

L.Y. Environmental, Inc.

1050 Nevada Street, Suite# 401, Redlands, CA 92374 • Phone (909) 307-9730 • Fax (909) 307-9740

August 5, 2024

Colton Joint Unified School District
Attn: Diane Mendez
Office: 909-580-6586
E: diane_mendez@cjusd.net

Summary Report: Asbestos & Lead Based Paint Survey
670 W. Laurel Street, Colton, CA 92324
Colton Middle School
Administration Building

I. Introduction

L.Y. Environmental Inc., (LYEI) received a request to conduct a Comprehensive Asbestos and Lead Based Paint Survey for the Administration Building at Colton Middle School located on 670 W. Laurel Street, Colton, California. LYEI was requested to inspect the above-mentioned property for the existence of asbestos and lead containing materials and to provide a written report of findings.

II. Background

Yonan Benjamin (CAC DOSH #02/3228) of LYEI conducted the survey at the subject site on July 24, 2024. The report was reviewed and completed by Yonan Benjamin, a Certified Asbestos Consultant and Certified Industrial Hygienist with LYEI.

The structure appears to be intact and in good condition. The samples of the Ceiling, Floor, Roofing, Stucco, Wall, and Window Putty Materials were collected. Samples were taken, all of which were analyzed by Inland Asbestos Lab located in Redlands, California, which is an NVLAP Lab (NVLAP Code 201000-0; Ph: 909-435-5504). Asbestos Bulk samples were analyzed by PLM using EPA Method 600/R-93/116, (July 1993), in accordance with 40 CFR 763, Sub-part F, Appendix A (AHERA), and if applicable, the Point Count Method 600/R-93/116 (1000 Point), (July 1993). The survey was conducted in accordance with CAL/OSHA, EPA AHERA and South Coast Air Quality Management District sampling protocols using non-destructive representative sampling techniques. See attached, Asbestos Bulk Sampling Field Log for materials and locations of samples collected.

In addition, XRF Niton XL #9739, Model XLp 300A, 40 mCi Cd-109, readings of all impacted and painted components were taken onsite by Yonan Benjamin, Lead Inspector/Assessor, Cert.# LRC-00008161.

III. Findings/Conclusions

**1-Results Table Summary **

Sample #	Material Sampled	Sample Location	Quantity	Analytical Results	Friability	Condition	Percent Damaged
WS-1	Plaster Wall	Classroom 3	900ft ²	Non Detected	Non Friable	Intact	0%
WS-2	Plaster Wall	Classroom 2	900ft ²	Non Detected	Non Friable	Intact	0%
WS-3	Plaster Wall	Classroom 1	900ft ²	Non Detected	Non Friable	Intact	0%
FT-1	Floor Tile (white)	Classroom 3	1,100ft ²	Non Detected	Non Friable	Intact	0%
FT-1	Mastic (yellow)	Classroom 3	1,100ft ²	Non Detected	Non Friable	Intact	0%
FT-2	Floor Tile (white)	Classroom 2	1,000ft ²	Non Detected	Non Friable	Intact	0%
FT-2	Mastic (yellow)	Classroom 2	1,000ft ²	Non Detected	Non Friable	Intact	0%
FT-3	Floor Tile (white)	Classroom 1	800ft ²	Non Detected	Non Friable	Intact	0%
FT-3	Mastic (yellow)	Classroom 1	800ft ²	Non Detected	Non Friable	Intact	0%
WP-1	Window Putty	Exterior Window	90ft ²	Non Detected	Non Friable	Intact	0%
WP-2	Window Putty	Exterior Window	90ft ²	Non Detected	Non Friable	Intact	0%
WP-3	Window Putty	Exterior Window	90ft ²	Non Detected	Non Friable	Intact	0%
CT-1	Ceiling Tile	Classroom 3	8,000ft ²	Non Detected	Non Friable	Intact	0%
CT-2	Ceiling Tile	Classroom 2	8,000ft ²	Non Detected	Non Friable	Intact	0%
CT-3	Ceiling Tile	Classroom 1	8,000ft ²	Non Detected	Non Friable	Intact	0%
CT-4	Ceiling Tile	Office 12x12	6,000ft ²	Non Detected	Non Friable	Intact	0%
CT-5	Ceiling Tile	Office 12x12	6,000ft ²	Non Detected	Non Friable	Intact	0%
CT-6	Ceiling Tile	Office 12x12	6,000ft ²	Non Detected	Non Friable	Intact	0%
PM-1	Penetration Mastic	Roofing Area	400ft ²	5% Chrysotile	Non Friable	Intact	0%
PM-2	Penetration Mastic	Roofing Area	400ft ²	5% Chrysotile	Non Friable	Intact	0%
PM-3	Penetration Mastic	Roofing Area	400ft ²	5% Chrysotile	Non Friable	Intact	0%
CB-1	Cove Base (gray)	Classroom 3	200ft ²	Non Detected	Non Friable	Intact	0%
CB-1	Mastic (white)	Classroom 3	200ft ²	Non Detected	Non Friable	Intact	0%
CB-2	Cove Base (gray)	Classroom 2	200ft ²	Non Detected	Non Friable	Intact	0%

CB-2	Mastic (white)	Classroom 2	200ft ²	Non Detected	Non Friable	Intact	0%
CB-3	Cove Base (gray)	Office	200ft ²	Non Detected	Non Friable	Intact	0%
CB-3	Mastic (white)	Office	200ft ²	Non Detected	Non Friable	Intact	0%
S-1	Stucco	Exterior Wall	9,000ft ²	Non Detected	Non Friable	Intact	0%
S-2	Stucco	Exterior Wall	9,000ft ²	Non Detected	Non Friable	Intact	0%
S-3	Stucco	Exterior Wall	9,000ft ²	Non Detected	Non Friable	Intact	0%
FT-4	12x12 Floor Tile (white)	Principal Office	800ft ²	Non Detected	Non Friable	Intact	0%
FT-4	Mastic (yellow)	Principal Office	800ft ²	Non Detected	Non Friable	Intact	0%
FT-5	Floor Tile (white)	Server Room	90ft ²	Non Detected	Non Friable	Intact	0%
FT-5	Mastic (yellow)	Server Room	90ft ²	Non Detected	Non Friable	Intact	0%
FT-6	Floor Tile (white)	Server Room	90ft ²	Non Detected	Non Friable	Intact	0%
FT-6	Mastic (yellow)	Server Room	90ft ²	Non Detected	Non Friable	Intact	0%
WS-4	Plaster Wall	Electrical Room	900ft ²	Non Detected	Non Friable	Intact	0%
WS-5	Plaster Wall	Office	900ft ²	Non Detected	Non Friable	Intact	0%
CS-1	Plaster Ceiling	Office Janitor Room	200ft ²	Non Detected	Non Friable	Intact	0%
CS-2	Plaster Ceiling	Office Bathroom West	200ft ²	Non Detected	Non Friable	Intact	0%
CS-3	Plaster Ceiling	Office Bathroom East	200ft ²	Non Detected	Non Friable	Intact	0%
R-1	Roofing Built-Up	Exterior	9,000ft ²	Non Detected	Non Friable	Intact	0%
R-1	Mastic (black)	Exterior	9,000ft ²	3% Chrysotile	Non Friable	Intact	0%
R-2	Roofing Built-Up	Exterior	9,000ft ²	Non Detected	Non Friable	Intact	0%
R-2	Mastic (black)	Exterior	9,000ft ²	3% Chrysotile	Non Friable	Intact	0%
R-3	Roofing Built-Up	Exterior	9,000ft ²	Non Detected	Non Friable	Intact	0%
R-3	Mastic (black)	Exterior	9,000ft ²	3% Chrysotile	Non Friable	Intact	0%

Asbestos

Results of the bulk sample analysis are attached to this report and showed **positive concentrations of asbestos in the roof built up and roof mastic material collected and tested (approx. 9,000ft²).** In addition, there were positive concentrations of asbestos in the penetration mastic material on the Roof (approx. 400ft²). However, there were no concentrations of asbestos in the other structural materials collected and tested. See attached, Asbestos Sampling Field Log for the results and locations.

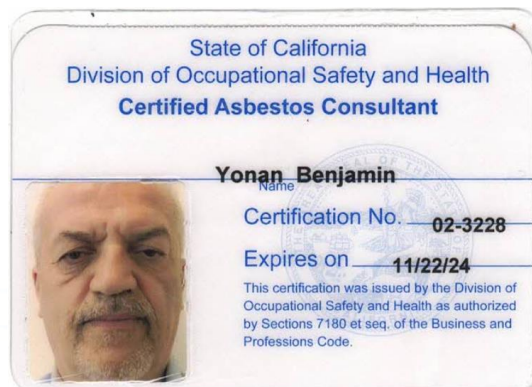
Lead Based Paint

The results of the onsite XRF readings of the painted and ceramic tile components showed readings below the HUD & CDPH standard/guideline of 1.0 mg/cm² in the interior materials tested. **However, there were positive lead readings in the ceramic tile cove base in the Main Office, East Office Restroom (7.3 mg/cm²).**

Thank you for giving L.Y. Environmental, Inc. the opportunity to participate in this investigation. We would be happy to provide any additional services, if necessary. Should there be any questions, or if I may be of further assistance, please feel free to contact me.

Sincerely,
L.Y. Environmental, Inc.

Yonan Benjamin



Yonan Benjamin, CIH CAC LPM
Director, Indoor Air Quality and Industrial Hygiene
Certified Industrial Hygienist (ABIH #7299)
California Asbestos Consultant (DOSH #02/3228)
Lead Inspector/Assessor (LRC-00008161)

Attachments:
Laboratory Results for Asbestos
Chain of Custody
Lead Inspection Sampling Log

CONDITIONS AND LIMITATIONS

L.Y. Environmental, Inc. ("LYEI") has prepared this report for the exclusive use of its client. LYEI, in its survey's measurements, applies approximations of the dimensional areas (square footage) it is not to be relied upon for bidding purposes.

LYEI, in performing its professional services, has applied engineering and scientific judgment that it believes is consistent with OSHA and AHERA industry standards. LYEI has inspected structures and/or contents in a good faith effort to observe pertinent detail. Due to the limitations of time, access, and other variables, certain details may have been overlooked. LYEI has relied in good faith upon the information and representations of others in the preparation of this report and the opinions expressed herein. Accordingly, LYEI accepts no responsibility for deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

It is always possible that chemical and/or biological agents may be present in a building that have not been targeted for assay, have not been identified by science as a potential health threat, or are present in such small quantities or low levels that they were not detected by the sampling and/or analytical methods employed. It is also possible that variables in sample collection, such as those associated with an isolated or intermittent contaminant, the random selection of a sample location, etc., will affect analytical results. Accordingly, it cannot be determined with absolute certainty that there is no risk of exposure to some chemical and/or biological agents.

LYEI will accept no liability for any loss, injury, claim or damage arising directly or indirectly from any use or reliance on this report or the opinions expressed herein. LYEI makes no warranty, expressed or implied.

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City of Redlands Business License #08133546
NVLAP Lab Code: 201000-0

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Analytical Method: EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, in conjunction with EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

[illegible]

[illegible]

[illegible]

Yonan Benjamin L.Y. Environmental, Inc. 909-307-9730 yonan@lyenvironmental.com		Inland Asbestos Ref No.: 24070917											
		Number of Samples: 35						Date Collected: July 24, 2024					
		Sampler: Y. Benjamin						Date Received: July 25, 2024					
		Sample Condition: Acceptable						Date Analyzed: July 30, 2024					
Client Reference: Colton M.S., 670 W. Laurel St., Colton, CA 92374 (Admin Bldg.)		Asbestos Type, %						Non-Asbestos Constituents, %					QC
		Asbestos Detected	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Fiberglass	Synthetic Fibers	Non-Asbestos Non-Fibrous	
Client Sample ID Inland Sample ID	Sample Description - Color Comment												
R-1 240917-33-1	Mastic - black	Yes	3									97	
R-2 240917-34	Roofing Built-Up - white / yellow / black	No										100	
R-2 240917-34-1	Mastic - black	Yes	3									97	
R-3 240917-35	Roofing Built-Up - white / yellow / black	No										100	
R-3 240917-35-1	Mastic - black	No										100	



Analyzed by: Julia Benjamin, Laboratory Director
Approved Signatory

The above analyses of the samples were performed in general compliance with the procedures outlined in EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, in conjunction with EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples. Non-friable organically bound materials may present a problem matrix, therefore Inland Asbestos Lab, Inc. recommends gravimetric analysis. The client is responsible for interpretation and use of test results. This report relates only to the samples reported above and reflects the samples as received. Sample descriptions are generated from the client's field sampling data on the Chain of Custody. This report may not be reproduced, except in full, without written approval from Inland Asbestos Lab, Inc. and must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Inland Asbestos Lab, Inc. bears no responsibility for client sample collection activities or analytical method limitations. The limit of detection for this analytical method is less than 1% and total sample constituents may total greater than 100% due to trace amounts. Building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample unless requested otherwise by the client. Inland Asbestos Lab, Inc. is accredited under the NIST/NVLAP (NVLAP Lab Code: 201000-0) program for bulk asbestos analysis using polarized light microscopy. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available upon request. Please feel free to contact Inland Asbestos Lab, Inc. regarding any questions about this report.

24070917
L.Y. ENVIRONMENTAL, INC.

Date:	7-24-2024
Project No:	
Client:	Colton USD
Site:	Colton M.S. 670 W. Laurel St, Colton, CA 92324
Inspector (s)/ Sampled By:	YONAN BENJAMIN, CAC 02-3228

(Admin BLDG)

ASBESTOS / LEAD BULK SAMPLING FIELD LOG / CHAIN OF CUSTODY

Sample Number	Material Sampled	Sample Location	Quantity (ft ²)	Analytical Results	Friability	Condition	Damaged %
WS-1	Plaster Wall	Classroom 3	900-T		N	I	0
WS-2	"	Classroom 2	900-T		N	I	0
WS-3	"	Classroom 1	900-T		N	I	0
FF-1	Floor tile & Mastic	Classroom 3	1100		N	I	0
FF-2	"	Classroom 2	1000		N	I	0
FF-3	"	Classroom 1	800		N	I	0
WP-1	Window Putty	Exterior Window	90-T		N	I	0
WP-2	"	"	90-T		N	I	0
WP-3	"	"	90-T		N	I	0
CT-1	Ceiling Tile	Classroom 3 (2x4)	8,000-T		F	I	0
CT-2	"	Classroom 2	8,000-T		F	I	0
CT-3	"	Classroom 1	8,000-T		F	I	0
CT-4	"	Office 12x12	6,000-T		N	I	0
CT-5	"	"	6,000-T		N	I	0
CT-6	"	"	6,000-T		N	I	0
PM-1,2,3	Penetration Mastic	Roofing Area	400-T		N	I	0

ND = Not Detected
F = Friable ; N = Non Friable
I = Intact ; D = Damaged ; SD = Significantly Damaged
T = Total Homogeneous Material

RELINQUISHED BY	DATE (DOB)	RECEIVED BY (Lab)	DATE
Yonnan Benjamin	7-24-2024	Julia Benjamin	7/25/24 20800

24070917

L.Y. ENVIRONMENTAL, INC.

Date:	7-24-2024
Project No:	
Client:	Colton USD
Site:	Colton M.S., 670 W. Laurel St., Colton, CA - 92374 (Admin Bldg.)
Inspector (s)/ Sampled By:	YONAN BENJAMIN, CAC 02-3228

ASBESTOS / LEAD BULK SAMPLING FIELD LOG / CHAIN OF CUSTODY

Sample Number	Material Sampled	Sample Location	Quantity (ft ²)	Analytical Results	Friability	Condition	Damaged %
CB-1	Covebase	Classroom 3	200-T		N	F	0
CB-2	"	Classroom 2	200-T		N	I	0
CB-3	"	Office	200-T		N	I	0
S-1	Stucco	Exterior Wall	9,000		N	I	0
S-2	"	"	9,000		N	I	0
S-3	"	"	9,000		N	I	0
FT-4	Floor Tile & Mastic	Principal Office 12x12	800		N	I	0
FT-5	"	Server Room	90		N	I	0
FT-6	"	"			N	I	0
WS-4	Plaster Wall	Electrical Room	900-T		N	I	0
WS-5	"	Office	900-T		N	I	0
CS-1	Plaster Ceiling	Office Janitor Room	200-T		N	I	0
CS-2	"	Office Bathroom West	200-T		N	I	0
CS-3	"	Office Bathroom East	200-T		N	I	0
R-1	Roofing Built-up	Exterior	9,000-T		N	I	0
R-2	"	"	9,000-T		N	I	0
R-3	"	"	9,000-T		N	I	0

ND = Not Detected

F = Friable; N = Non Friable

I = Intact; D = Damaged; SD = Significantly Damaged

T = Total Homogeneous Material

RELINQUISHED BY	DATE (DD)	RECEIVED BY (Lab)	DATE
Yonan Benjamin	7-24-2024	Julia Benjamin	7/25/24 20800

Date Sampling: 7/24/2024
Children:
Year Built:

Lead Inspection Sampling Log
Colton Middle School - 670 W. Laurel Street, Colton, CA 92374 (Admin Building)

SAMPLE #	ROOM	WALL	COMPONENT	SUBSTRATE	PAINT CONDITION	READING	RESULT
1	Classroom 3	A	Wall	Wood	Good	0.00	Negative
2	Classroom 3	B	Wall	Wood	Good	0.00	Negative
3	Classroom 3	C	Wall	Wood	Good	0.00	Negative
4	Classroom 3	D	Wall	Wood	Good	0.00	Negative
5	Classroom 3	C	Wall	Plaster	Good	0.00	Negative
6	Classroom 2	A	Wall	Plaster	Good	0.00	Negative
7	Classroom 2	B	Wall	Plaster	Good	0.00	Negative
8	Classroom 2	C	Wall	Plaster	Good	0.00	Negative
9	Classroom 2	D	Wall	Plaster	Good	0.00	Negative
10	Classroom 2	A	Wall	Wood	Good	0.00	Negative
11	Classroom 2	B	Wall	Wood	Good	0.00	Negative
12	Classroom 2	C	Wall	Wood	Good	0.00	Negative
13	Classroom 2	D	Wall	Wood	Good	0.00	Negative
14	Classroom 1B	A	Floor	Plaster	Good	0.00	Negative
15	Classroom 1B	B	Wall	Plaster	Good	0.00	Negative
16	Classroom 1B	C	Wall	Plaster	Good	0.00	Negative
17	Classroom 1B	D	Wall	Plaster	Good	0.00	Negative
18	Principal's Office	A	Wall	Plaster	Good	0.00	Negative
19	Principal's Office	B	Wall	Plaster	Good	0.00	Negative
20	Principal's Office	C	Wall	Plaster	Good	0.00	Negative
21	Principal's Office	D	Wall	Plaster	Good	0.00	Negative
22	Electric Room	A	Wall	Plaster	Good	0.00	Negative
23	Electric Room	B	Wall	Plaster	Good	0.00	Negative
24	Electric Room	C	Wall	Plaster	Good	0.00	Negative
25	Electric Room	D	Wall	Plaster	Good	0.00	Negative
26	Main Office Server Room	A	Wall	Plaster	Good	0.00	Negative
27	Main Office Server Room	B	Wall	Plaster	Good	0.00	Negative
28	Main Office Server Room	D	Wall	Plaster	Good	0.00	Negative
29	Main Office Attendance Office	A	Wall	Plaster	Good	0.00	Negative
30	Main Office Attendance Office	B	Wall	Plaster	Good	0.00	Negative

Lead Inspection Sampling Log
Colton Middle School - 670 W. Laurel Street, Colton, CA 92374 (Locker Areas)

SAMPLE #	ROOM	WALL	COMPONENT	SUBSTRATE	PAINT CONDITION	READING	RESULT
31	Main Office Attendance Office	C	Wall	Plaster	Good	0.00	Negative
32	Main Office Attendance Office	D	Wall	Plaster	Good	0.00	Negative
33	Main Office File Room	A	Wall	Plaster	Good	0.00	Negative
34	Main Office File Room	B	Wall	Plaster	Good	0.00	Negative
35	Main Office File Room	C	Wall	Plaster	Good	0.00	Negative
36	Main Office File Room	D	Wall	Plaster	Good	0.00	Negative
37	Main Office Boiler Room	A	Wall	Plaster	Good	0.00	Negative
38	Main Office Boiler Room	B	Wall	Plaster	Good	0.00	Negative
39	Main Office Boiler Room	C	Wall	Plaster	Good	0.00	Negative
40	Main Office Boiler Room	D	Wall	Plaster	Good	0.00	Negative
41	Main Office Restroom	A	Wall	Ceramic	Good	0.00	Negative
42	Main Office Restroom	B	Wall	Ceramic	Good	0.00	Negative
43	Main Office Restroom	C	Wall	Ceramic	Good	0.00	Negative
44	Main Office Restroom	D	Wall	Ceramic	Good	0.00	Negative
45	Main Office Restroom		Floor	Ceramic	Good	0.00	Negative
46	Main Office Restroom		Cove Base	Ceramic	Good	0.00	Negative
47	Main Office Staff Restroom	A	Wall	Ceramic	Good	0.00	Negative
48	Main Office Staff Restroom	B	Wall	Ceramic	Good	0.00	Negative
49	Main Office Staff Restroom	C	Wall	Ceramic	Good	0.00	Negative
50	Main Office Staff Restroom	D	Wall	Ceramic	Good	0.00	Negative
51	Main Office Staff Restroom		Floor	Ceramic	Good	0.00	Negative
52	Main Office Staff Restroom		Cove Base	Ceramic	Good	0.00	Negative
53	Main Office Copier Room	A	Wall	Plaster	Good	0.00	Negative
54	Main Office Copier Room	B	Wall	Plaster	Good	0.00	Negative
55	Main Office Copier Room	C	Wall	Plaster	Good	0.00	Negative
56	Main Office Copier Room	D	Wall	Plaster	Good	0.00	Negative
57	Main Office, Office 1	A	Wall	Plaster	Good	0.00	Negative
58	Main Office, Office 1	B	Wall	Plaster	Good	0.00	Negative
59	Main Office, Office 1	C	Wall	Plaster	Good	0.00	Negative
60	Main Office, Office 1	D	Wall	Plaster	Good	0.00	Negative

Lead Inspection Sampling Log
Colton Middle School - 670 W. Laurel Street, Colton, CA 92374 (Locker Areas)

SAMPLE #	ROOM	WALL	COMPONENT	SUBSTRATE	PAINT CONDITION	READING	RESULT
61	Main Office, Records Office	A	Wall	Plaster	Good	0.00	Negative
62	Main Office, Records Office	B	Wall	Plaster	Good	0.00	Negative
63	Main Office, Records Office	C	Wall	Plaster	Good	0.00	Negative
64	Main Office, Records Office	D	Wall	Plaster	Good	0.00	Negative
65	Main Office, East Office Restroom	A	Wall	Ceramic	Good	0.00	Negative
66	Main Office, East Office Restroom	B	Wall	Ceramic	Good	0.00	Negative
67	Main Office, East Office Restroom	C	Wall	Ceramic	Good	0.00	Negative
68	Main Office, East Office Restroom	D	Wall	Ceramic	Good	0.00	Negative
69	Main Office, East Office Restroom		Floor	Ceramic	Good	0.00	Negative
70	Main Office, East Office Restroom		Cove Base	Ceramic	Good	7.30	Positive
71	Main Office, Health Office	A	Wall	Ceramic	Good	0.00	Negative
72	Main Office, Health Office	B	Wall	Ceramic	Good	0.00	Negative
73	Main Office, Health Office	C	Wall	Ceramic	Good	0.00	Negative
74	Main Office, Health Office	D	Wall	Ceramic	Good	0.00	Negative
75	Classroom 3		Door & Door Jamb	Metal	Good	0.00	Negative
76	Classroom 1B		Door & Door Jamb	Metal	Good	0.00	Negative
77	Principals Office		Door & Door Jamb	Metal	Good	0.00	Negative
78	Main Office, Office 1 Entry		Door & Door Jamb	Metal	Good	0.00	Negative
79	Main Office, Attendance Office		Door & Door Jamb	Metal	Good	0.00	Negative
80	Main Office, East Office Restroom		Door & Door Jamb	Metal	Good	0.00	Negative

* Note: East Office Restroom is closest to Office 3*

