

**CITY OF NORWICH
OFFICE OF DEVELOPMENT
23 UNION STREET
NORWICH, CONNECTICUT 06360**

**CITY OF NORWICH
PROPERTY REHABILITATION &
LEAD PAINT HAZARD CONTROL
PROGRAMS
Project LP1646-RP1423**

**10 Mountain Avenue
Norwich, CT. 06360**

PROJECT SPECIFICATION

Bid 1-Lead Paint Hazard Control

**CITY OF NORWICH
INVITATION TO BID PROPERTY REHABILITATION & LEAD PAINT
HAZARD CONTROL PROGRAMS**

**Bid for: LP1646-RP1423
10 Mountain Avenue
Norwich CT 06360**

Bid 1- Lead Paint Hazard Control

Bids are being sought for the project for the property located at:
The residence at

10 Mountain Avenue

This project is being funded through the Property Rehabilitation Program and/or HUD Lead Based Paint Hazard Control in Priority Housing Program. Contractors must be aware that the City of Norwich is an Equal Opportunity Employer. Contract documents including the lead abatement plan and property rehabilitation specifications may be obtained from the Office of Community Development, 23 Union Street, Norwich, CT. Office hours are from 8:30 AM to 4:30 PM, Monday through Friday. **A pre-bid conference will be held on Friday October 18, 2019 at 11:00 AM at the project location. Attendance at that meeting is recommended to bid on this project.**

Sealed bids will be received at the Office of Community Development, 23 Union Street, Norwich, CT until 4:00 PM, on Friday, October 25, 2019, at which time they will be opened and read aloud. The City of Norwich reserves the right to reject any and all bids, or any part of any bid where such action is deemed to be in the best interest of the City.

**EQUAL EMPLOYMENT/OPPORTUNITY
AFFIRMATIVE ACTION
FAIR HOUSING AGENCY**

CITY OF NORWICH
OFFICE OF DEVELOPMENT
23 UNION STREET
NORWICH, CONNECTICUT
860-823-3770

SPECIFICATIONS FOR THE PROJECT KNOWN AS:

10 Mountain Avenue
Norwich, CT 06360

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GENERAL BIDDING INSTRUCTIONS:

1. The contractor is to obtain and review the Project Specifications and prepare a quotation for all work specified on the Company Letterhead and the enclosed bid form.
2. Contractors are urged to attend the Pre-Bid conference on **10-18-19 At 11:00 a.m.** Failure to attend the Pre-Bid conference may result in incomplete bid information.
3. Bid proposals are to be submitted in a sealed envelope addressed as follows:

Community Development, Property Rehabilitation Program
Bid Project: #LP1646-RP1423 10 Mountain Avenue
-On the outside front of the envelope-

4. **The sealed bid proposals will be received until 4:00 PM on 09-25-19,** at the Office of Community development which time they will be opened and read aloud.
5. It is the contractor's responsibility to ensure they have all the project addendums and changes made to the scope of work prior to the bid due date. Copies of the addendum will be available at the city offices. Copies of addendum are to be attached with each bid. Failure to attach the addendum sheets will disqualify the bidder.

The information contained in this bid package is for the purpose of providing general project specifications of the items included in the scope of work. Code compliance work required by the local building officials and fire marshal will be limited to those items directly relating to lead abatement activities. All other code compliance issues will be the responsibility of the property owner, and will not be funded under this program.

Payments will be requested by the Contractor according to contract provisions. The Contractor will submit payment requests to Program Management in the form of a billing request. Program Management will then conduct an inspection with the Property Owner in order to authorize payment or request revisions. Once billing ('s) are approved, a check will be issued to the contractor. The contractor may then pick up the check or notify the City to mail it to the contractors address listed herein. Contractors should allow a minimum of 15 days for payment of approved invoices. The contract documents further describe the payment process.

Items not included in this specification, that are required for a complete installation or operation are considered part of this specification. All issues pertaining to code compliance should be directed to the Building Official. It is the responsibility of the contractor to secure and pay for all required permits, and terminate all required permits with inspections required by the permitting authority. Copies of all permits to be provided to the City at the time of issue and release.

Prior to the start of any construction activities, the contractor must request a pre-abatement inspection which will review the containment preparations, licensure, and proper set up of construction activities and safety equipment, if the work Specification requires it.

**NOTICE OF INVITATION TO BID
GENERAL INFORMATION**

PROJECT NAME: LP1646-RP1423
ADDRESS: 10 Mountain Avenue
Norwich, Connecticut, 06360

OWNERS NAME: Wingyan R. Liang
OWNERS ADDRESS: 16 Desjardins Drive
Norwich CT. 06320

OWNERS PHONE NO: 860-608-9809

For the City of Norwich, Contact:

City of Norwich
Office of Development
23 Union Street
Norwich, CT 06360
(860) 823-3770
Wayne R. Sharkey, Property Rehabilitation, Program Manager
Office hours: Monday – Friday 8:30 am – 4:30 pm

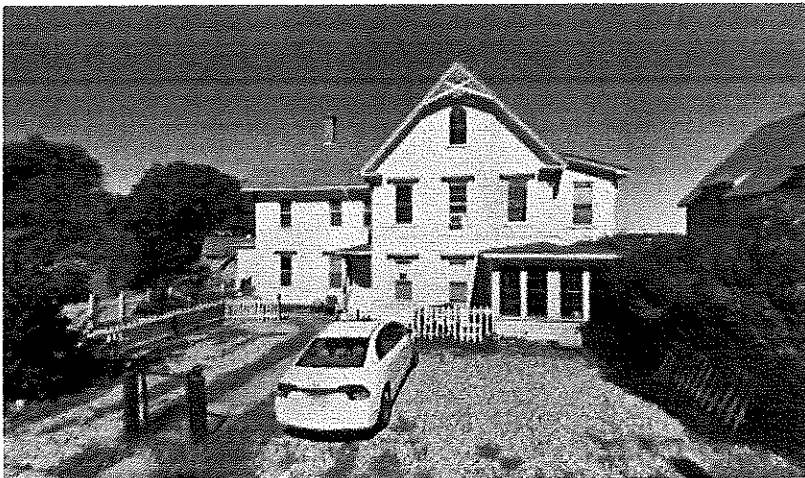
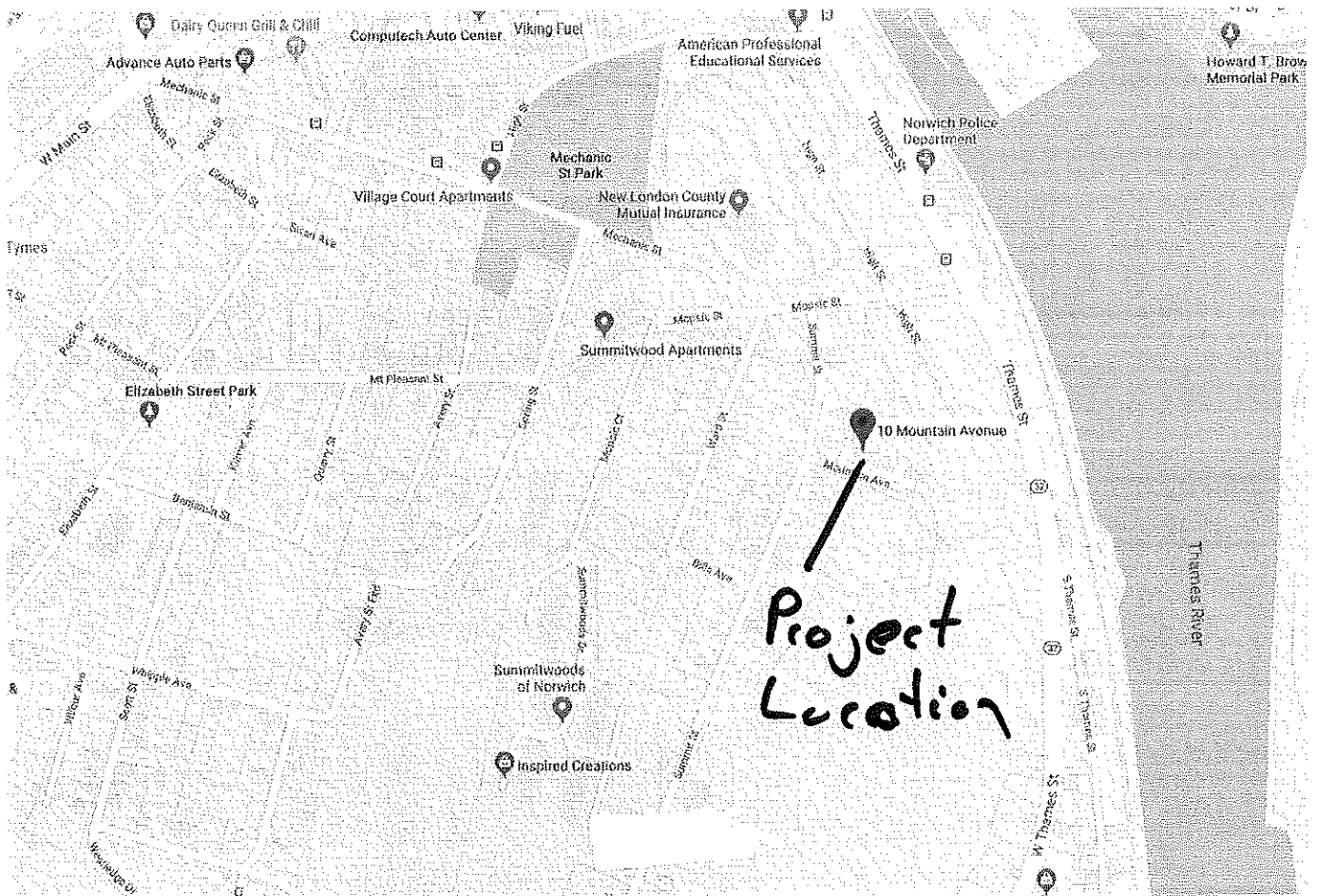
Contractor:

Additional project specifications may be obtained at:

Community Development Office
23 Union Street
Norwich, Connecticut 06360
(860) - 822 - 3770

Project specifications may be obtained during normal business hours 8:30 AM - 4:30 PM,
Monday thru Friday.

10 Mountain Ave



10 Mountain Ave

Norwich, CT 06360

BIDDING AND GENERAL PROGRAM POLICIES

1. The omission of any items listed in the Basic Bid Package will result in the disqualification of the bid.
2. All addendums and scope changes discussed at the bid walk through will be written up and available at the city office prior to the bid opening date. All addendum and changes to be attached to the bid forms and signed by the contractor. Failure to attach addendum and changes may result in bid disqualification.
3. Bid readings are open to the public. No bid documents will be made available to contractors or the public without supervision at the bid opening. Results of the bidding will be available at the Office of Development the following business day.
4. The City of Norwich reserves the right to reject any bid when it is deemed to be in the best interest of the City and/or the property owner. The City of Norwich further reserves the right to accept or reject portions of any bid when it is deemed to be in the best interest of the City and or the property owner.
5. Disputes and protests:
 - a. If a contractor feels that a bidder has submitted an incomplete bid, or has evidence of other improprieties that negatively impact their own qualified bid, they may file a protest with the City of Norwich, Office of Development within 7 calendar days of the Bid opening.
 - b. Such notice shall be in writing and include copies of evidence required to prove or disprove the questionable bids.
 - c. Bid protests will not be accepted by unqualified bidders, or bidders who have been disqualified for incomplete bids.
 - d. All bid protests will be reviewed by program staff and the Director of Development. The decision rendered by the director of development will be final.
 - e. Contractors submitting frivolous bid protests are hereby warned that unjustified and groundless protests may result in the loss of future bidding privileges
6. Bidder Limitation Policies:
 - a. Bidders may hold no more than three active contracts between either the Lead or Rehab program. (However Contractors may request exception to this rule if they can provide assurances sufficient to the timely start and completion of project contracts.) Acceptance/denial of such a request is solely at the discretion of the Rehabilitation Specialist.
 - b. Bidders holding three open contracts, will be prohibited from future bidding until the closeout of one or more open contracts. (see- exception clause)
 - c. Contract holders that are in delinquent standing of any project completion date, may be prohibited from bidding until all delinquent projects are closed out.
 - d. New Contractors will be subject to a probationary period in which they may hold only one contract. Once a new contractor has entered into their first contract for a Property Rehabilitation or Lead Hazard Reduction project, they will not be allowed to bid further projects until the successful completion of the probationary period. During the probationary period the Contractor will be evaluated based on

their performance according to both the project contract, and overall program requirements. At the completion of the project the Program Manger will give the Contractor written notice outlining their acceptance or denial as a Contractor "in good standing", for future Projects.

7. Lead Abatement Clearance Policies:
 - e. Both the first and second rounds of dust wipes tests are included in program costs.
 - f. Further failures will be assessed to the project contractor in the form of an \$80.00 per hour inspector fee.
 - g. All additional testing fees must be paid in full prior to the release of final payment to the contractor.

BASIC PRODUCT SELECTION ALLOWANCES:

As the most common work items for Lead Paint Hazard Control projects, the following door selection pricings will be implemented as they are applicable to each project scope.

Exterior grade door (standard sizes), hardware & trim: Max Owner selection \$500.00 per

Exterior grade door with Side lights, hardware & trim: Max Owner selection \$1,000.00 per

Interior Door slab only: Max Owner selection \$85.00 per

Interior Door, casing, trim, and hardware: Max Owner Selection \$175.00 per

Storm Doors: \$225.00

General Selections such as roof or siding colors are to be documented between the Contractor and Home Owner then submitted to the Program Manager prior to start of work.

OTHER PRODUCT BIDDING REQUIREMENTS

Where Lead Paint Hazard Control, and Rehabilitation Projects include various other building products, the contractor is responsible to include "Builders Grade Materials and Products, with basic selections for colors and style where applicable."

For program purposes (Builders Grade Products) shall be defined as middle grade market available building products by costs. Prior to contract signing, the Contractor, Program Manager and Property owner will meet to review and approve all product selections.

NOTE: Property owners may elect to select higher grade or specialty products only at their own cost, and if such a selection does not delay the normal agreed upon schedule of work. No product alterations shall be made after contract signing unless under special circumstance, approved by Program Management.

HISTORICAL REQUIREMENTS (Windows)

Some projects that are located in National or Local historic districts must comply with the following:

- 1. All wood construction window.**
- 2. In like form and fashion of the pre-existing.**
- 3. May be simulated divide, but manufactured Mullions must be part of the factory construction of the window unit not after-market pieces.**
- 4. All windows must be primed and painted to match original.**

BASIC BID PACKAGE: Bid 1-Lead Paint Hazard Control

The City of Norwich, Office of Community Development basic bid package is enclosed and shall be submitted as follows:

1. This Instruction Sheet with signed bidders certification
2. Payment Request from filled out and totaled.
3. Non-Collusion Affidavit.
4. Proof of insurance
5. Proof of licensure as a home improvement contractor in the State of Connecticut.
6. Proof of Licensure as a Lead Abatement contractor in the State of Connecticut (if applicable)
7. Copies of all addendum sheets properly signed and filled out as directed.

*** Please note, items 3,4,5, and 6 may be submitted once annually. It is also the contractor's responsibility to insure that these items are updated as they expire. Please be aware that the submittal of items 1,2,and 7 will only constitute a complete bid package if all other items are on file and up to date with the City of Norwich.

BIDDERS CERTIFICATION

I, _____, acting on behalf of _____
A contractor registered in the State of Connecticut, have reviewed the bid requirements, bid documents and site conditions and hereby propose to complete the work specified for the amount of _____ dollars (\$ _____)

I will guarantee this price for a maximum of 15 days from the date of this proposal. I will be able to start this project on or about _____, 2019. This project is allotted **25, calendar days** to complete the specified scope, baring weather and or other excusable delays. (Note: Work items that cannot be undertaken during winter months such as exterior encapsulation or soils, shall have a completion date of no later than May 30th) I am aware that if I fail to complete the work in the time required, I may be penalized based upon the terms of the contract.

Signed by: _____ (Print Name) Date: _____

Signature: _____ Phone: _____

Contractor Name: _____

Address: _____

City of Norwich, Property Rehabilitation Program				
Payment Request Form				
Contractor Name:				
Authorized signature:				
PROPERTY ADDRESS:			DATE:	
10 Mountain Avenue			Req. No.:	
Norwich CT. 06360				
Lead Paint Hazard Control				
	BID	1st. REQ	2nd. REQ	Final REQ
DESCRIPTION	AMOUNT	DATE	DATE	DATE
Permits and Fees				
Waste Disposal				
Exterior Encap all lp				
Windows/blocking/wrap all lp				
Exterior Siding all lp				
Soils/yard lp				
Front Porch all lp				
Front Stairs all lp				
Rear Stairs all lp				
Base Stairs all lp				
1st Floor all lp				
2nd Floor all lp				
Interior Common areas all lp				
ALT. 1				
ALT. 2				
TOTALS				
Received to Date:				
This Request:				10% Retain
Total Paid to Date			Total Retainage	
Approved by Owner			Date	
Approved by City			Date	
Approved by Contractor			Date	
PROJECT SCHEDULE:				
Proposed Start Date				

201. NON-COLLUSION AFFIDAVIT OF CONTRACTOR

State of _____)
) ss.
County of _____)

_____, being first duly sworn, deposes and says that :

(1) He is (owner, partner, officer, representative, or agent) of

(hereafter refer to as the "Contractor"), who has executed the Agreement, of which this affidavit is a part;

(2) He is fully informed respecting the preparation and contents of said Agreement and the Contract Price and all pertinent circumstances respecting such Agreement and Contract Price;

(3) Such Contract Price is genuine and not a collusive or sham price;

(4) Neither the Contractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other contractor, bidder, firm or person to submit a collusive or sham price or bid in connection with such work, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other contractor, bidder, firm or person to fix the price or prices offered by the Contractor and accepted by the owner, or to fix the offered price of any other bidder, or to secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the Owner and/or the City or any person interested in this agreement; and

(5) The price or prices offered by the contractor and accepted by the Owner as the Contract price is fair and proper and is not obtained by any collusion, conspiracy, connivance or unlawful agreement on the part of the Contractor or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

(Seal, if corporation) _____

By: _____

Title: _____

Subscribed and sworn to before me this _____ day of

_____, 20_____.

***** General Acknowledgement: This Affidavit is to apply to all projects, bid through the City of Norwich, Community Development Center. (2019)**

How to read the data sheets

Starting from the left side column.

Index	The instrument assigns a number to every reading.
Fl.	Floor level
Room	Indicated which room or area was tested. The room or area is also detailed on the floor plan.
Side	The side of the room that faces the street is the A Side, the B side is clockwise to the A wall, the C wall is opposite the A wall and so on. For the exterior the A side is the front facing the street, the B side is clockwise, the C side is the rear ect. See attached floor plan for more details.
Component	Indicates which building component was tested, window, door, wall ect. Many components have sub-components such as a window <i>casing</i> or window <i>sash</i> . If there is more than 1 similar building component on a wall in a room or area, than the component may be further described as being the Lft for left, Ctr for center or Rht for right. This would be as you face the wall.
Substrate	Indicates what building material the component was constructed of. Not always accurate for drywall or plaster walls.
Color	Indicates the color of the test surface. The color selected is influenced by many factors including lighting, contrasting colors, smoke films and others.
Condition	Indicates the condition of the paint film or the substrate. The ratings are as follows; Intact, a paint film with no cracked or peeling paint; Fair, the paint film is cracked or chipped but paint chips can not be picked off; Poor, the paint film is cracked or chipped and paint chips can be picked off; Peeling; the paint film is very loose and can fall off with little or no external effort; Defective-Sub, defective substrate. The worse visible condition is noted. Substrate conditions are only listed if it affects the condition of the paint film.
Result	Indicates the results of that test. Either Positive, equal to or greater than 1.0 milligrams lead per square centimeter of surface ($1.0\text{mg}/\text{cm}^2$) Negative meaning below the action level of $1.0\text{mg}/\text{cm}^2$ or Null if the reading was interrupted and not completed. The incomplete reading is almost always followed by a complete reading from the same surface. All positive reading lines are in color print.
PbC	This is the range of the lead concentration in the dry paint. The testing instrument narrows the reading down to plus or minus from the main (1^{st}) number.

On the data sheets any lead reading $1.0\text{mg}/\text{cm}^2$ or greater is positive for lead-based paint and the line for that reading is in color print. The calibration readings are from the known control standards and not from any painted surface on the property tested. Even a property that has been certified as being "free of lead-based paint" will still have positive calibration readings listed on the report.

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
1				Calibration- Surface			1.53mg/cm ²	Positive	1.60 ± 0.20
2				Calibration- Surface			1.04mg/cm ²	Positive	1.00 ± 0.10
3				Calibration- Surface			1.04mg/cm ²	Positive	1.10 ± 0.10
4				Calibration- Surface			1.04mg/cm ²	Positive	1.10 ± 0.10
5				Calibration- Surface			0.01mg/cm ²	Negative	0.00 ± 0.02
6	1st	Foyer	A	Door	Metal	White	Intact	Negative	0.00 ± 0.02
7	1st	Foyer	A	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
8	1st	Foyer	A	Door Casing	Wood	White	Intact	Negative	0.05 ± 0.18
9	1st	Foyer	C	Door	Wood	Brown	Fair	Negative	0.00 ± 0.02
10	1st	Foyer	C	Door	Wood	Brown	Fair	Negative	0.00 ± 0.03
11	1st	Foyer	C	Door Jamb	Wood	Yellow	Poor	Positive	3.30 ± 1.30
12	1st	Foyer	C	Door Casing	Wood	Yellow	Poor	Positive	17.60 ± 10.70
13	1st	Foyer	C	Door Threshold	Wood	Red	Intact	Negative	0.29 ± 0.25
14	1st	Foyer	C	Door Threshold	Wood	Red	Intact	Negative	0.30 ± 0.26
15	1st	Foyer	D	Shelf	Wood	Yellow	Intact	Negative	0.05 ± 0.26
16	1st	Foyer	D	Wall Clat	Wood	Brown	Intact	Positive	4.10 ± 2.20
17	1st	Foyer	A	Wall	Wood	Yellow	Intact	Positive	6.80 ± 3.70
18	1st	Foyer	B	Wall	Wood	Yellow	Intact	Positive	8.90 ± 4.20
19	1st	Foyer	C	Wall	Wood	Yellow	Intact	Positive	9.00 ± 4.20
20	1st	Foyer	D	Wall	Wood	Yellow	Intact	Positive	10.30 ± 4.50
21	1st	Foyer	C	Ceiling	Wood	Yellow	Intact	Positive	16.50 ± 10.10
22	1st	Room 1	A	Window Sill	Wood	White	Intact	Positive	12.30 ± 4.90
23	1st	Room 1	A	Window Casing	Wood	White	Intact	Positive	17.70 ± 6.20
24	1st	Room 1	B	Window Sill	Wood	White	Intact	Positive	10.50 ± 4.70
25	1st	Room 1	B	Window Casing	Wood	White	Intact	Positive	14.20 ± 5.40
26	1st	Room 1	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
27	1st	Room 1	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
28	1st	Room 1	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.03
29	1st	Room 1	A	Baseboard	Wood	White	Intact	Negative	0.20 ± 0.25
30	1st	Room 1	C	Baseboard	Wood	White	Intact	Negative	0.20 ± 0.22
31	1st	Room 1	A	Radiator	Metal	Brown	Intact	Negative	0.01 ± 0.03
32	1st	Room 1	C	Cabinet Door	Wood	Varnish	Intact	Negative	0.00 ± 0.02
33	1st	Room 1	C	Cabinet Frame	Wood	Varnish	Intact	Negative	0.00 ± 0.02
34	1st	Room 1	A	Wall	Drywall	White	Intact	Positive	2.30 ± 1.10
35	1st	Room 1	B	Wall	Plaster	White	Intact	Positive	1.40 ± 0.30
37	1st	Room 1	C	Wall	Plaster	White	Intact	Null	1.60 ± 0.30
38	1st	Room 1	C	Wall	Plaster	White	Intact	Positive	2.00 ± 0.50
39	1st	Room 1	D	Wall	Plaster	White	Intact	Null	0.40 ± 0.10
40	1st	Room 1	D	Wall	Plaster	White	Intact	Positive	2.20 ± 0.80
41	1st	Room 1	C	Chimney	Plaster	White	Intact	Positive	1.40 ± 0.20
42	1st	Room 1	C	Ceiling	Plaster	White	Intact	Negative	0.09 ± 0.89
43	1st	Bath	B	Window Sill	Wood	Brown	Fair	Negative	0.07 ± 0.13
44	1st	Bath	B	Window Casing	Wood	Brown	Intact	Negative	0.02 ± 0.08
45	1st	Bath	B	Window Sash Int.	Wood	Brown	Poor	Negative	0.06 ± 0.17
46	1st	Bath	B	Window Sill Ext.	Wood	Beige	Peeling	Negative	0.30 ± 0.21
47	1st	Bath	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
48	1st	Bath	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
49	1st	Bath	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
50	1st	Bath	B	Baseboard	Wood	White	Intact	Negative	0.00 ± 0.02
51	1st	Bath	B	Radiator	Metal	Brown	Intact	Negative	0.03 ± 0.07
52	1st	Bath	C	Cabinet Door Lwr	Wood	Brown	Intact	Negative	0.00 ± 0.03
53	1st	Bath	C	Cabinet Body	Wood	Brown	Intact	Negative	0.00 ± 0.02

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
54	1st	Bath	A	Shelf	Plywood	Wallpaper	Intact	Negative	0.03 ± 0.05
55	1st	Bath	A	Shelf	Plywood	Wallpaper	Intact	Negative	0.03 ± 0.08
56	1st	Bath	B	Shelf Cleat	Plywood	White	Intact	Negative	0.00 ± 0.03
57	1st	Bath	A	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
58	1st	Bath	B	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
59	1st	Bath	D	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
60	1st	Bath	D	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
61	1st	Bath	B	Ceiling	Drywall	White	Intact	Negative	0.00 ± 0.02
62	1st	Kitchen	A	Window Sill	Wood	Varnish	Poor	Negative	0.03 ± 0.02
63	1st	Kitchen	A	Window Casing	Wood	Varnish	Intact	Negative	0.01 ± 0.04
64	1st	Kitchen	A	Door	Wood	Varnish	Intact	Negative	0.02 ± 0.09
65	1st	Kitchen	A	Door Casing	Wood	Varnish	Intact	Negative	0.03 ± 0.15
66	1st	Kitchen	A	Door Jamb	Wood	Varnish	Intact	Negative	0.40 ± 0.20
67	1st	Kitchen	B	Door Lft	Wood	White	Intact	Negative	0.00 ± 0.02
68	1st	Kitchen	B	Door Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
69	1st	Kitchen Alove	B	Door Rht	Wood	White	Intact	Negative	0.00 ± 0.03
70	1st	Kitchen Alove	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
71	1st	Kitchen Alove	B	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
72	1st	Kitchen	C	Opening Jamb	Drywall	White	Intact	Negative	0.00 ± 0.02
73	1st	Kitchen	D	Door Lft	Wood	Varnish	Intact	Negative	0.00 ± 0.03
74	1st	Kitchen	D	Door Jamb	Wood	Varnish	Intact	Negative	0.09 ± 0.09
75	1st	Kitchen	D	Door Casing	Wood	Varnish	Intact	Negative	0.01 ± 0.03
76	1st	Kitchen	D	Door Rht	Wood	White	Intact	Negative	0.00 ± 0.02
77	1st	Kitchen	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
78	1st	Kitchen	A?	Cabinet Door Lwr	Wood	Varnish	Intact	Negative	0.01 ± 0.05
79	1st	Kitchen	A?	Cabinet Body	Wood	Varnish	Intact	Negative	0.03 ± 0.06
80	1st	Kitchen Alove	C	Cabinet Door Lwr	Wood	Varnish	Intact	Negative	0.00 ± 0.03
81	1st	Kitchen Alove	C	Cabinet Body	Wood	Varnish	Intact	Negative	0.00 ± 0.04
82	1st	Kitchen Alove	A	Cabinet Door Rht.	Plywood	Beige	Intact	Negative	0.00 ± 0.02
83	1st	Kitchen Alove	A	Cabinet Body	Wood	Beige	Intact	Negative	0.00 ± 0.02
84	1st	Kitchen Alove	A	Cabinet Shelf	Wood	White	Poor	Negative	0.90 ± 0.10
85	1st	Kitchen Alove	A	Cabinet Shelf	Wood	White	Poor	Positive	1.80 ± 0.70
86	1st	Kitchen Alove	A	Cabinet Wall	Plaster	White	Intact	Negative	0.40 ± 0.10
87	1st	Kitchen Alove	Ctr	Opening Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
88	1st	Kitchen	D	Cabinet Door	Wood	Beige	Intact	Negative	0.00 ± 0.02
89	1st	Kitchen	D	Cabinet Frame	Wood	Beige	Intact	Negative	0.00 ± 0.02
90	1st	Kitchen	B	Baseboard	Wood	White	Intact	Negative	0.00 ± 0.02
91	1st	Kitchen	A	Wall - Lower	Paneling	White	Intact	Negative	0.00 ± 0.02
92	1st	Kitchen	B	Wall - Lower	Paneling	White	Intact	Negative	0.00 ± 0.02
93	1st	Kitchen	D	Wall - Lower	Paneling	White	Intact	Negative	0.00 ± 0.02
94	1st	Kitchen	D	Chair Rail	Wood	White	Intact	Negative	0.00 ± 0.02
95	1st	Kitchen	A	Wall - Upper	Plaster	White	Intact	Negative	0.28 ± 0.52
96	1st	Kitchen	B	Wall - Upper	Plaster	White	Intact	Negative	0.30 ± 0.53
98	1st	Kitchen	C	Wall	Drywall	White	Intact	Negative	0.00 ± 0.02
99	1st	Kitchen	D	Wall Lft	Drywall	White	Intact	Negative	0.00 ± 0.02
100	1st	Kitchen	D	Wall - Upper	Drywall	White	Intact	Negative	0.00 ± 0.02
101	1st	Kitchen	D	Ceiling	Plaster	White	Intact	Negative	0.00 ± 0.02
103	1st	Room 2	C	Window Sill	Plywood	Beige	Intact	Negative	0.00 ± 0.02
104	1st	Room 2	C	Window Casing	Wood	Beige	Intact	Negative	0.00 ± 0.02
105	1st	Room 2	B	Door	Wood	White	Intact	Negative	0.00 ± 0.02
106	1st	Room 2	B	Door Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.03
107	1st	Room 2	B	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.03

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
108	1st	Room 2	B	Door Threshold	Wood	Varnish	Intact	Negative	0.00 ± 0.04
109	1st	Room 2	D	Cabinet Door	Plywood	Varnish	Intact	Negative	0.01 ± 0.05
110	1st	Room 2	D	Cabinet Door Int	Plywood	White	Intact	Negative	0.01 ± 0.05
111	1st	Room 2	D	Cabinet Shelf	Wood	White	Intact	Negative	0.01 ± 0.07
112	1st	Room 2	D	Cabinet Wall	Plywood	White	Intact	Negative	0.02 ± 0.07
113	1st	Room 2	C	Radiator	Metal	White	Intact	Negative	0.00 ± 0.02
114	1st	Room 2	A	Wall	Drywall	Beige	Intact	Negative	0.00 ± 0.02
115	1st	Room 2	B	Wall	Drywall	Beige	Intact	Negative	0.00 ± 0.02
116	1st	Room 2	C	Wall	Drywall	Beige	Intact	Negative	0.00 ± 0.02
118	1st	Room 2	C	Ceiling	Plaster	Beige	Intact	Negative	0.40 ± 0.50
119	1st	Rear Entry	C	Door	Metal	White	Intact	Negative	0.00 ± 0.02
120	1st	Rear Entry	C	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
121	1st	Rear Entry	C	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
122	1st	Rear Entry	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
123	1st	Rear Entry	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
124	1st	Rear Entry	D	Door Kick Plate	Wood	White	Defective	Negative	0.08 ± 0.11
125	1st	Rear Entry	B	Opening Casing	Wood	White	Intact	Positive	6.80 ± 3.40
126	1st	Rear Entry	B	Opening Jamb	Wood	White	Intact	Positive	4.60 ± 1.40
127	1st	Rear Entry	A	Window Casing	Wood	White	Intact	Positive	7.00 ± 4.00
128	1st	Rear Entry	A	Window Sill	Wood	White	Intact	Positive	8.10 ± 4.60
129	1st	Rear Entry	A	Window Sash Fixed	Wood	White	Intact	Negative	0.90 ± 0.10
130	1st	Rear Entry	A	Window Sash Fixed	Wood	White	Intact	Null	1.00 ± 0.30
131	1st	Rear Entry	A	Window Sash Fixed	Wood	White	Intact	Positive	1.30 ± 0.20
132	1st	Rear Entry	A	Wall	Wood	White	Intact	Positive	2.20 ± 0.80
133	1st	Rear Entry	B	Wall	Wood	White	Intact	Positive	15.90 ± 5.90
134	1st	Rear Entry	D	Wall	Wood	White	Intact	Positive	1.10 ± 0.10
135	1st	Rear Entry	C	Transom Stop	Wood	White	Intact	Positive	37.80 ± 17.90
136	1st	Rear Entry	C	Transom Casing	Wood	White	Intact	Positive	7.00 ± 3.60
137	1st	Rear Entry	C	Ceiling	Wood	White	Intact	Positive	6.40 ± 3.20
138	1st	Room 3	A	Window Sill Lft	Wood	White	Intact	Positive	10.10 ± 4.40
139	1st	Room 3	A	Window Casing	Wood	White	Intact	Positive	10.60 ± 4.60
140	1st	Room 3	A	Window Sill Rht	Wood	White	Intact	Positive	11.50 ± 4.90
141	1st	Room 3	A	Window Casing	Wood	White	Intact	Positive	11.10 ± 4.80
142	1st	Room 3	B	Window Sill	Wood	White	Intact	Positive	5.30 ± 3.00
143	1st	Room 3	B	Window Casing	Wood	White	Intact	Positive	11.70 ± 5.00
144	1st	Room 3	B	Door	Wood	White	Intact	Negative	0.00 ± 0.02
145	1st	Room 3	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
146	1st	Room 3	B	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
147	1st	Room 3	C	Closet Door	Wood	White	Intact	Negative	0.00 ± 0.02
148	1st	Room 3	C	Closet Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
149	1st	Room 3	C	Closet Baseboard	Wood	White	Intact	Positive	17.10 ± 6.00
150	1st	Room 3	C	Closet Baseboard Narrow	Wood	White	Intact	Negative	0.00 ± 0.02
151	1st	Room 3	C	Closet Wall	Drywall	Beige	Intact	Negative	0.00 ± 0.02
152	1st	Room 3	A	Baseboard	Wood	White	Intact	Positive	13.80 ± 5.30
153	1st	Room 3	D	Baseboard	Wood	White	Intact	Positive	18.90 ± 11.00
154	1st	Room 3	A	Radiator	Metal	Brown	Intact	Negative	0.01 ± 0.03
155	1st	Room 3	A	Wall	Plaster	White	Intact	Negative	0.00 ± 0.02
156	1st	Room 3	B	Wall	Drywall	White	Intact	Negative	0.00 ± 0.02
157	1st	Room 3	C	Wall Lft	Drywall	White	Intact	Negative	0.00 ± 0.02
158	1st	Room 3	D	Wall	Plaster	White	Intact	Negative	0.00 ± 0.02
159	1st	Room 3	D	Ceiling	Plaster	White	Intact	Negative	0.30 ± 0.19
160	1st	Room 3	D	Ceiling Trim	Wood	White	Intact	Negative	0.00 ± 0.02

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
161	1st	Room 3	A	Floor	Wood	Varnish	Intact	Negative	0.00 ± 0.02
162	1st	Room 4	C	Window Sill	Wood	Varnish	Fair	Negative	0.06 ± 0.07
163	1st	Room 4	C	Window Casing	Wood	Varnish	Intact	Negative	0.60 ± 0.10
164	1st	Room 4	C	Window Casing	Wood	Varnish	Intact	Negative	0.70 ± 0.10
165	1st	Room 4	B	Door	Wood	Varnish	Intact	Negative	0.00 ± 0.02
166	1st	Room 4	B	Door Jamb	Wood	Varnish	Intact	Negative	0.60 ± 0.10
167	1st	Room 4	B	Door Casing	Wood	Varnish	Intact	Negative	0.12 ± 0.09
168	1st	Room 4	D	Door Lft	Wood	White	Intact	Negative	0.00 ± 0.02
169	1st	Room 4	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.03
170	1st	Room 4	D	Door Casing	Wood	Varnish	Intact	Negative	0.00 ± 0.02
171	1st	Room 4	D	Door Rht	Metal	White	Intact	Negative	0.00 ± 0.02
172	1st	Room 4	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
173	1st	Room 4	A	Cabinet Door Lwr	Wood	Varnish	Intact	Negative	0.01 ± 0.03
174	1st	Room 4	A	Cabinet Door Uptr	Wood	Varnish	Intact	Negative	0.01 ± 0.03
176	1st	Room 4	A	Cabinet Shelf	Wood	Varnish	Intact	Negative	0.02 ± 0.07
177	1st	Room 4	A	Cabinet Wall	Wood	Varnish	Intact	Negative	0.04 ± 0.10
178	1st	Room 4	A	Cabinet Frame	Wood	Varnish	Intact	Negative	0.01 ± 0.03
179	1st	Room 4	B	Baseboard	Wood	Varnish	Intact	Negative	0.08 ± 0.08
180	1st	Room 4	C	Baseboard	Wood	Varnish	Intact	Negative	0.14 ± 0.11
181	1st	Room 4	C	Radiator	Metal	Black	Intact	Negative	0.03 ± 0.08
182	1st	Room 4	A	Wall Lft	Plaster	Pink	Intact	Negative	0.07 ± 0.07
183	1st	Room 4	B	Wall	Plaster	Pink	Intact	Negative	0.14 ± 0.07
184	1st	Room 4	C	Wall	Plaster	Pink	Intact	Negative	0.17 ± 0.12
185	1st	Room 4	D	Wall Ctr	Drywall	Green	Intact	Negative	0.00 ± 0.02
186	1st	Room 4	A	Ceiling	Drywall	White	Intact	Negative	0.00 ± 0.02
187	1st	Room 3	A	Floor	Wood	Varnish	Intact	Negative	0.00 ± 0.03
188	1st	Room 5	D	Window Sill	Wood	White	Intact	Negative	0.13 ± 0.15
189	1st	Room 5	D	Window Casing	Wood	White	Intact	Negative	0.40 ± 0.40
190	1st	Room 5	C	Door	Wood	White	Intact	Negative	0.00 ± 0.02
191	1st	Room 5	C	Door Jamb	Wood	White	Intact	Positive	1.60 ± 0.40
192	1st	Room 5	C	Door Casing	Wood	White	Intact	Positive	10.40 ± 3.70
193	1st	Room 5	A	Closet Door	Wood	White	Intact	Positive	4.60 ± 2.00
194	1st	Room 5	A	Closet Jamb	Wood	White	Intact	Positive	3.40 ± 0.60
195	1st	Room 5	A	Window Casing	Wood	White	Intact	Positive	3.60 ± 1.80
196	1st	Room 5	A	Closet Baseboard	Wood	White	Intact	Positive	15.60 ± 5.70
197	1st	Room 5	A	Closet Window Sill	Wood	White	Intact	Positive	1.80 ± 0.80
198	1st	Room 5	A	Closet Wind. Casing	Wood	White	Intact	Negative	0.02 ± 0.05
199	1st	Room 5	A	Closet Wind. Sash Int.	Wood	White	Intact	Negative	0.06 ± 0.12
200	1st	Room 5	A	Closet Wind. Sash Int.	Wood	White	Intact	Negative	0.02 ± 0.06
201	1st	Room 5	A	Closet Window Sill	Wood	White	Intact	Positive	2.40 ± 1.20
202	1st	Room 5	A	Closet Shelf	Plywood	White	Intact	Negative	0.00 ± 0.02
203	1st	Room 5	A	Closet Cleat	Wood	Bone	Intact	Negative	0.23 ± 0.34
204	1st	Room 5	A	Closet Wall A	Plaster	White	Intact	Negative	0.02 ± 0.02
205	1st	Room 5	A	Closet Wall C	Plaster	Bone	Intact	Negative	0.05 ± 0.05
206	1st	Room 5	B	Baseboard	Wood	White	Intact	Negative	0.16 ± 0.37
207	1st	Room 5	C	Baseboard	Wood	White	Intact	Negative	0.12 ± 0.15
208	1st	Room 5	D	Radiator	Metal	Gray	Poor	Negative	0.40 ± 0.30
209	1st	Room 5	D	Radiator	Metal	Gray	Poor	Negative	0.06 ± 0.08
210	1st	Room 5	A	Wall	Plaster	Blue	Intact	Negative	0.09 ± 0.05
211	1st	Room 5	B	Wall	Plaster	Blue	Intact	Negative	0.08 ± 0.06
212	1st	Room 5	D	Wall	Plaster	Blue	Intact	Negative	0.15 ± 0.09
214	1st	Room 5	D	Wall	Plaster	Blue	Intact	Negative	0.14 ± 0.07

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
215	1st	Room 5	B	Ceiling	Plaster	White	Intact	Negative	0.02 ± 0.06
216	1st	Room 6	C	Window Sill Lft	Wood	White	Intact	Negative	0.10 ± 0.06
217	1st	Room 6	C	Window Sill Lft	Wood	White	Intact	Negative	0.03 ± 0.06
218	1st	Room 6	C	Window Casing	Wood	White	Intact	Negative	0.60 ± 0.30
219	1st	Room 6	C	Window Sill Rht	Wood	White	Intact	Negative	0.08 ± 0.11
221	1st	Room 6	C	Window Casing	Wood	White	Intact	Negative	0.70 ± 0.10
222	1st	Room 6	D	Window Apron	Wood	Gray	Intact	Negative	0.50 ± 0.40
223	1st	Room 6	A	Door	Wood	White	Intact	Negative	0.00 ± 0.02
224	1st	Room 6	A	Door Jamb	Wood	White	Intact	Negative	0.29 ± 0.29
226	1st	Room 6	A	Door Casing	Wood	White	Intact	Negative	0.30 ± 0.25
227	1st	Room 6	B	Door	Wood	White	Intact	Negative	0.00 ± 0.02
228	1st	Room 6	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
229	1st	Room 6	A	Baseboard	Wood	White	Intact	Negative	0.03 ± 0.10
230	1st	Room 6	C	Baseboard	Wood	White	Intact	Negative	0.02 ± 0.07
231	1st	Room 6	D	Radiator	Metal	Black	Intact	Negative	0.03 ± 0.06
232	1st	Room 6	A	Wall	Plaster	Gray	Intact	Negative	0.09 ± 0.05
233	1st	Room 6	B	Wall	Plaster	Gray	Intact	Negative	0.00 ± 0.02
234	1st	Room 6	C	Wall	Plaster	Gray	Intact	Negative	0.17 ± 0.11
235	1st	Room 6	D	Wall	Plaster	Gray	Intact	Negative	0.27 ± 0.12
236	1st	Room 6	A	Ceiling	Plaster	White	Intact	Negative	0.10 ± 0.06
237	1st	Rear Stairs	D	Opening Jamb	Wood	Brown	Intact	Negative	0.09 ± 0.10
238	1st	Rear Stairs	C	Window Sill	Wood	Brown	Intact	Positive	3.00 ± 1.70
239	1st	Rear Stairs	C	Window Casing	Wood	Brown	Intact	Negative	0.20 ± 0.16
240	1st	Rear Stairs	C	Window Casing	Wood	Brown	Intact	Negative	0.19 ± 0.13
241	1st	Rear Stairs	C	Window Sash Int.	Wood	Brown	Poor	Negative	0.40 ± 0.30
242	1st	Rear Stairs	C	Window Sash Int.	Wood	Brown	Poor	Negative	0.30 ± 0.18
243	1st	Rear Stairs	B	Door	Wood	Brown	Poor	Positive	2.00 ± 0.80
244	1st	Rear Stairs	B	Door	Wood	Brown	Poor	Positive	7.20 ± 3.60
245	1st	Rear Stairs	B	Door Jamb	Wood	Brown	Poor	Negative	0.15 ± 0.12
246	1st	Rear Stairs	B	Door Casing	Wood	Brown	Poor	Positive	3.20 ± 2.00
247	1st	Rear Stairs	B	Door Stop	Wood	Brown	Poor	Positive	20.10 ± 6.70
248	1st	Rear Stairs	C	Stair Stringer	Wood	Brown	Intact	Positive	7.80 ± 3.90
249	1st	Rear Stairs	C	Stair Tread	Wood	Brown	Intact	Negative	0.05 ± 0.14
250	1st	Rear Stairs	C	Stair Tread	Wood	Brown	Intact	Negative	0.00 ± 0.02
251	1st	Rear Stairs	A	Stair Tread	Wood	Brown	Intact	Negative	0.00 ± 0.02
252	1st	Rear Stairs	A	Stair Riser	Wood	Brown	Intact	Negative	0.00 ± 0.02
253	1st	Rear Stairs	D	Stair Riser	Wood	Brown	Intact	Negative	0.00 ± 0.02
254	1st	Rear Stairs	C	Stair Railing	Wood	Brown	Intact	Negative	0.00 ± 0.02
255	1st	Rear Stairs	A	Wall	Wood	Brown	Intact	Negative	0.23 ± 0.25
256	1st	Rear Stairs	B	Wall	Wood	Brown	Intact	Negative	0.03 ± 0.06
257	1st	Rear Stairs	C	Wall	Wood	Brown	Intact	Negative	0.01 ± 0.04
258	1st	Rear Stairs	D	Wall	Wood	Brown	Intact	Negative	0.01 ± 0.04
259	1st	Rear Stairs	C	Ceiling	Wood	Brown	Poor	Positive	19.60 ± 11.40
260	1st	Rear Stairs	B	Ceiling	Wood	Brown	Poor	Positive	17.80 ± 11.00
261	1st	Rear Stairs	Ctr	Wall	Wood	Brown	Intact	Positive	2.70 ± 0.90
262	2nd	Rear Stairs	A	Wall	Wood	Varnish	Intact	Negative	0.01 ± 0.03
263	2nd	Rear Stairs	C	Wall	Wood	Varnish	Intact	Negative	0.05 ± 0.06
264	2nd	Rear Stairs	B	Window Sill	Wood	Brown	Poor	Positive	3.00 ± 1.80
265	2nd	Rear Stairs	B	Window Casing	Wood	Brown	Poor	Positive	2.00 ± 0.80
266	2nd	Rear Stairs	B	Door	Wood	Brown	Poor	Positive	2.10 ± 0.20
267	2nd	Rear Stairs	B	Door Casing	Wood	Brown	Fair	Negative	0.24 ± 0.15
268	2nd	Rear Stairs	B	Door Jamb	Wood	Brown	Poor	Positive	12.80 ± 5.10

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Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
269	2nd	Rear Stairs	B	Door	Wood	Brown	Poor	Positive	3.30 ± 1.40
270	2nd	Rear Stairs	B	Floor	Wood	Brown	Intact	Negative	0.00 ± 0.04
271	1st	Base. Stairs	D	Door	Wood	Brown	Peeling	Positive	20.50 ± 19.10
272	1st	Base. Stairs	A	Ext. Siding	Wood	Brown	Peeling	Positive	19.70 ± 11.70
273	1st	Base. Stairs	B	Wall	Wood	Gray	Poor	Positive	2.90 ± 0.80
274	1st	Base. Stairs	C	Wall	Wood	Gray	Intact	Positive	2.30 ± 0.60
275				Calibration- Surface			1.53mg/cm ²	Positive	1.60 ± 0.20
276				Calibration- Buried			1.04mg/cm ²	Positive	1.10 ± 0.10
277				Calibration- Buried			1.04mg/cm ²	Positive	1.00 ± 0.10
278				Calibration- Buried			1.04mg/cm ²	Positive	1.00 ± 0.10
279				Calibration- Buried			0.01mg/cm ²	Negative	0.00 ± 0.02

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
1				Calibration- Surface		10-09-19	1.53mg/cm ²	Positive	1.60 ± 0.20
2				Calibration- Surface			1.04mg/cm ²	Positive	1.10 ± 0.10
3				Calibration- Surface			1.04mg/cm ²	Positive	1.00 ± 0.10
4				Calibration- Surface			1.04mg/cm ²	Positive	1.00 ± 0.10
5				Calibration-Surface			0.01mg/cm ²	Negative	0.00 ± 0.02
6		Exterior	A	Door (to 1st Fl unit)	Metal	White	Intact	Negative	0.00 ± 0.02
7		Exterior	A	Door Casing	Wood	White	Peeling	Negative	0.00 ± 0.02
8		Exterior	A	Overhang Ceiling	Plywood	Yellow	Peeling	Negative	0.70 ± 0.20
9		Exterior	A	Ext. Soffit	Wood	Yellow	Peeling	Negative	0.70 ± 0.30
10		Exterior	A	Overhang Uptr Trim	Wood	Green	Intact	Positive	20.10 ± 11.80
11		Exterior	A	Overhang Bracket	Wood	Green	Intact	Positive	3.90 ± 2.00
12		Exterior	A	Window Casing Lft	Wood	Yellow	Poor	Positive	10.80 ± 4.70
13		Exterior	A	Corner Trim	Wood	Yellow	Poor	Positive	18.90 ± 11.40
14		Exterior	A	Lower Trim	Wood	Yellow	Poor	Positive	4.30 ± 1.70
15		Exterior	A	Ext. Siding	Wood	Blue	Peeling	Positive	9.90 ± 4.70
16		Exterior	A	Ext. Foundation	Brick	Red	Intact	Positive	1.00 ± 0.10
17		Exterior	A	Ext. Foundation	Brick	Red	Intact	Null	0.90 ± 0.20
18		Exterior	A	Ext. Foundation	Brick	Red	Intact	Positive	4.20 ± 1.40
19		Exterior	A	Ext. Siding Ctr	Wood	Blue	Peeling	Positive	3.90 ± 1.70
20		Exterior	A	Window Casing Ctr	Wood	Yellow	Peeling	Positive	24.30 ± 13.60
21		Front Porch Ext.	B	Door	Wood	Blue	Peeling	Positive	5.00 ± 3.20
22		Front Porch Ext.	B	Door Casing	Wood	Yellow	Peeling	Positive	2.00 ± 0.70
23		Front Porch Ext.	A	Window Sash Ext. 1	Wood	Blue	Peeling	Positive	2.10 ± 0.60
24		Front Porch Ext.	A	Window Sash Ext. 2	Wood	Blue	Peeling	Positive	1.70 ± 0.50
25		Front Porch Ext.	A	Window Sash Ext. 3	Wood	Blue	Peeling	Positive	2.60 ± 0.70
26		Front Porch Ext.	A	Window Sash Ext. 4	Wood	Blue	Peeling	Positive	2.30 ± 0.80
27		Front Porch Ext.	B	Window Sash Ext. 5	Wood	Blue	Peeling	Negative	0.70 ± 0.30
28		Front Porch Ext.	B	Window Sash Ext. 5	Wood	Blue	Peeling	Positive	2.00 ± 0.60
29		Front Porch Ext.	A	Window Sill	Wood	Blue	Peeling	Positive	6.20 ± 3.10
30		Front Porch Ext.	A	Window Casing	Wood	Blue	Fair	Positive	1.50 ± 0.40
31		Front Porch Ext.	A	Ext. Soffit	Wood	Yellow	Fair	Negative	0.70 ± 0.10
32		Front Porch Ext.	A	Ext. Soffit	Wood	Yellow	Fair	Positive	7.70 ± 4.00
33		Front Porch Ext.	D	Window Sill	Wood	Yellow	Fair	Negative	0.80 ± 0.20
34		Front Porch Ext.	D	Window Sill	Wood	Yellow	Fair	Positive	1.50 ± 0.40
35		Front Porch Ext.	D	Window Casing	Wood	Yellow	Peeling	Positive	4.40 ± 2.10
36		Front Porch Ext.	D	Window Sash Ext. 6	Wood	Blue	Peeling	Positive	2.10 ± 0.30
37		Front Porch Ext.	D	Window Sash Ext. 7	Wood	Blue	Peeling	Positive	1.80 ± 0.50
38		Front Porch Ext.	D	Window Sash Ext. 8	Wood	Blue	Peeling	Positive	2.70 ± 0.90
39		Front Porch Ext.	D	Ext. Siding Lvr	Wood	Off-White	Peeling	Positive	2.50 ± 1.30
40		Front Porch Ext.	A	Ext. Siding Lvr	Wood	Off-White	Peeling	Positive	2.70 ± 1.30
41		Exterior	B	Window Casing Rht	Wood	Yellow	Peeling	Positive	3.60 ± 2.20
42		Exterior	B	Lower Trim	Wood	Yellow	Peeling	Positive	22.40 ± 13.00
43		Exterior	B	Ext. Siding	Wood	Blue	Peeling	Positive	18.40 ± 11.10
44		Exterior	B	Window Sash Ext.	Wood	Yellow	Peeling	Negative	0.40 ± 0.20
45		Exterior	B	Window Sash Ext.	Wood	Yellow	Peeling	Negative	0.25 ± 0.25
46		Exterior	B	Window Casing Lft	Wood	Yellow	Peeling	Negative	0.25 ± 0.11
47		Exterior	B	Corner Trim	Wood	Yellow	Peeling	Negative	0.80 ± 0.20
48		Exterior	B	Ext. Foundation	Brick	Red	Intact	Positive	13.30 ± 5.80
49		Exterior	B	Cell. Window Sill L	Wood	Red	Intact	Negative	0.27 ± 0.22
50		Exterior	B	Cell. Window Sill L	Wood	Red	Intact	Negative	0.30 ± 0.22
51		Exterior	B	Cell. Window Sash L	Wood	Red	Intact	Positive	3.10 ± 1.70
52		Exterior	B	Cell. Window Sash R	Wood	Red	Intact	Negative	0.70 ± 0.20

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
53		Exterior	B	Cell. Window Sash R	Wood	Red	Intact	Negative	0.18 ± 0.16
54		Exterior	B	Cell. Window Sill R	Wood	Red	Intact	Negative	0.40 ± 0.20
55		Exterior	C	Door	Metal	White	Intact	Negative	0.00 ± 0.04
56		Exterior	C	Door Casing	Wood	White	Fair	Negative	0.00 ± 0.02
57		Exterior	C	Door Casing Outer	Wood	Yellow	Fair	Positive	8.00 ± 6.70
59		Exterior	C	Door Kick Plate	Wood	Yellow	Defective	Positive	5.50 ± 2.40
60		Exterior	C	Door Kick Plate	Wood	Yellow	Defective	Positive	2.40 ± 0.70
61		Exterior	C	Overhang Ceiling	Wood	Yellow	Intact	Positive	6.20 ± 3.60
62		Exterior	C	Overhang Bracket	Wood	Green	Intact	Positive	24.40 ± 13.40
63		Exterior	C	Landing Railing	Metal	Green	Poor	Negative	0.10 ± 0.04
64		Exterior	C	Landing Railing	Metal	Green	Poor	Negative	0.13 ± 0.12
65		Exterior	C	Gate	Wood	Blue	Poor	Negative	0.00 ± 0.03
66		Exterior	C	Gate	Wood	Blue	Poor	Negative	0.00 ± 0.02
67		Exterior	C	Ext. Siding Rht	Wood	Blue	Peeling	Positive	6.60 ± 3.70
68		Exterior	C	Ext. Siding Ctr	Wood	Blue	Intact	Negative	0.00 ± 0.02
69		Exterior	C	Window Casing Rht	Wood	Yellow	Intact	Negative	0.00 ± 0.02
70		Exterior	C	Window Casing Ctr	Wood	Yellow	Peeling	Positive	13.20 ± 5.30
71		Exterior	C	Window Panel	Wood	Yellow	Peeling	Positive	20.10 ± 18.30
72		Exterior	C	Window Panel	Wood	Yellow	Peeling	Positive	22.00 ± 12.70
73		Exterior	C	Window Casing Lft	Wood	Yellow	Peeling	Positive	13.80 ± 9.10
74		Exterior	C	Ext. Siding	Wood	Blue	Peeling	Positive	2.60 ± 0.80
75		Exterior	C	Ext. Siding	Wood	Blue	Peeling	Negative	0.60 ± 0.30
76		Exterior	C	Ext. Siding	Wood	Blue	Peeling	Positive	19.50 ± 4.30
77		Exterior	C	Corner Trim	Wood	Yellow	Peeling	Positive	1.60 ± 0.40
78		Exterior	C	Ext. Foundation	Brick	Red	Peeling	Negative	0.40 ± 0.10
79		Exterior	C	Ext. Foundation	Brick	Red	Peeling	Negative	0.25 ± 0.08
80		Exterior	C	Ext. Foundation Rht	Brick	Red	Peeling	Negative	0.40 ± 0.10
81		Exterior	C	Cell. Wind. Frame	Metal	Red	Peeling	Negative	0.30 ± 0.24
82		Exterior	D	Window Casing	Wood	Yellow	Peeling	Null	0.90 ± 0.40
83		Exterior	D	Window Casing	Wood	Yellow	Peeling	Positive	1.80 ± 0.40
84		Exterior	D	Ext. Siding	Wood	Green	Peeling	Negative	0.04 ± 0.11
85		Exterior	D	Ext. Siding	Wood	Green	Peeling	Negative	0.09 ± 0.22
86		Exterior	D	Ext. Siding	Wood	Green	Peeling	Positive	9.90 ± 4.50
87		Exterior	D	Ext. Siding	Wood	Green	Peeling	Positive	3.20 ± 1.60
88		Exterior	D	Lower Trim	Wood	Off-White	Damaged	Negative	0.70 ± 0.20
89		Exterior	D	Ext. Foundation	Wood	Red	Intact	Null	0.40 ± 0.10
90		Exterior	D	Ext. Foundation	Wood	Red	Intact	Negative	0.24 ± 0.06
91		Exterior	D	Ext. Foundation Lft	Wood	Red	Peeling	Positive	1.60 ± 0.40
92				Calibration- Surface			1.53mg/cm ²	Positive	1.50 ± 0.10
93				Calibration- Buried			1.04mg/cm ²	Positive	1.00 ± 0.10
94				Calibration- Buried			1.04mg/cm ²	Positive	1.10 ± 0.10
95				Calibration- Buried			1.04mg/cm ²	Positive	1.10 ± 0.10
96				Calibration- Buried		10/08/19	0.01mg/cm ²	Negative	0.00 ± 0.02
97				Calibration- Surface		10/09/19	1.53mg/cm ²	Positive	1.50 ± 0.10
98				Calibration- Surface			1.04mg/cm ²	Positive	1.10 ± 0.10
99				Calibration- Surface			1.04mg/cm ²	Positive	1.10 ± 0.10
100				Calibration- Surface			1.04mg/cm ²	Positive	1.00 ± 0.10
101				Calibration- Surface			0.01mg/cm ²	Negative	0.00 ± 0.02
102	2nd	Room 1	A	Window Sill	Wood	White	Intact	Positive	1.50 ± 0.50
103	2nd	Room 1	A	Window Casing	Wood	White	Intact	Positive	20.00 ± 1.90
104	2nd	Room 1	B	Window Sill	Wood	White	Intact	Positive	7.90 ± 1.30
105	2nd	Room 1	B	Window Casing	Wood	White	Intact	Positive	11.90 ± 5.00

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
106	2nd	Room 1	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
107	2nd	Room 1	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
108	2nd	Room 1	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
109	2nd	Room 1	A	Baseboard	Wood	White	Intact	Negative	0.07 ± 0.25
110	2nd	Room 1	A	Radiator	Plaster	White	Intact	Negative	0.00 ± 0.02
112	2nd	Room 1	A	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
113	2nd	Room 1	B	Wall	Paneling	White	Intact	Negative	0.12 ± 0.24
114	2nd	Room 1	C	Wall	Paneling	White	Intact	Negative	0.07 ± 0.09
115	2nd	Room 1	D	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
116	2nd	Room 1	A	Wall - Upper	Paneling	White	Intact	Negative	0.00 ± 0.02
117	2nd	Room 1	C	Wall - Upper	Paneling	White	Intact	Negative	0.04 ± 0.12
118	2nd	Room 1	D	Wall - Upper	Paneling	White	Intact	Negative	0.00 ± 0.02
119	2nd	Room 1	A	Chair Rail	Wood	White	Intact	Negative	0.00 ± 0.02
120	2nd	Bath	B	Window Casing	Wood	White	Intact	Negative	0.01 ± 0.03
121	2nd	Bath	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
122	2nd	Bath	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
123	2nd	Bath	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
124	2nd	Bath	D	Door	Wood	White	Intact	Negative	0.00 ± 0.02
125	2nd	Bath	B	Baseboard	Wood	White	Intact	Negative	0.01 ± 0.04
126	2nd	Bath	A	Cabinet Door	Wood	White	Intact	Negative	0.01 ± 0.04
127	2nd	Bath	A	Cabinet Shelf	Wood	White	Intact	Negative	0.00 ± 0.02
128	2nd	Bath	A	Cabinet Frame	Wood	Pink	Intact	Negative	0.02 ± 0.06
129	2nd	Bath	B	Corner Board	Wood	Pink	Intact	Negative	0.00 ± 0.02
130	2nd	Bath	B	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.02
131	2nd	Bath	C	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.02
132	2nd	Bath	D	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.02
133	2nd	Room 2	C	Window Sill	Wood	White	Intact	Negative	0.21 ± 0.21
134	2nd	Room 2	C	Window Casing	Wood	White	Intact	Negative	0.30 ± 0.20
135	2nd	Room 2	B	Door	Wood	White	Intact	Positive	13.70 ± 5.30
136	2nd	Room 2	B	Door Casing	Wood	Brown	Intact	Negative	0.00 ± 0.02
137	2nd	Room 2	A	Door	Wood	White	Intact	Negative	0.00 ± 0.02
139	2nd	Room 2	A	Door Jamb	Wood	White	Intact	Negative	0.04 ± 0.13
142	2nd	Room 2	A	Door Casing	Wood	White	Intact	Negative	0.02 ± 0.08
143	2nd	Room 2	B	Shelf	Wood	White	Intact	Negative	0.00 ± 0.02
144	2nd	Room 2	D	Shelf	Wood	White	Intact	Negative	0.01 ± 0.03
145	2nd	Room 2	A	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.03
146	2nd	Room 2	B	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.02
147	2nd	Room 2	C	Wall	Paneling	Pink	Intact	Negative	0.00 ± 0.03
148	2nd	Room 2	D	Wall	Paneling	Pink	Intact	Negative	0.05 ± 0.16
149	2nd	Room 2	A	Wall - Upper	Paneling	White	Intact	Negative	0.00 ± 0.03
150	2nd	Room 2	C	Wall - Upper	Paneling	White	Intact	Negative	0.00 ± 0.02
151	2nd	Room 2	A	Ceiling Trim	Wood	Brown	Intact	Negative	0.00 ± 0.03
152	2nd	Kitchen	A	Window Sill Rht	Wood	Brown	Poor	Negative	0.08 ± 0.14
153	2nd	Kitchen	A	Window Casing	Wood	Brown	Intact	Negative	0.07 ± 0.09
154	2nd	Kitchen	A	Window Sill Lft	Wood	Varnish	Intact	Negative	0.11 ± 0.09
155	2nd	Kitchen	A	Window Casing	Wood	Varnish	Intact	Negative	0.12 ± 0.14
156	2nd	Kitchen	C	Window Sill	Wood	Varnish	Fair	Negative	0.06 ± 0.16
157	2nd	Kitchen	C	Window Casing	Wood	Varnish	Fair	Negative	0.01 ± 0.03
158	2nd	Kitchen	C	Door	Wood	White	Intact	Negative	0.00 ± 0.03
159	2nd	Kitchen	C	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
160	2nd	Kitchen	C	Door Threshold	Wood	Varnish	Intact	Negative	0.07 ± 0.11
161	2nd	Kitchen Alcove	B	Door Rht	Wood	White	Intact	Negative	0.00 ± 0.02

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
162	2nd	Kitchen Alcove	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
163	2nd	Kitchen	B	Door Lft	Wood	White	Intact	Negative	0.00 ± 0.02
164	2nd	Kitchen	D	Door Rht	Wood	Varnish	Intact	Negative	0.00 ± 0.02
165	2nd	Kitchen	D	Door Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
166	2nd	Kitchen	D	Door Lft	Wood	Varnish	Intact	Negative	0.01 ± 0.03
167	2nd	Kitchen	D	Door Casing	Wood	Varnish	Intact	Negative	0.09 ± 0.11
168	2nd	Kitchen	B	Opening Casing	Wood	Varnish	Intact	Negative	0.00 ± 0.02
169	2nd	Kitchen	A	Wall - Lower	Wood	Varnish	Intact	Negative	0.30 ± 0.11
170	2nd	Kitchen	B	Wall - Lower	Wood	Varnish	Intact	Negative	0.50 ± 0.10
171	2nd	Kitchen	C	Wall - Lower	Wood	Varnish	Intact	Negative	0.40 ± 0.20
173	2nd	Kitchen	D	Wall - Lower	Wood	Varnish	Intact	Negative	0.12 ± 0.12
174	2nd	Kitchen	A	Chair Rail	Wood	Varnish	Intact	Negative	0.08 ± 0.11
175	2nd	Kitchen	B	Baseboard	Wood	Varnish	Intact	Negative	0.01 ± 0.03
176	2nd	Kitchen	A	Wall - Upper	Plaster	Green	Intact	Positive	2.90 ± 1.00
177	2nd	Kitchen	B	Wall - Upper	Plaster	Green	Intact	Positive	2.40 ± 0.90
178	2nd	Kitchen	B	Wall - Upper	Plaster	Green	Intact	Positive	2.40 ± 1.00
180	2nd	Kitchen	D	Wall - Upper	Plaster	Green	Intact	Negative	0.60 ± 0.40
181	2nd	Kitchen	D	Wall - Upper R	Plaster	Green	Intact	Negative	0.00 ± 0.02
182	2nd	Kitchen	D	Wall - Upper R	Plaster	Green	Intact	Positive	2.20 ± 0.90
183	2nd	Kitchen Alcove	A	Wall	Paneling	White	Intact	Positive	2.90 ± 1.10
184	2nd	Kitchen Alcove	B	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
185	2nd	Kitchen Alcove	B	Wall	Paneling	White	Intact	Negative	0.00 ± 0.03
186	2nd	Kitchen Alcove	C	Cabinet Door Lft	Plywood	White	Intact	Negative	0.00 ± 0.02
187	2nd	Kitchen Alcove	C	Cabinet Body	Wood	White	Intact	Negative	0.00 ± 0.02
188	2nd	Kitchen Alcove	C	Cabinet Shelf	Wood	Varnish	Intact	Negative	0.00 ± 0.02
189	2nd	Kitchen Alcove	C	Cabinet Wall	Paneling	Wallpaper	Intact	Negative	0.02 ± 0.05
190	2nd	Kitchen Alcove	D	Opening Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
191	2nd	Kitchen Alcove	B	Baseboard	Wood	White	Intact	Negative	0.00 ± 0.02
192	2nd	Kitchen	D	Cabinet Door Lwr	Plywood	White	Intact	Negative	0.00 ± 0.02
193	2nd	Kitchen	D	Cabinet Body	Wood	White	Intact	Negative	0.00 ± 0.02
194	2nd	Kitchen	D	Cabinet Body Up	Wood	White	Intact	Negative	0.00 ± 0.02
195	2nd	Kitchen	D	Cabinet Door Up	Plywood	White	Intact	Negative	0.00 ± 0.02
196	2nd	Kitchen	A	Ceiling	Plaster	White	Intact	Positive	2.00 ± 0.70
197	2nd	Kitchen	A	Ceiling	Plaster	White	Intact	Positive	2.00 ± 0.80
198	2nd	Kitchen	C	Ceiling	Drywall	White	Intact	Negative	0.03 ± 0.03
199	2nd	Room 3	A	Window Sill Lft	Wood	White	Intact	Positive	10.30 ± 7.90
200	2nd	Room 3	A	Window Casing	Wood	White	Intact	Positive	18.50 ± 11.60
201	2nd	Room 3	A	Window Sill Rht	Wood	White	Intact	Positive	3.60 ± 2.00
202	2nd	Room 3	A	Window Casing	Wood	White	Intact	Positive	16.40 ± 5.10
203	2nd	Room 3	B	Window Sill	Wood	White	Intact	Positive	16.80 ± 6.20
204	2nd	Room 3	B	Window Casing	Wood	White	Intact	Positive	18.50 ± 6.60
205	2nd	Room 3	B	Door	Wood	Varnish	Intact	Negative	0.00 ± 0.03
206	2nd	Room 3	B	Door Casing	Wood	Varnish	Intact	Negative	0.00 ± 0.02
207	2nd	Room 3	D	Closet Door	Wood	White	Intact	Positive	9.80 ± 4.40
208	2nd	Room 3	D	Closet Casing	Wood	White	Poor	Positive	10.00 ± 4.60
209	2nd	Room 3	C	Baseboard	Wood	White	Intact	Positive	21.10 ± 7.30
210	2nd	Room 3	B	Radiator	Metal	White	Intact	Negative	0.01 ± 0.03
211	2nd	Room 3	A	Wall	Plaster	Green	Intact	Negative	0.00 ± 0.02
212	2nd	Room 3	B	Wall	Plaster	Green	Intact	Negative	0.00 ± 0.02
213	2nd	Room 3	C	Wall	Plaster	Green	Intact	Negative	0.00 ± 0.02
214	2nd	Room 3	D	Wall	Plaster	Green	Intact	Negative	0.00 ± 0.02
215	2nd	Room 3	B	Ceiling	Plaster	White	Intact	Negative	0.60 ± 0.30

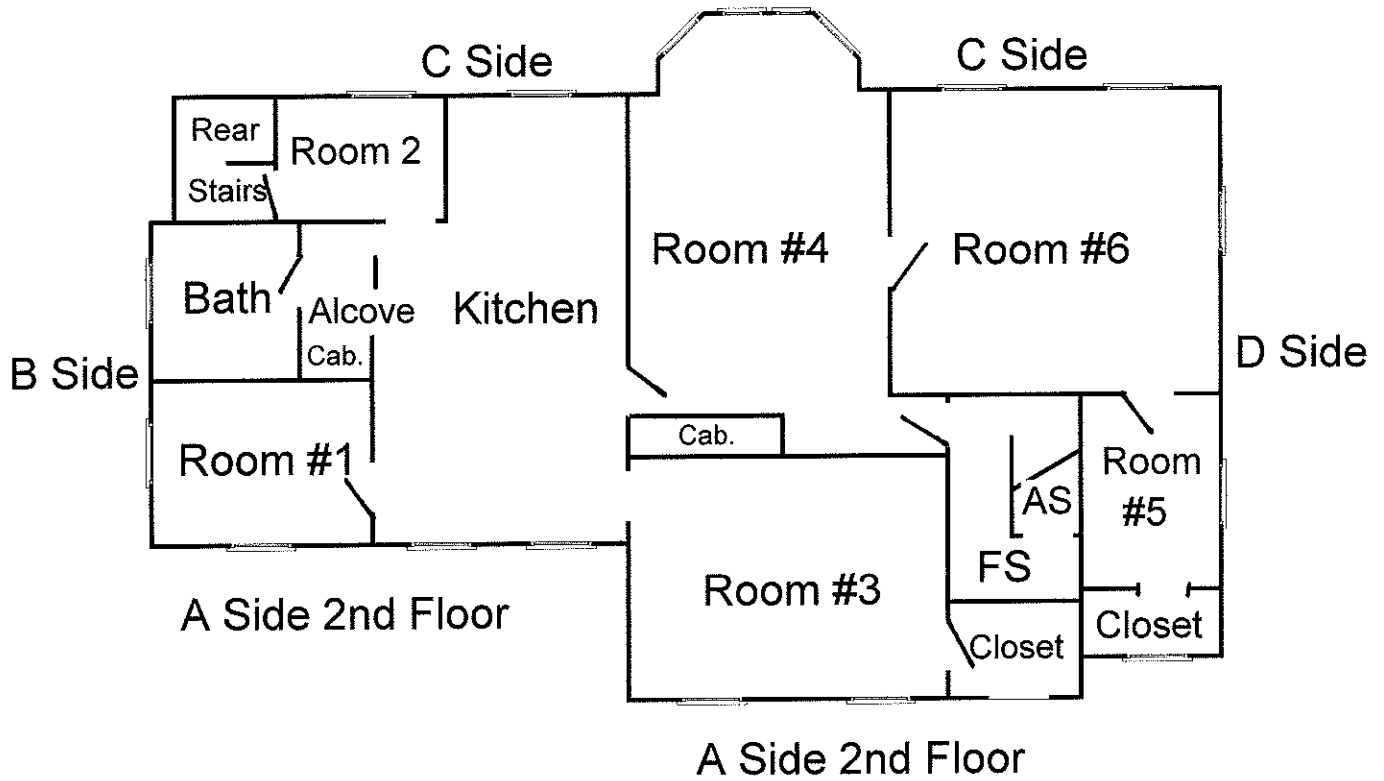
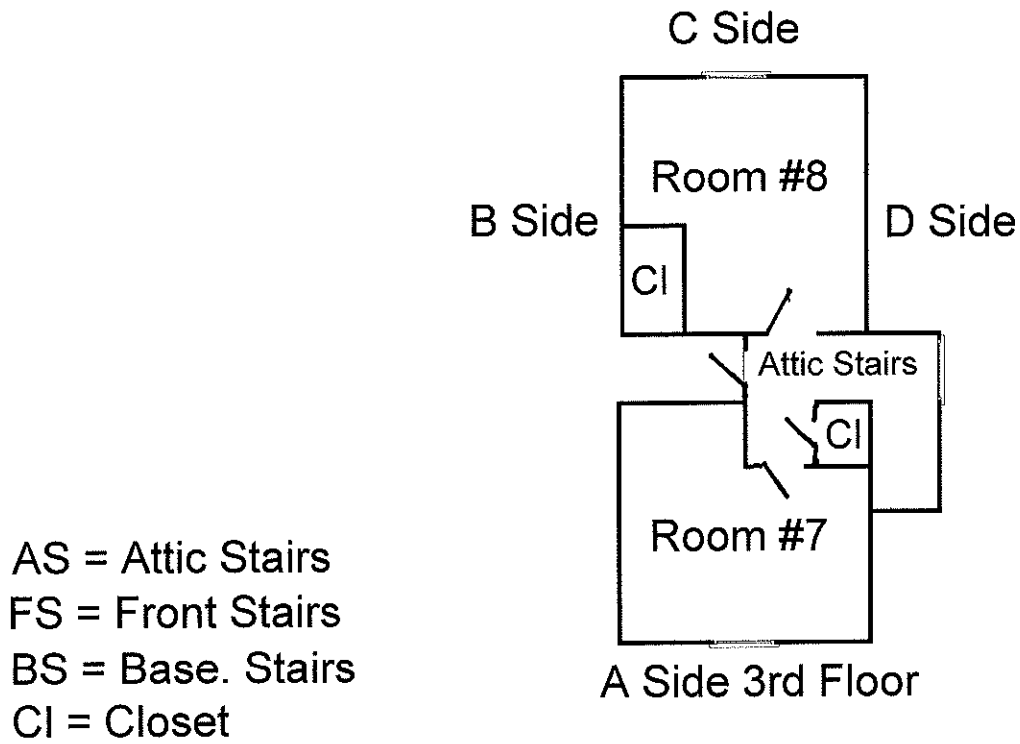
Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
216	2nd	Room 3	B	Ceiling Trim	Wood	Varnish	Intact	Negative	0.13 ± 0.24
217	2nd	Room 3 Closet	A	Window Sill	Wood	White	Intact	Positive	17.20 ± 6.20
218	2nd	Room 3 Closet	A	Window Casing	Wood	White	Intact	Positive	18.70 ± 6.60
219	2nd	Room 3 Closet	B	Door	Wood	White	Intact	Positive	13.20 ± 8.90
220	2nd	Room 3 Closet	B	Door Jamb	Wood	White	Intact	Positive	8.60 ± 4.20
221	2nd	Room 3 Closet	C	Baseboard	Wood	White	Intact	Positive	17.00 ± 11.00
222	2nd	Room 3 Closet	C	Closet Cleat	Wood	White	Fair	Positive	4.50 ± 1.80
223	2nd	Room 3 Closet	C	Closet Shelf	Wood	White	Intact	Negative	0.30 ± 0.51
224	2nd	Room 3 Closet	A	Closet Shelf	Wood	White	Intact	Negative	0.01 ± 0.05
225	2nd	Room 3 Closet	A	Closet Wall	Plaster	Bone	Intact	Positive	4.60 ± 2.20
226	2nd	Room 3 Closet	B	Closet Wall	Plaster	Bone	Intact	Positive	10.30 ± 4.90
227	2nd	Room 3 Closet	C	Closet Wall	Plaster	Bone	Intact	Positive	8.10 ± 4.40
228	2nd	Room 3 Closet	D	Closet Wall	Plaster	Bone	Intact	Positive	2.60 ± 0.90
229	2nd	Room 3 Closet	C	Ceiling	Plaster	White	Intact	Negative	0.02 ± 0.02
230	2nd	Room 4	C	Window Sill Lft	Wood	Beige	Intact	Positive	25.00 ± 13.70
231	2nd	Room 4	C	Window Casing	Wood	Beige	Intact	Positive	11.10 ± 4.90
232	2nd	Room 4	C	Window Sill Ctr	Wood	Beige	Intact	Positive	17.30 ± 10.50
233	2nd	Room 4	C	Window Casing	Wood	Beige	Intact	Positive	9.70 ± 4.60
234	2nd	Room 4	C	Window Sill Rht	Wood	Beige	Intact	Positive	7.70 ± 4.10
235	2nd	Room 4	C	Window Casing	Wood	Beige	Intact	Positive	9.00 ± 3.60
236	2nd	Room 4	B	Door	Wood	Varnish	Intact	Negative	0.01 ± 0.04
237	2nd	Room 4	B	Door Jamb	Wood	Beige	Intact	Positive	15.60 ± 10.30
238	2nd	Room 4	B	Door Casing	Wood	Beige	Intact	Positive	18.10 ± 11.10
239	2nd	Room 4	D	Door Rht	Metal	White	Intact	Negative	0.00 ± 0.02
240	2nd	Room 4	D	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
241	2nd	Room 4	D	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02
242	2nd	Room 4	D	Door Lft	Wood	Varnish	Intact	Negative	0.00 ± 0.02
243	2nd	Room 4	D	Door Casing	Wood	Varnish	Intact	Negative	0.00 ± 0.02
244	2nd	Room 4	D	Door Casing Outer	Wood	Varnish	Intact	Negative	0.05 ± 0.08
245	2nd	Room 4	D	Wall Panel	Wood	Varnish	Intact	Negative	0.00 ± 0.02
246	2nd	Room 4	A	Cabinet Door Lwr	Wood	Varnish	Intact	Negative	0.04 ± 0.10
247	2nd	Room 4	A	Cabinet Frame	Wood	Varnish	Intact	Negative	0.10 ± 0.10
248	2nd	Room 4	A	Cabinet Door Upr	Wood	Varnish	Intact	Negative	0.03 ± 0.05
249	2nd	Room 4	A	Cabinet Shelf	Wood	Varnish	Intact	Negative	0.06 ± 0.08
250	2nd	Room 4	A	Cabinet Wall	Wood	Varnish	Intact	Negative	0.05 ± 0.07
251	2nd	Room 4	B	Baseboard	Wood	Beige	Intact	Positive	11.50 ± 4.90
252	2nd	Room 4	D	Baseboard	Wood	Beige	Intact	Positive	11.40 ± 5.00
253	2nd	Room 4	B	Radiator	Metal	White	Intact	Negative	0.01 ± 0.06
254	2nd	Room 4	A	Wall Lft	Plaster	Green	Intact	Positive	3.60 ± 2.00
255	2nd	Room 4	A	Wall Rht	Plaster	Green	Intact	Negative	0.00 ± 0.02
256	2nd	Room 4	B	Wall	Plaster	Green	Intact	Positive	4.40 ± 2.80
257	2nd	Room 4	C	Wall	Plaster	Green	Intact	Positive	3.70 ± 1.20
258	2nd	Room 4	D	Wall	Plaster	Green	Intact	Positive	3.40 ± 1.00
259	2nd	Room 4	D	Wall Cr	Drywall	Green	Intact	Negative	0.00 ± 0.02
261	2nd	Room 4	C	Ceiling	Plaster	White	Damaged	Negative	0.01 ± 0.02
262	2nd	Room 4	A	Ceiling	Plaster	White	Peeling	Null	1.00 ± 0.60
263	2nd	Room 4	A	Ceiling	Plaster	White	Peeling	Negative	0.02 ± 0.04
264	2nd	Room 4	A	Ceiling Trim	Wood	Varnish	Intact	Negative	0.01 ± 0.04
265	2nd	Room 4	B	Floor	Wood	Varnish	Intact	Negative	0.00 ± 0.02
266	2nd	Room 5	D	Window Casing	Wood	Varnish	Intact	Negative	0.01 ± 0.04
267	2nd	Room 5	C	Door	Wood	White	Intact	Negative	0.00 ± 0.02
268	2nd	Room 5	C	Door Casing	Wood	White	Intact	Negative	0.00 ± 0.02

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
269	2nd	Room 5	A	Closet Door	Wood	White	Intact	Negative	0.00 ± 0.02
270	2nd	Room 5	A	Closet Casing	Wood	Bone	Intact	Negative	0.00 ± 0.02
273	2nd	Room 5	A	Closet Wall	Plaster	White	Intact	Negative	0.06 ± 0.05
274	2nd	Room 5	A	Closet Wind. Sill	Wood	Varnish	Intact	Negative	0.06 ± 0.11
275	2nd	Room 5	A	Closet Wind. Casing	Wood	Varnish	Intact	Negative	0.01 ± 0.04
276	2nd	Room 5	A	Wall	Drywall	Bone	Intact	Negative	0.00 ± 0.02
278	2nd	Room 5	B	Wall	Plaster	Bone	Intact	Negative	0.02 ± 0.02
279	2nd	Room 5	D	Bookcase Shelf	Wood	Varnish	Intact	Negative	0.00 ± 0.02
280	2nd	Room 5	D	Bookcase Frame	Wood	Varnish	Intact	Negative	0.00 ± 0.02
281	2nd	Room 5	C	Wall	Plaster	Bone	Intact	Negative	0.00 ± 0.02
282	2nd	Room 5	D	Wall	Paneling	Bone	Intact	Negative	0.02 ± 0.08
284	2nd	Room 5	D	Ceiling	Plaster	White	Intact	Negative	0.00 ± 0.02
285	2nd	Room 6	C	Window Sill Lft	Wood	Beige	Intact	Positive	9.90 ± 4.70
286	2nd	Room 6	C	Window Casing	Wood	Beige	Intact	Positive	6.90 ± 2.50
287	2nd	Room 6	C	Window Sill Rht	Wood	Beige	Intact	Positive	4.80 ± 2.60
288	2nd	Room 6	C	Window Casing	Wood	Beige	Intact	Positive	10.40 ± 3.40
289	2nd	Room 6	D	Window Sill	Wood	Beige	Defective	Negative	0.03 ± 0.06
290	2nd	Room 6	D	Window Casing	Wood	Beige	Defective	Negative	0.07 ± 0.09
291	2nd	Room 6	D	Window Sill	Wood	Beige	Defective	Negative	0.04 ± 0.07
292	2nd	Room 6	B	Door	Wood	Varnish	Intact	Negative	0.00 ± 0.02
293	2nd	Room 6	B	Door Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
294	2nd	Room 6	B	Door Casing Outer	Wood	Varnish	Intact	Negative	0.02 ± 0.04
295	2nd	Room 6	A	Door	Wood	White	Intact	Negative	0.00 ± 0.02
296	2nd	Room 6	A	Door Jamb	Wood	Varnish	Intact	Negative	0.00 ± 0.02
297	2nd	Room 6	C	Baseboard	Wood	Beige	Intact	Positive	8.30 ± 4.20
298	2nd	Room 6	A	Wall	Plaster	Green	Intact	Positive	2.30 ± 0.90
299	2nd	Room 6	B	Wall	Plaster	Green	Intact	Positive	2.10 ± 1.00
300	2nd	Room 6	B	Wall Cr	Drywall	Green	Intact	Negative	0.00 ± 0.02
301	2nd	Room 6	C	Wall	Plaster	Green	Intact	Positive	3.00 ± 1.10
302	2nd	Room 6	D	Wall	Plaster	Green	Intact	Positive	2.90 ± 0.70
303	2nd	Room 6	C	Ceiling	Plaster	White	Intact	Negative	0.02 ± 0.04
304	2nd	Room 6	C	Ceiling Trim	Wood	Varnish	Intact	Negative	0.05 ± 0.07
305	2nd	Room 6	B	Floor	Wood	Varnish	Intact	Negative	0.00 ± 0.02
306	1st	Front Porch	A	Window Sill	Wood	Beige	Poor	Positive	5.70 ± 3.30
307	1st	Front Porch	D	Window Sill	Wood	Beige	Poor	Positive	1.50 ± 0.50
308	1st	Front Porch	D	Window Casing	Wood	Beige	Intact	Positive	5.70 ± 2.20
309	1st	Front Porch	A	Window Casing	Wood	Beige	Intact	Positive	5.20 ± 3.30
310	1st	Front Porch	A	Column	Wood	Beige	Intact	Positive	5.40 ± 3.10
311	1st	Front Porch	D	Window Sash Int.	Wood	Beige	Poor	Positive	2.80 ± 1.00
312	1st	Front Porch	A	Window Sash Int.	Wood	Beige	Poor	Positive	2.60 ± 0.90
313	1st	Front Porch	B	Window Sash Int.	Wood	Beige	Poor	Positive	2.50 ± 0.80
314	1st	Front Porch	C	Window Casing	Wood	Beige	Intact	Positive	2.70 ± 1.00
315	1st	Front Porch	C	Window Sash Int.	Wood	Brown	Intact	Positive	3.90 ± 1.90
316	1st	Front Porch	B	Door	Wood	Brown	Poor	Positive	4.40 ± 2.40
317	1st	Front Porch	B	Door Jamb	Wood	White	Poor	Positive	17.40 ± 10.80
318	1st	Front Porch	C	Screen Door Rht	Wood	Red	Poor	Positive	6.60 ± 3.60
319	1st	Front Porch	C	Screen Door Lft	Wood	Red	Poor	Positive	6.20 ± 3.30
320	1st	Front Porch	C	Door Jamb	Wood	Beige	Poor	Positive	6.20 ± 3.60
321	1st	Front Porch	C	Door Rht	Wood	Red	Poor	Positive	1.20 ± 0.20
322	1st	Front Porch	C	Door Rht	Wood	Red	Poor	Positive	7.40 ± 3.20
323	1st	Front Porch	C	Door Lft	Wood	Red	Poor	Positive	3.30 ± 1.10
324	1st	Front Porch	C	Door Threshold	Wood	Red	Poor	Positive	7.00 ± 4.20

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
325	1st	Front Porch	A	Wall - Lower	Wood	Brown	Intact	Positive	2.60 ± 0.70
326	1st	Front Porch	B	Wall - Lower	Wood	Brown	Intact	Positive	3.50 ± 2.50
327	1st	Front Porch	D	Wall - Lower	Wood	Brown	Intact	Positive	3.00 ± 1.00
328	1st	Front Porch	C	Wall Rht	Wood	Beige	Intact	Positive	21.80 ± 13.00
329	1st	Front Porch	C	Corner Trim	Wood	Beige	Intact	Positive	23.20 ± 13.40
330	1st	Front Porch	A	Porch Upper Trim	Wood	Beige	Intact	Positive	7.20 ± 4.40
331	1st	Front Porch	A	Porch Ceiling	Wood	Beige	Intact	Positive	4.70 ± 2.90
332	1st	Front Porch	A	Baseboard	Wood	Brown	Intact	Negative	0.30 ± 0.22
334	1st	Front Porch	A	Floor	Concrete	Brown	Poor	Negative	0.10 ± 0.02
335	1st	Front Porch	C	Floor	Concrete	Brown	Poor	Negative	0.12 ± 0.04
336	1st	Front Stairs	A	Door Lft	Wood	Brown	Fair	Positive	11.00 ± 4.70
337	1st	Front Stairs	A	Door Lft	Wood	Brown	Fair	Positive	13.50 ± 5.30
338	1st	Front Stairs	A	Door Rht	Wood	Brown	Fair	Positive	9.90 ± 4.40
339	1st	Front Stairs	A	Door Jamb	Wood	Beige	Peeling	Positive	12.70 ± 5.20
340	1st	Front Stairs	A	Door Casing	Wood	Beige	Fair	Positive	19.00 ± 11.50
341	1st	Front Stairs	A	Door Threshold	Wood	Red	Fair	Positive	4.10 ± 2.30
342	1st	Front Stairs	B	Door	Metal	White	Intact	Negative	0.00 ± 0.02
343	1st	Front Stairs	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
344	1st	Front Stairs	B	Baseboard	Wood	White	Intact	Positive	19.30 ± 11.40
345	1st	Front Stairs	D	Baseboard	Wood	White	Intact	Positive	13.50 ± 5.40
346	1st	Front Stairs	Ctr	Stair Tread	Wood	White	Intact	Positive	16.80 ± 10.50
347	1st	Front Stairs	Ctr	Stair Stringer	Wood	White	Intact	Positive	15.20 ± 5.80
348	1st	Front Stairs	Ctr	Stair Baluster	Wood	Varnish	Intact	Negative	0.02 ± 0.05
349	1st	Front Stairs	Ctr	Stair Newel Post	Wood	Varnish	Intact	Negative	0.03 ± 0.06
350	1st	Front Stairs	Ctr	Stair Wallcasing	Wood	White	Intact	Positive	10.50 ± 4.60
351	1st	Front Stairs	A	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
352	1st	Front Stairs	B	Wall	Plaster	Wallpaper	Poor	Negative	0.00 ± 0.02
353	1st	Front Stairs	B	Wall	Plaster	Wallpaper	Poor	Negative	0.40 ± 0.50
354	1st	Front Stairs	C	Wall	Plaster	Wallpaper	Intact	Negative	0.50 ± 0.50
355	1st	Front Stairs	Ctr	Wall	Plaster	White	Intact	Negative	0.50 ± 0.50
356	1st	Front Stairs	D	Wall	Paneling	White	Intact	Negative	0.00 ± 0.02
358	1st	Front Stairs	A	Ceiling	Plaster	White	Poor	Negative	0.01 ± 0.02
359	1st	Front Stairs	D	Ceiling Trim	Wood	White	Intact	Negative	0.00 ± 0.02
360	2nd	Front Stairs	B	Door	Metal	White	Intact	Negative	0.00 ± 0.02
361	2nd	Front Stairs	B	Door Jamb	Wood	White	Intact	Negative	0.00 ± 0.02
362	2nd	Front Stairs	A	Baseboard	Wood	White	Intact	Positive	16.00 ± 10.00
363	2nd	Front Stairs	C	Baseboard	Wood	Brown	Intact	Negative	0.01 ± 0.03
364	2nd	Front Stairs	D	Stair Railing	Wood	Varnish	Intact	Negative	0.03 ± 0.12
365	2nd	Front Stairs	A	Chair Rail	Wood	Varnish	Intact	Negative	0.00 ± 0.02
366	2nd	Front Stairs	C	Opening Casing (to Attic)	Wood	White	Intact	Positive	11.70 ± 8.40
367	2nd	Front Stairs	C	Opening Jamb	Wood	White	Intact	Negative	0.04 ± 0.08
368	2nd	Front Stairs	C	Opening Jamb	Wood	White	Intact	Negative	0.08 ± 0.13
369	2nd	Front Stairs	Ctr	Corner Trim	Wood	White	Poor	Positive	13.60 ± 5.40
370	2nd	Front Stairs	A	Wall - Lower	Paneling	Wallpaper	Intact	Negative	0.00 ± 0.02
371	2nd	Front Stairs	B	Wall - Lower	Paneling	Wallpaper	Intact	Negative	0.05 ± 0.26
372	2nd	Front Stairs	D	Wall - Lower	Paneling	Wallpaper	Intact	Negative	0.00 ± 0.03
373	2nd	Front Stairs	A	Wall - Upper	Plaster	White	Intact	Negative	0.00 ± 0.02
376	2nd	Front Stairs	B	Wall - Upper	Plaster	White	Intact	Negative	0.15 ± 0.09
377	2nd	Front Stairs	Ctr	Wall - Upper	Plaster	White	Poor	Negative	0.50 ± 0.40
378	2nd	Front Stairs	C	Wall	Drywall	White	Intact	Negative	0.00 ± 0.02
380	2nd	Front Stairs	A	Ceiling	Plaster	White	Intact	Negative	0.01 ± 0.02
381	2nd	Attic Stairs	D	Stair Stringer	Wood	Gray	Intact	Positive	8.20 ± 4.00

Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
382	2nd	Attic Stairs	D	Stair Tread	Wood	Gray	Intact	Positive	7.80 ± 5.80
383	2nd	Attic Stairs	C	Stair Tread	Wood	Gray	Intact	Positive	5.20 ± 2.20
384	2nd	Attic Stairs	B	Stair Riser	Wood	Gray	Intact	Positive	5.80 ± 3.30
385	2nd	Attic Stairs	A	Opening Casing	Wood	White	Poor	Positive	19.40 ± 6.60
386	2nd	Attic Stairs	A	Opening Jamb	Wood	White	Intact	Positive	11.30 ± 4.90
387	3rd	Attic Stairs	D	Window Sill	Wood	White	Poor	Negative	0.06 ± 0.10
388	3rd	Attic Stairs	D	Window Sill	Wood	White	Poor	Negative	0.13 ± 0.12
389	3rd	Attic Stairs	D	Window Casing	Wood	White	Intact	Negative	0.05 ± 0.04
390	2nd	Attic Stairs	A	Wall	Plaster	White	Intact	Negative	0.17 ± 0.05
392	2nd	Attic Stairs	B	Wall	Plaster	White	Intact	Negative	0.19 ± 0.05
393	2nd	Attic Stairs	D	Wall	Plaster	White	Poor	Negative	0.15 ± 0.04
394	2nd	Attic Stairs	D	Ceiling	Plaster	White	Intact	Negative	0.00 ± 0.02
395	3rd	Attic Stairs	C	Wall	Plaster	White	Intact	Negative	0.15 ± 0.03
396	3rd	Attic Stairs	B	Corner Trim	Wood	White	Poor	Positive	2.40 ± 0.80
397	3rd	Attic Stairs	A	Wall	Plaster	White	Intact	Negative	0.23 ± 0.06
398	3rd	Attic Stairs	B	Wall	Plaster	White	Intact	Negative	0.19 ± 0.05
399	3rd	Attic Stairs	C	Wall	Plaster	White	Intact	Null	0.18 ± 0.05
400	3rd	Attic Stairs	C	Wall	Plaster	White	Intact	Negative	0.29 ± 0.04
401	3rd	Attic Stairs	B	Floor	Wood	Gray	Intact	Negative	0.02 ± 0.05
402	3rd	Attic Stairs	B	Floor	Wood	Gray	Intact	Negative	0.02 ± 0.04
403	3rd	Attic Stairs	A	Door	Wood	White	Poor	Positive	13.30 ± 3.50
404	3rd	Attic Stairs	A	Door Jamb	Wood	White	Intact	Positive	15.20 ± 4.80
405	3rd	Attic Stairs	B	Door	Wood	White	Intact	Positive	13.80 ± 5.40
406	3rd	Attic Stairs	B	Door Jamb	Wood	White	Intact	Positive	15.10 ± 5.70
407	3rd	Attic Stairs	C	Door Jamb	Wood	White	Poor	Positive	15.80 ± 10.10
408	3rd	Attic Stairs	C	Door Casing	Wood	White	Poor	Positive	15.50 ± 10.00
410	3rd	Attic Stairs	D	Closet Door	Wood	White	Poor	Negative	0.40 ± 0.40
411	3rd	Attic Stairs	D	Closet Door Int.	Wood	White	Poor	Negative	0.30 ± 0.25
412	3rd	Attic Stairs	D	Closet Jamb	Wood	White	Fair	Positive	11.90 ± 4.90
413	3rd	Attic Stairs	D	Closet Threshold	Wood	Brown	Intact	Negative	0.07 ± 0.09
414	3rd	Attic Stairs	D	Closet Cleat	Wood	Beige	Intact	Positive	16.60 ± 10.70
415	3rd	Attic Stairs	D	Closet Shelf	Wood	Unpainted	Intact	Negative	0.00 ± 0.02
417	3rd	Attic Stairs	D	Closet Wall	Plaster	White	Intact	Negative	0.01 ± 0.02
418	3rd	Attic Stairs	B	Baseboard	Wood	White	Intact	Positive	20.00 ± 18.90
419	3rd	Attic Stairs	B	Ceiling	Plaster	White	Damaged	Negative	0.00 ± 0.02
420	3rd	Room 7	A	Window Sill	Wood	White	Intact	Positive	3.80 ± 1.80
421	3rd	Room 7	A	Window Casing	Wood	White	Intact	Positive	12.30 ± 5.10
422	3rd	Room 7	A	Window Sash Int.	Wood	White	Intact	Negative	0.19 ± 0.18
423	3rd	Room 7	C	Door	Wood	White	Intact	Positive	1.60 ± 0.50
424	3rd	Room 7	C	Door Casing	Wood	White	Intact	Positive	2.70 ± 0.80
425	3rd	Room 7	C	Corner Trim	Wood	White	Intact	Positive	3.40 ± 1.70
426	3rd	Room 7	D	Baseboard	Wood	Gray	Intact	Positive	14.10 ± 5.40
427	3rd	Room 7	A	Wall	Plaster	White	Intact	Negative	0.30 ± 0.03
428	3rd	Room 7	B	Wall	Plaster	White	Intact	Negative	0.01 ± 0.02
429	3rd	Room 7	C	Wall Lft	Drywall	White	Intact	Negative	0.02 ± 0.04
430	3rd	Room 7	D	Wall	Plaster	White	Poor	Negative	0.11 ± 0.04
431	3rd	Room 7	C	Ceiling	Plaster	White	Intact	Negative	0.00 ± 0.02
432	3rd	Room 7	C	Floor	Wood	Gray	Intact	Positive	3.00 ± 1.10
433	3rd	Room 7	A	Floor	Wood	Gray	Intact	Positive	2.70 ± 0.90
434	3rd	Room 8	C	Window Sill	Wood	White	Poor	Positive	20.40 ± 11.90
435	3rd	Room 8	C	Window Casing	Wood	White	Intact	Positive	16.40 ± 10.70
436	3rd	Room 8	C	Window Sash Int.	Wood	White	Poor	Positive	9.40 ± 4.30

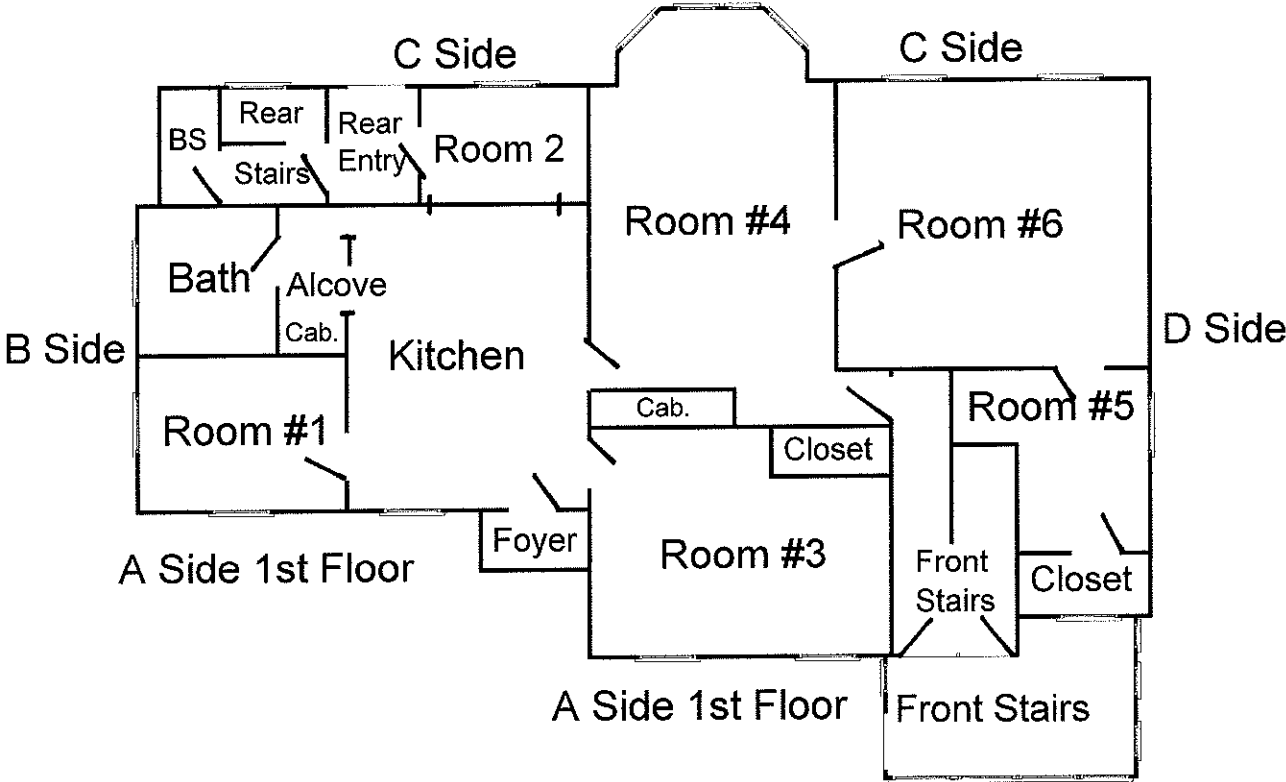
Index	FL	ROOM	SIDE	COMPONENT	SUBSTRATE	COLOR	CONDITION	Results	PbC
437	3rd	Room 8	A	Door	Wood	White	Poor	Positive	15.20 ± 5.70
438	3rd	Room 8	A	Door Jamb	Wood	White	Fair	Positive	16.70 ± 10.40
439	3rd	Room 8	D	Fireplace Mantel	Wood	White	Intact	Positive	14.00 ± 5.60
440	3rd	Room 8	B	Closet Jamb	Wood	White	Intact	Negative	0.24 ± 0.32
441	3rd	Room 8	C	Baseboard	Wood	White	Poor	Positive	22.40 ± 20.30
442	3rd	Room 8	C	Baseboard	Wood	White	Poor	Positive	22.20 ± 12.80
443	3rd	Room 8	A	Wall	Plaster	Wallpaper	Intact	Negative	0.05 ± 0.07
444	3rd	Room 8	B	Wall Lft	Wood	White	Fair	Positive	13.60 ± 5.30
445	3rd	Room 8	B	Wall Rht	Wood	White	Intact	Negative	0.03 ± 0.02
446	3rd	Room 8	C	Wall	Wood	White	Damaged	Negative	0.06 ± 0.03
447	3rd	Room 8	D	Wall	Wood	White	Damaged	Negative	0.06 ± 0.03
448	3rd	Room 8	C	Ceiling	Plaster	White	Damaged	Negative	0.02 ± 0.02
449	3rd	Room 8	C	Floor	Wood	Gray	Fair	Negative	0.13 ± 0.06
450	3rd	Room 8	C	Floor	Wood	Gray	Fair	Negative	0.02 ± 0.09
451	3rd	Room 8	A	Floor	Wood	Gray	Poor	Negative	0.02 ± 0.04
452	3rd	Room 8	B	Closet Wall	Plaster	Wallpaper	Fair	Negative	0.01 ± 0.02
453				Calibration- Surface		10-09-19	1.53mg/cm ²	Positive	1.60 ± 0.10
454				Calibration- Buried			1.04mg/cm ²	Positive	1.10 ± 0.10
455				Calibration- Buried			1.04mg/cm ²	Positive	1.10 ± 0.10
456				Calibration- Buried			1.04mg/cm ²	Positive	1.00 ± 0.10
457				Calibration- Buried			0.01mg/cm ²	Negative	0.00 ± 0.02



10 Mountain Ave, Norwich, CT 06360

BS = Base. Stairs

Cl = Closet



10 Mountain Ave, Norwich, CT
06360

**Lead Abatement Plan
for
10 Mountain Ave
Norwich, CT 06360**

A. Background Information

This abatement plan was submitted on October 11, 2019.

Address of property to be abated;
10 Mountain Ave
Norwich, CT 06360

This abatement plan was prepared by
Planner/Project Designer; Andrew Miller
Certificate #002129
1245 Hebron Ave
Glastonbury, CT 06033
860-633-3330

The property was inspected by;
Connecticut Lead Paint Solutions, LLC
1245 Hebron Ave
Glastonbury, CT 06033
860-633-3330
Lead Consultant License; #2124
Lead Inspector/Risk Assessor; Andrew Miller
Lead Inspector/Risk Assessor #002179
Date of inspection was September 25, October 08 and 09, 2019.

B. Owner/Owner Agent Information

The owners and agent of the house is;
Wingyan (Rita) Liang
16 Desjardins Dr.
Uncasville, CT 06382
860-608-9809

C. Resident Information

At the time of the inspection no children under the age of Six years resided in the dwelling. The occupants will be notified at least 5 days prior to starting any work. The 1st floor unit is vacant.

D. **Abatement Contractor Information**

The lead abatement contractor has not been selected yet. The Uncas Health Department will be notified when the selection has been made and before any work is started.

E. **Repairs Prior to Abatement**

No repair appear to be required prior to starting the abatement work.

F. **Abatement Techniques to be Used**

1. **Component Replacement.** Replace positive wood doors with metal or fiberglass replacement units, as needed. Possible replace two attic window sashes.
2. **Liquid Encapsulation.** Remove all defective paint, feather out all edges, wet sand and wash surface, on both the interior and exterior. Prime as required and paint with an approved encapsulating paint. The encapsulating paint must contain Bitrex.
3. **Rigid Encapsulation.** Cover positive exterior window, cellar window trim and upper trim with aluminum. Cover positive wood clapboards with Tyvek and vinyl siding.

The abatement contractor and/or owner must have read and follow Encapsulating Guide book when using encapsulating paints. Follow procedures for testing existing surface to ensure proper adhesion. Document all testing results. Consult with Lead Planner Project Designer if any surfaces fails test and therefore is not acceptable for encapsulation. Follow all procedure on proper preparation of surfaces that are to be encapsulated. The Lead Planner Project Designer will require the abatement contractor, if any, to provide a written and signed statement that they have read and followed the Liquid Encapsulating Guide. The guide is available online at; http://www.ct.gov/dph/lib/dph/environmental_health/lead/pdf/ec_guide.pdf.

The complete list of all areas and components to be abated, along with the methods to be used, is detailed on the attached abatement sheets.

G. **The Dates of the Abatement Project**

The estimated starting date of the abatement work is currently unknown. The Uncas Health Department will be notified 5 days prior to starting any abatement work.

H. **Notification To The Connecticut Historical Commission**

This house was built in or about 1890. The City of Norwich will notify the Connecticut Historical Commission, if required to do so

I. **Occupant Notification Procedure**

The owner or contractor will provide all tenants with the EPA guide titled; Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools.

Warning signs will be posted on all entrance doors of the building while abatement work is performed. These signs will be in English only.

J. Containment of the Work Area

Interior

Six mil plastic will cover the complete floor in the work areas and be taped completely to the baseboard prior to starting any work. After abatement work is complete, roll plastic inward so all paint chips and debris are sealed in the plastic, tape closed and place in 6 mil plastic bag and tape shut. HEPA vacuum work area after plastic is removed. Cover all heating duct vents, as needed.

Exterior

Containment is required to collect all paint chips and dust that disturbed during the exterior abatement. All windows and entrance doors must be covered with plastic, until all surfaces on that side are prepared for painting and primed.

After the surface preparations and abatement are complete, un-tape the plastic from the adjacent surfaces and roll inward or collapse so all paint chips and debris are sealed in the plastic. Tape the rolled plastic closed with duct tape and dispose of in six mil plastic bag. Hepa vacuum any paint chips on the ground that were not captured by the plastic.

No person will enter or remain in a work area at any time during this project except the owner, or his agent, certified workers, enforcement officials, their designees, or the lead project/planner. People other than those listed above may enter the work area only after the area has been clean-up and vacuumed with a HEPA vacuum.

K. Cleaning After Lead-Based Paint Abatement

Clean-up of the interior areas after the abatement work is completed will be as follows; remove the polyethylene plastic by un-taping from baseboards and rolling plastic inward, overlapping itself, wrap with tape after rolling up. Spray plastic surfaces with water bottle if plastic contains paint chips or loose debris. This will reduce dust movement. Put plastic into 6 mil plastic bags and tape shut.

HEPA vacuum all uncovered floor, window sills, window wells and all horizontal surfaces in work area. Wash all vacuumed surfaces with TSP or equivalent cleaner and rinsed with clean water. Avoid contaminating the washing solution by only using a clean paper towel or rag to wash surfaces. Discard all towels or rags after using just once. Hold towel/rag in a way that hands are never in contact with TSP solution. Carpeted floor will not be washed but HEPA vacuumed twice. HEPA vacuum wood or hard surface floors again after floors are dry.

Then after waiting 4 hours after active abatement has ceased the final clean-up can begin. For final clean-up, the abatement area is HEPA vacuumed, TSP washed and HEPA vacuumed again.

After 4 hours have passed after the clean-up of the abatement work, the areas will be ready for clearance testing.

L. Waste Disposal

All the waste plastic, window sashes and paint chips that have been removed will be wrapped in clean plastic and taped-up prior to being removed from the containment area. Disposal of all lead abatement waste will be in compliance with current all local and state regulations. If the owner elects to dispose of the debris himself, and the total amount of debris is 10 cubic yard or less, she will have an exemption from the waste disposal regulations. If it is anticipated that the amount of debris will be more than 10 cubic yards, consult with the Lead Planner Project Designer prior to any waste disposal.

M. Worker Protection

The owner, and any authorized visitor, without exception, will wear required protective clothing before entering any work area where active abatement is being performed but not yet completed and cleaned.

The worker protection will be as follows:

1. Workers will wear a full Tyvek suit (or equivalent).
2. Workers will wear booties when working in the containment area or on the containment plastic.
3. A half face respirator, NIOSH approved respirators, as required by Connecticut laws with an appropriate filter, (for lead dust) will be used when removing any window or door component.

No smoking, eating or drinking is to be done in the containment areas, and; the workers will wash hands at the end of working and before eating or drinking. Hand to Mouth activities are the easiest way for workers to be exposed to lead.

N. Clearance Testing

After the abatement work is complete and the areas have been cleaned up, a visual inspection will be performed and dust wipes samples will be collected in all rooms or areas where abatement work was performed. The visual inspection and the dust wipe samples will be done by the Uncas Health Department , Connecticut Lead Paint Solutions, LLC 1245 Hebron Ave, Glastonbury, CT 06033 860-633-3330 or another licensed lead consultant. Three dust wipe samples will be collected in each interior room or area where abatement was performed, one on a floor, one on a window interior sill and one on a window well in each room or area.

The clearance levels must be less than, as follows:

Floors	10ug/ft ² (micrograms per square foot of surface)
Porch Floors	40ug/ft ² (micrograms per square foot of surface)
Window Sills	100ug/ft ² (micrograms per square foot of surface)
Windows Wells	100ug/ft ² (micrograms per square foot of surface)

A final inspection will verify that all abatement work, as detailed in the abatement plan, has been completed, and that all of the clearance dust wipe tests results are under state action levels. Verify that all debris and construction materials removed from work areas. The letter of compliance shall then be issued by the Uncas Health Department.

Lead Management Plan

A lead management plan will need to be written, explaining which areas still have lead-based paint, when and how they will be periodically monitored. The lead management plan must be sent to the Uncas Health Department for their approval. The lead management plan will also include all surfaces that have been prepared and painted with an approved encapsulating paint. This will ensure that all current and future owners of this building are aware that even though the existing lead paint is covered and abated according to regulations, there is still lead-based paint under the new encapsulating paint.

The management plan will be written after the abatement is completed, since some changes from this abatement plan may occur, due to field conditions. Any changes, however, must be approved by the Uncas Health Department.

Abatement Sheet for
13 Gilmour St
Norwich, CT 06360

Room or Area	Component, number of components, Substrate	Location	Abatement Method	Comments
1st Floor				
Foyer	Door jamb and casing, 1, wood	C side	Prepare and encapsulate with an approved paint.	Door jamb is not an impact surface.
	Walls, wall cleat and ceiling, all, wood	All sides	Prepare and encapsulate with an approved paint.	
Room #1	Window sills and casings, 2, wood	A and B sides	Prepare and encapsulate with an approved paint.	
Kitchen Alcove	Cabinet shelves, all	Aside	Remove and replace	Alt. method. Cabinet is in bad condition. Remove complete cabinet and install new pre-finished oak cab.
Rear Entry	Opening casing and jamb, 1	B side		
	Window sash, 1, wood	A side	Cover with ¾ inch plywood, caulk all edges, and paint plywood 2 coats	This window is non-operable and other side is buried in the kit. wall.
	Window sill and casing 1, wood	A side	Prepare and encapsulate with an approved paint.	
	Transom lite and casing, all	C side	Prepare and encapsulate with an approved paint.	
	Walls and ceiling, all, wood	All sides	Prepare and encapsulate with an approved paint.	
Room #3	Window sills and casings, 3, wood	A and B sides	Prepare and encapsulate with an approved paint.	
	Baseboards, all, wood Include closet	All sides	Prepare and encapsulate with an approved paint.	
Room #5	Door and casing, 1, wood	C side	Door treatment	Note; the door is neg. for LBP
	Closet door and door frame, 1	A side	Door Treatment	
	Window sill and casing, 1	D side	Prepare and encapsulate with an approved paint.	
Room #5 closet	Window sill, 1	A side	Prepare and encapsulate with an approved paint.	The sash and casing are neg. for LBP
	Closet Baseboards. 1, wood	All sides	Prepare and encapsulate	

Lead Abatement Plan for 10 Mountain Ave, Norwich, CT 06360

Room or Area	Component, number of components, Substrate	Location	Abatement Method	Comments
2 nd floor Room #1	Window sills and casings, 2, wood	A and B sides	Prepare and encapsulate with an approved paint.	
Room #2	Door, 1, wood	B side	Remove and replace with metal replacement unit	Casing is neg. for LBP. Jamb was not tested
Room #3	Window sills and casings, 2, wood	A and B sides	Prepare and encapsulate with an approved paint.	
	Closet door and frame, 1,	D side	Door Treatment	Include interior side
	Baseboards, all, wood Include closet	All sides	Prepare and encapsulate with an approved paint.	
Room #3 closet	Window sill and casing, 1, wood	A side	Prepare and encapsulate with an approved paint.	
	Wall cleat, 1, wood	C side	Remove and replace with new.	
Room #4	Window sills and casings, 3, wood	C side	Prepare and encapsulate with an approved paint.	
	Door jamb and casing, 1, wood	B side	Door treatment	Note; the door is neg for LBP
	Baseboards, all, wood	All sides	Prepare and encapsulate with an approved paint.	
Room #6	Window sills and casings, 3, wood	C and D sides	Prepare and encapsulate with an approved paint.	
	Baseboards, all, wood	All sides	Prepare and encapsulate with an approved paint.	
Common Areas				
Front Porch	Window sashes, 7, wood	A, B and D sides	Remove and replace with vinyl replacement units	
	Window sills and casings, all	All sides	Prepare and encapsulate with an approved paint.	
	Upper trim, corner trim, wall, lower wall, columns, ceiling,	All sides	Prepare and encapsulate with an approved paint.	Do all wood painted surfaces
	Door and jamb, 1, wood	B side	Reframes, as needed and install new metal or fiberglass pre-hung replacement unit	
	Screen doors, 2, wood	C side	Remove and do not replace	
	Doors, 2, wood	C side	Door treatment	The jamb is not an impact surface

Lead Abatement Plan for 10 Mountain Ave, Norwich, CT 06360

Room or Area	Component, number of components, Substrate	Location	Abatement Method	Comments
Front Porch	Door jamb and casing, all, wood	C side	Prepare and encapsulate with an approved paint.	
	Door threshold, 1, wood Include the section in the Front Stairs.	C side	Remove all paint from threshold. Test with XRF to ensure that the new readings are now below regulatory limits. Paint or varnish 2 coats, per owner	
Front Stairs	Doors, door jamb and casings, 2	A side	Door treatment	
	Baseboards, all, both floors	All sides	Prepare and encapsulate with an approved paint.	
	Stair stringers, wall casings	All sides	Prepare and encapsulate with an approved paint.	
	Stair treads and risers, all	All	Prepare and encapsulate with an approved paint all exposed surfaces not covered with carpet.	
	Carpet, both floors	All	Hepa vacuum carpet and all edges (along baseboards)	Edges have dust and possible small paint chips.
	Opening casing and jamb and adjacent corner trim,	C side	Prepare and encapsulate with an approved paint.	At Attic Stairs entrance
Rear Stairs	Door, 1, wood, 1 st floor	B side	Replace with new metal door	Door jamb is neg. for LBP.
	Door casing and stop, 1 wood	B side	Prepare and encapsulate with an approved paint.	
	Window sills, 1	C side	Prepare and encapsulate with an approved paint.	The window casing and sash are neg. for LBP
	Stair stringers, all	All	Prepare and encapsulate with an approved paint.	The treads and risers are neg. for LBP
	Ceiling, all, 1 st floor, wood	All	Prepare and encapsulate with an approved paint.	
	Window sills and casings, 1	B side, 2 nd floor	Prepare and encapsulate with an approved paint.	
	Door and door jamb	D side, 2 nd floor	Replace with new metal or fiberglass pre-hung door unit	The casing is neg. for LBP, may be re-used
Base. Stairs	Door, 1, wood	D side	To be replaced with new metal door unit	As detailed in B side door Rear Stairs
	Clapboard wall, 1, wood	A side	Install furring strips on edges and cover with ½ plywood, paint 2 coats	Alt. method: repair any damaged wood, wash, prepare and encapsulate.
	Walls, all, wood	B and C side		

Lead Abatement Plan for 10 Mountain Ave, Norwich, CT 06360

Room or Area	Component, number of components, Substrate	Location	Abatement Method	Comments
Front Porch Ext.	Window sills, casings, soffits and all wood trim	A, B and D sides	Cover with aluminum	
	Lower walls, all, shingles	A, B and D sides	Remove all wood shingles. Add 3/8 fan-fold insulation and add vinyl siding.	
	Door casing, 1, wood	B side	Cover with aluminum	
Exterior	Overhang decorative upper trim and brackets	A and C side	Prepare and encapsulate	At overhang, entrance door to 1 st floor
	Overhang decorative upper trim and brackets	A side	Prepare and encapsulate	On front porch, if any
	Window cornice/pediments, all, wood	All side	Prepare and encapsulate with an approve paint, add correct flashing at junction on vinyl siding at top edge.	Mostly on the A side
	Window casings, all, wood	All sides	Add blocking or furring prior to install aluminum trim to maintain the correct reveal, as needed.	
	Attic window casings, and non-operable rounded upper sashes, 2	A and C	Prepare and encapsulate with an approve paint	
	Brackets, all, cross-members (at front gable)	All side	Prepare and encapsulate with an approve paint	
	All corner trim and lower trim, wood clapboards, all	All sides	Install 3/8 fan-fold insulation and install vinyl siding, color to be picked by owner.	
	Lower trim and sill plate	D side, At right corner	Repair all rotten wood and correct any damage to foundation.	Have repairs approved by the program prior to covering with vinyl
	Door kickplate, 1	C side	Cover with aluminum	
	Window panels and lower trim, at bay windows, all	C side	Prepare and encapsulate with an approve paint	
	Cellar window sashes, 2	B side	Replace with a vinyl replacement window	
	Foundation wall, as needed, brick	D side, left side	Prepare and encapsulate with an approve paint	Finish coat with red exterior paint.
Yard	Bare soil, all	D side	Hepa vacuum all visible paint chips	Test results are pending

