



City of Auburn, Maine

Business & Community Development

Glen Holmes, Director

60 Court Street | Auburn, Maine 04210

www.auburnmaine.gov | 207.333.6601

July 22nd 2022

Request for Proposals Housing Rehab – Lead Abatement

Dear Bidder:

Your firm is invited to submit a bid for a rehabilitation project concerning the property located at **171 Sixth Street**. The City of Auburn is governed by Title 1 M.R.S.A. § 401-410, otherwise known as the Freedom of Information Act, which considers bid specifications as public documents.

Questions regarding this Request for Bids should be directed to Kevin Bean, Community Development Coordinator at (207) 333-6601, ext. 1337.

Your **SEALED** bids must be labeled **2023-004 Lead Abatement 171 Sixth Street** and delivered to Community Development Department, 60 Court Street, First Floor, Auburn, Maine 04210 by **12:00 p.m. on Aug 10th, 2022**. Bids will be opened publicly at City Hall at 12:30 p.m. Bids received after the opening will be rejected.

There will be a mandatory pre-bid conference at the project site on **August 3rd, @ 12:00 p.m.**

This project's specifications begin on page 3 (see attached prints / specifications) of this bid invitation. Please review the specifications and be prepared to ask questions.

Sincerely,

Kevin Bean
Community Development Coordinator

PROJECT DESCRIPTION

Project Narrative

CONDITIONS AND INSTRUCTIONS TO BIDDERS

1. Submission of your bid **must** be in a **sealed** envelope marked **2023-004 Lead Abatement 171 Sixth Street**
2. Bidders **must** use the enclosed bid form. Bids must be completed in full, in ink and must be signed by firm's owner or designated official.
3. Bids may be withdrawn prior to the time set for the official opening.
4. Bids will be opened publicly. Bidders or representatives may be present at the bid opening.
5. The City of Auburn reserves the right to eliminate any task(s) from the scope of work / bid, prior to any contractual agreements as the City deems best for the interest of the owner or any budgeting constraints.
6. The City of Auburn reserves the right to waive any formality and technicality in bids, whichever is deemed best for the interest of the owner. Generally, awards will be made to the lowest responsible bidder. The owner, however, reserves the right to accept or reject any or all bids in whole or in part. In awarding a bid, the owner may consider, but is not be limited to, any of the following factors: price and completion date.
7. Contractors **must** be current on all amounts due to the City of Auburn.
8. The contractor must be current with licenses and certifications and must have valid certificates of all required insurance prior to the City entering into any contract agreement. Copies of required insurance and licenses relevant to the scope of work shall be included in the bid response package. Failure to include these documents may disqualify the proposal as incomplete.
9. Contractors are responsible to obtain any required permits and must include the cost in their bid.
10. No contract may be assigned to a subcontractor without the written consent of the owner and City Staff. Neither party shall assign or transfer its interest in the contract without the written consent of the other party.
11. The selected contractor will be required to sign a construction contract. If you have not already reviewed the City of Auburn's contract, please ask to see it prior to submitting a bid.
12. Construction must begin within 30 days of the bid award. Failure to begin construction within this time frame will void the contract and the project will be rebid.

City of Auburn, Maine

"Maine's City of Opportunity"

Community Development Block Grant



July 22, 2022

WORK WRITE-UP
PROJECT # 2023- 004
REVISION #1

OWNER / PROPERTY INFORMATION

Kendall Blais
171 Sixth Street
Auburn, ME 04210
207 - 740 - 1538
Cell:

CONTRACTOR INFORMATION

Company Name _____
Address _____
Phone _____
Signature _____
Title _____

BID TOTAL (to include any and all fees such as permitting fees) \$ _____

The contractor must inspect the property. Submission of a bid is presumptive evidence that the bidder has thoroughly examined the site and is conversant with the requirements of the local jurisdiction. Submission of a bid is presumptive evidence that the bidder fully understood the entire scope of work required and will be responsible to complete project as defined on specifications provided and explained during the pre-bid meeting for the amount submitted.

LIST ANY SUBCONTRACTORS THAT WILL BE ENLISTED TO PERFORM WORK ON THIS PROJECT. ALL LICENSES, CERTIFICATES AND COPIES OF INSURANCE MUST ALSO BE ATTACHED.

Contractor _____ Phone _____
Address _____

Contractor _____ Phone _____
Address _____

Contractor _____ Phone _____
Address _____

Contractor _____ Phone _____
Address _____

UNIT 171 Sixth Street

Exterior

Side -

1. Door Casing:
Coil Stock – Enclosure

A4

\$

2. Fascia:
Coil Stock – Enclosure

A, B, C, D

\$

3. Basement Window Sash
Remove & replace

C6, D6, D7

\$

4. Basement Window Stop/ Sill
Coil Stock – Enclosure

C6, D6, D7

\$

Exterior - Porch

Side -

1. Upper Wall
SPP – Encapsulate

B, C, D

\$

2. Lower Wall / Sill Shelf
SPP – Encapsulate

B, C, D

\$

Lead Design Specifications



Location:

171 Sixth Street
Auburn, Maine 04210

Owner Information:

Name: Kendall Blais & Erin Ferracci
Address: 171 Sixth Street
Auburn, ME 04210

Design date:

05-23-2022

Prepared by:

Stephanie L Martin, LD-0345 Expires 01/04/2023
Clarity Property Services, LLC
Email: leadinspections@outlook.com

Contractor Information:

Name: _____

Address: _____

Phone Number: _____

After careful review of the following, the applicant(s) and contractor, understand and accept the work described herein. Only the work described herein will be performed. ANY and ALL changes to these design specifications must be by written change order and agreed to by all parties following program requirements. **All recommendations are valid for one (1) year and can only be amended or changed by performing a new risk assessment.**

X _____
Contractor **Date**

X _____
Owner **Date**

X _____
Owner **Date**

CONTRACT PRICE: _____

REHABILITATION STANDARDS AND SPECIFICATIONS

SECTION 1 –

GENERAL REQUIREMENT FOR ALL PROJECT SPECIFICATIONS

1. All work performed shall conform to the General Standards herein, DEP Lead Management Regulations (Chapter 424), HUD requirements for Notification, Evaluation, and “Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing receiving Federal assistance” (24 CFR Part 35), EPA Renovation, Repair and Painting Rule, manufactures recommendations, and all applicable Local and State building codes, laws and regulations. **If no local building code exists, the MUBEC will apply.**
2. Scrape inspections are required for removal of paint from components (abatement or interim control). Scrape inspections are required for both interior and exterior work prior to the priming and or painting process. If a scrape inspection has not been performed, the Contractor will be required to remove any paint to ensure compliance with this section.
3. Any and all Maine DEP project variances must also be approved in writing by the Lead Designer and **The Auburn Lead Program** prior to implementation. **NOTE: Monetary change orders may be required by The City of Auburn.**
4. All measurements are approximate and must be verified by the Contractor. No claim for additional funds due to discrepancies in measurements or quantities shall not be honored.
5. All Materials having color or pattern shall be selected by the owner from standard color/style chart. All colors, styles, and types of materials will be listed in the job specifications prior to contract signing.
6. All installed windows and exterior doors will be Energy Star rated for the Northeast. All windows will have a U-Value of .27 or less. Windows will have full screens. Egress casement windows will have a factory installed horizontal mullion to give the appearance of a double hung window. **NOTE: Single hung windows will require half screens.**
7. All exterior doors installed will be keyed alike (per unit), and include adjustable thresholds and half glass unless otherwise noted in design specifications. Exterior doors will meet Energy Star requirements for the Northeast.
8. Building permits, electrical permits, plumbing permits and other permits required by local or State authorities shall be obtained by the contractor and the costs shall be incorporated into the proposal amount submitted by contractor. Contractor must obtain permits prior to commencement of work and must provide copies of permits to the Owner and **The City of Auburn** for documentation. Failure to obtain required permits will result in nonpayment of work until the necessary permits are obtained.
9. Workmanship and materials not covered by manufacturer’s warranty shall be warranted by the Contractors for a period of at least one year from date of final payment to the contractor. All manufacturer warranties shall be delivered by the Contractor, to the homeowner along with the final billing. Manufacturer’s installation instructions, as required by the 2009 ICC Code shall be available on the job site at the time of inspection.
10. Product information/labeling showing compliance, where required, with Energy Star Ratings shall be provided to the home owner and **The City of Auburn** prior to installation.
11. All Interim Control work must be performed in accordance with both EPA RRP and HUD Lead-Based Paint regulations as described in 24 CFR Part 35 et al, with the exception that certain contractors such as electrical, plumbing, roofing, weatherization and heating specialists may be exempt from using HUD lead safe practices so long as they do not disturb any more than two square feet of painted surfaces per room or a total of 20 square feet of painted surfaces on the exterior. Contractors performing work in accordance with HUD Lead-Based Paint regulations as described in 24 CFR Part 35 et al must have attended an EPA RRP course taught by a Maine DEP certified training provider. Lead safe practices must be employed in all work that disturbs painted surfaces. After completion of all work, contractor must clean the work area(s) to meet Maine DEP Chapter 424 Lead Dust / Soil clearance standards as follows;

- Hard floors and Carpeted floors = 10 micrograms (ug) per square foot (ft²)
- Interior Window Sills = 100 micrograms (ug) per square foot (ft²)
- Window Troughs = 100 ug/ micrograms (ug) per square foot (ft²)
- Exterior Porch = 40 micrograms (ug) per square foot (ft²)
- Other nonporous surfaces = 10 micrograms (ug) per square foot (ft²)
- Five (5) foot radius outside of contained area(s) = 10 micrograms (ug) per square foot (ft²)
- Non-play Area Soil = 900 parts per million (ppm)
- Play Area Soil = 100 parts per million (ppm)

If dust wipe and/or soil samples do not pass the above standards, contractor must return to the job site, at his own expense, and clean until these standards are met. Final payment will be withheld until clearance standards are achieved. Costs incurred for an additional site visit and dust swipe sampling costs will be taken from monies due to the contractor. In homes where there are children under 6 years of age the Owners must, at their own expense, temporarily relocate these children from work areas where paint will be disturbed until the work has been completed and the dust wipe clearance standards shown above have been achieved.

12. The contractor must inspect the property and attend a pre-bid walkthrough. Submission of a bid is presumptive evidence that the bidder has thoroughly examined the site during a pre-bid walk through and is conversant with the requirements of the local jurisdiction.
13. All materials used in conjunction with this work write-up are to be new, of first quality and without defects – unless stated otherwise or pre-approved by owner and Design Consultant in writing.
14. Contractors shall not perform any work, substitute any specified materials, colors, patterns, quantities, or change specified material qualities or quantities not listed in the job specifications without a written change order pre-approved by **The City of Auburn**, owner and Lead Design Consultant.
15. All materials shall be installed in full accordance with the manufactures specifications and industry standards for working conditions, surface preparation, methods, testing, and protection.
16. All repaired or newly installed exterior non-pressure treated wood must be sealed, stained or otherwise protected from the elements following industry standards.
17. Walls and attached components shall be identified with the letters A, B, C, D etc. Wall A is always the wall that is closest to the address elevation or “street side” of the house. Moving clockwise, the walls are then B, C, D, etc.
18. Down payment or deposits to contractors are not authorized. No work/materials will be paid for in advance.
19. Detailed invoices submitted to the **City of Auburn** shall accompany each payment request.
20. The use of the “Booth” or “Mini-Containment” system(s) will be determined by the Lead Design Consultant. Determination shall be in writing.
21. Any and all changes in the Lead Design agreed to during the Pre-bid Walkthrough will be made in writing in the form of a bid amendment. This form will become part of the contractor’s bid proposal and will be submitted with contractors bid.
22. **Placement of the decontamination unit shall be determined and established via writing as an addendum to the design plan specifications prior to the commencement of any lead abatement activities.**

SECTION 2 - DEFINITIONS

- 1 Abatement. “Abatement” means any measure or set of measures designed to permanently eliminate lead hazards. For the purpose of this definition, “permanently means for at least 20 years.
- 2 Impact Surface. “Impact surface” means a surface that is subject to damage by repeated sudden force, such as certain parts of door frames.

- 3 Interim control. "Interim control means a set of non-abatement measures designed to temporarily reduce human exposure or likely exposure to lead hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of potential lead hazards and the establishment and operation of management and resident education programs. NOTE: When interim control measures (covering a surface with a coating or other treatment) are used, friction points or friction surfaces must be treated so that paint is not subject to abrasion. Examples of acceptable treatments include re-hanging and or planning doors so that the door does not rub against the door frame, removing paint from the friction/impact part of a door jamb (frame) and covering of bare soils.
- 4 Install. "Install" means to purchase, set up, test, and warrant a new component. "Replace" means to remove and dispose of original material, purchase new material, deliver, install, test, and warrant.
- 5 Paint. "Paint means any substance applied to a surface as a coating, including, but not limited to household paints, varnishes, and stains.
- 6 Repair. Repair" means to return a building component to like new condition through replacement, adjustment, and recoating of parts.
- 7 Reinstall. "Reinstall means to remove, clean, store, and install a component.
- 8 Substrate. "Substrate" means the material underneath the paint such as brick, concrete, drywall, metal, plaster or wood.
- 9 Work Area. "Work area" means an interior or exterior area where lead abatement or interim control activities are to take place. There may be more than one work area in a residential dwelling or child care facility.
- 10 Window & Door Units. Window/door components are defined as follows:
 - a. Window sash (includes mullions)
 - b. Window casing (includes header and apron)
 - c. Window sill
 - d. Window jamb (includes parting bead and stops)
 - e. Window well (also called trough)
 - f. Door (includes stiles, panels and edge)
 - g. Door jamb (includes frame and stops)
 - h. Door casing (includes header)
 - i. Door threshold

SECTION 3 –SCOPE OF WORK

The scope of work shall consist of complete paint removal, encapsulation, enclosure, and/or whole component removal of lead-based paint hazards as identified in the lead based-paint inspection report.

1. **Owner Responsibilities:**

- A. Owner shall remove all personal belongings from the house/work area.
- B. Owner shall shut off gas to the stove, (if applicable).
- C. Owner shall provide keys to the Contractor for access to the home.
- D. Owner shall pre-determine colors and flooring selections in writing. This shall be performed prior to the start date.
- E. Owner shall supply electricity, water and heat to the abatement contractor for the duration of the project.
- F. Owner shall remove and keep clear, all debris from the exterior at least 10 feet from the building perimeter if exterior work is performed.

2. **Contractor Responsibilities:**

- A. Contractor shall confirm that all furniture and personal belongings have to be removed from the house/work area prior to the start of the project.
- B. Contractor shall coordinate access to the home for any visual inspections and clearance sample testing to be performed.
- C. Contractor shall be responsible for completing all work specified in the Design Plan including any and all revisions made to the design for the purpose of the project within contract dates specified. **This specifically includes the placement of the decontamination unit.**
- D. Contractor shall perform an ASTM approved tape method before applying any encapsulating paint to a building component to ensure proper adhesion to the substrate.
- E. Contractor shall store debris in a secure area until final disposal. Dispose of in accordance with the Mine Department of Environmental Protection's Lead Management Regulations.
- F. Contractor shall be financially responsible for all associated sampling costs such as administrator labor, travel, postage, and laboratory analysis of the dust samples if interim or final clearance samples fail.
- G. Contractor shall repair or replace any building components damaged during the project to match existing building components.
- H. All product warranty information must be given to the **City of Auburn** and the home owner prior to final payment of project. Product labels (stickers) showing Energy Star Compliance will remain in place until inspected and approved by Lead Design Consultant.
- I. A written notification plan will be developed by the Contractor and provided to the owner/tenant, the Administrator and the **City of Auburn**.
- J. Contractor shall provide a final abatement report to the **City of Auburn**, Administrator, and the homeowner within 30 days after project completion in accordance with DEP Chapter 424, Section 6.G.
- K. The use of a "Booth" or "Mini-Containment" system will be determined by the Lead Design Consultant and shall be in writing.

SECTION 4 – NOTIFICATIONS

1. **Notification:**

The abatement contractor shall notify the Maine Department of Environmental Protection, the Administrator and the **City of Auburn** at least five (5) working days prior to the start of any lead abatement activity, including set-up or on-site preparation activities. Delivery of notice by U.S. Postal Service, commercial delivery service, hand delivery, facsimile or email are acceptable methods. The **City of Auburn** also requires notification of Interim Control /LSR work performed on site.

***NOTE:** A weekly updated schedule for each lead abatement project by dwelling unit, if applicable, shall be faxed/emailed each Monday morning to **ALL** above listed parties until the project is complete. In the event of a scheduled work day/hours are changed after the weekly notification, the contractor must notify the DEP, Administrator and **The City of Auburn** by email or phone no later than 8 A.M on the day of the scheduled change.*

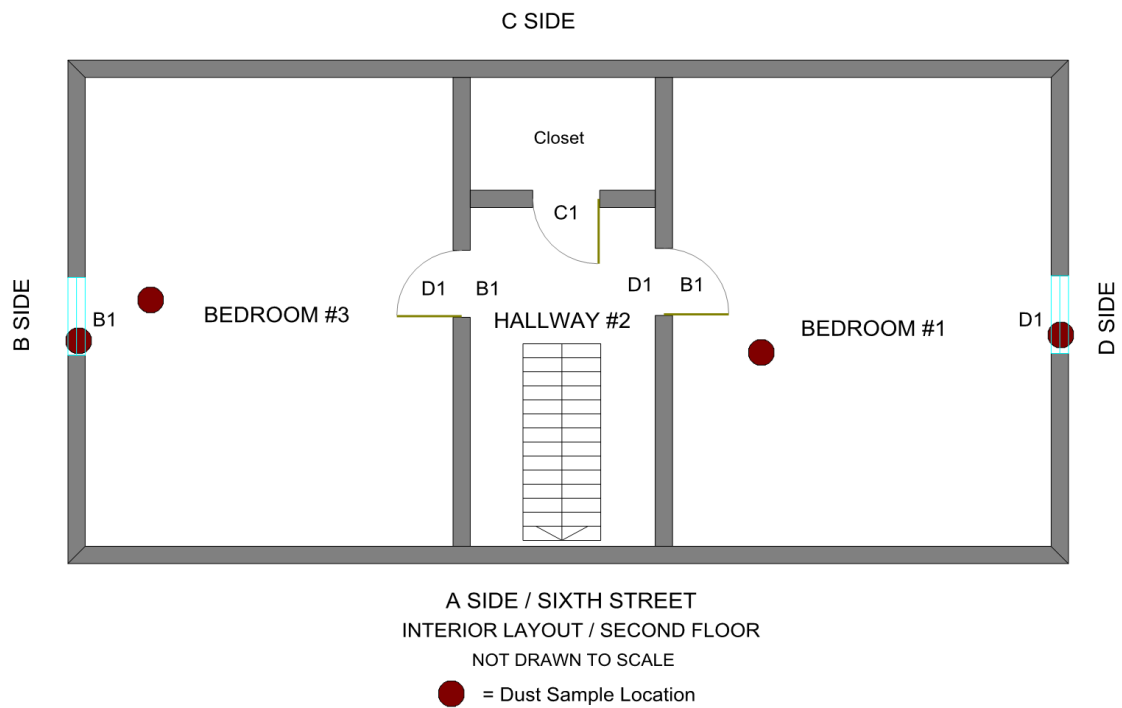
2. **Tenant Notification:**

The abatement contractor shall notify the tenants of the pending abatement activity. This notification (Occupant Protection Plan) shall include the scheduled dates for abatement, work hours, identification of work areas, and information on any alternative entrance or exit to be used during the course of the abatement activities. This notification shall be in writing and delivered at least five (5) days prior to the start of the project.

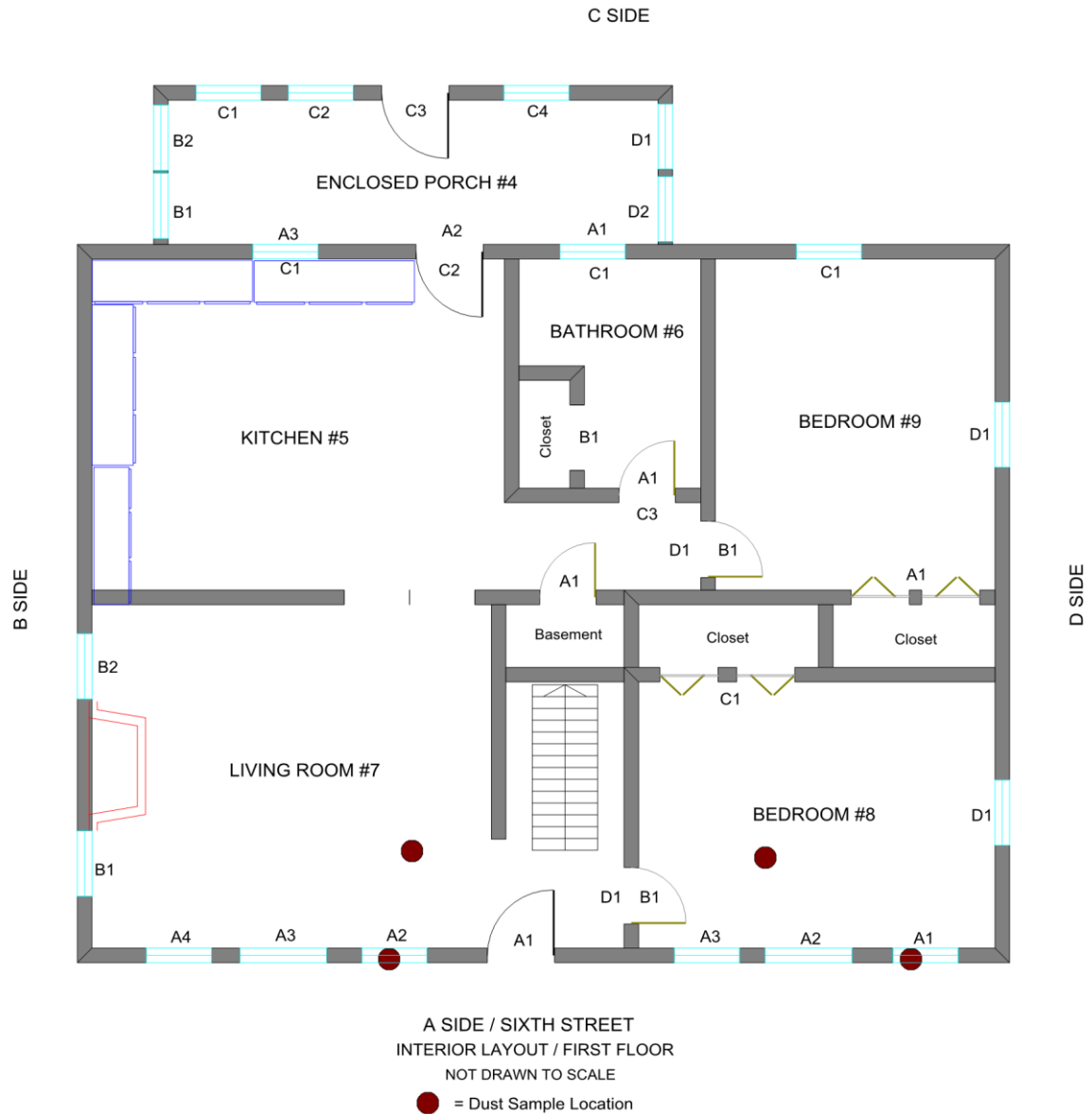
***See Appendix A to find procedures for recommended abatement methods.**

Room # And Name	Building Component	Location	Abatement Method	Labor	Materials	Total
Exterior	Door Casing	A4	Coil Stock - Enclosure			
Exterior	Fascia	A, B, C, D	Coil Stock - Enclosure			
Exterior	Basement Window Sash	C6, D6, D7	Remove & Replace			
Exterior	Basement Window Stop/Sill	C6, D6, D7	Coil Stock - Enclosure			
Porch #4	Upper Wall	B, C, D	SPP - Encapsulate			
Porch #4	Lower Wall Sill/Shelf	B, C, D	SPP - Encapsulate			

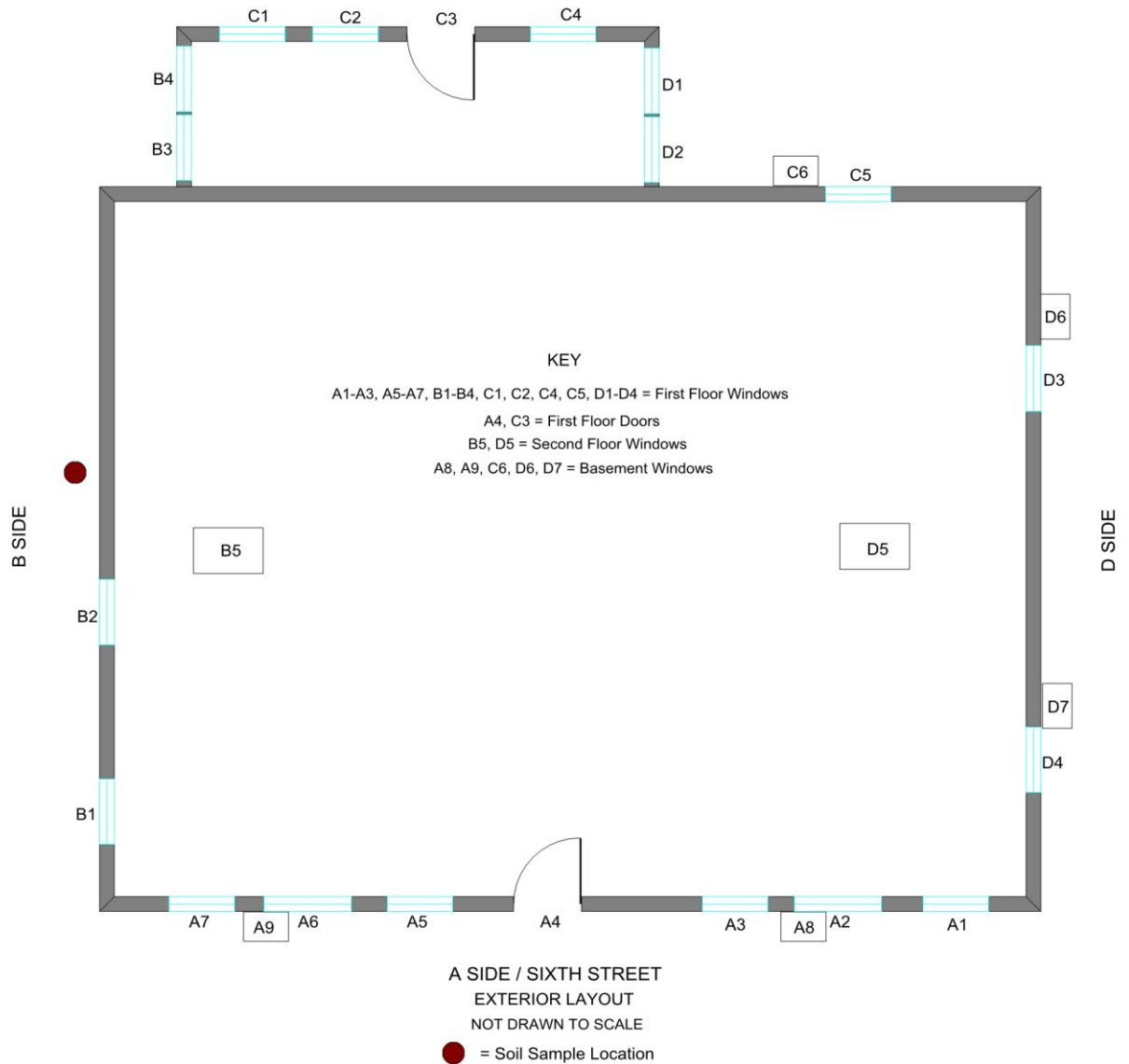
*Interior Property Drawing – Second Floor
171 Sixth Street, Auburn, ME*



Interior Property Drawing – First Floor 171 Sixth Street, Auburn, ME



Exterior Property Drawing – 171 Sixth Street, Auburn, ME



Appendix A: Abatement Methods

Window Components:

- Remove and Replace:** Remove and dispose existing window, including storm window. **All new windows must be labeled showing a U-Factor ≤ 0.27 or equivalent.** Labels must remain in place until approved/ inspected by Construction Manager. (Windows will be "1 over 1" style sashes. Window grids will not be included unless noted on the design specifications prior to contracting.) (Building permit w-drawings/ window specifications required). Remove window weights if present and Insulate weight cavity using spray foam insulation in 1–4-unit size buildings. *5 units + buildings may use equivalent fiberglass insulation in the weight cavity. Caulk inside of exterior window stops* and install window unit per manufacturer instructions. Apply low expanding foam around window in rough opening. (MUBEC requires gaps are sealed). Install non-lead window stops to match existing. Caulk exterior of window installation after install. New components to be caulked primed and painted to match existing, *or* color agreed upon by owner. *No stops or trim components shall be left unfinished.* Historically Significant Projects require SHPO Pre-Approved Replacement Windows. (Typically, Wood frame and sashes with Grids) Windows are to meet Egress code compliance, which may require a window style change. Contractor shall cover any exterior window stop paint exposed when removing storm windows. Follow specifications for coil exterior trim. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5)

WINDOWS			
CLIMATE ZONE	U-FACTOR ¹	SHGC ²	
Northern	≤ 0.27	Any	Prescriptive
	≤ 0.28	≥ 0.32	Equivalent Energy Performance
	≤ 0.29	≥ 0.37	
	≤ 0.30	≥ 0.42	



- Encapsulation (SPP):** **Remove All "Loose and Flaking" paint, (including All Edges)** using safe paint removal methods. *Repair damaged sections if necessary* and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD** at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing, *or* be agreed upon by owner and noted on the design. Provide the owner with remaining encapsulant paint (1/2-gallon min.) at the end of the project.
- Paint Removal (STB):** **Remove Paint to bare substrate** on **ALL SIDES** of the component, using lead safe paint removal methods. *Repair damaged sections if necessary.* HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Color to match existing, *or* be agreed upon by owner and noted on the design. Provide the property owner with remaining paint (minimum 1/2 gallon) at the end of the project. Subject to ME DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2). **Paint Scrape Inspections** to verify coating removal and surface preparation before applying the prime and paint/ encapsulation layers **are required for these methods,** documented with photo(s).
- INTERIM CONTROL:** Wet scrape all loose and flaking paint from the substrate. Wet sand, smooth any rough paint edges. HEPA vacuum and wet wash the component. Apply one coat of primer to the scraped areas and two coats of paint to the entire surface of the component. **NOTE: All impact surfaces must be scraped to bare wood a minimum of 2" from impact edges.**
- Enclosure with Aluminum Coil Stock (Exterior):** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot or add wood supports for attaching the enclosure. May be used for Window Troughs if needed. Bend to fit and install aluminum coil stock to cover the entire surface. *Wide*

sections may require additional seams or a relief bend to allow controlled expansion and contraction during seasonal temperature changes. **Overlap by 2" Minimum and in a manner that Sheds Water at All Seams.** Fasten coil with color coordinated nails through pre-drilled holes minimum 24" O.C. Do not caulk and seal long spans where the metal needs room to expand and contract with the seasons. **For components shorter than 6', caulk seams to prevent dust migration** from behind the enclosure. Color to be white, **or** stock color agreed upon by owner and noted on the design.

Door Components:

- **Encapsulation (SPP):** *Remove All "Loose and Flaking" paint, (including All Edges)* using lead safe paint removal methods. *Repair damaged sections if necessary* and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD**, at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. A Paint Scrape Inspection by the Program Construction Manager is required. Prime entire surface and Paint 2 coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing, **or** be agreed upon by owner and noted on the design. Provide the owner with remaining encapsulant paint (1/2-gallon min.) at the end of the project.
- **Remove and Replace (Exterior and Unit Entry):** Remove and dispose existing door (including hardware, door jamb, and possibly casing). Newly installed unit entry locksets/dead bolts will be keyed alike in each separate unit. *(Special locksets may be required by the owner at their own expense).* Existing screen/storm doors will be replaced with similar style *only if specified in the design.* Existing door closer(s) *will not be disposed of unless identified as a Lead Hazard.* *Door closers to be addressed by a method agreed to by the owner in the design specifications.*
 - **Exterior Doors:** Install a standard grade steel Exterior door with adjustable sills. Solid steel door or 9-Lite steel door (with upper glass) are per owner request in writing. Installation to include ANSI Grade 2 lockset. Door will be Energy Star compliant for the Northeast Region. Labels will remain on doors until inspected/ approved by Construction Administrator. *Doors into a private unit require lockset with deadbolt properly installed. (Configuration to match existing if owner chooses to re-use existing locksets).* Install per manufacturer instructions, including caulking. Insulate door cavity using spray foam insulation. (MUBEC requires gaps are sealed). Install non-lead door casing to match existing. New trim components to be caulked, primed and painted to match existing, *or* color agreed upon by owner. *No trim components shall be left unfinished.* Apply primer (if necessary) and two (2) coats of finish paint or stain to the entire surface of the door, per design spec. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).
 - **Fire-Rated Doors (Common Areas):** Unit Entry doors or Storage Entry doors require a 90-minute fire rated door. (Other fire door options may be allowed for custom door configurations.) Door must have factory labeled fire rating. Installation to include ANSI Grade 2 lockset or better. *Fire-Rated doors require closers or self-closing hinges. Doors into a private unit require lockset with deadbolt properly installed. (Configuration to match existing if owner chooses to re-use existing locksets).* Install per manufacturer instructions, including caulking. Insulate door cavity using spray foam insulation. (MUBEC requires gaps are sealed). Install non-lead door casing to match existing. New trim components to be caulked, primed and painted to match existing, *or* color agreed upon by owner in writing. *No trim components shall be left unfinished.* Apply primer (if necessary) and two (2) coats of finish paint or stain to the entire surface of the door, per design specifications. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).
- **Remove and Replace (Interior):** Remove and dispose existing door (including hardware, door jamb, and possibly casing) Door & Jamb: Install a new 6 panel solid pine door, approved equal pre-hung door, or door with custom jamb. Installation to include proper passageway or privacy lock/latch set and standard 3 hinge configuration. Install door following standard practice. Install non-lead door casing to match existing. New trim components to be caulked, primed and painted to match existing, *or* color agreed upon by owner. *No jamb or trim components shall be left unfinished.* *Door slab to be finished with two (2) coats stain or primed and painted two (2) finish coats,* per design specifications. Subject to ME DEP Component Removal Method (Chapter 424 Section 6.C.5)

- **Door Slab:** Install a new 6 panel solid pine door slab or an approved equal. Installation to include proper passageway or privacy lock/latch set and standard 3 hinge configuration. Install door following standard practice. *Install* non-lead door casing to match existing. New trim components to be caulked, primed and painted to match existing, *or* color agreed upon by owner in writing. *No jamb or trim components shall be left unfinished. Door slab to be finished with two (2) coats stain or primed and painted two (2) finish coats,* per design specifications. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5).
- **Enclosure:** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot for attaching the new enclosure. Mechanically fasten Finish Grade wood/ wood panel product (minimum 1/4" thickness) to the entire surface. All edges shall be clean-cut and closely fitted. (Ensure there are No sharp or frayed edges). Install per manufacturer recommendations, if applicable. **Caulk all butt seams and holes to prevent dust migration** from behind the enclosure. Material shall be finished with two (2) coats of stain or primed and painted with two (2) finish coats. For wet locations, finished surface to be approved for wet location use. Subject to Maine DEP Enclosure Method (Chapter 424 Section 6.C.4)
- **Paint Removal (STB):** *Remove Paint to bare substrate* on **ALL SIDES** of the component, using lead safe paint removal methods. *Repair damaged sections if necessary.* HEPA clean and wet wash the component. A Paint Scrape Inspection by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Color to match existing, *or* be agreed upon by owner in writing and noted on the design. Provide the property owner with remaining paint (minimum 1/2 gallon) at the end of the project. Subject to Maine DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2)
- **INTERIM CONTROL:** Wet scrape all loose and flaking paint from the substrate. Wet sand, smooth any rough paint edges. HEPA vacuum and wet wash the component. Apply one (1) coat of primer to the scraped areas and two (2) coats of paint to the entire surface of the component. **NOTE: All impact surfaces must be scraped to bare wood a minimum of 2" from impact edges.**
- **Enclosure with Aluminum Coil Stock (Exterior):** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot or add wood supports for attaching the enclosure. May be used for Window Troughs if needed. Bend to fit and install aluminum coil stock to cover the entire surface. *Wide sections may require additional seams or a relief bend to allow controlled expansion and contraction* during seasonal temperature changes. **Overlap by 2" Minimum and in a manner that Sheds Water at All Seams.** Fasten coil with color coordinated nails through pre-drilled holes minimum 24" O.C. Do not caulk and seal long spans where the metal needs room to expand and contract with the seasons. **For components shorter than 6', caulk seams to prevent dust migration** from behind the enclosure. Color to be white, *or* stock color agreed upon by owner in writing and noted on the design.

Walls:

- **Remove and Replace:** Remove and dispose of the component(s) to clear the hazard. *(May requires a building permit with drawings.)* **Repair any unfinished surface to meet interior or exterior exposure as needed.** Exterior Wall Openings: Install framing as needed. Seal outside with exterior rated plywood and finish as needed to maintain a weather resistant exterior. Seal and insulate the cavity to meet State and / or Local code requirements. Seal the interior surface with minimum 1/2" sheetrock. Mud & Tape three (3) coats. Interior Wall Openings: Install framing as needed. Insulate the cavity and install 5/8" fire-rated sheetrock each side of the opening. Mud & Tape three (3) coats. Surfaces shall be finished. (Two (2) coats of stain or primed and painted two (2) finish coats, if required). Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5)
- **Enclosure:** Prepare surface by removing obstructions and repair damage for attaching the new enclosure. Sheetrock Mud/Tape (minimum 3/8" thickness) shall be installed with mechanical fasteners to cover the Lead Paint Hazard. Seams shall be mud and taped three (3) coats. Install Lead Free baseboard and trim as needed to complete. Primed and painted two (2) finish coats. Materials and colors to be agreed upon by owner in writing and noted on the design specifications. **Electrical Fixtures** in good condition shall be loosened (as necessary) and re-secured through the enclosure material installed. **Fixture replacement shall be the owner's responsibility.** Subject to Maine DEP Enclosure Method (Chapter 424 Section 6.C.4)

- **Encapsulation (SPP):** *Remove All "Loose and Flaking" paint, (including All Edges)* using lead safe paint removal methods. *Repair damaged sections if necessary* and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD** at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing, *or* be agreed upon by owner in writing and noted on the design. Provide the owner with remaining encapsulant paint (1/2-gallon min.) at the end of the project.
- **INTERIM CONTROL:** Wet scrape all loose and flaking paint from the wall. Fill and/or wet sand rough paint edges. Repair cracks, voids and defects in wall by removing/preparing, and disposing of properly damaged material. Repair/replace damaged areas and use taping/plastering techniques as needed to insure proper repair. Apply one (1) coat of primer to the repaired areas and two (2) coats of finish paint to the entire wall.
- **Paint Removal (STB):** *Remove Paint to bare substrate* on **ALL SIDES** of the component, using safe paint removal methods. *Repair damaged sections if necessary*. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Color to match existing, *or* be agreed upon by owner in writing and noted on the design specifications. Provide the property owner with remaining paint (minimum 1/2 gallon) at the end of the project. Subject to Maine DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2)

Exterior Fascia/Corner Boards (Trim):

- **Remove and Replace:** Remove and dispose of the component(s) to clear the hazard. *(May requires a building permit with drawings.)* **Repair any unfinished surface to meet interior or exterior exposure as needed.** Exterior Surfaces shall be finished. Subject to Maine DEP Component Removal Method (Chapter 424 Section 6.C.5)
- **Enclosure with Aluminum Coil Stock:** Prepare surface by removing obstructions (or decorative molding) that are not structural and repair rot or add wood supports for attaching the enclosure. May be used for Window Troughs if needed. Bend to fit and install aluminum coil stock to cover the entire surface. *Wide sections may require additional seams or a relief bend to allow controlled expansion and contraction* during seasonal temperature changes. **Overlap by 2" Minimum and in a manner that Sheds Water at All Seams.** Fasten coil with color coordinated nails through pre-drilled holes minimum 24" O.C. Do not caulk and seal long spans where the metal needs room to expand and contract with the seasons. **For components shorter than 6', caulk seams to prevent dust migration** from behind the enclosure. Color to be white, *or* stock color agreed upon by owner in writing and noted on the design specifications.
- **Encapsulation:** *Remove All "Loose and Flaking" paint, (including All Edges)* using lead safe paint removal methods. *Repair damaged sections if necessary* and feather smooth any rough paint edges. **All Component IMPACT SURFACES MUST BE SCRAPED TO BARE WOOD** at the impact location and a minimum of 2" from the impact edges. Feather smooth the paint transition. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Paint shall contain LBC (Lead Barrier Compound) and meet Maine DEP standards for encapsulation. Color to match existing, *or* be agreed upon by owner in writing and noted on the design. Provide the owner with remaining encapsulant paint (1/2-gallon min.) at the end of the project.
- **Paint Removal (STB):** *Remove Paint to bare substrate* on **ALL SIDES** of the component, using lead safe paint removal methods. *Repair damaged sections if necessary*. HEPA clean and wet wash the component. **A Paint Scrape Inspection** by the Program Construction Manager is required. Prime entire surface and Paint two (2) coats finish. Color to match existing, *or* be agreed upon by owner in writing and noted on the design

specifications. Provide the property owner with remaining paint (minimum 1/2 gallon) at the end of the project. Subject to Maine DEP Paint Removal Guidelines (Chapter 424 Section 6.C.2)

- **INTERIM CONTROL:** Wet scrape all loose and flaking paint from the trim. Intact paint does not need to be scraped. HEPA vacuum and wet wash the entire surface of the trim. Apply one (1) coat of primer to the scraped areas and two (2) coats of finish paint to entire surface of the trim.

Interior Dust Hazards:

- **Remove (Clean):** Clean all surfaces identified as having lead dust hazards:
Movable items shall be removed from the work area to prevent contamination. (Non-moveable furniture or components to be pre-cleaned, then removed from work area; or pre-cleaned, left in place and covered with a single layer of 6-mil poly). Contain the work area. HEPA Vacuum, Wet Wash, and HEPA vacuum the area.