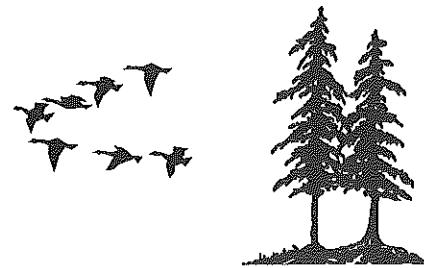


Midwest
Environmental
Consulting, L.L.C.



Printed on Recycled Paper

**Murray Junior High School
Saint Paul Public Schools**

Lead-Based Paint Inspection

Inspection Dates: 8/6/97, 8/7/97, 8/11/97, 8/12/97

submitted to:

Saint Paul Public Schools

MEC Project # 62/0197AW

INTRODUCTION

At the request of Saint Paul Public Schools Environmental Safety Department, Midwest Environmental Consulting, L.L.C. (MEC), conducted a lead-based paint inspection at Murray Junior High School, 2200 Buford Avenue, St. Paul, MN. The purpose of this inspection was to identify lead-based painted, varnished, or otherwise coated building components on the interior and exterior of the school building.

The inspection protocol incorporated applicable portions of the U.S. Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-based Paint Hazards in Housing* (HUD Guidelines, June 1995) and OSHA 1926.62 requirements (Lead in Construction). The HUD guidelines are formulated to guide agencies in conducting random sampling of the interiors and exteriors of dwellings and common areas in public housing. The OSHA requirement is designed to minimize worker exposure when working with material containing lead.

Confirmatory testing was conducted when inconclusive XRF results were encountered. Inconclusive refers to XRF readings less than 0.2 mg/cm² (milligrams per square centimeter). Inconclusive results were confirmed with laboratory analysis of paint chip samples (Appendix B). This report contains a list of such results.

The United States Environmental Protection Agency defines "lead-based paint" as a paint or other surface coating that contains lead equal to or in excess of 1.0 milligrams per square centimeter when analyzed by XRF or more than 0.5% by weight (5000 parts per million) by laboratory analysis of a bulk sample.

Minnesota Department of Labor and Industry (MN OSHA) adopted the EPA lead levels for the purpose of enforcing OSHA 1926.62 federal regulations. Detection of lead in dried paint film by XRF is a dependable indicator of levels of lead and is accepted by MN OSHA.

For this Saint Paul Public Schools Lead Inspection, all building components were tested on site using a Niton XL® X-ray Fluorescence Spectrum Analyzer⁽¹⁾. Building components included walls, ceilings, floors, moldings, window and door components, door surfaces, and miscellaneous features such as shelves or bookcases. Only painted or glazed surfaces or surfaces which were varnished were tested. Suspended ceilings, structural steel, and corrugated decking were not included in the inspection. Neither anodized (e.g., window sashes) nor plastic (e.g., vinyl baseboard and vinyl mini-blinds) were included in the scope of this inspection.

⁽¹⁾ This is a portable hand held machine that can analyze building components instantly for lead concentrations.

Each building was divided into unique sites based on the year of construction or renovation. Portable classrooms, playgrounds, and other detached buildings were automatically designated as a unique site. Each site was inspected independently assuming differences in painting history and construction characteristics.

SITE DESCRIPTION AND BUILDING HISTORY

According to information provided to MEC by Saint Paul Public Schools, Murray Junior High School was constructed in essentially five phases. The initial phase includes the 27,706 square-foot older section of the building and dates from 1925. The second phase is a 16,261 square foot addition dating from 1930. The third phase is a 4,809 square foot addition from 1939. The fourth phase is a 49,789 square foot addition from 1963, and the fifth phase of 4,176 square feet was added in 1977.

For the purpose of this inspection the 1925, 1930 and 1939 phases are considered to be site 1.

All room and area designations used in this report are depicted on sampling maps found in Appendix A.

XRF SAMPLE RESULTS TABLE

The results of all samples analyzed are listed in the table at the end of this section. The following is a description of the column headings:

Site	Each school is divided into sites based on their unique construction characteristics. Each site has a unique date of construction or major renovation.
Sample #	Each sample taken was given a unique number to identify the type and location of the sample. The sampling date is an integral part of the sample number.
Analysis	This defines the type of analysis which can be categorized into two types: 1) XRF: This is an on-site analysis using a hand held Niton XL® X-ray Fluorescence Spectrum Analyzer; 2) Bulk or Chip: This is a bulk sample where paint is removed from the substrate and sent to a laboratory for analysis;
Floor	This is the level of the building in which the area tested was found, example, 1 (first floor), 0 (basement), etc.

Area	This further defines the specific functional space inspected such as a classroom, exterior, playground, gym, kitchen, etc.
Room #	This is typically the actual number on the room as identified at the building.
Component	Building "components" included walls, ceilings, floors, moldings, window and door components, door surfaces, and miscellaneous features such as shelves or bookcases.
Feature	Identifies more detailed information of the component.
Condition	This describes condition of the surface, whether it is intact, cracked, peeling, or chalking.
Substrate	This refers to the material the building component is made of (wood, concrete, drywall, metal, etc.).
Result	This is the analysis results for lead. Less than 1.0 mg/cm ² or less than 0.5% by weight is considered to be non-lead and these building components are below the action levels of EPA and HUD. (All results are in mg/cm ² except where noted.)

The table of results is designed for quick information on lead concentrations of tested building components. Generally, all repetitions of a test combination within a given room or area, may be assumed to contain similar concentrations of lead to that of the tested sample. For instance, the lead concentration of a tested wooden window sash was found to be above the action level of 1.0 mg/cm² in a given classroom. The classroom has five windows, all of wood, the same color and appearing to be of the same era. It can be assumed that the remaining four wooden window sashes each contain lead above the action limit.

Other columns identify the component and the component feature tested, condition of the component, type of substrate and the result of the analytical test.

As an example, the following illustration shows that the wooden door jamb in Room 123, first floor in the 1923 building section was in good, solid condition, and had an XRF test result of 0.3 mg/cm², which is below the action level.

Illustration Only

Site	Sample #	Date	Analysis	Floor	Area	Room #	Component	Feature	Condition	Substrate	Results
1923 Bldg.	52		XRF	1	Room	123	Door	Jamb	Solid	Wood	0.3

In a similar manner, the table shows that the plaster walls in room 23, on the second floor has peeling paint with more than 1.0 mg/cm² (shaded).

ILLUSTRATION ONLY

Site	Sample #	Date	Analysis	Floor	Area	Room #	Component	Feature	Condition	Substrate	Results
1910 Bldg.	16		XRF	2	Room	23	Door	Jamb	Peeling	Wood	0.25
1910 Bldg.	17		XRF	2	Room	23	Wall	Wall	Peeling	Plaster	1.2
1910 Bldg.	18		XRF	2	Room	23	Ceiling	Peeling	Plaster		0.25
1910 Bldg.	19		XRF	2	Room	23	Wall	Baseboard	Peeling	Wood	0.002

APPLICABLE REGULATIONS

When building components test above 1.0 mg/cm² of lead by XRF or 0.5% lead by weight from laboratory analysis all employees and contractors who will be working with these components in a construction related activity must be notified. The requirements of OSHA 1926.62, Lead in Construction are enforceable. This regulation defines construction work as "work for construction, alteration and/or repair, including painting and decorating." This regulation further defines monitoring requirements to minimize employee exposure to lead during construction activities.

When work is performed on external painted building structures (i.e. flashing, fire escapes, playground equipment, handrails, etc.), regulations of the Minnesota Pollution Control Agency (MPCA) may also be applicable. For removal of lead based paint from steel structures, MN Rules 7025.0200 - 7025.0380 apply to steel materials on the exterior of a building, or on the property when levels exceed 0.5 mg/cm² based on the average of three XRF spectrum results of the sample tested, or 5,000 ppm by laboratory analysis. If it is other than a steel surface, then MPCA regulates the painted surfaces under MN Rules 7025.010 - 7025.0080, when surfaces are to be disturbed using abrasive blasting methods.

Please contact MEC directly if you have questions about any portion of this report or the lead-based paint inspection itself.

APPENDIX A

XRF TESTING DATA WITH LOCATION MAPS

SITE PLAN

INDEPENDENT SCHOOL DIST # 625
360 COLEBINE STREET
ST. PAUL, MINNESOTA

-55102-

MURRAY JUNIOR & SENIOR HIGH
1430 GRANTHAM STREET
ST. PAUL, MINNESOTA

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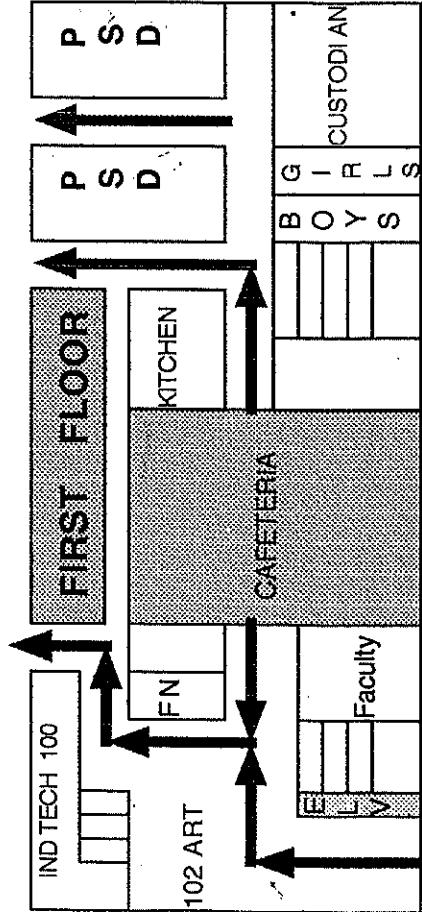
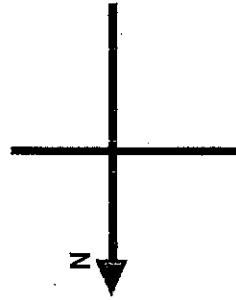
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ARCHITECT: PERSTEDT, HIRSH,
HALBERG & HOLD

DRAWN: 5-23-77 BY: OSPEM

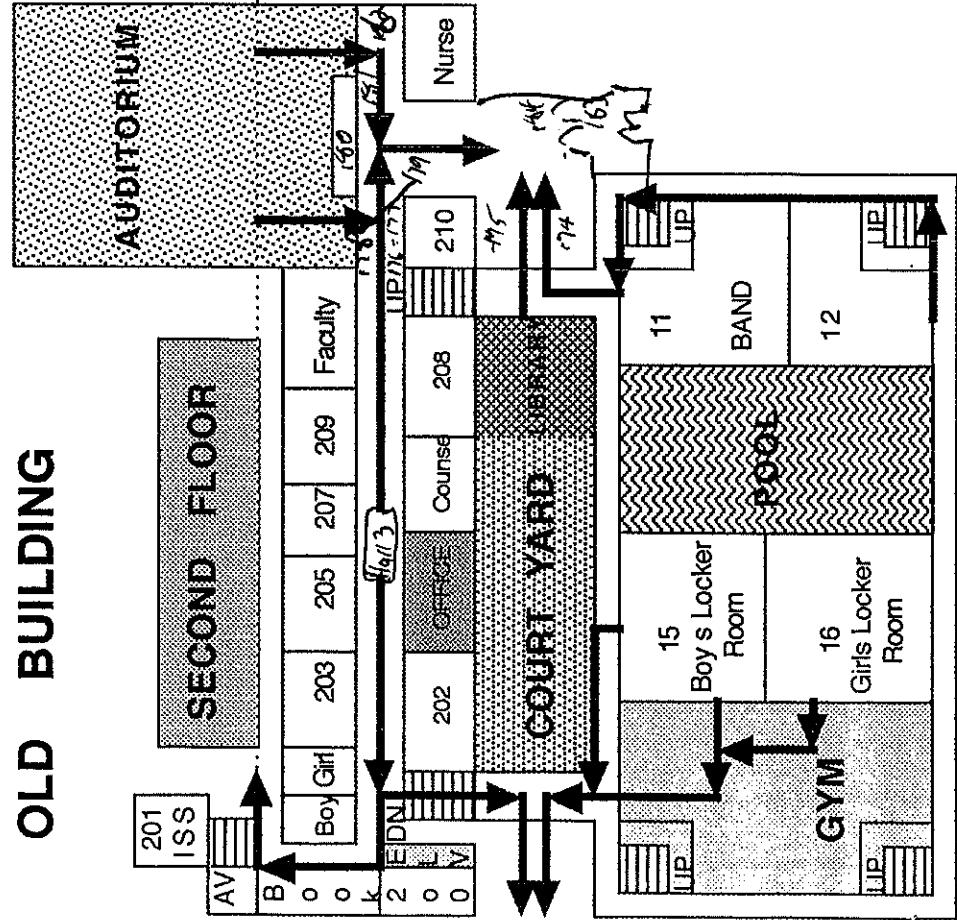
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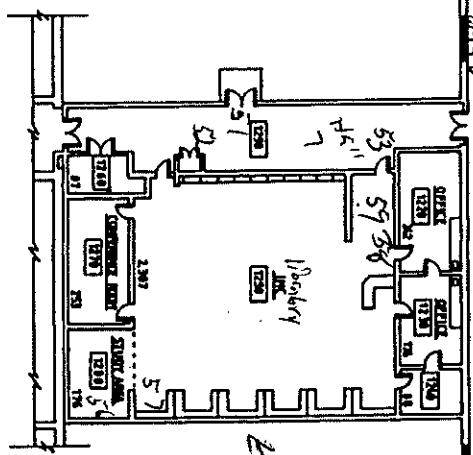
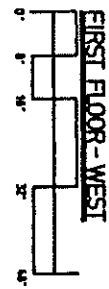
MURRAY JUNIOR HIGH SCHOOL
2260 Buford Ave St. Paul, MN 55108

FIRE EVACUATION

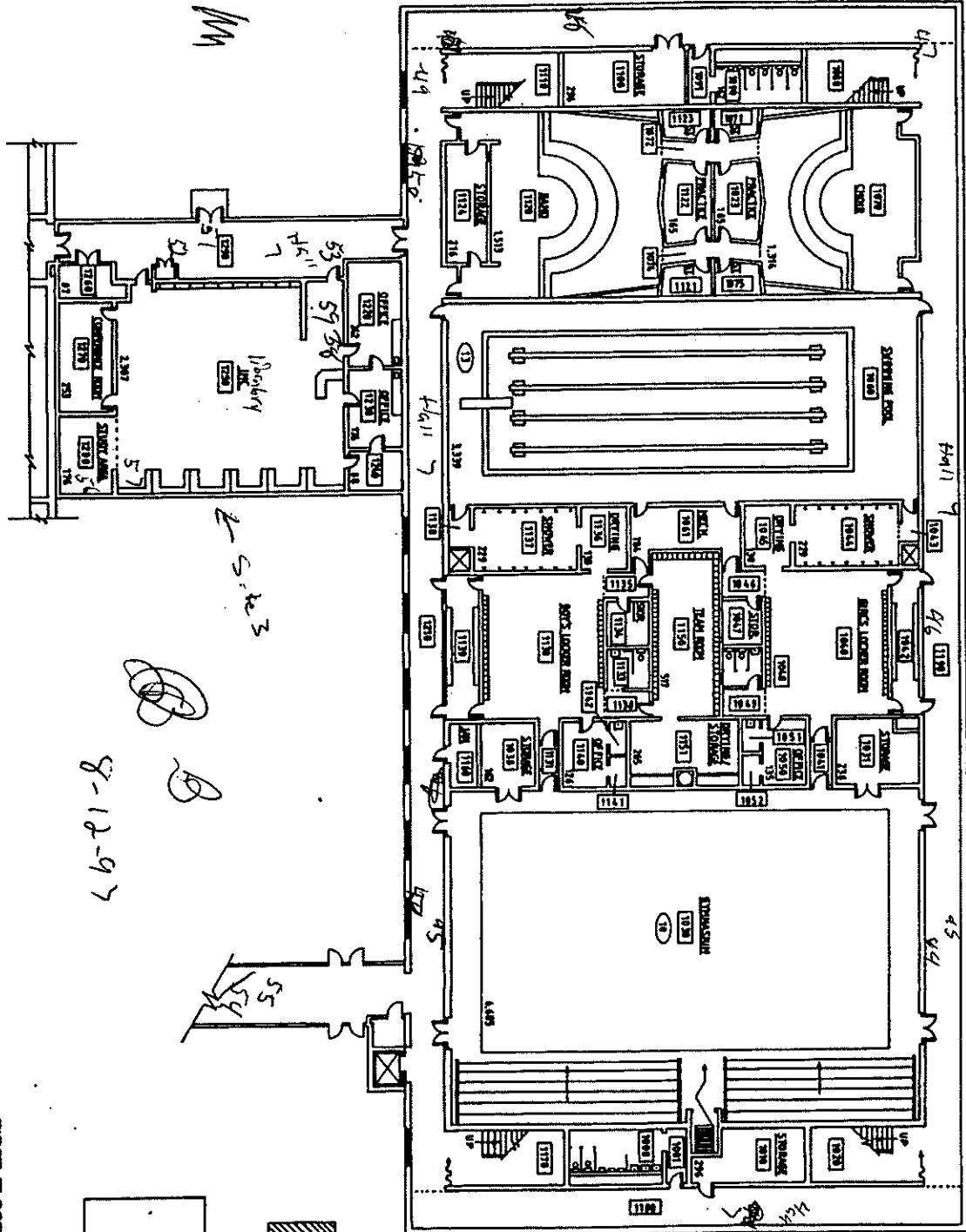
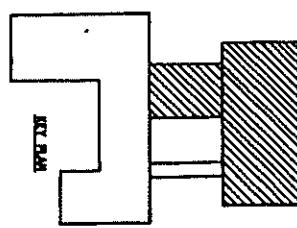


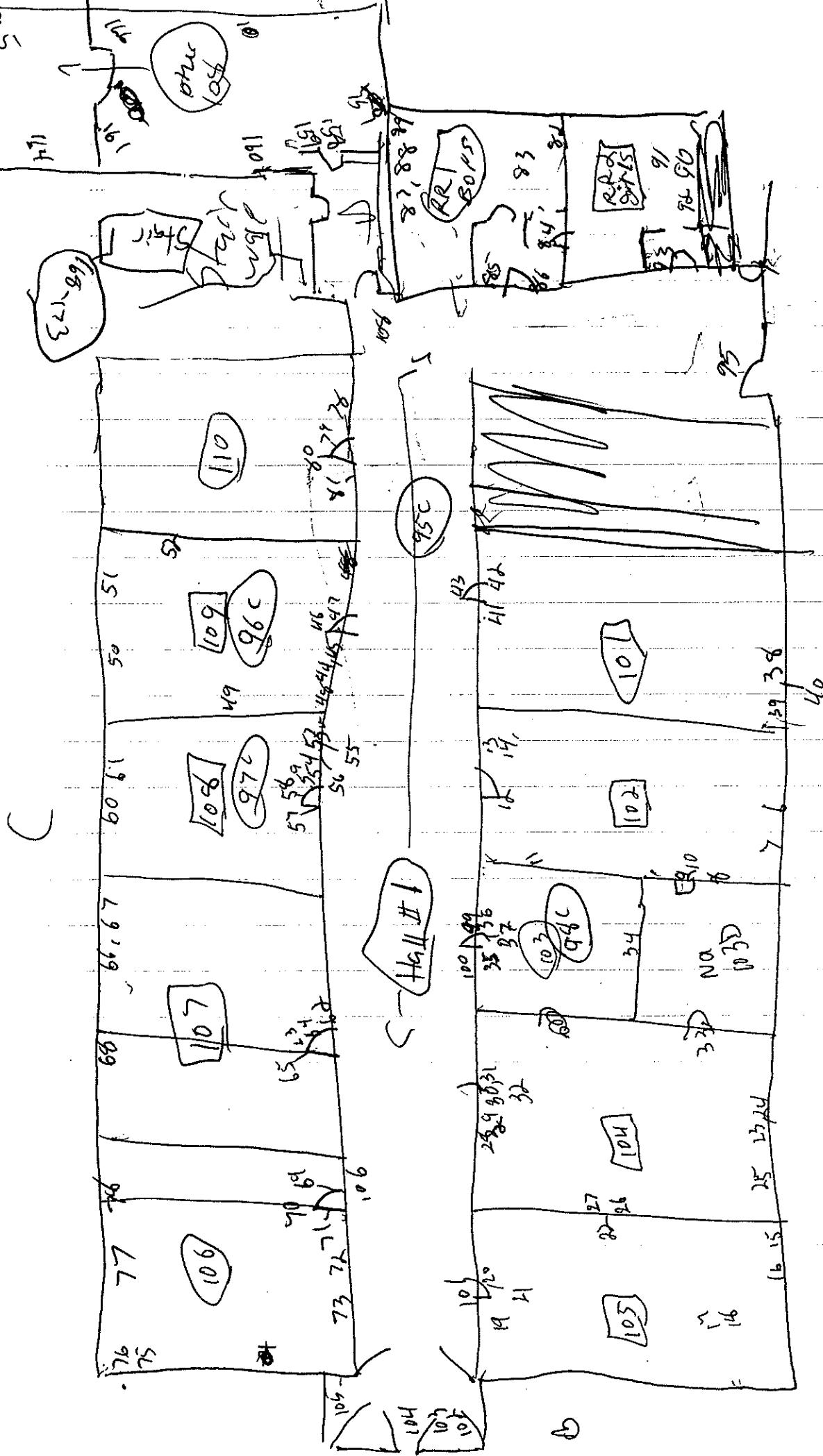
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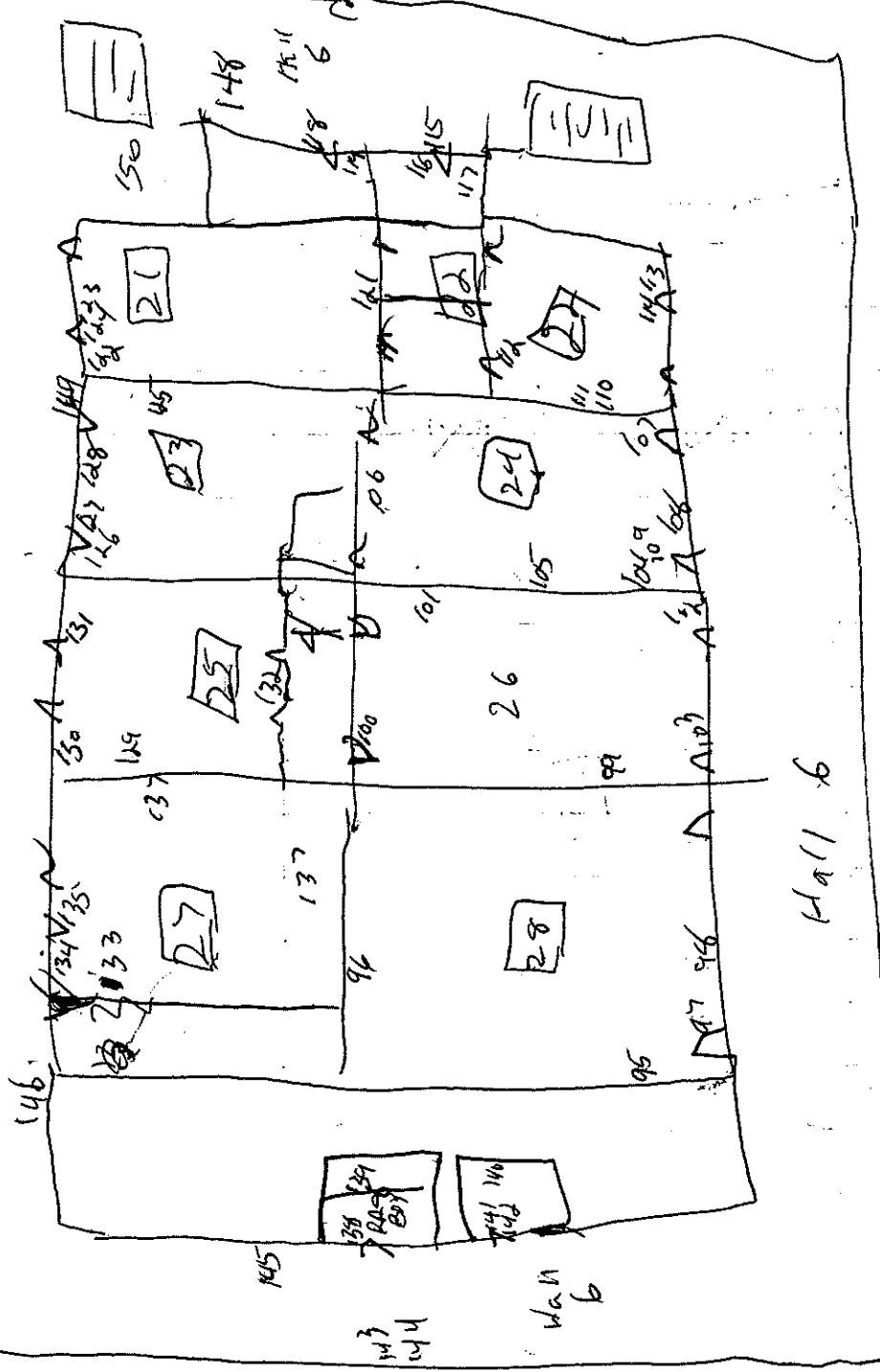
8-12-97





E 10

Hall 6

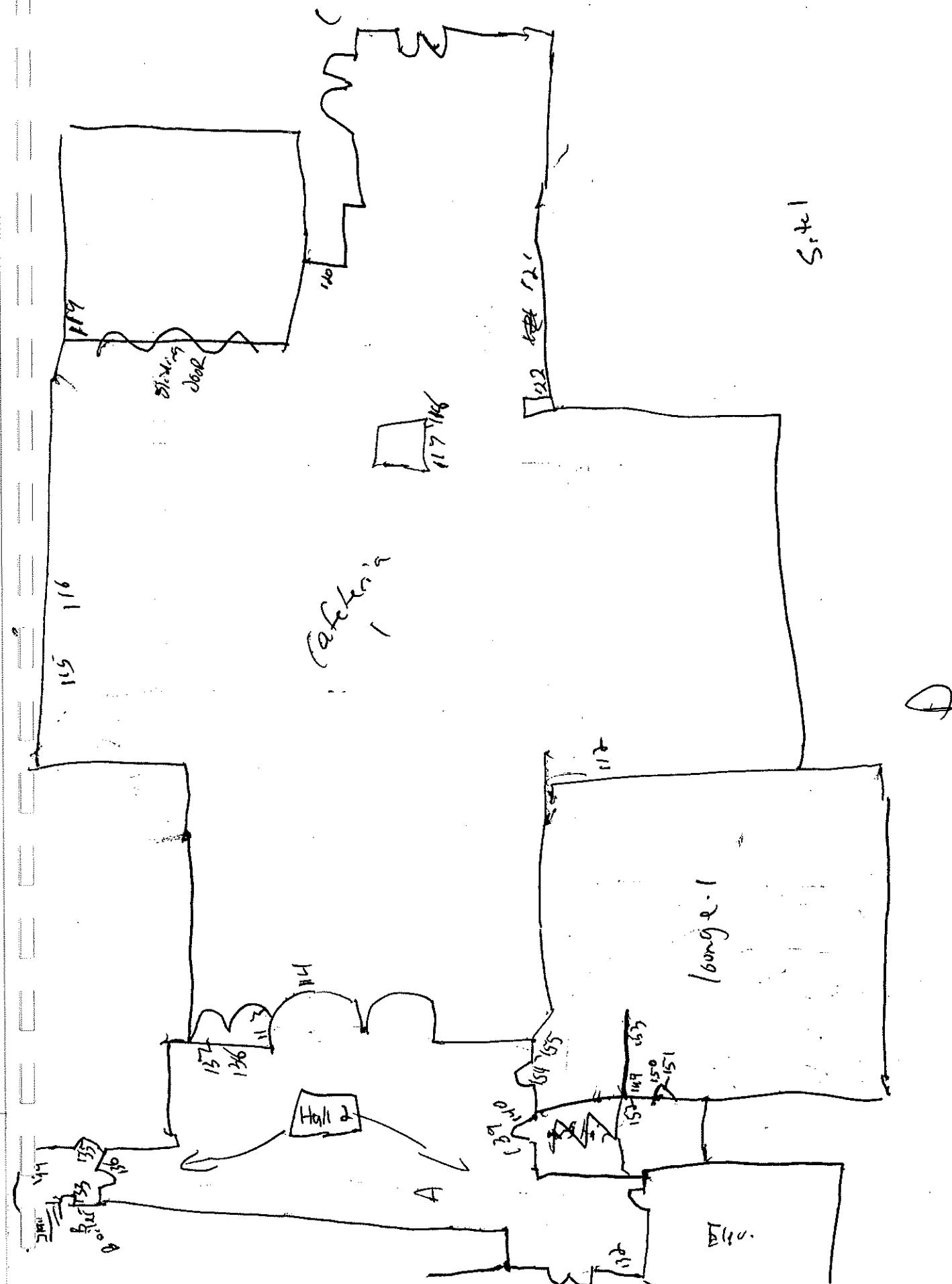


Hall 6

D

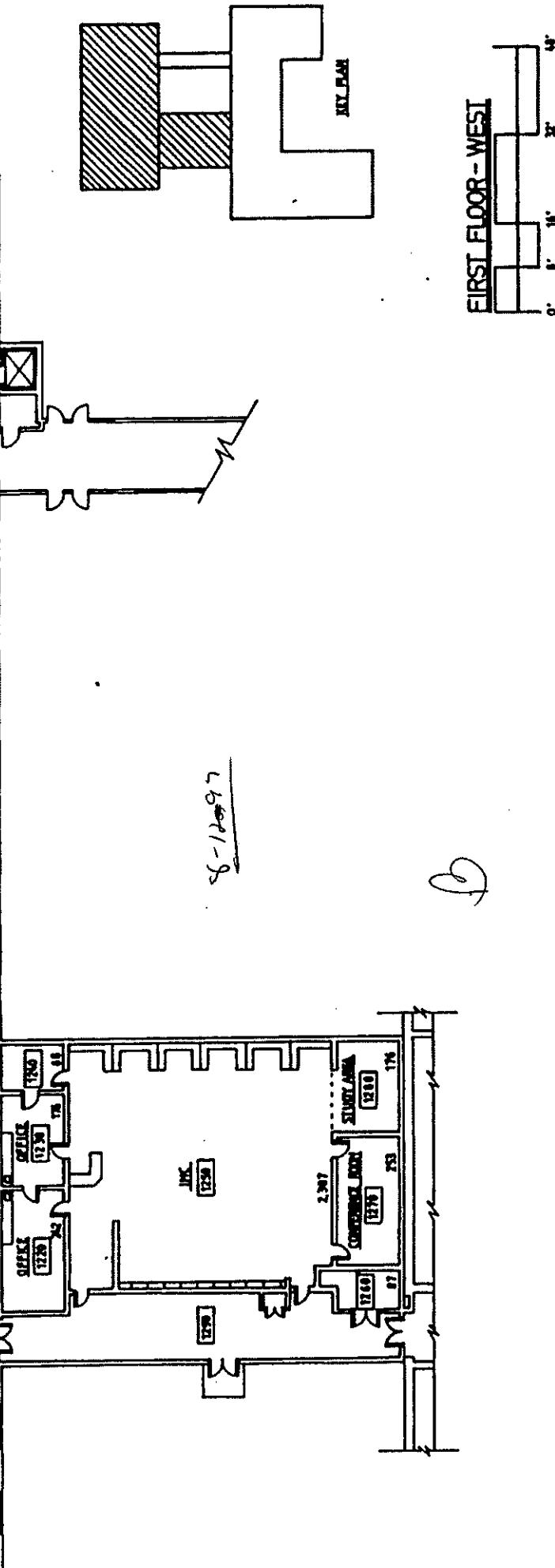
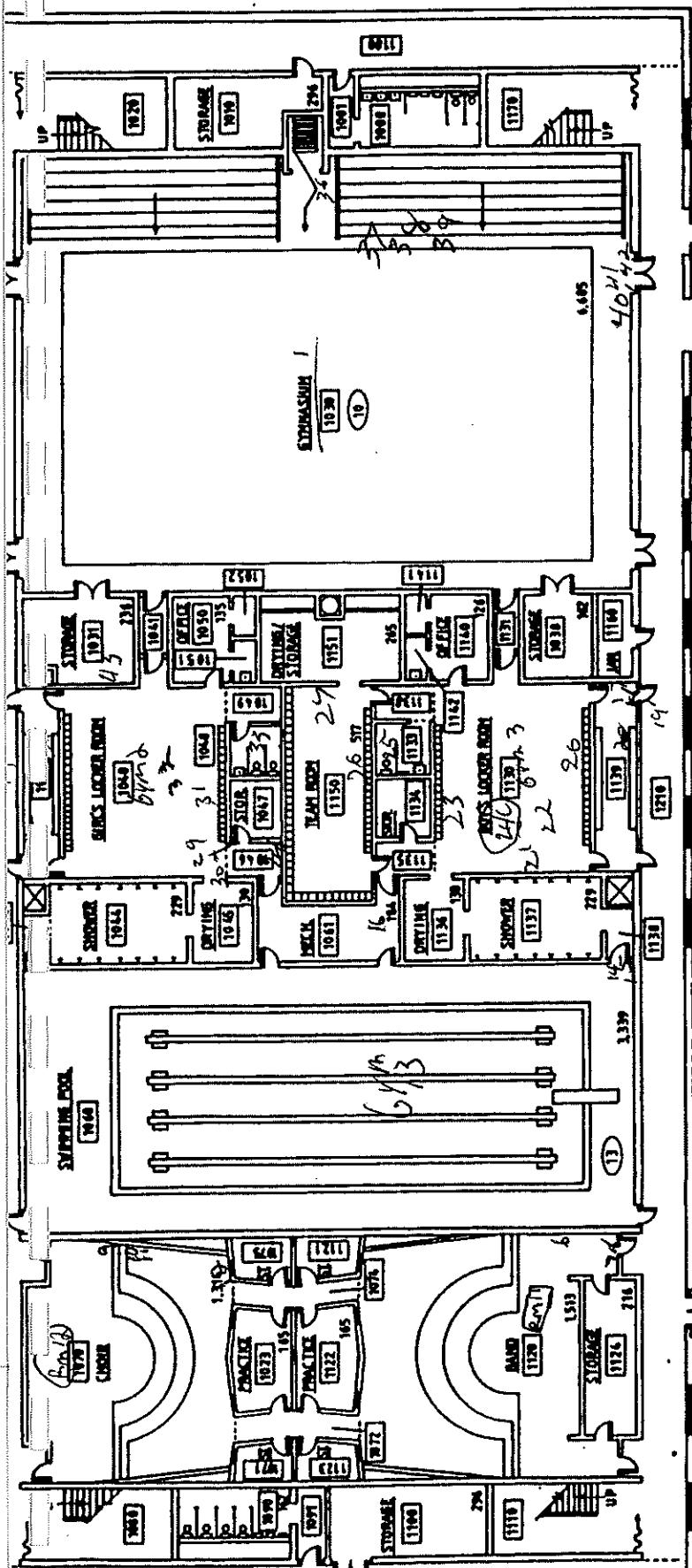
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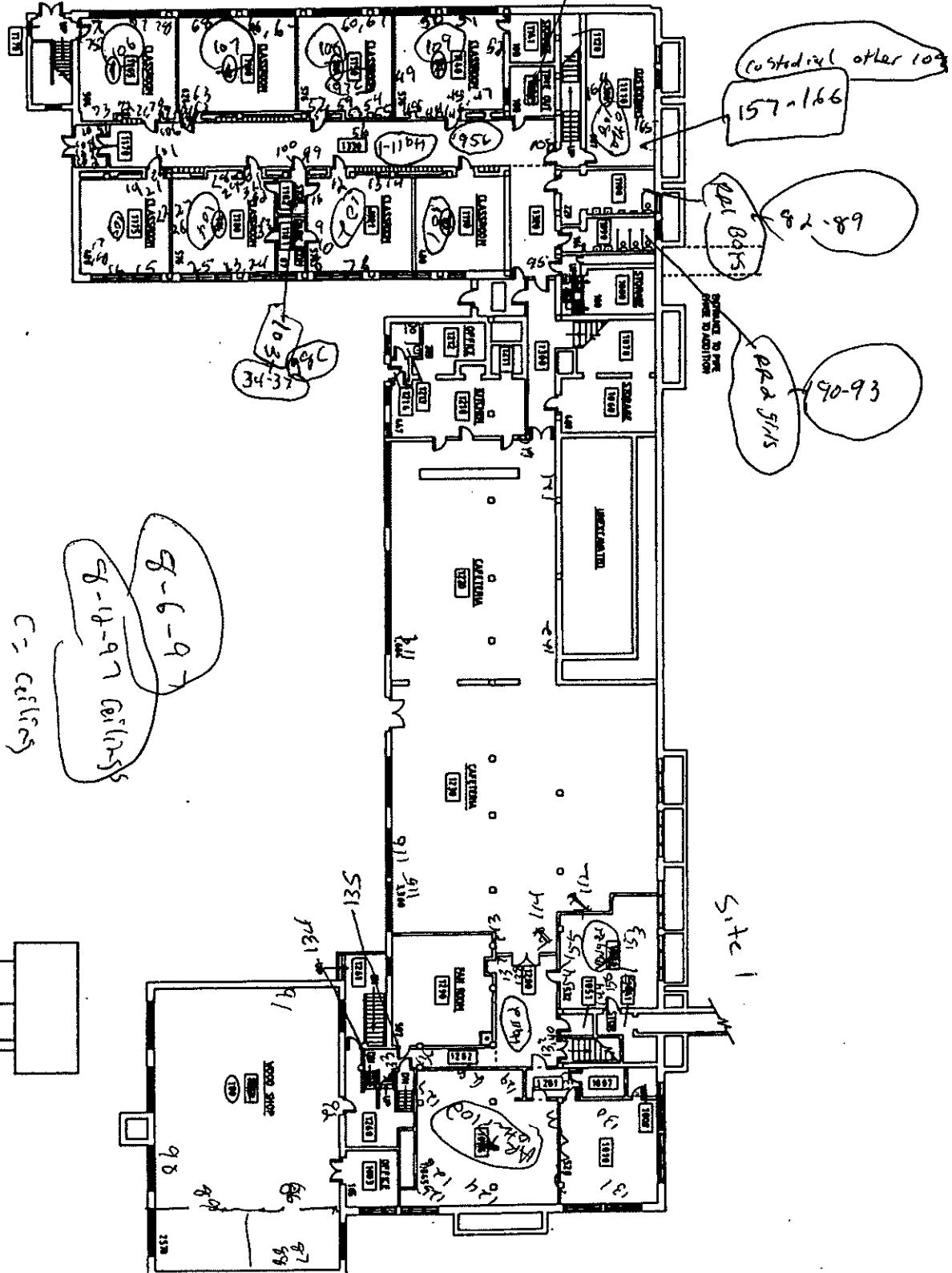
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Seite 2

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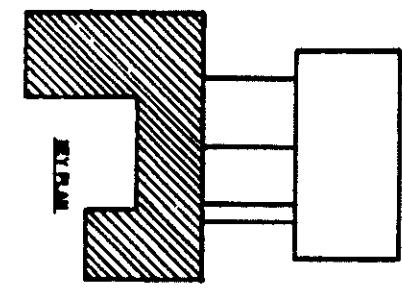
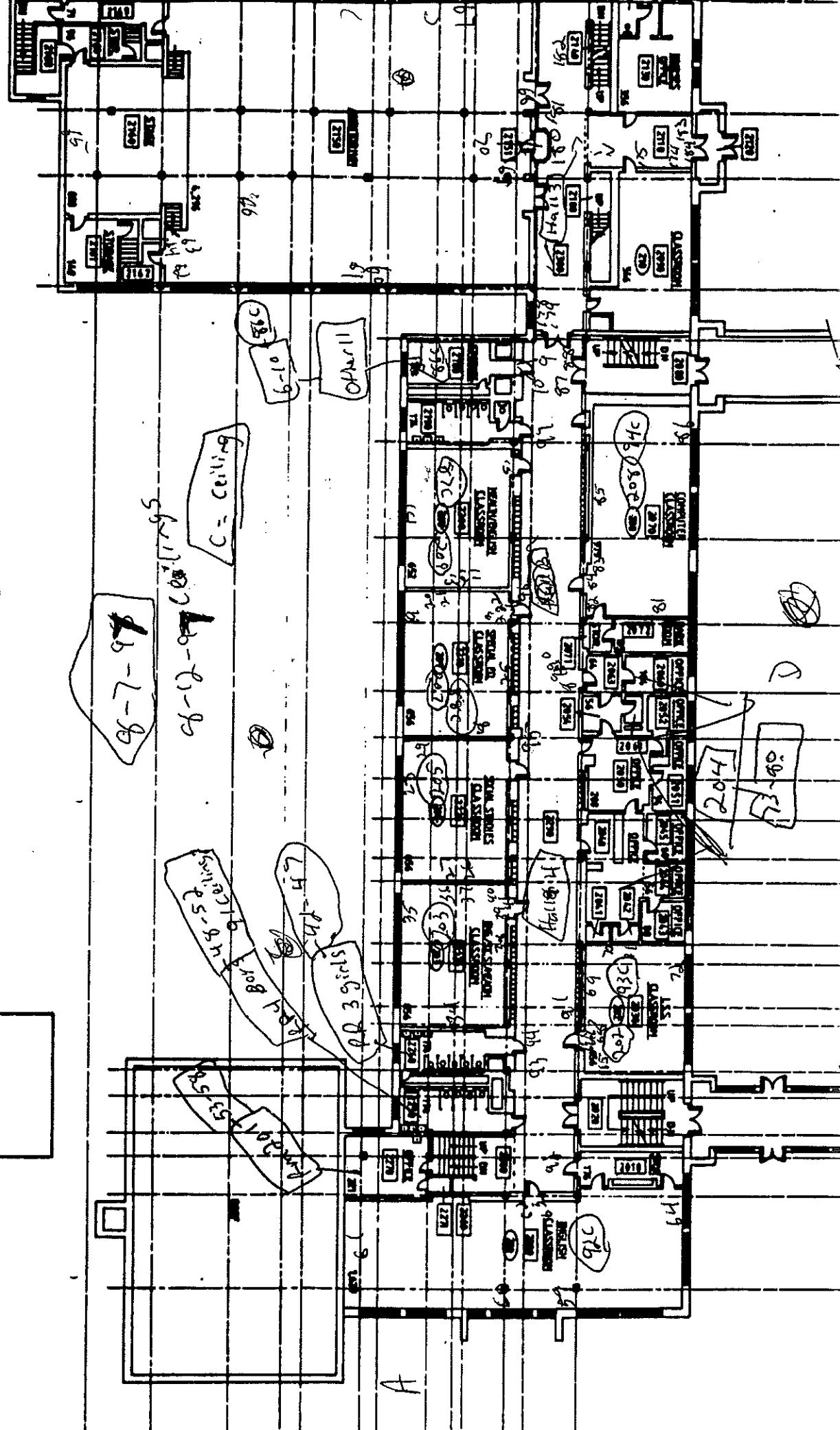




INDEPENDANT SCHOOL DIST. #825
360 COLBORNE STREET
ST. PAUL, MN 55102

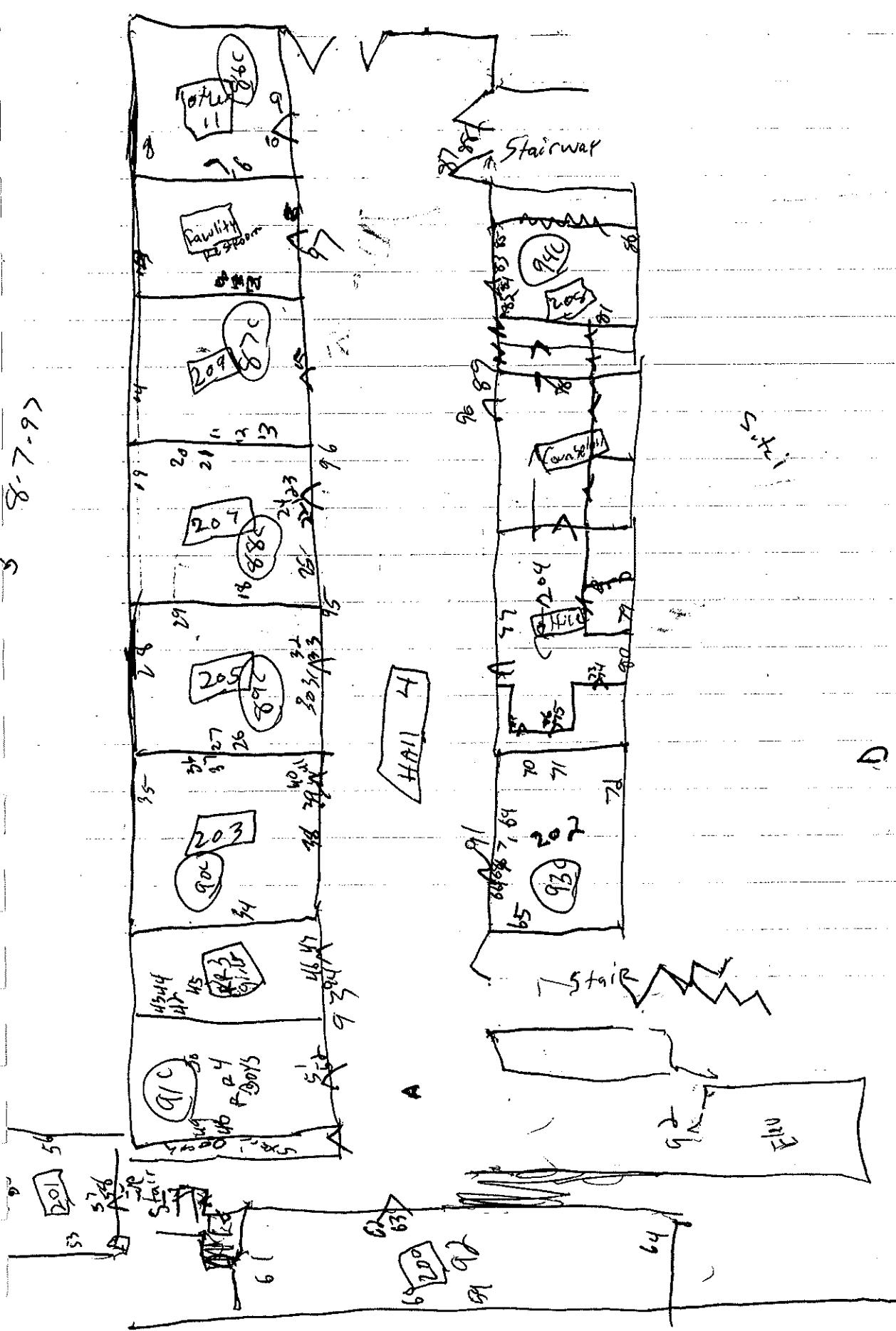
MURRAY JUNIOR HIGH
1450 GRANTHAM STREET
ST. PAUL, MINNESOTA 55108

CONSTRUCTED 1925, 30, 39, 63, 77



SECOND FLOOR E

8-7-97



(8)

(7)

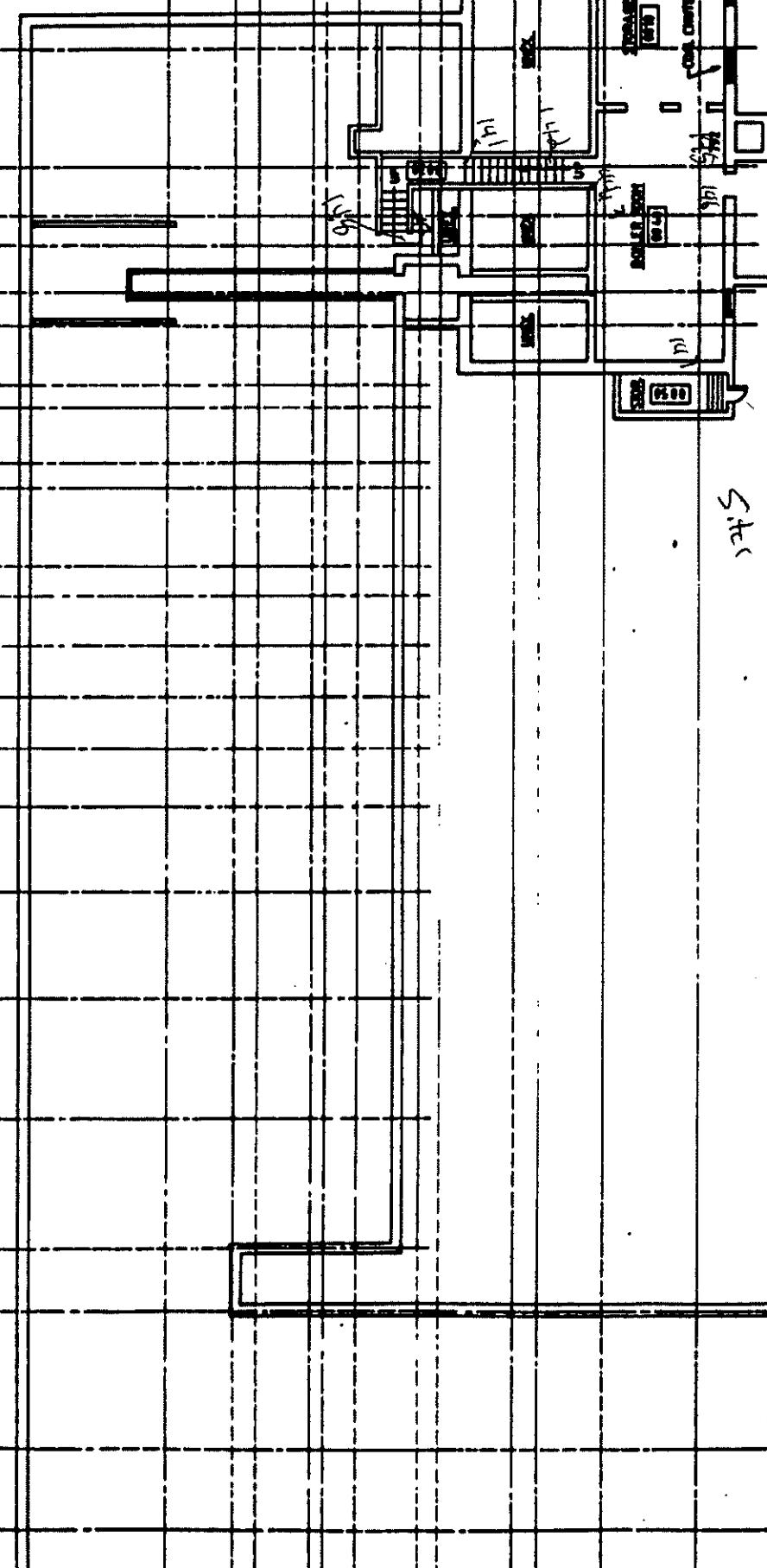
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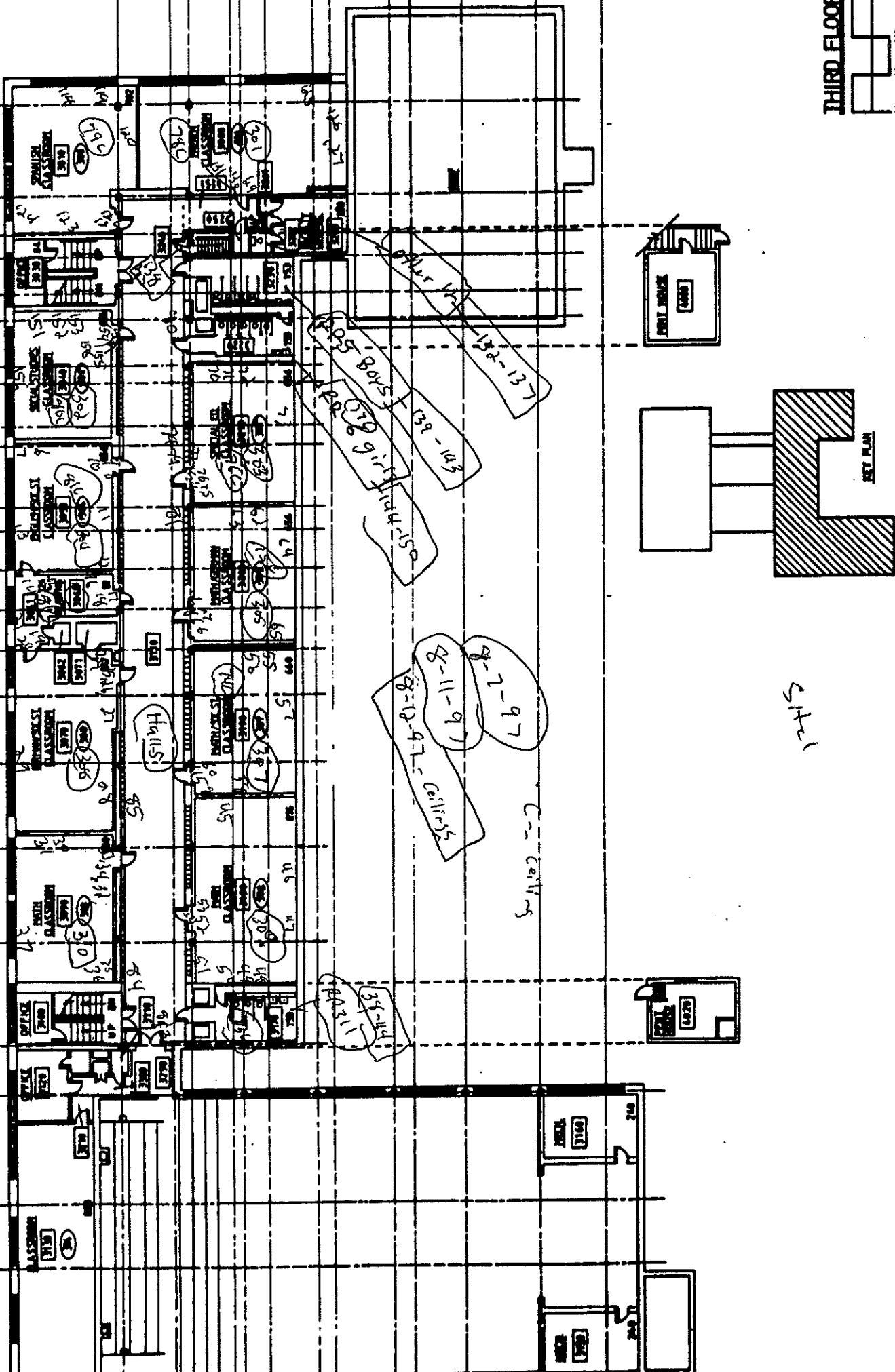
(4)

(3)

(2)



THIRD FLOOR PL



Saint Paul Public Schools
 Murray Junior High School
 Lead-Based Paint Inspection

	A	B	C	D	E	F	G	H	I	J	K	L
1	Murray Jr. High											
2												
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
4	1925, 1930, 1939 Bldgs.	60	XRF	8/12/97	1	Auditorium	1	Wall	Wall	Solid	Plaster	0.29
5	1925, 1930, 1939 Bldgs.	61	XRF	8/12/97	1	Auditorium	1		Radiator	Solid	Metal	0
6	1925, 1930, 1939 Bldgs.	62	XRF	8/12/97	1	Auditorium	1	Wall	Midle Wall	Peeling	Wood	0.21
7	1925, 1930, 1939 Bldgs.	63	XRF	8/12/97	1	Auditorium	1	Stairs	Hand rail	Solid	Wood	0.01
8	1925, 1930, 1939 Bldgs.	64	XRF	8/12/97	1	Auditorium	1	Stairs	Baseboard	Solid	Wood	0.02
9	1925, 1930, 1939 Bldgs.	65	XRF	8/12/97	1	Auditorium	1	Wall	Midle Wall	Solid	Concrete	0.17
10	1925, 1930, 1939 Bldgs.	66	XRF	8/12/97	1	Auditorium	1	Chair Rail		Peeling	Metal	0.78
11	1925, 1930, 1939 Bldgs.	67	XRF	8/12/97	1	Auditorium	1	Wall	Wall	Solid	Metal	0
12	1925, 1930, 1939 Bldgs.	68	XRF	8/12/97	1	Auditorium	1	Door	Door	Solid	Metal	0.48
13	1925, 1930, 1939 Bldgs.	69	XRF	8/12/97	1	Auditorium	1	Door	Door	Solid	Wood	0.77
14	1925, 1930, 1939 Bldgs.	70	XRF	8/12/97	1	Auditorium	1	Door	Casing	Solid	Metal	1.36
15	1925, 1930, 1939 Bldgs.	141	XRF	8/6/97	1	Boiler Room	1	Wall	Wall	Solid	Concrete	0.26
16	1925, 1930, 1939 Bldgs.	142	XRF	8/6/97	1	Boiler Room	1	Stairs	Hand rail	Peeling	Metal	2.9
17	1925, 1930, 1939 Bldgs.	143	XRF	8/6/97	1	Boiler Room	1	Door	Casing	Peeling	Metal	1.25
18	1925, 1930, 1939 Bldgs.	144	XRF	8/6/97	1	Boiler Room	1	Door	Door	Peeling	Metal	0.71
19	1925, 1930, 1939 Bldgs.	145	XRF	8/6/97	1	Boiler Room	1	Elevator Door		Peeling	Metal	0.07
20	1925, 1930, 1939 Bldgs.	146	XRF	8/6/97	1	Boiler Room	1	Door	Door	Peeling	Metal	1.01
21	1925, 1930, 1939 Bldgs.	147	XRF	8/6/97	1	Boiler Room	1	Wall	Wall	Peeling	Concrete	0.83
22	1925, 1930, 1939 Bldgs.	148	XRF	8/6/97	1	Boiler Room	1	Door	Door	Cracked	Wood	0.17
23	1925, 1930, 1939 Bldgs.	112	XRF	8/6/97	1	Cafeteria	1	Wall	Midle Wall	Solid	Drywall	0
24	1925, 1930, 1939 Bldgs.	113	XRF	8/6/97	1	Cafeteria	1	Door	Casing	Solid	Metal	0.03
25	1925, 1930, 1939 Bldgs.	114	XRF	8/6/97	1	Cafeteria	1	Door	Door	Solid	Wood	0
26	1925, 1930, 1939 Bldgs.	115	XRF	8/6/97	1	Cafeteria	1		Radiator	Solid	Metal	0
27	1925, 1930, 1939 Bldgs.	116	XRF	8/6/97	1	Cafeteria	1	Wall	Wall	Solid	Plaster	0
28	1925, 1930, 1939 Bldgs.	117	XRF	8/6/97	1	Cafeteria	1	Wall	Wall	Solid	Drywall	0
29	1925, 1930, 1939 Bldgs.	118	XRF	8/6/97	1	Cafeteria	1	Wall	Chair rail	Solid	Wood	0
30	1925, 1930, 1939 Bldgs.	119	XRF	8/6/97	1	Cafeteria	1	Wall	Mural	Solid	Plaster	0.04
31	1925, 1930, 1939 Bldgs.	120	XRF	8/6/97	1	Cafeteria	1	Wall	Mural	Solid	Drywall	0.01
32	1925, 1930, 1939 Bldgs.	121	XRF	8/6/97	1	Cafeteria	1	Wall	Midle Wall	Peeling	Plaster	0.53
33	1925, 1930, 1939 Bldgs.	122	XRF	8/6/97	1	Cafeteria	1	Stairs	Hand rail	Solid	Metal	4.07
34	1925, 1930, 1939 Bldgs.	123	XRF	8/6/97	1	Cafeteria	1	Wall	Wall Rgstr	Solid	Metal	0
35	1925, 1930, 1939 Bldgs.	86	XRF	8/11/97	1	Classroom	100	Door	Casing	Solid	Wood	0
36	1925, 1930, 1939 Bldgs.	87	XRF	8/11/97	1	Classroom	100	Door	Casing	Solid	Metal	0.64
37	1925, 1930, 1939 Bldgs.	88	XRF	8/11/97	1	Classroom	100	Door	Door	Solid	Wood	0.35
38	1925, 1930, 1939 Bldgs.	89	XRF	8/11/97	1	Classroom	100	Wall	Midle Wall	Solid	Wood	0
39	1925, 1930, 1939 Bldgs.	90	XRF	8/11/97	1	Classroom	100	Wall	Wall	Solid	Plaster	0.04
40	1925, 1930, 1939 Bldgs.	91	XRF	8/11/97	1	Classroom	100		Locker	Solid	Metal	0.02
41	1925, 1930, 1939 Bldgs.	92	XRF	8/11/97	1	Classroom	100	Wall	Midle Wall	Solid	Plaster	0.01
42	1925, 1930, 1939 Bldgs.	93	XRF	8/11/97	1	Classroom	100	Door	Casing	Solid	Metal	0
43	1925, 1930, 1939 Bldgs.	94	XRF	8/11/97	1	Classroom	100	Door	Door	Solid	Metal	0
44	1925, 1930, 1939 Bldgs.	6	XRF	8/6/97	1	Classroom	102		Radiator	Solid	Metal	0.15
45	1925, 1930, 1939 Bldgs.	7	XRF	8/6/97	1	Classroom	102	Window	Stool	Solid	Wood	0.18
46	1925, 1930, 1939 Bldgs.	8	XRF	8/6/97	1	Classroom	102	Chair Rail		Cracked	Wood	0.01
47	1925, 1930, 1939 Bldgs.	9	XRF	8/6/97	1	Classroom	102	Door	Casing	Solid	Wood	0
48	1925, 1930, 1939 Bldgs.	10	XRF	8/6/97	1	Classroom	102	Door	Door	Solid	Wood	0
49	1925, 1930, 1939 Bldgs.	11	XRF	8/6/97	1	Classroom	102	Wall	Midle Wall	Cracked	Plaster	0.17
50	1925, 1930, 1939 Bldgs.	12	XRF	8/6/97	1	Classroom	102	Wall	Midle Wall	Solid	Plaster	0.18
51	1925, 1930, 1939 Bldgs.	13	XRF	8/6/97	1	Classroom	102	Cabinet	Door	Solid	Wood	0.01
52	1925, 1930, 1939 Bldgs.	14	XRF	8/6/97	1	Classroom	102	Wall	Wall Rgstr	Solid	Metal	0.03
53	1925, 1930, 1939 Bldgs.	23	XRF	8/6/97	1	Classroom	104	Wall	Midle Wall	Solid	Plaster	0
54	1925, 1930, 1939 Bldgs.	24	XRF	8/6/97	1	Classroom	104		Radiator	Solid	Metal	0.03
55	1925, 1930, 1939 Bldgs.	25	XRF	8/6/97	1	Classroom	104	Window	Stool	Solid	Wood	0.11
56	1925, 1930, 1939 Bldgs.	26	XRF	8/6/97	1	Classroom	104	Wall	Mural	Solid	Plaster	0.14
57	1925, 1930, 1939 Bldgs.	27	XRF	8/6/97	1	Classroom	104	Wall	Mural	Solid	Plaster	0.04
58	1925, 1930, 1939 Bldgs.	28	XRF	8/6/97	1	Classroom	104	Cabinet	Door	Solid	Wood	0
59	1925, 1930, 1939 Bldgs.	29	XRF	8/6/97	1	Classroom	104	Closet	Casing	Solid	Wood	0
60	1925, 1930, 1939 Bldgs.	30	XRF	8/6/97	1	Classroom	104	Wall	Midle Wall	Solid	Plaster	0.18
61	1925, 1930, 1939 Bldgs.	31	XRF	8/6/97	1	Classroom	104	Door	Casing	Cracked	Wood	0
62	1925, 1930, 1939 Bldgs.	32	XRF	8/6/97	1	Classroom	104	Door	Door	Solid	Wood	0.04
63	1925, 1930, 1939 Bldgs.	33	XRF	8/6/97	1	Classroom	104	Door	Door	Cracked	Wood	0
64	1925, 1930, 1939 Bldgs.	15	XRF	8/6/97	1	Classroom	105	Wall	Midle Wall	Solid	Plaster	0.01

Saint Paul Public Schools
 Murray Junior High School
 Lead-Based Paint Inspection

A	B	C	D	E	F	G	H	I	J	K	L
Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
3	1925, 1930, 1939 Bldgs.	16	XRF	8/6/97	1 Classroom	105	Radiator	Peeling	Metal	0.33	
65	1925, 1930, 1939 Bldgs.	17	XRF	8/6/97	1 Classroom	105	Support Beam		Solid	Metal	5.09
66	1925, 1930, 1939 Bldgs.	18	XRF	8/6/97	1 Classroom	105	Wall	Wall	Solid	Wood	0
67	1925, 1930, 1939 Bldgs.	19	XRF	8/6/97	1 Classroom	105	Wall	Midle Wall	Solid	Plaster	0
68	1925, 1930, 1939 Bldgs.	20	XRF	8/6/97	1 Classroom	105	Door	Casing	Solid	Wood	0.03
70	1925, 1930, 1939 Bldgs.	21	XRF	8/6/97	1 Classroom	105	Door	Door	Solid	Wood	0
71	1925, 1930, 1939 Bldgs.	22	XRF	8/6/97	1 Classroom	105	Wall	Mural	Solid	Plaster	0.05
72	1925, 1930, 1939 Bldgs.	69	XRF	8/6/97	1 Classroom	106	Wall	Midle Wall	Solid	Plaster	0
73	1925, 1930, 1939 Bldgs.	70	XRF	8/6/97	1 Classroom	106	Door	Casing	Solid	Wood	0.07
74	1925, 1930, 1939 Bldgs.	71	XRF	8/6/97	1 Classroom	106	Door	Door	Solid	Wood	0.08
75	1925, 1930, 1939 Bldgs.	72	XRF	8/6/97	1 Classroom	106	Wall	Wall Rgstr	Solid	Metal	0.06
76	1925, 1930, 1939 Bldgs.	73	XRF	8/6/97	1 Classroom	106	Cabinet	Door	Solid	Wood	0
77	1925, 1930, 1939 Bldgs.	74	XRF	8/6/97	1 Classroom	106	Chalkboard	Rail	Solid	Wood	0
78	1925, 1930, 1939 Bldgs.	75	XRF	8/6/97	1 Classroom	106	Door	Casing	Solid	Metal	0.17
79	1925, 1930, 1939 Bldgs.	76	XRF	8/6/97	1 Classroom	106	Door	Door	Solid	Metal	0.17
80	1925, 1930, 1939 Bldgs.	77	XRF	8/6/97	1 Classroom	106		Radiator	Solid	Metal	0.12
81	1925, 1930, 1939 Bldgs.	62	XRF	8/6/97	1 Classroom	107	Wall	Midle Wall	Solid	Plaster	0.29
82	1925, 1930, 1939 Bldgs.	63	XRF	8/6/97	1 Classroom	107	Wall	Wall	Solid	Plaster	0.37
83	1925, 1930, 1939 Bldgs.	64	XRF	8/6/97	1 Classroom	107	Door	Casing	Solid	Wood	0.03
84	1925, 1930, 1939 Bldgs.	65	XRF	8/6/97	1 Classroom	107	Door	Door	Solid	Wood	0.01
85	1925, 1930, 1939 Bldgs.	66	XRF	8/6/97	1 Classroom	107	Window	Stool	Solid	Wood	0.27
86	1925, 1930, 1939 Bldgs.	67	XRF	8/6/97	1 Classroom	107		Radiator	Solid	Metal	0.17
87	1925, 1930, 1939 Bldgs.	68	XRF	8/6/97	1 Classroom	107		Radiator	Solid	Metal	0.06
88	1925, 1930, 1939 Bldgs.	53	XRF	8/6/97	1 Classroom	108	Wall	Wall	Cracked	Plaster	0.01
89	1925, 1930, 1939 Bldgs.	54	XRF	8/6/97	1 Classroom	108	Trim		Solid	Wood	0
90	1925, 1930, 1939 Bldgs.	55	XRF	8/6/97	1 Classroom	108	Cabinet	Door	Solid	Wood	0.02
91	1925, 1930, 1939 Bldgs.	56	XRF	8/6/97	1 Classroom	108	Wall	Wall Rgstr	Solid	Metal	0.26
92	1925, 1930, 1939 Bldgs.	57	XRF	8/6/97	1 Classroom	108	Wall	Midle Wall	Solid	Plaster	0.32
93	1925, 1930, 1939 Bldgs.	58	XRF	8/6/97	1 Classroom	108	Door	Casing	Solid	Wood	0.03
94	1925, 1930, 1939 Bldgs.	59	XRF	8/6/97	1 Classroom	108	Door	Door	Solid	Wood	0.03
95	1925, 1930, 1939 Bldgs.	60	XRF	8/6/97	1 Classroom	108	Window	Stool	Solid	Wood	0
96	1925, 1930, 1939 Bldgs.	61	XRF	8/6/97	1 Classroom	108		Radiator	Peeling	Metal	0.38
97	1925, 1930, 1939 Bldgs.	97	XRF	8/12/97	1 Classroom	108	Ceiling		Solid	Plaster	0.03
98	1925, 1930, 1939 Bldgs.	44	XRF	8/6/97	1 Classroom	109	Wall	Wall	Solid	Plaster	0.28
99	1925, 1930, 1939 Bldgs.	45	XRF	8/6/97	1 Classroom	109	Wall	Midle Wall	Solid	Plaster	0.18
100	1925, 1930, 1939 Bldgs.	46	XRF	8/6/97	1 Classroom	109	Door	Casing	Solid	Wood	0.01
101	1925, 1930, 1939 Bldgs.	47	XRF	8/6/97	1 Classroom	109	Door	Door	Solid	Wood	0.01
102	1925, 1930, 1939 Bldgs.	48	XRF	8/6/97	1 Classroom	109	Cabinet	Door	Solid	Wood	0
103	1925, 1930, 1939 Bldgs.	49	XRF	8/6/97	1 Classroom	109	Cabinet	Mural	Solid	Plaster	0.03
104	1925, 1930, 1939 Bldgs.	50	XRF	8/6/97	1 Classroom	109	Window	Stool	Cracked	Wood	0.06
105	1925, 1930, 1939 Bldgs.	51	XRF	8/6/97	1 Classroom	109		Radiator	Peeling	Metal	0
106	1925, 1930, 1939 Bldgs.	52	XRF	8/6/97	1 Classroom	109	Chalkboard	Rail	Solid	Wood	0.01
107	1925, 1930, 1939 Bldgs.	96	XRF	8/12/97	1 Classroom	109	Ceiling		Solid	Plaster	0.01
108	1925, 1930, 1939 Bldgs.	59	XRF	8/7/97	2 Classroom	200		Radiator	Peeling	Metal	0.02
109	1925, 1930, 1939 Bldgs.	60	XRF	8/7/97	2 Classroom	200	Wall	Baseboard	Solid	Wood	0.23
110	1925, 1930, 1939 Bldgs.	61	XRF	8/7/97	2 Classroom	200	Wall	Wall	Solid	Plaster	0
111	1925, 1930, 1939 Bldgs.	62	XRF	8/7/97	2 Classroom	200	Door	Casing	Solid	Wood	0
112	1925, 1930, 1939 Bldgs.	63	XRF	8/7/97	2 Classroom	200	Door	Door	Solid	Wood	0
113	1925, 1930, 1939 Bldgs.	64	XRF	8/7/97	2 Classroom	200	Wall	Wall	Solid	Plaster	0
114	1925, 1930, 1939 Bldgs.	92	XRF	8/12/97	2 Classroom	200	Ceiling		Solid	Plaster	0.03
115	1925, 1930, 1939 Bldgs.	88	XRF	8/12/97	2 Classroom	201	Ceiling		Solid	Plaster	0.01
116	1925, 1930, 1939 Bldgs.	93	XRF	8/12/97	2 Classroom	202	Ceiling		Solid	Plaster	0.01
117	1925, 1930, 1939 Bldgs.	34	XRF	8/7/97	2 Classroom	203	Wall	Wall	Solid	Plaster	5.09
118	1925, 1930, 1939 Bldgs.	35	XRF	8/7/97	2 Classroom	203		Radiator	Peeling	Metal	5.09
119	1925, 1930, 1939 Bldgs.	36	XRF	8/7/97	2 Classroom	203	Chalkboard	Rail	Solid	Wood	0
120	1925, 1930, 1939 Bldgs.	37	XRF	8/7/97	2 Classroom	203	Wall	Baseboard	Solid	Wood	0.04
121	1925, 1930, 1939 Bldgs.	38	XRF	8/7/97	2 Classroom	203	Cabinet	Door	Solid	Wood	0.03
122	1925, 1930, 1939 Bldgs.	39	XRF	8/7/97	2 Classroom	203	Wall	Midle Wall	Solid	Plaster	1.45
123	1925, 1930, 1939 Bldgs.	40	XRF	8/7/97	2 Classroom	203	Door	Casing	Solid	Wood	0.03
124	1925, 1930, 1939 Bldgs.	41	XRF	8/7/97	2 Classroom	203	Door	Door	Solid	Wood	0.07
125	1925, 1930, 1939 Bldgs.	90	XRF	8/12/97	2 Classroom	203	Ceiling		Solid	Plaster	0.03
126	1925, 1930, 1939 Bldgs.	26	XRF	8/7/97	2 Classroom	205	Chalkboard	Rail	Solid	Wood	0.03
127	1925, 1930, 1939 Bldgs.	27	XRF	8/7/97	2 Classroom	205	Wall	Baseboard	Solid	Wood	0.11

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3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
128	1925, 1930, 1939 Bldgs.	28	XRF	8/7/97	2	Classroom	205	Radiator	Solid	Metal		5.09
129	1925, 1930, 1939 Bldgs.	29	XRF	8/7/97	2	Classroom	205	Wall	Wall	Solid	Plaster	5.09
130	1925, 1930, 1939 Bldgs.	30	XRF	8/7/97	2	Classroom	205	Cabinet	Door	Solid	Wood	0.03
131	1925, 1930, 1939 Bldgs.	31	XRF	8/7/97	2	Classroom	205	Wall	Midle Wall	Solid	Plaster	5.09
132	1925, 1930, 1939 Bldgs.	32	XRF	8/7/97	2	Classroom	205	Door	Casing	Solid	Wood	0
133	1925, 1930, 1939 Bldgs.	33	XRF	8/7/97	2	Classroom	205	Door	Door	Solid	Wood	0.09
134	1925, 1930, 1939 Bldgs.	89	XRF	8/12/97	2	Classroom	205	Celling		Solid	Plaster	0.01
135	1925, 1930, 1939 Bldgs.	18	XRF	8/7/97	2	Classroom	207	Chalkboard	Rail	Solid	Wood	0.04
136	1925, 1930, 1939 Bldgs.	19	XRF	8/7/97	2	Classroom	207		Radiator	Solid	Metal	0
137	1925, 1930, 1939 Bldgs.	20	XRF	8/7/97	2	Classroom	207	Wall	Wall	Solid	Plaster	4
138	1925, 1930, 1939 Bldgs.	21	XRF	8/7/97	2	Classroom	207	Wall	Baseboard	Solid	Metal	5.09
139	1925, 1930, 1939 Bldgs.	22	XRF	8/7/97	2	Classroom	207	Wall	Midle Wall	Solid	Plaster	4.15
140	1925, 1930, 1939 Bldgs.	23	XRF	8/7/97	2	Classroom	207	Door	Casing	Solid	Wood	0.03
141	1925, 1930, 1939 Bldgs.	24	XRF	8/7/97	2	Classroom	207	Door	Door	Solid	Wood	0.04
142	1925, 1930, 1939 Bldgs.	25	XRF	8/7/97	2	Classroom	207	Cabinet	Door	Solid	Wood	0.06
143	1925, 1930, 1939 Bldgs.	81	XRF	8/7/97	2	Classroom	208	Wall	Wall	Solid	Plaster	0.18
144	1925, 1930, 1939 Bldgs.	82	XRF	8/7/97	2	Classroom	208	Wall	Midle Wall	Solid	Plaster	5.09
145	1925, 1930, 1939 Bldgs.	83	XRF	8/7/97	2	Classroom	208	Door	Casing	Solid	Wood	0.04
146	1925, 1930, 1939 Bldgs.	84	XRF	8/7/97	2	Classroom	208	Door	Door	Solid	Wood	0.06
147	1925, 1930, 1939 Bldgs.	85	XRF	8/7/97	2	Classroom	208	Wall	Baseboard	Solid	Metal	5.09
148	1925, 1930, 1939 Bldgs.	86	XRF	8/7/97	2	Classroom	208		Radiator	Solid	Metal	0.05
149	1925, 1930, 1939 Bldgs.	94	XRF	8/12/97	2	Classroom	208	Celling		Solid	Plaster	0.03
150	1925, 1930, 1939 Bldgs.	11	XRF	8/7/97	2	Classroom	209	Chalkboard	Rail	Solid	Wood	0.02
151	1925, 1930, 1939 Bldgs.	12	XRF	8/7/97	2	Classroom	209	Wall	Wall	Solid	Plaster	3.11
152	1925, 1930, 1939 Bldgs.	13	XRF	8/7/97	2	Classroom	209	Wall	Baseboard	Solid	Metal	5.09
153	1925, 1930, 1939 Bldgs.	14	XRF	8/7/97	2	Classroom	209		Radiator	Solid	Metal	0.05
154	1925, 1930, 1939 Bldgs.	15	XRF	8/7/97	2	Classroom	209	Wall	Midle Wall	Solid	Plaster	2.37
155	1925, 1930, 1939 Bldgs.	16	XRF	8/7/97	2	Classroom	209	Door	Casing	Solid	Wood	0.05
156	1925, 1930, 1939 Bldgs.	17	XRF	8/7/97	2	Classroom	209	Door	Door	Solid	Wood	0.05
157	1925, 1930, 1939 Bldgs.	87	XRF	8/12/97	2	Classroom	209	Ceiling		Solid	Plaster	0.05
158	1925, 1930, 1939 Bldgs.	118	XRF	8/7/97	3	Classroom	300	Wall	Wall	Solid	Metal	0.21
159	1925, 1930, 1939 Bldgs.	119	XRF	8/7/97	3	Classroom	300	Wall	Baseboard	Solid	Wood	0.06
160	1925, 1930, 1939 Bldgs.	120	XRF	8/7/97	3	Classroom	300	Cabinet	Door	Solid	Wood	0.07
161	1925, 1930, 1939 Bldgs.	121	XRF	8/7/97	3	Classroom	300	Door	Door	Solid	Wood	0
162	1925, 1930, 1939 Bldgs.	122	XRF	8/7/97	3	Classroom	300	Door	Casing	Solid	Metal	0
163	1925, 1930, 1939 Bldgs.	123	XRF	8/7/97	3	Classroom	300	Chalkboard	Rail	Solid	Wood	0.03
164	1925, 1930, 1939 Bldgs.	124	XRF	8/7/97	3	Classroom	300	Wall	Wall	Solid	Plaster	0.12
165	1925, 1930, 1939 Bldgs.	79	XRF	8/12/97	3	Classroom	300	Ceiling		Solid	Plaster	0.03
166	1925, 1930, 1939 Bldgs.	125	XRF	8/7/97	3	Classroom	301		Radiator	Solid	Metal	0
167	1925, 1930, 1939 Bldgs.	126	XRF	8/7/97	3	Classroom	301		Radiator	Solid	Wood	0
168	1925, 1930, 1939 Bldgs.	127	XRF	8/7/97	3	Classroom	301	Wall	Wall	Solid	Plaster	4.46
169	1925, 1930, 1939 Bldgs.	128	XRF	8/7/97	3	Classroom	301	Cabinet	Door	Solid	Wood	0.08
170	1925, 1930, 1939 Bldgs.	129	XRF	8/7/97	3	Classroom	301	Wall	Midle Wall	Solid	Plaster	2.29
171	1925, 1930, 1939 Bldgs.	130	XRF	8/7/97	3	Classroom	301	Door	Casing	Solid	Wood	0.04
172	1925, 1930, 1939 Bldgs.	131	XRF	8/7/97	3	Classroom	301	Door	Door	Solid	Wood	0.1
173	1925, 1930, 1939 Bldgs.	78	XRF	8/12/97	3	Classroom	301	Ceiling		Solid	Plaster	0.01
174	1925, 1930, 1939 Bldgs.	151	XRF	8/7/97	3	Classroom	302	Chalkboard	Rail	Solid	Wood	0.03
175	1925, 1930, 1939 Bldgs.	152	XRF	8/7/97	3	Classroom	302	Wall	Wall	Solid	Plaster	5.09
176	1925, 1930, 1939 Bldgs.	153	XRF	8/7/97	3	Classroom	302	Wall	Baseboard	Solid	Wood	0.05
177	1925, 1930, 1939 Bldgs.	154	XRF	8/7/97	3	Classroom	302	Wall	Midle Wall	Solid	Plaster	2.06
178	1925, 1930, 1939 Bldgs.	155	XRF	8/7/97	3	Classroom	302	Cabinet	Door	Solid	Wood	0.04
179	1925, 1930, 1939 Bldgs.	156	XRF	8/7/97	3	Classroom	302		Radiator	Peeling	Metal	0
180	1925, 1930, 1939 Bldgs.	157	XRF	8/7/97	3	Classroom	302	Door	Casing	Peeling	Wood	0.03
181	1925, 1930, 1939 Bldgs.	158	XRF	8/7/97	3	Classroom	302	Door	Door	Peeling	Wood	0.08
182	1925, 1930, 1939 Bldgs.	80	XRF	8/12/97	3	Classroom	302	Ceiling		Solid	Plaster	0.01
183	1925, 1930, 1939 Bldgs.	70	XRF	8/11/97	3	Classroom	303	Chalkboard	Rail	Solid	Wood	0.01
184	1925, 1930, 1939 Bldgs.	71	XRF	8/11/97	3	Classroom	303	Wall	Wall	Solid	Plaster	0.02
185	1925, 1930, 1939 Bldgs.	72	XRF	8/11/97	3	Classroom	303	Wall	Baseboard	Solid	Wood	0.05
186	1925, 1930, 1939 Bldgs.	73	XRF	8/11/97	3	Classroom	303		Radiator	Peeling	Metal	5.09
187	1925, 1930, 1939 Bldgs.	74	XRF	8/11/97	3	Classroom	303	Wall	Midle Wall	Solid	Plaster	1.94
188	1925, 1930, 1939 Bldgs.	75	XRF	8/11/97	3	Classroom	303	Door	Casing	Solid	Wood	0.04
189	1925, 1930, 1939 Bldgs.	76	XRF	8/11/97	3	Classroom	303	Door	Door	Solid	Wood	0.04
190	1925, 1930, 1939 Bldgs.	77	XRF	8/11/97	3	Classroom	303	Cabinet	Door	Solid	Wood	0.09

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191	1925, 1930, 1939 Bldgs.	6	XRF	8/11/97	3	Classroom	304	Chalkboard	Rail	Solid	Wood	0.02
192	1925, 1930, 1939 Bldgs.	7	XRF	8/11/97	3	Classroom	304	Wall	Wall	Solid	Plaster	5.09
193	1925, 1930, 1939 Bldgs.	8	XRF	8/11/97	3	Classroom	304	Wall	Midle Wall	Peeling	Plaster	2.31
194	1925, 1930, 1939 Bldgs.	9	XRF	8/11/97	3	Classroom	304	Door	Casing	Solid	Wood	0.03
195	1925, 1930, 1939 Bldgs.	10	XRF	8/11/97	3	Classroom	304	Door	Door	Solid	Wood	0.08
196	1925, 1930, 1939 Bldgs.	11	XRF	8/11/97	3	Classroom	304	Cabinet	Door	Solid	Wood	0.05
197	1925, 1930, 1939 Bldgs.	12	XRF	8/11/97	3	Classroom	304	Wall	Baseboard	Solid	Wood	0.08
198	1925, 1930, 1939 Bldgs.	13	XRF	8/11/97	3	Classroom	304		Radiator	Peeling	Metal	0.16
199	1925, 1930, 1939 Bldgs.	81	XRF	8/12/97	3	Classroom	304	Ceiling		Solid	Plaster	0
200	1925, 1930, 1939 Bldgs.	62	XRF	8/11/97	3	Classroom	305	Wall	Baseboard	Solid	Wood	0.13
201	1925, 1930, 1939 Bldgs.	63	XRF	8/11/97	3	Classroom	305	Wall	Wall	Solid	Plaster	5.09
202	1925, 1930, 1939 Bldgs.	64	XRF	8/11/97	3	Classroom	305		Radiator	Peeling	Metal	0.01
203	1925, 1930, 1939 Bldgs.	65	XRF	8/11/97	3	Classroom	305	Chalkboard	Rail	Solid	Wood	0.04
204	1925, 1930, 1939 Bldgs.	66	XRF	8/11/97	3	Classroom	305	Wall	Midle Wall	Solid	Plaster	1.25
205	1925, 1930, 1939 Bldgs.	67	XRF	8/11/97	3	Classroom	305	Door	Casing	Solid	Wood	0.05
206	1925, 1930, 1939 Bldgs.	68	XRF	8/11/97	3	Classroom	305	Door	Door	Solid	Wood	0.04
207	1925, 1930, 1939 Bldgs.	69	XRF	8/11/97	3	Classroom	305	Cabinet	Door	Solid	Wood	0.06
208	1925, 1930, 1939 Bldgs.	75	XRF	8/12/97	3	Classroom	305	Ceiling		Solid	Plaster	0
209	1925, 1930, 1939 Bldgs.	76	XRF	8/12/97	3	Classroom	305	Ceiling		Solid	Plaster	0.07
210	1925, 1930, 1939 Bldgs.	82	XRF	8/12/97	3	Classroom	306	Ceiling		Solid	Plaster	0
211	1925, 1930, 1939 Bldgs.	83	XRF	8/12/97	3	Classroom	306	Ceiling		Solid	Plaster	0.01
212	1925, 1930, 1939 Bldgs.	55	XRF	8/11/97	3	Classroom	307	Chalkboard	Rail	Solid	Wood	0.07
213	1925, 1930, 1939 Bldgs.	56	XRF	8/11/97	3	Classroom	307	Wall	Wall	Solid	Plaster	2.51
214	1925, 1930, 1939 Bldgs.	57	XRF	8/11/97	3	Classroom	307		Radiator	Solid	Metal	1.54
215	1925, 1930, 1939 Bldgs.	58	XRF	8/11/97	3	Classroom	307	Wall	Baseboard	Solid	Metal	5.09
216	1925, 1930, 1939 Bldgs.	59	XRF	8/11/97	3	Classroom	307	Wall	Midle Wall	Solid	Plaster	0.7
217	1925, 1930, 1939 Bldgs.	60	XRF	8/11/97	3	Classroom	307	Door	Casing	Solid	Wood	0.05
218	1925, 1930, 1939 Bldgs.	61	XRF	8/11/97	3	Classroom	307	Door	Door	Solid	Wood	0.06
219	1925, 1930, 1939 Bldgs.	74	XRF	8/12/97	3	Classroom	307	Ceiling		Solid	Plaster	0
220	1925, 1930, 1939 Bldgs.	22	XRF	8/11/97	3	Classroom	308	Wall	Wall	Solid	Plaster	3.85
221	1925, 1930, 1939 Bldgs.	23	XRF	8/11/97	3	Classroom	308	Wall	Baseboard	Solid	Metal	5.09
222	1925, 1930, 1939 Bldgs.	24	XRF	8/11/97	3	Classroom	308	Wall	Midle Wall	Solid	Plaster	3.99
223	1925, 1930, 1939 Bldgs.	25	XRF	8/11/97	3	Classroom	308	Door	Casing	Solid	Wood	0.04
224	1925, 1930, 1939 Bldgs.	26	XRF	8/11/97	3	Classroom	308	Door	Door	Solid	Wood	0.06
225	1925, 1930, 1939 Bldgs.	27	XRF	8/11/97	3	Classroom	308	Chalkboard	Rail	Solid	Wood	0.02
226	1925, 1930, 1939 Bldgs.	28	XRF	8/11/97	3	Classroom	308	Cabinet	Door	Solid	Wood	0.07
227	1925, 1930, 1939 Bldgs.	29	XRF	8/11/97	3	Classroom	308		Radiator	Cracked	Metal	0.72
228	1925, 1930, 1939 Bldgs.	45	XRF	8/11/97	3	Classroom	309	Cabinet	Door	Solid	Wood	0.05
229	1925, 1930, 1939 Bldgs.	46	XRF	8/11/97	3	Classroom	309		Radiator	Peeling	Metal	0.04
230	1925, 1930, 1939 Bldgs.	47	XRF	8/11/97	3	Classroom	309	Window	Stool	Solid	Wood	0
231	1925, 1930, 1939 Bldgs.	48	XRF	8/11/97	3	Classroom	309	Wall	Baseboard	Solid	Metal	5.09
232	1925, 1930, 1939 Bldgs.	49	XRF	8/11/97	3	Classroom	309	Wall	Wall	Solid	Plaster	0.05
233	1925, 1930, 1939 Bldgs.	50	XRF	8/11/97	3	Classroom	309	Chalkboard	Rail	Solid	Wood	0.01
234	1925, 1930, 1939 Bldgs.	51	XRF	8/11/97	3	Classroom	309	Chalkboard	Rail	Solid	Wood	0.01
235	1925, 1930, 1939 Bldgs.	52	XRF	8/11/97	3	Classroom	309	Wall	Midle Wall	Solid	Plaster	0.35
236	1925, 1930, 1939 Bldgs.	53	XRF	8/11/97	3	Classroom	309	Door	Casing	Solid	Wood	0.03
237	1925, 1930, 1939 Bldgs.	54	XRF	8/11/97	3	Classroom	309	Door	Door	Solid	Wood	0
238	1925, 1930, 1939 Bldgs.	30	XRF	8/11/97	3	Classroom	310	Wall	Wall	Solid	Plaster	0.13
239	1925, 1930, 1939 Bldgs.	31	XRF	8/11/97	3	Classroom	310	Chalkboard	Rail	Solid	Wood	0.01
240	1925, 1930, 1939 Bldgs.	32	XRF	8/11/97	3	Classroom	310	Wall	Midle Wall	Solid	Plaster	0.18
241	1925, 1930, 1939 Bldgs.	33	XRF	8/11/97	3	Classroom	310	Door	Casing	Solid	Wood	0.07
242	1925, 1930, 1939 Bldgs.	34	XRF	8/11/97	3	Classroom	310	Door	Door	Solid	Wood	0.07
243	1925, 1930, 1939 Bldgs.	35	XRF	8/11/97	3	Classroom	310	Cabinet	Door	Solid	Wood	0.05
244	1925, 1930, 1939 Bldgs.	36	XRF	8/11/97	3	Classroom	310	Wall	Baseboard	Solid	Metal	5.09
245	1925, 1930, 1939 Bldgs.	37	XRF	8/11/97	3	Classroom	310		Radiator	Solid	Metal	0.3
246	1925, 1930, 1939 Bldgs.	84	XRF	8/12/97	3	Classroom	310	Ceiling		Solid	Plaster	0
247	1925, 1930, 1939 Bldgs.	106	XRF	8/7/97	3	Classroom	314		Radiator	Solid	Metal	0.1
248	1925, 1930, 1939 Bldgs.	107	XRF	8/7/97	3	Classroom	314	Wall	Midle Wall	Solid	Plaster	0.12
249	1925, 1930, 1939 Bldgs.	108	XRF	8/7/97	3	Classroom	314		Radiator	Solid	Metal	0.12
250	1925, 1930, 1939 Bldgs.	109	XRF	8/7/97	3	Classroom	314	Window	Casing	Solid	Wood	0
251	1925, 1930, 1939 Bldgs.	110	XRF	8/7/97	3	Classroom	314	Door	Door	Solid	Wood	0.02
252	1925, 1930, 1939 Bldgs.	111	XRF	8/7/97	3	Classroom	314	Wall	Midle Wall	Solid	Plaster	0.17
253	1925, 1930, 1939 Bldgs.	112	XRF	8/7/97	3	Classroom	314	Wall	Baseboard	Solid	Metal	0.59

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254	1925, 1930, 1939 Bldgs.	113	XRF	8/7/97	3	Classroom	314	Chalkboard	Rail	Solid	Wood	0
255	1925, 1930, 1939 Bldgs.	95	XRF	8/6/97	1	Hall		1 Door	Door	Solid	Metal	0
256	1925, 1930, 1939 Bldgs.	96	XRF	8/6/97	1	Hall		1 Door	Casing	Solid	Metal	0
257	1925, 1930, 1939 Bldgs.	97	XRF	8/6/97	1	Hall		1	Locker	Solid	Metal	0.31
258	1925, 1930, 1939 Bldgs.	98	XRF	8/6/97	1	Hall		1	Elec Panel	Solid	Metal	0.05
259	1925, 1930, 1939 Bldgs.	99	XRF	8/6/97	1	Hall		1 Door	Door	Solid	Wood	0.02
260	1925, 1930, 1939 Bldgs.	100	XRF	8/6/97	1	Hall		1	Radiator	Solid	Metal	0.04
261	1925, 1930, 1939 Bldgs.	101	XRF	8/6/97	1	Hall		1 Window	Header	Solid	Wood	5.09
262	1925, 1930, 1939 Bldgs.	102	XRF	8/6/97	1	Hall		1 Door	Casing	Solid	Wood	0.02
263	1925, 1930, 1939 Bldgs.	103	XRF	8/6/97	1	Hall		1 Door	Door	Solid	Wood	0.02
264	1925, 1930, 1939 Bldgs.	104	XRF	8/6/97	1	Hall		1 Door	Jamb	Peeling	Metal	0.76
265	1925, 1930, 1939 Bldgs.	105	XRF	8/6/97	1	Hall		1	Radiator	Solid	Metal	0.05
266	1925, 1930, 1939 Bldgs.	106	XRF	8/6/97	1	Hall		1 Door	Casing	Solid	Wood	0.12
267	1925, 1930, 1939 Bldgs.	107	XRF	8/6/97	1	Hall		1 Crown Molding		Solid	Wood	0.33
268	1925, 1930, 1939 Bldgs.	108	XRF	8/6/97	1	Hall		1 Stairs	Hand rail	Peeling	Metal	0.22
269	1925, 1930, 1939 Bldgs.	95	XRF	8/12/97	1	Hall		1 Ceiling		Solid	Plaster	0
270	1925, 1930, 1939 Bldgs.	132	XRF	8/6/97	1	Hall		2 Wall	Wall	Solid	Concrete	0.03
271	1925, 1930, 1939 Bldgs.	133	XRF	8/6/97	1	Hall		2 Door	Casing	Solid	Wood	0.02
272	1925, 1930, 1939 Bldgs.	134	XRF	8/6/97	1	Hall		2 Wall	Chair rail	Solid	Wood	0.12
273	1925, 1930, 1939 Bldgs.	135	XRF	8/6/97	1	Hall		2 Door	Door	Solid	Wood	0.06
274	1925, 1930, 1939 Bldgs.	136	XRF	8/6/97	1	Hall		2 Door	Casing	Solid	Metal	0
275	1925, 1930, 1939 Bldgs.	137	XRF	8/6/97	1	Hall		2 Door	Door	Solid	Wood	0
276	1925, 1930, 1939 Bldgs.	138	XRF	8/6/97	1	Hall		2 Door	Casing	Solid	Metal	0.02
277	1925, 1930, 1939 Bldgs.	139	XRF	8/6/97	1	Hall		2 Door	Casing	Solid	Metal	0.24
278	1925, 1930, 1939 Bldgs.	140	XRF	8/6/97	1	Hall		2 Door	Door	Solid	Wood	0.06
279	1925, 1930, 1939 Bldgs.	174	XRF	8/6/97	1	Hall		3 Cabinet	Outside	Solid	Wood	0
280	1925, 1930, 1939 Bldgs.	175	XRF	8/6/97	1	Hall		3 Wall	Wall	Solid	Plaster	0.22
281	1925, 1930, 1939 Bldgs.	176	XRF	8/6/97	1	Hall		3 Door	Door	Solid	Metal	0.22
282	1925, 1930, 1939 Bldgs.	177	XRF	8/6/97	1	Hall		3 Door	Casing	Solid	Metal	0.6
283	1925, 1930, 1939 Bldgs.	178	XRF	8/6/97	1	Hall		3	Radiator	Solid	Metal	0.48
284	1925, 1930, 1939 Bldgs.	179	XRF	8/6/97	1	Hall		3 Window	Stool	Solid	Wood	0.15
285	1925, 1930, 1939 Bldgs.	180	XRF	8/6/97	1	Hall		3 Door	Door	Solid	Metal	0.42
286	1925, 1930, 1939 Bldgs.	181	XRF	8/6/97	1	Hall		3 Crown Molding		Solid	Wood	0.11
287	1925, 1930, 1939 Bldgs.	182	XRF	8/6/97	1	Hall		3 Door	Door	Solid	Wood	0
288	1925, 1930, 1939 Bldgs.	183	XRF	8/6/97	1	Hall		3	Radiator	Peeling	Metal	1.01
289	1925, 1930, 1939 Bldgs.	184	XRF	8/6/97	1	Hall		3 Window	Casing	Solid	Wood	0.02
290	1925, 1930, 1939 Bldgs.	185	XRF	8/6/97	1	Hall		3 Door	Casing	Solid	Wood	0.04
291	1925, 1930, 1939 Bldgs.	186	XRF	8/6/97	1	Hall		3 Door	Door	Solid	Wood	0
292	1925, 1930, 1939 Bldgs.	87	XRF	8/7/97	2	Hall		4 Door	Casing	Solid	Metal	5.09
293	1925, 1930, 1939 Bldgs.	88	XRF	8/7/97	2	Hall		4 Door	Door	Solid	Metal	0.61
294	1925, 1930, 1939 Bldgs.	89	XRF	8/7/97	2	Hall		4 Wall	Wall	Solid	Plaster	0.11
295	1925, 1930, 1939 Bldgs.	90	XRF	8/7/97	2	Hall		4 Door	Casing	Solid	Wood	0
296	1925, 1930, 1939 Bldgs.	91	XRF	8/7/97	2	Hall		4 Door	Door	Solid	Wood	0.04
297	1925, 1930, 1939 Bldgs.	92	XRF	8/7/97	2	Hall		4 Door	Casing	Solid	Metal	0.01
298	1925, 1930, 1939 Bldgs.	93	XRF	8/7/97	2	Hall		4 Wall	Midle Wall	Solid	Plaster	0.08
299	1925, 1930, 1939 Bldgs.	94	XRF	8/7/97	2	Hall		4	Elec Panel	Solid	Metal	0.01
300	1925, 1930, 1939 Bldgs.	95	XRF	8/7/97	2	Hall		4 Wall	Chair rail	Solid	Wood	0.06
301	1925, 1930, 1939 Bldgs.	96	XRF	8/7/97	2	Hall		4	Locker	Solid	Metal	0.42
302	1925, 1930, 1939 Bldgs.	97	XRF	8/7/97	2	Hall		4 Door	Door	Solid	Wood	0.06
303	1925, 1930, 1939 Bldgs.	78	XRF	8/11/97	3	Hall		5	Locker	Solid	Metal	0.58
304	1925, 1930, 1939 Bldgs.	79	XRF	8/11/97	3	Hall		5 Wall	Wall	Solid	Plaster	0.11
305	1925, 1930, 1939 Bldgs.	80	XRF	8/11/97	3	Hall		5 Crown Molding		Solid	Wood	0.04
306	1925, 1930, 1939 Bldgs.	81	XRF	8/11/97	3	Hall		5 Wall	Chair rail	Solid	Wood	0.05
307	1925, 1930, 1939 Bldgs.	82	XRF	8/11/97	3	Hall		5 Door	Casing	Solid	Metal	0.27
308	1925, 1930, 1939 Bldgs.	83	XRF	8/11/97	3	Hall		5 Door	Door	Solid	Metal	0.26
309	1925, 1930, 1939 Bldgs.	84	XRF	8/11/97	3	Hall		5 Wall	Midle Wall	Solid	Plaster	2.2
310	1925, 1930, 1939 Bldgs.	85	XRF	8/11/97	3	Hall		5 Door	Door	Solid	Wood	0.09
311	1925, 1930, 1939 Bldgs.	85	XRF	8/12/97	3	Hall		5 Ceiling		Solid	Plaster	0
312	1925, 1930, 1939 Bldgs.	143	XRF	8/11/97	1	Hall		6 Stairs	Hand rail	Solid	Metal	0
313	1925, 1930, 1939 Bldgs.	144	XRF	8/11/97	1	Hall		6	Radiator	Solid	Metal	0.24
314	1925, 1930, 1939 Bldgs.	145	XRF	8/11/97	1	Hall		6 Wall	Midle Wall	Solid	Concrete	0.01
315	1925, 1930, 1939 Bldgs.	146	XRF	8/11/97	1	Hall		6 Door	Casing	Solid	Metal	0
316	1925, 1930, 1939 Bldgs.	147	XRF	8/11/97	1	Hall		6 Door	Door	Solid	Metal	0

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	A	B	C	D	E	F	G	H	I	J	K	L
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
317	1925, 1930, 1939 Bldgs.	148	XRF	8/11/97	1	Hall	6		Locker	Solid	Metal	0.01
318	1925, 1930, 1939 Bldgs.	149	XRF	8/11/97	1	Hall	6	Window	Stops	Solid	Metal	0.88
319	1925, 1930, 1939 Bldgs.	150	XRF	8/11/97	1	Hall	6	Stairs	Hand rail	Solid	Metal	0.04
320	1925, 1930, 1939 Bldgs.	149	XRF	8/6/97	1	Lounge	1	Wall	Wall	Solid	Plaster	5.09
321	1925, 1930, 1939 Bldgs.	150	XRF	8/6/97	1	Lounge	1	Door	Casing	Solid	Wood	0
322	1925, 1930, 1939 Bldgs.	151	XRF	8/6/97	1	Lounge	1	Door	Door	Solid	Wood	0
323	1925, 1930, 1939 Bldgs.	152	XRF	8/6/97	1	Lounge	1	Wall	Middle Wall	Solid	Plaster	0.12
324	1925, 1930, 1939 Bldgs.	153	XRF	8/6/97	1	Lounge	1	Wall	Wall	Solid	Drywall	0
325	1925, 1930, 1939 Bldgs.	154	XRF	8/6/97	1	Lounge	1	Door	Door	Solid	Wood	0
326	1925, 1930, 1939 Bldgs.	155	XRF	8/6/97	1	Lounge	1	Door	Casing	Solid	Metal	0.02
327	1925, 1930, 1939 Bldgs.	156	XRF	8/6/97	1	Lounge	1		Radiator	Solid	Metal	0
328	1925, 1930, 1939 Bldgs.	73	XRF	8/7/97	2	Main	204	Door	Casing	Solid	Wood	0.03
329	1925, 1930, 1939 Bldgs.	74	XRF	8/7/97	2	Main	204	Door	Door	Solid	Wood	0.07
330	1925, 1930, 1939 Bldgs.	75	XRF	8/7/97	2	Main	204	Door	Casing	Solid	Metal	0.03
331	1925, 1930, 1939 Bldgs.	76	XRF	8/7/97	2	Main	204	Door	Door	Solid	Metal	0.05
332	1925, 1930, 1939 Bldgs.	77	XRF	8/7/97	2	Main	204	Wall	Panel	Solid	Wood	0
333	1925, 1930, 1939 Bldgs.	78	XRF	8/7/97	2	Main	204	Wall	Wall	Solid	Plaster	0.08
334	1925, 1930, 1939 Bldgs.	79	XRF	8/7/97	2	Main	204	Wall	Wall	Solid	Plaster	0.17
335	1925, 1930, 1939 Bldgs.	80	XRF	8/7/97	2	Main	204		Radiator	Peeling	Metal	0.01
336	1925, 1930, 1939 Bldgs.	6	XRF	8/7/97	1	Other	11	Wall	Middle Wall	Solid	Plaster	0.15
337	1925, 1930, 1939 Bldgs.	7	XRF	8/7/97	1	Other	11	Wall	Chair rail	Solid	Metal	5.09
338	1925, 1930, 1939 Bldgs.	8	XRF	8/7/97	1	Other	11		Radiator	Peeling	Metal	0.92
339	1925, 1930, 1939 Bldgs.	9	XRF	8/7/97	1	Other	11	Door	Casing	Solid	Wood	0.05
340	1925, 1930, 1939 Bldgs.	10	XRF	8/7/97	1	Other	11	Door	Door	Solid	Wood	0.05
341	1925, 1930, 1939 Bldgs.	86	XRF	8/12/97	3	Other	11	Ceiling		Solid	Plaster	0.13
342	1925, 1930, 1939 Bldgs.	132	XRF	8/7/97	3	Other	12	Wall	Baseboard	Solid	Wood	0.07
343	1925, 1930, 1939 Bldgs.	133	XRF	8/7/97	3	Other	12	Wall	Middle Wall	Solid	Plaster	0.04
344	1925, 1930, 1939 Bldgs.	134	XRF	8/7/97	3	Other	12	Wall	Wall	Solid	Plaster	0.09
345	1925, 1930, 1939 Bldgs.	135	XRF	8/7/97	3	Other	12		Radiator	Solid	Metal	0.02
346	1925, 1930, 1939 Bldgs.	136	XRF	8/7/97	3	Other	12	Door	Casing	Solid	Wood	0.07
347	1925, 1930, 1939 Bldgs.	137	XRF	8/7/97	3	Other	12	Door	Door	Solid	Wood	0.09
348	1925, 1930, 1939 Bldgs.	138	XRF	8/7/97	3	Other	13	Door	Door	Peeling	Metal	0.16
349	1925, 1930, 1939 Bldgs.	124	XRF	8/6/97	1	Other	102		Radiator	Solid	Metal	0
350	1925, 1930, 1939 Bldgs.	125	XRF	8/6/97	1	Other	102	Door	Door	Solid	Wood	0
351	1925, 1930, 1939 Bldgs.	126	XRF	8/6/97	1	Other	102	Door	Casing	Solid	Metal	0.04
352	1925, 1930, 1939 Bldgs.	127	XRF	8/6/97	1	Other	102	Wall	Wall	Solid	Drywall	0
353	1925, 1930, 1939 Bldgs.	128	XRF	8/6/97	1	Other	102	Wall	Middle Wall	Solid	Drywall	0.02
354	1925, 1930, 1939 Bldgs.	129	XRF	8/6/97	1	Other	102	Wall	Wall	Solid	Drywall	0
355	1925, 1930, 1939 Bldgs.	130	XRF	8/6/97	1	Other	102	Wall	Wall	Solid	Drywall	0
356	1925, 1930, 1939 Bldgs.	131	XRF	8/6/97	1	Other	102	Wall	Middle Wall	Solid	Plaster	0.03
357	1925, 1930, 1939 Bldgs.	157	XRF	8/6/97	1	Other	108	Wall	Middle Wall	Solid	Tile	0.13
358	1925, 1930, 1939 Bldgs.	158	XRF	8/6/97	1	Other	108	Door	Casing	Solid	Metal	0.24
359	1925, 1930, 1939 Bldgs.	159	XRF	8/6/97	1	Other	108	Door	Door	Solid	Metal	0.43
360	1925, 1930, 1939 Bldgs.	160	XRF	8/6/97	1	Other	108		Locker	Solid	Metal	0.08
361	1925, 1930, 1939 Bldgs.	161	XRF	8/6/97	1	Other	108	Wall	Middle Wall	Solid	Drywall	0
362	1925, 1930, 1939 Bldgs.	162	XRF	8/6/97	1	Other	108		Locker	Solid	Metal	0
363	1925, 1930, 1939 Bldgs.	163	XRF	8/6/97	1	Other	108	Door	Casing	Solid	Wood	0
364	1925, 1930, 1939 Bldgs.	164	XRF	8/6/97	1	Other	108	Door	Door	Solid	Wood	0
365	1925, 1930, 1939 Bldgs.	165	XRF	8/6/97	1	Other	108	Chalkboard	Rail	Solid	Wood	0
366	1925, 1930, 1939 Bldgs.	166	XRF	8/6/97	1	Other	108	Wall	Middle Wall	Solid	Concrete	0.19
367	1925, 1930, 1939 Bldgs.	167	XRF	8/6/97	1	Other	108		Locker	Peeling	Metal	1.33
368	1925, 1930, 1939 Bldgs.	99	XRF	8/12/97	1	Outside	0	Wall	Wall	Solid	Concrete	0
369	1925, 1930, 1939 Bldgs.	100	XRF	8/12/97	1	Outside	0	Flag Pole		Peeling	Metal	4.07
370	1925, 1930, 1939 Bldgs.	101	XRF	8/12/97	1	Outside	0	Stairs	Hand rail	Peeling	Metal	0.06
371	1925, 1930, 1939 Bldgs.	102	XRF	8/12/97	1	Outside	0	Door	Door	Peeling	Metal	0
372	1925, 1930, 1939 Bldgs.	103	XRF	8/12/97	1	Outside	0	Wall	Wall Rgstr	Solid	Metal	0.23
373	1925, 1930, 1939 Bldgs.	104	XRF	8/12/97	1	Outside	0	Door	Door	Solid	Wood	0.19
374	1925, 1930, 1939 Bldgs.	105	XRF	8/12/97	1	Outside	0	Coal	Door	Solid	Metal	3.49
375	1925, 1930, 1939 Bldgs.	82	XRF	8/6/97	1	Restroom	1	Wall	Middle Wall	Solid	Drywall	0
376	1925, 1930, 1939 Bldgs.	83	XRF	8/6/97	1	Restroom	1	Door	Stall Door	Solid	Metal	0.02
377	1925, 1930, 1939 Bldgs.	84	XRF	8/6/97	1	Restroom	1	Door	Casing	Solid	Wood	0.05
378	1925, 1930, 1939 Bldgs.	85	XRF	8/6/97	1	Restroom	1	Door	Door	Solid	Wood	0
379	1925, 1930, 1939 Bldgs.	86	XRF	8/6/97	1	Restroom	1	Wall	Wall	Solid	Concrete	0.81

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380	1925, 1930, 1939 Bldgs.	87	XRF	8/6/97	1	Restroom	1	Door	Casing	Solid	Wood	0.02
381	1925, 1930, 1939 Bldgs.	88	XRF	8/6/97	1	Restroom	1	Wall	Wall	Solid	Wood	0
382	1925, 1930, 1939 Bldgs.	89	XRF	8/6/97	1	Restroom	1	Wall	Chair rail	Solid	Wood	0
383	1925, 1930, 1939 Bldgs.	90	XRF	8/6/97	1	Restroom	2	Door	Stall Door	Solid	Wood	3.59
384	1925, 1930, 1939 Bldgs.	91	XRF	8/6/97	1	Restroom	2	Door	Stall Door	Solid	Wood	2.8
385	1925, 1930, 1939 Bldgs.	92	XRF	8/6/97	1	Restroom	2	Wall	Midle Wall	Solid	Plaster	0.28
386	1925, 1930, 1939 Bldgs.	93	XRF	8/6/97	1	Restroom	2	Door	Casing	Solid	Wood	0.01
387	1925, 1930, 1939 Bldgs.	94	XRF	8/6/97	1	Restroom	2	Door	Door	Solid	Wood	0.01
388	1925, 1930, 1939 Bldgs.	42	XRF	8/7/97	2	Restroom	3	Wall	Wall	Solid	Plaster	1.13
389	1925, 1930, 1939 Bldgs.	43	XRF	8/7/97	2	Restroom	3	Door	Casing	Solid	Wood	0.02
390	1925, 1930, 1939 Bldgs.	44	XRF	8/7/97	2	Restroom	3	Door	Door	Solid	Wood	0.02
391	1925, 1930, 1939 Bldgs.	45	XRF	8/7/97	2	Restroom	3	Door	Stall Door	Solid	Wood	0.06
392	1925, 1930, 1939 Bldgs.	46	XRF	8/7/97	2	Restroom	3	Door	Casing	Solid	Wood	0.03
393	1925, 1930, 1939 Bldgs.	47	XRF	8/7/97	2	Restroom	3	Door	Door	Solid	Wood	0.06
394	1925, 1930, 1939 Bldgs.	48	XRF	8/7/97	2	Restroom	4	Wall	Wall	Solid	Plaster	0.02
395	1925, 1930, 1939 Bldgs.	49	XRF	8/7/97	2	Restroom	4	Wall	Chair rail	Solid	Wood	0.06
396	1925, 1930, 1939 Bldgs.	50	XRF	8/7/97	2	Restroom	4	Door	Stall Door	Solid	Wood	0.01
397	1925, 1930, 1939 Bldgs.	51	XRF	8/7/97	2	Restroom	4	Door	Casing	Solid	Wood	0
398	1925, 1930, 1939 Bldgs.	52	XRF	8/7/97	2	Restroom	4	Door	Door	Solid	Wood	0.05
399	1925, 1930, 1939 Bldgs.	91	XRF	8/12/97	2	Restroom	4	Ceiling		Solid	Plaster	0.71
400	1925, 1930, 1939 Bldgs.	139	XRF	8/7/97	3	Restroom	5	Wall	Wall	Solid	Plaster	1.6
401	1925, 1930, 1939 Bldgs.	140	XRF	8/7/97	3	Restroom	5	Wall	Chair rail	Solid	Wood	0.1
402	1925, 1930, 1939 Bldgs.	141	XRF	8/7/97	3	Restroom	5	Door	Stall Door	Solid	Wood	0
403	1925, 1930, 1939 Bldgs.	142	XRF	8/7/97	3	Restroom	5	Door	Casing	Solid	Wood	0.03
404	1925, 1930, 1939 Bldgs.	143	XRF	8/7/97	3	Restroom	5	Door	Door	Solid	Wood	0.07
405	1925, 1930, 1939 Bldgs.	144	XRF	8/7/97	3	Restroom	6	Wall	Chair rail	Solid	Wood	0.54
406	1925, 1930, 1939 Bldgs.	145	XRF	8/7/97	3	Restroom	6	Door	Stall Door	Solid	Wood	0.06
407	1925, 1930, 1939 Bldgs.	146	XRF	8/7/97	3	Restroom	6	Door	Door	Solid	Wood	0.03
408	1925, 1930, 1939 Bldgs.	147	XRF	8/7/97	3	Restroom	6		Radiator	Solid	Metal	0.02
409	1925, 1930, 1939 Bldgs.	148	XRF	8/7/97	3	Restroom	6	Wall	Wall	Solid	Plaster	1.56
410	1925, 1930, 1939 Bldgs.	149	XRF	8/7/97	3	Restroom	6	Door	Casing	Solid	Wood	0.02
411	1925, 1930, 1939 Bldgs.	150	XRF	8/7/97	3	Restroom	6	Door	Door	Solid	Wood	0.02
412	1925, 1930, 1939 Bldgs.	77	XRF	8/12/97	3	Restroom	6	Ceiling		Solid	Plaster	1.68
413	1925, 1930, 1939 Bldgs.	65	XRF	8/7/97	2	Restroom	202	Wall	Baseboard	Solid	Wood	0.06
414	1925, 1930, 1939 Bldgs.	66	XRF	8/7/97	2	Restroom	202	Wall	Midle Wall	Solid	Plaster	0.34
415	1925, 1930, 1939 Bldgs.	67	XRF	8/7/97	2	Restroom	202	Door	Casing	Solid	Wood	0.03
416	1925, 1930, 1939 Bldgs.	68	XRF	8/7/97	2	Restroom	202	Door	Door	Solid	Wood	0.11
417	1925, 1930, 1939 Bldgs.	69	XRF	8/7/97	2	Restroom	202	Cabinet	Door	Solid	Wood	0.04
418	1925, 1930, 1939 Bldgs.	70	XRF	8/7/97	2	Restroom	202	Wall	Wall	Solid	Plaster	3.47
419	1925, 1930, 1939 Bldgs.	71	XRF	8/7/97	2	Restroom	202	Chalkboard	Rail	Solid	Wood	0.01
420	1925, 1930, 1939 Bldgs.	72	XRF	8/7/97	2	Restroom	202	Wall	Wall	Peeling	Metal	2.42
421	1925, 1930, 1939 Bldgs.	38	XRF	8/11/97	3	Restroom	311	Wall	Midle Wall	Solid	Plaster	0.08
422	1925, 1930, 1939 Bldgs.	39	XRF	8/11/97	3	Restroom	311	Door	Stall Door	Solid	Wood	0.05
423	1925, 1930, 1939 Bldgs.	40	XRF	8/11/97	3	Restroom	311		Radiator	Peeling	Metal	0
424	1925, 1930, 1939 Bldgs.	41	XRF	8/11/97	3	Restroom	311	Wall	Chair rail	Solid	Metal	3.96
425	1925, 1930, 1939 Bldgs.	42	XRF	8/11/97	3	Restroom	311	Wall	Wall	Solid	Plaster	0.05
426	1925, 1930, 1939 Bldgs.	43	XRF	8/11/97	3	Restroom	311	Door	Casing	Solid	Wood	0.01
427	1925, 1930, 1939 Bldgs.	44	XRF	8/11/97	3	Restroom	311	Door	Door	Solid	Wood	0.02
428	1925, 1930, 1939 Bldgs.	73	XRF	8/12/97	3	Restroom	311	Ceiling		Solid	Plaster	0.04
429	1925, 1930, 1939 Bldgs.	38	XRF	8/6/97	1	Room	101		Radiator	Peeling	Metal	0.38
430	1925, 1930, 1939 Bldgs.	39	XRF	8/6/97	1	Room	101	Window	Stool	Solid	Wood	0.33
431	1925, 1930, 1939 Bldgs.	40	XRF	8/6/97	1	Room	101	Wall	Midle Wall	Peeling	Plaster	0.31
432	1925, 1930, 1939 Bldgs.	41	XRF	8/6/97	1	Room	101	Wall	Midle Wall	Solid	Plaster	0.29
433	1925, 1930, 1939 Bldgs.	42	XRF	8/6/97	1	Room	101	Door	Casing	Solid	Wood	0.02
434	1925, 1930, 1939 Bldgs.	43	XRF	8/6/97	1	Room	101	Door	Door	Solid	Wood	0.02
435	1925, 1930, 1939 Bldgs.	34	XRF	8/6/97	1	Room	103	Wall	Wall	Solid	Plaster	0.03
436	1925, 1930, 1939 Bldgs.	35	XRF	8/6/97	1	Room	103	Wall	Midle Wall	Solid	Plaster	0.02
437	1925, 1930, 1939 Bldgs.	36	XRF	8/6/97	1	Room	103	Door	Casing	Solid	Wood	0
438	1925, 1930, 1939 Bldgs.	37	XRF	8/6/97	1	Room	103	Door	Door	Solid	Wood	0.08
439	1925, 1930, 1939 Bldgs.	98	XRF	8/12/97	1	Room	103	Ceiling		Solid	Plaster	0
440	1925, 1930, 1939 Bldgs.	78	XRF	8/6/97	1	Room	110	Wall	Midle Wall	Solid	Plaster	0.03
441	1925, 1930, 1939 Bldgs.	79	XRF	8/6/97	1	Room	110	Door	Casing	Solid	Wood	0.03
442	1925, 1930, 1939 Bldgs.	80	XRF	8/6/97	1	Room	110	Door	Door	Solid	Wood	0

Saint Paul Public Schools
 Murray Junior High School
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A	B	C	D	E	F	G	H	I	J	K	L	
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
443	1925, 1930, 1939 Bldgs.	81	XRF	8/6/97	1	Room	110	Wall	Wall	Solid	Plaster	0.77
444	1925, 1930, 1939 Bldgs.	53	XRF	8/7/97	2	Room	201	Bookcase	Shelf	Solid	Wood	0.04
445	1925, 1930, 1939 Bldgs.	54	XRF	8/7/97	2	Room	201	Wall	Midle Wall	Solid	Plaster	0.54
446	1925, 1930, 1939 Bldgs.	55	XRF	8/7/97	2	Room	201	Wall	Baseboard	Solid	Wood	0.06
447	1925, 1930, 1939 Bldgs.	56	XRF	8/7/97	2	Room	201	Radiator	Solid	Metal		3.31
448	1925, 1930, 1939 Bldgs.	57	XRF	8/7/97	2	Room	201	Door	Casing	Solid	Wood	0.1
449	1925, 1930, 1939 Bldgs.	58	XRF	8/7/97	2	Room	201	Door	Door	Solid	Wood	0.05
450	1925, 1930, 1939 Bldgs.	14	XRF	8/11/97	3	Room	306	Door	Casing	Solid	Wood	0.09
451	1925, 1930, 1939 Bldgs.	15	XRF	8/11/97	3	Room	306	Cabinet	Door	Solid	Wood	0.04
452	1925, 1930, 1939 Bldgs.	16	XRF	8/11/97	3	Room	306	Wall	Midle Wall	Solid	Plaster	0.06
453	1925, 1930, 1939 Bldgs.	17	XRF	8/11/97	3	Room	306	Door	Casing	Solid	Wood	0.17
454	1925, 1930, 1939 Bldgs.	18	XRF	8/11/97	3	Room	306	Wall	Midle Wall	Solid	Plaster	2.42
455	1925, 1930, 1939 Bldgs.	19	XRF	8/11/97	3	Room	306	Door	Door	Solid	Wood	0.31
456	1925, 1930, 1939 Bldgs.	20	XRF	8/11/97	3	Room	306	Door	Door	Solid	Wood	0
457	1925, 1930, 1939 Bldgs.	21	XRF	8/11/97	3	Room	306	Radiator	Solid	Metal		1.57
458	1925, 1930, 1939 Bldgs.	114	XRF	8/7/97	3	Room	311	Radiator	Solid	Metal		0.05
459	1925, 1930, 1939 Bldgs.	115	XRF	8/7/97	3	Room	311	Wall	Midle Wall	Solid	Plaster	0.58
460	1925, 1930, 1939 Bldgs.	116	XRF	8/7/97	3	Room	311	Window	Casing	Solid	Wood	0.06
461	1925, 1930, 1939 Bldgs.	117	XRF	8/7/97	3	Room	311	Door	Door	Solid	Wood	0.05
462	1925, 1930, 1939 Bldgs.	101	XRF	8/7/97	3	Room	312	Radiator	Solid	Metal		0.53
463	1925, 1930, 1939 Bldgs.	102	XRF	8/7/97	3	Room	312	Wall	Midle Wall	Solid	Plaster	0.08
464	1925, 1930, 1939 Bldgs.	103	XRF	8/7/97	3	Room	312	Door	Casing	Solid	Wood	0.04
465	1925, 1930, 1939 Bldgs.	104	XRF	8/7/97	3	Room	312	Door	Door	Solid	Wood	0.02
466	1925, 1930, 1939 Bldgs.	105	XRF	8/7/97	3	Room	312	Wall	Baseboard	Solid	Metal	0.74
467	1925, 1930, 1939 Bldgs.	71	XRF	8/12/97	3	Room	312	Ceiling		Solid	Plaster	0.05
468	1925, 1930, 1939 Bldgs.	72	XRF	8/12/97	3	Room	314	Ceiling		Solid	Plaster	0
469	1925, 1930, 1939 Bldgs.	168	XRF	8/6/97	1	Stairwell	1	Wall	Wall	Solid	Plaster	0.28
470	1925, 1930, 1939 Bldgs.	169	XRF	8/6/97	1	Stairwell	1	Door	Casing	Solid	Metal	0
471	1925, 1930, 1939 Bldgs.	170	XRF	8/6/97	1	Stairwell	1	Stairs	Hand rail	Solid	Wood	0
472	1925, 1930, 1939 Bldgs.	171	XRF	8/6/97	1	Stairwell	1	Wall	Wall	Solid	Plaster	0.31
473	1925, 1930, 1939 Bldgs.	172	XRF	8/6/97	1	Stairwell	1	Radiator	Solid	Metal		0.61
474	1925, 1930, 1939 Bldgs.	173	XRF	8/6/97	1	Stairwell	1	Window	Stool	Solid	Wood	0.12
475	1963 Bldg.	6	XRF	8/12/97	1	Classroom	11	Wall	Wall	Solid	Concrte	0.04
476	1963 Bldg.	7	XRF	8/12/97	1	Classroom	11	Door	Casing	Solid	Metal	0.08
477	1963 Bldg.	8	XRF	8/12/97	1	Classroom	11	Door	Door	Solid	Wood	0
478	1963 Bldg.	9	XRF	8/12/97	1	Classroom	12	Wall	Midle Wall	Solid	Concrte	0.03
479	1963 Bldg.	10	XRF	8/12/97	1	Classroom	12	Wall	Midle Wall	Solid	Wood	0
480	1963 Bldg.	11	XRF	8/12/97	1	Classroom	12	Wall	Midle Wall	Solid	Wood	0
481	1963 Bldg.	12	XRF	8/12/97	1	Classroom	12	Door	Casing	Solid	Metal	0.03
482	1963 Bldg.	13	XRF	8/12/97	1	Classroom	12	Door	Door	Solid	Wood	0
483	1963 Bldg.	121	XRF	8/11/97	1	Classroom	21	Wall	Midle Wall	Solid	Concrte	0.05
484	1963 Bldg.	122	XRF	8/11/97	1	Classroom	21	Window	Stops	Solid	Metal	0.97
485	1963 Bldg.	123	XRF	8/11/97	1	Classroom	21	Door	Casing	Solid	Metal	1.23
486	1963 Bldg.	124	XRF	8/11/97	1	Classroom	21	Door	Header	Solid	Metal	0.02
487	1963 Bldg.	110	XRF	8/11/97	1	Classroom	22	Wall	Midle Wall	Solid	Concrte	0.04
488	1963 Bldg.	111	XRF	8/11/97	1	Classroom	22	Cabinet	Door	Solid	Metal	0
489	1963 Bldg.	112	XRF	8/11/97	1	Classroom	22	Door	Casing	Solid	Metal	0.34
490	1963 Bldg.	113	XRF	8/11/97	1	Classroom	22	Window	Stops	Solid	Metal	0.75
491	1963 Bldg.	114	XRF	8/11/97	1	Classroom	22	Door	Header	Solid	Metal	0
492	1963 Bldg.	125	XRF	8/11/97	1	Classroom	23	Wall	Wall	Solid	Concrte	0.05
493	1963 Bldg.	126	XRF	8/11/97	1	Classroom	23	Door	Header	Solid	Metal	0
494	1963 Bldg.	127	XRF	8/11/97	1	Classroom	23	Door	Casing	Solid	Metal	0.96
495	1963 Bldg.	128	XRF	8/11/97	1	Classroom	23	Window	Stops	Solid	Metal	1.19
496	1963 Bldg.	104	XRF	8/11/97	1	Classroom	24	Wall	Midle Wall	Solid	Concrte	0.02
497	1963 Bldg.	105	XRF	8/11/97	1	Classroom	24	Cabinet	Door	Solid	Wood	0
498	1963 Bldg.	106	XRF	8/11/97	1	Classroom	24	Wall	Wall	Solid	Concrte	0.02
499	1963 Bldg.	107	XRF	8/11/97	1	Classroom	24	Door	Casing	Solid	Metal	0.99
500	1963 Bldg.	108	XRF	8/11/97	1	Classroom	24	Window	Stops	Solid	Metal	0.93
501	1963 Bldg.	109	XRF	8/11/97	1	Classroom	24	Door	Header	Solid	Metal	0
502	1963 Bldg.	129	XRF	8/11/97	1	Classroom	25	Cabinet	Door	Solid	Wood	0
503	1963 Bldg.	130	XRF	8/11/97	1	Classroom	25	Window	Stops	Solid	Metal	0.69
504	1963 Bldg.	131	XRF	8/11/97	1	Classroom	25	Door	Casing	Solid	Metal	1.22
505	1963 Bldg.	132	XRF	8/11/97	1	Classroom	25	Door	Casing	Solid	Concrte	0.09

Saint Paul Public Schools
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	A	B	C	D	E	F	G	H	I	J	K	L
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
506	1963 Bldg.	99	XRF	8/11/97	1	Classroom	26	Cabinet	Door	Solid	Wood	0
507	1963 Bldg.	100	XRF	8/11/97	1	Classroom	26	Door	Casing	Solid	Metal	0.26
508	1963 Bldg.	101	XRF	8/11/97	1	Classroom	26	Wall	Wall	Solid	Concrete	0.03
509	1963 Bldg.	102	XRF	8/11/97	1	Classroom	26	Wall	Wall	Solid	Metal	0.98
510	1963 Bldg.	103	XRF	8/11/97	1	Classroom	26	Door	Header	Solid	Metal	0
511	1963 Bldg.	133	XRF	8/11/97	1	Classroom	27	Wall	Midle Wall	Solid	Concrte	0.05
512	1963 Bldg.	134	XRF	8/11/97	1	Classroom	27	Window	Stops	Solid	Metal	0.71
513	1963 Bldg.	135	XRF	8/11/97	1	Classroom	27	Door	Casing	Solid	Metal	0.69
514	1963 Bldg.	136	XRF	8/11/97	1	Classroom	27	Cabinet	Door	Solid	Wood	0
515	1963 Bldg.	137	XRF	8/11/97	1	Classroom	27	Wall	Wall	Solid	Concrte	0.23
516	1963 Bldg.	95	XRF	8/11/97	1	Classroom	28	Wall	Midle Wall	Solid	Concrte	0.01
517	1963 Bldg.	96	XRF	8/11/97	1	Classroom	28	Wall	Wall	Solid	Concrte	0.31
518	1963 Bldg.	97	XRF	8/11/97	1	Classroom	28	Door	Casing	Solid	Metal	0.6
519	1963 Bldg.	98	XRF	8/11/97	1	Classroom	28	Window	Stops	Solid	Metal	0.63
520	1963 Bldg.	36	XRF	8/12/97	1	Gym	1	Wall	Wall	Solid	Concrte	0.28
521	1963 Bldg.	37	XRF	8/12/97	1	Gym	1	Bench	Wall	Peeling	Wood	0
522	1963 Bldg.	38	XRF	8/12/97	1	Gym	1	Bench	Wall	Peeling	Wood	0
523	1963 Bldg.	39	XRF	8/12/97	1	Gym	1	Bench	Wall	Peeling	Wood	0
524	1963 Bldg.	40	XRF	8/12/97	1	Gym	1	Wall	Midle Wall	Solid	Concrte	0
525	1963 Bldg.	41	XRF	8/12/97	1	Gym	1	Door	Casing	Solid	Metal	0.07
526	1963 Bldg.	42	XRF	8/12/97	1	Gym	1	Door	Door	Solid	Wood	0
527	1963 Bldg.	28	XRF	8/12/97	1	Gym	2	Wall	Midle Wall	Solid	Concrte	0
528	1963 Bldg.	29	XRF	8/12/97	1	Gym	2	Door	Casing	Solid	Metal	0.07
529	1963 Bldg.	30	XRF	8/12/97	1	Gym	2	Door	Door	Solid	Wood	0
530	1963 Bldg.	31	XRF	8/12/97	1	Gym	2		Locker	Solid	Metal	0.9
531	1963 Bldg.	32	XRF	8/12/97	1	Gym	2	Bench		Solid	Metal	0.82
532	1963 Bldg.	33	XRF	8/12/97	1	Gym	2	Wall	Bthrm Stll	Solid	Metal	0.26
533	1963 Bldg.	34	XRF	8/12/97	1	Gym	2		Locker	Peeling	Metal	0.01
534	1963 Bldg.	35	XRF	8/12/97	1	Gym	2		Locker	Peeling	Metal	0
535	1963 Bldg.	17	XRF	8/12/97	1	Gym	3	Wall	Midle Wall	Solid	Concrte	0
536	1963 Bldg.	18	XRF	8/12/97	1	Gym	3	Door	Casing	Solid	Metal	0.08
537	1963 Bldg.	19	XRF	8/12/97	1	Gym	3	Door	Door	Solid	Wood	0
538	1963 Bldg.	20	XRF	8/12/97	1	Gym	3		Locker	Peeling	Metal	0.2
539	1963 Bldg.	21	XRF	8/12/97	1	Gym	3		Locker	Solid	Metal	0.31
540	1963 Bldg.	22	XRF	8/12/97	1	Gym	3	Bench		Solid	Metal	0.71
541	1963 Bldg.	23	XRF	8/12/97	1	Gym	3		Locker	Solid	Metal	0.02
542	1963 Bldg.	24	XRF	8/12/97	1	Gym	3	Ceiling		Solid	Plaster	0
543	1963 Bldg.	25	XRF	8/12/97	1	Gym	3		Bthrm Stll	Solid	Metal	0.44
544	1963 Bldg.	26	XRF	8/12/97	1	Gym	3		Locker	Peeling	Metal	0
545	1963 Bldg.	27	XRF	8/12/97	1	Gym	3	Wall	Wall	Solid	Concrte	0.04
546	1963 Bldg.	14	XRF	8/12/97	1	Gym	13	Door	Casing	Solid	Metal	0.12
547	1963 Bldg.	15	XRF	8/12/97	1	Gym	13	Door	Door	Solid	Metal	0.26
548	1963 Bldg.	16	XRF	8/12/97	1	Gym	13	Wall	Midle Wall	Solid	Concrte	0
549	1963 Bldg.	118	XRF	8/11/97	1	Other	111	Door	Door	Solid	Metal	0
550	1963 Bldg.	119	XRF	8/11/97	1	Other	111	Door	Casing	Solid	Metal	0
551	1963 Bldg.	120	XRF	8/11/97	1	Other	111	Wall	Midle Wall	Solid	Concrte	0
552	1963 Bldg.	140	XRF	8/11/97	1	Other	112	Wall	Bthrm Stll	Solid	Concrte	0
553	1963 Bldg.	141	XRF	8/11/97	1	Other	112	Door	Casing	Solid	Metal	0
554	1963 Bldg.	142	XRF	8/11/97	1	Other	112	Door	Door	Solid	Metal	0
555	1963 Bldg.	115	XRF	8/11/97	1	Restroom	7	Door	Door	Solid	Wood	0
556	1963 Bldg.	116	XRF	8/11/97	1	Restroom	7	Door	Casing	Solid	Metal	0.08
557	1963 Bldg.	117	XRF	8/11/97	1	Restroom	7	Door	Stall Door	Solid	Metal	0.29
558	1963 Bldg.	138	XRF	8/11/97	1	Restroom	8	Door	Casing	Solid	Metal	0.01
559	1963 Bldg.	139	XRF	8/11/97	1	Restroom	8	Wall	Bthrm Stll	Solid	Metal	0.35
560	1977 Bldg.	43	XRF	8/12/97	1	Gym	1	Wall	Midle Wall	Solid	Concrte	0.03
561	1977 Bldg.	44	XRF	8/12/97	1	Hall	7	Wall	Wall	Solid	Concrte	0
562	1977 Bldg.	45	XRF	8/12/97	1	Hall	7	Wall	Midle Wall	Solid	Concrte	0.01
563	1977 Bldg.	46	XRF	8/12/97	1	Hall	7	Wall	Wall Rgstr	Solid	Metal	0.02
564	1977 Bldg.	47	XRF	8/12/97	1	Hall	7	Wall	Midle Wall	Solid	Concrte	0
565	1977 Bldg.	48	XRF	8/12/97	1	Hall	7		Locker	Solid	Metal	0.01
566	1977 Bldg.	49	XRF	8/12/97	1	Hall	7	Stairs	Hand rail	Solid	Metal	0.09
567	1977 Bldg.	50	XRF	8/12/97	1	Hall	7		Radiator	Solid	Metal	0.23
568	1977 Bldg.	51	XRF	8/12/97	1	Hall	7	Door	Door	Solid	Metal	0.19

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	A	B	C	D	E	F	G	H	I	J	K	L
3	Site	Sample#	Analysis	Date	Floor	Area	Room#	Component	Feature	Condition	Substrate	Result
569	1977 Bldg.	52	XRF	8/12/97	1	Hall	7	Door	Door	Solid	Wood	0
570	1977 Bldg.	53	XRF	8/12/97	1	Hall	7	Door	Casing	Solid	Metal	0.3
571	1977 Bldg.	54	XRF	8/12/97	1	Hall	7	Window	Casing	Solid	Wood	0.59
572	1977 Bldg.	55	XRF	8/12/97	1	Hall	7	Door	Door	Solid	Wood	0.32
573	1977 Bldg.	56	XRF	8/12/97	1	Library	1	Wall	Middle Wall	Solid	Plaster	0
574	1977 Bldg.	57	XRF	8/12/97	1	Library	1	Bookcase	Shelf	Solid	Wood	0
575	1977 Bldg.	58	XRF	8/12/97	1	Library	1	Door	Door	Solid	Wood	0
576	1977 Bldg.	59	XRF	8/12/97	1	Library	1	Door	Casing	Solid	Metal	0.23

APPENDIX B

LABORATORY SAMPLE ANALYSIS DATA

LABORATORY ANALYSIS REPORT**DATE:** October 16, 1997**PAGE:***1 Of 1***CLIENT:** Midwest Environmental Cons.
38894 Llama St.
Dalbo, MN 55017**PROJECT NO.:** 100297-200888
COLLECTION DATE: 8/26/97
COLLECTED BY: Client
RECEIVED DATE: 8/26/97
PROJECT DESCRIPT.: 62/0197AW**CONTACT:** Greg Myers/Richard Cox

<u>ANALYSIS</u>		<u>Sample No.:</u>	<u>L976841-1</u>	<u>ANALYSIS</u>
<u>ANALYSIS</u>		<u>Sample ID.:</u>	<u>PC-1</u>	<u>DATE</u>
<u>UNITS</u>		<u>MDL</u>	<u>RESULT</u>	<u>DATE</u>
Lead (6010A)	mg/kg	5.0	1900	10/16/97
<u>ANALYSIS</u>		<u>Sample No.:</u>	<u>L976841-2</u>	<u>ANALYSIS</u>
<u>ANALYSIS</u>		<u>Sample ID.:</u>	<u>PC-2</u>	<u>DATE</u>
Lead (6010A)	mg/kg	5.0	360	10/16/97

*ND means Not Detected or below reported MDL**MDL means Method Detection Limit**mg/kg means Milligrams Per Kilogram which is equivalent to Parts Per Million (ppm)*

This report has been reviewed by me for technical accuracy and completeness. The analyses were performed using EPA or other approved methodologies and the results were reported on an "as received" basis unless otherwise noted. Organic soil analyses were reported on a dry weight basis. The results reported relate only to the items tested. Please contact me if you have any questions or comments regarding this report. Spectrum Labs, Inc. appreciates the opportunity to provide this analytical service for you.

Report Submitted By,


Thomas L. Halverson CQE
Laboratory ManagerTLH:wmc
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APPENDIX C

INSPECTOR

Bob Hargrove
MDH Lead Inspector # 416