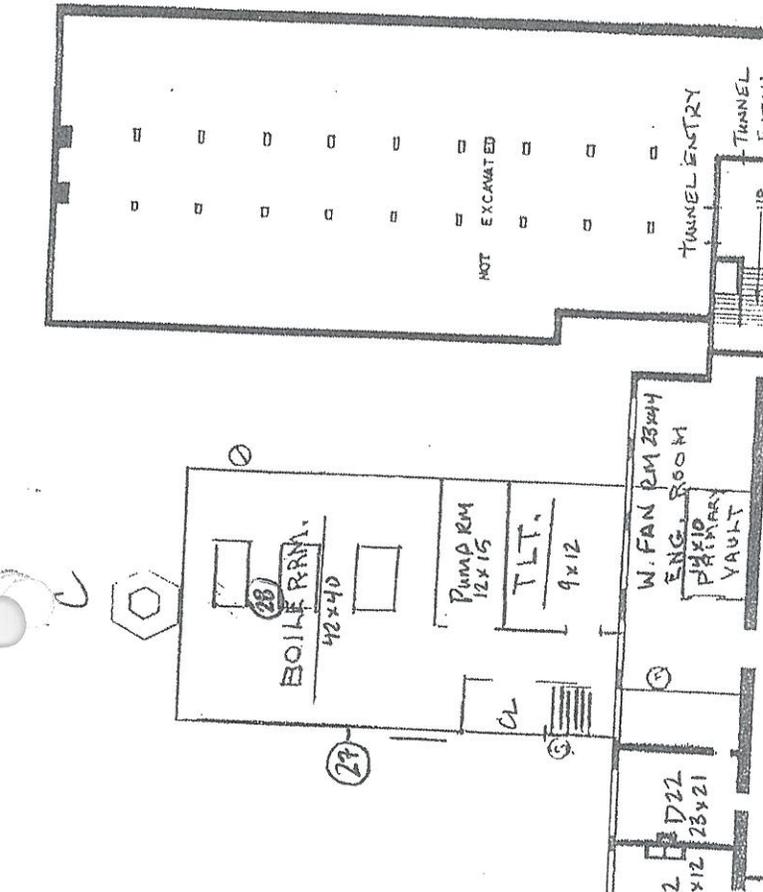
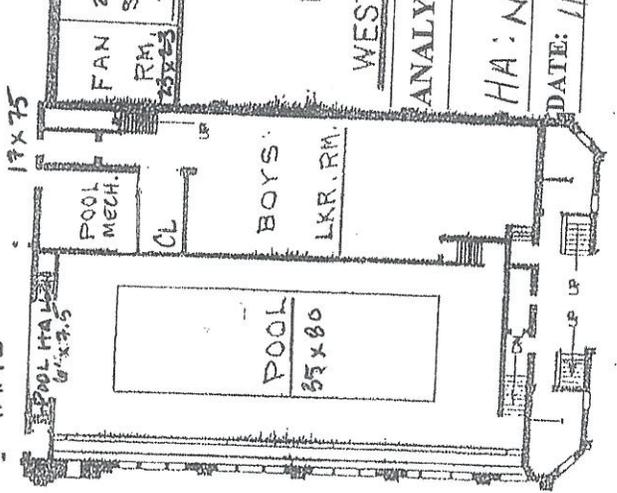
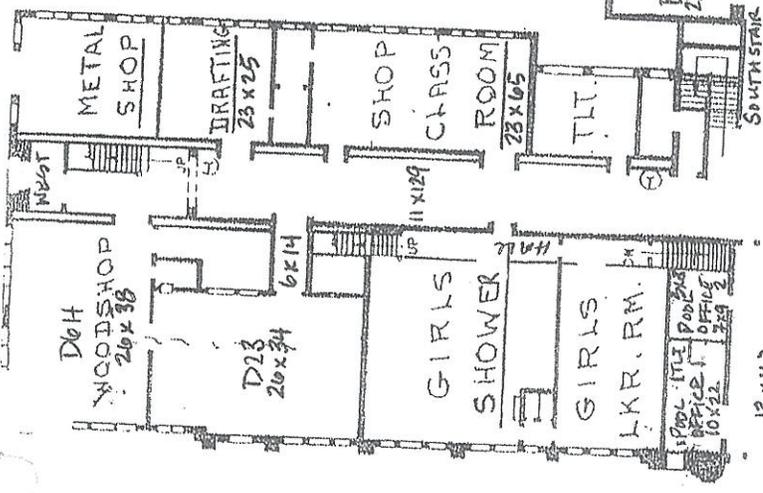


C

B

A

FIRST FLOOR PLAN, SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING
 HA: M RED WINDOW GLAZE
 DATE: 11/13/25
 LAB #: 8601
 SCALE: NTS



- NOT EXCAVATED
- ERS MAIN
- WATER MAIN
- ELECT. MAIN - 38
- FIRE ALARM CONTROL
- SECURITY ALARM SWITCH
- STAND PIPE
- EXHONSON CONTROL
- CLOCK SYSTEM

BASEMENT PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING
HAN ROOFING MATERIAL - 4 LAY
DATE: 11/13/25
LAB #: 8601
SCALE: NTS



B

A

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: O

HA DESCRIPTION: Silver Roof Flashing

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Boiler Room roof – along the perimeter of the roof	MM	NF	1	~164 LF / ~246 SF
Main building	MM	NF	1	~1,032 LF / ~1,548 SF
TOTAL				~1,196 LF / ~1,794 SF

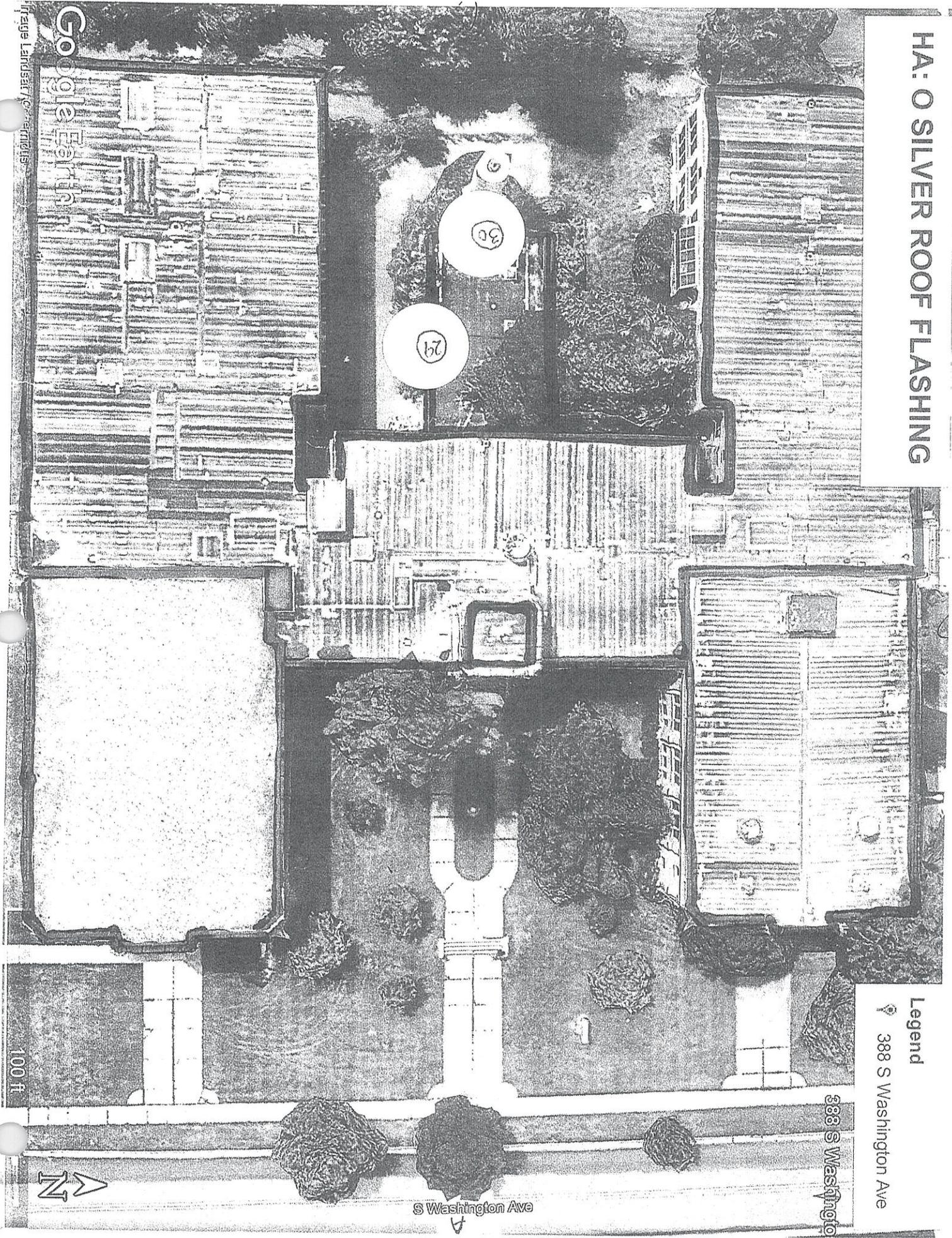
Sample No.	Description and Location	Results (%)
8601-29	Sample of silver flashing from Side B roof on boiler roof	Layer 1 – None Detected Layer 2 – None Detected
8601-30	Sample of silver flashing from Side C roof on boiler roof	Layer 1 – None Detected Layer 2 – None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-O	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged

HA: O SILVER ROOF FLASHING



Legend
388 S Washington Ave

388 S Washington

S Washington Ave

100 ft



Google Earth

Image Landsat/Coverdigs

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: P

HA DESCRIPTION: Old Window Caulk Line – Light Beige

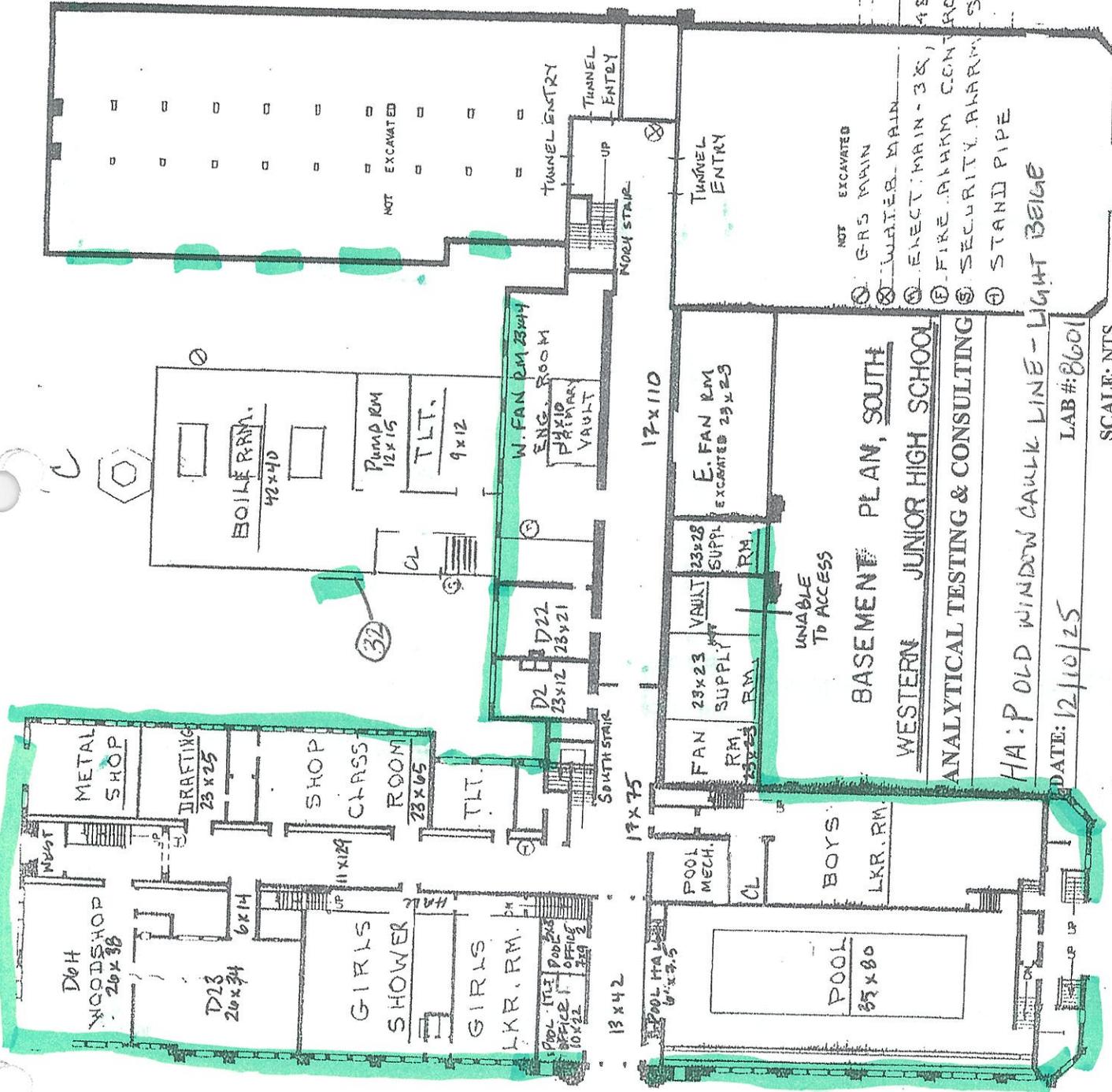
HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Under metal window casings – old caulk line from old windows ~261 window openings	MM	NF	5	~7,400 LF / ~309 SF
TOTAL				~7,400 LF / ~309 SF

Sample No.	Description and Location	Results (%)
8601-31	Sample of old caulk from Side C exterior of Room 121	3% Chrysotile
8601-32	Sample of old caulk from Side B metal window on boiler room	3% Chrysotile
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-P	Remove Asbestos Prior to Demolition/ Renovation

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged



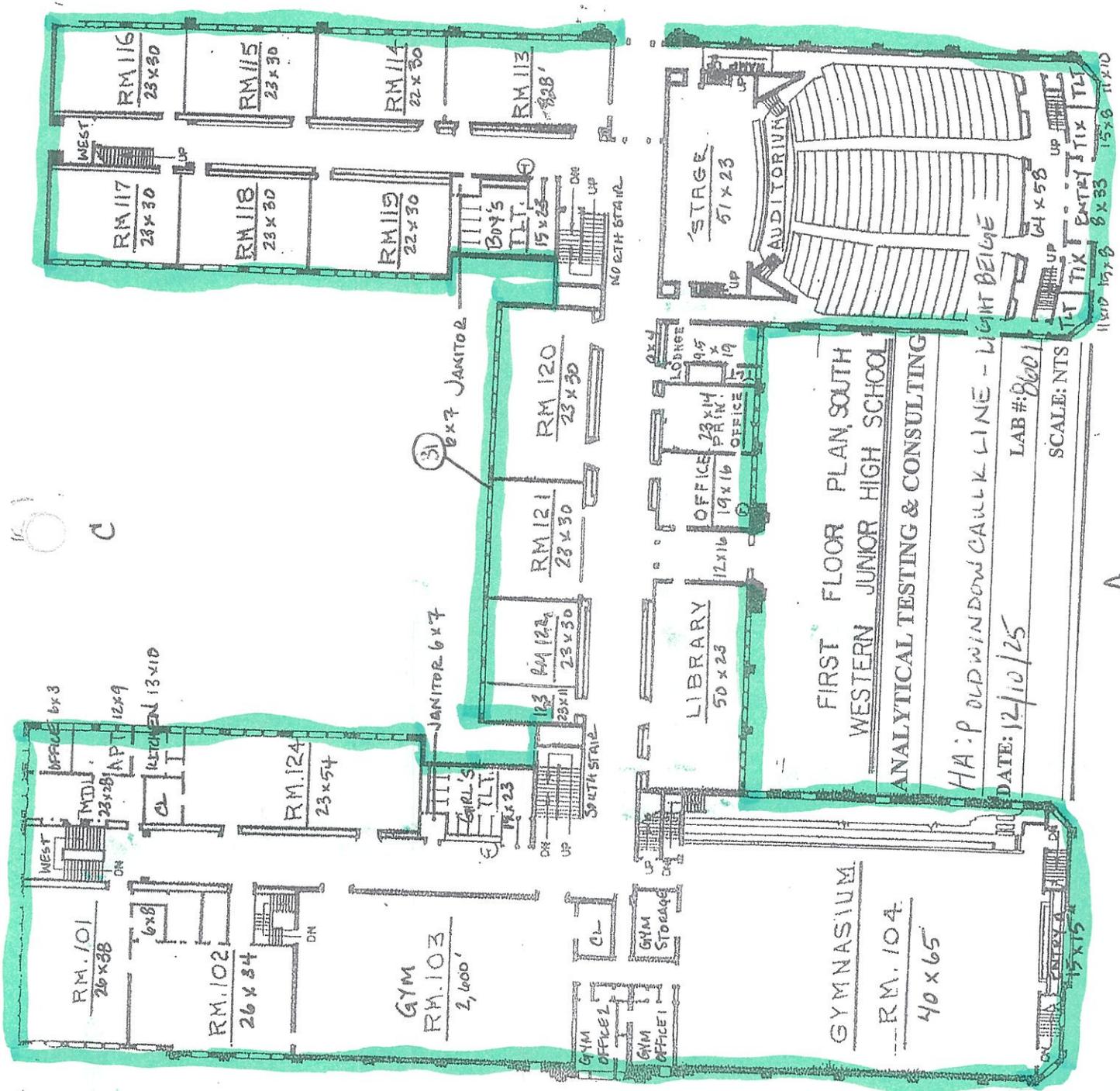
- NOT EXCAVATED
- ⊗ G-RS MAIN
- ⊕ WATER MAIN
- ⊙ ELECT. MAIN - 38, 480V - 1Ø, 250/120V, 400A
- ⊖ FIRE ALARM CONTROL - CITY TIE
- ⊕ SECURITY ALARM SWITCH
- ⊙ STAND PIPE

BASEMENT PLAN, SOUTH
 WESTERN JUNIOR HIGH SCHOOL
 ANALYTICAL TESTING & CONSULTING
 HA: P OLD WINDOW CAULK LINE - LIGHT BEIGE
 DATE: 12/10/25
 LAB #: 8601
 SCALE: NTS



B

A



C

D

A

FIRST FLOOR PLAN, SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: P OLD WINDOW CAULK LINE - LIGHT BEIGE
LAB # 86001
SCALE: NTS
DATE: 12/10/25

GYMNASIUM
- RM. 104
40 x 65

GYM
RM. 103
2,600'

RM. 124
23 x 54

RM. 121
28 x 30

RM. 120
23 x 30

LIBRARY
50 x 23

OFFICE
19 x 16

OFFICE
23 x 19

STAGE
51 x 23

AUDITORIUM

RM. 116
23 x 30

RM. 115
23 x 30

RM. 114
22 x 30

RM. 113
22 x 30

RM. 117
23 x 30

RM. 118
23 x 30

RM. 119
22 x 30

RM. 101
26 x 38

RM. 102
26 x 34

ENTRY
8 x 33

TL
15 x 8

8 x 7 JANITOR

JANITOR 6 x 7

GIRL'S
18 x 23

GIRL'S
18 x 23

GIRL'S
18 x 23

GIRL'S
18 x 23

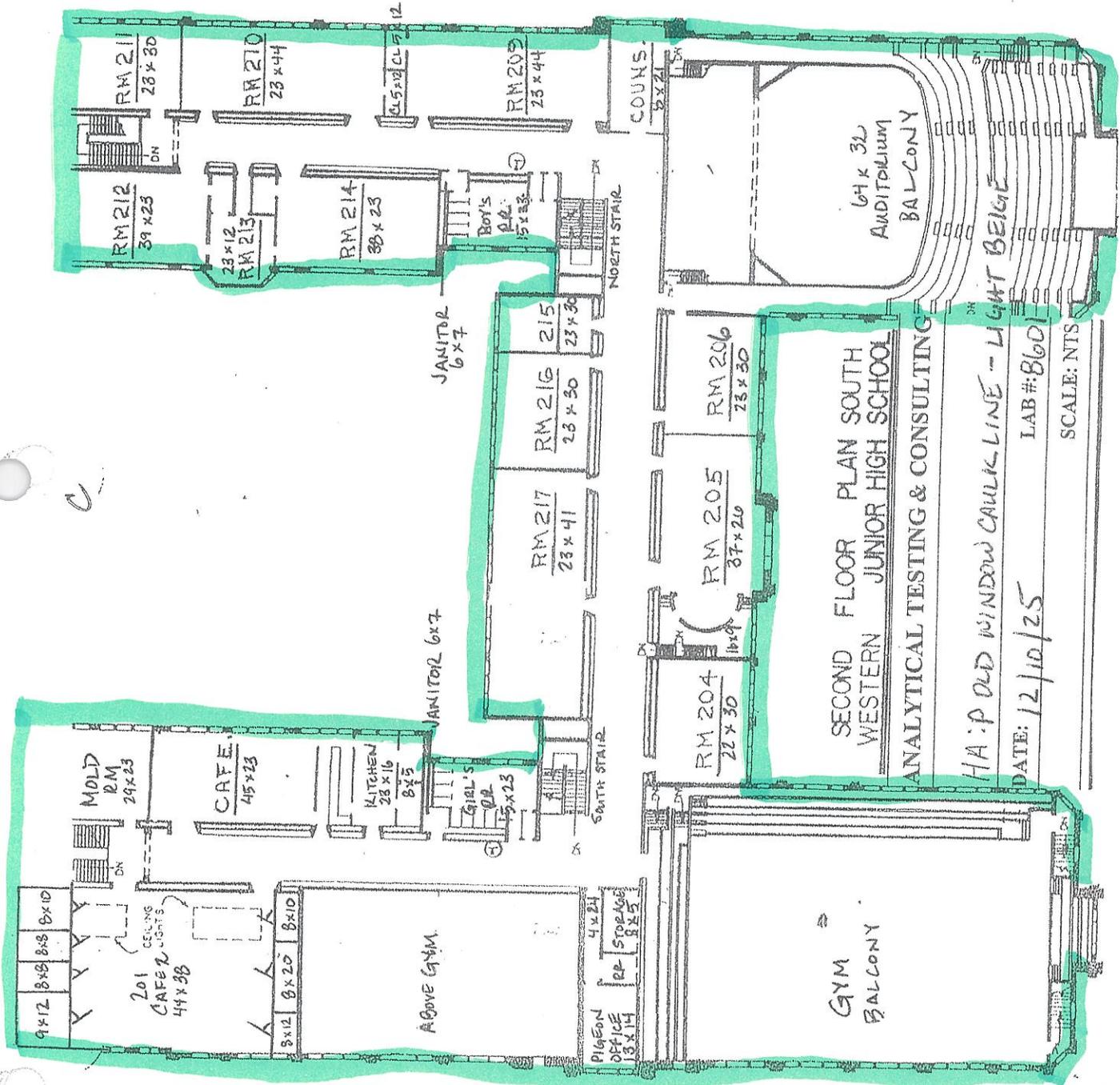
BOYS
15 x 25

NO. 2TH STAIR

SOUTH STAIR

LOBBY
9.5 x 19

OFFICE
12 x 16



SECOND FLOOR PLAN SOUTH
WESTERN JUNIOR HIGH SCHOOL
ANALYTICAL TESTING & CONSULTING

HA: P OLD WINDOW CAULK LINE - LIGHT BEIGE

DATE: 12/10/25
LAB #: 860
SCALE: NTS

A



B

ASBESTOS SURVEY DATA FORM

LOCATION: Southwestern Junior High School

LAB: 8601

ADDRESS: 390 S. Washington, Battle Creek, Michigan 49017

DATE: Sept/Oct/Nov/Dec 2025

HA#: Q

HA DESCRIPTION: Roof Caulk

HA LOCATION	Type SM/TSI/MM	Friability F/NF	Physical Condition	Size SF/LF/MF
Boiler roof – caulk seams between limestone sections roof cap 50 seams on boiler roof	MM	NF	5	~50 Seams / ~36 SF
TOTAL				~50 Seams / ~36 SF

Sample No.	Description and Location	Results (%)
8601-33	Sample of boiler roof caulk between stone on boiler roof Side B	None Detected
8601-34	Sample of boiler roof caulk between stone on boiler roof Side B	None Detected
*Note: All samples were collected in a statistically random manner representative of Homogeneous Area in accordance with 40 CFR 763.86.		

Location	Recommendations
HA-Q	Non Asbestos

Key: F = Friable NF = Non-friable SF = Square Feet LF = Linear Feet MF = Mudded Fittings
 SM = Surfacing Material TSI = Thermal Systems Insulation MM = Miscellaneous Material

Condition: 1 = Good 2 = Potential for Damage 3 = Potential for Significant Damage 4 = Damaged 5 = Damaged + Potential for Damage
 6 = Damaged + Potential for Significant Damage 7 = Significantly Damaged