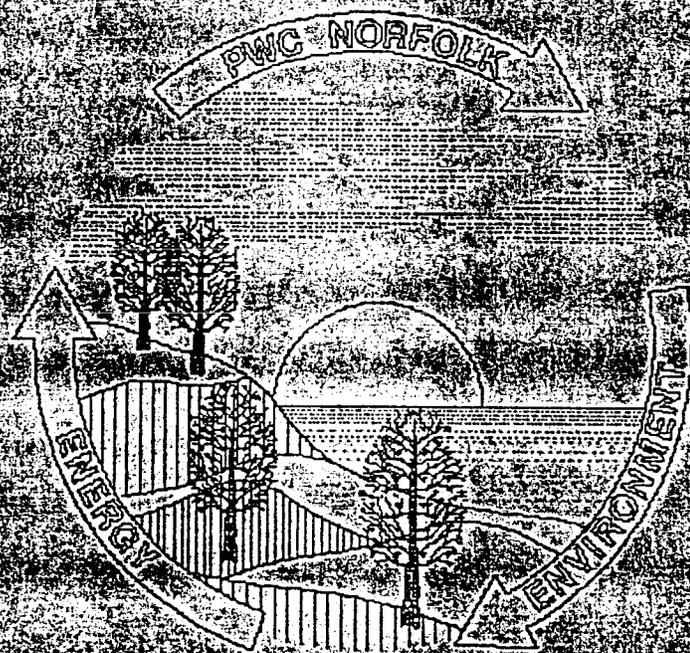


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CNC CHARLESTON

# LEAD ACTIVITY SUMMARY

NAVAL BASE CHARLESTON  
CHARLESTON, SOUTH CAROLINA



Department of the NAVY  
NAVY Public Works Center  
Energy/Environmental Engineering Branch, Code 414  
9742 Maryland Avenue  
Norfolk, Virginia, 23511-3095

JANUARY 1996

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## EXECUTIVE SUMMARY

The Department of the Navy, attentive to the safety and well-being of its personnel and their families, has initiated a worldwide program to assess Navy and Marine Corps Family Housing. Naval Facilities Engineering Command (NAVFACENGCOM) has retained Public Works Center (PWC) -- Norfolk, Virginia as a consultant to develop and manage the environmental assessment. The Navy Family Housing Lead Based Paint/Asbestos Inventory Program is outlined in a 9 November 1992 letter from Commander, Naval Facilities Engineering Command.

The assessment provides strategies to ensure the safety of residents and workers from hazards associated with lead-based paint, lead in dust, and lead in soil. The Department of Housing and Urban Development (HUD) guidelines, the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X), and Requirements for Lead-Based Paint Activities: Proposed Rule (40 CFR Part 74) were generally adopted as assessment protocol.

Certified inspectors performed comprehensive inspections of the interior and exterior of residences, yards, common buildings, and grounds. The objectives of the assessment were:

- Determine the location of lead-based paint (LBP), lead-contaminated dust and lead-contaminated soil.
- Assess the potential hazards from lead-based paint, lead-contaminated dust and lead-contaminated soil.
- Prioritize the potential hazards from lead-based paint, lead-contaminated dust and lead-contaminated soil.
- Specify action responses for lead-based paint, lead-contaminated dust and lead-contaminated soil.
- Estimate costs for implementation of the action responses.

This document supplements individual community Lead Management Plans for Naval Base Charleston with background information, program practices, and reference material. Each individual management plan provides the inspection parameters, floor plans, test findings and analysis, and recommendations for each specific community. The provided Document Package contains the referenced regulatory standards and lead management documents, and will assist in the development and implementation of a program to control lead-based paint in-place while minimizing potential hazards.

The assessment follows basic protocol and procedures similar to those established by HUD for inspection of public and urban housing. The Program Information and Protocol section of this document describe the assessment testing principles and procedures, and methods employed for data analysis. The Lead Survey Summary section provides a brief description of the survey findings and recommended action response for each housing community of Naval Base Charleston. For community specific results, technical details, and a breakdown of all analyses and conclusions, consult each respective Community Lead Management Plan.

The estimated short-term hazard minimization cost for the lead-based paint components in Naval Base Charleston Housing is \$138,188.68. The estimated cost to develop an effective and proactive Lead Operations and Maintenance (O&M) Program to control lead-based paint in-place while minimizing hazards is \$7,684.00. The estimated annual cost to maintain the Lead O&M Program is \$24,058.84. The Cost Estimates section of this document provides a brief overview of the individual costs for each housing community of Naval Base Charleston. For specific community cost details, consult the respective community Lead Management Plan.

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**A special thanks** to the housing staff at NAVAL BASE CHARLESTON Family Housing who assisted PWC - Norfolk, Virginia in completing their project efficiently.

## PROGRAM INFORMATION AND PROTOCOL

### PROGRAM HISTORY

Naval Facilities Engineering Command (NAVFACENGCOM) has retained Public Works Center (PWC) -- Norfolk, Virginia as a consultant to develop and manage the environmental assessment. The assessment will provide strategies to ensure safe living environments for residents and workers.

The Navy Family Housing Lead Based Paint/Asbestos Inventory Program is outlined in a 9 November 1992 letter from Commander, Naval Facilities Engineering Command. The Department of Housing and Urban Development (HUD) guidelines, the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X), and Requirements for Lead-Based Paint Activities: Proposed Rule (40 CFR Part 74) were generally adopted as assessment protocol.

Certified inspectors performed comprehensive inspections of the interior and exterior of residences, yards, common buildings, and grounds. The inspection determined the presence and location of lead-based paint (LBP), lead-contaminated dust and lead-contaminated soil. In addition, the inspectors evaluated the physical condition of LBP substrates to assist in determining the hazard potential for each lead-based paint, lead-contaminated dust and/or lead-contaminated soil item. Basic protocol and procedures followed during the assessment are similar to those established by HUD for inspection of public and urban housing. HUD guidelines predicate random testing/sampling of the entire community as a homogeneous area to provide a statistical confidence level of 95%.

### BACKGROUND

#### Lead-Based Paint

Lead-based paint can be a serious source of lead exposure to children and adults. Chipped or peeling lead-based paint creates a high risk to children via ingestion and to adults if improper cleaning or abatement techniques occur. When high levels of lead build up in a person's body, lead poisoning can occur. Children are very susceptible to lead poisoning due to their high growth-rate pattern. Banned from residential use in 1978, lead containing paint is evident in millions of homes due to its extensive use prior to that time. Following identification and confirmation of lead paint on a component, only mitigation through interim controls or abatement will ensure the safety of both adults and children.

Lead in Dust

Current studies show the greatest hazard posed to children is dust generated from deteriorated lead-based paint and lead-contaminated soil. Small children's exposure to the lead hazard is primarily attributable to dust ingestion through normal hand to mouth behavior. Adults' exposure occurs through inhalation and ingestion of dust. Testing for lead in dust determines potential hazardous areas.

Lead in Soil

High levels of lead-contaminated soil can pose a human health hazard both directly and indirectly. Children expose themselves directly to lead in soil by hand to mouth behavior. Children or pets can also track this soil into residences and increase the dust lead levels. PWC Norfolk defines the areas around a particular unit as **subareas**. Those subareas sampled pose the greatest hazard to the occupants and possess at least one of the three following characteristics:

1. The area potentially has an elevated lead content.
2. The area is a source of dust.
3. The area has a particular use causing increased human exposure.

Refer to the document "Preventing Lead Poisoning in Young Children" by the Centers for Disease Control for a detailed history of high blood lead levels and its adverse health effects. Additionally, the document provides supplemental information on the sources and pathways of lead exposure.

**TESTING PROCEDURES****Lead in Paint**Sampling Objectives

The objective of the inspection is to determine if potential **lead-based paint hazards** exist in the community and recommend methods to minimize confirmed hazards. The Department of Housing and Urban Development (HUD) Interim Guidelines outline the general scheme applied for the units tested.

Sampling and results are provided per community group to coincide with NAVFAC Housing management practices. A homogeneous housing community consists of units with similar age and construction history. PWC Norfolk inspects a statistical representation, based on HUD guidelines, of the total number of units in each community. Although inspectors do not sample each unit, conclusions and recommendations

apply to all housing within a community. This method provides the needed information for the best value. The HUD Interim Guidelines provide a suggested list of components or surfaces to sample in an inspection. Selection of sample locations is random, but all architectural components are tested.

#### Data Analysis

The lead-based paint analysis category of each component is either positive or negative based upon the percentage of positive XRF assay measurements taken for that component community-wide. If the community-wide percentage of a component is zero, the lead-based paint category for the component is negative. A community-wide percentage of ten or greater for a particular component categorizes that component as positive. A community-wide percentage of greater than zero and less than ten, requires further analysis to determine the lead-based paint category for that component. This analysis encompasses statistical comparison of that component with the same and similar components at different levels. The first level of analysis compares the component to similar components in the same functional area. The second level of analysis compares the component to the same component but within all other functional areas. The third and last level compare the component to similar components in all other functional areas.

#### Lead In Dust

Due to the correlation that exists between lead-contaminated soil and dust, the units randomly chosen for lead in dust inspection are also inspected for lead in soil.

#### Sampling Objectives

Inspectors collect dust samples from four rooms within each randomly chosen unit. HUD protocol dictates the minimum number of randomly selected units within a housing community and the number of dust samples. The sampled rooms are the living room, kitchen, and two bedrooms. Children's bedrooms have sampling priority. Two component areas within these rooms are sampled (floor and window well/sill).

#### Data Analysis

HUD's Interim Guidelines for Hazard Identification and Abatement was the standard adopted for dust analysis. All dust samples require laboratory analysis. Atomic Absorption Spectrometry (AAS) and Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) methods produce data expressed as total mass of lead per surface area sampled. There are no Federal standards governing the action level of lead in dust at the present time. At present, HUD recommends the following guidelines for specific surfaces:

Floors: 100 micrograms per square foot  
Window Sills: 500 micrograms per square foot  
Window Wells: 800 micrograms per square foot

### Lead In Soil

Due to the correlation that exist between lead-contaminated soil and dust, the units randomly chosen for lead in dust inspection are also inspected for lead in soil.

### Sampling Objectives

Inspectors collected soil samples from subareas around randomly selected units. HUD protocol dictates the minimum number of randomly selected units within a housing community. The following are examples of soil sample subareas:

- Base of a building foundation
- Downspout drop areas
- Garden areas
- Household pet play/sleeping areas
- Painted fence-rows
- Pathways created by pedestrian/vehicular traffic
- Along paved areas, alleys, parking lots, roadways, etc.
- Play/recreation areas

### Data Analysis

Atomic Absorption Spectrometry (AAS) or Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) laboratory analysis methods determine the lead concentration in the soil samples. Following the Environmental Protection Agency's Guidance on Residential Lead-Based Paint, Lead-Contaminated Dust, and Lead-Contaminated Soil, the soil lead concentration determines the action level. The lead in soil action levels begin at soil lead concentration of 400 parts per million (ppm); refer to Appendix I for further details.

## ACTIVITY DESCRIPTION

A summary of Naval Base Charleston inspection is in Table 1 below. Provided in some of the individual community management plans are vicinity and community maps along with the list of the homes inspected.

- Activity UIC Number: N00193<sup>1</sup>
- Inspection Dates: May - June 1994

Table 1 - Inspection Parameters					
Housing Type	Total # of Units	# of Units Inspected			Year(s) of Construction
		Paint	Dust	Soil	
<b>Officer Single Family Housing</b>					
100 Navy Way					
6 Bedrooms	1	1	1	1	1905
200 Navy Way					
4 Bedrooms	1	1	1	1	1905
300 Navy Way					
6 Bedrooms	1	1	1	1	1908
1600 Hobson Avenue					
6 Bedrooms	1	1	1	1	1903
99 Navy Way					
5 Bedrooms	1	1	1	1	1942
98 Navy Way					
3 Bedrooms	1	1	1	1	1898
96 Navy Way					
5 Bedrooms	1	1	1	1	1905
311 Turnbull Avenue					
4 Bedrooms	1	1	1	1	1917
150/152/1485/1505/1565/1599 Turnbull Avenue & 160/161 Everglades Drive					
5 Bedrooms	8	7	7	8	1937-1938
1510/1516 Hobson Avenue					
4 Bedrooms	2	2	1	1	1943
1451/1463 Avenue H					
4 Bedrooms	2	2	2	2	1919
1303/1309 Avenue H					
3 Bedrooms	2	2	2	2	1969
774 Marine Avenue					
4 Bedrooms	1	1	1	1	1974

Table 1 - Inspection Parameters

Housing Type	Total # of Units	# of Units Inspected			Year(s) of Construction
		Paint	Dust	Soil	
778 Marine Avenue					
5 Bedrooms	1	1	1	1	1974
FY1963 Housing					
Single Family Housing					
3 Bedrooms	6	0	0	0	1963
3 Bedrooms	1	0	0	0	1963
Duplexes					
2 Bedrooms	4	4	0	0	1963
3 Bedrooms	18	15	5	5	1963
4 Bedrooms	6	4	2	2	1963
FY1965 Housing					
Single Family Housing					
3 Bedroom	2	2	2	2	1965
3 Bedroom	1	0	0	0	1965
4 Bedroom	1	1	0	0	1965
4 Bedroom	2	2	2	2	1965
FY1942 Housing					
Duplexes					
4 Bedrooms	19	17	5	5	1942
Single Family Homes					
4 Bedrooms	1	1	1	1	1942
4 Bedrooms	2	0	0	0	1942
4 Bedrooms	2	1	0	0	1942
<b>Totals</b>	<b>89</b>	<b>70</b>	<b>39</b>	<b>40</b>	
<sup>1</sup> See Definitions - Appendix I.					

**REFERENCE DOCUMENTS**

Appendix III contains a list of reference material regarding the policy of the Navy Family Housing Lead Based Paint/Asbestos Inventory Program and regulations for lead control. Also listed are the various documents concerning the inspection, control, and abatement of lead. The provided Document Package contains applicable federal regulations and guidance documents that apply to lead-based paint, lead in dust, and lead in soil inspections.

All aspects of the individual community management plans utilize the respective governing regulatory documents as a basis for action. Although these documents often contradict one another, this Action Summary combined with the accompanying management plans provides a safe and cost effective means to resolve environmental issues related to lead hazards.

## LEAD SURVEY SUMMARY

### FINDINGS AND ANALYSIS

#### Lead in Paint

##### *Officer Single Family Housing*

A total of twenty-three units were inspected in the community. A single dwelling, 1599 Turnbull Avenue, was not inspected. The community is characterized by the presence of lead-based paint on at least half of all painted surfaces. In general, the paint condition was good but there were exceptions at the time of assessment. A unit-by-unit breakdown of findings is provided in the Officer Single Family Housing Lead Management Plan. Refer to Appendix I - Definitions for explanation of priority rankings and hazard levels.

##### *FY1963 Housing*

Only a handful of components analyzed contain lead. In general, all wood substrate materials associated with the exterior of the house, to include exterior door frames, are lead containing. The overall paint condition of lead containing components is intact.

The current hazard ranking for lead containing varies from 5 to 8. This range of hazard is considered a low hazard to the residents. The priority ranking for any components may change if the condition of the paint deteriorates. Any change in condition could possibly change the hazard to a moderate to high range. Refer to Appendix I for an explanation of the different priority hazard rankings.

##### *FY1965 Housing*

Thirty-seven of the 113 components analyzed by XRF analysis contain lead. The 37 components represent a total of five different priority levels. Refer to Appendix I - Definitions for an explanation of priority levels. Existing within the five priority levels are two levels of hazard: high and low.

Only one of the 37 lead containing components represents a high hazard. This component is the **Storage 1 Door Jamb**. This component has a hazard ranking of one. Again, refer to Appendix I for an explanation. This component is located in the interior of the units and was found to have minor paint damage, warranting a high priority and hazard ranking.

The remaining 36 lead containing components represent low hazards. These components exist in both interior and exterior locations throughout the units and their surfaces were assessed as intact. Note that any change in paint or substrate condition for these components increases the potential for hazard and the hazard ranking.

*FY1942 Housing*

A total of 216 of 278 components analyzed were found to contain lead paint, or roughly 78% of all components tested. These 216 components represent the entire spectrum of hazard priorities as defined in Appendix I.

Table 2 of the FY1942 Housing Lead Management Plan provides a list of both short-term and renovation actions recommended. Components listed under short-term action represent moderate and high hazards (1-4) and require short-term action for hazard reduction to the occupants. A total of 46 of the 278 components (17%) analyzed were found to pose a moderate to high hazard to the occupants. The components listed under renovation include all lead containing components which pose a low hazard to the occupant. The list also includes the components listed in short-term section but priority rankings have been revised to reflect surface restoration. If component is abated during short-term action then disregard action response provided and remove from C&M Plan.

Appendix III (Table P - Lead in Paint Inspection Summary) of each community Lead Management Plan provides a composite summary of the inspection results for that community.

Lead in Dust*Officer Single Family Housing*

Elevated lead in dust was found within several of the units. These houses are identified below. Consider all horizontal surfaces within these identified units as contaminated.

- 200 Navy Way
- 300 Navy Way
- 1600 Hobson Avenue
- 150 Turnbull Avenue
- 1485 Turnbull Avenue
- 1303 Avenue H
- 774 Marine Avenue

Samples were taken from various locations throughout the units. These sample areas are considered representative of high traffic/high potential for dust generation areas.

*FY1963 Housing*

A total of seven units were sampled for lead in dust. None of the sixty-three individual samples taken were found to exceed the allowable tolerance range for lead in dust. No hazard exists from lead in dust within the community at this time.

***FY1965 Housing***

Dust sampling for lead in dust was conducted in four of the six units. A total of nine separate samples were taken at each address. Testing site locations included floors, window sills, and window wells in rooms throughout each unit. None of the samples taken were found positive for lead in dust.

***FY1942 Housing***

A total of six units were analyzed for lead in dust. Nine samples were taken in each of the seven units. Samples were taken in Kitchens, Bedrooms, and Living Rooms. Collected samples from these areas are representative of all the rooms in the unit.

A total of 45 individual samples were taken and nine of these samples contained lead in dust above the action limit. The presence of lead in dust poses a high hazard to the occupants of this community and represents the highest priority for action.

Appendix IV (Table D - Lead in Dust Inspection Summary) of each community Lead Management Plan provides a composite summary of the inspection results for that community.

**Lead in Soil*****Officer Single Family Housing***

Elevated lead in soil was identified throughout the community. Sample locations included foundations, roadsides, along sidewalks, vehicle pathways, and pedestrian pathways. In addition, background samples were collected at a minimum distance of 50 feet from any suspected lead source. This minimum distance could not always be met at the Naval Station.

A total of 14 of the 24 units inspected had some area of identified elevated soil. The majority of elevated samples were in the 1000 - 2000 ppm range. The established HUD action level is 400 ppm. The HUD guideline was derived by the EPA. The majority of elevated samples were representative of foundation areas. Only two isolated incidences of elevated lead in soil was found away from the housing structures. These areas are identified in the Lead in Soil Inspection Results Table of the individual management plan.

In general, all foundation soil, all soil extending a distance of three feet from the perimeter of the house (all units) should be considered above the action limit. All other soil areas surrounding the immediate parameter of any painted structure (garages) should also be considered leaded above the action limit.

***FY1963 Housing***

A total of seven units were sampled for lead in soil. One single foundation sample at 1421 Manley Ave yielded lead in soil results exceeding the allowable 400ppm for lead in soil. A total of twenty-eight samples were taken and the one positive is considered an isolated case. Refer to Table 2 of the individual management plan for action response requirements. The lead in soil at this address poses a moderate to high hazard if soil within three feet of the perimeter of the house has exposed soil.

***FY1965 Housing***

Analysis of soil for lead was conducted at the same addresses as lead in dust analysis took place. Sampling was conducted around foundations, roadsides, vehicle pathways, and play areas. In addition, background samples were taken to determine the pre-existing background lead levels within the community. Background samples yielded a non-existent presence of lead in the community. All other samples taken were analyzed negative by Atomic Absorption Spectroscopy. Lead in soil poses no current hazard and poses no potential for hazard at this time.

***FY1942 Housing***

A total of six units were analyzed for lead in soil. A total of twenty samples were collected at these units. Representative sampling of foundations, sidewalks, and roadsides were taken to identify individual risk areas. In addition, background sampling was conducted to establish a baseline of lead in soil for the community.

Five of the twenty individual samples exceeded the allowable 400ppm action limit for lead in soil. This amount of elevated samples equates to a lead in soil problem for the community. Exposed soil in the areas of unit foundations, unit pathways, and unit roadsides are considered a potential hazard to the occupants of the community.

Appendix V (Table S - Lead in Soil Inspection Summary) of each community Lead Management Plan provides a composite summary of the inspection results for that community.

**RECOMMENDATIONS****Short-term (6-12 Months)**

Prepare all surfaces for restoration by wet scraping and cleaning with a tri-sodium phosphate (TSP) solution. Repaint damaged surfaces with an approved elastomeric sealant within a short-term response time-frame (6-12 months). Clean surrounding areas and minimize the elevated risk/hazard. The Occupational Safety and Health Administration (OSHA) regulate the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

Clean all horizontal surfaces in housing units or communities that have a lead contaminated dust hazard with TSP, a high phosphate detergent, or approved cleaning agent.

Provide mulch/vegetation or groundcover for bare soil subareas determined to contain lead contaminated soil.

See each Lead Management Plan for specific action responses and the scope of requirements. All replacement material must meet the basic requirements of NAVFAC/EFD housing guidelines.

Develop and implement an Operations and Maintenance (O&M) Program to minimize and maintain existing hazard potentials under control.

Interim Control (Present to Abatement)

Implementation of an O&M Program will enable Naval Base Charleston housing to keep the potential lead hazards in a non-hazardous condition through awareness, cleaning, paint restoration, and dust/soil monitoring. The following measures form the basis for a feasible and cost effective in-place management strategy for lead-based paint components.

1. Inform/educate the unit occupants, housing manager, and maintenance workers of the lead hazards within the community. The occupants and maintenance workers need to know where the lead-contaminated components are and what to do to protect themselves from its adverse effects. The education process begins with the town meeting (outbrief) concerning results from the inspections and continues until removal of all the lead paint hazards from the community.
2. As part of the education of the occupants, they should be encouraged to participate in DOD blood lead level screening.
3. Inspect components with a lead hazard annually and during unit turn-over for signs of any damaged or deteriorated surfaces.
4. Clean-up all lead-based paint components with TSP or a high phosphate detergent solution at the earliest possible time. All surfaces containing lead-based paint should be in good condition with no flaking, cracking, or peeling paint.
5. Maintain mulching/vegetation to cover lead contaminated soil areas.
6. Paint damaged or deteriorated surfaces.

7. Perform dust and soil sampling during change of occupancy, renovation/demolition actions, when findings of a visual inspection warrant it, or when elevated blood-lead levels in a child exist. Utilize the results to inform the housing occupants of any possible hazards, coupled with information that explains mitigation responses.

Lead in Paint: A Management Guide by Navy Public Works Center - Norfolk, Virginia, Environmental Engineering Branch, Code 414, provides guidance for in-place management work practices, procedures, and additional component testing protocol. This guide also provides detailed information on abatement of lead-based paint, clean-up and maintenance of lead in dust and lead in soil contamination, along with information to establish and run an Operations and Maintenance Program. The provided Document Package contains this guide and a generic O&M lead plan.

### Renovation

During upcoming renovation projects, incorporate the recommended abatement action response for all lead-based paint components present in the proposed renovation area. Refer to the ranking scheme provided for the recommended abatement action response and priority for each lead based component. OSHA regulates the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

### Demolition

During a demolition phase, OSHA standards regulate the occupational lead exposure and define the airborne lead exposure limits for workers. The Resource Conservation and Recovery Act (RCRA), the basic Federal law governing waste disposal, distinguishes between solid waste and hazardous waste.

In determining whether a waste is hazardous or non-hazardous, RCRA allows generators of the waste to rely on the results of prior testing or experience, or knowledge of the waste or process generating the waste. Specific waste streams from lead abatement projects such as LBP chips and residue from chemical paint stripping processes are hazardous. RCRA has specific disposal requirements for these hazardous waste streams. If the RCRA "user knowledge" allowance can not be applied to the solid waste construction debris identified as containing lead, then testing prior to disposal is required to determine whether the debris is hazardous or non-hazardous. This pre-disposal test for waste is the Toxic Characteristic Leachate Procedure (TCLP).

COST ESTIMATES

The following table is a summary of the estimated short-term action response and O&M costs to control the LBP components and hazards identified during the assessment of Naval Base Charleston. The short-term costs, identified by individual housing community, are the costs to mitigate high priority level items. The O&M Start-Up Cost is the estimated cost to develop and implement a program for in-place management and control of LBP components and associated hazards. As indicated, this is a one-time cost for the activity. The Annual Community Costs are the cost estimates to execute the O&M program in each individual community. The number of LBP components and hazards located and evaluated during the assessment of each community determine this cost. For specific community cost details, consult the respective community Lead Management Plan.

ACTIVITY COST ESTIMATE	
Short-Term	
Officer Single Family Housing	\$ 24,632.40
FY1963 Housing	\$ 262.73
FY1965 Housing	\$ 111.87
FY1942 Housing	\$ 113,181.68
Short-Term Cost Total	\$ 138,188.68
Operations and Maintenance Program	
Naval Base Charleston O&M Start-Up Cost	\$ 7,684.00
Officer Single Family Housing Annual Cost	\$ 10,373.40
FY1963 Housing Annual Cost	\$ 5,794.08
FY1965 Housing Annual Cost	\$ 1,167.86
FY1942 Housing Annual Cost	\$ 6,723.50
First Year Total	\$ 24,058.84

# APPENDIX I

## DEFINITIONS

**Abatement** - Any set of measures designed to permanently eliminate lead-based paint hazards in accordance with standards established by the administration under Title IV of TSCA. Includes preparation, cleanup, disposal, and post-abatement clearance testing activities associated with such measures.

**Action Levels (Per HUD/EPA Guidelines):**

- Lead-based paint - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.
- Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).
- Lead in soil - < 400 ppm\* - no action necessary  
400 -5000 ppm\* - interim controls  
> 5000 ppm\* - abatement necessary  
\*parts per million (ppm)

**Abatement Options:**

- Encapsulation - Resurfacing or covering surfaces and sealing or caulking with durable materials to prevent or control chalking or flaking lead-containing substances from becoming part of house dust or accessible to children.
- Enclosure - Construction of a containment structure or wall to minimize the potential contact with hazards. Use drywall, plywood, vinyl siding and trim, etc.
- Removal - The process of removing the lead-based paint from the component by means of chemicals, scraping, heat, or blasting. Not recommended in most cases.
- Replacement - Strategy of abatement that entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components, free of lead paint. Cost of replacement may be incidental to ongoing renovation efforts (i.e., replacement of windows eliminates primary LBP hazard source, improves buildings energy performance, increases occupant comfort level, and reduces maintenance costs).
- Operations and Maintenance (O&M) - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Action Response Time-frame:**

- Short-Term Response - Perform hazard minimization action specified per lead-based paint component and lead-contaminated dust/soil situation within 6-12 months.
- Interim Control - Measures that mitigate the hazard until permanent abatement occurs.
- Renovation - Abate specified lead-based paint and lead-contaminated dust/soil, as numerically prioritized, during future renovation projects.
- Demolition - Adhere to city/state guidelines and regulations for waste disposal.

**Blood Lead Levels** - A measure of the concentration of lead in whole blood, typically expressed in micrograms of lead per deciliter ( $\mu\text{g}/\text{dl}$ ). It indicates the amount of lead circulating in the bloodstream and is the best initial measurement to evaluate lead exposure. A multitier classification of blood lead levels established by the Centers for Disease Control (CDC) defines lead poisoning.

**Blood Lead Level Screening** - A program by the Centers for Disease Control (CDC) recommends that all children 6 years of age and younger be evaluated for lead exposure and tested for blood lead levels when appropriate. Preventing Lead Poisoning in Young Children: a statement by the Centers for Disease Control details the provisions of this screening program.

**Certified Inspector** - A person who has completed a training program certified by the appropriate Federal agency and has met any other requirements for certification or licensing established by such agency.

**Community Number** - Navy Family Housing community name and numerical designation provided by PWC Norfolk, Virginia for program management.

**Friction Surface** - An interior or exterior surface that is subject to abrasion or friction, including certain window, floor, and stair surfaces.

**Hazard Potential** - Quantitative assessment that involves the use of a hazard rating system to evaluate the potential hazard from lead. It includes the following parameters:

- Lead in paint content
- Paint condition
- Location of LBP component (interior/exterior)
- Surface mouthable or non-mouthable
- Lead in dust contamination
- Lead in soil contamination
- Lead in water contamination
- Children with elevated blood lead levels
- Building use

The hazard potential is given in the follow terms:

- High - A potentially hazardous situation exists in the community and a potential health risk to residents is present.
- Moderate - A potentially hazardous situation exists in the community and a potential health risk to the residents may be present.
- Low - LBP components evaluated to be a minor health risk.

**Hazard Priority Levels** - Prioritization of hazard potential categories with recommended action response.

- Level 1 (High Hazard Potential) - Interior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 2 (High Hazard Potential) - Interior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 3 (Moderate Hazard Potential) - Exterior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 4 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 5 (Low Hazard Potential) - Interior and mouthable LBP component in good condition. Recommended action response is O&M.

- Level 6 (Low Hazard Potential) - Interior and non-mouthable LBP component in good condition. Recommended action response is O&M.
- Level 7 (Low Hazard Potential) - Exterior and mouthable LBP component in good condition. Recommended action response is O&M.
- Level 8 (Low Hazard Potential) - Exterior and non-mouthable LBP component in good condition. Recommended action response is O&M.

**Homogeneous** - A grouping of housing units built at the same time utilizing similar materials.

**Impact Surface** - An interior or exterior surface that is subject to damage by repeated impacts, for example, certain parts of door frames.

**Interim Controls** - A set of measures designed to temporarily reduce human exposure or likely exposure to lead-based paint hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of lead-based paint hazards or potential hazards, and the establishment and operation of management and resident education programs.

**Lead-based Paint (LBP)** - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.

**Lead-based Paint Hazard** - Any condition that causes exposure to lead from lead-contaminated dust, lead-contaminated soil, lead-based paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects as established by the appropriate Federal agency.

**Lead Containing Paint** - Dry paint film that contains more than 600 ppm lead as determined by laboratory analysis. A term established by the Consumer Products Safety Commission in 1972 as a limit of 5000 ppm lead content in new residential paint and revised in 1978 to the current standard.

**Lead-contaminated Dust** - Surface dust in residential dwellings that contains a concentration (mass/area) of lead in excess of levels determined by the appropriate Federal agency to pose a threat of adverse health effects in pregnant women or young children.

Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).

**Lead-contaminated Soil** - Soil on residential real property that contains lead at or in excess of the levels determined to be hazardous to human health by the appropriate Federal agency.

Lead in soil - < 400 ppm\* - no action necessary  
 400 -5000 ppm\* - interim controls  
 > 5000 ppm\* - abatement necessary  
 \*parts per million (ppm)

**Mitigation** - Any action taken to reduce or minimize the potential hazards of lead-based paint.

**Mouthable** - An interior or exterior surface that is accessible for a young child to mouth or chew.

**Non-homogenous** - Housing units built at different times using different materials.

**Non-mouthable** - An interior or exterior surface that is not accessible for a young child to mouth or chew.

**Operations and Maintenance (O&M)** - A means of handling LBP in-place utilizing an interim control until the hazard is permanently removed.

**Operations and Maintenance (O&M) Cost Factor** - A multiplier for calculating annual O&M costs derived from the time estimated for LBP component surveillance and record keeping.

# Positive LBP Components	Surveillance (time per unit)	Record Keeping (time per unit)	O&M Annual Cost Factor (time per unit)	O&M Cost per unit per year (based on \$50.00 per hour labor)
1 to 30	0.50	1.00	1.50	\$ 75.00
31 to 60	0.75	1.50	2.25	\$112.50
61 to 90	1.00	2.00	3.00	\$150.00
91 to 120	1.25	2.50	3.75	\$187.50
120 +	1.25	3.00	4.25	\$212.50

**Paint Conditions:**

- Chalking (C) - A film picked-up by touching the surface.
- Intact (I) - No damage (0%).
- Major Damage (MJR) - Flaking, peeling, blistering of 35% or more of the surface area (greater than 35%).
- MFG Finish (MFG) - Factory painted (i.e., range exhaust, storm doors, cabinets).
- Minor Damage (MNR) - Flaking, peeling, blistering of less than 35% of the surface area (less than 35%).
- Not Painted (NP) - No paint (i.e., bare wood, vinyl/metal siding).
- Varnish/Stain (VS) - Any stain, varnish, polyurethane application to the surface.

**Substrate Condition:**

- Good (G) - No damage.
- Fair (F) - Rot, missing substrate of the surface area.
- Poor (P) - Rot, missing substrate of the surface area.

**Toxic Characteristic Leachate Procedure (TCLP)** - A laboratory testing procedure to determine the presence of hazardous constituents in sample.

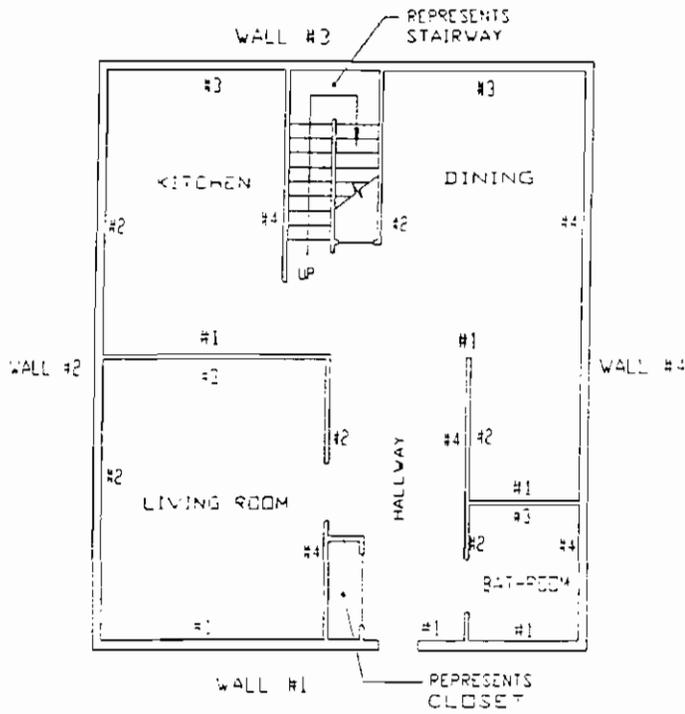
**TSP** - Tri-sodium phosphate solution diluted in water.

**UIC Number** - An alpha-numeric code assigned by DOD to represent each Activity/Command.

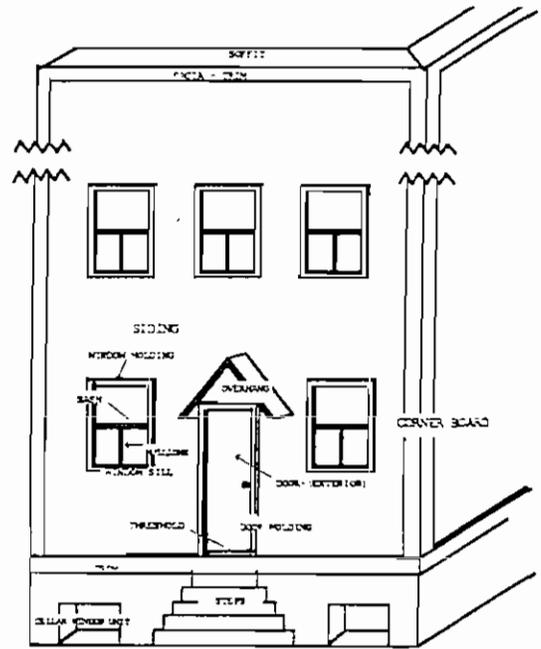
**Unit Number** - A numerical designation used by PWC Norfolk, Virginia to allow for accountability of units within an inspected community; used for project management.

**X-ray Fluorescent Spectrum Analyzer (XRF)** - An instrument that determines lead concentrations in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of X-ray fluorescence. This type of analyzer provides the operator with a plot of energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

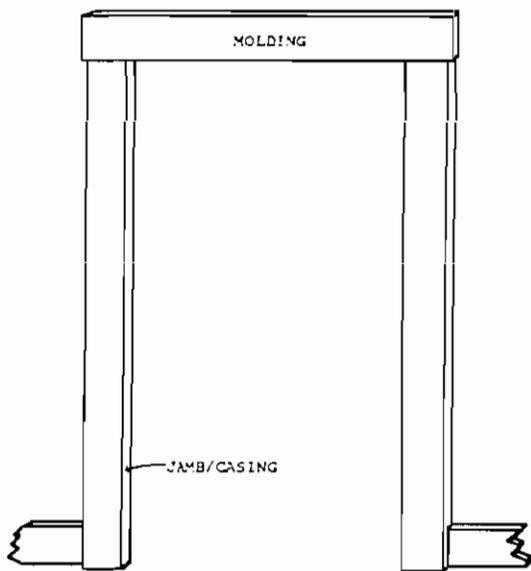
**Note:** The following pages contain pictorial representations of wall/room designations and component descriptions.



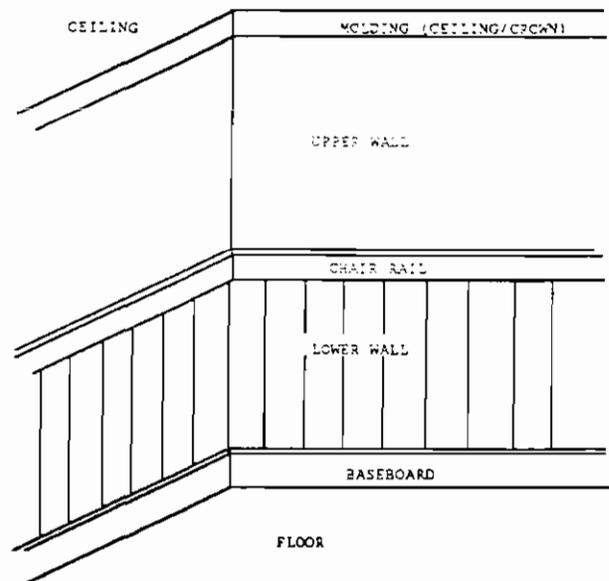
WALL NUMBERING SCHEME



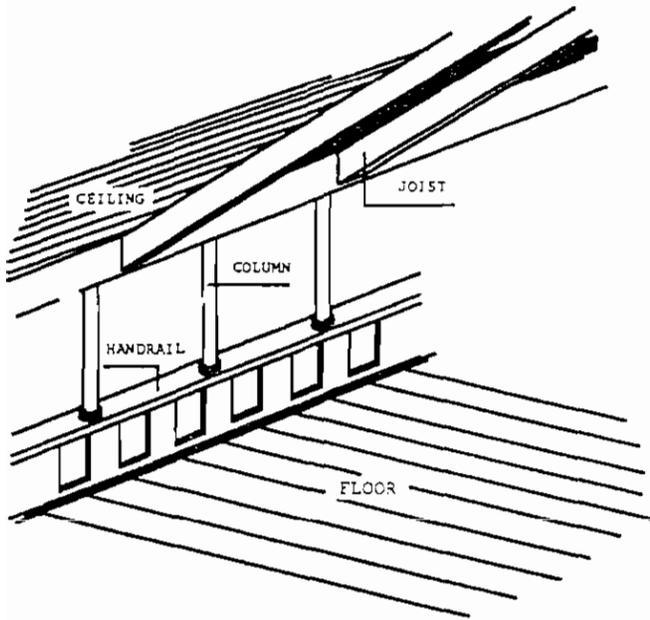
EXTERIOR



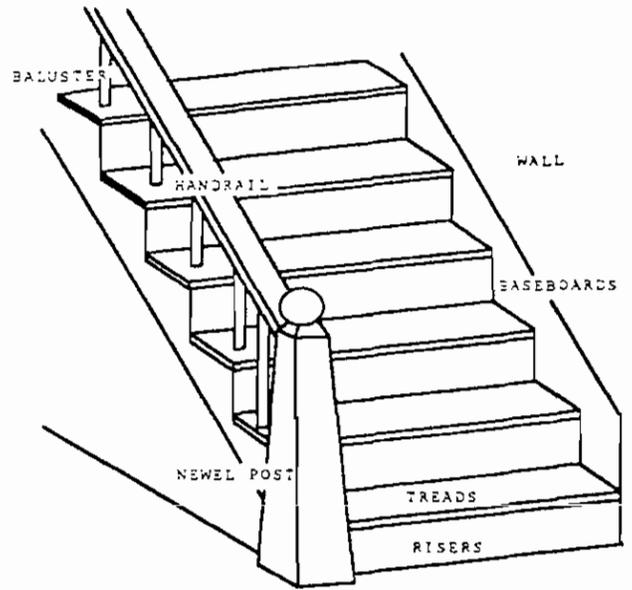
DOORWAY



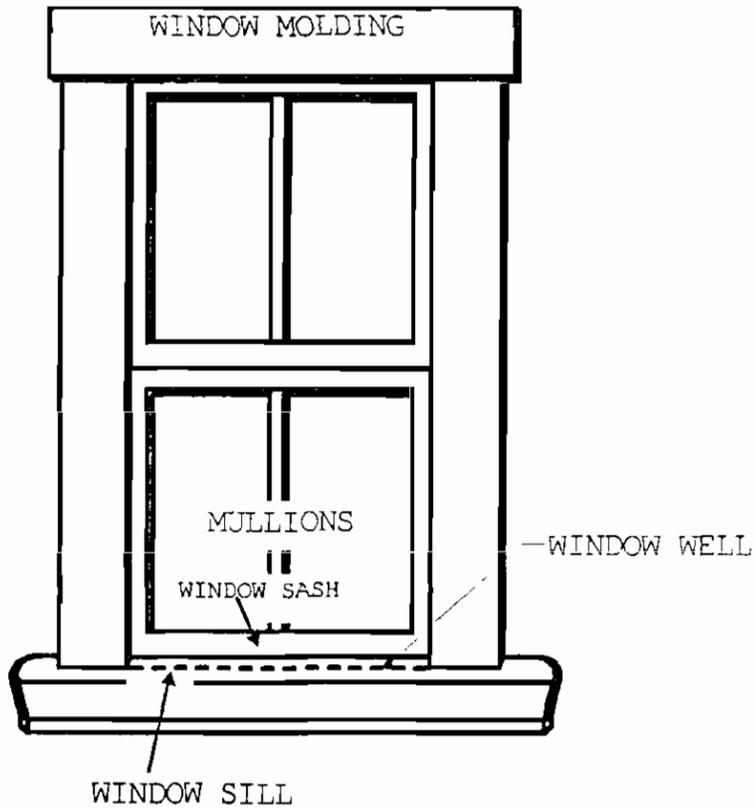
INTERIOR



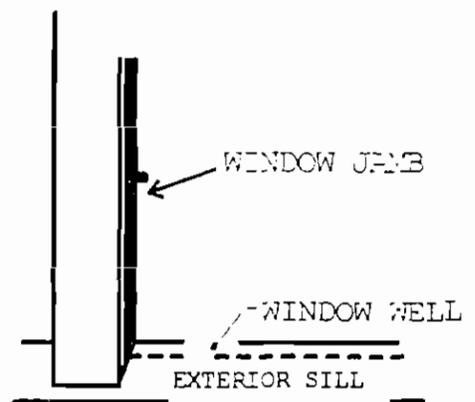
PORCH/SUNROOM



STAIRWAY



WINDOW



# APPENDIX II

## LAB CREDENTIALS & CERTIFICATIONS

Lab Accreditation: T.C. Analytics

American Industrial Hygiene Association -- Lab ID: #8950

Environmental Lead Proficiency Analytical Testing (ELPAT) Program

# APPENDIX III

## REFERENCES

The following list contains the reference material regarding the policy of the Navy Family Housing Lead Based Paint/Asbestos Inventory Program and regulations for residential lead-based paint, lead in dust and soil. Also listed are various documents concerning the inspection, control, and abatement of lead hazards. Provided to each activity is a Document Package that contains applicable federal regulations and guidance documents that support all survey information and recommendations. The provided Document Package does not contain all listed items; however, each item is readily available through the issuing agency.

Aschengrau, Ann, et al. "The Impact of Soil Abatement on Urban Children's Blood Lead Levels: Phase II results from the Boston Lead-in-Soil Demonstration Project." Environmental Research, No. 67, pp. 125-148, 1994.

Centers for Disease Control. Preventing Lead Poisoning in Young Children: A Statement by the Centers for Disease Control. U.S. Department of Health and Human Services. Public Health Service, CDC report No. 99-2230, 1985; amended, October 1991.

Commander Navy Facilities Engineering Command Memorandum. "Navy Family Housing Lead-Based Paint/Asbestos Inventory Program." U.S. Department of the Navy, 9 November 1992.

Consumer Product Safety Commission. "Consumer Product Safety Act (CPSA)." Federal Register, 16 CFR 1303, 1977.

Duggan, M.J., and M.J. Inskip. "Childhood Exposure to Lead in Surface Dust and Soil: A Community Health Problem." Public Health Revue, No. 13, pp. 1-54, 1985.

Housing and Community Development Act of 1992. Public Law 102-550, Title X, Residential Lead-Based Paint Hazard Reduction Act of 1992.

National Institute of Building Sciences. Guide Specifications for Reducing Lead-Based Paint Hazards. May 1995.

National Institute of Building Sciences. Lead-Based Paint: Operations & Maintenance Work Practices Manual for Homes and Buildings. May 1995.

Office of the Secretary of the Defense Policy Memorandum. "Lead-Based Paint (LBP) - Risk Assessments, Associated Health Risks in Children, and Control of Hazards in DOD Housing and Related Structures." 24 November 1992.

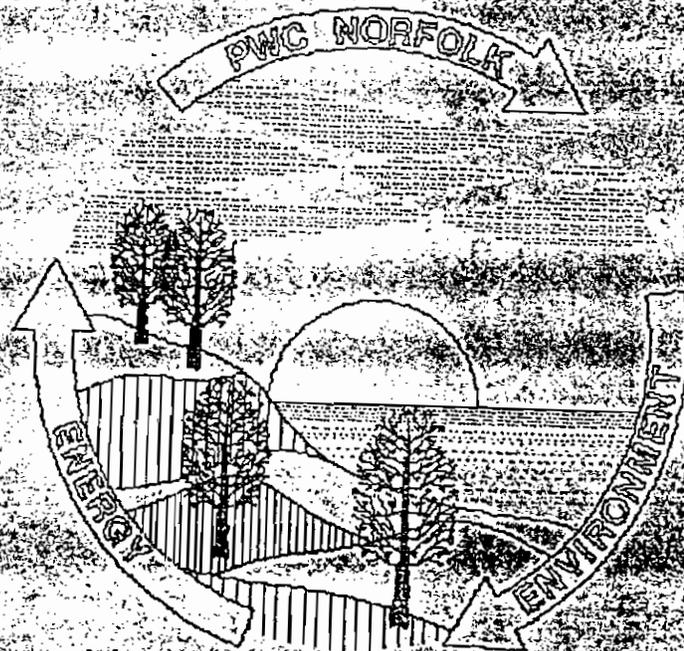
Residential Paint Poisoning Act of 1971.

- Renner, Rebecca. "When is Lead a Health Risk?" Environmental Science and Technology, Vol. 29, No. 6, pp. 256A-2261A, 1995.
- Trimber, Kenneth A. Industrial Lead Paint Removal Handbook, Pittsburgh: KTA-Tator, Inc., 1991.
- U.S. Department of Defense. "A Commander's Guide to Childhood Lead Poisoning Prevention/ Lead-Based Paint Management on DOD Installations." 25 January 1993.
- U.S. Department of Health and Human Services. "Strategic Plan for the Elimination of Childhood Lead Poisoning." Centers for Disease Control, 1991.
- U.S. Department of Housing and Urban Development. "Comprehensive and Workable Plan for the Abatement of Lead-Based Paint in Privately Owned Housing: Report to Congress." 1990.
- U.S. Department of Housing and Urban Development. "Lead-Based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing." 18 April 1990; amended, September 1991.
- U.S. Department of Housing and Urban Development. "Lead-Based Paint Risk Assessment Protocol." 30 September 1992.
- U.S. Department of Housing and Urban Development. "NOFA Lead-Based Paint (LBP) Risk Assessment Guidelines." 29 June 1992.
- U.S. Environmental Protection Agency. EPA Method 1311, Toxic Characteristic Leaching Procedure (TCLP).
- U.S. Environmental Protection Agency. "Standard Operating Procedures for Lead (Pb) in Paint by Hot Plate or Microwave Based Acid Digestion and Atomic Absorption or Inductively Coupled Plasma Emission Spectrometry." EPA 600/8-91/231, NTIS No. 92-114172, September 1991.
- U.S. Environmental Protection Agency. "Strategy for Reducing Lead Exposures: Report to Congress." 1991.
- U.S. Environmental Protection Agency. "Urban Soil Lead Abatement Demonstration Project." Vol. III and IV, 1993.
- U.S. Environmental Protection Agency. 40 CFR, Parts 50, 261, 262, 263, 264, and 265.
- U.S. Environmental Protection Agency Memorandum. "Guidance on Residential Lead-Based Paint, Lead-Contaminated Dust, and Lead Contaminated Soil." 14 July 1994.

- U.S. Occupational Safety and Health Administration General Industry Standard, 29 CFR 1910.1025
- U.S. Occupational Safety and Health Administration Lead in Construction; Interim Final Rule, 29 CFR 1926.62
- U.S. Occupational Safety and Health Administration Respiratory Protection Standard, 29 CFR 1910.134
- U.S. Occupational Safety and Health Administration Hazard Communication Standard, 29 CFR 1910.120

# LEAD MANAGEMENT PLAN

FY1963 HOUSING  
NAVAL BASE CHARLESTON  
CHARLESTON, SOUTH CAROLINA



Department of the NAVY  
NAVY Public Works Center  
Energy/Environmental Engineering Branch, Code 414  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095

JANUARY 1996

**NOTE:** This document is intended to be a working management plan for FY1963 Housing Community. Refer to the Activity Action Summary provided for all pertinent program information.

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**A special thanks** to the housing staff at FY1963 Family Housing Community who assisted PWC - Norfolk, Virginia in completing their project efficiently.

## COMMUNITY DESCRIPTION

A summary of Naval Base Charleston FY1963 Housing Community inspection is below in Table 1. Provided in Appendix I are vicinity and community maps along with a listing of the housing units inspected.

- Community Number: 0076<sup>1</sup>
- Activity UIC Number: N00193<sup>1</sup>
- Inspection Dates: May 1994

Table 1 - Inspection Parameters

Housing Type	Square Footage	Total # of Units	# of Units Inspected			Floor Plan Type <sup>2</sup>	Year(s) of Construction
			Paint	Dust	Soil		
Single Family Housing							
3 Bedrooms	2110	6	0	0	0	3S	1963
3 Bedrooms	1700	1	0	0	0	M-10	1963
Duplexes							
2 Bedrooms	1610	4	4	0	0	2J	1963
3 Bedrooms	1785	18	15	5	5	3J	1963
4 Bedrooms	2025	6	4	2	2	4J	1963
<b>Totals</b>	<b>65,080</b>	<b>35</b>	<b>23</b>	<b>7</b>	<b>7</b>		

<sup>1</sup> See Definitions - Appendix II.

<sup>2</sup> See Floor Plans - Appendix I.

## FINDINGS AND ANALYSIS

The primary objective of the lead assessment FY1963 Housing is to determine if potential lead-based paint hazard exist in the community and recommend methods to minimize all confirmed hazards. The Department of Housing and Urban Development (HUD) Guidelines outline the general scheme applied for the assessment testing protocol.

HUD surveys indicate that lead in dust is the major route for lead exposure for children. Lead in dust is primarily the result of deteriorating lead-based paint. Soil contaminated with lead from weathering, chalking, and deterioration of exterior lead-based paint can contribute to the dwelling's interior lead in dust levels by being tracked into living areas. The HUD surveys confirm a relationship between the presence of lead-based paint with lead in dust and lead in soil. The surveys also list other potential sources of lead. The scope of this assessment is lead-based paint and associated hazards; however, the Naval Base Charleston Lead Action Summary document does contain a discussion of the other potential sources for lead. For this lead-based paint assessment, the analyses of lead-based paint, lead in dust and lead in soil in residential environments determine the overall lead hazard potential to the residents and workers of FY1963 Housing.

The lead-based paint analysis category of each component is either positive or negative based upon the percentage of positive XRF assay measurements taken for that component community-wide. If the community-wide percentage of a component is zero, the lead-based paint category for the component is negative. A community-wide percentage of ten or greater for a particular component categorizes that component as positive. A community-wide percentage of greater than zero and less than ten, requires further analysis to determine the lead-based paint category for that component. This analysis encompasses statistical comparison of that component with the same and similar components at different levels. The first level of analysis compares the component to similar components in the same functional area. The second level of analysis compares the component to the same component but within all other functional areas. The third and last level compare the component to similar components in all other functional areas.

### LEAD IN PAINT

Only a handful of components analyzed contain lead. In general, all wood substrate materials associated with the exterior of the house, to include exterior door frames, are lead containing. The overall paint condition of lead containing components is intact. Refer to Table 2 for a summary of lead containing components.

The current hazard ranking for lead containing varies from 5 to 8. This range of hazard is considered a low hazard to the residents. The priority ranking for any components may change if the condition of the paint deteriorates. Any change in condition could possibly change the hazard to a moderate to high range. Refer to Appendix II for an explanation of the different priority hazard rankings.

Appendix III (Table P - Lead in Paint Inspection Summary) provides a composite summary of the inspection results.

#### LEAD IN DUST

A total of seven units were sampled for lead in dust. None of the sixty-three individual samples taken were found to exceed the allowable tolerance range for lead in dust. No hazard exists from lead in dust within the community at this time.

Appendix IV (Table D - Lead in Dust Inspection Summary) provides complete inspection results.

#### LEAD IN SOIL

A total of seven units were samples for lead in soil. One single foundation sample at 1421 Manley Ave yielded lead in soil results exceeding the allowable 400ppm for lead in soil. A total of twenty-eight samples were taken and the one positive is considered an isolated case. Refer to Table 2 for action response requirements. The lead in soil at this address posses a moderate to high hazard if soil within three feet of the perimeter of the house has exposed soil.

Appendix V (Table S - Lead in Soil Inspection Summary) provides complete inspection results.

## RECOMMENDATIONS

The fundamental step in the implementation of any plan to reduce lead hazards is a public relations package. The public relations package should provide general information regarding the lead hazard minimization plan, an approach to implement the plan, and resident education guidance. Lead hazard minimization will include paint surface restoration, tri-sodium phosphate (TSP) cleaning of horizontal surfaces for lead in dust contamination, and mulching to provide ground-cover for lead in soil contamination. Initial public awareness meetings with the residents and workers are of utmost importance. The Naval Base Charleston Document Package contains information on this subject.

### LEAD IN PAINT

No short-term actions for lead in paint is required. Development and implementation of an Operations and Maintenance (O&M) Program for all lead-based paint components is required. Periodic O&M assessment and maintenance will minimize the hazard potential from the components with lead-based paint over the long run versus performing abatement.

### LEAD IN DUST

A lead in dust hazard is not present in FY1963 Housing at this time; therefore, no action is required.

### LEAD IN SOIL

A community-wide lead in soil hazard does not exist at this time, however, lead in soil levels above EPA limits are present at one of the random units inspected during this assessment. Place mulch and/or ground-cover over the foundations at 1421 Manley to minimize the hazard. Notify community occupants of this particular elevated lead in soil situation. Include general information regarding lead hazards in the resident notification.

### HAZARD MINIMIZATION

A summary of the analysis for lead-based paint components, lead in dust and lead in soil contamination is present in Table 2. Prioritization of these potential hazards is from highest hazard rated first, descending to the least hazardous. Included is the recommended action required and its associated time-frame for implementation.

Short-term (6 - 12 months)

Two short-term actions are required. First, ground-cover and notification for the elevated soil unit; 1421 Manley Avenue. Secondly, implementation of an O&M Program for all other identified lead hazards listed within the Renovations section of Table 2. Accomplishing these two tasks will further minimize lead hazard risk within the community.

Interim Control

The following steps outline a feasible and cost effective Operations and Maintenance (O&M) Program to manage lead-based paint and lead in dust and soil contamination in place with minimal occupant/worker exposure.

1. Inform/educate the unit occupants, housing manager, and maintenance workers of the lead hazards within the community. The occupants and maintenance workers need to know where the lead-contaminated components are and what to do to protect themselves from its adverse effects. The education process begins with a brief concerning results from the inspections and continues until removal of all the lead paint hazards from the community.
2. As part of the education of the occupants, they should be encouraged to participate in DOD blood lead level screening.
3. Inspect components with a lead hazard at times of unit turn-over for signs of any damaged or deteriorated surfaces.
4. Clean-up all lead-based paint components with Tri-sodium phosphate (TSP) solution or a high phosphate detergent solution at the earliest possible time. All surfaces containing lead-based paint should be in good condition with no flaking, cracking, or peeling paint.
5. Maintain vegetation to cover lead contaminated bare areas of soil.
6. Paint damaged or deteriorated surfaces after cleaning and prepping.
7. Perform dust and soil sampling during change of occupancy, renovation/demolition actions, when findings of a visual inspection warrant it, or when elevated blood-lead levels in a child exist. Utilize the results to inform the housing occupants of any possible hazards, coupled with information that explains mitigation responses. This should/could alleviate community fears and minimize future liability.

### Renovation

During upcoming renovation projects, incorporate the recommended abatement action response for all lead-based paint components present in the proposed renovation area. Refer to the ranking scheme provided for the recommended abatement action response and priority for each lead-based paint component. The Occupational Safety and Health Administration (OSHA) regulates the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

Depending upon the scope of the particular renovation project, the overall cost of the project may be reduced by performing additional testing prior to commencing the renovation. The supplemental testing will allow exact specification of individual lead-based paint components per unit that require abatement.

### Demolition

During a demolition phase, OSHA standards regulate the occupational lead exposure and define the airborne lead exposure limits for workers. The Resource Conservation and Recovery Act (RCRA) is the basic Federal law governing waste disposal. RCRA distinguishes between solid waste and hazardous waste.

In determining whether a waste is hazardous or non-hazardous, RCRA allows generators of the waste to rely on the results of prior testing or experience, or knowledge of the waste or process generating the waste. Specific waste streams from lead abatement projects such as LBP chips and residue from chemical paint stripping processes are hazardous and must be disposed of in accordance with RCRA requirements. If the RCRA "user knowledge" allowance can not be applied to the solid waste construction debris identified as containing lead utilizing X-Ray Fluorescence (XRF) technology, then testing prior to disposal is required to determine whether the debris is hazardous or non-hazardous. This pre-disposal test for waste is the Toxic Characteristic Leachate Procedure (TCLP).

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
SHORT-TERM					
• Develop and implement an Operations and Maintenance Program.					
Lead in Dust					
• No short-term action required for lead in dust.					
Lead in Paint					
• No short-term action required for lead in paint.					
Lead in Soil					
1	1421 Manley Ave.	Exterior	All Foundations	Mulch or Vegetate	Cover all Foundation soil within 3 feet of house.
INTERIM CONTROL					
• Thoroughly inspect and assess all lead-based paint components. Update records and perform any required maintenance and repairs. Perform dust and soil sampling to monitor lead contamination changes. Perform annually or as appropriate during maintenance/service calls.					
RENOVATION					
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Door Jam	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Porch	1	Door	Replacement	O&M until abated.
5	Porch	1	Door Jam	Replacement	O&M until abated.
5	Porch	1	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Porch	1	Screen Door	Replacement	O&M until abated.
5	Porch	1	Trim	Replacement	O&M until abated.
5	Porch	1	Wall	Replacement	O&M until abated.
6	Porch	1	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door Jam	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Screen Door	Replacement	O&M until abated.
7	Exterior	1	Stoop	Replacement	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Storage	1	Door	Replacement	O&M until abated.
7	Storage	1	Door-ext.	Replacement	O&M until abated.
7	Storage	1	Down Spouts	Replacement	O&M until abated.
7	Storage	2	Door-ext.	Replacement	O&M until abated.
8	Exterior	1	Ceiling	Enclosure	O&M until abated.
8	Exterior	1	Soffit/facia	Replacement	O&M until abated.
8	Garage/carport	1	Ceiling	Enclosure	O&M until abated.
8	Stoop	1	Soffit/facia	Replacement	O&M until abated.

## DEMOLITION

- Perform TCLP testing of demolition wastestream. Maintain Personal Protective Equipment (PPE) as required during demolition activities. Adhere to local/state guidelines for waste disposal requirements.

<sup>1</sup> Priority ranks those components with the highest hazard potential first down to the least hazardous potential.

<sup>2</sup> See Floor Plans - Appendix I.

• Restore; includes prep, clean, and painting of existing surfaces.

COST ESTIMATES

The short-term and interim scope costs (for budget purposes only) given in Table 3 include direct and indirect labor costs, direct and indirect material costs, and contractors' overhead and profit for each job. Appendix VI provides cost estimate details for quantity justifications.

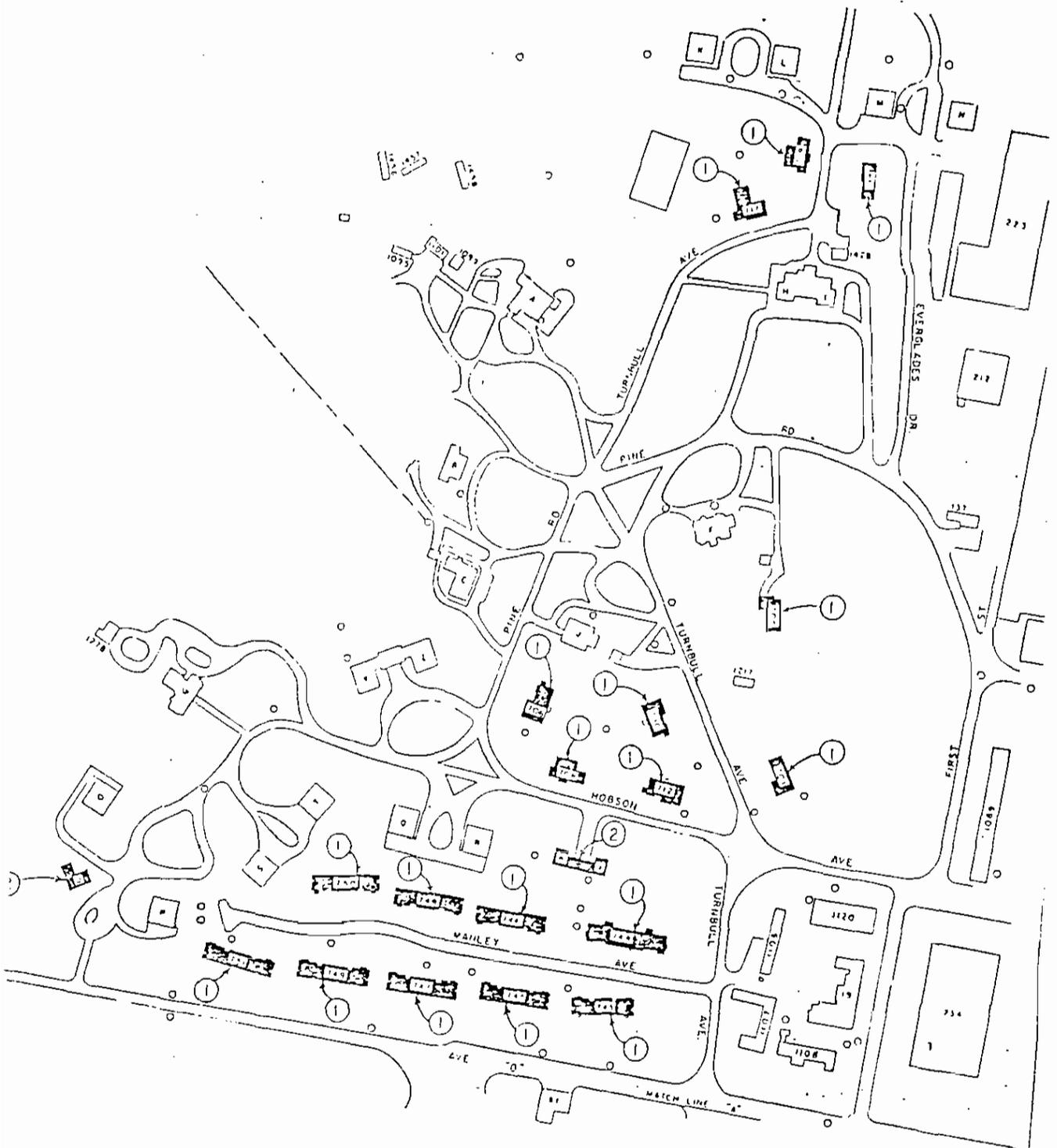
Table 3 - Cost Estimates							
Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
SHORT-TERM							
Lead in Dust							
• No short-term costs associated with lead in dust.							
Lead in Paint							
• No short-term costs associated with lead in paint.							
Lead in Soil							
•	Exteriors	All Foundations	Mulch or Vegetate	465	SF	\$0.50	\$ 232.50
<b>Subtotal</b>							\$ 232.50
SIOH and Bond - 8% of Subtotal							\$ 18.60
Contingency - 5% of Subtotal							\$ 11.63
<b>Total</b>							\$ 262.73

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
One-time Activity Cost							
<b>Subtotal</b>							\$ 6,800.00
SIOH and Bond - 8% of Subtotal							\$ 544.00
Contingency - 5% of Subtotal							\$ 340.00
<b>Total</b>							\$ 7,684.00
INTERIM CONTROL							
Annual Community Cost							
<b>Subtotal</b>							\$ 5,127.50
SIOH and Bond - 8% of Subtotal							\$ 410.20
Contingency - 5% of Subtotal							\$ 256.38
<b>Total</b>							\$ 5,794.08

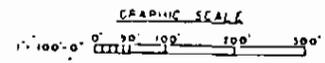
# APPENDIX I

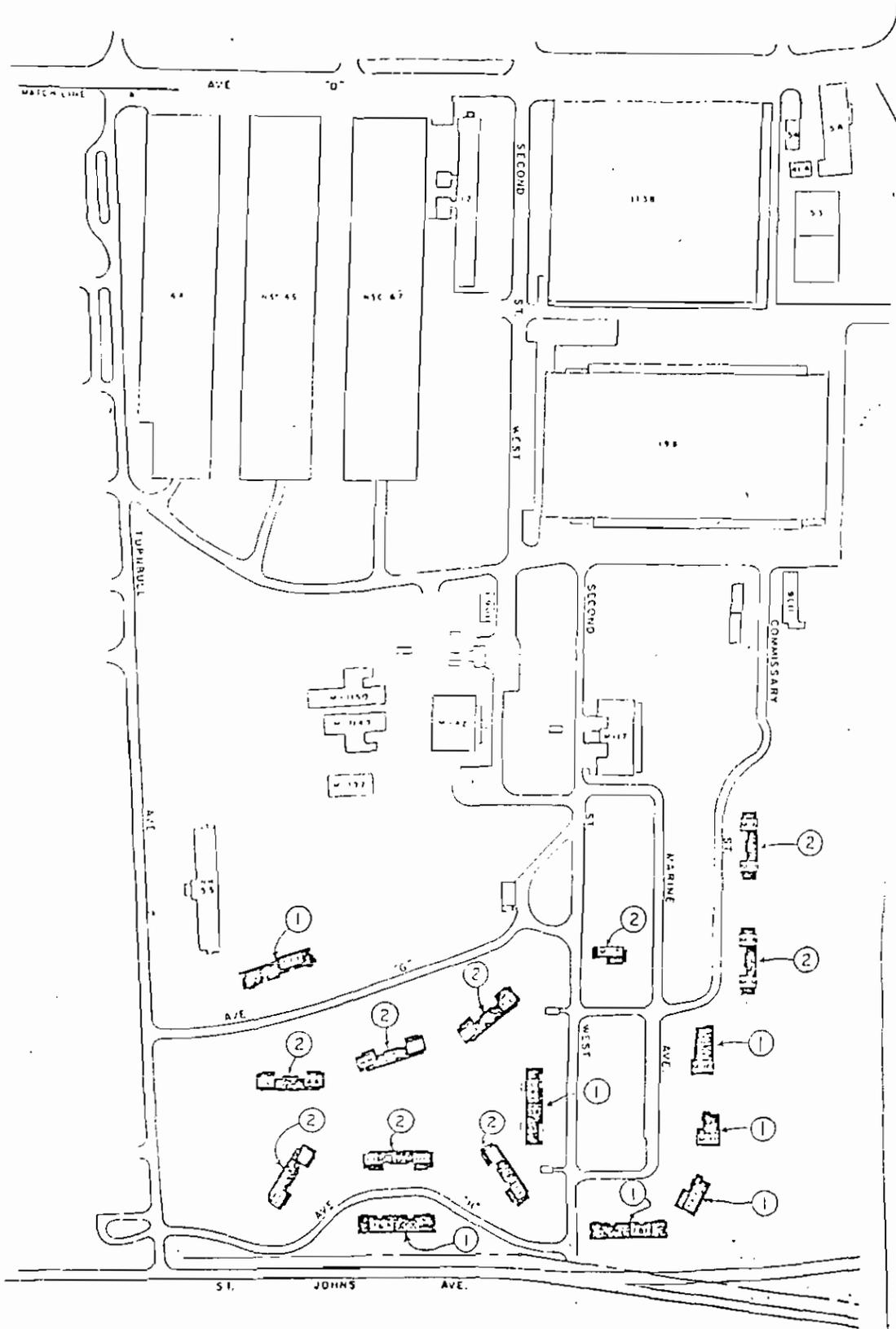
## MAPS AND FLOOR PLANS



LEGEND

- ① ONE STORY STRUCTURE.
- ② TWO STORY STRUCTURE.

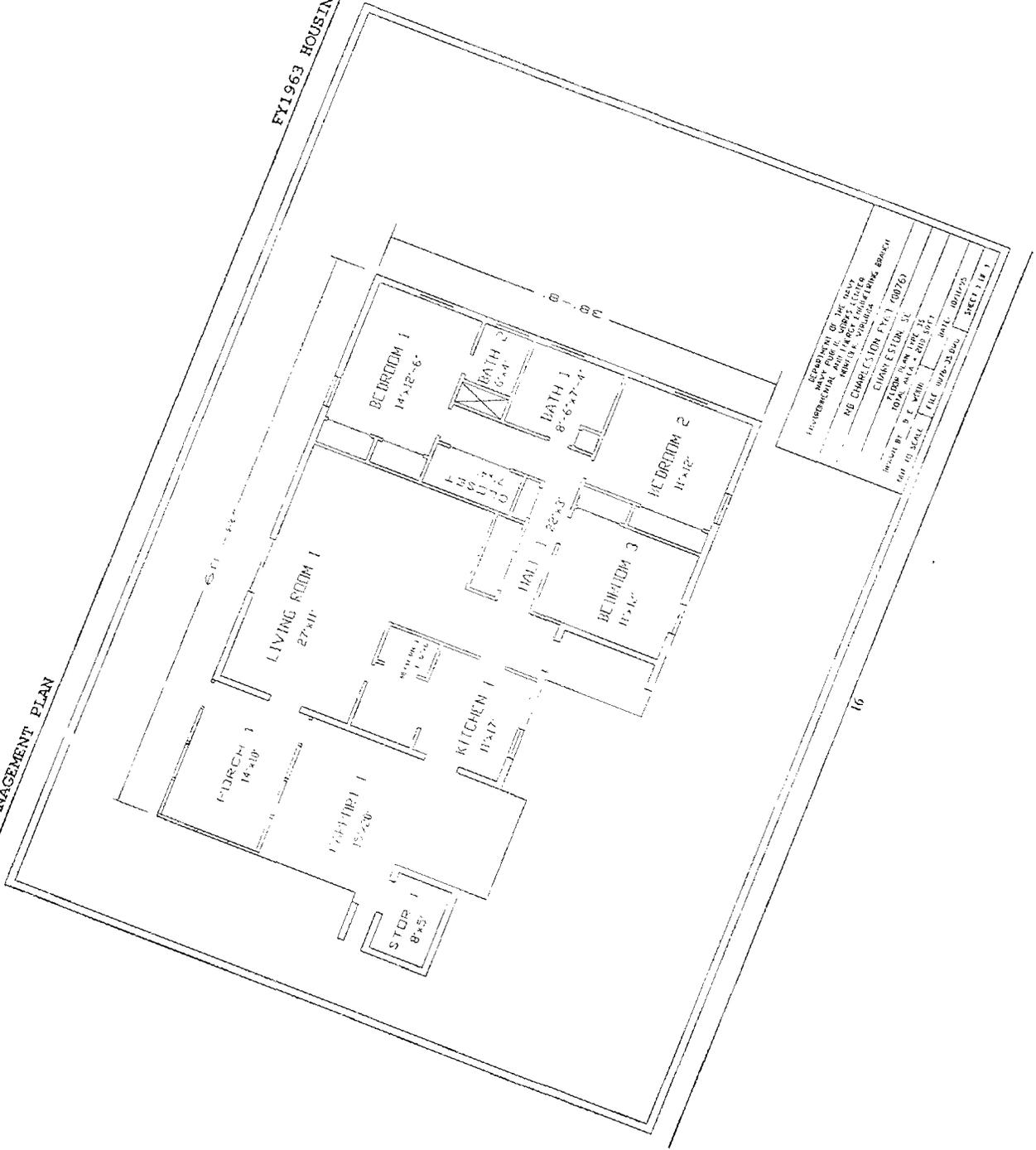






**LEAD MANAGEMENT PLAN**

**FY1963 HOUSING**



DEPARTMENT OF THE HOUSING  
 MUNICIPAL PUBLIC WORKS  
 NEW YORK CITY  
 NEW YORK

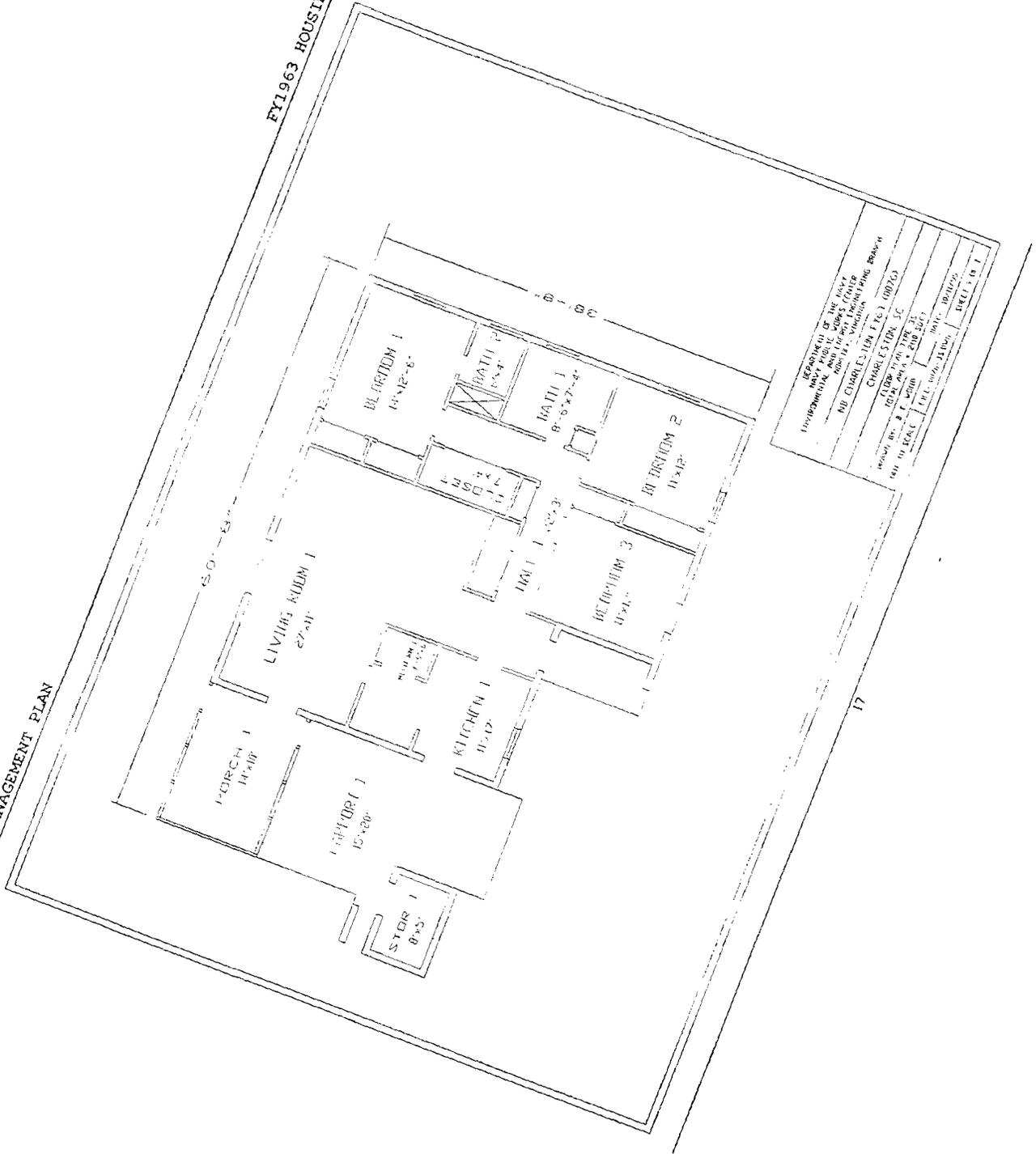
NO. CHANCELLER'S OFFICE  
 CHANCELLER'S OFFICE  
 CHANCELLER'S OFFICE

DATE: 10/1/62  
 DRAWN BY: J. E. WOOD  
 CHECKED BY: J. E. WOOD  
 SCALE: 1/8" = 1'-0"

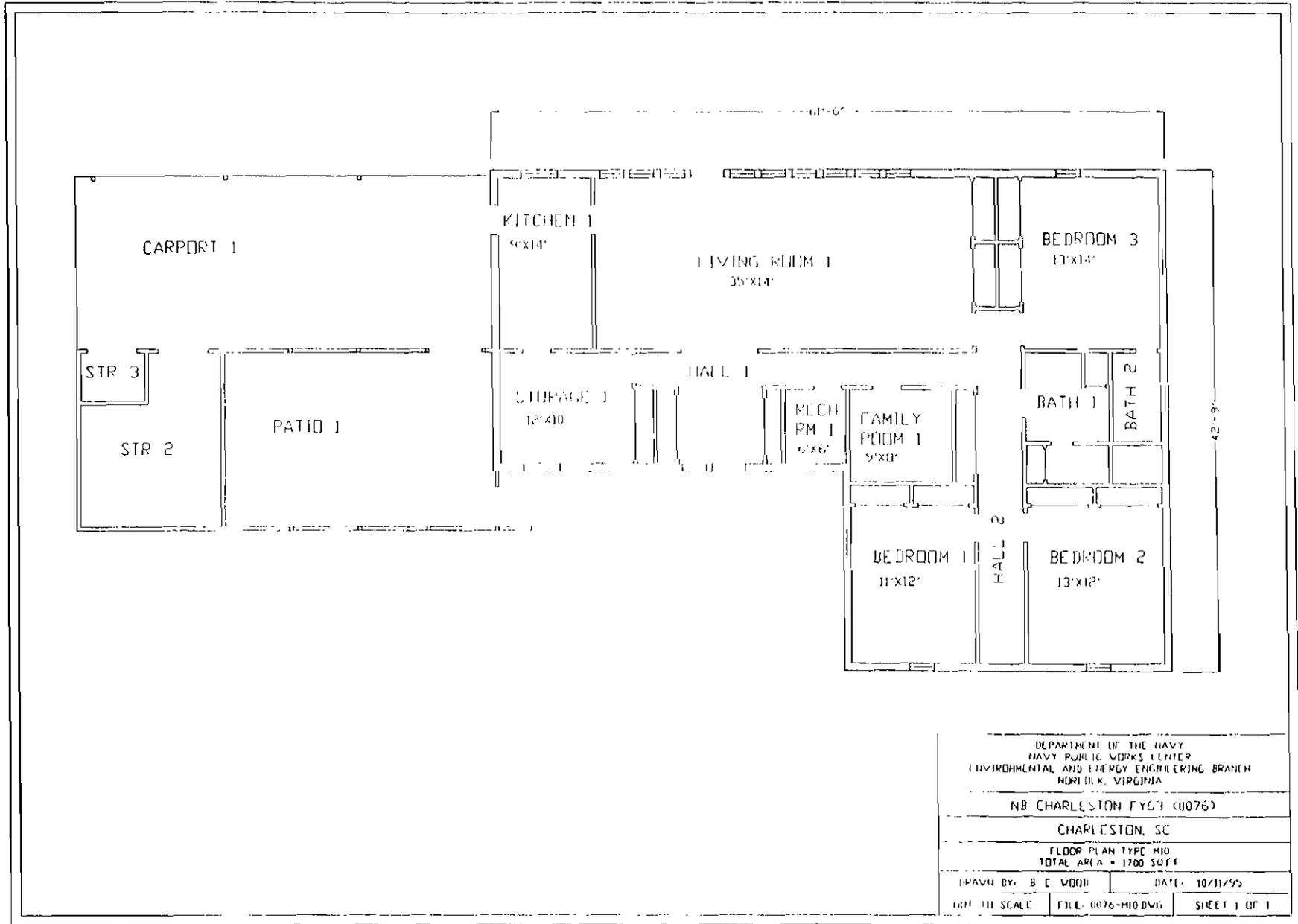
PROJECT: 100-100-100-100  
 SHEET: 1 OF 1

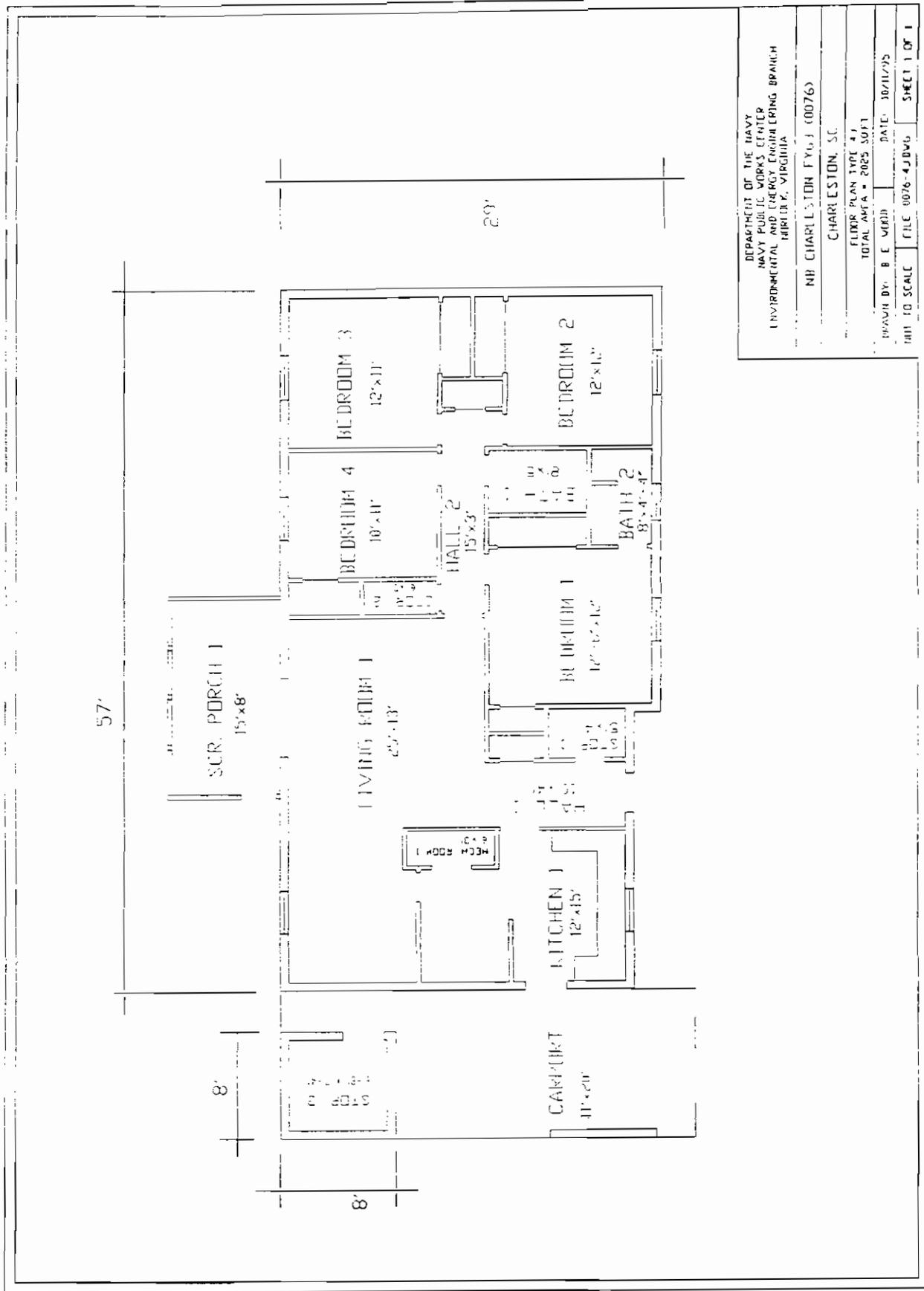
LEAD MANAGEMENT PLAN

FY1963 HOUSING



DEPARTMENT OF THE NAVY  
 NAVY PUBLIC WORKS (TOPIC)  
 3000 14<sup>th</sup> STREET, WASHINGTON, D.C.  
 MR. CHARLES E. JENKINS, JR.  
 CHARLES E. JENKINS, JR. (DDPG)  
 1000 14<sup>th</sup> STREET, WASHINGTON, D.C.  
 MR. J. P. WOOD, JR. (DDPG)  
 1000 14<sup>th</sup> STREET, WASHINGTON, D.C.  
 DATE: 10/10/62  
 BY: J. P. WOOD, JR.  
 CHECKED BY: J. P. WOOD, JR.  
 SCALE: 1/8" = 1'-0"





DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER ENVIRONMENTAL AND ENERGY ENGINEERING BRANCH HARRISBURG, VIRGINIA			
NR CHARLESTON FY63 (0076)			
CHARLESTON, SC			
FLOR PLAN TYPE 4J			
TOTAL AREA = 2025 SQFT			
DRAWN BY: B. E. WOOD	DATE: 10/11/75		
1/11 TO SCALE	FILE 0076-4J/DWG	SHEET 1 OF 1	

# APPENDIX II

## DEFINITIONS

**Abatement** - Any set of measures designed to permanently eliminate lead-based paint hazards in accordance with standards established by the administration under Title IV of TSCA. Includes preparation, cleanup, disposal, and post-abatement clearance testing activities associated with such measures.

**Action Levels (Per HUD/EPA Guidelines):**

- Lead-based paint - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.
- Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).
- Lead in soil - < 400 ppm\* - no action necessary  
400 -5000 ppm\* - interim controls  
> 5000 ppm\* - abatement necessary  
\*parts per million (ppm)

**Abatement Options:**

- Encapsulation - Resurfacing or covering surfaces and sealing or caulking with durable materials to prevent or control chalking or flaking lead-containing substances from becoming part of house dust or accessible to children.
- Enclosure - Construction of a containment structure or wall to minimize the potential contact with hazards. Use drywall, plywood, vinyl siding and trim, etc.
- Removal - The process of removing the lead-based paint from the component by means of chemicals, scraping, heat, or blasting. Not recommended in most cases.
- Replacement - Strategy of abatement that entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components, free of lead paint. Cost of replacement may be incidental to ongoing renovation efforts (i.e., replacement of windows eliminates primary LBP hazard source, improves buildings energy performance, increases occupant comfort level, and reduces maintenance costs).
- Operations and Maintenance (O&M) - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Action Response Time-frame:**

- Short-term Response - Perform hazard minimization action specified per lead-based paint component and lead-contaminated dust/soil situation within 6-12 months.
- Interim Control - Measures that mitigate the hazard until permanent abatement occurs.
- Renovation - Abate specified lead-based paint and lead-contaminated dust/soil, as numerically prioritized, during future renovation projects.
- Demolition - Adhere to city/state guidelines and regulations for waste disposal.

**Blood Lead Levels** - A measure of the concentration of lead in whole blood, typically expressed in micrograms of lead per deciliter ( $\mu\text{g}/\text{dl}$ ). It indicates the amount of lead circulating in the bloodstream and is the best initial measurement to evaluate lead exposure. A multitier classification of blood lead levels established by the Centers for Disease Control (CDC) defines lead poisoning.

**Blood Lead Level Screening** - A program by the Centers for Disease Control (CDC) recommends that all children 6 years of age and younger be evaluated for lead exposure and tested for blood lead levels when appropriate. Preventing Lead Poisoning in Young Children: a statement by the Centers for Disease Control details the provisions of this screening program.

**Certified Inspector** - A person who has completed a training program certified by the appropriate Federal agency and has met any other requirements for certification or licensing established by such agency.

**Community Number** - Navy Family Housing community name and numerical designation provided by PWC Norfolk, Virginia for program management.

**Friction Surface** - An interior or exterior surface that is subject to abrasion or friction, including certain window, floor, and stair surfaces.

**Hazard Potential** - Quantitative assessment that involves the use of a hazard rating system to evaluate the potential hazard from lead. It includes the following parameters:

- Lead in paint content
- Paint condition
- Location of LBP component (interior/exterior)
- Surface mouthable or non-mouthable
- Lead in dust contamination
- Lead in soil contamination
- Lead in water contamination
- Children with elevated blood lead levels
- Building use

The hazard potential is given in the follow terms:

- High - A potentially hazardous situation exists in the community and a potential health risk to the to residents is present.
- Moderate - A potentially hazardous situation exists in the community and a potential health risk to the to residents may be present.
- Low - LBP components evaluated to be a minor health risk.

**Hazard Priority Levels** - Prioritization of hazard potential categories with recommended action response.

- Level 1 (High Hazard Potential) - Interior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 2 (High Hazard Potential) - Interior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 3 (Moderate Hazard Potential) - Exterior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 4 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 5 (Low Hazard Potential) - Interior and mouthable LBP component in good condition. Recommended action response is O&M.

- Level 6 (Low Hazard Potential) - Interior and non-mouthable LBP component in good condition. Recommended action response is O&M.
- Level 7 (Moderate Hazard Potential) - Exterior and mouthable LBP component in good condition. Recommended action response is O&M.
- Level 8 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component in good condition. Recommended action response is O&M.

**Homogenous** - A grouping of housing units built at the same time utilizing similar materials.

**Impact Surface** - An interior or exterior surface that is subject to damage by repeated impacts, for example, certain parts of door frames.

**Interim Controls** - A set of measures designed to reduce temporarily human exposure or likely exposure to lead-based paint hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of lead-based paint hazards or potential hazards, and the establishment and operation of management and resident education programs.

**Lead-based Paint (LBP)** - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.

**Lead-based Paint Hazard** - Any condition that causes exposure to lead from lead-contaminated dust, lead-contaminated soil, lead-based paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects as established by the appropriate Federal agency.

**Lead Containing Paint** - Dry paint film that contains more than 600 ppm lead as determined by laboratory analysis. A term established by the Consumer Products Safety Commission in 1972 as a limit of 5000 ppm lead content in new residential paint and revised in 1978 to the current standard.

**Lead-contaminated Dust** - Surface dust in residential dwellings that contains a concentration (mass/area) of lead in excess of levels determined by the appropriate Federal agency to pose a threat of adverse health effects in pregnant women or young children.

**Lead in dust** - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).

**Lead-contaminated Soil** - Bare soil on residential real property that contains lead at or in excess of the levels determined to be hazardous to human health by the appropriate Federal agency.

Lead in soil - < 400 ppm\* - no action necessary  
 400 -5000 ppm\* - interim controls  
 > 5000 ppm\* - abatement necessary  
 \*parts per million (ppm)

**Mitigation** - Any action taken to reduce or minimize the potential hazards of lead-based paint.

**Mouthable** - An interior or exterior surface that is accessible for a young child to mouth or chew.

**Non-homogenous** - Housing units built at different times using different materials.

**Non-mouthable** - An interior or exterior surface that is not accessible for a young child to mouth or chew.

**Operations and Maintenance (O&M)** - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Operations and Maintenance (O&M) Cost Factor** - A multiplier for calculating annual O&M costs derived from the time estimated for LBP component surveillance and record keeping.

# Positive LBP Components	Surveillance (time per unit)	Record Keeping (time per unit)	O&M Annual Cost Factor (time per unit)	O&M Cost per unit per year (based on \$50.00 per hour labor)
1 to 30	0.50	1.00	1.50	\$ 75.00
31 to 60	0.75	1.50	2.25	\$112.50
61 to 90	1.00	2.00	3.00	\$150.00
91 to 120	1.25	2.50	3.75	\$187.50
120 +	1.25	3.00	4.25	\$212.50

**Paint Conditions:**

- Chalking (C) - A film picked-up by touching the surface.
- Intact (I) - No damage (0%).
- Major Damage (MJR) - Flaking, peeling, blistering of 35% or more of the surface area (greater than 35%).
- MFG Finish (MFG) - Factory painted (i.e., range exhaust, storm doors, cabinets).
- Minor Damage (MNR) - Flaking, peeling, blistering of less than 35% of the surface area (less than 35%).
- Not Painted (NP) - No paint (i.e., bare wood, vinyl/metal siding).
- Varnish/Stain (VS) - Any stain, varnish, polyurethane application to the surface.

**Substrate Condition:**

- Good (G) - No damage.
- Fair (F) - Rot, missing substrate of the surface area.
- Poor (P) - Rot, missing substrate of the surface area.

**Toxic Characteristic Leachate Procedure (TCLP)** - A laboratory testing procedure to determine the presence of hazardous constituents in sample.

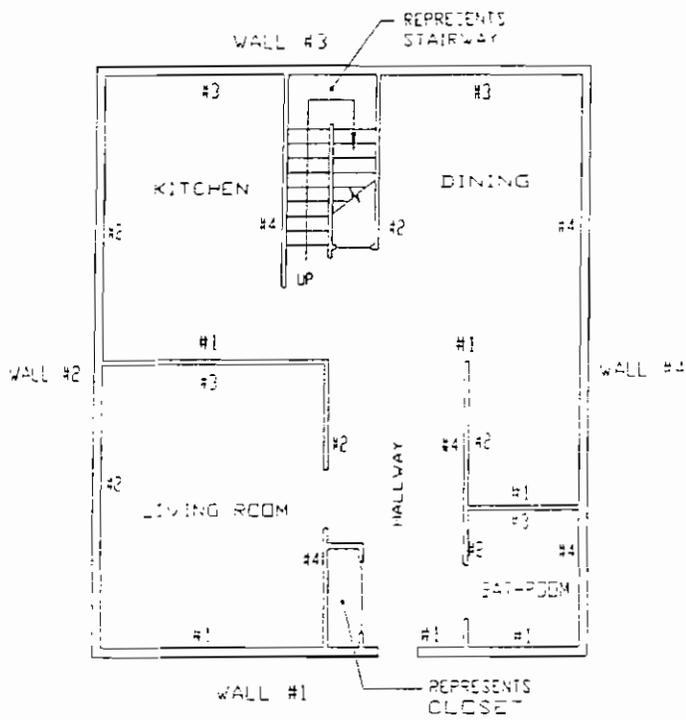
**TSP** - Tri-sodium phosphate solution diluted in water.

**UIC Number** - An alpha-numeric code assigned by DOD to represent each Activity/Command.

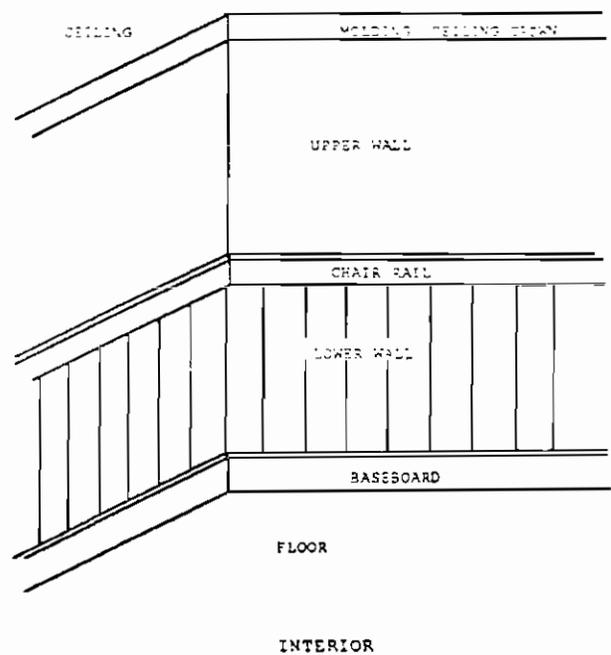
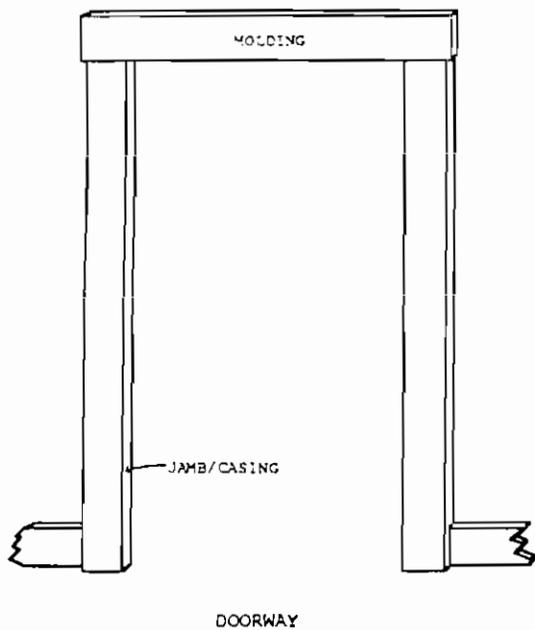
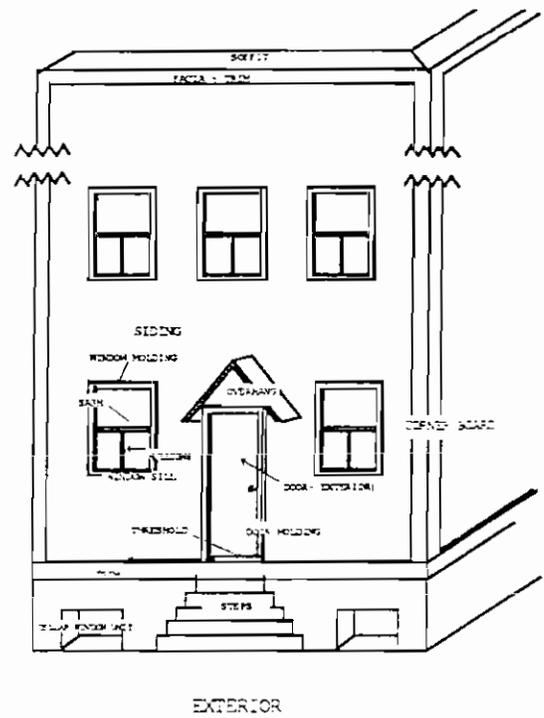
**Unit Number** - A numerical designation used by PWC Norfolk, Virginia to allow for accountability of units within an inspected community; used for project management.

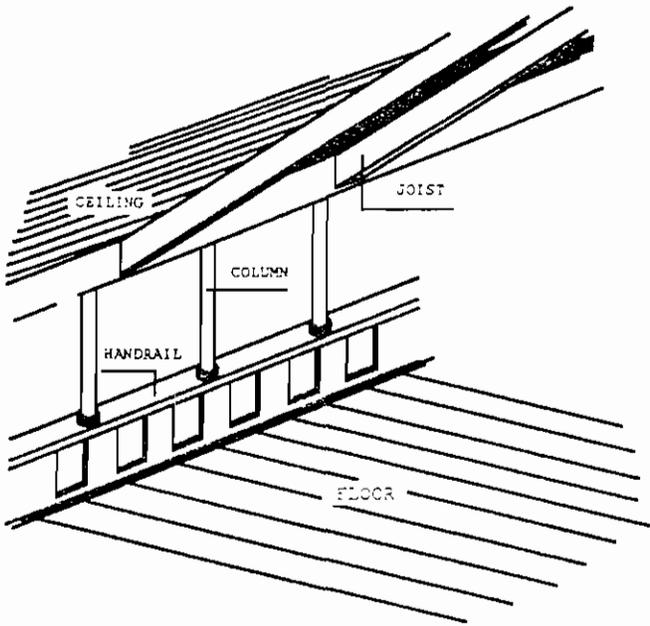
**X-ray Fluorescent Spectrum Analyzer (XRF)** - An instrument that determines lead concentrations in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of X-ray fluorescence. This type of analyzer provides the operator with a plot of energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

**Note:** The following is a pictorial representations of wall/room designations and component descriptions.

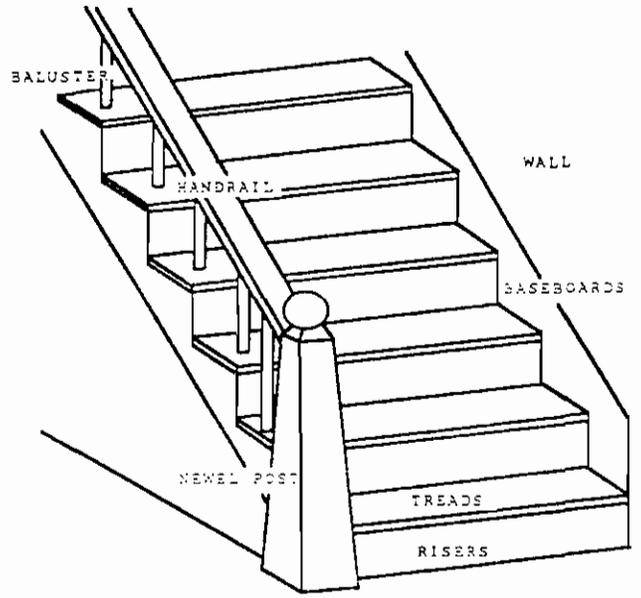


WALL NUMBERING SCHEME

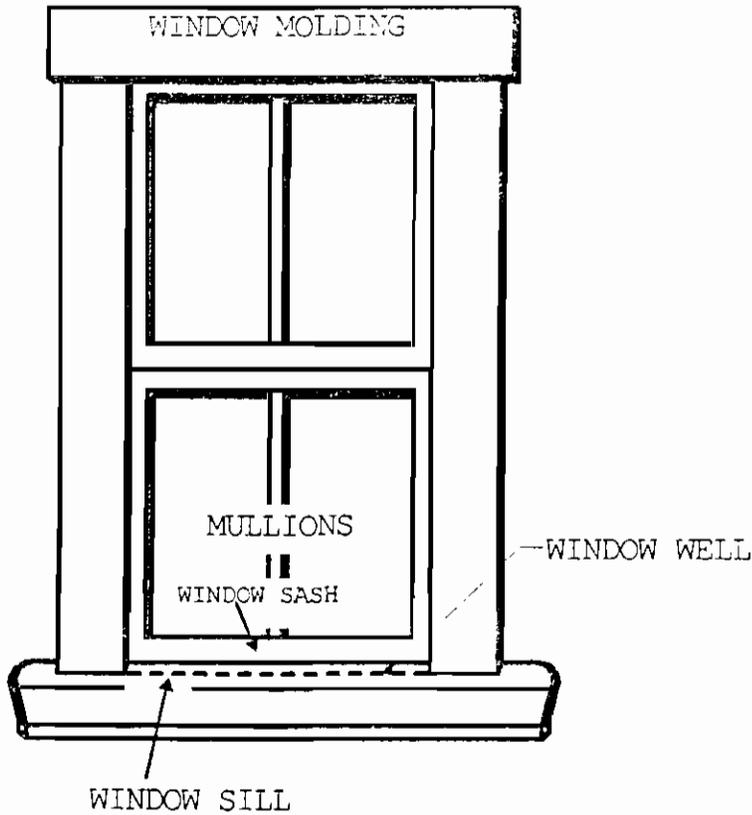




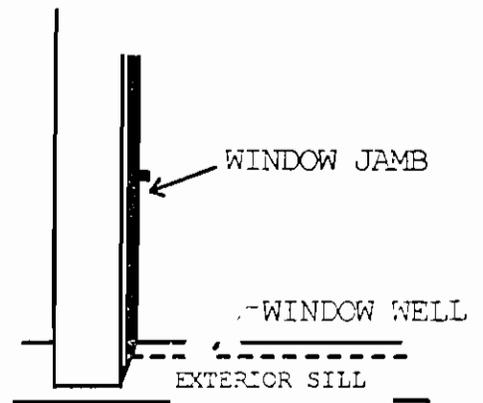
PORCH/SUNROOM



STAIRWAY



WINDOW



# APPENDIX III

## LEAD IN PAINT INSPECTION SUMMARY

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Jam	0	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	1	Window Sill	0	I	0	Y	Wood
Bathroom	2	Cabinet	0	I	0	Y	Dry Wall
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	2	Window Sill	0	I	0	Y	Wood
Bathroom	3	Sliding Door	0	I	0	Y	Wood
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Cl Door Trim	0	I	0	Y	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Jam	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Sliding Door	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	1	Window Well	0	I	0	Y	Wood
Bedroom	1	Wnd Molding	0	I	0	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Sliding Door	0	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	2	Wnd Molding	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Cl Door Trim	0	I	0	Y	Wood
Bedroom	3	Closet Door	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Jam	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Sliding Door	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Wood
Bedroom	3	Wnd Molding	0	I	0	Y	Wood
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Cl Door Trim	0	I	0	Y	Wood
Bedroom	4	Closet Door	0	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Molding	0	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sill	0	I	0	Y	Wood
Bedroom	4	Wnd Molding	0	I	0	Y	Wood
Exterior	1	Ceiling	75	I	0	F	Wood
Exterior	1	Door	75	I	0	Y	Wood
Exterior	1	Door Jam	54	I	0	Y	Wood
Exterior	1	Door-ext.	88	I	0	Y	Wood
Exterior	1	Screen Door	100	I	0	Y	Wood
Exterior	1	Siding	0	I	0	Y	Wood
Exterior	1	Soffit/facia	83	I	0	Y	Wood
Exterior	1	Stoop	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Exterior	1	Wall	100	I	0	Y	Wood
Exterior	1	Wall (lower)	0	I	0	Y	Wood
Garage/carport	1	Ceiling	100	I	0	F	Wood
Garage/carport	1	Column	0	MJR	100	Y	Metal
Garage/carport	1	Wall	0	I	0	Y	Concrete
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	9	I	0	Y	Wood
Hallway	1	Door Jam	6	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Door-ext.	25	I	0	Y	Wood
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Wnd Molding	0	I	0	Y	Wood
Hallway	2	Attic Access	0	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Door Molding	0	I	0	Y	Wood
Hallway	2	Folding Door	0	I	0	Y	Metal
Hallway	2	Wall	0	I	0	Y	Dry Wall
Hallway	4	Closet Shelf	0	I	0	Y	Wood
Kitchen	1	Baseboard	0	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	4	I	0	F	Dry Wall
Kitchen	1	Door	0	I	0	Y	Wood
Kitchen	1	Door Jam	66	I	0	Y	Wood
Kitchen	1	Door Molding	0	I	0	Y	Wood
Kitchen	1	Door-ext.	66	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	4	I	0	Y	Wood
Kitchen	1	Wnd Molding	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Door	0	MNR	4	Y	Wood
Living	1	Door Jam	33	I	0	Y	Wood
Living	1	Door Molding	0	I	0	Y	Wood
Living	1	Door-ext.	60	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	0	I	0	Y	Wood
Living	1	Wnd Molding	0	I	0	Y	Wood
Mechanical	1	Baseboard	0	I	0	Y	Wood
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Door	69	I	0	Y	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Handrail	0	I	0	Y	Wood
Porch	1	Screen Door	50	I	0	Y	Wood
Porch	1	Trim	75	I	0	Y	Wood
Porch	1	Wall	33	I	0	Y	Wood
Porch	1	Wall (lower)	6	I	0	Y	Wood
Stairway	2	Ceiling	0	I	0	F	Dry Wall
Stoop	1	Soffit/facia	100	I	0	Y	Wood
Storage	1	Ceiling	0	I	0	F	Dry Wall
Storage	1	Door	30	I	0	Y	Wood
Storage	1	Door Jam	0	I	0	Y	Wood
Storage	1	Door-ext.	90	I	0	Y	Wood
Storage	1	Down Spouts	100	I	0	Y	Wood
Storage	1	Soffit/facia	0	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	2	Door-ext.	100	I	0	Y	Wood
Storage	2	Wall	0	I	0	Y	Concrete

### Table P - Lead in Paint Inspection Results

*(Composite Summary of all Inspected Units)*

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
<sup>1, 2</sup> See Floor Plans - Appendix I. <sup>3</sup> Corresponds to the percentage of components in the community that are positive. <sup>4</sup> Corresponds to the percentage of damaged components in the community. <sup>5, 6</sup> See Definitions - Appendix II.							

# APPENDIX IV

## LEAD IN DUST INSPECTION SUMMARY

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>1</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1421 Manley Ave	16	Living	1	Window Sill	Wood	G	I	26	N
1421 Manley Ave	16	Living	1	Floor	Floor Tile	G	N	25	N
1421 Manley Ave	16	Kitchen	1	Window Sill	Wood	G	I	26	N
1421 Manley Ave	16	Kitchen	1	Floor	Linolam	G	N	25	N
1421 Manley Ave	16	Bedroom	1	Window Sill	Wood	G	N	26	N
1421 Manley Ave	16	Bedroom	1	Floor	Floor Tile	G	N	25	N
1421 Manley Ave	16	Bedroom	2	Window Sill	Wood	G	N	26	N
1421 Manley Ave	16	Bedroom	2	Floor	Floor Tile	G	N	25	N
1425 Manley Ave	17	Living	1	Window Sill	Wood	G	I	44	N
1425 Manley Ave	17	Living	1	Floor	Floor Tile	G	N	25	N
1425 Manley Ave	17	Kitchen	1	Window Sill	Wood	G	N	44	N
1425 Manley Ave	17	Kitchen	1	Floor	Linolam	G	N	25	N
1425 Manley Ave	17	Bedroom	1	Window Sill	Wood	G	I	45	N
1425 Manley Ave	17	Bedroom	1	Floor	Floor Tile	G	N	25	N
1425 Manley Ave	17	Bedroom	2	Window Sill	Wood	G	I	102	N
1425 Manley Ave	17	Bedroom	2	Floor	Floor Tile	G	N	25	N
1420 Manley Ave	18	Living	1	Window Sill	Wood	G	I	26	N
1420 Manley Ave	18	Living	1	Floor	Floor Tile	G	N	25	N
1420 Manley Ave	18	Kitchen	1	Window Sill	Wood	G	I	26	N
1420 Manley Ave	18	Kitchen	1	Floor	Linolam	G	N	25	N
1420 Manley Ave	18	Bedroom	1	Window Sill	Wood	G	I	26	N
1420 Manley Ave	18	Bedroom	1	Floor	Floor Tile	G	N	25	N
1420 Manley Ave	18	Bedroom	2	Window Sill	Wood	G	I	26	N
1420 Manley Ave	18	Bedroom	2	Floor	Floor Tile	G	N	25	N
1303 Ave H	32	Living	1	Window Sill	Wood	G	I	15	N
1303 Ave H	32	Living	1	Floor	Floor Tile	G	N	25	N
1303 Ave H	32	Kitchen	1	Window Sill	Wood	G	I	10	N
1303 Ave H	32	Kitchen	1	Floor	Floor Tile	G	N	25	N
1303 Ave H	32	Bedroom	1	Window Sill	Wood	G	I	15	N
1303 Ave H	32	Bedroom	1	Floor	Floor Tile	G	N	25	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1303 Ave H	32	Bedroom	2	Window Sill	Wood	G	I	17	N
1303 Ave H	32	Bedroom	2	Floor	Floor Tile	G	N	25	N
1309 Ave H	33	Living	1	Window Sill	Wood	G	I	22	N
1309 Ave H	33	Living	1	Floor	Floor Tile	G	I	26	N
1309 Ave H	33	Kitchen	1	Window Sill	Wood	G	I	26	N
1309 Ave H	33	Kitchen	1	Floor	Floor Tile	G	I	25	N
1309 Ave H	33	Bedroom	1	Window Sill	Wood	G	I	15	N
1309 Ave H	33	Bedroom	1	Floor	Floor Tile	G	I	25	N
1309 Ave H	33	Bedroom	2	Window Sill	Wood	G	I	15	N
1309 Ave H	33	Bedroom	2	Floor	Floor Tile	G	I	25	N
774 Marine Ave	34	Living	1	Window Sill	Wood	G	I	9	N
774 Marine Ave	34	Living	1	Floor	Floor Tile	G	I	25	N
774 Marine Ave	34	Kitchen	1	Window Sill	Wood	G	I	6	N
774 Marine Ave	34	Kitchen	1	Floor	Floor Tile	G	I	25	N
774 Marine Ave	34	Bedroom	1	Window Sill	Wood	G	I	9	N
774 Marine Ave	34	Bedroom	1	Floor	Floor Tile	G	I	25	N
774 Marine Ave	34	Bedroom	2	Window Sill	Wood	G	I	9	N
774 Marine Ave	34	Bedroom	2	Floor	Floor Tile	G	I	25	N
778 Marine Ave	35	Living	1	Window Sill	Wood	G	I	8	N
778 Marine Ave	35	Living	1	Floor	Floor Tile	G	N	25	N
778 Marine Ave	35	Kitchen	1	Window Sill	Wood	G	N	6	N
778 Marine Ave	35	Kitchen	1	Floor	Floor Tile	G	N	25	N
778 Marine Ave	35	Bedroom	1	Window Sill	Wood	G	N	8	N
778 Marine Ave	35	Bedroom	1	Floor	Floor Tile	G	N	25	N
778 Marine Ave	35	Bedroom	2	Window Sill	Wood	G	N	8	N
778 Marine Ave	35	Bedroom	2	Floor	Floor Tile	G	N	25	N

1, 4, 5, 6 See Definitions - Appendix II.

2, 3 See Floor Plans - Appendix I.

# APPENDIX V

## LEAD IN SOIL INSPECTION SUMMARY

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
1421 Manley Ave	16	Foundation #1	10	1	0	I	104	N
1421 Manley Ave	16	Foundation #2	10	3	0	I	1619	Y
1421 Manley Ave	16	Roadside	5	1	50	NP	127	N
1425 Manley Ave	17	Background	0	3	0	NP	78	N
1425 Manley Ave	17	Foundation #1	1	1	0	I	82	N
1425 Manley Ave	17	Foundation #2	1	3	0	I	132	N
1425 Manley Ave	17	Roadside	1	1	0	NP	112	N
1420 Manley Ave	18	Background	0	3	0	NP	19	N
1420 Manley Ave	18	Foundation #1	25	1	0	I	42	N
1420 Manley Ave	18	Foundation #2	80	3	0	I	95	N
1420 Manley Ave	18	Roadside	5	1	0	NP	99	N
1420 Manley Ave	18	Background	0	3	0	NP	94	N
1303 Ave H	32	Background	0	4	30	NP	112	N
1303 Ave H	32	Foundation #1	70	1	0	I	14	N
1303 Ave H	32	Foundation #2	20	3	0	I	52	N
1303 Ave H	32	Pet Area	0	4	15	NP	107	N
1309 Ave H	33	Background	0	3	30	NP	79	N
1309 Ave H	33	Foundation #1	20	1	0	I	32	N
1309 Ave H	33	Foundation #2	10	3	0	I	56	N
1309 Ave H	33	Along Sidewalk	10	1	20	NP	52	N
774 Marine Ave	34	Foundation #1	0	3	0	NP	66	N
774 Marine Ave	34	Foundation #1	70	1	0	I	138	N
774 Marine Ave	34	Foundation #2	5	3	0	I	48	N
774 Marine Ave	34	Play Area	40	4	30	NP	91	N
778 Marine Ave	35	Background	0	3	30	NP	54	N
778 Marine Ave	35	Foundation #1	20	1	0	I	134	N
778 Marine Ave	35	Foundation #2	10	3	0	I	52	N
778 Marine Ave	35	Along Sidewalk	10	1	20	NP	139	N

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
<sup>1, 3, 4</sup> See Definitions - Appendix II.								
<sup>2</sup> Unit side 1 is the side of the unit that has the entrance door on it. Unit sides 2, 3, and 4 determined by going clockwise around the unit and numbering each side, respectively.								

# APPENDIX VI

## COST ESTIMATE DETAILS

### Cost Estimate Details

Location	Room # <sup>1</sup>	Component	Unit of Measure	Quantity Per Housing Unit	Total # of Housing Units with Lead	Total
SHORT-TERM						
Lead in Dust						
• No short-term costs associated with lead in dust.						
Lead in Paint						
• No short-term costs associated with lead in paint.						
Lead in Soil						
1421 Manley Ave.	Ext.	All Foundations	SF	465	1	465

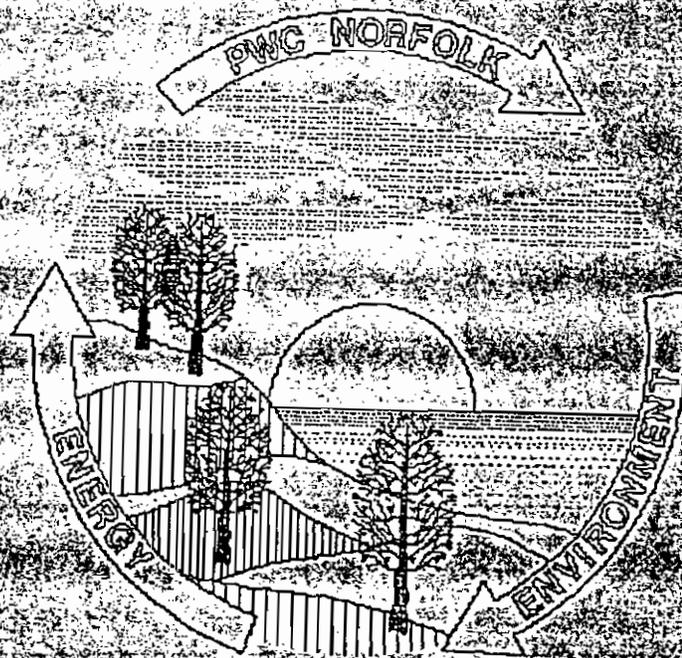
## INTERIM CONTROL

The O&M Program includes the following items:

<b>One-time Activity Cost*</b>	
Notification - Each for housing staff, maintenance, and occupants. (4 hrs) (\$50/hr) (3 people)	\$ 600.00
Controls and Work Practices - Training maintenance personnel. (8 hrs) (\$50/hr) (4 people) + (4 people) (\$500 tuition)	\$ 3,600.00
Training - Housing office personnel trained. (16 hrs) (\$50/hr) (2 people) + (2 people) (\$500 tuition)	\$ 2,600.00
<b>TOTAL ONE-TIME ACTIVITY COST</b>	<b>\$ 6,800.00</b>
* Actual costs will be a function of personnel needs/availability, housing staff structure, and the quantity and characteristics of the housing units.	
<b>Annual Community Cost</b>	
O&M Surveillance and Record Keeping - Assessment and management of LBP components. The assessment includes the annual evaluation of each LBP component to determine condition, damage type, and potential for disturbance. Management of LBP components includes the time to record the surveillance information for the component into a lead file, establishing a work permit system to determine when operations/activities may disturb the components creating dust, document changes in condition/repairs/removal of the LBP component, and maintain training records. This cost estimate utilizes a cost factor based on the number of LBP components per homogenous community. FY1963 Housing has 26 LBP components. <sup>1</sup>	
(2.25 LBP cost factor <sup>2</sup> ) (\$50/hr) (35 total units <sup>3</sup> )	\$ 3,937.50
Dust and Soil Testing - Random unit testing in accordance with HUD guidelines and sampling protocol. The O&M program requires annual dust and soil until the hazard is no longer present.	
[(12 samples) (\$10 per analysis) + (1 hr) (\$50/hr)] (7 units <sup>3</sup> )	\$ 1,190.00
<b>TOTAL ANNUAL COMMUNITY COST</b>	<b>\$ 5,127.50</b>
<sup>1</sup> See Appendix III - Lead in Paint Inspection Summary for listing of positive LBP components.	
<sup>2</sup> See Appendix II - Definitions	
<sup>3</sup> See Table 1 Inspection Parameters	

# LEAD MANAGEMENT PLAN

FY1965 HOUSING  
NAVAL BASE CHARLESTON  
CHARLESTON, SOUTH CAROLINA



Department of the NAVY  
NAVY Public Works Center  
Energy/Environmental Engineering Branch, Code 414  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095

JANUARY 1996

NOTE: This document is intended to be a working management plan for FY1965 Housing Community. Refer to the Activity Action Summary provided for all pertinent program information.

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**A special thanks** to the housing staff FY1965 Family Housing Community who assisted PWC - Norfolk, Virginia in completing their project efficiently.

COMMUNITY DESCRIPTION

A summary of FY1965 Housing Community inspection is below in Table 1. Provided in Appendix I is a listing of the housing units inspected.

- Community Number: 0077<sup>1</sup>
- Activity UIC Number: N00193<sup>1</sup>
- Inspection Dates: May 31 - June 8, 1994

Table 1 - Inspection Parameters

Housing Type	Square Footage	Total # of Units	# of Units Inspected			Floor Plan Type <sup>2</sup>	Year(s) of Construction
			Paint	Dust	Soil		
Single Family Housing							
3 Bedroom	1750	2	2	2	2	3SA	1965
3 Bedroom	2110	1	0	0	0	3S	1965
4 Bedroom	1725	1	1	0	0	4SA	1965
4 Bedroom	1775	2	2	2	2	4S	1965
<b>Totals</b>	<b>10,885</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>4</b>		

<sup>1</sup> See Definitions - Appendix II.

<sup>2</sup> See Floor Plans - Appendix I.

**Note:** 399 Turnbull Avenue was not inspected due to scheduling difficulties encountered during the project duration.

## FINDINGS AND ANALYSIS

The primary objective of the lead assessment of FY1965 housing community is to determine if potential lead-based paint hazards exist in the community and recommend methods to minimize all confirmed hazards. The Department of Housing and Urban Development (HUD) Guidelines outline the general scheme applied for the assessment testing protocol.

HUD surveys indicate that lead in dust is the major route for lead exposure for children. Lead in dust is primarily the result of deteriorating lead-based paint. Soil contaminated with lead from weathering, chalking, and deterioration of exterior lead-based paint can contribute to the dwelling's interior lead in dust levels by being tracked into living areas. The HUD surveys confirm a relationship between the presence of lead-based paint with lead in dust and lead in soil. The surveys also list other potential sources of lead. The scope of this assessment is lead-based paint and associated hazards; however, the Naval Base Charleston Lead Action Summary document does contain a discussion of the other potential sources for lead. For this lead-based paint assessment, the analyses of lead-based paint, lead in dust and lead in soil in residential environments determine the overall lead hazard potential to the residents and workers of FY1965 Housing.

The lead-based paint analysis category of each component is either positive or negative based upon the percentage of positive XRF assay measurements taken for that component community-wide. If the community-wide percentage of a component is zero, the lead-based paint category for the component is negative. A community-wide percentage of ten or greater for a particular component categorizes that component as positive. A community-wide percentage of greater than zero and less than ten, requires further analysis to determine the lead-based paint category for that component. This analysis encompasses statistical comparison of that component with the same and similar components at different levels. The first level of analysis compares the component to similar components in the same functional area. The second level of analysis compares the component to the same component but within all other functional areas. The third and last level compare the component to similar components in all other functional areas.

### LEAD IN PAINT

Thirty-seven of the 113 components analyzed by XRF analysis contain lead. The 37 components represent a total of five different priority levels. Refer to Appendix II - Definitions for an explanation of priority levels. Existing within the five priority levels are two levels of hazard: high and low.

Only one of the 37 lead containing components represents a high hazard. This component is the **Storage 1 Door Jamb**. This component has a hazard ranking of one. Again, refer to Appendix II for an explanation. This component is located in the interior of the units and was found to have minor paint damage, warranting a high priority and hazard ranking.

The remaining 36 lead containing components represent low hazards. These components exist in both interior and exterior locations throughout the units and their surfaces were assessed as intact. Note that any change in paint or substrate condition for these components increases the potential for hazard and the hazard ranking.

Refer to Table II - Prioritization for exact priority level assignments for each component. Differences in priority rankings occur from distinction among mouthable versus non-mouthable surfaces and interior versus exterior locations. Condition of the lead containing surface drives the necessity for short-term action. A complete understanding of the definitions of hazard, hazard potential, and priority levels can be obtained from Appendix II - Definitions.

Appendix III (Table P - Lead in Paint Inspection Summary) provides a composite summary of the inspection results.

#### LEAD IN DUST

Dust sampling for lead in dust was conducted in four of the six units. A total of nine separate samples were taken at each address. Testing site locations included floors, window sills, and window wells in rooms throughout each unit. None of the samples taken were found positive for lead in dust.

Appendix IV (Table D - Lead in Dust Inspection Summary) provides complete inspection results.

#### LEAD IN SOIL

Analysis of soil for lead was conducted at the same addresses as lead in dust analysis took place. Sampling was conducted around foundations, roadsides, vehicle pathways, and play areas. In addition, background samples were taken to determine the pre-existing background lead levels within the community. Background samples yielded a non-existent presence of lead in the community. All other samples taken were analyzed negative by Atomic Absorption Spectroscopy. Lead in soil poses no current hazard and poses no potential for hazard at this time.

Appendix V (Table S - Lead in Soil Inspection Summary) provides complete inspection results.

## RECOMMENDATIONS

The fundamental step in the implementation of any plan to reduce lead hazards is a public relations package. The public relations package should provide general information regarding the lead hazard minimization plan, an approach to implement the plan, and resident education guidance. Lead hazard minimization will include paint surface restoration, tri-sodium phosphate (TSP) cleaning of horizontal surfaces for lead in dust contamination, and mulching to provide groundcover for lead in soil contamination. Initial public awareness meetings with the residents and workers are of utmost importance. The Naval Base Charleston Document Package contains information on this subject.

### LEAD IN PAINT

Assessed components with lead-based paint that have minor to major damage shown in Table 2 pose a hazard to the occupants and workers and require restoration of their painted surfaces. Paint restoration minimizes the lead hazard from these components. Development and implementation of an Operations and Maintenance (O&M) Program for all lead-based paint components is required. Periodic O&M assessment and maintenance will minimize the hazard potential from the components with lead-based paint over the long run versus performing abatement.

### LEAD IN DUST

A lead in dust hazard is not present in FY1965 Housing community at this time; therefore, no action is required. Advise residents to keep up periodic cleaning to maintain the minimal lead in dust hazard potential condition.

### LEAD IN SOIL

A lead in soil hazard is not present in FY1965 Housing community at this time; therefore, no action is required.

### HAZARD MINIMIZATION

A summary of the analysis for lead-based paint components, lead in dust and lead in soil contamination is present in Table 2. Prioritization of these potential hazards is from highest hazard rated first, descending to the least hazardous. Included is the recommended action required and its associated time-frame for implementation.

Short-term (6 - 12 months)

Restore all Storage 1 Door Jambs to an "intact" state. Execution of this paint restoration will reduce this hazard from high to low. Once restored, include this component in the Operations and Maintenance Program. Implement O&M for all lead containing components during this time-frame.

Interim Control

The following steps outline a feasible and cost effective Operations and Maintenance (O&M) Program to manage lead-based paint and lead in dust and soil contamination in place with minimal occupant/worker exposure.

1. Inform/educate the unit occupants, housing manager, and maintenance workers of the lead hazards within the community. The occupants and maintenance workers need to know where the lead-contaminated components are and what to do to protect themselves from its adverse effects. The education process begins with a brief concerning results from the inspections and continues until removal of all the lead paint hazards from the community.
2. As part of the education of the occupants, they should be encouraged to participate in DOD blood lead level screening.
3. Inspect components with a lead hazard at times of unit turn-over for signs of any damaged or deteriorated surfaces.
4. Clean-up all lead-based paint components with Tri-sodium phosphate (TSP) solution or a high phosphate detergent solution at the earliest possible time. All surfaces containing lead-based paint should be in good condition with no flaking, cracking, or peeling paint.
5. Maintain vegetation to cover lead contaminated bare areas of soil.
6. Paint damaged or deteriorated surfaces after cleaning and prepping.
7. Perform dust and soil sampling during change of occupancy, renovation/demolition actions, when findings of a visual inspection warrant it, or when elevated blood-lead levels in a child exist. Utilize the results to inform the housing occupants of any possible hazards, coupled with information that explains mitigation responses. This should/could alleviate community fears and minimize future liability.

Renovation

During upcoming renovation projects, incorporate the recommended abatement action response for all lead-based paint components present in the proposed renovation area. Refer to the ranking scheme provided for the recommended abatement action response and priority for each lead-based paint component. The Occupational Safety and Health Administration (OSHA) regulates the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

Depending upon the scope of the particular renovation project, the overall cost of the project may be reduced by performing additional testing prior to commencing the renovation. The supplemental testing will allow exact specification of individual lead-based paint components per unit that require abatement.

Demolition

During a demolition phase, OSHA standards regulate the occupational lead exposure and define the airborne lead exposure limits for workers. The Resource Conservation and Recovery Act (RCRA) is the basic Federal law governing waste disposal. RCRA distinguishes between solid waste and hazardous waste.

In determining whether a waste is hazardous or non-hazardous, RCRA allows generators of the waste to rely on the results of prior testing or experience, or knowledge of the waste or process generating the waste. Specific waste streams from lead abatement projects such as LBP chips and residue from chemical paint stripping processes are hazardous and must be disposed of in accordance with RCRA requirements. If the RCRA "user knowledge" allowance can not be applied to the solid waste construction debris identified as containing lead utilizing X-Ray Fluorescence (XRF) technology, then testing prior to disposal is required to determine whether the debris is hazardous or non-hazardous. This pre-disposal test for waste is the Toxic Characteristic Leachate Procedure (TCLP).

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
SHORT-TERM					
• Develop and implement an Operations and Maintenance Program.					
Lead in Paint					
1	Storage	1	Door Jamb	Restore Surfaces	O&M until abated.
INTERIM CONTROL					
• Thoroughly inspect and assess all lead-based paint components. Update records and perform any required maintenance and repairs. Perform dust and soil sampling to monitor lead contamination changes. Perform annually or as appropriate during maintenance/service calls.					
RENOVATION					
5	Bathroom	1	Closet Shelf	Replacement	O&M until abated.
5	Bathroom	1	Door Jamb	Replacement	O&M until abated.
5	Bathroom	2	Door Jamb	Replacement	O&M until abated.
5	Bedroom	1	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	1	Door Jamb	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door Jamb	Replacement	O&M until abated.
5	Bedroom	2	Sliding Door	Replacement	O&M until abated.
5	Bedroom	3	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	3	Door Jamb	Replacement	O&M until abated.
5	Bedroom	4	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	4	Door Jamb	Replacement	O&M until abated.
5	Hallway	1	Closet Shelf	Replacement	O&M until abated.
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Hallway	2	Closet Shelf	Replacement	O&M until abated.
5	Hallway	2	Door Jamb	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Kitchen	1	Door Jamb	Replacement	O&M until abated.
5	Living	1	Closet Shelf	Replacement	O&M until abated.
5	Living	1	Door Jamb	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Door Jamb	Replacement	O&M until abated.
5	Porch	1	Door Jamb	Replacement	O&M until abated.
5	Storage	1	Door	Replacement	O&M until abated.
5	Storage	1	Door Jamb	Replacement	O&M until abated.
5	Storage	2	Trim	Replacement	O&M until abated.
6	Porch	1	Ceiling	Encapsulation	O&M until abated.
6	Storage	1	Ceiling	Encapsulation	O&M until abated.
6	Storage	2	Ceiling	Encapsulation	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door Jamb	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Garage/carport	1	Column	Paint Removal	O&M until abated.
7	Garage/carport	1	Support Column	Paint Removal	O&M until abated.
8	Exterior	1	Ceiling	Encapsulation	O&M until abated.
8	Exterior	1	Facia	Enclosure	O&M until abated.
8	Exterior	1	Soffit	Enclosure	O&M until abated.
8	Garage/carport	1	Ceiling	Encapsulation	O&M until abated.

## DEMOLITION

- Perform TCLP testing of demolition wastestream. Maintain Personal Protective Equipment (PPE) as required during demolition activities. Adhere to local/state guidelines for waste disposal requirements.

<sup>1</sup>Priority ranks those components with the highest hazard potential first down to the least hazardous potential.

<sup>2</sup>See Floor Plans - Appendix I.

\* Restore; includes prep, clean, and painting of existing surfaces.

COST ESTIMATES

The short-term and interim scope costs (for budget purposes only) given in Table 3 include direct and indirect labor costs, direct and indirect material costs, and contractors' overhead and profit for each job. Appendix VI provides cost estimate details for quantity justifications.

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
SHORT-TERM							
Lead in Paint							
Storage	1	Door Jamb	Restore Surfaces	6	EA	\$ 16.50	\$ 99.00
<b>Subtotal</b>							\$ 99.00
SIOH and Bond - 8% of Subtotal							\$ 7.92
Contingency - 5% of Subtotal							\$ 4.95
<b>Total</b>							\$ 111.87
One-time Activity Cost							
<b>Subtotal</b>							\$ 6,800.00
SIOH and Bond - 8% of Subtotal							\$ 544.00
Contingency - 5% of Subtotal							\$ 340.00
<b>Total</b>							\$ 7,684.00

Table 3 - Cost Estimates

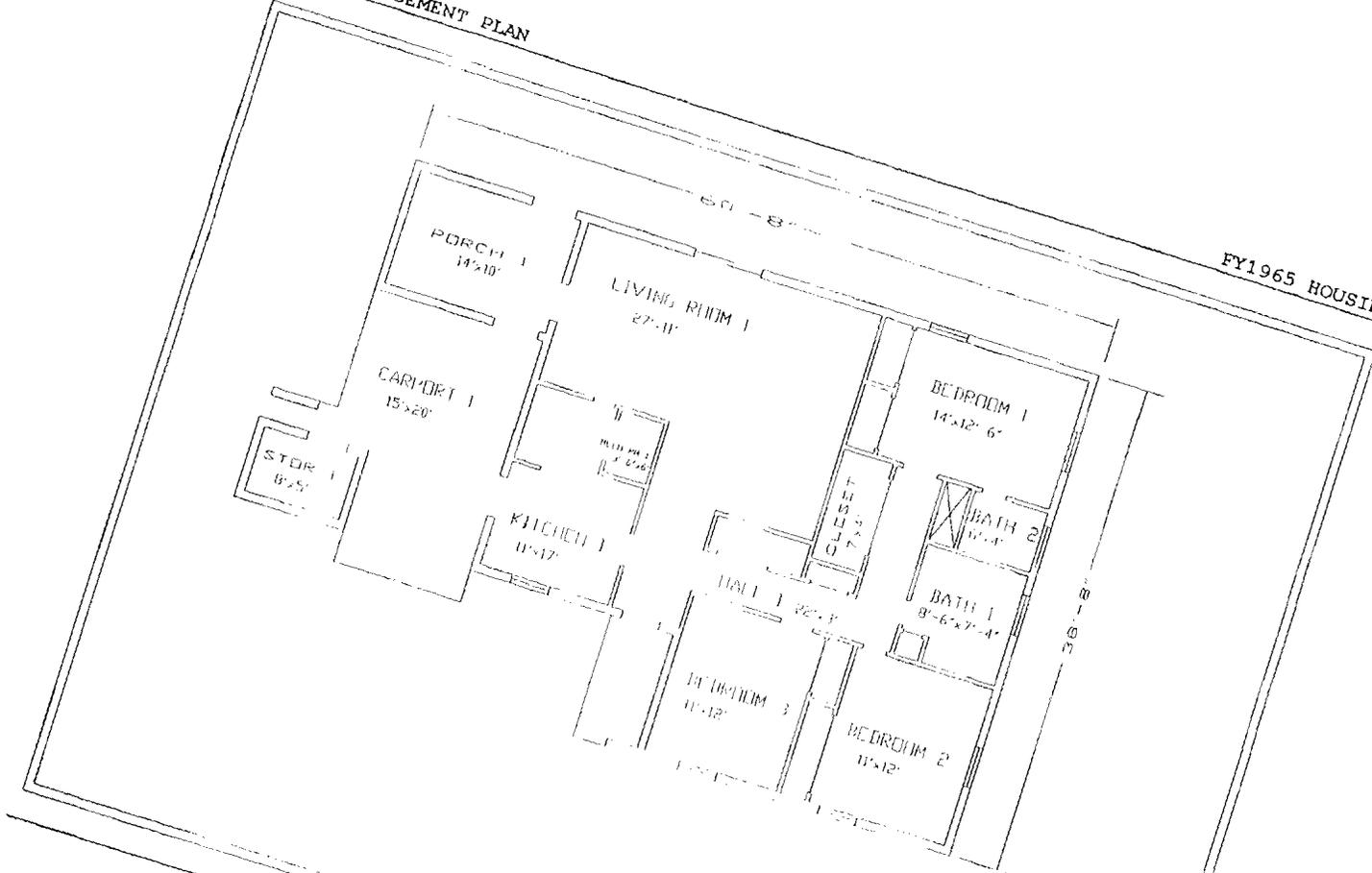
Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
INTERIM CONTROL							
Annual Community Cost							
Subtotal							\$ 1,033.50
SIOH and Bond - 8% of Subtotal							\$ 82.68
Contingency - 5% of Subtotal							\$ 51.68
Total							\$ 1,167.86

# APPENDIX I

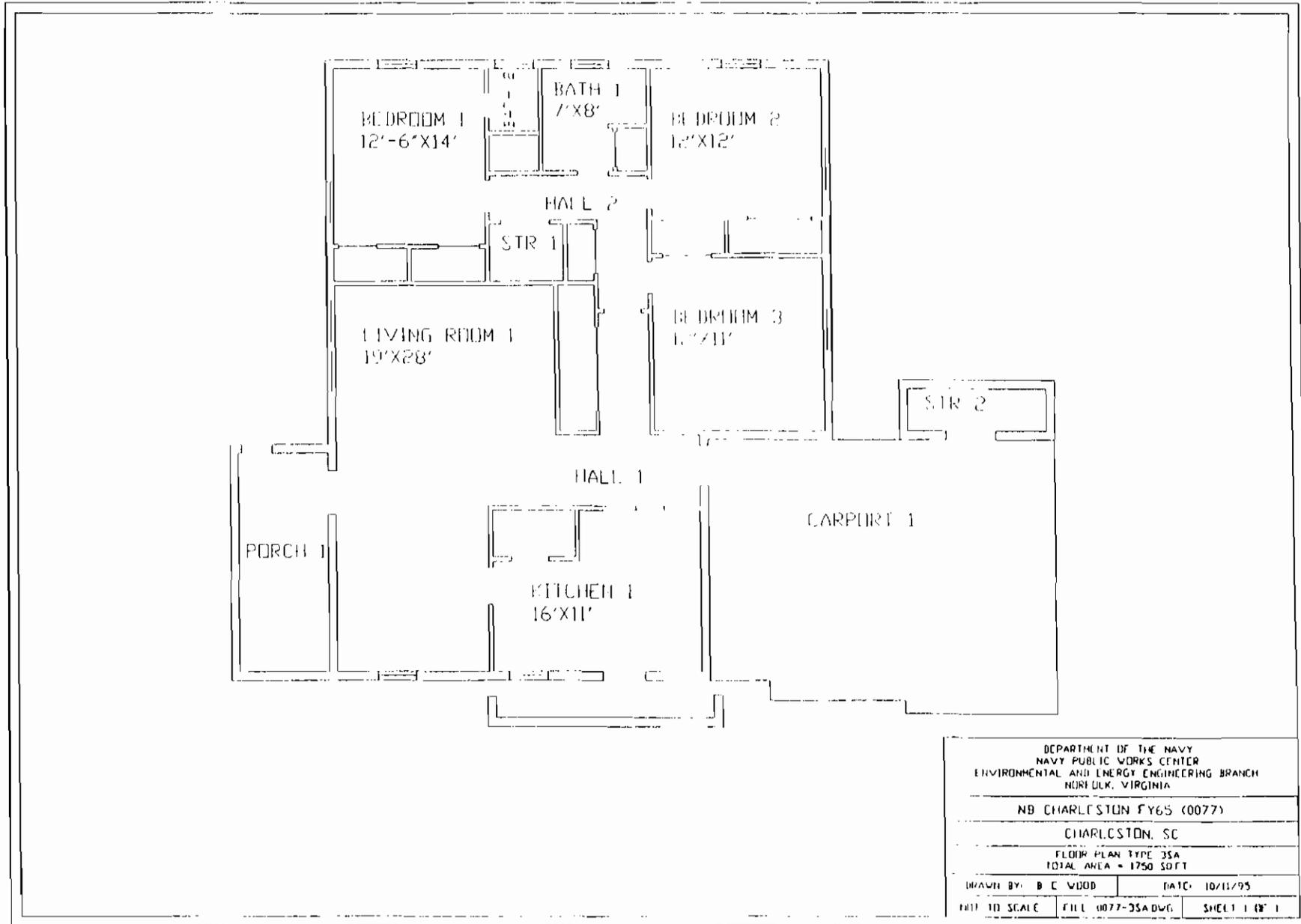
## FLOOR PLANS

LEAD MANAGEMENT PLAN

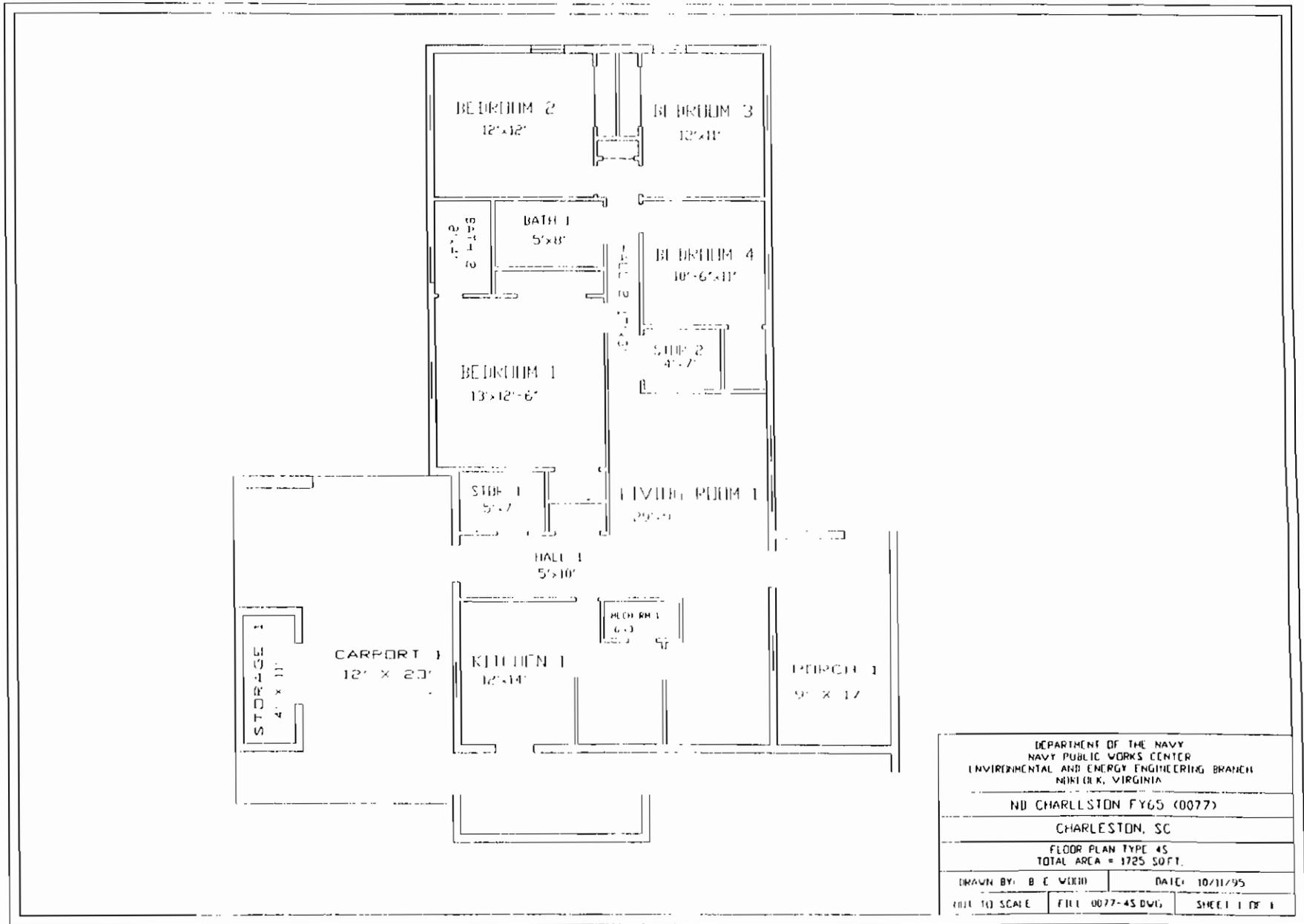
FY1965 HOUSING

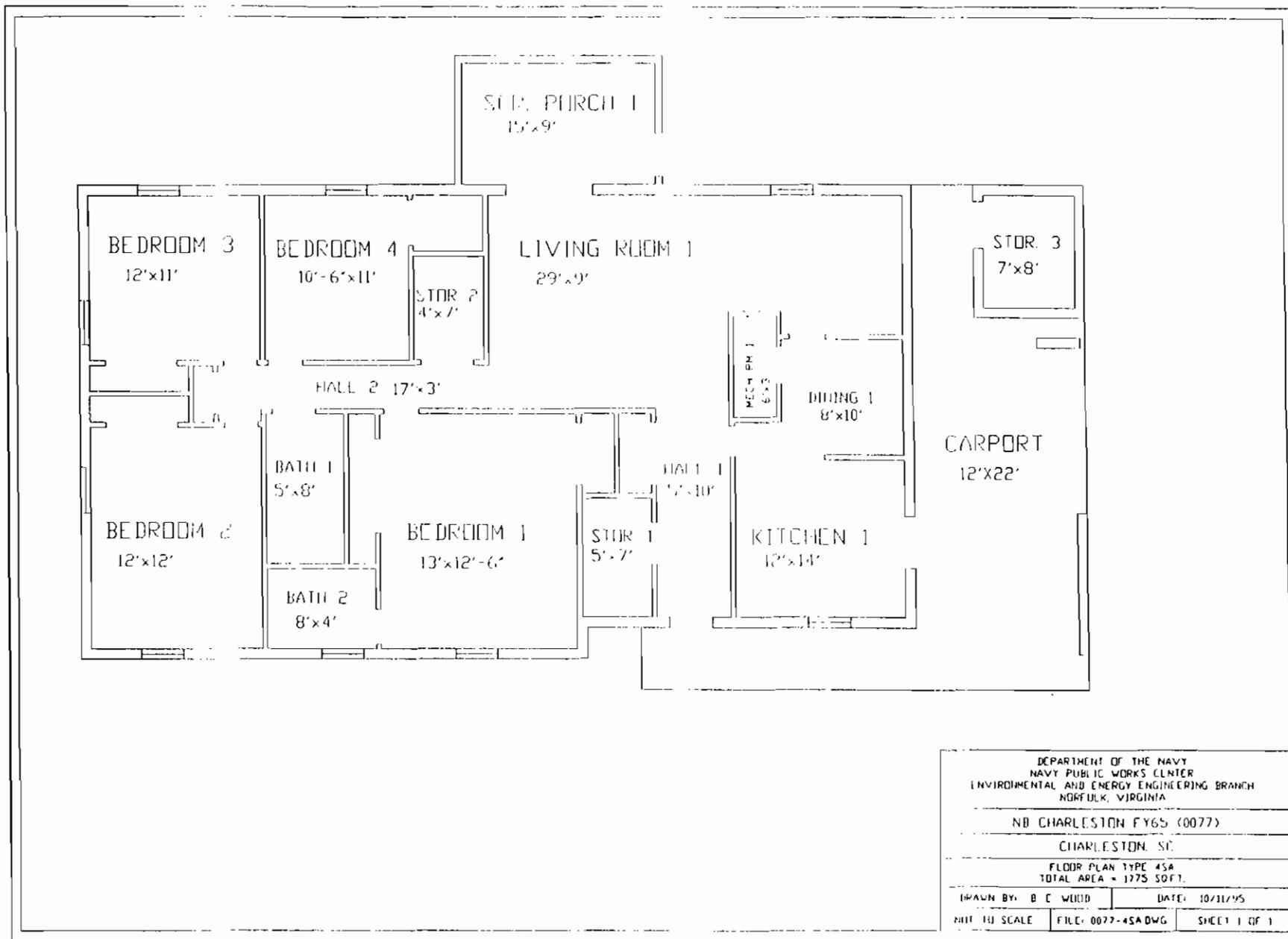


DEPARTMENT OF THE NAVY			
NAVY PUBLIC WORKS CENTER			
NINETEEN VIRGINIA			
NB CHARLESTON, FY65 (0077)			
CHARLESTON, SC			
FLOOR PLAN TYPE 35			
IDIAL AREA - 210 SQT			
DRAWN BY: B. C. WIND	DATE: 10/21/55		
FILE NO: 6077-330V1	SHEET 1 OF 1		



DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER ENVIRONMENTAL AND ENERGY ENGINEERING BRANCH NORFOLK, VIRGINIA		
NB CHARLESTON FY65 (0077)		
CHARLESTON, SC		
FLOOR PLAN TYPE 35A TOTAL AREA = 1750 SQ FT		
DRAWN BY: B E WOOD	DATE: 10/11/95	
NOT TO SCALE	FILL 0077-35ADWG	SHEET 1 OF 1





DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER ENVIRONMENTAL AND ENERGY ENGINEERING BRANCH NORFOLK, VIRGINIA		
NO CHARLESTON FY65 (0077)		
CHARLESTON, SC		
FLOOR PLAN TYPE 45A TOTAL AREA = 1775 SQFT.		
DRAWN BY: B E WOOD	DATE: 10/11/65	
UNIT 1/3 SCALE	FILE: 0077-45ADWG	SHEET 1 OF 1

# APPENDIX II

## DEFINITIONS

**Abatement** - Any set of measures designed to permanently eliminate lead-based paint hazards in accordance with standards established by the administration under Title IV of TSCA. Includes preparation, cleanup, disposal, and post-abatement clearance testing activities associated with such measures.

**Action Levels (Per HUD/EPA Guidelines):**

- Lead-based paint - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.
- Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).
- Lead in soil - < 400 ppm\* - no action necessary  
400 -5000 ppm\* - interim controls  
> 5000 ppm\* - abatement necessary  
\*parts per million (ppm)

**Abatement Options:**

- Encapsulation - Resurfacing or covering surfaces and sealing or caulking with durable materials to prevent or control chalking or flaking lead-containing substances from becoming part of house dust or accessible to children.
- Enclosure - Construction of a containment structure or wall to minimize the potential contact with hazards. Use drywall, plywood, vinyl siding and trim, etc.
- Removal - The process of removing the lead-based paint from the component by means of chemicals, scraping, heat, or blasting. Not recommended in most cases.
- Replacement - Strategy of abatement that entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components, free of lead paint. Cost of replacement may be incidental to ongoing renovation efforts (i.e., replacement of windows eliminates primary LBP hazard source, improves buildings energy performance, increases occupant comfort level, and reduces maintenance costs).
- Operations and Maintenance (O&M) - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Action Response Time-frame:**

- Short-term Response - Perform hazard minimization action specified per lead-based paint component and lead-contaminated dust/soil situation within 6-12 months.
- Interim Control - Measures that mitigate the hazard until permanent abatement occurs.
- Renovation - Abate specified lead-based paint and lead-contaminated dust/soil, as numerically prioritized, during future renovation projects.
- Demolition - Adhere to city/state guidelines and regulations for waste disposal.

**Blood Lead Levels** - A measure of the concentration of lead in whole blood, typically expressed in micrograms of lead per deciliter ( $\mu\text{g}/\text{dl}$ ). It indicates the amount of lead circulating in the bloodstream and is the best initial measurement to evaluate lead exposure. A multitier classification of blood lead levels established by the Centers for Disease Control (CDC) defines lead poisoning.

**Blood Lead Level Screening** - A program by the Centers for Disease Control (CDC) recommends that all children 6 years of age and younger be evaluated for lead exposure and tested for blood lead levels when appropriate. Preventing Lead Poisoning in Young Children: a statement by the Centers for Disease Control details the provisions of this screening program.

**Certified Inspector** - A person who has completed a training program certified by the appropriate Federal agency and has met any other requirements for certification or licensing established by such agency.

**Community Number** - Navy Family Housing community name and numerical designation provided by PWC Norfolk, Virginia for program management.

**Friction Surface** - An interior or exterior surface that is subject to abrasion or friction, including certain window, floor, and stair surfaces.

**Hazard Potential** - Quantitative assessment that involves the use of a hazard rating system to evaluate the potential hazard from lead. It includes the following parameters:

- Lead in paint content
- Paint condition
- Location of LBP component (interior/exterior)
- Surface mouthable or non-mouthable
- Lead in dust contamination
- Lead in soil contamination
- Lead in water contamination
- Children with elevated blood lead levels
- Building use

The hazard potential is given in the follow terms:

- High - A potentially hazardous situation exists in the community and a potential health risk to the to residents is present.
- Moderate - A potentially hazardous situation exists in the community and a potential health risk to the to residents may be present.
- Low - LBP components evaluated to be a minor health risk.

**Hazard Priority Levels** - Prioritization of hazard potential categories with recommended action response.

- Level 1 (High Hazard Potential) - Interior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 2 (High Hazard Potential) - Interior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 3 (Moderate Hazard Potential) - Exterior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 4 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 5 (Low Hazard Potential) - Interior and mouthable LBP component in good condition. Recommended action response is O&M.

- Level 6 (Low Hazard Potential) - Interior and non-mouthable LBP component in good condition. Recommended action response is O&M.
- Level 7 (Moderate Hazard Potential) - Exterior and mouthable LBP component in good condition. Recommended action response is O&M.
- Level 8 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component in good condition. Recommended action response is O&M.

**Homogenous** - A grouping of housing units built at the same time utilizing similar materials.

**Impact Surface** - An interior or exterior surface that is subject to damage by repeated impacts, for example, certain parts of door frames.

**Interim Controls** - A set of measures designed to reduce temporarily human exposure or likely exposure to lead-based paint hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of lead-based paint hazards or potential hazards, and the establishment and operation of management and resident education programs.

**Lead-based Paint (LBP)** - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.

**Lead-based Paint Hazard** - Any condition that causes exposure to lead from lead-contaminated dust, lead-contaminated soil, lead-based paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects as established by the appropriate Federal agency.

**Lead Containing Paint** - Dry paint film that contains more than 600 ppm lead as determined by laboratory analysis. A term established by the Consumer Products Safety Commission in 1972 as a limit of 5000 ppm lead content in new residential paint and revised in 1978 to the current standard.

**Lead-contaminated Dust** - Surface dust in residential dwellings that contains a concentration (mass/area) of lead in excess of levels determined by the appropriate Federal agency to pose a threat of adverse health effects in pregnant women or young children.

**Lead in dust** - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).

**Lead-contaminated Soil** - Bare soil on residential real property that contains lead at or in excess of the levels determined to be hazardous to human health by the appropriate Federal agency.

Lead in soil - < 400 ppm\* - no action necessary  
 400 -5000 ppm\* - interim controls  
 > 5000 ppm\* - abatement necessary  
 \*parts per million (ppm)

**Mitigation** - Any action taken to reduce or minimize the potential hazards of lead-based paint.

**Mouthable** - An interior or exterior surface that is accessible for a young child to mouth or chew.

**Non-homogenous** - Housing units built at different times using different materials.

**Non-mouthable** - An interior or exterior surface that is not accessible for a young child to mouth or chew.

**Operations and Maintenance (O&M)** - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Operations and Maintenance (O&M) Cost Factor** - A multiplier for calculating annual O&M costs derived from the time estimated for LBP component surveillance and record keeping.

# Positive LBP Components	Surveillance (time per unit)	Record Keeping (time per unit)	O&M Annual Cost Factor (time per unit)	O&M Cost per unit per year (based on \$50.00 per hour labor)
1 to 30	0.50	1.00	1.50	\$ 75.00
31 to 60	0.75	1.50	2.25	\$112.50
61 to 90	1.00	2.00	3.00	\$150.00
91 to 120	1.25	2.50	3.75	\$187.50
120 +	1.25	3.00	4.25	\$212.50

**Paint Conditions:**

- Chalking (C) - A film picked-up by touching the surface.
- Intact (I) - No damage (0%).
- Major Damage (MJR) - Flaking, peeling, blistering of 35% or more of the surface area (greater than 35%).
- MFG Finish (MFG) - Factory painted (i.e., range exhaust, storm doors, cabinets).
- Minor Damage (MNR) - Flaking, peeling, blistering of less than 35% of the surface area (less than 35%).
- Not Painted (NP) - No paint (i.e., bare wood, vinyl/metal siding).
- Varnish/Stain (VS) - Any stain, varnish, polyurethane application to the surface.

**Substrate Condition:**

- Good (G) - No damage.
- Fair (F) - Rot, missing substrate of the surface area.
- Poor (P) - Rot, missing substrate of the surface area.

**Toxic Characteristic Leachate Procedure (TCLP)** - A laboratory testing procedure to determine the presence of hazardous constituents in sample.

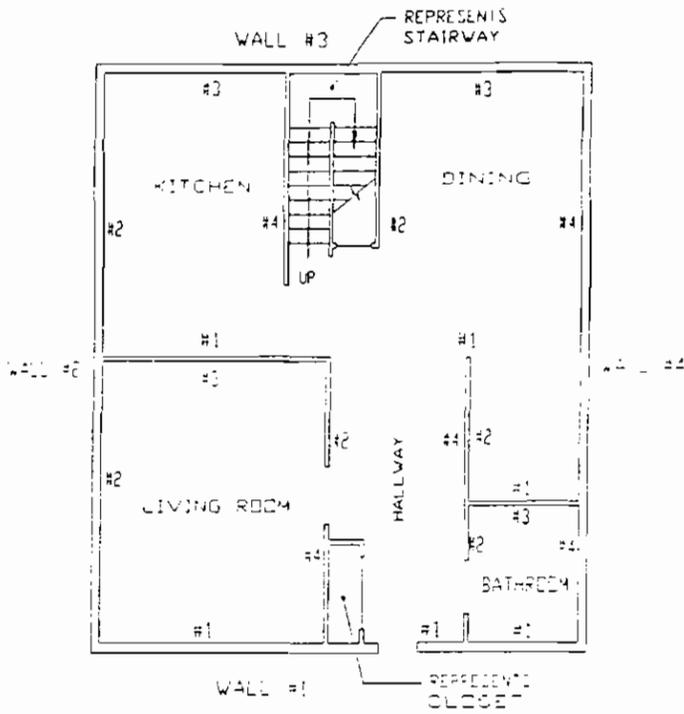
**TSP** - Tri-sodium phosphate solution diluted in water.

**UIC Number** - An alpha-numeric code assigned by DOD to represent each Activity/Command.

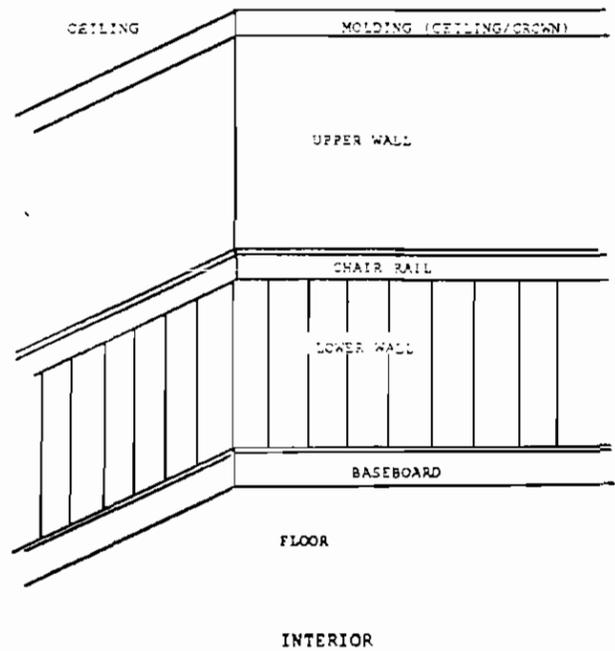
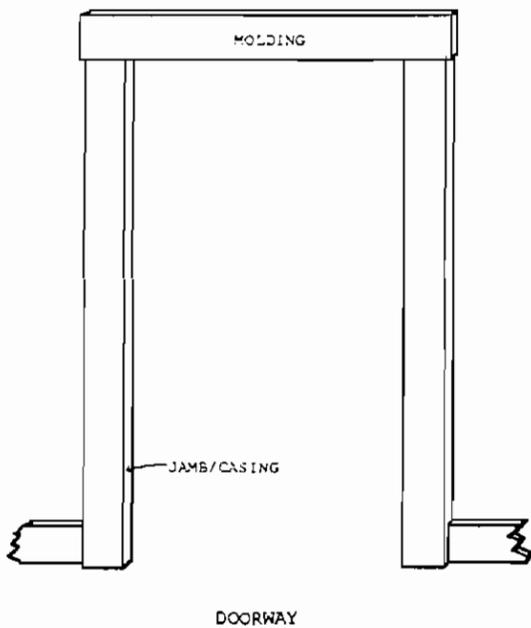
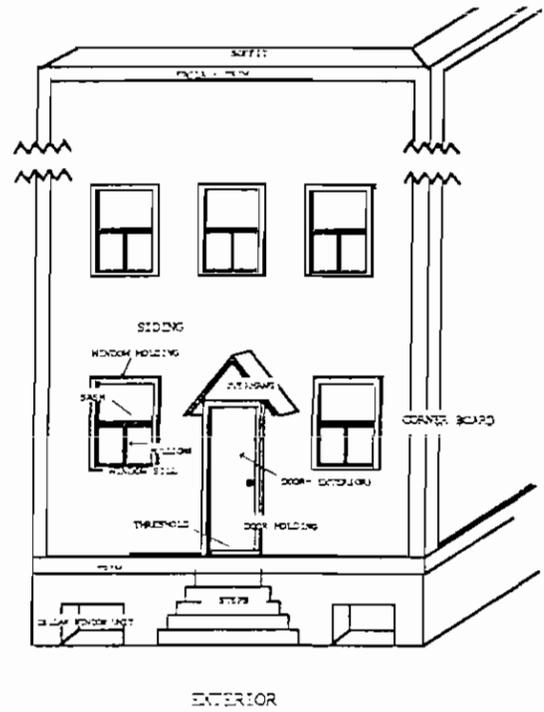
**Unit Number** - A numerical designation used by PWC Norfolk, Virginia to allow for accountability of units within an inspected community; used for project management.

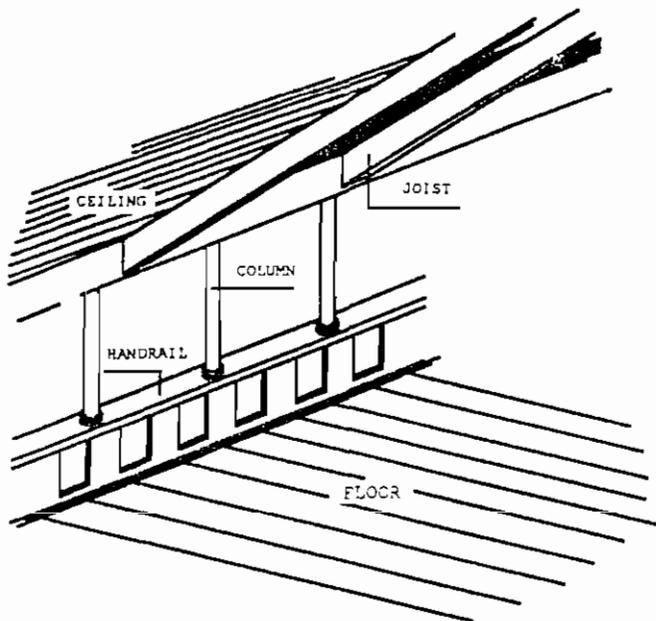
**X-ray Fluorescent Spectrum Analyzer (XRF)** - An instrument that determines lead concentrations in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of X-ray fluorescence. This type of analyzer provides the operator with a plot of energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

**Note:** The following pages contain pictorial representations of wall/room designations and component descriptions.

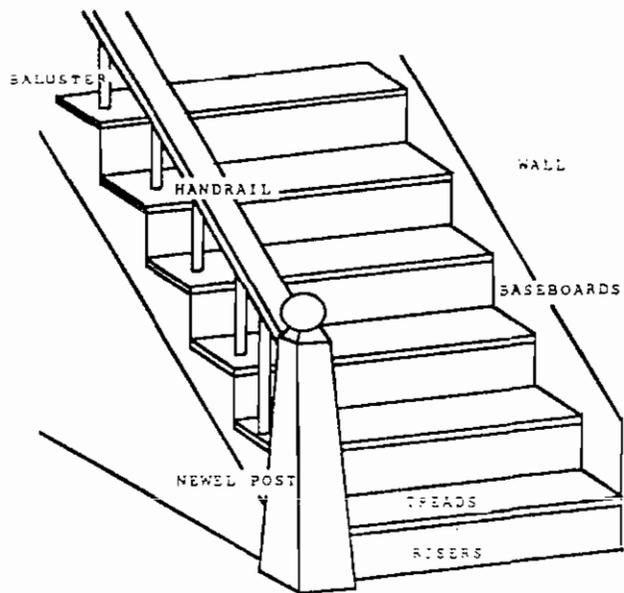


WALL NUMBERING SCHEME

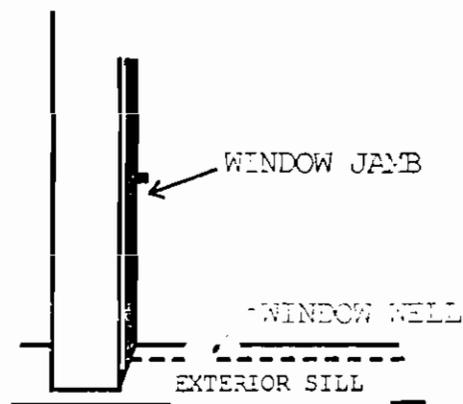
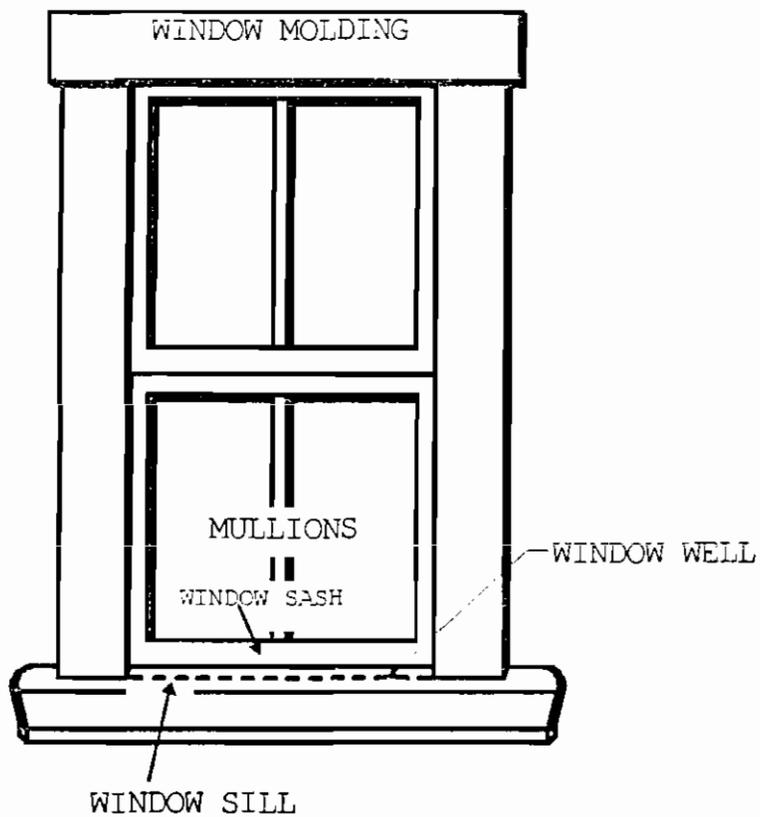




PORCH/SUNROOM



STAIRWAY



WINDOW

# APPENDIX III

## LEAD IN PAINT INSPECTION SUMMARY

Table P - Lead in Paint Inspection Results

*(Composite Summary of all Inspected Units)*

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Closet Door	0	I	0	Y	Wood
Bathroom	1	Closet Shelf	100	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Jamb	100	I	0	Y	Metal
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	1	Window Sill	0	I	0	Y	Metal
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Jamb	50	I	0	Y	Metal
Bathroom	2	Door Molding	0	I	0	Y	Metal
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	2	Window Sill	0	I	0	Y	Metal
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Closet Shelf	75	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Jamb	50	I	0	Y	Metal
Bedroom	1	Sliding Door	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Jamb	0	I	0	Y	Wood
Bedroom	1	Window Molding	0	I	0	Y	Wood
Bedroom	1	Window Sill	0	I	0	Y	Metal
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Closet Shelf	75	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door Jamb	33	I	0	Y	Metal
Bedroom	2	Sliding Door	20	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Molding	0	I	0	Y	Wood
Bedroom	2	Window Sill	0	I	0	Y	Metal
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	50	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Jamb	50	I	0	Y	Metal
Bedroom	3	Door Molding	0	I	0	Y	Metal
Bedroom	3	Sliding Door	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Metal
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Closet Door	0	I	0	Y	Wood
Bedroom	4	Closet Shelf	100	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Jamb	100	I	0	Y	Metal
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sill	0	I	0	Y	Metal
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Molding	0	I	0	Y	Wood
Exterior	1	Ceiling	100	I	0	F	Wood
Exterior	1	Door	33	I	0	Y	Wood
Exterior	1	Door Jamb	33	I	0	Y	Wood
Exterior	1	Facia	66	I	0	Y	Wood
Exterior	1	Gate	0	I	0	Y	Wood
Exterior	1	Screen Door	0	I	0	Y	Wood
Exterior	1	Soffit	50	I	0	Y	Wood
Exterior	1	Trim	66	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Cinder Blk
Exterior	1	Wall (lower)	0	I	0	Y	Wood
Garage/carport	1	Ceiling	75	I	0	F	Wood
Garage/carport	1	Column	100	I	0	Y	Wood
Garage/carport	1	Support Column	100	I	0	Y	Metal
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	75	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Door Jamb	0	I	0	Y	Metal
Hallway	1	Door-ext.	33	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>1</sup>	Paint Condition	% Damage <sup>1</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Closet Shelf	100	I	0	Y	Wood
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Door Jamb	66	I	0	Y	Metal
Hallway	2	Sliding Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Door	0	I	0	Y	Wood
Kitchen	1	Door Jamb	75	I	0	Y	Metal
Kitchen	1	Door-ext.	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Molding	0	I	0	Y	Wood
Kitchen	1	Window Sill	0	I	0	Y	Metal
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Closet Door	0	I	0	Y	Wood
Living	1	Closet Shelf	50	I	0	Y	Wood
Living	1	Door	0	I	0	Y	Wood
Living	1	Door Jamb	33	I	0	Y	Metal
Living	1	Door-ext.	0	I	0	Y	Wood
Living	1	Sliding Door	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	75	I	0	Y	Wood
Mechanical	1	Door	0	I	0	Y	Wood
Mechanical	1	Door Jamb	100	I	0	Y	Metal
Porch	1	Ceiling	75	I	0	F	Wood
Porch	1	Column	0	I	0	Y	Wood
Porch	1	Door	0	I	0	Y	Wood
Porch	1	Door Jamb	100	I	0	Y	Wood
Porch	1	Door-ext.	0	I	0	Y	Wood
Porch	1	Wall (lower)	0	I	0	Y	Wood
Porch	1	Window Molding	0	I	0	Y	Wood

**Table P - Lead in Paint Inspection Results**  
*(Composite Summary of all Inspected Units)*

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	1	Window Sill	0	I	0	Y	Metal
Storage	1	Ceiling	25	I	0	F	Wood
Storage	1	Door	50	I	0	Y	Wood
Storage	1	Door Jamb	66	MNR	33	Y	Wood
Storage	1	Door-ext.	0	I	0	Y	Wood
Storage	2	Attic Door	0	I	0	Y	Wood
Storage	2	Ceiling	100	I	0	F	Wood
Storage	2	Closet Shelf	0	I	0	Y	Wood
Storage	2	Trim	100	I	0	Y	Wood

<sup>1, 2</sup> See Floor Plans - Appendix I.

<sup>3</sup> Corresponds to the percentage of components in the community that are positive.

<sup>4</sup> Corresponds to the percentage of damaged components in the community.

<sup>5, 6</sup> See Definitions - Appendix II.

# APPENDIX IV

## LEAD IN DUST INSPECTION SUMMARY

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1468 Hobson Ave	1	Living	1	Window Sill	Wood	G	I	41	N
1468 Hobson Ave	1	Living	1	Floor	Floor Tile	G	NP	13	N
1468 Hobson Ave	1	Kitchen	1	Window Sill	Wood	G	I	35	N
1468 Hobson Ave	1	Kitchen	1	Floor	Linoleum	G	NP	14	N
1468 Hobson Ave	1	Bedroom	2	Window Sill	Wood	G	I	26	N
1468 Hobson Ave	1	Bedroom	2	Floor	Floor Tile	G	NP	13	N
1468 Hobson Ave	1	Bedroom	3	Window Sill	Wood	G	I	26	N
1468 Hobson Ave	1	Bedroom	3	Floor	Floor Tile	G	NP	13	N
170 Turnbull Ave	3	Living	1	Window Sill	Wood	G	I	52	N
170 Turnbull Ave	3	Living	1	Floor	Floor Tile	G	NP	13	N
170 Turnbull Ave	3	Kitchen	1	Window Sill	Wood	G	I	26	N
170 Turnbull Ave	3	Kitchen	1	Floor	Linoleum	G	NP	13	N
170 Turnbull Ave	3	Bedroom	3	Window Sill	Wood	G	I	27	N
170 Turnbull Ave	3	Bedroom	3	Floor	Floor Tile	G	NP	13	N
170 Turnbull Ave	3	Bedroom	2	Window Sill	Wood	G	I	26	N
170 Turnbull Ave	3	Bedroom	2	Floor	Floor Tile	G	NP	13	N
190 Turnbull Ave	5	Living	1	Window Sill	Wood	G	I	10	N
190 Turnbull Ave	5	Living	1	Floor	Floor Tile	G	NP	25	N
190 Turnbull Ave	5	Kitchen	1	Window Sill	Wood	G	I	29	N
190 Turnbull Ave	5	Kitchen	1	Floor	Linoleum	G	NP	25	N
190 Turnbull Ave	5	Bedroom	4	Window Sill	Wood	G	I	34	N
190 Turnbull Ave	5	Bedroom	4	Floor	Floor Tile	G	NP	25	N
190 Turnbull Ave	5	Bedroom	3	Window Sill	Wood	G	I	26	N
190 Turnbull Ave	5	Bedroom	3	Floor	Floor Tile	G	NP	25	N
97 Navy Way	6	Living	1	Window Sill	Wood	G	I	41	N
97 Navy Way	6	Living	1	Floor	Floor Tile	G	NP	13	N
97 Navy Way	6	Kitchen	1	Window Sill	Wood	G	I	43	N
97 Navy Way	6	Kitchen	1	Floor	Linoleum	G	NP	13	N
97 Navy Way	6	Bedroom	2	Window Sill	Wood	G	I	21	N
97 Navy Way	6	Bedroom	2	Floor	Floor Tile	G	NP	13	N
97 Navy Way	6	Bedroom	3	Window Sill	Wood	G	F	27	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
97 Navy Way	6	Bedroom	3	Floor	Floor Tile	G	NP	13	N

1, 4, 5, 6 See Definitions - Appendix II.

2, 3 See Floor Plans - Appendix I.

# APPENDIX V

## LEAD IN SOIL INSPECTION SUMMARY

# APPENDIX VI

## COST ESTIMATE DETAILS

## INTERIM CONTROL

The O&M Program includes the following items:

### One-time Activity Cost\*

Notification - Each for housing staff, maintenance, and occupants. (4 hrs) (\$50/hr) (3 people)	\$ 600.00
Controls and Work Practices - Training maintenance personnel. (8 hrs) (\$50/hr) (4 people) + (4 people) (\$500 tuition)	\$ 3,600.00
Training - Housing office personnel trained. (16 hrs) (\$50/hr) (2 people) + (2 people) (\$500 tuition)	\$ 2,600.00
<b>TOTAL ONE-TIME ACTIVITY COST</b>	<b>\$ 6,800.00</b>

\* Actual costs will be a function of personnel needs/availability, housing staff structure, and the quantity and characteristics of the housing units.

### Annual Community Cost

**O&M Surveillance and Record Keeping** - Assessment and management of LBP components. The assessment includes the annual evaluation of each LBP component to determine condition, damage type, and potential for disturbance. Management of LBP components includes the time to record the surveillance information for the component into a lead file, establishing a work permit system to determine when operations/activities may disturb the components creating dust, document changes in condition/repairs/removal of the LBP component, and maintain training records. This cost estimate utilizes a cost factor based on the number of LBP components per homogenous community. FY1965 Housing has 37 LBP components.<sup>1</sup>

(LBP cost factor<sup>2</sup>) (\$50/hr) (total units<sup>3</sup>) \$ 13.50

**Dust and Soil Testing** - Random unit testing in accordance with HUD guidelines and sampling protocol. The O&M program requires annual dust and soil until the hazard is no longer present.

[(12 samples) (\$10 per analysis) + (1 hr) (\$50/hr)] (6 units<sup>3</sup>) \$ 1,020.00

**TOTAL ANNUAL COMMUNITY COST** **\$ 1,033.50**

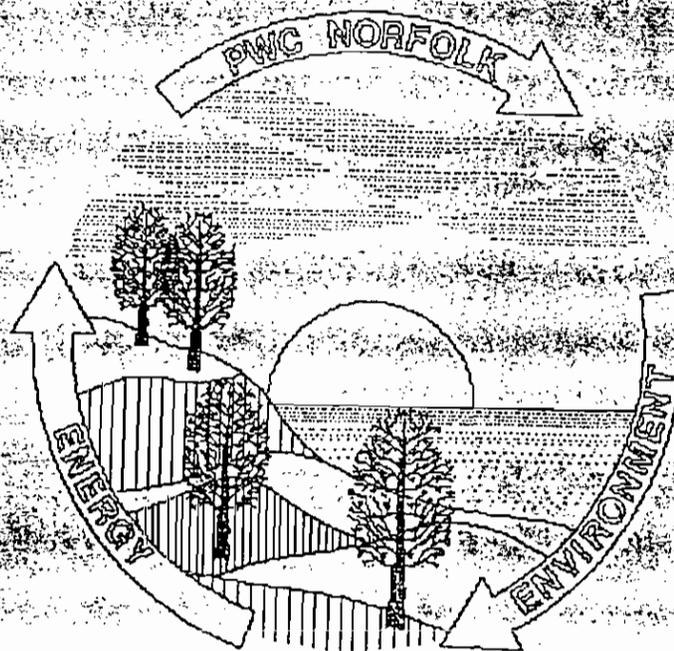
<sup>1</sup> See Appendix III - Lead in Paint Inspection Summary for listing of positive LBP components.

<sup>2</sup> See Appendix II - Definitions

<sup>3</sup> See Table 1 Inspection Parameters

# LEAD MANAGEMENT PLAN

OFFICER SINGLE FAMILY HOUSING  
NAVAL BASE CHARLESTON  
CHARLESTON, SOUTH CAROLINA



Department of the NAVY  
NAVY Public Works Center  
Energy/Environmental Engineering Branch, Code 414  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095

JANUARY 1996

**NOTE:** This document is intended to be a working management plan for Officer Single Family Housing Community. Refer to the Activity Action Summary provided for all pertinent program information.

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**A special thanks** to the housing staff at Officer Single Family Housing Community who assisted PWC - Norfolk, Virginia in completing their project efficiently.

## COMMUNITY DESCRIPTION

A summary of Officer Single Family Housing Community inspection is below in Table 1. Provided in Appendix I are vicinity and community maps along with a listing of the housing units inspected.

- Community Number: 0055<sup>1</sup>
- Activity UIC Number: N00193<sup>1</sup>
- Inspection Dates: May 1994 - June 1994<sup>1</sup>

TABLE 1 - Inspection Parameters							
Housing Type	Square Footage	Total # of Units	# of Units Inspected for Lead in			Floor Plan Type <sup>2</sup>	Year(s) of Construction
			Paint	Dust	Soil		
100 Navy Way							
6 Bedrooms	7388	1	1	1	1	TYPE1	1905
200 Navy Way							
4 Bedrooms	3952	1	1	1	1	TYPE2	1905
300 Navy Way							
6 Bedrooms	6451	1	1	1	1	TYPE3	1908
1600 Hobson Avenue							
6 Bedrooms	6151	1	1	1	1	TYPE4	1903
99 Navy Way							
5 Bedrooms	5526	1	1	1	1	TYPE5	1942
98 Navy Way							
3 Bedrooms	3983	1	1	1	1	TYPE6	1898
96 Navy Way							
5 Bedrooms	4524	1	1	1	1	TYPE7	1905
311 Turnbull Avenue							
4 Bedrooms	2624	1	1	1	1	TYPE8	1917
150/152/1485/1505/1565/1599 Turnbull Avenue & 160/161 Everglades Drive							
5 Bedrooms	4871	8	7	7	8	TYPE9	1937-1938
1510/1516 Hobson Avenue							
4 Bedrooms	4486	2	2	2	2	TYPE10	1943
1451/1463 Avenue H							
4 Bedrooms	3055	2	2	2	2	TYPE11	1919
1303/1309 Avenue H							
3 Bedrooms	2048	2	2	2	2	TYPE12	1969
774 Marine Avenue							
4 Bedrooms	1994	1	1	1	1	TYPE13	1974

TABLE 1 - Inspection Parameters

Housing Type	Square Footage	Total # of Units	# of Units Inspected for Lead in			Floor Plan Type <sup>2</sup>	Year(s) of Construction
			Paint	Dust	Soil		
778 Marine Avenue							
5 Bedrooms	1994	1	1	1	1	TYPE14	1974
Totals	102,733	24	23	22	23		

<sup>1</sup> See Definitions - Appendix II.

<sup>2</sup> See Floor Plans - Appendix I.

## FINDINGS AND ANALYSIS

The primary objective of the lead assessment of Officer Single Family Housing is to determine if potential lead-based paint hazard exist in the community and recommend methods to minimize all confirmed hazards. The Department of Housing and Urban Development (HUD) Guidelines outline the general scheme applied for the assessment testing protocol.

HUD surveys indicate that lead in dust is the major route for lead exposure for children. Lead in dust is primarily the result of deteriorating lead-based paint. Soil contaminated with lead from weathering, chalking, and deterioration of exterior lead-based paint can contribute to the dwelling's interior lead in dust levels by being tracked into living areas. The HUD surveys confirm a relationship between the presence of lead-based paint with lead in dust and lead in soil. The surveys also list other potential sources of lead. The scope of this assessment is lead-based paint and associated hazards; however, the Naval Base Charleston Lead Action Summary document does contain a discussion of the other potential sources for lead. For this lead-based paint assessment, the analyses of lead-based paint, lead in dust and lead in soil in residential environments determine the overall lead hazard potential to the residents and workers of Officer Single Family Housing.

The lead-based paint analysis category of each component is either positive or negative based upon the percentage of positive XRF assay measurements taken for that component community-wide. If the community-wide percentage of a component is zero, the lead-based paint category for the component is negative. A community-wide percentage of ten or greater for a particular component categorizes that component as positive. A community-wide percentage of greater than zero and less than ten, requires further analysis to determine the lead-based paint category for that component. This analysis encompasses statistical comparison of that component with the same and similar components at different levels. The first level of analysis compares the component to similar components in the same functional area. The second level of analysis compares the component to the same component but within all other functional areas. The third and last level compare the component to similar components in all other functional areas.

**LEAD IN PAINT**

A total of twenty-three units were inspected in the community. A single dwelling, 1599 Turnbull Avenue, was not inspected. The community is characterized by the presence of lead-based paint on at least half of all painted surfaces. In general, the paint condition was good but there were exceptions at the time of assessment. A unit-by-unit breakdown of findings is provided. Refer to Appendix II - Definitions for explanation of priority rankings and hazard levels.

**100 Navy Way**

A total of 163 of 244 XRF shots taken during assessment found lead in paint. This number represents 67% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of five components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**200 Navy Way**

A total of 25 of 130 XRF shots taken during assessment found lead in paint. This number represents 19% of all representative components existing within the interior and exterior of the house. The location of the LBP can somewhat be characterized by location. LBP located in the interior of the house was generally associated with windows or door frames. Refer to Appendix III for complete paint inspection results.

A total of one component was found to have both lead-based paint and a damaged surface. This component represents a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**300 Navy Way**

A total of 101 of 138 XRF shots taken during assessment found lead in paint. This number represents 73% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of three components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**1600 Hobson Avenue**

A total of 148 of 200 XRF shots taken during assessment found lead in paint. This number represents 74% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of two components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**99 Navy Way**

A total of 113 of 201 XRF shots taken during assessment found lead in paint. This number represents 56% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of six components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **98 Navy Way**

A total of 28 of 77 XRF shots taken during assessment found lead in paint. This number represents % of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of four components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **96 Navy Way**

A total of 50 of 84 XRF shots taken during assessment found lead in paint. This number represents 59% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of four components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

*311 Navy Way*

A total of 41 of 115 XRF shots taken during assessment found lead in paint. This number represents 37% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of three components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

*150 Turnbull Avenue*

A total of 90 of 119 XRF shots taken during assessment found lead in paint. This number represents 76% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of two components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

*152 Turnbull Avenue*

A total of 51 of 81 XRF shots taken during assessment found lead in paint. This number represents 63% of all representative components existing within the interior and exterior of the house. The location of the LBP exists generally on wood substrates within the unit. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of four components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **1485 Turnbull Avenue**

A total of 40 of 85 XRF shots taken during assessment found lead in paint. This number represents 47% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A single component was found to have both lead-based paint and damaged surface. This component represents a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **1505 Turnbull Avenue**

A total of 31 of 95 XRF shots taken during assessment found lead in paint. This number represents 33% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of four components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**1565 Turnbull Avenue**

A total of 23 of 109 XRF shots taken during assessment found lead in paint. This number represents 21% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A single component was found to have both lead-based paint and damaged surface. This component represents a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**160 Everglades Avenue**

A total of 36 of 77 XRF shots taken during assessment found lead in paint. This number represents 47% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A single component was found to have both lead-based paint and damaged surface. This component represents a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**161 Everglades Avenue**

A total of 31 of 50 XRF shots taken during assessment found lead in paint. This number represents 62% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of two components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **1510 Hobson Avenue**

A total of 57 of 114 XRF shots taken during assessment found lead in paint. This number represents 50% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

No components were found to have lead-based paint or a damaged surface.

#### **1516 Hobson Avenue**

A total of 29 of 89 XRF shots taken during assessment found lead in paint. This number represents 33% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of two components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

#### **1451 Avenue H**

A total of 18 of 75 XRF shots taken during assessment found lead in paint. This number represents 25% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally characterized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

No components were found to have lead-based paint or a damaged surface.

**1463 Avenue J**

A total of 20 of 99 XRF shots taken during assessment found lead in paint. This number represents 20% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

No components were found to have lead-based paint or a damaged surface.

**1303 Avenue H**

A total of 92 of 134 XRF shots taken during assessment found lead in paint. This number represents 69% of all representative components existing within the interior and exterior of the house. The location of the LBP cannot be generally categorized by location. Most rooms had both LBP surfaces and non-LBP surfaces. Refer to Appendix III for complete paint inspection results.

A total of nine components were found to have both lead-based paint and damaged surfaces. These components represent a potential hazard to the resident. This hazard is expressed in a range of moderate to high hazard as defined by this plan: see Appendix II - Definitions. Damaged LBP surfaces are considered a short-term response item and are listed as such in the Short-term section of Table 2. All other "intact" lead-based paint components are categorized as a low hazard potential to residents and are listed in the Renovations section of Table 2.

**1309 Avenue H**

A total of 2 of 62 XRF shots taken during assessment found lead in paint. This number represents 3% of all representative components existing within the interior and exterior of the house. Only very isolated areas had lead-based paint components. None of the paint was damaged.

**774 Marine Avenue**

A total of 4 of 78 XRF shots taken during assessment found lead in paint. This number represents 5% of all representative components existing within the interior and exterior of the house. No damaged lead-based paint was identified.

Appendix III (Table F - Lead in Paint Inspection Summary) provides a composite summary of the inspection results.

### LEAD IN DUST

Elevated lead in dust was found within several of the units. These houses are identified below. Consider all horizontal surfaces within these identified units as contaminated.

- 200 Navy Way
- 300 Navy Way
- 1600 Hobson Avenue
- 150 Turnbull Avenue
- 1485 Turnbull Avenue
- 1303 Avenue H
- 774 Marine Avenue

Samples were taken from various locations throughout the units. These sample areas are considered representative of high traffic/high potential for dust generation areas.

Appendix IV (Table D - Lead in Dust Inspection Summary) provides complete inspection results.

### LEAD IN SOIL

Elevated lead in soil was identified throughout the community. Sample locations included foundations, roadsides, along sidewalks, vehicle pathways, and pedestrian pathways. In addition, background samples were collected at a minimum distance of 50 feet from any suspected lead source. This minimum distance could not always be met at the Naval Station.

A total of 14 of the 24 units inspected had some area of identified elevated soil. The majority of elevated samples were in the 1000 - 2000 ppm range. The established HUD action level is 400 ppm. The HUD guideline was derived by the EPA. The majority of elevated samples were representative of foundation areas. Only two isolated incidences of elevated lead in soil was found away from the housing structures. These areas are identified in the Lead in Soil Inspection Results Table.

In general, all foundation soil, all soil extending a distance of three feet from the perimeter of the house (all units) should be considered above the action limit. All other soil areas surrounding the immediate parameter of any painted structure (garages) should also be considered leaded above the action limit.

Appendix V (Table S - Lead in Soil Inspection Summary) provides complete inspection results.

## RECOMMENDATIONS

The fundamental step in the implementation of any plan to reduce lead hazards is a public relations package. The public relations package should provide general information regarding the lead hazard minimization plan, an approach to implement the plan, and resident education guidance. Lead hazard minimization will include paint surface restoration, tri-sodium phosphate (TSP) cleaning of horizontal surfaces for lead in dust contamination, and mulching to provide groundcover for lead in soil contamination. Initial public awareness meetings with the residents and workers are of utmost importance. The Naval Base Charleston Document Package Guidance contains information on this subject.

### LEAD IN PAINT

Restore all damaged paint within the community during the short-term period. Damaged paint includes all damaged lead-based paint identified by this plan and other lead-based paint components which now have damage. Once all surfaces are "intact" O&M of all lead-based surfaces is required. Periodic O&M assessment and maintenance will minimize the hazard potential from the components with lead-based paint over the long run versus performing abatement.

### LEAD IN DUST

The lead in dust identified during assessment does represent a potential hazard to the occupants. All units with leaded dust are to be cleaned using the methods outlined in Chapter 11 of the HUD Guidelines. These methods include the HEPA vacuuming of all horizontal surfaces within the interior of the home. The vacuuming is then followed by a tri-sodium phosphate (tsp) wash. This cleaning process in conjunction with proper measures taken by the residents will minimize the risk from leaded dust within the home. Residents must be informed and educated in proper cleaning techniques in order to maintain a manageable level of risk within their residence. These techniques include, but are not limited to, wet dusting, proper use of door mats, proper vacuuming techniques, and responsively reporting any change in condition to lead-based paint within the home.

### LEAD IN SOIL

The lead in soil identified during the assessment represents a potential hazard to residents. All soil adjacent to housing structures (within 3 feet of perimeter) is to be considered above the 400 ppm action level. Cover this soil with mulch or vegetate following HUD Interim Control Guidelines - Chapter 11. In addition, elevated soil away from the perimeter of the units was identified at two locations. All bare soil at these two locations should be covered. Again, coverage can be in the form of mulch, sod, etc.

## HAZARD MINIMIZATION

A summary of the analysis for lead-based paint components, lead in dust and lead in soil contamination is present in Table 2. Prioritization of these potential hazards is from highest hazard rated first, descending to the least hazardous. Included is the recommended action required and its associated time-frame for implementation.

### Short-term (6 - 12 months)

- Designate an O&M program manager and send this individual to the appropriate training courses. This individual should immediately begin review of HUD Guidelines, specifically Chapters 1, 8, and 11.
- Formulate a plan to reduce risk from the present hazard.
- Visually reassess all lead-based paint components: Using Table P in Appendix III as a checklist, visually reassess the current condition of all lead-based paint components. Note all areas with damaged paint.
- Restore all "damaged" lead-based paint surfaces during short-term.
- Clean all horizontal surfaces using HEPA vacuuming/TSP cleaning techniques outlined in Chapter 11 of the HUD Guidelines.
- In conjunction with dust cleaning, cover or abate all elevated soil areas as specified by location in the Recommendations section for soil while following the protocol set forth in Chapter 11 of the HUD Guidelines.
- Project Monitor/O&M Manager conduct dust wipe sampling for post cleaning to reassess hazard risk and validate cleaning.

### Interim Control

The following steps outline a feasible and cost effective Operations and Maintenance (O&M) Program to manage lead-based paint and lead in dust and soil contamination in place with minimal occupant/worker exposure.

1. Inform/educate the unit occupants, housing manager, and maintenance workers of the lead hazards within the community. The occupants and maintenance workers need to know where the lead-contaminated components are and what to do to protect themselves from its adverse effects. The education process begins with a brief concerning results from the inspections and continues until removal of all the lead paint hazards from the community.

2. As part of the education of the occupants, they should be encouraged to participate in DOD blood lead level screening.
3. Inspect components with a lead hazard at times of unit turn-over for signs of any damaged or deteriorated surfaces.
4. Clean-up all lead-based paint components with Tri-sodium phosphate (TSP) solution or a high phosphate detergent solution at the earliest possible time. All surfaces containing lead-based paint should be in good condition with no flaking, cracking, or peeling paint.
5. Maintain vegetation to cover lead contaminated bare areas of soil.
6. Paint damaged or deteriorated surfaces after cleaning and prepping.
7. Perform dust and soil sampling during change of occupancy, renovation/demolition actions, when findings of a visual inspection warrant it, or when elevated blood-lead levels in a child exist. Utilize the results to inform the housing occupants of any possible hazards, coupled with information that explains mitigation responses. This should/could alleviate community fears and minimize future liability.

#### Renovation

During upcoming renovation projects, incorporate the recommended abatement action response for all lead-based paint components present in the proposed renovation area. Refer to the ranking scheme provided for the recommended abatement action response and priority for each lead-based paint component. The Occupational Safety and Health Administration (OSHA) regulates the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

Depending upon the scope of the particular renovation project, the overall cost of the project may be reduced by performing additional testing prior to commencing the renovation. The supplemental testing will allow exact specification of individual lead-based paint components per unit that require abatement.

#### Demolition

During a demolition phase, OSHA standards regulate the occupational lead exposure and define the airborne lead exposure limits for workers. The Resource Conservation and Recovery Act (RCRA) is the basic Federal law governing waste disposal. RCRA distinguishes between solid waste and hazardous waste.

In determining whether a waste is hazardous or non-hazardous, RCRA allows generators of the waste to rely on the results of prior testing or experience, or knowledge of the waste or process generating the waste. Specific waste streams from lead abatement projects such as LBP chips and residue from chemical paint stripping processes are hazardous and must be disposed of in accordance with RCRA requirements. If the RCRA "user knowledge" allowance can not be applied to the solid waste construction debris identified as containing lead utilizing X-Ray Fluorescence (XRF) technology, then testing prior to disposal is required to determine whether the debris is hazardous or non-hazardous. This pre-disposal test for waste is the Toxic Characteristic Leachate Procedure (TCLP).

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
SHORT-TERM					
• Develop and implement an Operations and Maintenance Program.					
Lead in Dust					
HIGH	200 Navy Way	All	All Horizontal Surfaces	Clean All Horizontal Surfaces Using HEPA Vacuum/TSP Wash Process	Per HUD Guidelines, Chapter 11, Pages 33-34
	300 Navy Way				
	1600 Hobson Ave				
	150 Turnbull Ave				
	1485 Turnbull Ave				
	1303 Turnbull Ave				
	774 Marine Ave				
Lead in Paint					
100 Navy Way					
1	Bathroom	5	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	1	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	4	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	5	Window Sill	Restore Surfaces	O&M until abated.
1	Stairway	2	Wall	Restore Surfaces	O&M until abated.
200 Navy Way					
4	Exterior	1	Window Well	Restore Surfaces	O&M until abated.
300 Navy Way					
1	Bathroom	1	Window Molding	Restore Surfaces	O&M until abated.
1	Bathroom	4	Window Molding	Restore Surfaces	O&M until abated.
1	Hallway	2	Wall	Restore Surfaces	O&M until abated.
1600 Hobson Ave					
2	Living	2	Chair Rail	Restore Surfaces	O&M until abated.
3	Exterior	1	Siding	Restore Surfaces	O&M until abated.
99 Navy Way					
1	Bathroom	2	Door Molding	Restore Surfaces	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
1	Mechanical	2	Door Jam	Restore Surfaces	O&M until abated.
1	Porch	2	Door-ext.	Restore Surfaces	O&M until abated.
1	Porch	2	Window Molding	Restore Surfaces	O&M until abated.
1	Storage	2	Door	Restore Surfaces	O&M until abated.
1	Storage	2	Door Jam	Restore Surfaces	O&M until abated.
98 Navy Way					
1	Bathroom	2	Window Sill	Restore Surfaces	O&M until abated.
1	Bathroom	3	Radiator	Restore Surfaces	O&M until abated.
1	Bathroom	3	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	3	Window Sash	Restore Surfaces	O&M until abated.
96 Navy Way					
1	Dining	1	Window Molding	Restore Surfaces	O&M until abated.
1	Porch	1	Window Molding	Restore Surfaces	O&M until abated.
1	Porch	3	Ceiling	Restore Surfaces	O&M until abated.
1	Porch	3	Window Sill	Restore Surfaces	O&M until abated.
311 Navy Way					
1	Kitchen	1	Window Sash	Restore Surfaces	O&M until abated.
1	Kitchen	1	Window Sill	Restore Surfaces	O&M until abated.
1	Living	1	Window Sash	Restore Surfaces	O&M until abated.
150 Turnbull Ave					
3	Garage/carport	1	Door	Restore Surfaces	O&M until abated.
4	Garage/carport	1	Vent, HVAC	Restore Surfaces	O&M until abated.
152 Turnbull Ave					
1	Bathroom	2	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	1	Door	Restore Surfaces	O&M until abated.
1	Mechanical	2	Wall	Restore Surfaces	O&M until abated.
1	Porch	2	Window Molding	Restore Surfaces	O&M until abated.
1485 Turnbull Ave					
3	Exterior	1	Door-ext.	Restore Surfaces	O&M until abated.
1505 Turnbull Ave					
1	Bedroom	3	Window Sill	Restore Surfaces	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
1	Hallway	1	Closet Door	Restore Surfaces	O&M until abated.
3	Exterior	2	Door	Restore Surfaces	O&M until abated.
3	Exterior	2	Handrail	Restore Surfaces	O&M until abated.
1565 Turnbull Ave					
1	Dining	1	Door	Restore Surfaces	O&M until abated.
160 Everglades Dr					
1	Mechanical	2	Wall	Restore Surfaces	O&M until abated.
161 Everglades Dr					
1	Mechanical	1	Door-ext.	Restore Surfaces	O&M until abated.
1	Mechanical	2	Door-ext.	Restore Surfaces	O&M until abated.
1516 Hobson Ave					
1	Porch	1	Trim	Restore Surfaces	O&M until abated.
1	Porch	2	Wall	Restore Surfaces	O&M until abated.
1303 Avenue H					
1	Bathroom	6	Window Molding	Restore Surfaces	O&M until abated.
1	Hallway	1	Radiator	Restore Surfaces	O&M until abated.
1	Mechanical	2	Wall	Restore Surfaces	O&M until abated.
1	Mechanical	2	Window Molding	Restore Surfaces	O&M until abated.
1	Porch	1	Door-ext.	Restore Surfaces	O&M until abated.
1	Porch	1	Sash	Restore Surfaces	O&M until abated.
1	Porch	2	Door Molding	Restore Surfaces	O&M until abated.
1	Porch	5	Door Molding	Restore Surfaces	O&M until abated.
1	Stairway	2	Door Molding	Restore Surfaces	O&M until abated.

## INTERIM CONTROL

- Thoroughly inspect and assess all lead-based paint components. Update records and perform any required maintenance and repairs. Perform dust and soil sampling to monitor lead contamination changes. Perform annually or as appropriate during maintenance/service calls.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
RENOVATION					
100 Navy Way					
5	Bathroom	1	Baseboard	Replacement	O&M until abated.
5	Bathroom	1	Cabinet	Replacement	O&M until abated.
5	Bathroom	1	Door Molding	Replacement	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Window Molding	Replacement	O&M until abated.
5	Bathroom	1	Window Sash	Replacement	O&M until abated.
5	Bathroom	2	Baseboard	Replacement	O&M until abated.
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Door Molding	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Window Sill	Replacement	O&M until abated.
5	Bathroom	3	Door Jam	Replacement	O&M until abated.
5	Bathroom	3	Window Sash	Replacement	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Door Molding	Replacement	O&M until abated.
5	Bathroom	4	Radiator Cover	Replacement	O&M until abated.
5	Bathroom	4	Wall (upper)	Enclosure	O&M until abated.
5	Bathroom	4	Window Sash	Replacement	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bathroom	5	Door	Replacement	O&M until abated.
5	Bathroom	5	Door Jam	Replacement	O&M until abated.
5	Bathroom	5	Wall (upper)	Enclosure	O&M until abated.
5	Bathroom	5	Window Sash	Replacement	O&M until abated.
5	Bathroom	5	Window Sill	Replacement	O&M until abated.
5	Bathroom	6	Door	Replacement	O&M until abated.
5	Bathroom	6	Door Molding	Replacement	O&M until abated.
5	Bathroom	6	Wall	Enclosure	O&M until abated.
5	Bathroom	6	Window Sash	Replacement	O&M until abated.
5	Bathroom	6	Window Sill	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	7	Closet Door	Replacement	O&M until abated.
5	Bathroom	7	Door Molding	Replacement	O&M until abated.
5	Bathroom	7	Window Sash	Replacement	O&M until abated.
5	Bathroom	7	Window Sill	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Bedroom	1	Mantel	Replacement	O&M until abated.
5	Bedroom	1	Window Sash	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Mantle	Replacement	O&M until abated.
5	Bedroom	2	Window Sash	Replacement	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Wall (upper)	Enclosure	O&M until abated.
5	Bedroom	3	Window Sash	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	4	Window Sash	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	5	Window Sill	Replacement	O&M until abated.
5	Bedroom	6	Baseboard	Replacement	O&M until abated.
5	Bedroom	6	Closet Door	Replacement	O&M until abated.
5	Bedroom	6	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	6	Door Molding	Replacement	O&M until abated.
5	Bedroom	6	Window Sill	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Fireplace Mantel	Replacement	O&M until abated.
5	Dining	1	Radiator Cover	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Door	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Hallway	1	Wall	Enclosure	O&M until abated.
5	Hallway	1	Window Sash	Replacement	O&M until abated.
5	Hallway	1	Window Sill	Replacement	O&M until abated.
5	Hallway	2	Column	Paint Removal	O&M until abated.
5	Hallway	2	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Radiator Cover	Replacement	O&M until abated.
5	Hallway	2	Window Sash	Replacement	O&M until abated.
5	Hallway	2	Window Sill	Replacement	O&M until abated.
5	Hallway	3	Baseboard	Replacement	O&M until abated.
5	Hallway	3	Door Molding	Replacement	O&M until abated.
5	Hallway	3	Wall	Enclosure	O&M until abated.
5	Hallway	4	Door	Replacement	O&M until abated.
5	Hallway	4	Door Molding	Replacement	O&M until abated.
5	Hallway	4	Radiator Cover	Replacement	O&M until abated.
5	Hallway	4	Wall	Enclosure	O&M until abated.
5	Hallway	4	Window Sash	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Hallway	4	Window Sill	Replacement	O&M until abated.
5	Hallway	5	Baseboard	Replacement	O&M until abated.
5	Hallway	6	Door	Replacement	O&M until abated.
5	Hallway	6	Door Jam	Replacement	O&M until abated.
5	Hallway	7	Baseboard	Replacement	O&M until abated.
5	Hallway	7	Door	Replacement	O&M until abated.
5	Hallway	7	Door Molding	Replacement	O&M until abated.
5	Hallway	7	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Cabinet	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Sash	Replacement	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Kitchen	2	Baseboard	Replacement	O&M until abated.
5	Kitchen	2	Door Molding	Replacement	O&M until abated.
5	Kitchen	2	Wall	Enclosure	O&M until abated.
5	Kitchen	2	Window Sash	Replacement	O&M until abated.
5	Kitchen	2	Window Sill	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Column	Paint Removal	O&M until abated.
5	Living	1	Door Molding	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Fireplace Mantle	Replacement	O&M until abated.
5	Living	1	Radiator Cover	Replacement	O&M until abated.
5	Living	1	Radiator Cover	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Sash	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Door	Replacement	O&M until abated.
5	Living	2	Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	2	Door Molding	Replacement	O&M until abated.
5	Living	2	Mantle	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Floor	Replacement	O&M until abated.
5	Mechanical	1	Radiator	Replacement	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Mechanical	1	Window Sash	Replacement	O&M until abated.
5	Mechanical	2	Door-ext.	Replacement	O&M until abated.
5	Stairway	1	Door Molding	Replacement	O&M until abated.
5	Stairway	1	Door-ext.	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Window Well	Replacement	O&M until abated.
5	Stairway	1	Window Molding	Replacement	O&M until abated.
5	Stairway	2	Door	Replacement	O&M until abated.
5	Stairway	2	Door Jam	Replacement	O&M until abated.
5	Stairway	2	Stair Riser	Replacement	O&M until abated.
5	Stairway	2	Wall	Enclosure	O&M until abated.
5	Stairway	3	Door	Replacement	O&M until abated.
5	Stairway	3	Door Molding	Replacement	O&M until abated.
5	Stairway	3	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	3	Window Sill	Replacement	O&M until abated.
5	Storage	1	Baseboard	Replacement	O&M until abated.
5	Storage	1	Closet Shelf	Replacement	O&M until abated.
5	Storage	1	Door	Replacement	O&M until abated.
5	Storage	1	Window Sash	Replacement	O&M until abated.
5	Storage	1	Window Sill	Replacement	O&M until abated.
5	Storage	5	Door	Replacement	O&M until abated.
5	Storage	5	Window Sill	Replacement	O&M until abated.
6	Hallway	2	Ceiling	Enclosure	O&M until abated.
6	Hallway	2	Ceiling Molding	Replacement	O&M until abated.
6	Hallway	3	Ceiling	Enclosure	O&M until abated.
7	Dining	1	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Garage Door	Replacement	O&M until abated.
7	Exterior	1	Screen Door	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Siding	Replacement	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Garage/carport	1	Column	Replacement	O&M until abated.
7	Garage/carport	1	Door Jam	Replacement	O&M until abated.
7	Garage/carport	1	Siding	Replacement	O&M until abated.
7	Garage/carport	1	Wall	Enclosure	O&M until abated.
7	Garage/carport	1	Window Sash	Replacement	O&M until abated.
7	Garage/carport	1	Window Sill	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Floor	Enclosure	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Door	Replacement	O&M until abated.
7	Porch	2	Door Jam	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Floor	Enclosure	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Door	Removal	O&M until abated.
7	Porch	2	Door Jam	Removal	O&M until abated.
7	Porch	3	Door	Removal	O&M until abated.
7	Porch	3	Door Molding	Removal	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
200 Navy Way					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	1	Window Sash	Replacement	O&M until abated.
5	Bathroom	1	Window Sill	Replacement	O&M until abated.
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Door Jam	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Window Sash	Replacement	O&M until abated.
5	Bathroom	2	Window Sill	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Door Molding	Replacement	O&M until abated.
5	Bathroom	3	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Chair Rail	Replacement	O&M until abated.
5	Bedroom	2	Chair Rail	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Window Sash	Replacement	O&M until abated.
5	Bedroom	3	Baseboard	Replacement	O&M until abated.
5	Bedroom	3	Bifold Door	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Radicover	Replacement	O&M until abated.
5	Bedroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	4	Bifold Door	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Radiator	Paint Removal	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	4	Window Sash	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Bifold Door	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	5	Wall	Enclosure	O&M until abated.
5	Bedroom	5	Window Sash	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Sash	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Exterior	1	Door Jam	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Chair Rail	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Closet Shelf	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Hallway	1	Radiator Cover	Replacement	O&M until abated.
5	Hallway	1	Wall (upper)	Enclosure	O&M until abated.
5	Hallway	2	Baseboard	Replacement	O&M until abated.
5	Hallway	2	Closet Door	Replacement	O&M until abated.
5	Hallway	2	Closet Shelf	Replacement	O&M until abated.
5	Hallway	2	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Sash	Replacement	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Chair Rail	Replacement	O&M until abated.
5	Living	2	Door Molding	Replacement	O&M until abated.
5	Living	2	Floor	Enclosure	O&M until abated.
5	Living	2	Fireplace Mantle	Replacement	O&M until abated.
5	Living	2	Wall (upper)	Enclosure	O&M until abated.
5	Living	2	Window Molding	Replacement	O&M until abated.
5	Living	2	Window Sash	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Stair Baluster	Replacement	O&M until abated.
5	Stairway	1	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Door Molding	Replacement	O&M until abated.
5	Storage	1	Wall	Enclosure	O&M until abated.
5	Storage	2	Door	Replacement	O&M until abated.
6	Bathroom	1	Ceiling	Enclosure	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	1	Ceiling	Enclosure	O&M until abated.
6	Bedroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	3	Ceiling	Enclosure	O&M until abated.
6	Bedroom	4	Ceiling	Enclosure	O&M until abated.
6	Hallway	1	Ceiling	Enclosure	O&M until abated.
6	Hallway	2	Ceiling	Enclosure	O&M until abated.
6	Living	1	Ceiling	Enclosure	O&M until abated.
6	Living	2	Ceiling	Enclosure	O&M until abated.
6	Storage	1	Ceiling	Enclosure	O&M until abated.
6	Storage	3	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Threshold	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Exterior	1	Window Well	Replacement	O&M until abated.
7	Exterior	2	Siding	Replacement	O&M until abated.
7	Exterior	2	Trim	Replacement	O&M until abated.
7	Exterior	2	Window Molding	Replacement	O&M until abated.
7	Exterior	3	Siding	Replacement	O&M until abated.
7	Exterior	3	Window Molding	Replacement	O&M until abated.
7	Exterior	4	Porch Framing	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	2	Wall	Enclosure	O&M until abated.
7	Porch	1	Column	Replacement	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Baseboard	Replacement	O&M until abated.
7	Porch	2	Door Molding	Replacement	O&M until abated.
7	Porch	2	Radiator	Paint Removal	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Porch	2	Window Sash	Replacement	O&M until abated.
7	Porch	2	Window Sill	Replacement	O&M until abated.
7	Porch	3	Baseboard	Replacement	O&M until abated.
7	Porch	3	Door Molding	Replacement	O&M until abated.
7	Porch	3	Door-ext.	Replacement	O&M until abated.
7	Porch	3	Threshold	Replacement	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
7	Porch	3	Window Sash	Replacement	O&M until abated.
7	Porch	3	Window Sill	Replacement	O&M until abated.
8	Garage/carport	3	Soffit/facia	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
8	Porch	2	Ceiling	Enclosure	O&M until abated.
8	Porch	3	Ceiling	Enclosure	O&M until abated.
300 Navy Way					
5	Bathroom	1	Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	1	Door Molding	Replacement	O&M until abated.
5	Bathroom	1	Window Molding	Replacement	O&M until abated.
5	Bathroom	2	Door Molding	Replacement	O&M until abated.
5	Bathroom	2	Window Molding	Replacement	O&M until abated.
5	Bathroom	3	Door Molding	Replacement	O&M until abated.
5	Bathroom	3	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Molding	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door Molding	Replacement	O&M until abated.
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Molding	Replacement	O&M until abated.
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Window Molding	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	3	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Molding	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Wall	Enclosure	O&M until abated.
5	Bedroom	5	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	6	Baseboard	Replacement	O&M until abated.
5	Bedroom	6	Door	Replacement	O&M until abated.
5	Bedroom	6	Door Molding	Replacement	O&M until abated.
5	Bedroom	6	Wall	Enclosure	O&M until abated.
5	Bedroom	6	Window Molding	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Door-ext.	Replacement	O&M until abated.
5	Dining	1	Radiator Cover	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Closest Door	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Door	Replacement	O&M until abated.
5	Hallway	2	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Wall	Enclosure	O&M until abated.
5	Hallway	2	Window Molding	Replacement	O&M until abated.
5	Hallway	3	Door Jam	Replacement	O&M until abated.
5	Hallway	3	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Molding	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Door Molding	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Door	Replacement	O&M until abated.
5	Living	2	Door Molding	Replacement	O&M until abated.
5	Living	2	Wall	Enclosure	O&M until abated.
5	Living	2	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Baseboard	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door Molding	Replacement	O&M until abated.
5	Mechanical	1	Window Molding	Replacement	O&M until abated.
5	Stairway	1	Baseboard	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Stair Baluster	Replacement	O&M until abated.
5	Stairway	1	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	1	Window Sill	Replacement	O&M until abated.
5	Storage	1	Baseboard	Replacement	O&M until abated.
5	Storage	1	Cabinet	Replacement	O&M until abated.
5	Storage	1	Door Molding	Replacement	O&M until abated.
5	Storage	1	Window Molding	Replacement	O&M until abated.
6	Bedroom	3	Ceiling	Enclosure	O&M until abated.
7	Garage/carport	1	Screen Door	Replacement	O&M until abated.
7	Porch	1	Column	Paint Removal	O&M until abated.
7	Porch	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Floor	Enclosure	O&M until abated.
7	Porch	1	Screen Door	Replacement	O&M until abated.
7	Porch	1	Threshold	Replacement	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	2	Screen Door	Replacement	O&M until abated.
7	Porch	2	Trim	Replacement	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Porch	3	Column	Paint Removal	O&M until abated.
7	Porch	3	Door Molding	Replacement	O&M until abated.
7	Porch	3	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	3	Floor	Enclosure	O&M until abated.
7	Porch	3	Threshold	Replacement	O&M until abated.
7	Porch	3	Trim	Replacement	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
1600 Hobson Ave					
5	Bathroom	1	Baseboard	Replacement	O&M until abated.
5	Bathroom	1	Chair Rail	Replacement	O&M until abated.
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Wall (lower)	Enclosure	O&M until abated.
5	Bathroom	1	Wall (upper)	Enclosure	O&M until abated.
5	Bathroom	1	Window Sash	Replacement	O&M until abated.
5	Bathroom	1	Window Well	Replacement	O&M until abated.
5	Bathroom	2	Cabinet	Replacement	O&M until abated.
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Door Jam	Replacement	O&M until abated.
5	Bathroom	2	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Chair Rail	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door Molding	Replacement	O&M until abated.
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bathroom	5	Door	Replacement	O&M until abated.
5	Bathroom	5	Door Molding	Replacement	O&M until abated.
5	Bathroom	5	Wall (upper)	Enclosure	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Bedroom	1	Door Molding	Replacement	O&M until abated.
5	Bedroom	1	Radiator	Paint Removal	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	3	Closet Door	Replacement	O&M until abated.
5	Bedroom	3	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Fireplace Mantle	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Sash	Replacement	O&M until abated.
5	Bedroom	4	Baseboard	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Door	Replacement	O&M until abated.
5	Bedroom	5	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Radiator	Paint Removal	O&M until abated.
5	Bedroom	5	Wall	Enclosures	O&M until abated.
5	Bedroom	6	Baseboard	Replacement	O&M until abated.
5	Bedroom	6	Closet Door	Replacement	O&M until abated.
5	Bedroom	6	Door	Replacement	O&M until abated.
5	Bedroom	6	Door Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	6	Wall	Enclosure	O&M until abated.
5	Bedroom	6	Window Sill	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Chair Rail	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Fireplace Mantle	Replacement	O&M until abated.
5	Dining	1	French Doors	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Front stair way	1	Door	Replacement	O&M until abated.
5	Front stair way	1	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Baseboard	Replacement	O&M until abated.
5	Hallway	2	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Window Sash	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Double French Doors	Replacement	O&M until abated.
5	Living	1	Fireplace Mantle	Replacement	O&M until abated.
5	Living	1	Stair Baluster	Replacement	O&M until abated.
5	Living	1	Stair Baseboard	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Sash	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Chair Rail	Replacement	O&M until abated.
5	Living	2	Door	Replacement	O&M until abated.
5	Living	2	Door Molding	Replacement	O&M until abated.
5	Living	2	Fireplace Mantle	Replacement	O&M until abated.
5	Living	2	Stair Baluster	Replacement	O&M until abated.
5	Living	2	Wall	Enclosure	O&M until abated.
5	Living	2	Wall (lower)	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	2	Wall (upper)	Enclosure	O&M until abated.
5	Living	2	Window Sash	Replacement	O&M until abated.
5	Living	2	Window Sill	Replacement	O&M until abated.
5	Pantry	1	Baseboard	Replacement	O&M until abated.
5	Pantry	1	Chair Rail	Replacement	O&M until abated.
5	Pantry	1	Door	Replacement	O&M until abated.
5	Pantry	1	Door Molding	Replacement	O&M until abated.
5	Pantry	1	Radiator	Paint Removal	O&M until abated.
5	Pantry	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Door Jam	Replacement	O&M until abated.
5	Storage	2	Fireplace Mantle	Replacement	O&M until abated.
5	Storage	2	Wall	Enclosure	O&M until abated.
5	Storage	2	Window Sash	Replacement	O&M until abated.
5	Storage	2	Window Sill	Replacement	O&M until abated.
5	Utility	1	Baseboard	Replacement	O&M until abated.
5	Utility	1	Door	Replacement	O&M until abated.
5	Utility	1	Door Molding	Replacement	O&M until abated.
5	Utility	1	Stair Baluster	Replacement	O&M until abated.
5	Utility	1	Stair Baseboard	Replacement	O&M until abated.
5	Utility	1	Wall	Enclosure	O&M until abated.
5	Utility	1	Wall (lower)	Enclosure	O&M until abated.
5	Utility	1	Window Molding	Replacement	O&M until abated.
5	Utility	1	Window Sash	Replacement	O&M until abated.
5	Utility	1	Window Sash	Replacement	O&M until abated.
5	Utility	2	Baseboard	Replacement	O&M until abated.
6	Bathroom	5	Ceiling	Enclosure	O&M until abated.
6	Bedroom	4	Ceiling	Enclosure	O&M until abated.
6	Bedroom	5	Ceiling	Enclosure	O&M until abated.
6	Bedroom	6	Ceiling	Enclosure	O&M until abated.
6	Pantry	1	Ceiling	Enclosure	O&M until abated.
6	Storage	2	Ceiling	Enclosure	O&M until abated.
6	Utility	1	Ceiling	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Exterior	1	Column	Paint Removal	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door Molding	Replacement	O&M until abated.
7	Exterior	1	Siding	Replacement	O&M until abated.
7	Exterior	3	Door	Replacement	O&M until abated.
7	Garage/carport	1	Column	Paint Removal	O&M until abated.
7	Porch	1	Column	Paint Removal	O&M until abated.
7	Porch	1	Floor	Enclosure	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	1	Wall (lower)	Enclosure	O&M until abated.
7	Porch	2	Door	Replacement	O&M until abated.
7	Porch	2	Door-ext.	Replacement	O&M until abated.
7	Porch	2	Door Jam	Replacement	O&M until abated.
7	Porch	2	Door Molding	Replacement	O&M until abated.
7	Porch	2	Threshold	Replacement	O&M until abated.
7	Porch	2	Trim	Replacement	O&M until abated.
7	Porch	3	Column Display	Replacement	O&M until abated.
7	Porch	3	Floor	Enclosure	O&M until abated.
7	Porch	3	Screen Door	Replacement	O&M until abated.
7	Porch	3	Siding	Replacement	O&M until abated.
7	Porch	3	Trim	Replacement	O&M until abated.
7	Porch	3	Window Well	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
8	Porch	2	Ceiling	Enclosure	O&M until abated.
8	Porch	3	Ceiling	Enclosure	O&M until abated.
99 Navy Way					
5	Bathroom	1	Closet Door	Replacement	O&M until abated.
5	Bathroom	1	Closet Shelf	Replacement	O&M until abated.
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	1	Wall (upper)	Enclosure	O&M until abated.
5	Bathroom	1	Window Molding	Replacement	O&M until abated.
5	Bathroom	2	Door Molding	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Door Molding	Replacement	O&M until abated.
5	Bathroom	3	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Molding	Replacement	O&M until abated.
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Window Molding	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Wall	Enclosure	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	3	Baseboard	Replacement	O&M until abated.
5	Bedroom	3	Closet Door	Replacement	O&M until abated.
5	Bedroom	3	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Molding	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Window Molding	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Door Jam	Replacement	O&M until abated.
5	Hallway	2	Baseboard	Replacement	O&M until abated.
5	Hallway	2	Closet Door	Replacement	O&M until abated.
5	Hallway	2	Door	Replacement	O&M until abated.
5	Hallway	2	Door Jam	Replacement	O&M until abated.
5	Hallway	2	Wall	Replacement	O&M until abated.
5	Kitchen	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Molding	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Door Jam	Replacement	O&M until abated.
5	Living	1	Fireplace	Paint Removal	O&M until abated.
5	Living	1	Fireplace Mantle	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Molding	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Door Molding	Replacement	O&M until abated.
5	Living	2	Fireplace Mantle	Replacement	O&M until abated.
5	Living	2	Window Molding	Replacement	O&M until abated.
5	Living	3	Baseboard	Replacement	O&M until abated.
5	Living	3	Cabinet	Replacement	O&M until abated.
5	Living	3	Ceiling Molding	Replacement	O&M until abated.
5	Living	3	Fireplace	Paint Removal	O&M until abated.
5	Living	3	Fireplace Mantle	Replacement	O&M until abated.
5	Living	3	Wall	Enclosure	O&M until abated.
5	Living	3	Window Sash	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Mechanical	2	Door Jam	Replacement	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Window Molding	Replacement	O&M until abated.
5	Stairway	1	Stair Baluster	Replacement	O&M until abated.
5	Stairway	1	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Stairway	2	Door	Replacement	O&M until abated.
5	Stairway	2	Door Jam	Replacement	O&M until abated.
5	Storage	1	Baseboard	Replacement	O&M until abated.
5	Storage	1	Cabinet	Replacement	O&M until abated.
5	Storage	1	Door	Replacement	O&M until abated.
5	Storage	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Window Molding	Replacement	O&M until abated.
5	Storage	2	Door	Replacement	O&M until abated.
5	Storage	2	Door Jam	Replacement	O&M until abated.
5	Storage	2	Wall	Enclosure	O&M until abated.
6	Bedroom	5	Ceiling	Enclosure	O&M until abated.
6	Dining	1	Ceiling	Enclosure	O&M until abated.
6	Dining	1	Ceiling Molding	Replacement	O&M until abated.
6	Living	3	Ceiling	Enclosure	O&M until abated.
6	Mechanical	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Column	Paint Removal	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door Jam	Replacement	O&M until abated.
7	Exterior	1	Siding	Replacement	O&M until abated.
7	Exterior	1	Threshold	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Garage/carport	1	Threshold	Replacement	O&M until abated.
7	Porch	1	Column	Paint Removal	O&M until abated.
7	Porch	2	Door-ext.	Replacement	O&M until abated.
7	Porch	2	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	3	Column	Paint Removal	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
7	Porch	3	Window Molding	Replacement	O&M until abated.
7	Porch	4	Door-ext.	Replacement	O&M until abated.
7	Porch	4	Handrail	Replacement	O&M until abated.
7	Porch	4	Wall	Enclosure	O&M until abated.
7	Porch	4	Window Molding	Replacement	O&M until abated.
7	Porch	5	Door Molding	Replacement	O&M until abated.
8	Exterior	1	Soffit/facia	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
8	Porch	1	Ceiling Molding	Replacement	O&M until abated.
8	Porch	4	Ceiling	Enclosure	O&M until abated.
8	Porch	4	Ceiling Molding	Replacement	O&M until abated.
98 Navy Way					
5	Bathroom	2	Window Sash	Replacement	O&M until abated.
5	Bathroom	2	Window Sill	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Door Jam	Replacement	O&M until abated.
5	Bathroom	3	Radiator	Paint Removal	O&M until abated.
5	Bathroom	3	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Sash	Replacement	O&M until abated.
5	Bedroom	3	Window Sash	Replacement	O&M until abated.
5	Bedroom	4	Window Sash	Replacement	O&M until abated.
5	Bedroom	4	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door Molding	Replacement	O&M until abated.
7	Exterior	1	Column	Paint Removal	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door Molding	Replacement	O&M until abated.
7	Exterior	1	Lattice	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Exterior	1	Siding	Replacement	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Exterior	1	Window Well	Replacement	O&M until abated.
7	Garage/carport	1	Door Jam	Replacement	O&M until abated.
7	Garage/carport	1	Siding	Replacement	O&M until abated.
7	Garage/carport	1	Window Well	Replacement	O&M until abated.
7	Porch	2	Floor	Enclosure	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
8	Exterior	1	Awning	Replacement	O&M until abated.
8	Garage/carport	1	Soffit/facia	Replacement	O&M until abated.
96 Navy Way					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Window Molding	Replacement	O&M until abated.
5	Bathroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Door Molding	Replacement	O&M until abated.
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Window Molding	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door-ext.	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	3	Baseboard	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Molding	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Hallway	1	Window Molding	Replacement	O&M until abated.
5	Kitchen	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Trim	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Door	Replacement	O&M until abated.
5	Living	1	Door Molding	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Stairway	1	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	1	Trim	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
6	Bedroom	3	Ceiling	Enclosure	O&M until abated.
6	Stairway	1	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door Jam	Replacement	O&M until abated.
7	Porch	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	1	Window Molding	Replacement	O&M until abated.
7	Porch	2	Door-ext.	Replacement	O&M until abated.
7	Porch	2	Door Molding	Replacement	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Porch	2	Window Sill	Replacement	O&M until abated.
7	Porch	3	Door-ext.	Replacement	O&M until abated.
7	Porch	3	Trim	Replacement	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
7	Porch	3	Window Sill	Replacement	O&M until abated.
8	Porch	3	Ceiling	Enclosure	O&M until abated.

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Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Molding	Replacement	O&M until abated.
5	Bathroom	1	Radiator	Paint Removal	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Window Sash	Replacement	O&M until abated.
5	Bathroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Door Molding	Replacement	O&M until abated.
5	Bedroom	1	Floor	Enclosure	O&M until abated.
5	Bedroom	1	Radiator	Paint Removal	O&M until abated.
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Window Sash	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Window Sash	Replacement	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Radiator	Paint Removal	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Radiator	Paint Removal	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Sash	Replacement	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Door Molding	Replacement	O&M until abated.
5	Living	1	Window Sash	Replacement	O&M until abated.
5	Living	2	Cabinet	Replacement	O&M until abated.
5	Storage	2	Baseboard	Replacement	O&M until abated.
5	Storage	2	Cabinet	Replacement	O&M until abated.
5	Storage	2	Closet Door	Replacement	O&M until abated.
5	Storage	2	Door Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Storage	2	Wall	Enclosure	O&M until abated.
6	Bathroom	1	Ceiling	Enclosure	O&M until abated.
7	Porch	1	Column	Paint Removal	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Wall (lower)	Enclosure	O&M until abated.
7	Porch	1	Window Sash	Replacement	O&M until abated.
7	Porch	1	Window Well	Replacement	O&M until abated.
150 Turnbull Ave					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Door Jam	Replacement	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door Jam	Replacement	O&M until abated.
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Jam	Replacement	O&M until abated.
5	Bedroom	2	Wall	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Molding	Replacement	O&M until abated.
5	Bedroom	4	Baseboard	Replacement	O&M until abated.
5	Bedroom	4	Closet Door	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	4	Window Molding	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Door	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Jam	Replacement	O&M until abated.
5	Bedroom	5	Window Molding	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Door Jam	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Bifold Door	Replacement	O&M until abated.
5	Hallway	1	Door	Replacement	O&M until abated.
5	Hallway	1	Door Jam	Replacement	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Bifold Door	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Molding	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Door	Replacement	O&M until abated.
5	Living	2	Door Jam	Replacement	O&M until abated.
5	Living	2	Fireplace Mantle	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	2	Wall (upper)	Enclosure	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Mechanical	1	Window Sill	Replacement	O&M until abated.
5	Mechanical	2	Door	Replacement	O&M until abated.
5	Mechanical	2	Door-ext.	Replacement	O&M until abated.
5	Mechanical	2	Door Jam	Replacement	O&M until abated.
5	Mechanical	2	Shelf	Replacement	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Window Molding	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Storage	2	Baseboard	Replacement	O&M until abated.
5	Storage	2	Door	Replacement	O&M until abated.
5	Storage	2	Door Jam	Replacement	O&M until abated.
5	Storage	2	Wall	Enclosure	O&M until abated.
5	Storage	2	Window Molding	Replacement	O&M until abated.
6	Bathroom	1	Ceiling	Enclosure	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	1	Ceiling	Enclosure	O&M until abated.
6	Bedroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	4	Ceiling	Enclosure	O&M until abated.
6	Living	.	Ceiling	Enclosure	O&M until abated.
6	Mechanical	1	Ceiling	Enclosure	O&M until abated.
6	Mechanical	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Soffit/facia	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Exterior	J	Window Sash	Replacement	O&M until abated.
7	Garage/carport	1	Column	Paint Removal	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door-ext.	Replacement	O&M until abated.
7	Garage/carport	1	Door Jam	Replacement	O&M until abated.
7	Garage/carport	1	Vent, HVAC	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Window sash	Replacement	O&M until abated.
7	Porch	2	Baseboard	Replacement	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Porch	2	Window Molding	Replacement	O&M until abated.
8	Garage/carport	1	Ceiling	Enclosure	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
152 Turnbull Ave					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Window Sash	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Window Molding	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	2	Door Jam	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	4	Baseboard	Replacement	O&M until abated.
5	Bedroom	4	Door Jam	Replacement	O&M until abated.
5	Bedroom	5	Window Molding	Replacement	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Door	Replacement	O&M until abated.
5	Hallway	1	Door Jam	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	1	Fireplace Mantle	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door-ext.	Replacement	O&M until abated.
5	Mechanical	1	Door Jam	Replacement	O&M until abated.
5	Mechanical	2	Door	Replacement	O&M until abated.
5	Mechanical	2	Door-ext.	Replacement	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Window Sill	Replacement	O&M until abated.
5	Porch	1	Door Jam	Replacement	O&M until abated.
5	Porch	1	Wall	Enclosure	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Storage	2	Window Molding	Replacement	O&M until abated.
6	Mechanical	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Handrail	Replacement	O&M until abated.
7	Exterior	1	Soffit/facia	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Exterior	1	Window Sash	Replacement	O&M until abated.
7	Exterior	1	Window Sill	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Window Sill	Replacement	O&M until abated.
7	Porch	2	Door	Replacement	O&M until abated.
7	Porch	2	Door Jam	Replacement	O&M until abated.
7	Porch	2	Window Molding	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
1485 Turnbull Ave					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Door Jam	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Cabinet	Replacement	O&M until abated.
5	Storage	1	Door	Replacement	O&M until abated.
5	Storage	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Window Sill	Replacement	O&M until abated.
6	Hallway	1	Ceiling	Enclosure	O&M until abated.
6	Mechanical	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door Jam	Replacement	O&M until abated.
7	Exterior	1	Handrail	Replacement	O&M until abated.
7	Exterior	1	Sash	Replacement	O&M until abated.
7	Exterior	1	Threshold	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Ducting	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	1	Screen Framing	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Baseboard	Replacement	O&M until abated.
1505 Turnbull Ave.					
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	3	Baseboard	Replacement	O&M until abated.
5	Bedroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Hallway	1	Window Molding	Replacement	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	1	Ceiling	Enclosure	O&M until abated.
6	Bedroom	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	2	Door	Replacement	O&M until abated.
7	Exterior	2	Door-ext.	Replacement	O&M until abated.
7	Exterior	2	Door Jam	Replacement	O&M until abated.
7	Exterior	2	Handrail	Replacement	O&M until abated.
7	Exterior	2	Window Molding	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	1	Door Jam	Replacement	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	2	Window Sill	Replacement	O&M until abated.
1565 Turnbull Ave					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Closet Shelf	Replacement	O&M until abated.
5	Hallway	1	Window Sill	Replacement	O&M until abated.
5	Kitchen	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Threshold	Replacement	O&M until abated.
6	Bedroom	1	Ceiling	Enclosure	O&M until abated.
6	Kitchen	1	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door-ext.	Replacement	O&M until abated.
7	Exterior	1	Door Jam	Replacement	O&M until abated.
7	Exterior	1	Handrail	Replacement	O&M until abated.
7	Exterior	1	Wall (upper)	Enclosure	O&M until abated.
7	Porch	2	Handrail	Replacement	O&M until abated.
160 Everglades Dr					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Door-ext.	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Bedroom	1	Screen Door	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Window Molding	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Window Molding	Replacement	O&M until abated.
5	Foyer	1	Window Sash	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Door Jam	Replacement	O&M until abated.
5	Living	4	Window Molding	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door-ext.	Replacement	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Storage	1	Cabinet	Replacement	O&M until abated.
5	Storage	1	Window Molding	Replacement	O&M until abated.
6	Mechanical	1	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Handrail	Replacement	O&M until abated.
7	Exterior	1	Window Sash	Replacement	O&M until abated.
7	Exterior	1	Window Sill	Replacement	O&M until abated.
7	Exterior	2	Door	Replacement	O&M until abated.
7	Exterior	2	Trim	Replacement	O&M until abated.
7	Exterior	2	Wall	Enclosure	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Window Molding	Replacement	O&M until abated.
7	Porch	1	Window Sill	Replacement	O&M until abated.
7	Porch	2	Door	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
161 Everglades Dr					
5	Bathroom	1	Door-ext.	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Door-ext.	Replacement	O&M until abated.
5	Bedroom	1	Door Jam	Replacement	O&M until abated.
5	Mechanical	1	Door-ext.	Replacement	O&M until abated.
5	Mechanical	2	Door-ext.	Replacement	O&M until abated.
5	Mechanical	2	Door Jam	Replacement	O&M until abated.
5	Mechanical	2	Door Molding	Replacement	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
6	Mechanical	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Handrail	Replacement	O&M until abated.
7	Exterior	1	Siding	Replacement	O&M until abated.
7	Exterior	1	Soffit/facia	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Garage/carport	1	Door-ext.	Replacement	O&M until abated.
7	Garage/carport	1	Door Jam	Replacement	O&M until abated.
7	Garage/carport	1	Vent, HC	Replacement	O&M until abated.
7	Garage/carport	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Window Sash	Replacement	O&M until abated.
8	Exterior	1	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
8	Garage/carport	1	Ceiling	Enclosure	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
1510 Hobson Ave					
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Jam	Replacement	O&M until abated.
5	Bathroom	1	Radiator	Paint Removal	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Window Sill	Replacement	O&M until abated.
5	Bathroom	2	Baseboard	Replacement	O&M until abated.
5	Bathroom	2	Door	Replacement	O&M until abated.
5	Bathroom	2	Door Jam	Replacement	O&M until abated.
5	Bathroom	2	Radiator	Paint Removal	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Window Sash	Replacement	O&M until abated.
5	Bathroom	3	Door	Replacement	O&M until abated.
5	Bathroom	3	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Molding	Replacement	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Wall (upper)	Enclosure	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Window Molding	Replacement	O&M until abated.
5	Bedroom	2	Door	Replacement	O&M until abated.
5	Bedroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	4	Window Sill	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Door	Replacement	O&M until abated.
5	Bedroom	5	Door Jam	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	5	Radiator Cover	Replacement	O&M until abated.
5	Bedroom	5	Window Sill	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Kitchen	2	Baseboard	Replacement	O&M until abated.
5	Kitchen	2	Window Molding	Replacement	O&M until abated.
5	Kitchen	2	Window Sill	Replacement	O&M until abated.
5	Living	1	Door	Replacement	O&M until abated.
5	Living	1	Window Sash	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Living	2	Baseboard	Replacement	O&M until abated.
5	Living	2	Door Jam	Replacement	O&M until abated.
5	Living	2	Window Sash	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Mechanical	1	Door-ext.	Replacement	O&M until abated.
5	Mechanical	1	Door Jam	Replacement	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
6	Bathroom	1	Ceiling	Enclosure	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
7	Exterior	3	Door-ext.	Replacement	O&M until abated.
7	Exterior	3	Porch Screen	Replacement	O&M until abated.
7	Exterior	3	Screen Door	Replacement	O&M until abated.
7	Exterior	3	Siding	Replacement	O&M until abated.
7	Exterior	3	Trim	Replacement	O&M until abated.
7	Exterior	3	Window Sill	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Screen door	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door Jam	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Window Sash	Replacement	O&M until abated.
7	Porch	1	Window Sill	Replacement	O&M until abated.
7	Porch	1	Window Well	Replacement	O&M until abated.
7	Porch	2	Baseboard	Replacement	O&M until abated.
1516 Hobson Ave					
5	Bedroom	2	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Baseboard	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Closet Shelf	Replacement	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Mechanical	1	Window Sill	Replacement	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
6	Hallway	1	Ceiling	Enclosure	O&M until abated.
6	Mechanical	1	Ceiling	Enclosure	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door Molding	Replacement	O&M until abated.
7	Garage/carport	1	Wall	Enclosure	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	1	Window Well	Replacement	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Stairway	1	Handrail	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
<b>1451 Avenue H</b>					
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Closet Shelf	Replacement	O&M until abated.
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Stairway	1	Stair Riser	Replacement	O&M until abated.
5	Storage	1	Baseboard	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Door Jam	Replacement	O&M until abated.
7	Porch	1	Screen Door	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
7	Porch	3	Window Sill	Replacement	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
8	Porch	3	Ceiling	Enclosure	O&M until abated.
<b>1463 Avenue H</b>					
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Wall	Replacement	O&M until abated.
5	Bedroom	1	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Wall	Enclosure	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Wall	Enclosure	O&M until abated.
5	Exterior	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Wall	Enclosure	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	2	Wall	Enclosure	O&M until abated.
5	Storage	2	Wall	Enclosure	O&M until abated.
6	Bedroom	2	Ceiling	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
6	Hallway	1	Ceiling	Enclosure	O&M until abated.
7	Garage/carport	1	Door Jam	Replacement	O&M until abated.
7	Garage/carport	1	Door Molding	Replacement	O&M until abated.
7	Porch	1	Door	Replacement	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Door Jam	Replacement	O&M until abated.
7	Porch	1	Floor	Enclosure	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Baseboard	Replacement	O&M until abated.
7	Porch	2	Wall	Enclosure	O&M until abated.
7	Porch	2	Window Molding	Replacement	O&M until abated.
7	Porch	3	Door-ext.	Replacement	O&M until abated.
7	Porch	3	Floor	Enclosure	O&M until abated.
7	Porch	3	Wall	Enclosure	O&M until abated.
8	Garage/carport	1	Ceiling	Enclosure	O&M until abated.
8	Porch	1	Ceiling	Enclosure	O&M until abated.
8	Porch	3	Ceiling	Enclosure	O&M until abated.
1303 Avenue H					
5	Bathroom	1	Baseboard	Replacement	O&M until abated.
5	Bathroom	1	Door	Replacement	O&M until abated.
5	Bathroom	1	Door Molding	Replacement	O&M until abated.
5	Bathroom	1	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door Molding	Replacement	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bathroom	5	Door	Replacement	O&M until abated.
5	Bathroom	5	Door Molding	Replacement	O&M until abated.
5	Bathroom	5	Sash	Replacement	O&M until abated.
5	Bathroom	5	Wall	Enclosure	O&M until abated.
5	Bathroom	6	Window Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	1	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door-ext.	Replacement	O&M until abated.
5	Bedroom	2	Wall	Enclosure	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	4	Baseboard	Replacement	O&M until abated.
5	Bedroom	4	Closet Door	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Trim	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Window Sill	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Cabinet	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Hallway	1	Door	Replacement	O&M until abated.
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.
5	Hallway	1	Radiator	Paint Removal	O&M until abated.
5	Hallway	1	Wall	Enclosure	O&M until abated.
5	Hallway	1	Window Sill	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Hallway	2	Door	Replacement	O&M until abated.
5	Hallway	2	Door Jam	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Wall	Enclosure	O&M until abated.
5	Kitchen	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Radiator	Paint Removal	O&M until abated.
5	Living	1	Shelf	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Mechanical	1	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Wall	Enclosure	O&M until abated.
5	Mechanical	2	Window Molding	Enclosure	O&M until abated.
5	Stairway	1	Cabinet	Replacement	O&M until abated.
5	Stairway	1	Stair Baseboard	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Stairway	2	Door Molding	Replacement	O&M until abated.
5	Stairway	2	Wall (lower)	Enclosure	O&M until abated.
5	Storage	1	Door	Replacement	O&M until abated.
7	Exterior	1	Column	Paint Removal	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Fence	Replacement	O&M until abated.
7	Exterior	1	Lattice	Replacement	O&M until abated.
7	Exterior	1	Sash	Replacement	O&M until abated.
7	Exterior	1	Screen Door	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Window Jamb	Replacement	O&M until abated.
7	Porch	1	Door-ext.	Replacement	O&M until abated.
7	Porch	1	Sash	Replacement	O&M until abated.
7	Porch	1	Trim	Replacement	O&M until abated.
7	Porch	1	Wall	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
7	Porch	1	Wall	Enclosure	O&M until abated.
7	Porch	2	Column	Paint Removal	O&M until abated.
7	Porch	2	Door Jam	Replacement	O&M until abated.
7	Porch	2	Door Molding	Replacement	O&M until abated.
7	Porch	2	Down Spouts	Replacement	O&M until abated.
7	Porch	2	Floor	Enclosure	O&M until abated.
7	Porch	2	Sash	Replacement	O&M until abated.
7	Porch	2	Threshold	Replacement	O&M until abated.
7	Porch	2	Trim	Replacement	O&M until abated.
7	Porch	4	Handrail	Replacement	O&M until abated.
7	Porch	4	Stair Baseboard	Replacement	O&M until abated.
7	Porch	5	Door Molding	Replacement	O&M until abated.
7	Porch	5	Screen Door	Replacement	O&M until abated.
7	Porch	5	Trim	Replacement	O&M until abated.
1309 Avenue H					
5	Hallway	1	Baseboard	Replacement	O&M until abated.
774 Marine Ave					
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Exterior	1	Wall	Enclosure	O&M until abated.
5	Stairway	1	Shelf	Replacement	O&M until abated.
5	Storage	1	Access Door Att	Replacement	O&M until abated.
DEMOLITION					
<ul style="list-style-type: none"> <li>• Perform TCLP testing of demolition wastestream. Maintain Personal Protective Equipment (PPE) as required during demolition activities. Adhere to local/state guidelines for waste disposal requirements.</li> </ul>					
<sup>1</sup> Priority ranks those components with the highest hazard potential first down to the least hazardous potential.					
<sup>2</sup> See Floor Plans - Appendix I.					
* Restore; includes prep, clean, and painting of existing surfaces.					

COST ESTIMATES

The short-term and interim scope costs (for budget purposes only) given in Table 3 include direct and indirect labor costs, direct and indirect material costs, and contractors' overhead and profit for each job. Appendix VI provides cost estimate details for Interim Controls. The Cost Details for Short-term are included below.

Table 3 - Cost Estimates							
Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
SHORT-TERM							
Lead in Dust							
200 Navy Way	All	All Horizontal Surfaces	Clean all horizontal surfaces using HEPA vacuum/TSP wash process	1	Each	1200.00	1200.00
300 Navy Way	All	All Horizontal Surfaces		1	Each	1200.00	1200.00
1600 Hobson Ave	All	All Horizontal Surfaces		1	Each	1200.00	1200.00
150 Turnbull Ave	All	All Horizontal Surfaces		1	Each	1200.00	1200.00
1485 Turnbull Ave	All	All Horizontal Surfaces		1	Each	1200.00	1200.00
1303 Turnbull Ave	All	All Horizontal Surfaces		1	Each	1200.00	1200.00
774 Marine Ave	All	All Horizontal Surfaces		1	Each	1200.00	1200.00

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
Lead in Paint							
100 Navy Way							
Bathroom	5	Window Sash	Paint Restoration	1	EA	3.00	3.00
Bedroom	1	Window Sash	Paint Restoration	1	EA	3.00	3.00
Bedroom	4	Window Sash	Paint Restoration	3	EA	3.00	9.00
Bedroom	5	Window Sill	Paint Restoration	3	EA	12.88	38.64
Stairway	2	Wall	Paint Restoration	90	SF	1.78	160.90
200 Navy Way							
Exterior	1	Window Well	Paint Restoration	27	EA	12.88	347.66
300 Navy Way							
Bathroom	1	Window Molding	Paint Restoration	1	EA	22.54	22.54
Bathroom	4	Window Molding	Paint Restoration	1	EA	22.54	22.54
Hallway	2	Wall	Paint Restoration	208	SF	1.78	370.24
1600 Hobson Ave.							
Exterior	1	Siding	Paint Restoration	500	SF		
Living	2	Chair Rail	Paint Restoration	56	LF	1.00	56.00
99 Navy Way							
Bathroom	2	Door Molding	Paint Restoration	1	EA	16.50	16.50
Mechanical	2	Door Jam	Paint Restoration	2	EA	16.50	33.00
Porch	2	Door - ext.	Paint Restoration	2	EA	40.73	81.46
Porch	2	Window Molding	Paint Restoration	5	EA	22.54	112.70
Storage	2	Door	Paint Restoration	1	EA	45.27	45.27
Storage	2	Door Jam	Paint Restoration	1	EA	16.50	16.50
98 Navy Way							
Bathroom	2	Window Sill	Paint Restoration	1	EA	12.88	12.88
Bathroom	3	Radiator	Paint Restoration	50	SF	1.72	86.00
Bathroom	3	Window Sash	Paint Restoration	1	EA	3.00	3.00

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
Bedroom	3	Window Sash	Paint Restoration				
96 Navy Way							
Dining	1	Window Molding	Paint Restoration	4	EA	22.54	90.16
Porch	1	Window Molding	Paint Restoration	2	EA	22.54	45.08
Porch	3	Ceiling	Paint Restoration	182	SF	1.70	323.96
311 Navy Way							
Kitchen	1	Window Sill	Paint Restoration	2	EA	12.88	25.76
Kitchen	1	Window Sash	Paint Restoration	2	EA	3.00	6.00
Living	1	Window Sash	Paint Restoration	5	EA	3.00	6.00
150 Turnbull Ave.							
Garage/Carport	1	Door	Paint Restoration	2	EA	112.77	225.54
Garage/Carport	1	Vent, HVAC	Replace	2	EA	1.72	3.44
152 Turnbull Ave.							
Bathroom	2	Window Sash	Paint Restoration	1	EA	3.00	3.00
Bedroom	1	Door	Paint Restoration	1	EA	45.27	45.27
Mechanical	2	Wall	Paint Restoration	480	SF	1.78	854.40
Porch	2	Window Molding	Paint Restoration	5	EA	22.54	112.20
1485 Turnbull Ave.							
Exterior	1	Door - ext.	Paint Restoration	6	EA	45.27	271.62
1505 Turnbull Ave.							
Bedroom	3	Window Sill	Paint Restoration	6	EA	12.88	77.28
Exterior	1	Door	Paint Restoration	6	EA	45.27	271.62
Exterior	1	Handrail	Paint Restoration	20	LF	1.00	20.00
Hallway	1	Closet Door	Paint Restoration	1	EA	45.27	45.27
1565 Turnbull Ave.							
Dining	1	Door	Paint Restoration	2	EA	45.27	90.54

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
160 Everglades Dr.							
Mechanical	2	Wall	Paint Restoration	480	SF	1.78	854.40
161 Everglades Dr.							
Mechanical	1	Door - ext.	Paint Restoration	1	EA	40.73	40.73
Mechanical	2	Door - ext.	Paint Restoration	2	EA	40.73	81.76
1516 Hobson Ave.							
Porch	1	Trim	Paint Restoration	80	SF	1.79	143.20
Porch	2	Wall	Paint Restoration	784	SF	1.78	1,395.52
Lead in Soil							
All Units	N/A	All Structure Foundations	Mulch or Vegetate All Bare Soil	9,850	SF	0.50	4,925.00
311 Navy Way	N/A	All	Mulch or Vegetate All Bare Soil	2,000	SF	0.50	1,000.00
161 Everglades Dr.	N/A	All	Mulch or Vegetate All Bare Soil	2,000	SF	0.50	1,000.00
<b>Subtotal</b>							<b>21,798.58</b>
SIOH and Bond - 8% of Subtotal							1,743.89
Contingency - 5% of Subtotal							1,089.93
<b>Total</b>							<b>24,632.40</b>
One-time Activity Cost							
<b>Subtotal</b>							<b>6,800.00</b>
SIOH and Bond - 8% of Subtotal							544.00
Contingency - 5% of Subtotal							340.00
<b>Total</b>							<b>7,684.00</b>

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
INTERIM CONTROL							
Annual Community Cost							
<b>Subtotal</b>							9,180.00
SIOH and Bond - 8% of Subtotal							734.40
Contingency - 5% of Subtotal							459.00
<b>Total</b>							<b>10,373.40</b>

# APPENDIX I

## MAPS AND FLOOR PLANS

Inspected Housing Units<sup>1</sup>

Unit # <sup>2</sup>	Address <sup>3</sup>	Floor Plan Type
1	100 NAVY WAY	TYPE1
2	200 NAVY WAY	TYPE2
3	300 NAVY WAY	TYPE3
4	1600 HOBSON AVE	TYPE4
5	99 NAVY WAY	TYPE5
6	98 NAVY WAY	TYPE6
7	96 NAVY WAY	TYPE7
8	311 NAVY WAY	TYPE8
9	150 TURNBULL AVE	TYPE9
10	152 TURNBULL AVE	TYPE9
11	1485 TURNBULL AVE	TYPE9
12	1505 TURNBULL AVE	TYPE9
13	1565 TURNBULL AVE	TYPE9
14	1599 TURNBULL AVE	TYPE9
15	160 EVERGLADES DR	TYPE9
16	161 EVERGLADES DR	TYPE9
17	1510 HOBSON AVE	TYPE10
18	1516 HOBSON AVE	TYPE10
19	1451 AVENUE H	TYPE11
20	1463 AVENUE H	TYPE11
21	1303 AVENUE H	TYPE12
22	1309 AVENUE H	TYPE12
23	774 MARINE AVE	TYPE13
24	778 MARINE AVE	TYPE14

<sup>1</sup> Same housing units inspected for asbestos containing material and lead-based paint.

<sup>2</sup> See Definitions - Appendix II.

<sup>3</sup> See Community Map for a pictorial representation of housing units inspected.

\* Units that were chosen to have inspections performed for lead in dust and lead in soil.

**Note:** A greater number of units were randomly selected for sample size than were actually inspected to allow for scheduling contingencies. This accounts for unit numbers greater than the total number of units inspected.





LEAD MANAGEMENT PLAN

OFFICER SINGLE FAMILY HOUSING

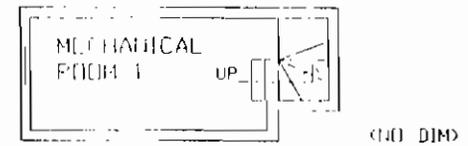
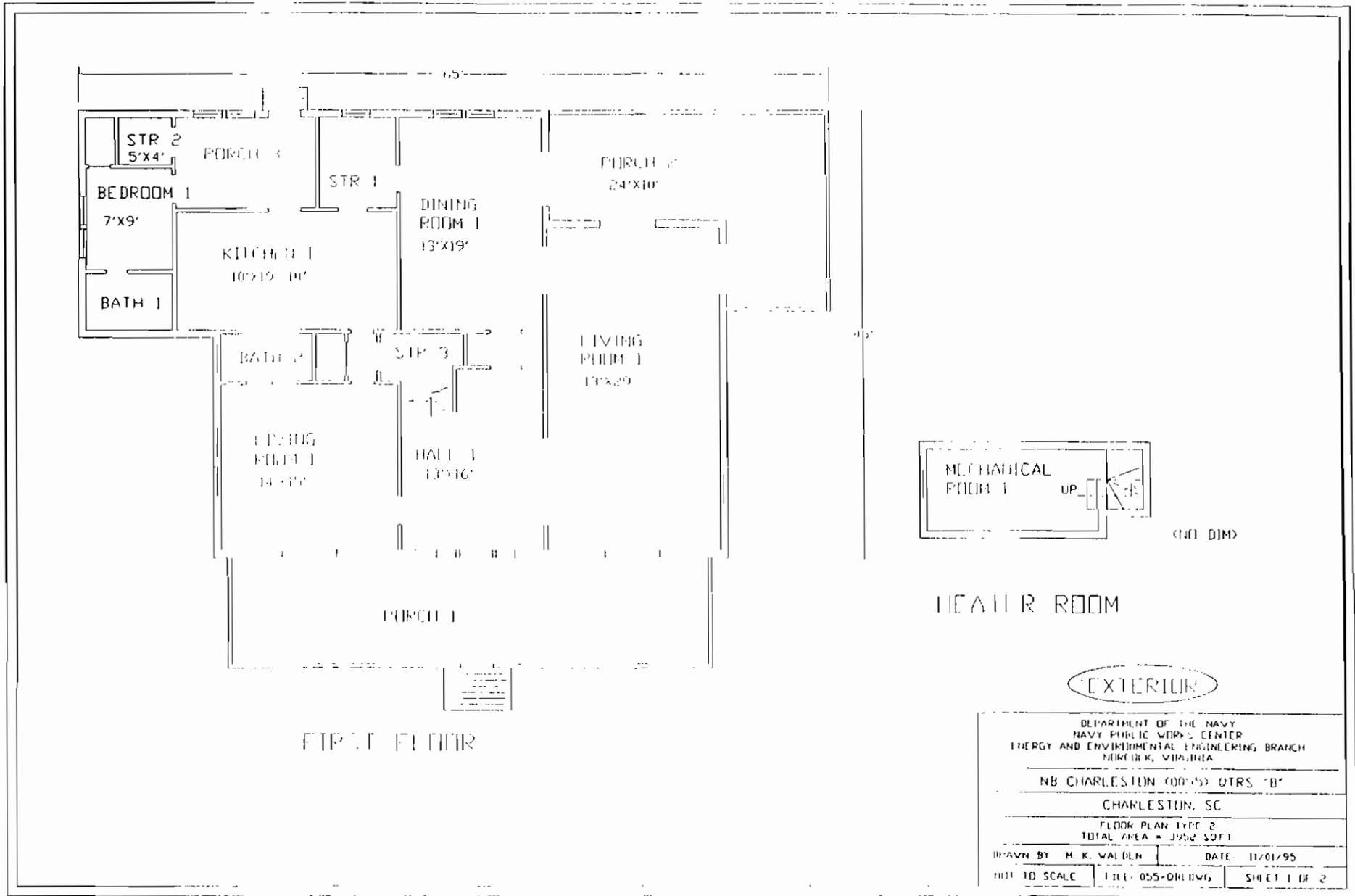


EXTERIOR

DEPARTMENT OF THE NAVY  
 NAVY ENGINEERING CENTER  
 ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH  
 1000 N. WASHINGTON  
 CHARLESTON, SOUTH CAROLINA 29405

DESIGNED BY: [ ]  
 DRAWN BY: M. H. WALLEN  
 DATE: 10/20/05  
 SHEET NO.: 1 OF 1

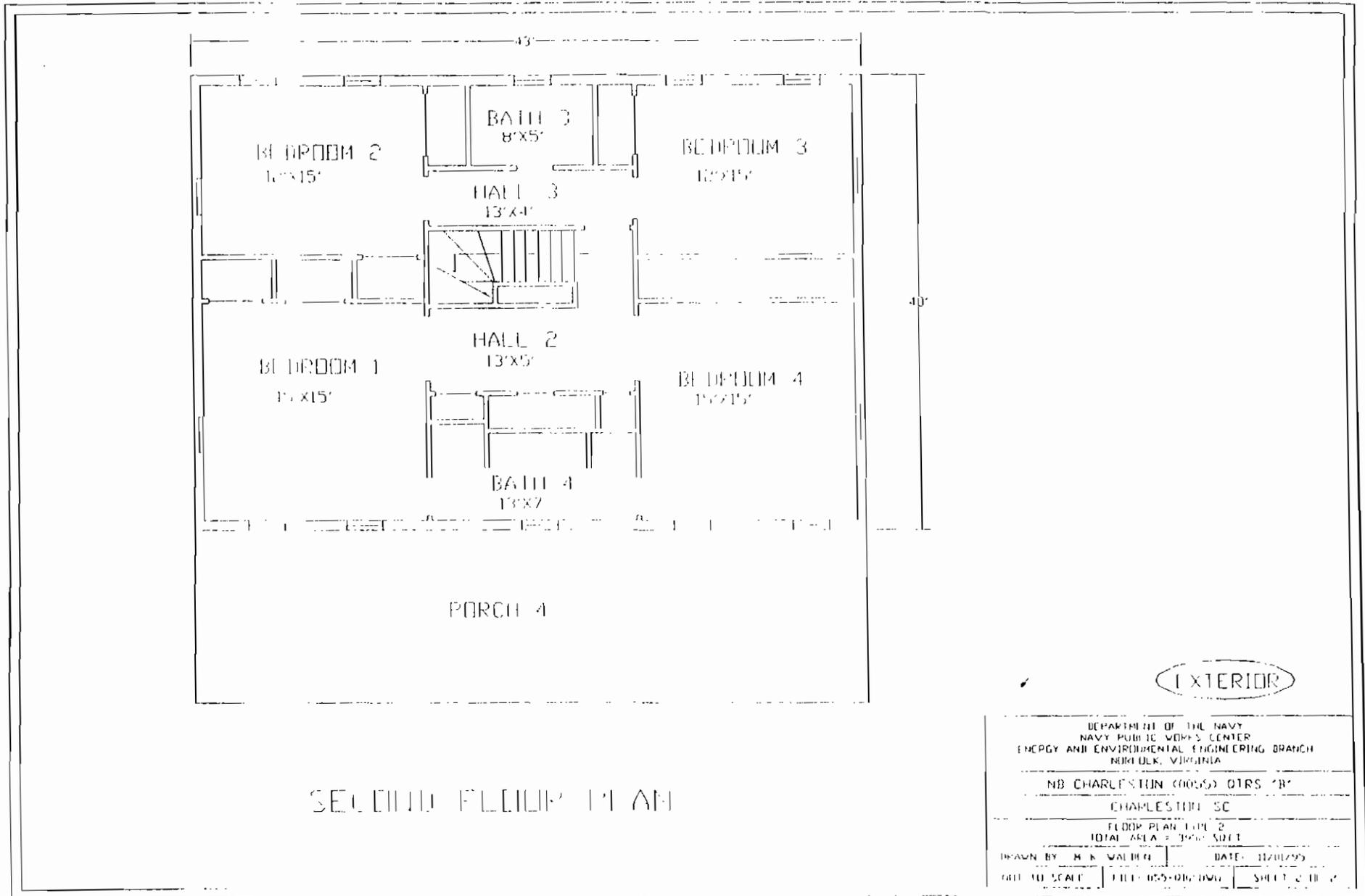
PROJECT: OFFICER SINGLE FAMILY HOUSING  
 TITLE: LEAD MANAGEMENT PLAN



HEATER ROOM

EXTERIOR

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NB CHARLESTON (0005) QTRS "B"		
CHARLESTON, SC		
FLOOR PLAN TYPE 2 TOTAL AREA = 3952 SQFT		
DRAWN BY: M. K. WALDEN	DATE: 11/01/95	
DWG TO SCALE	DWG NO: 055-001DWG	SHEET 1 OF 2



SECOND FLOOR PLAN

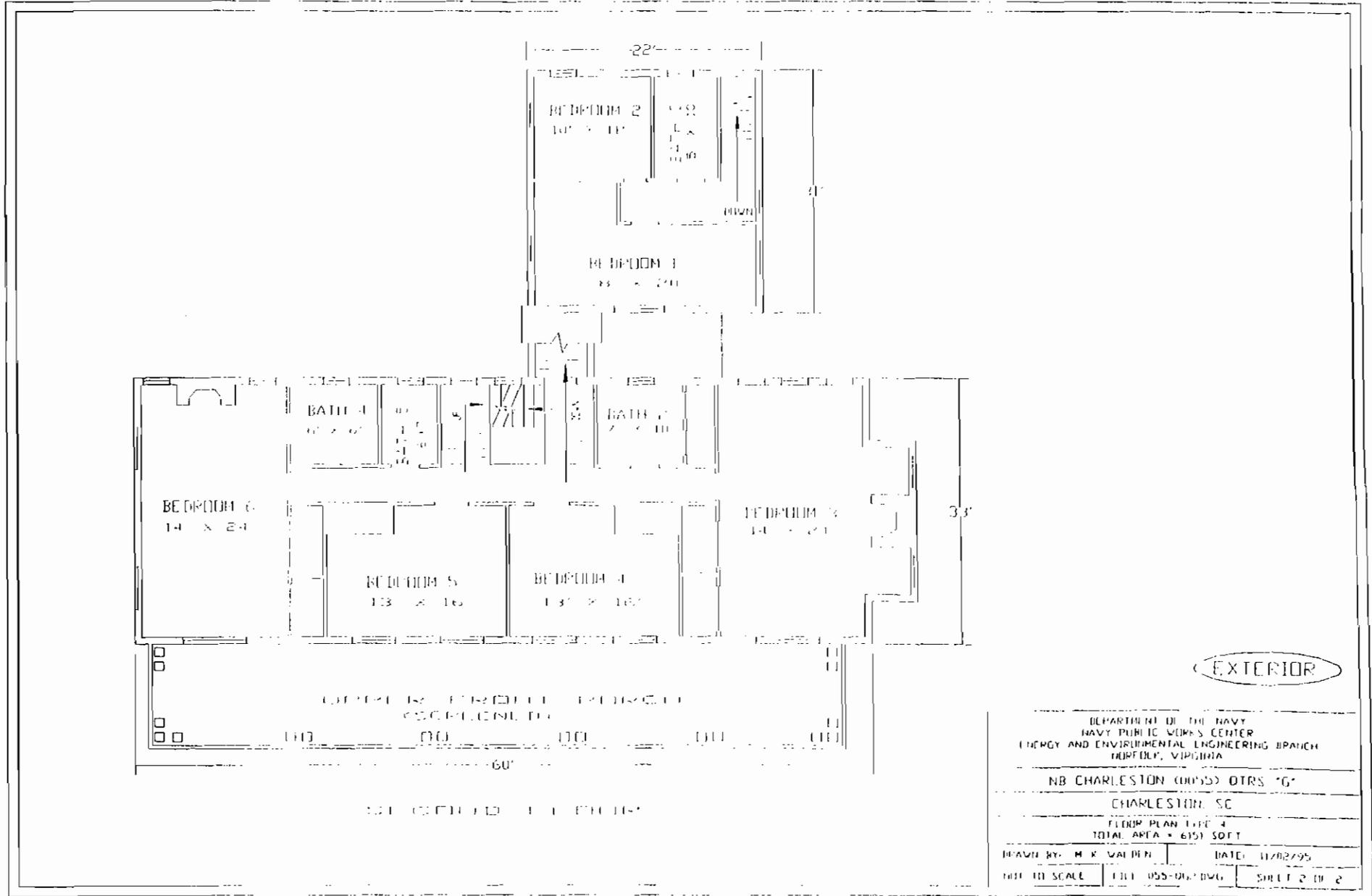
EXTERIOR

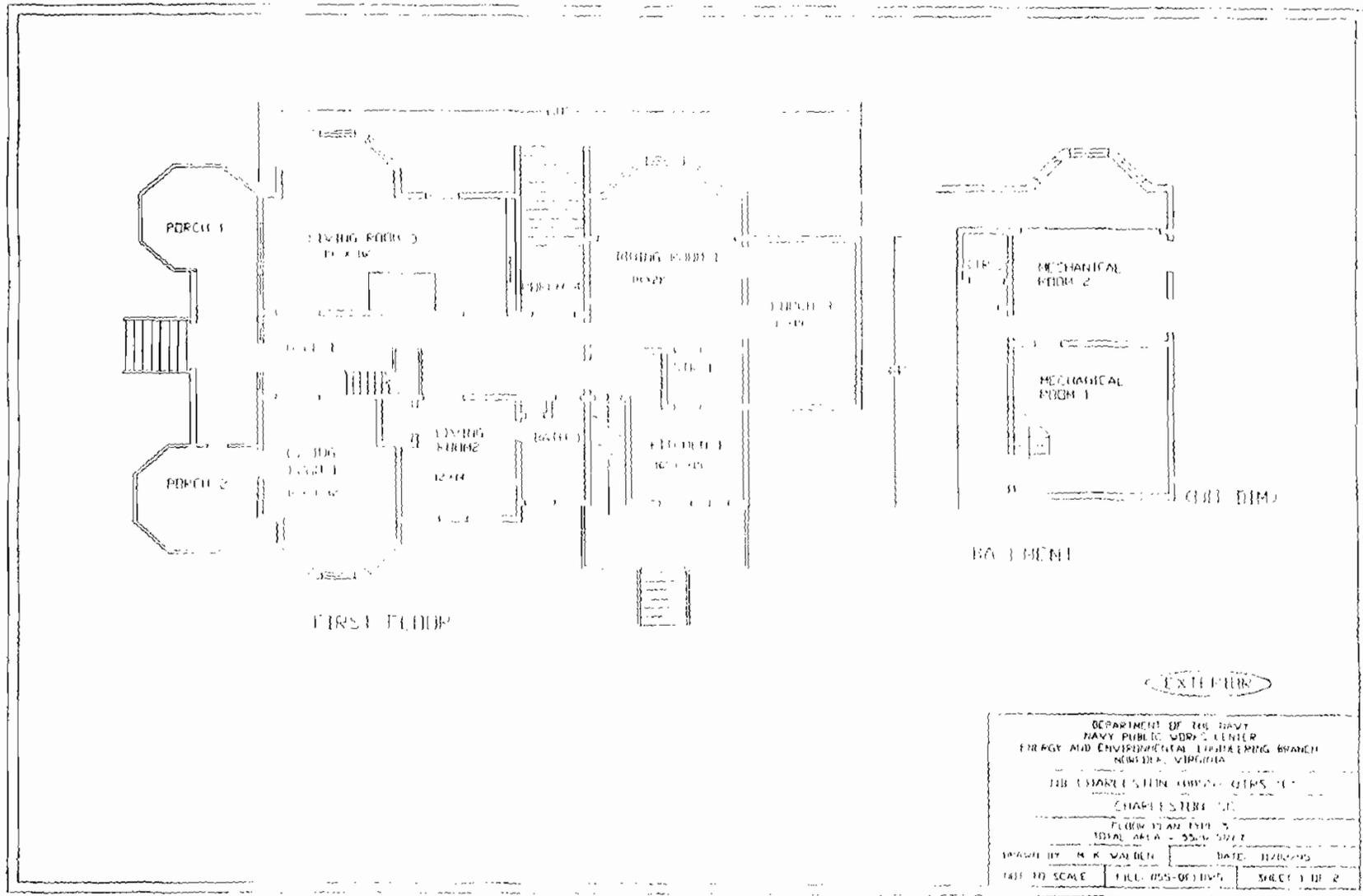
DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH NOF DLK, VIRGINIA		
NB CHARLESTON (0055) OTRS 1B		
CHARLESTON, SC		
FLOOR PLAN 1 OF 2 TOTAL AREA = 3960 SQFT		
DRAWN BY: H. K. WALDEN	DATE: 11/01/95	
FILE NO: SCALE	FILE: 055-010-000	SHEET: 2 OF 2

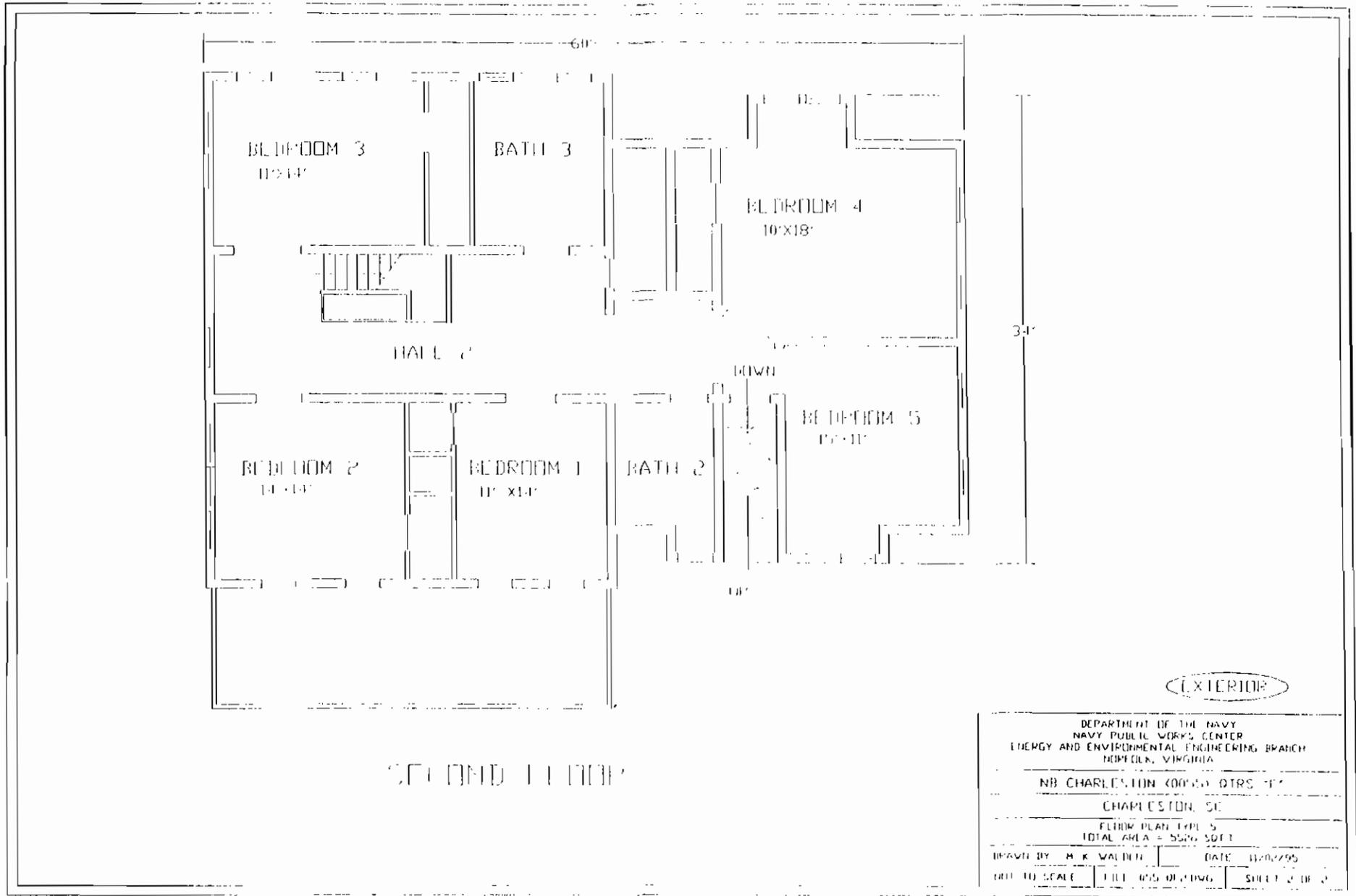


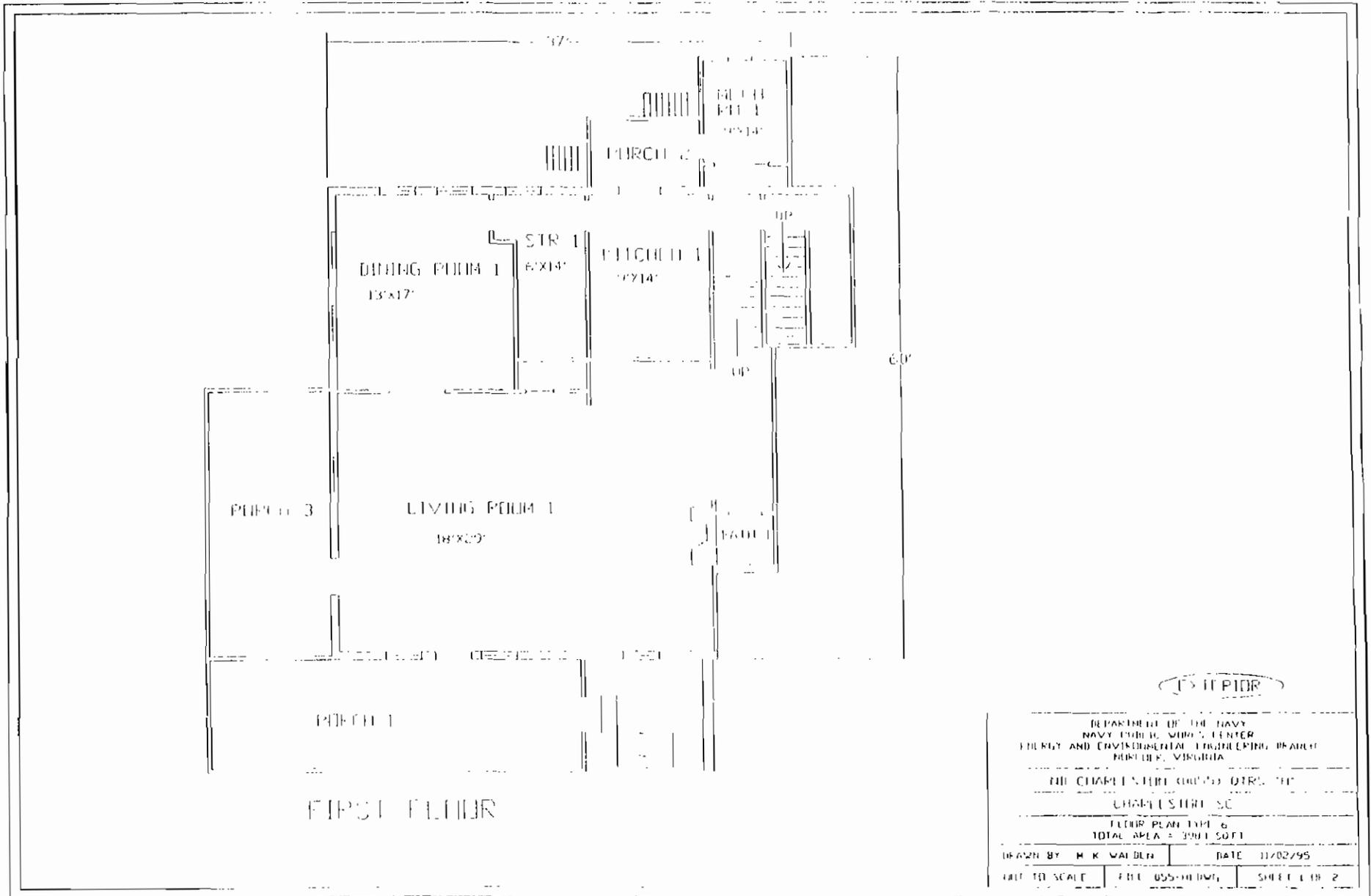






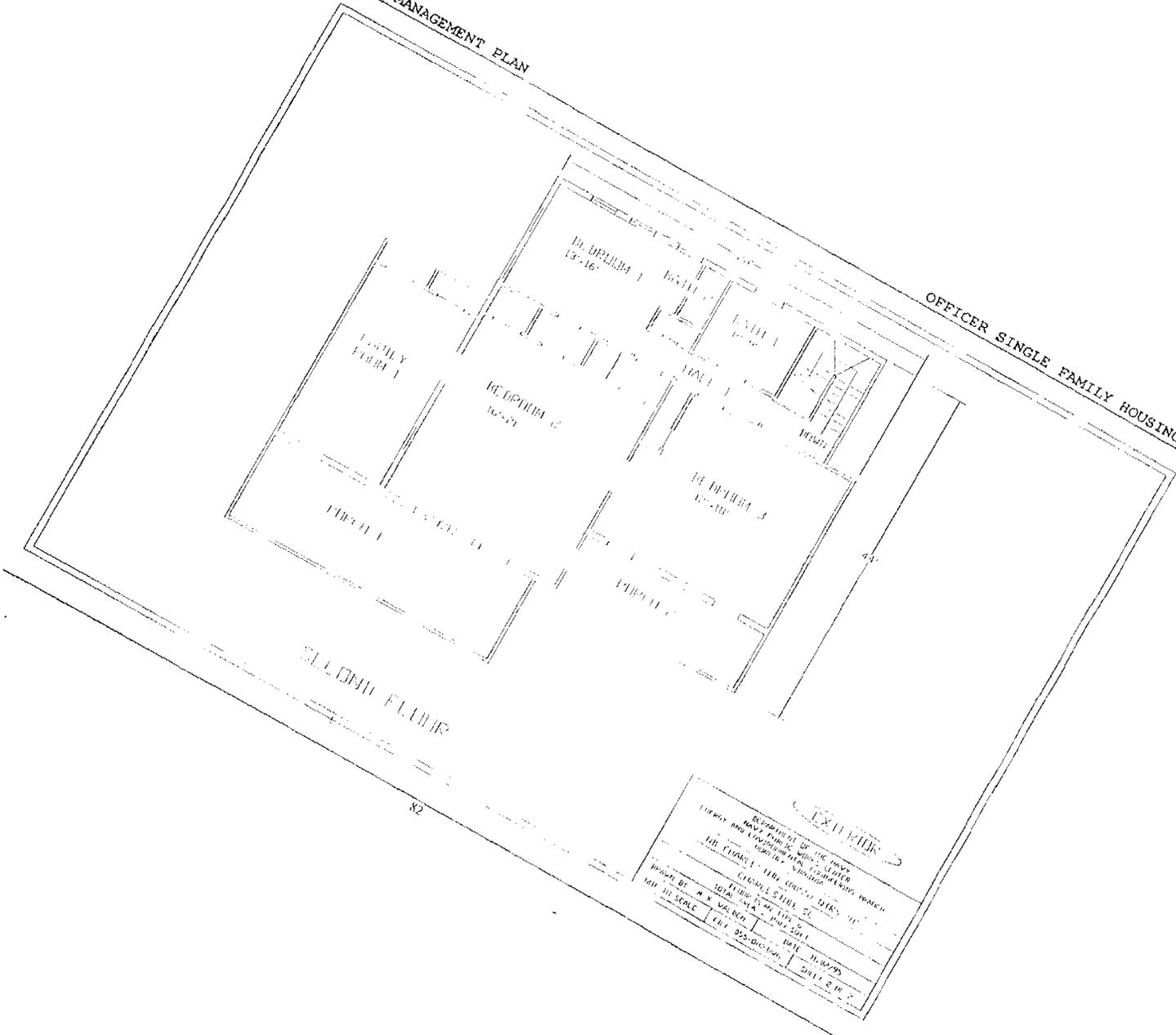






LEAD MANAGEMENT PLAN

OFFICER SINGLE FAMILY HOUSING



SECOND FLOOR

EXHIBIT

DEPARTMENT OF THE ARMY  
ENGINEER REGIMENT, 3RD AVIATION BRIGADE  
FORT CARROLL, MARYLAND

PROJECT: 1480-001-0000-0000

DESIGNED BY: CARROLL STEPHEN, CE

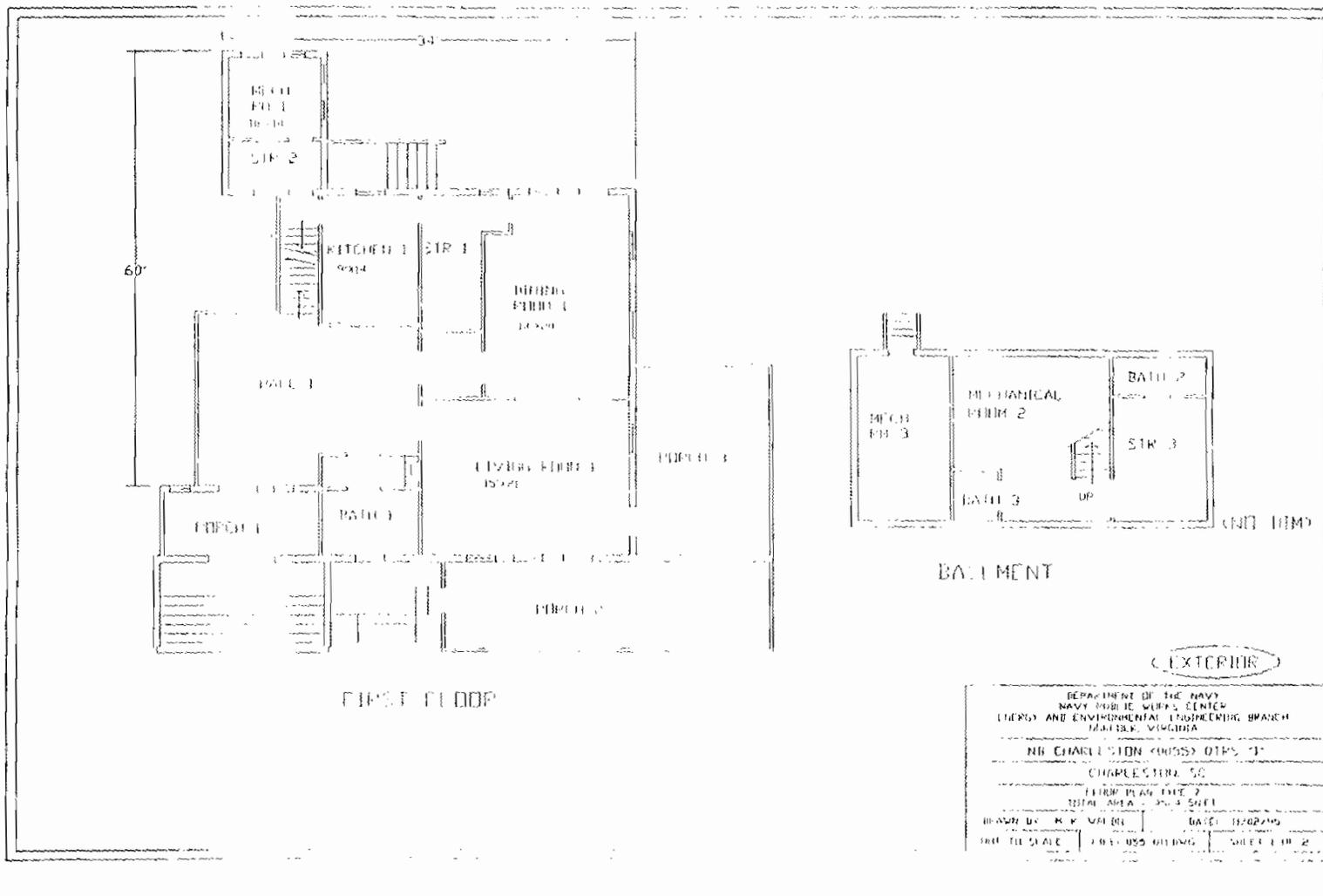
DRAWN BY: M. WELDON

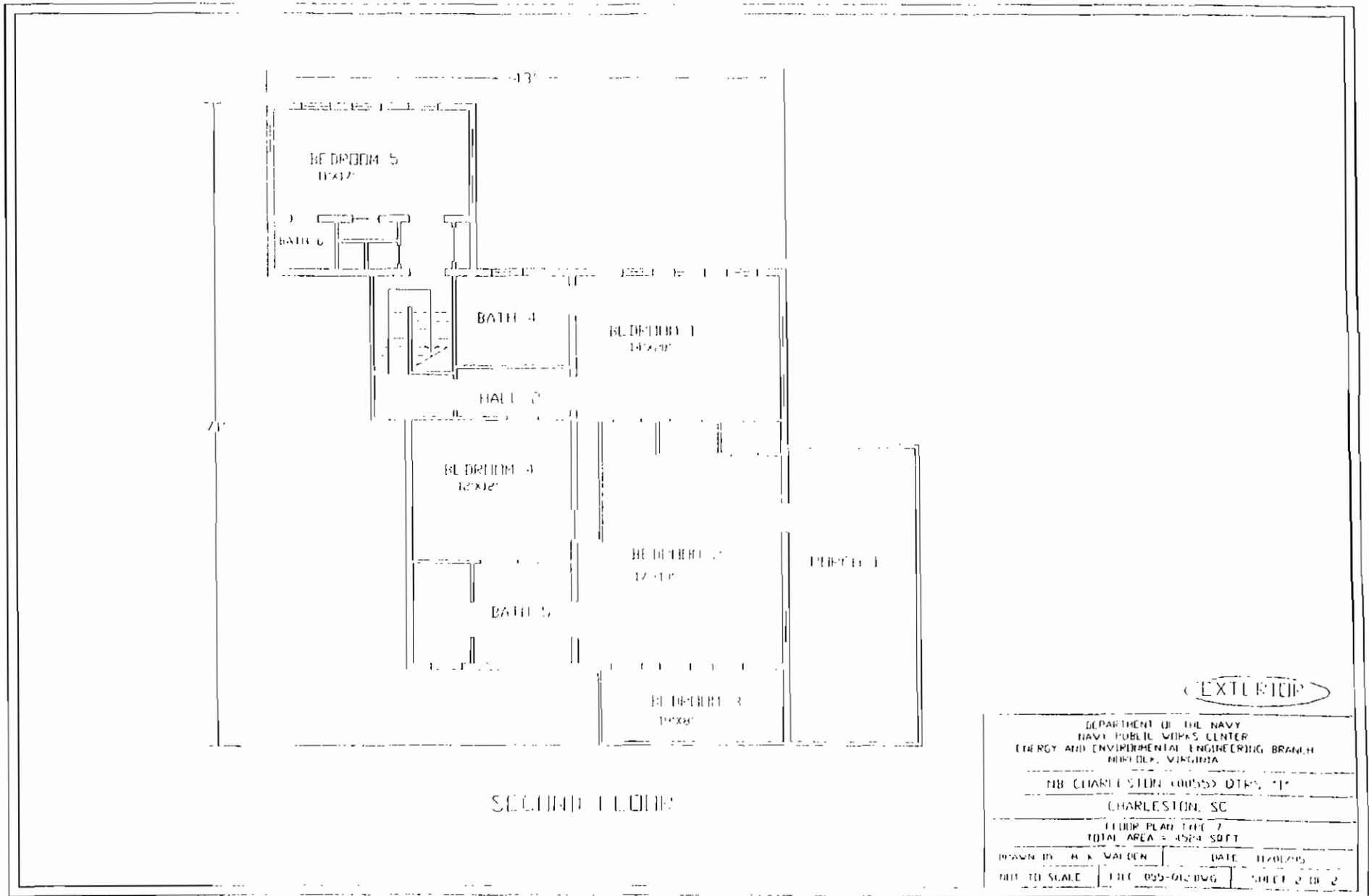
CHECKED BY: CARROLL STEPHEN, CE

DATE: 11/19/92

SCALE: 1/8" = 1'-0"

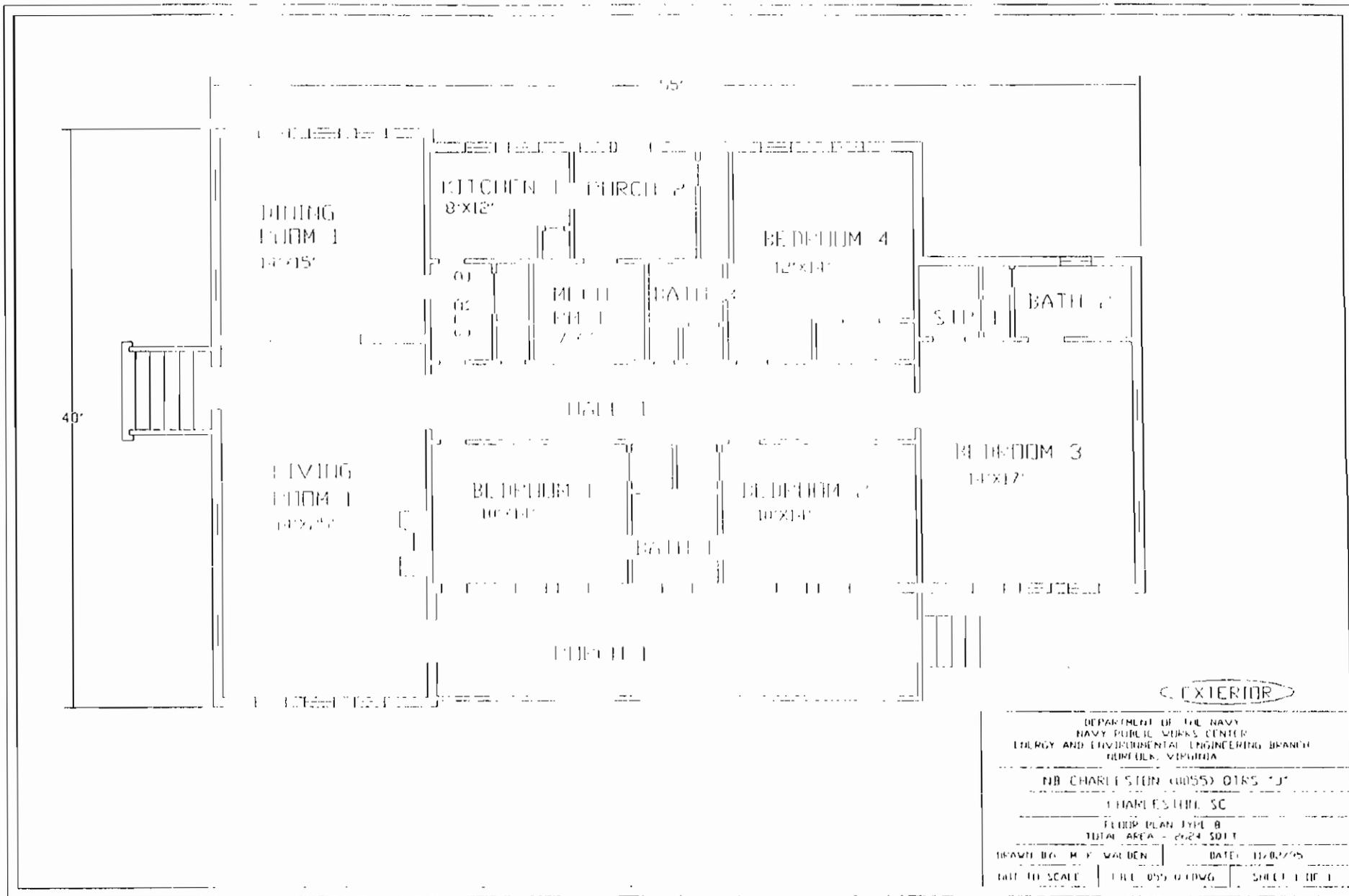
DATE: 11/19/92





EXTERIOR

DEPARTMENT OF THE NAVY NAVAL PUBLIC WORKS CENTER ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH NOFDDX, VIRGINIA	
NB CHARLESTON (0055) DTR, 11	
CHARLESTON, SC	
FLOOR PLAN TYPE 7 TOTAL AREA = 4524 SQFT	
DRAWN BY: B. K. WALDEN	DATE: 11/20/95
REV. TO SCALE	FIG. 055-012 DMG
	SHEET 2 OF 2

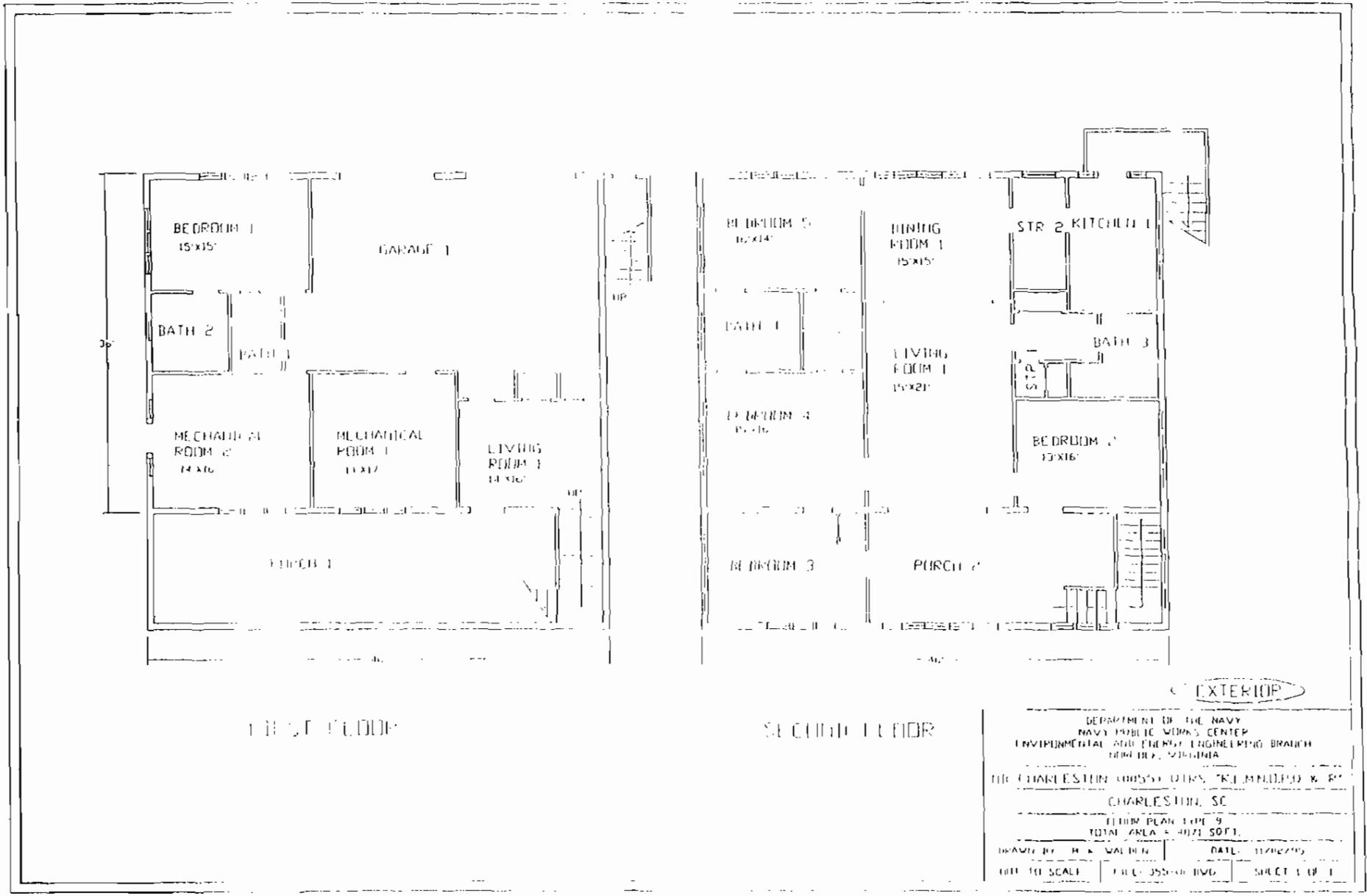


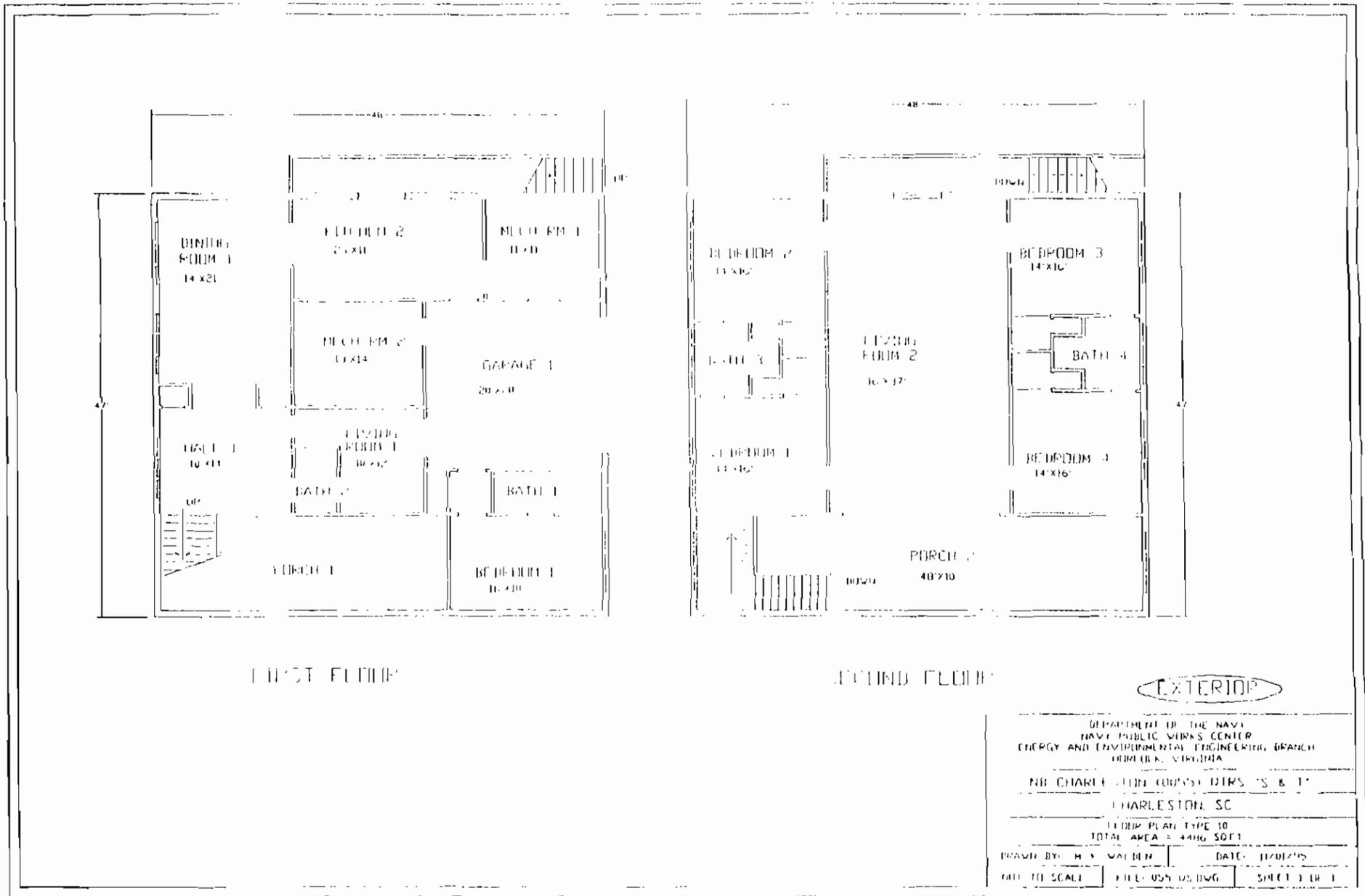
EXTERIOR

DEPARTMENT OF THE NAVY  
 NAVY PUBLIC WORKS CENTER  
 ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH  
 NORFOLK, VIRGINIA

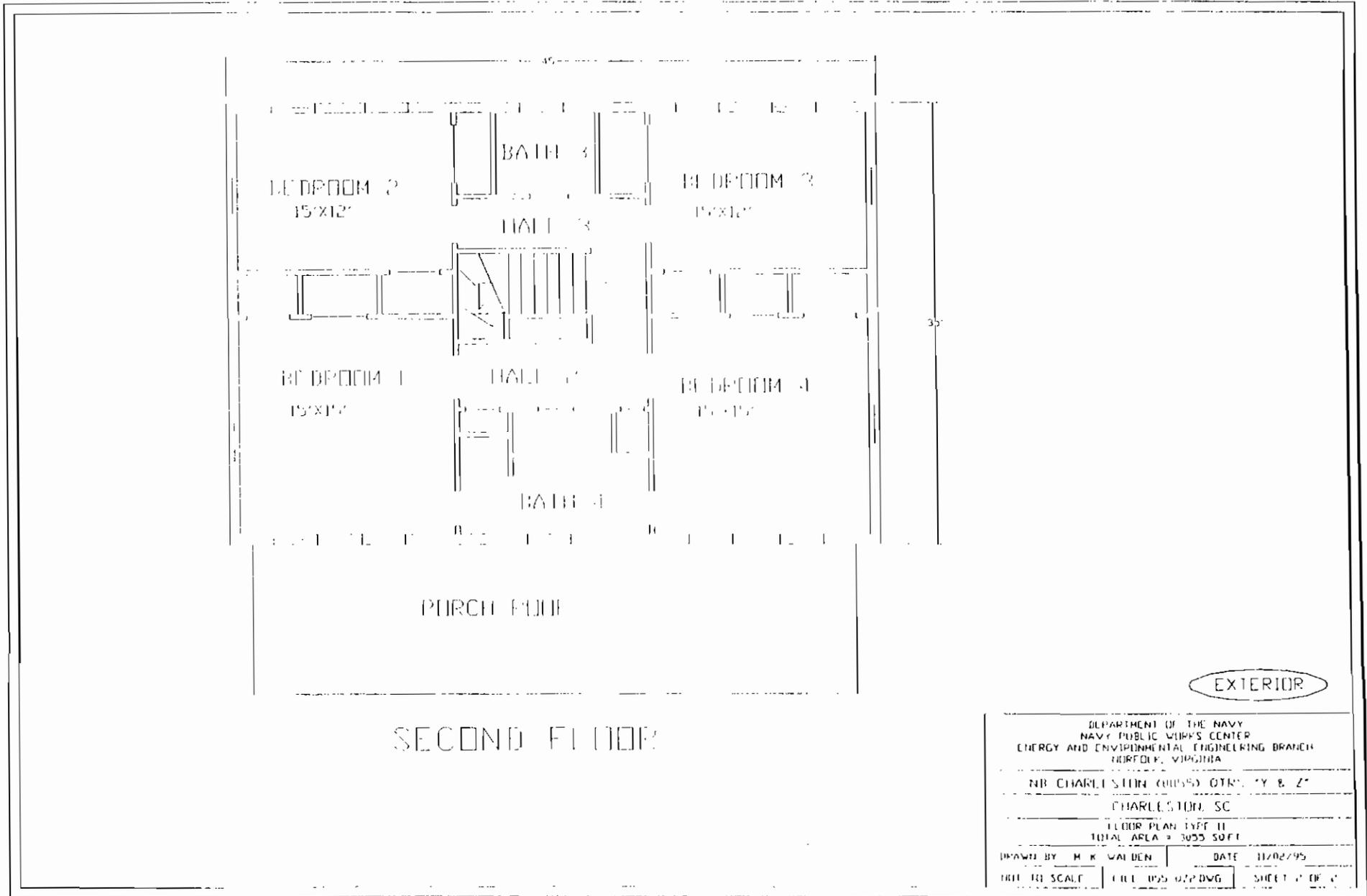
NB CHARLESTON (0055) 01RS 1J1  
 CHARLESTON, SC  
 FLOOR PLAN TYPE B  
 TOTAL AREA - 2624 SQ FT

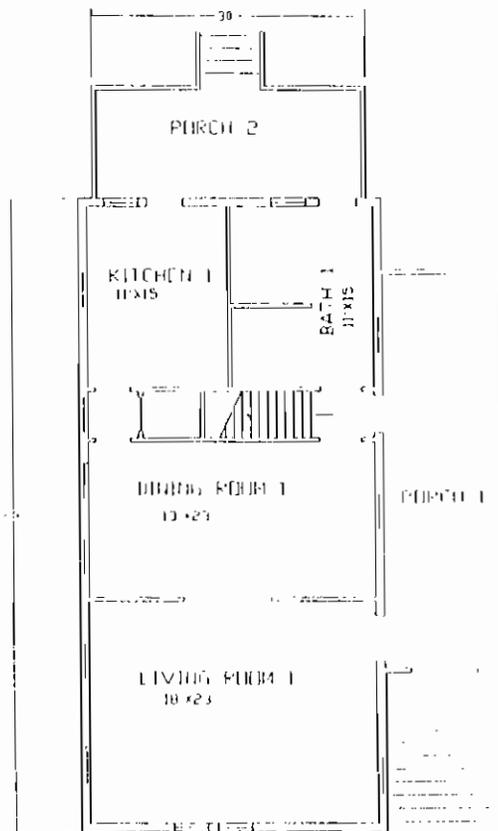
DRAWN BY: M. F. WALDEN      DATE: 11/07/95  
 DATE TO SCALE: FEB. 055 01R06      SHEET 1 OF 1



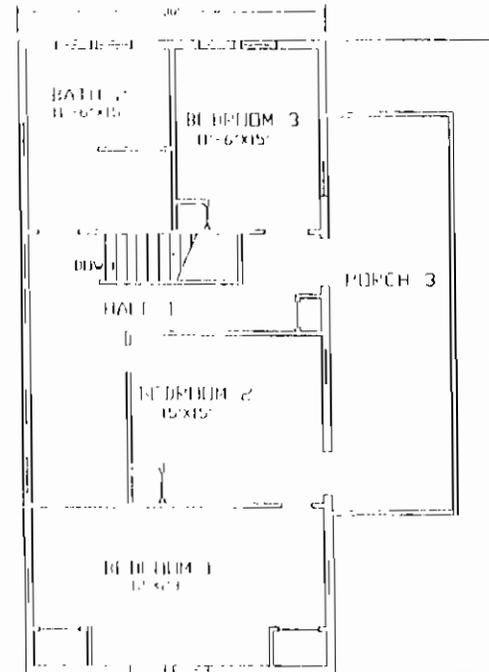




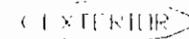




FIRST FLOOR



SECOND FLOOR



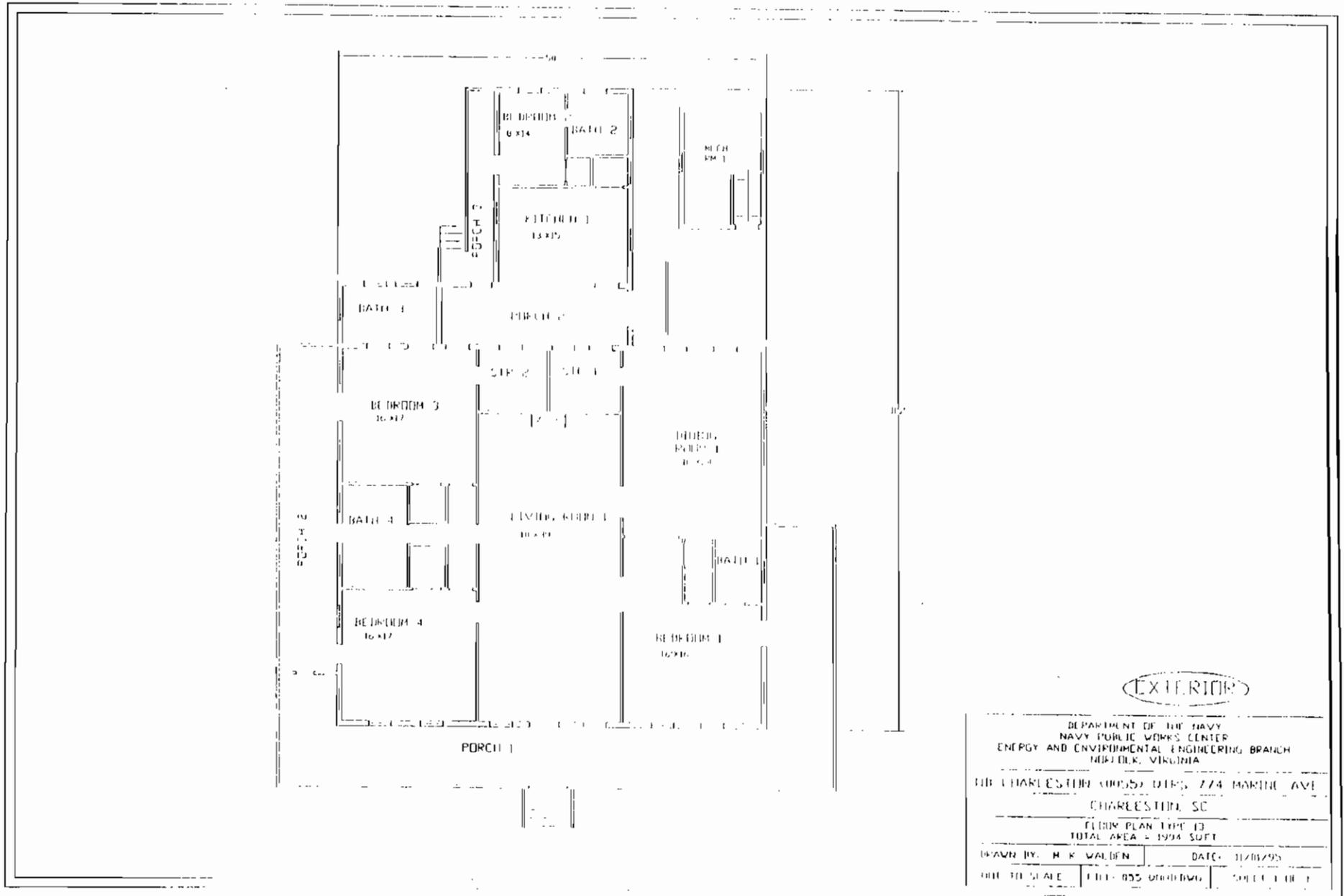
DEPARTMENT OF THE NAVY  
NAVY PUBLIC WORKS CENTER  
ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH  
NOFORK, VIRGINIA

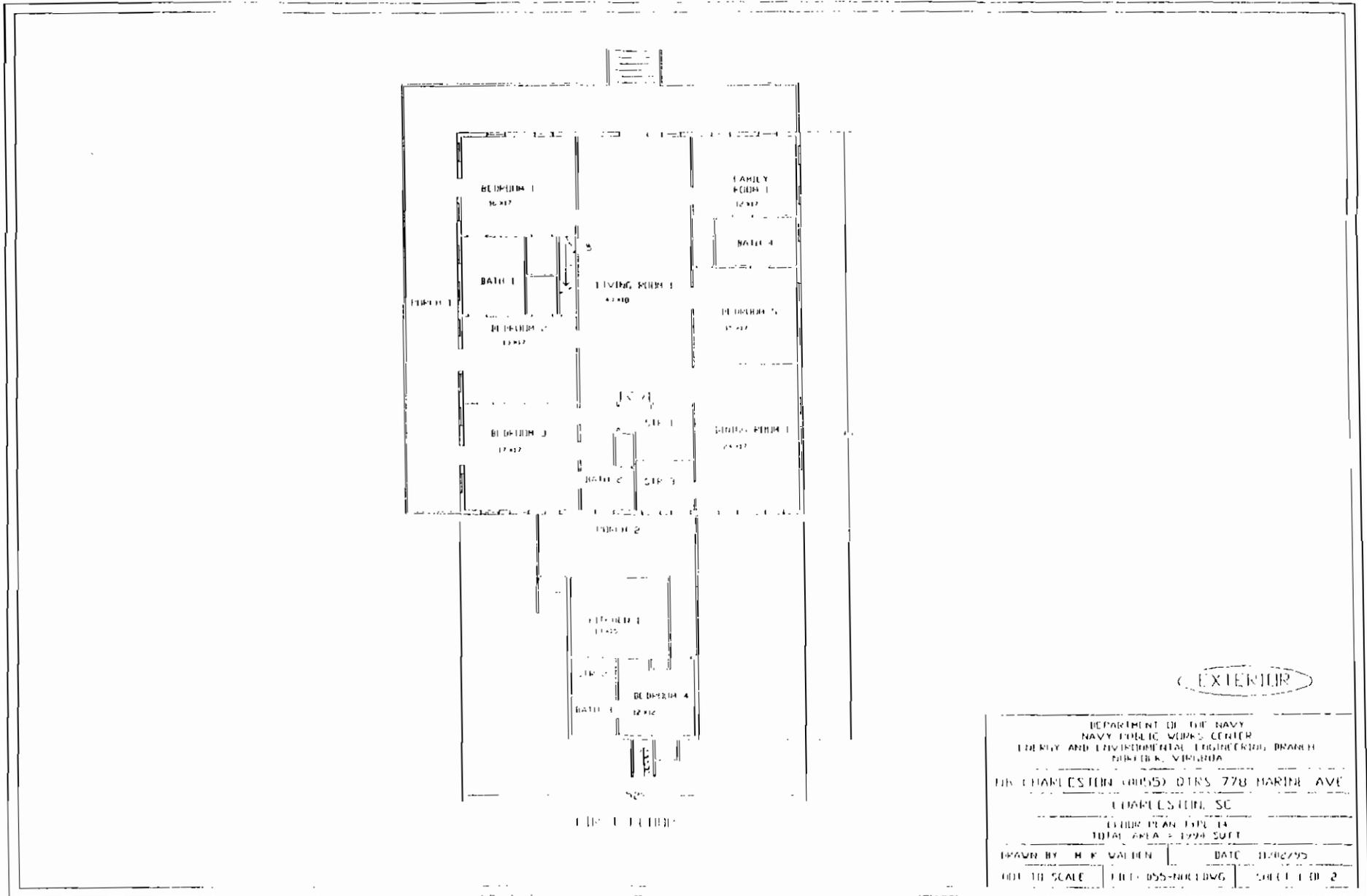
THE CHARLESTON (0055) OPNS "NH-H & NH-1"

CHARLESTON SC

FLOOR PLAN LFL 12  
TOTAL AREA = 2048 SQFT

DRAWN BY: H. K. VALLEN	DATE: 11/01/95
PROJ. NO. SCALE	FILE: 055-NH-DWG
SHEET 1 OF 1	





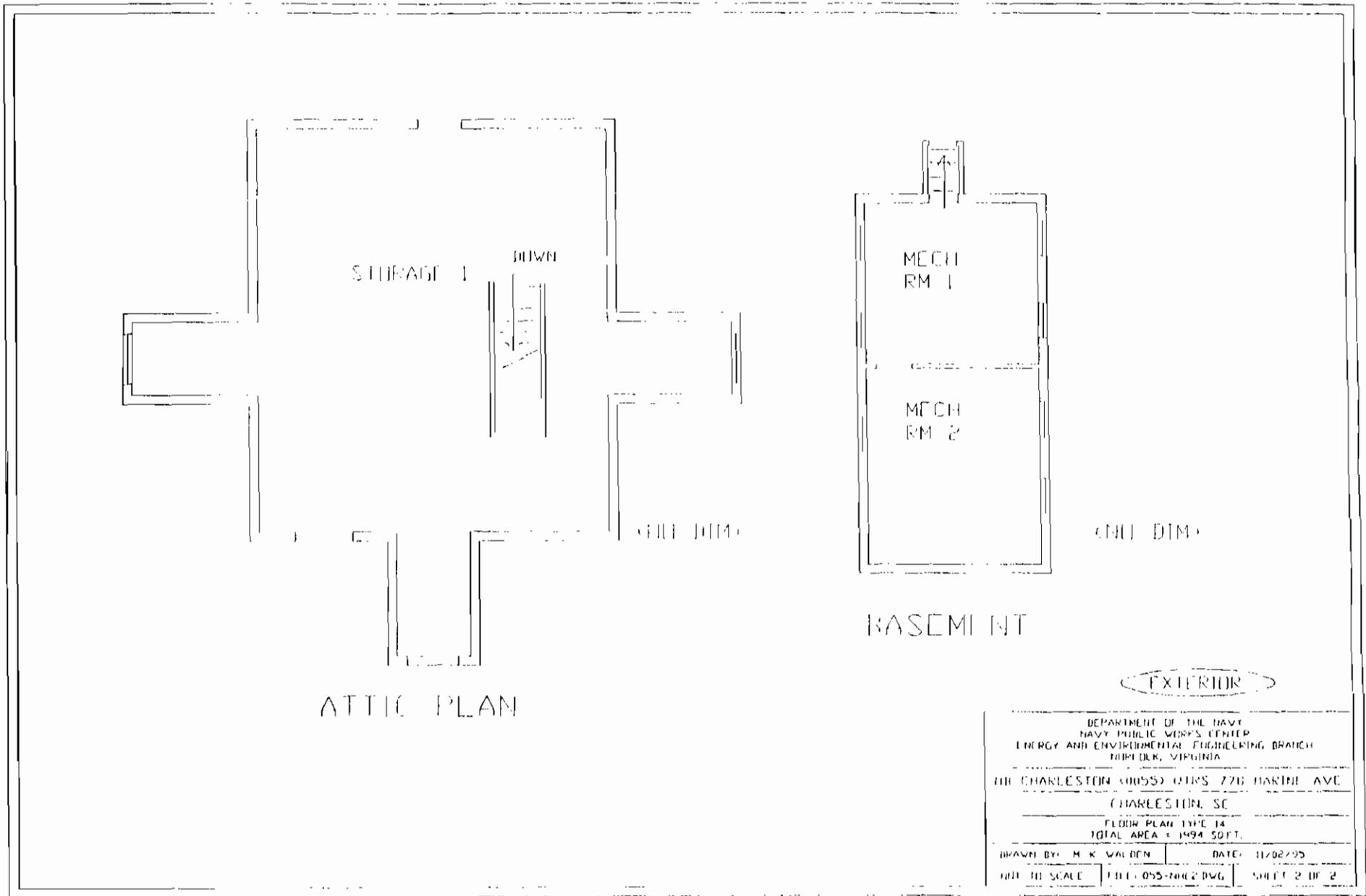
EXTERIOR

DEPARTMENT OF THE NAVY  
 NAVY PUBLIC WORKS CENTER  
 ENERGY AND ENVIRONMENTAL ENGINEERING BRANCH  
 NORFOLK, VIRGINIA

1101 CHARLESTON CROSS DTRS 778 MARINE AVE  
 CHARLESTON, SC

LEAD PLAN 1501 14  
 TOTAL AREA = 1994 SQ FT

DRAWN BY H. K. WALDEN | DATE 11/02/95  
 001 TO SCALE | FILE 055-NOR10WG | SHEET 1 OF 2



# APPENDIX II

## DEFINITIONS

**Abatement** - Any set of measures designed to permanently eliminate lead-based paint hazards in accordance with standards established by the administration under Title IV of TSCA. Includes preparation, cleanup, disposal, and post-abatement clearance testing activities associated with such measures.

**Action Levels (Per HUD/EPA Guidelines):**

- Lead-based paint - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.
- Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).
- Lead in soil - < 400 ppm\* - no action necessary  
400 -5000 ppm\* - interim controls  
> 5000 ppm\* - abatement necessary  
\*parts per million (ppm)

**Abatement Options:**

- Encapsulation - Resurfacing or covering surfaces and sealing or caulking with durable materials to prevent or control chalking or flaking lead-containing substances from becoming part of house dust or accessible to children.
- Enclosure - Construction of a containment structure or wall to minimize the potential contact with hazards. Use drywall, plywood, vinyl siding and trim, etc.
- Removal - The process of removing the lead-based paint from the component by means of chemicals, scraping, heat, or blasting. Not recommended in most cases.
- Replacement - Strategy of abatement that entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components, free of lead paint. Cost of replacement may be incidental to ongoing renovation efforts (i.e., replacement of windows eliminates primary LBP hazard source, improves buildings energy performance, increases occupant comfort level, and reduces maintenance costs).
- Operations and Maintenance (O&M) - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Action Response Time-frame:**

- Short-term Response - Perform hazard minimization action specified per lead-based paint component and lead-contaminated dust/soil situation within 6-12 months.
- Interim Control - Measures that mitigate the hazard until permanent abatement occurs.
- Renovation - Abate specified lead-based paint and lead-contaminated dust/soil, as numerically prioritized, during future renovation projects.
- Demolition - Adhere to city/state guidelines and regulations for waste disposal.

**Blood Lead Levels** - A measure of the concentration of lead in whole blood, typically expressed in micrograms of lead per deciliter ( $\mu\text{g}/\text{dl}$ ). It indicates the amount of lead circulating in the bloodstream and is the best initial measurement to evaluate lead exposure. A multitier classification of blood lead levels established by the Centers for Disease Control (CDC) defines lead poisoning.

**Blood Lead Level Screening** - A program by the Centers for Disease Control (CDC) recommends that all children 6 years of age and younger be evaluated for lead exposure and tested for blood lead levels when appropriate. Preventing Lead Poisoning in Young Children: a statement by the Centers for Disease Control details the provisions of this screening program.

**Certified Inspector** - A person who has completed a training program certified by the appropriate Federal agency and has met any other requirements for certification or licensing established by such agency.

**Community Number** - Navy Family Housing community name and numerical designation provided by PWC Norfolk, Virginia for program management.

**Friction Surface** - An interior or exterior surface that is subject to abrasion or friction, including certain window, floor, and stair surfaces.

**Hazard Potential** - Quantitative assessment that involves the use of a hazard rating system to evaluate the potential hazard from lead. It includes the following parameters:

- Lead in paint content
- Paint condition
- Location of LBP component (interior/exterior)
- Surface mouthable or non-mouthable
- Lead in dust contamination
- Lead in soil contamination
- Lead in water contamination
- Children with elevated blood lead levels
- Building use

The hazard potential is given in the follow terms:

- High - A potentially hazardous situation exists in the community and a potential health risk to the residents is present.
- Moderate - A potentially hazardous situation exists in the community and a potential health risk to the residents may be present.
- Low - LBP components evaluated to be a minor health risk.

**Hazard Priority Levels** - Prioritization of hazard potential categories with recommended action response.

- Level 1 (High Hazard Potential) - Interior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 2 (High Hazard Potential) - Interior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 3 (Moderate Hazard Potential) - Exterior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 4 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 5 (Low Hazard Potential) - Interior and mouthable LBP component in good condition. Recommended action response is O&M.

Lead in soil - < 400 ppm\* - no action necessary  
 400 -5000 ppm\* - interim controls  
 > 5000 ppm\* - abatement necessary  
 \*parts per million (ppm)

**Mitigation** - Any action taken to reduce or minimize the potential hazards of lead-based paint.

**Mouthable** - An interior or exterior surface that is accessible for a young child to mouth or chew.

**Non-homogenous** - Housing units built at different times using different materials.

**Non-mouthable** - An interior or exterior surface that is not accessible for a young child to mouth or chew.

**Operations and Maintenance (O&M)** - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Operations and Maintenance (O&M) Cost Factor** - A multiplier for calculating annual O&M costs derived from the time estimated for LBP component surveillance and record keeping.

# Positive LBP Components	Surveillance (time per unit)	Record Keeping (time per unit)	O&M Annual Cost Factor (time per unit)	O&M Cost per unit per year (based on \$50.00 per hour labor)
1 to 30	0.50	1.00	1.50	\$ 75.00
31 to 60	0.75	1.50	2.25	\$112.50
61 to 90	1.00	2.00	3.00	\$150.00
91 to 120	1.25	2.50	3.75	\$187.50
120 +	1.25	3.00	4.25	\$212.50

**Paint Conditions:**

- Chalking (C) - A film picked-up by touching the surface.
- Intact (I) - No damage (0%).
- Major Damage (MJR) - Flaking, peeling, blistering of 35% or more of the surface area (greater than 35%).
- MFG Finish (MFG) - Factory painted (i.e., range exhaust, storm doors, cabinets).
- Minor Damage (MNR) - Flaking, peeling, blistering of less than 35% of the surface area (less than 35%).
- Not Painted (NP) - No paint (i.e., bare wood, vinyl/metal siding).
- Varnish/Stain (VS) - Any stain, varnish, polyurethane application to the surface.

**Substrate Condition:**

- Good (G) - No damage.
- Fair (F) - Rot, missing substrate of the surface area.
- Poor (P) - Rot, missing substrate of the surface area.

**Toxic Characteristic Leachate Procedure (TCLP)** - A laboratory testing procedure to determine the presence of hazardous constituents in sample.

**TSP** - Tri-sodium phosphate solution diluted in water.

**UIC Number** - An alpha-numeric code assigned by DOD to represent each Activity/Command.

**Unit Number** - A numerical designation used by PWC Norfolk, Virginia to allow for accountability of units within an inspected community; used for project management.

**X-ray Fluorescent Spectrum Analyzer (XRF)** - An instrument that determines lead concentrations in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of X-ray fluorescence. This type of analyzer provides the operator with a plot of energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

**Note:** The following pages contain pictorial representations of wall/room designations and component descriptions.



Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Window Sash	100	I	0	Y	Wood
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Molding	100	I	0	Y	Wood
Bedroom	4	Radiator Cover	100	I	0	Y	Metal
Bedroom	4	Wall	100	I	0	Y	Dry Wall
Bedroom	4	Window Sash	100	MJR	100	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Shelf	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Radiator Cover	100	I	0	Y	Metal
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Window Sill	100	MJR	100	Y	Wood
Bedroom	6	Baseboard	100	I	0	Y	Wood
Bedroom	6	Closet Door	100	I	0	Y	Wood
Bedroom	6	Closet Shelf	100	I	0	Y	Wood
Bedroom	6	Door Molding	100	I	0	Y	Wood
Bedroom	6	Wall	0	I	0	Y	Dry Wall
Bedroom	6	Window Sill	100	I	0	Y	Wood
Bedroom	6	Window Sash	0	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Cabinet	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Door-ext.	100	I	0	Y	Wood
Dining	1	Fireplace Mante	100	I	0	Y	Wood
Dining	1	Radiator Cover	100	I	0	Y	Metal
Dining	1	Window Sill	0	I	0	Y	Wood
Exterior	1	Bases Of Column	0	I	0	Y	Wood
Exterior	1	Column	0	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Garagedoor	100	I	0	Y	Wood
Exterior	1	Screendoor	100	I	0	Y	Wood
Exterior	2	Door-ext.	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Exterior	2	Siding	100	I	0	Y	Wood
Exterior	2	Wnd Molding	100	I	0	Y	Wood
Exterior	3	Down Spouts	0	I	0	Y	Metal
Exterior	3	Screenframing	0	I	0	Y	Wood
Exterior	3	Wall (lower)	0	I	0	Y	Concrete
Garage/carport	1	Column	100	I	0	Y	Wood
Garage/carport	1	Door	0	I	0	Y	Wood
Garage/carport	1	Door Jam	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	0	I	0	Y	Wood
Garage/carport	1	Floor	0	I	0	Y	Wood
Garage/carport	1	Screendoor	0	I	0	Y	Wood
Garage/carport	1	Siding	100	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Wood
Garage/carport	1	Wall	100	I	0	Y	Wood
Garage/carport	1	Window Sill	100	I	0	Y	Wood
Garage/carport	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Window Sash	100	I	0	Y	Wood
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Door	100	I	0	Y	Wood
Hallway	1	Door Molding	100	I	0	Y	Wood
Hallway	1	Wall	100	I	0	Y	Dry Wall
Hallway	1	Window Sill	100	I	0	Y	Wood
Hallway	1	Window Sash	100	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	100	I	0	F	Dry Wall
Hallway	2	Clg Molding	100	I	0	Y	Wood
Hallway	2	Column	100	I	0	Y	Wood
Hallway	2	Door Molding	100	I	0	Y	Wood
Hallway	2	Radiator Cover	100	I	0	Y	Metal
Hallway	2	Wall	0	I	0	Y	Dry Wall
Hallway	2	Window Sill	100	I	0	Y	Wood
Hallway	2	Window Sash	100	I	0	Y	Wood
Hallway	3	Baseboard	100	I	0	Y	Wood
Hallway	3	Ceiling	100	I	0	F	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	3	Door Molding	100	I	0	Y	Wood
Hallway	3	Radiator Cover	0	I	0	Y	Metal
Hallway	3	Wall	100	I	0	Y	Dry Wall
Hallway	4	Baseboard	0	MJR	100	Y	Wood
Hallway	4	Door	100	I	0	Y	Wood
Hallway	4	Door Molding	100	I	0	Y	Wood
Hallway	4	Radiator Cover	100	I	0	Y	Metal
Hallway	4	Wall	100	I	0	Y	Dry Wall
Hallway	4	Window Sill	100	I	0	Y	Wood
Hallway	4	Window Sash	100	I	0	Y	Wood
Hallway	5	Baseboard	100	I	0	Y	Wood
Hallway	5	Door	0	I	0	Y	Wood
Hallway	5	Door Molding	0	I	0	Y	Wood
Hallway	5	Wall	0	I	0	Y	Dry Wall
Hallway	6	Door	100	I	0	Y	Wood
Hallway	6	Door Jam	100	I	0	Y	Wood
Hallway	6	Wall	0	I	0	Y	Dry Wall
Hallway	7	Baseboard	100	I	0	Y	Wood
Hallway	7	Door	100	I	0	Y	Wood
Hallway	7	Door Molding	100	I	0	Y	Wood
Hallway	7	Wall	100	I	0	Y	Dry Wall
Kitchen	1	Baseboard	100	I	0	Y	Wood
Kitchen	1	Cabinet	100	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Wall	100	I	0	Y	Metal
Kitchen	1	Window Sill	100	I	0	Y	Wood
Kitchen	1	Window Sash	100	I	0	Y	Wood
Kitchen	2	Baseboard	100	I	0	Y	Wood
Kitchen	2	Cabinet	0	I	0	Y	Wood
Kitchen	2	Door Molding	100	I	0	Y	Wood
Kitchen	2	Wall	100	I	0	Y	Dry Wall
Kitchen	2	Window Sill	100	I	0	Y	Wood
Kitchen	2	Window Sash	100	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Column	100	I	0	Y	Wood
Living	1	Door Molding	100	I	0	Y	Wood
Living	1	Door-ext.	100	I	0	Y	Wood
Living	1	Floor	0	MJR	100	Y	Wood
Living	1	Fireplace Mante	100	I	0	Y	Wood
Living	1	Radiator Cover	100	I	0	Y	Metal
Living	1	Radiator Cover	100	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Dry Wall
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	100	I	0	Y	Wood
Living	1	Window Sash	100	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door Molding	100	I	0	Y	Wood
Living	2	Mantle	100	I	0	Y	Wood
Living	2	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Ceiling	0	I	0	F	Wood
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Floor	100	I	0	Y	Concrete
Mechanical	1	Radiator	100	I	0	Y	Metal
Mechanical	1	Wall	0	I	0	Y	Brick
Mechanical	1	Wall	100	I	0	Y	Wood
Mechanical	1	Window Sash	100	I	0	Y	Brick
Mechanical	2	Door-ext.	100	I	0	Y	Wood
Porch	1	Column	0	I	0	Y	Wood
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door Molding	100	I	0	Y	Wood
Porch	1	Floor	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Wood
Porch	2	Door	100	I	0	Y	Wood
Porch	2	Door Jam	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	2	Floor	0	I	0	Y	Wood
Porch	2	Screenframing	100	I	0	Y	Wood
Porch	2	Siding	100	I	0	Y	Wood
Porch	3	Closet Door	100	I	0	Y	Wood
Porch	3	Closet Shelf	0	I	0	Y	Wood
Porch	3	Column	0	I	0	Y	Wood
Porch	3	Door	0	I	0	Y	Wood
Porch	3	Door	100	I	0	Y	Wood
Porch	3	Door Molding	100	I	0	Y	Wood
Porch	3	Door-ext.	0	I	0	Y	Wood
Porch	3	Door-ext.	0	I	0	Y	Wood
Porch	3	Wall	100	I	0	Y	Wood
Stairway	1	Door Molding	100	I	0	Y	Wood
Stairway	1	Door-ext.	100	I	0	Y	Wood
Stairway	1	Floor	0	I	0	Y	Wood
Stairway	1	Handrail	100	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Window Well	100	I	0	Y	Wood
Stairway	1	Wnd Molding	100	I	0	Y	Wood
Stairway	2	Door	100	I	0	Y	Wood
Stairway	2	Door Jam	100	I	0	Y	Wood
Stairway	2	Str Riser	100	I	0	Y	Wood
Stairway	2	Str Tread	0	I	0	Y	Wood
Stairway	2	Wall	100	MJR	100	Y	Wood
Stairway	3	Door	100	I	0	Y	Wood
Stairway	3	Door Molding	100	I	0	Y	Wood
Stairway	3	Handrail	0	I	0	Y	Wood
Stairway	3	Str Baluster	0	I	0	Y	Wood
Stairway	3	Str Baseboard	100	I	0	Y	Wood
Stairway	3	Str Riser	0	I	0	Y	Wood
Stairway	3	Str Tread	0	I	0	Y	Wood
Stairway	3	Window Sill	100	I	0	Y	Wood
Stairway	4	Str Tread	0	I	0	Y	Wood
Storage	1	Baseboard	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	1	Closet Shelf	100	I	0	Y	Wood
Storage	1	Door	100	I	0	Y	Wood
Storage	1	Radiator Cover	0	I	0	Y	Metal
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Window Sill	100	I	0	Y	Wood
Storage	1	Window Sash	100	I	0	Y	Wood
Storage	5	Baseboard	0	I	0	Y	Wood
Storage	5	Door	100	I	0	Y	Wood
Storage	5	Door Molding	0	I	0	Y	Wood
Storage	5	Floor	0	I	0	Y	Wood
Storage	5	Radiator Cover	0	I	0	Y	Metal
Storage	5	Wall	0	I	0	Y	Dry Wall
Storage	5	Window Sill	100	I	0	Y	Wood
200 Navy Way							
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Jam	0	I	0	Y	Wood
Bathroom	1	Window Sill	0	I	0	Y	Wood
Bathroom	1	Window Sash	100	I	0	Y	Wood
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Jam	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Wallpape
Bathroom	2	Window Sill	0	I	0	Y	Wood
Bathroom	2	Window Sash	0	I	0	Y	Wood
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Molding	100	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall
Bathroom	4	Wall	0	I	0	Y	Dry Wall
Bathroom	4	Window Sill	100	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Radiator	0	I	0	Y	Metal
Bedroom	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Chair Rail	0	I	0	Y	Wood
Bedroom	2	Chair Rail	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood
Bedroom	2	Window Sash	100	MJR	100	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Bifold Door	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Radiocover	0	I	0	Y	Metal
Bedroom	3	Window Sill	0	I	0	Y	Wood
Bedroom	4	Bifold Door	0	I	0	Y	Wood
Bedroom	4	Ceiling	0	I	0	F	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Molding	0	MJR	100	Y	Wood
Bedroom	4	Door Molding	0	I	0	Y	Wood
Bedroom	4	Radiator	0	MJR	100	Y	Metal
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sash	100	I	0	Y	Wood
Bedroom	5	Baseboard	0	I	0	Y	Wood
Bedroom	5	Bifold Door	0	I	0	Y	Wood
Bedroom	5	Door	0	I	0	Y	Wood
Bedroom	5	Door Molding	0	I	0	Y	Wood
Bedroom	5	Radiator Cover	0	I	0	Y	Metal
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Window Sash	100	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Cabinet	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Dining	1	Door Molding	0	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	0	I	0	Y	Wood
Dining	1	Window Sash	100	I	0	Y	Wood
Exterior	1	Door Jam	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Threshold	0	I	0	Y	Wood
Exterior	1	Window Well	100	MJR	100	Y	Wood
Exterior	2	Siding	0	I	0	Y	Wood
Exterior	2	Trim	0	I	0	Y	Wood
Exterior	2	Wnd Molding	100	I	0	Y	Wood
Exterior	3	Siding	0	I	0	Y	Wood
Exterior	3	Wnd Molding	100	I	0	Y	Wood
Exterior	4	Porch Framing	100	I	0	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	2	Wall	100	I	0	Y	Wood
Garage/carport	3	Soffit/facia	100	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Chair Rail	0	I	0	Y	Wood
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Radiator Cover	0	I	0	Y	Dry Wall
Hallway	1	Wall (upper)	0	I	0	Y	Dry Wall
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Closet Door	0	I	0	Y	Wood
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Door Molding	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	0	I	0	Y	Wood
Kitchen	1	Window Sash	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Door-ext.	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	0	I	0	Y	Wood
Living	2	Baseboard	0	I	0	Y	Wood
Living	2	Ceiling	0	I	0	F	Dry Wall
Living	2	Chair Rail	0	I	0	Y	Wood
Living	2	Door Molding	0	I	0	Y	Wood
Living	2	Floor	0	I	0	Y	Wood
Living	2	Fireplace Mante	0	I	0	Y	Wood
Living	2	Wall (upper)	0	I	0	Y	Dry Wall
Living	2	Wnd Molding	0	I	0	Y	Wood
Living	2	Window Sash	100	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Column	100	I	0	Y	Wood
Porch	1	Door-ext.	0	I	0	Y	Wood
Porch	1	Wall	0	I	0	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Wood
Porch	2	Ceiling	0	I	0	F	Dry Wall
Porch	2	Door Molding	0	I	0	Y	Wood
Porch	2	Radiator	0	I	0	Y	Metal
Porch	2	Wall	0	I	0	Y	Dry Wall
Porch	2	Window Sill	0	I	0	Y	Wood
Porch	2	Window Sash	100	I	0	Y	Wood
Porch	3	Baseboard	0	I	0	Y	Wood
Porch	3	Ceiling	100	I	0	F	Wood
Porch	3	Door Molding	100	I	0	Y	Wood
Porch	3	Door-ext.	0	I	0	Y	Wood
Porch	3	Threshold	0	MJR	100	Y	Wood
Porch	3	Wall	0	I	0	Y	Dry Wall
Porch	3	Window Sill	100	I	0	Y	Wood
Porch	3	Window Sash	100	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Stairway	1	Str Baluster	0	I	0	Y	Wood
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Ceiling	0	F	0	F	Dry Wall
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	2	Door	100	I	0	Y	Wood
Storage	3	Ceiling	0	I	0	F	Dry Wall
Storage	3	Closet Shelf	0	I	0	Y	Wood
Storage	3	Door	0	I	0	Y	Wood
Storage	3	Wall	0	I	0	Y	Dry Wall
300 Navy Way							
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door Molding	100	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Wnd Molding	100	MJR	100	Y	Wood
Bathroom	2	Door Molding	100	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Wnd Molding	100	I	0	Y	Wood
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Molding	100	I	0	Y	Wood
Bathroom	3	Wall	100	I	0	Y	Dry Wall
Bathroom	3	Wnd Molding	100	I	0	Y	Wood
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Door Molding	100	I	0	Y	Wood
Bathroom	4	Wall	100	I	0	Y	Dry Wall
Bathroom	4	Wnd Molding	100	MJR	100	Y	Dry Wall
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Door	100	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Wall	100	I	0	Y	Dry Wall
Bedroom	1	Wnd Molding	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	100	I	0	Y	Wood
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Door Molding	100	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	3	Ceiling	100	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	100	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Door Molding	100	I	0	Y	Wood
Bedroom	3	Wall	100	I	0	Y	Dry Wall
Bedroom	3	Wall	100	I	0	Y	Brick
Bedroom	3	Wnd Molding	100	I	0	Y	Wood
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Door Molding	100	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Shelf	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Wall	100	I	0	Y	Brick
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Wnd Molding	100	I	0	Y	Wood
Bedroom	6	Baseboard	100	I	0	Y	Wood
Bedroom	6	Door	100	I	0	Y	Wood
Bedroom	6	Door Molding	100	I	0	Y	Wood
Bedroom	6	Wall	100	I	0	Y	Dry Wall
Bedroom	6	Wall	100	I	0	Y	Brick
Bedroom	6	Wnd Molding	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Cabinet	100	I	0	Y	Wood
Dining	1	Door	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Door-ext.	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Dining	1	Radiator Cover	0	I	0	Y	Wood
Dining	1	Wall	100	I	0	Y	Brick
Dining	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Garage Door	0	I	0	Y	Wood
Exterior	2	Door	0	I	0	Y	Wood
Garage/carport	1	Screendoor	100	I	0	Y	Wood
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	100	I	0	Y	Wood
Hallway	1	Door Jam	0	I	0	Y	Wood
Hallway	1	Door Jam	0	I	0	Y	Wood
Hallway	1	Door Molding	100	I	0	Y	Wood
Hallway	1	Door-ext.	0	I	0	Y	Wood
Hallway	1	Floor	0	I	0	Y	Wood
Hallway	1	Radiator Cover	0	I	0	Y	Metal
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Wall	0	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Door	100	I	0	Y	Wood
Hallway	2	Door Molding	100	I	0	Y	Wood
Hallway	2	Wall	100	MJR	100	Y	Dry Wall
Hallway	2	Wnd Molding	100	I	0	Y	Wood
Hallway	3	Baseboard	0	I	0	Y	Wood
Hallway	3	Door Jam	100	I	0	Y	Wood
Hallway	3	Door Jam	100	I	0	Y	Wood
Hallway	3	Door Molding	100	I	0	Y	Wood
Hallway	3	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Baseboard	100	I	0	Y	Wood
Kitchen	1	Door	100	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Door-ext.	100	I	0	Y	Wood
Kitchen	1	Wall	100	I	0	Y	Dry Wall
Kitchen	1	Wall (lower)	0	I	0	Y	Wood
Kitchen	1	Wnd Molding	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Door Molding	100	I	0	Y	Wood
Living	1	Door-ext.	100	I	0	Y	Wood
Living	1	Shelf	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Brick
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Wnd Molding	100	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door Molding	100	I	0	Y	Wood
Living	2	Wall	100	I	0	Y	Dry Wall
Living	2	Wall	100	I	0	Y	Brick
Living	2	Window Sill	100	I	0	Y	Wood
Mechanical	1	Baseboard	100	I	0	Y	Wood
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Door Molding	100	I	0	Y	Wood
Mechanical	1	Shelf	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Wnd Molding	100	I	0	Y	Wood
Porch	1	Column	100	I	0	Y	Wood
Porch	1	Door Molding	100	I	0	Y	Wood
Porch	1	Door-ext.	0	I	0	Y	Wood
Porch	1	Floor	100	I	0	Y	Wood
Porch	1	Screendoor	100	I	0	Y	Wood
Porch	1	Threshold	100	I	0	Y	Wood
Porch	1	Threshold	0	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Wood
Porch	2	Screendoor	100	I	0	Y	Wood
Porch	2	Trim	100	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Wood
Porch	3	Column	100	I	0	Y	Wood
Porch	3	Door Molding	100	I	0	Y	Wood
Porch	3	Door-ext.	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	3	Floor	100	I	0	Y	Wood
Porch	3	Handrail	100	I	0	Y	Wood
Porch	3	Threshold	100	I	0	Y	Wood
Porch	3	Trim	100	I	0	Y	Wood
Porch	3	Wall	100	I	0	Y	Wood
Stairway	1	Baseboard	100	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baluster	100	I	0	Y	Wood
Stairway	1	Str Baseboard	100	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Wood
Stairway	1	Window Sill	100	I	0	Y	Wood
Storage	1	Baseboard	100	I	0	Y	Wood
Storage	1	Cabinet	100	I	0	Y	Wood
Storage	1	Door Molding	100	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Wnd Molding	100	I	0	Y	Wood
1600 Hobson Ave							
Bathroom	1	Baseboard	100	I	0	Y	Wood
Bathroom	1	Ceiling	0	I	0	F	Plaster
Bathroom	1	Chair Rail	100	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Vanity	0	I	0	Y	Wood
Bathroom	1	Wall	100	I	0	Y	Plaster
Bathroom	1	Wall (lower)	100	I	0	Y	Wood
Bathroom	1	Wall (lower)	100	I	0	Y	Wood
Bathroom	1	Wall (upper)	100	I	0	Y	Plaster
Bathroom	1	Window Wall	100	I	0	Y	Wood
Bathroom	1	Window Sash	100	I	0	Y	Wood
Bathroom	2	Cabinet	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	2	Door	100	I	0	Y	Wood
Bathroom	2	Door Jam	100	I	0	Y	Wood
Bathroom	2	Radiator	0	I	0	Y	Metal
Bathroom	2	Wall	0	I	0	Y	Plaster
Bathroom	2	Window Sill	100	I	0	Y	Wood
Bathroom	2	Wnd Molding	0	I	0	Y	Wood
Bathroom	4	Ceiling	100	I	0	F	Plaster
Bathroom	4	Chair Rail	100	I	0	Y	Wood
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Door Molding	100	I	0	Y	Wood
Bathroom	4	Wall	100	I	0	Y	Plaster
Bathroom	4	Window Sill	100	I	0	Y	Wood
Bathroom	5	Ceiling	0	I	0	F	Plaster
Bathroom	5	Door	100	I	0	Y	Wood
Bathroom	5	Door Molding	100	I	0	Y	Wood
Bathroom	5	Wall (upper)	100	I	0	Y	Wood
Bathroom	5	Wall (upper)	0	I	0	Y	Wood
Bathroom	5	Window Sill	0	I	0	Y	Wood
Bathroom	5	Window Sash	0	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Cl Door Trim	0	I	0	Y	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Door	100	I	0	Y	Wood
Bedroom	1	Door Jam	100	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Radiator	100	I	0	Y	Metal
Bedroom	1	Wall	100	I	0	Y	Plaster
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	1	Wnd Molding	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Door Molding	100	I	0	Y	Wood
Bedroom	2	Door Molding	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Window Sill	100	I	0	Y	Wood
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	2	Wnd Molding	0	I	0	Y	Dry Wall
Bedroom	3	Closet Door	100	I	0	Y	Wood
Bedroom	3	Closet Shelf	100	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Door Molding	100	I	0	Y	Wood
Bedroom	3	Fireplace Mante	100	I	0	Y	Wood
Bedroom	3	Radiator Cover	0	I	0	Y	Metal
Bedroom	3	Wall	100	I	0	Y	Plaster
Bedroom	3	Window Sash	100	I	0	Y	Wood
Bedroom	4	Baseboard	100	I	0	Y	Wood
Bedroom	4	Ceiling	100	I	0	F	Plaster
Bedroom	4	Closet Door	0	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Door Molding	100	I	0	Y	Wood
Bedroom	4	Wall	100	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Ceiling	100	I	0	F	Plaster
Bedroom	5	Closet Door	100	I	0	Y	Wood
Bedroom	5	Closet Shelf	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Radiator	100	I	0	Y	Metal
Bedroom	5	Wall	100	I	0	Y	Wood
Bedroom	6	Baseboard	100	I	0	Y	Wood
Bedroom	6	Ceiling	100	I	0	F	Wood
Bedroom	6	Closet Door	100	I	0	Y	Wood
Bedroom	6	Door	100	I	0	Y	Wood
Bedroom	6	Door Molding	100	I	0	Y	Wood
Bedroom	6	Wall	100	I	0	Y	Plaster

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	6	Window Sill	100	I	0	Y	Wood
Bedroom	6	Window Sill	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Chair Rail	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Fireplacemante	100	I	0	Y	Wood
Dining	1	Frenchdoors	100	I	0	Y	Wood
Dining	1	Radiator Cover	0	I	0	Y	Metal
Dining	1	Wall	100	I	0	Y	Plaster
Dining	1	Window Sill	100	I	0	Y	Wood
Dining	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Basementdoor	0	I	0	Y	Wood
Exterior	1	Basementwindow	0	I	0	Y	Wood
Exterior	1	Column	100	I	0	Y	Wood
Exterior	1	Door Molding	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Siding	100	MJR	100	Y	Wood
Exterior	1	Soffit/facia	0	I	0	Y	Wood
Exterior	3	Door	100	I	0	Y	Wood
Frontstairway	1	Door	100	I	0	Y	Wood
Frontstairway	1	Door Molding	100	I	0	Y	Wood
Garage/carport	1	Column	100	I	0	Y	Wood
Garage/carport	1	Door	0	I	0	Y	Wood
Garage/carport	1	Door Jam	0	I	0	Y	Wood
Garage/carport	1	Door Jam	0	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Wood
Hallway	2	Baseboard	100	I	0	Y	Wood
Hallway	2	Wall	100	I	0	Y	Plaster
Kitchen	1	Baseboard	0	I	0	Y	Wood
Kitchen	1	Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Door Molding	0	I	0	Y	Wood
Kitchen	1	Door Molding	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Plaster
Kitchen	1	Wnd Molding	0	I	0	Y	Wood
Kitchen	1	Window Sash	100	I	0	Y	Wood
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Doublefrenchdoo	100	I	0	Y	Wood
Living	1	Fireplacemantle	100	I	0	Y	Wood
Living	1	Floor	0	I	0	Y	Wood
Living	1	Radiator Cover	0	I	0	Y	Metal
Living	1	Str Baluster	100	I	0	Y	Wood
Living	1	Str Baseboard	100	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Plaster
Living	1	Wall	100	I	0	Y	Plaster
Living	1	Window Sash	100	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Chair Rail	100	MJR	100	Y	Wood
Living	2	Cl Door Trim	0	I	0	Y	Wood
Living	2	Closet Door	0	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door Molding	100	I	0	Y	Wood
Living	2	Fireplacemantle	100	I	0	Y	Wood
Living	2	Fireplacemantle	100	I	0	Y	Wood
Living	2	Radiator Cover	0	I	0	Y	Metal
Living	2	Str Baluster	100	I	0	Y	Wood
Living	2	Wall	100	I	0	Y	Plaster
Living	2	Wall (lower)	100	I	0	Y	Wood
Living	2	Wall (lower)	100	I	0	Y	Wood
Living	2	Wall (upper)	100	I	0	Y	Plaster
Living	2	Window Sill	100	I	0	Y	Wood
Living	2	Window Sash	100	I	0	Y	Wood
Pantry	1	Baseboard	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Pantry	1	Cabinet	0	I	0	Y	Wood
Pantry	1	Ceiling	100	I	0	F	Plaster
Pantry	1	Chair Rail	100	I	0	Y	Wood
Pantry	1	Door	100	I	0	Y	Wood
Pantry	1	Door Molding	100	I	0	Y	Wood
Pantry	1	Radiator	100	I	0	Y	Metal
Pantry	1	Wall	100	I	0	Y	Wood
Pantry	1	Wall	0	I	0	Y	Plaster
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Column	100	I	0	Y	Wood
Porch	1	Floor	100	I	0	Y	Wood
Porch	1	Screeendoor	0	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wall (lower)	100	I	0	Y	Wood
Porch	2	Ceiling	100	I	0	F	Wood
Porch	2	Door	100	I	0	Y	Wood
Porch	2	Door Jam	100	I	0	Y	Wood
Porch	2	Door Molding	100	I	0	Y	Wood
Porch	2	Door-ext.	100	I	0	Y	Wood
Porch	2	Threshold	100	I	0	Y	Wood
Porch	2	Trim	100	I	0	Y	Wood
Porch	3	Ceiling	100	I	0	F	Wood
Porch	3	Columndisplayst	100	I	0	Y	Wood
Porch	3	Door Jam	0	I	0	Y	Wood
Porch	3	Floor	100	I	0	Y	Wood
Porch	3	Handrail	0	I	0	Y	Wood
Porch	3	Screeendoor	100	I	0	Y	Wood
Porch	3	Siding	100	I	0	Y	Wood
Porch	3	Threshold	0	I	0	Y	Wood
Porch	3	Trim	100	I	0	Y	Wood
Porch	3	Wall (lower)	0	I	0	Y	Concrete
Porch	3	Window Well	100	I	0	Y	Wood
Storage	1	Door Jam	100	I	0	Y	Wood
Storage	1	Door-ext.	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	2	Bookcase/built-in	0	I	0	Y	Wood
Storage	2	Ceiling	100	I	0	F	Plaster
Storage	2	Fireplace/mantle	100	I	0	Y	Wood
Storage	2	Wall	100	I	0	Y	Plaster
Storage	2	Window Sill	100	I	0	Y	Wood
Storage	2	Window Sash	100	I	0	Y	Wood
Utility	1	Baseboard	100	I	0	Y	Dry Wall
Utility	1	Ceiling	100	I	0	F	Plaster
Utility	1	Door	100	I	0	Y	Wood
Utility	1	Door Molding	100	I	0	Y	Wood
Utility	1	Radiator	0	I	0	Y	Metal
Utility	1	Str Baluster	100	I	0	Y	Wood
Utility	1	Str Baseboard	100	I	0	Y	Wood
Utility	1	Wall	100	I	0	Y	Plaster
Utility	1	Wall (lower)	100	I	0	Y	Wood
Utility	1	Wnd Molding	100	I	0	Y	Wood
Utility	1	Window Sash	100	I	0	Y	Wood
Utility	1	Window Sash	100	I	0	Y	Wood
Utility	2	Baseboard	100	I	0	Y	Wood
99 Navy Way							
Bathroom	1	Closet Door	100	I	0	Y	Wood
Bathroom	1	Closet Shelf	0	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door Molding	100	I	0	Y	Wood
Bathroom	1	Wall (upper)	100	I	0	Y	Dry Wall
Bathroom	1	Wnd Molding	100	I	0	Y	Wood
Bathroom	1	Window Sash	0	I	0	Y	Wood
Bathroom	2	Ceiling	0	I	0	F	Plaster
Bathroom	2	Door Molding	100	MJR	100	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Wall (upper)	0	I	0	Y	Plaster
Bathroom	2	Wnd Molding	0	I	0	Y	Wood
Bathroom	2	Window Sash	0	I	0	Y	Wood
Bathroom	3	Cabinet	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>1</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	3	Door	100	I	0	Y	Wood
Bathroom	3	Door Molding	100	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Plaster
Bathroom	3	Wnd Molding	100	I	0	Y	Wood
Bathroom	3	Window Sash	0	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Closet Door	100	I	0	Y	Wood
Bedroom	1	Door	100	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Wall	100	I	0	Y	Plaster
Bedroom	1	Wnd Molding	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Closet Door	100	I	0	Y	Wood
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Door Molding	100	I	0	Y	Wood
Bedroom	2	Wall	100	I	0	Y	Plaster
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	3	Baseboard	100	I	0	Y	Wood
Bedroom	3	Closet Door	100	I	0	Y	Wood
Bedroom	3	Closet Shelf	100	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Door Molding	100	I	0	Y	Wood
Bedroom	3	Wall	100	I	0	Y	Plaster
Bedroom	3	Wnd Molding	100	I	0	Y	Wood
Bedroom	3	Window Sash	0	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Ceiling	100	I	0	F	Plaster
Bedroom	5	Closet Door	0	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Plaster
Bedroom	5	Wnd Molding	100	I	0	Y	Wood
Bedroom	5	Window Sash	0	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Dining	1	Cabinet	100	I	0	Y	Wood
Dining	1	Ceiling	100	I	0	F	Plaster
Dining	1	Clg Molding	100	I	0	Y	Wood
Dining	1	Door	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Plaster
Dining	1	Wnd Molding	100	I	0	Y	Wood
Dining	1	Window Sash	0	I	0	Y	Wood
Exterior	1	Column	100	I	0	Y	Wood
Exterior	1	Door Jam	100	I	0	Y	Wood
Exterior	1	Door Jam	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Soffit/facia	100	I	0	Y	Wood
Exterior	1	Threshold	100	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Garage/carport	4	Threshold	100	I	0	Y	Wood
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Plaster
Hallway	1	Closet Door	100	I	0	Y	Wood
Hallway	1	Door Jam	100	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Plaster
Hallway	2	Baseboard	100	I	0	Y	Wood
Hallway	2	Closet Door	100	I	0	Y	Wood
Hallway	2	Door	100	I	0	Y	Wood
Hallway	2	Door Jam	100	I	0	Y	Wood
Hallway	2	Wall	100	I	0	Y	Plaster
Kitchen	1	Baseboard	100	I	0	Y	Wood
Kitchen	1	Baseboard	100	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Wall	100	I	0	Y	Plaster

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Wnd Molding	100	I	0	Y	Wood
Kitchen	1	Window Sash	0	I	0	Y	Wood
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Door Jam	100	I	0	Y	Wood
Living	1	Door-ext.	100	I	0	Y	Wood
Living	1	Fireplace	100	I	0	Y	Brick
Living	1	Fireplace Mante	100	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Plaster
Living	1	Wnd Molding	100	I	0	Y	Wood
Living	1	Window Sash	0	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Door	0	I	0	Y	Wood
Living	2	Door Molding	100	I	0	Y	Wood
Living	2	Fireplace Mante	100	I	0	Y	Wood
Living	2	Wall	0	I	0	Y	Plaster
Living	2	Wnd Molding	100	I	0	Y	Wood
Living	2	Window Sash	0	I	0	Y	Wood
Living	3	Baseboard	100	I	0	Y	Wood
Living	3	Cabinet	100	I	0	Y	Wood
Living	3	Ceiling	100	I	0	F	Dry Wall
Living	3	Clg Molding	100	I	0	Y	Wood
Living	3	Fireplace	100	I	0	Y	Brick
Living	3	Fireplace Mante	100	I	0	Y	Wood
Living	3	Wall	100	I	0	Y	Plaster
Living	3	Wnd Molding	100	I	0	Y	Wood
Living	3	Window Sash	0	I	0	Y	Wood
Mechanical	2	Ceiling	100	I	0	F	Wood
Mechanical	2	Door Jam	100	MJR	100	Y	Wood
Mechanical	2	Wall	100	I	0	Y	Brick
Mechanical	2	Wnd Molding	100	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Clg Molding	100	I	0	Y	Wood
Porch	1	Column	100	I	0	Y	Wood
Porch	1	Floor	0	MJR	100	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	1	Gutter	0	I	0	Y	Metal
Porch	1	Handrail	0	I	0	Y	Wood
Porch	2	Door-ext.	100	I	0	Y	Metal
Porch	2	Door-ext.	100	MJR	100	Y	Brick
Porch	2	Floor	0	MJR	100	Y	Wood
Porch	2	Wnd Molding	100	MJR	100	Y	Wood
Porch	3	Column	100	I	0	Y	Wood
Porch	3	Floor	0	I	0	Y	Wood
Porch	3	Lattice	0	I	0	Y	Wood
Porch	3	Wall	100	I	0	Y	Wood
Porch	3	Wnd Molding	100	I	0	Y	Wood
Porch	4	Ceiling	100	I	0	F	Wood
Porch	4	Clg Molding	100	I	0	Y	Wood
Porch	4	Door-ext.	100	I	0	Y	Wood
Porch	4	Handrail	100	I	0	Y	Wood
Porch	4	Wall	100	I	0	Y	Wood
Porch	4	Wnd Molding	100	I	0	Y	Wood
Porch	5	Baseboard	0	I	0	Y	Wood
Porch	5	Door Molding	100	I	0	Y	Wood
Porch	5	Door-ext.	0	I	0	Y	Wood
Porch	5	Wall	0	I	0	Y	Dry Wall
Porch	5	Wnd Molding	0	I	0	Y	Wood
Porch	5	Window Sash	0	I	0	Y	Wood
Porch	6	Wall	0	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baluster	100	I	0	Y	Wood
Stairway	1	Str Baseboard	100	I	0	Y	Wood
Stairway	1	Wall	100	I	0	Y	Plaster
Stairway	2	Door	100	I	0	Y	Wood
Stairway	2	Door Jam	100	I	0	Y	Wood
Stairway	2	Handrail	0	I	0	Y	Wood
Stairway	2	Str Riser	0	I	0	Y	Wood
Stairway	2	Wall	0	MJR	100	Y	Brick
Storage	1	Baseboard	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	1	Cabinet	100	I	0	Y	Wood
Storage	1	Door	100	I	0	Y	Wood
Storage	1	Wall	100	I	0	Y	Plaster
Storage	1	Wnd Molding	100	I	0	Y	Wood
Storage	1	Window Sash	0	I	0	Y	Wood
Storage	2	Ceiling	0	I	0	F	Wood
Storage	2	Door	100	MJR	100	Y	Wood
Storage	2	Door Jam	100	MJR	100	Y	Wood
Storage	2	Wall	0	I	0	Y	Brick
Storage	2	Wall	100	I	0	Y	Brick
98 Navy Way							
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Jam	0	I	0	Y	Wood
Bathroom	2	Radiator	0	MJR	100	Y	Metal
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Window Sill	100	MJR	100	Y	Wood
Bathroom	2	Window Sash	100	I	0	Y	Wood
Bathroom	3	Door	100	I	0	Y	Wood
Bathroom	3	Door Jam	100	I	0	Y	Wood
Bathroom	3	Radiator	100	MJR	100	Y	Metal
Bathroom	3	Wall	100	I	0	Y	Dry Wall
Bathroom	3	Window Sash	100	MJR	100	Y	Metal
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Radiator	0	I	0	Y	Metal
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	MJR	100	Y	Wood
Bedroom	3	Window Sash	100	MJR	100	Y	Wood
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Molding	0	I	0	Y	Wood
Bedroom	4	Radiator	0	MJR	100	Y	Metal

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sill	100	I	0	Y	Wood
Bedroom	4	Window Sash	100	I	0	Y	Wood
Exterior	1	Awning	100	I	0	Y	Wood
Exterior	1	Column	100	I	0	Y	Wood
Exterior	1	Door	100	I	0	Y	Wood
Exterior	1	Door Jam	0	I	0	Y	Wood
Exterior	1	Door Molding	100	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Fence	0	I	0	Y	Wood
Exterior	1	Handrail	0	I	0	Y	Wood
Exterior	1	Handrail	0	I	0	Y	Wood
Exterior	1	Handrail	0	I	0	Y	Wood
Exterior	1	Lattice	100	I	0	Y	Wood
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Str Riser	0	I	0	Y	Wood
Exterior	1	Str Tread	0	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Wood
Exterior	1	Window Well	100	I	0	Y	Wood
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Garage/carport	1	Ceiling	0	I	0	F	Dry Wall
Garage/carport	1	Ceiling	0	I	0	F	Dry Wall
Garage/carport	1	Door Jam	100	I	0	Y	Wood
Garage/carport	1	Door Jam	0	MJR	100	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	0	I	0	Y	Wood
Garage/carport	1	Door-ext.	0	I	0	Y	Wood
Garage/carport	1	Siding	100	I	0	Y	Wood
Garage/carport	1	Soffit/facia	100	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Garage/carport	1	Wall	0	I	0	Y	Dry Wall
Garage/carport	1	Window Sill	0	I	0	Y	Wood
Garage/carport	1	Window Sill	0	MJR	100	Y	Wood
Garage/carport	1	Window Well	100	I	0	Y	Wood
Garage/carport	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Window Sash	0	I	0	Y	Wood
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Door Molding	100	I	0	Y	Wood
Porch	2	Closet Door	0	I	0	Y	Wood
Porch	2	Closet Shelf	0	I	0	Y	Wood
Porch	2	Door Molding	0	I	0	Y	Wood
Porch	2	Door-ext.	0	I	0	Y	Wood
Porch	2	Floor	100	I	0	Y	Wood
Porch	2	Wall	100	I	0	Y	Wood
Porch	2	Wall (lower)	0	I	0	Y	Wood
Porch	2	Wnd Molding	0	I	0	Y	Wood
Storage	1	Baseboard	0	I	0	Y	Wood
Storage	1	Closet Shelf	0	I	0	Y	Wood
Storage	1	Door	0	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
96 Navy Way							
Bathroom	1	Cabinet	0	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Trim	0	I	0	Y	Wood
Bathroom	1	Wall	100	I	0	Y	Dry Wall
Bathroom	1	Wnd Molding	100	I	0	Y	Wood
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Closet Door	0	I	0	Y	Wood
Bathroom	2	Closet Shelf	0	I	0	Y	Wood
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Trim	0	I	0	Y	Wood
Bathroom	2	Wnd Molding	100	I	0	Y	Wood
Bathroom	2	Wnd Molding	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Wall	100	I	0	Y	Dry Wall
Bedroom	1	Wall	100	I	0	Y	Dry Wall
Bedroom	1	Wnd Molding	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	100	I	0	Y	Wood
Bedroom	2	Door Molding	100	I	0	Y	Wood
Bedroom	2	Door-ext.	100	I	0	Y	Wood
Bedroom	2	Door-ext.	0	I	0	Y	Wood
Bedroom	2	Window Sill	100	I	0	Y	Wood
Bedroom	3	Baseboard	100	I	0	Y	Wood
Bedroom	3	Ceiling	100	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door Molding	100	I	0	Y	Wood
Bedroom	3	Wall	100	I	0	Y	Dry Wall
Bedroom	3	Wnd Molding	100	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Wall	100	I	0	Y	Dry Wall
Dining	1	Wnd Molding	100	MJR	100	Y	Wood
Exterior	1	Handrail	0	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Stucco
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Wnd Molding	100	I	0	Y	Wood
Kitchen	1	Baseboard	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Door	100	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Trim	100	I	0	Y	Wood
Kitchen	1	Wall	100	I	0	Y	Dry Wall
Kitchen	1	Wnd Molding	0	I	0	Y	Wood
Living	1		0	I	0	Y	Wood
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Door	100	I	0	Y	Wood
Living	1	Door	0	I	0	Y	Wood
Living	1	Door Molding	100	I	0	Y	Wood
Living	1	Floor	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	100	I	0	Y	Wood
Living	1	Window Sill	0	I	0	Y	Wood
Porch	1		100	I	0	Y	Wood
Porch	1		100	I	0	Y	Wood
Porch	1		100	MJR	100	Y	Plaster
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door Molding	100	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wnd Molding	100	MJR	100	Y	Wood
Porch	2	Door	0	I	0	Y	Wood
Porch	2	Door Molding	100	I	0	Y	Wood
Porch	2	Door-ext.	0	MJR	100	Y	Wood
Porch	2	Door-ext.	100	I	0	Y	Wood
Porch	2	Wall	100	I	0	Y	Wood
Porch	2	Wall	100	I	0	Y	Plaster
Porch	2	Window Sill	100	I	0	Y	Wood
Porch	3	Ceiling	100	MJR	100	F	Wood
Porch	3	Door-ext.	100	I	0	Y	Wood
Porch	3	Floor	0	I	0	Y	Wood
Porch	3	Floor	0	I	0	Y	Wood
Porch	3	Trim	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	3	Wall	100	I	0	Y	Dry Wall
Porch	3	Window Sill	100	MJR	100	Y	Wood
Stairway	1	Ceiling	100	I	0	F	Dry Wall
Stairway	1	Str Baseboard	100	I	0	Y	Wood
Stairway	1	Trim	100	I	0	Y	Wood
Stairway	1	Wall	100	I	0	Y	Dry Wall
311 Navy Way							
Bathroom	1		0	I	0	Y	Wood
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Door Molding	0	I	0	Y	Wood
Bathroom	1	Radiator	100	I	0	Y	Metal
Bathroom	1	Wall	100	I	0	Y	Dry Wall
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Window Sill	100	I	0	Y	Wood
Bathroom	1	Wnd Molding	0	I	0	Y	Wood
Bathroom	1	Window Sash	100	I	0	Y	Wood
Bathroom	2	Radiator	0	I	0	Y	Metal
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door Molding	100	I	0	Y	Wood
Bedroom	1	Floor	0	I	0	Y	Wood
Bedroom	1	Radiator	0	I	0	Y	Metal
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	1	Window Sash	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	100	I	0	Y	Wood
Bedroom	2	Window Sash	100	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Door	100	I	0	Y	Wood
Dining	1	Door Molding	0	I	0	Y	Wood
Dining	1	Radiator	0	I	0	Y	Metal
Dining	1	Window Sill	100	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Floor	0	I	0	Y	Wood
Hallway	1	Radiator	100	I	0	Y	Metal
Hallway	1	Radiator	0	I	0	Y	Dry Wall
Hallway	1	Wall	0	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Hallway	3	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Baseboard	0	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Cl Door Trim	0	I	0	Y	Wood
Kitchen	1	Closet Door	0	I	0	Y	Wood
Kitchen	1	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Door Jam	0	I	0	Y	Wood
Kitchen	1	Door Molding	0	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Door-ext.	100	I	0	Y	Wood
Kitchen	1	Radiator	100	I	0	Y	Metal
Kitchen	1	Wall	100	I	0	Y	Dry Wall
Kitchen	1	Window Sill	100	MJR	100	Y	Wood
Kitchen	1	Wnd Molding	0	I	0	Y	Wood
Kitchen	1	Window Sash	100	MJR	100	Y	Wood
Living	1		0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Door Molding	100	I	0	Y	Wood
Living	1	Door-ext.	0	I	0	Y	Wood
Living	1	Door-ext.	0	I	0	Y	Wood
Living	1	Fireplace Mante	0	I	0	Y	Wood
Living	1	Radiator	0	MJR	100	Y	Metal
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	0	I	0	Y	Wood
Living	1	Wnd Molding	0	I	0	Y	Wood
Living	1	Window Sash	100	MJR	100	Y	Wood
Living	2	Baseboard	0	I	0	Y	Wood
Living	2	Cabinet	100	I	0	Y	Wood
Living	2	Ceiling	0	I	0	F	Dry Wall
Living	2	Door-ext.	0	I	0	Y	Wood
Living	2	Wall	0	I	0	Y	Dry Wall
Living	2	Wnd Molding	0	I	0	Y	Wood
Mechanical	1	Baseboard	0	I	0	Y	Wood
Mechanical	1	Bifold Door	0	I	0	Y	Wood
Mechanical	1	Cabinet	0	I	0	Y	Wood
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Closet Shelf	0	I	0	Y	Wood
Mechanical	1	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Wnd Molding	0	I	0	Y	Wood
Porch	1	Column	100	I	0	Y	Wood
Porch	1	Door Molding	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Floor	0	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Wood
Porch	1	Wall (lower)	100	I	0	Y	Wood
Porch	1	Window Well	100	I	0	Y	Wood
Porch	1	Window Sash	100	I	0	Y	Wood
Stairway	1	Ceiling	0	I	0	F	Dry Wall
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Str Riser	0	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Trim	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	2	Baseboard	100	I	0	Y	Wood
Storage	2	Cabinet	100	I	0	Y	Wood
Storage	2	Closet Door	100	I	0	Y	Wood
Storage	2	Closet Shelf	0	I	0	Y	Wood
Storage	2	Door Molding	100	I	0	Y	Wood
Storage	2	Wall	100	I	0	Y	Dry Wall
150 Turnbull Ave							
Bathroom	1	Ceiling	100	I	0	F	Concrete
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Wall	100	I	0	Y	Plaster
Bathroom	2	Ceiling	100	I	0	F	Concrete
Bathroom	2	Door	100	I	0	Y	Wood
Bathroom	2	Wall	100	I	0	Y	Dry Wall
Bathroom	3	Door Jam	100	I	0	Y	Wood
Bathroom	3	Window Sill	100	I	0	Y	Wood
Bathroom	4	Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Door Jam	100	I	0	Y	Wood
Bathroom	4	Wall	100	I	0	Y	Vinyl
Bathroom	4	Wnd Molding	100	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Ceiling	100	I	0	F	Concrete
Bedroom	1	Closet Door	100	I	0	Y	Wood
Bedroom	1	Door	100	I	0	Y	Wood
Bedroom	1	Door Jam	100	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Plaster
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Ceiling	100	I	0	F	Plaster
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Door Jam	100	I	0	Y	Wood
Bedroom	2	Wall	100	I	0	Y	Plaster
Bedroom	2	Window Sill	100	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Wall	100	I	0	Y	Plaster
Bedroom	3	Wnd Molding	100	I	0	Y	Wood
Bedroom	4	Baseboard	100	I	0	Y	Wood
Bedroom	4	Ceiling	100	I	0	F	Plaster
Bedroom	4	Closet Door	100	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Wall	100	I	0	Y	Plaster
Bedroom	4	Wnd Molding	100	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Door	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Jam	100	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Plaster
Bedroom	5	Wnd Molding	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Dining	1	Door Jam	100	I	0	Y	Wood
Dining	1	Wall	100	I	0	Y	Plaster
Dining	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Gutter	0	I	0	Y	Metal
Exterior	1	Handrail	0	I	0	Y	Metal
Exterior	1	Soffit/facia	100	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Wall	100	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Concrete
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Ceiling	100	I	0	F	Concrete
Garage/carport	1	Column	100	I	0	Y	Concrete
Garage/carport	1	Door	100	MJR	100	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door Jam	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Electrical Box	0	MJR	100	Y	Wood
Garage/carport	1	Vent, Hvac	100	MJR	100	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Bifold Door	100	I	0	Y	Wood
Hallway	1	Door	100	I	0	Y	Wood
Hallway	1	Door Jam	100	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Plaster
Kitchen	1	Closet Door	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	100	I	0	Y	Wood
Kitchen	1	Window Sill	100	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Bifold Door	100	I	0	Y	Wood
Living	1	Ceiling	100	I	0	F	Concrete

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Ceiling	0	I	0	F	Plaster
Living	1	Closet Shelf	0	I	0	Y	Wood
Living	1	Door-ext.	100	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Plaster
Living	1	Window Sill	100	I	0	Y	Wood
Living	1	Wnd Molding	100	I	0	Y	Wood
Living	1	Wndsash	100	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Door	100	I	0	Y	Wood
Living	2	Door Jam	100	I	0	Y	Wood
Living	2	Fireplace	0	I	0	Y	Brick
Living	2	Fireplace Mante	100	I	0	Y	Plaster
Living	2	Wall (upper)	100	I	0	Y	Plaster
Mechanical	1	Ceiling	100	I	0	F	Concrete
Mechanical	1	Door	100	I	0	Y	Metal
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Wall	100	I	0	Y	Concrete
Mechanical	1	Wall	100	I	0	Y	Dry Wall
Mechanical	1	Window Sill	100	I	0	Y	Wood
Mechanical	2	Ceiling	100	I	0	F	Concrete
Mechanical	2	Door	100	I	0	Y	Wood
Mechanical	2	Door Jam	100	I	0	Y	Wood
Mechanical	2	Door-ext.	100	I	0	Y	Wood
Mechanical	2	Shelf	100	I	0	Y	Wood
Mechanical	2	Wall	100	I	0	Y	Plaster
Mechanical	2	Wnd Molding	100	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Concrete
Porch	1	Door-ext.	0	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Plaster
Porch	1	Wnd Molding	0	I	0	Y	Wood
Porch	1	Wndsash	100	I	0	Y	Wood
Porch	2	Baseboard	100	I	0	Y	Wood
Porch	2	Ceiling	0	I	0	F	Plaster
Porch	2	Floor	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	2	Wall	100	I	0	Y	Wood
Porch	2	Wnd Molding	100	I	0	Y	Wood
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Str Baseboard	0	I	0	Y	Metal
Stairway	1	Wall	100	I	0	Y	Plaster
Storage	2	Baseboard	0	I	0	Y	Wood
Storage	2	Door	100	I	0	Y	Wood
Storage	2	Door Jam	100	I	0	Y	Wood
Storage	2	Wall	100	I	0	Y	Plaster
Storage	2	Wnd Molding	100	I	0	Y	Wood
152 Turnbull Ave							
Bathroom	1	Ceiling	0	I	0	F	Concrete
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Concrete
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Wall	100	I	0	Y	Concrete
Bathroom	2	Wall	0	I	0	Y	Plaster
Bathroom	2	Wnd Molding	0	MJR	100	Y	Wood
Bathroom	2	Wndsash	100	MJR	100	Y	Wood
Bathroom	3	Door	100	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Wallpape
Bathroom	3	Wnd Molding	100	I	0	Y	Wood
Bathroom	4	Wall (upper)	0	I	0	Y	Plaster
Bathroom	4	Wnd Molding	0	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Concrete
Bedroom	1	Ceiling	0	I	0	F	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Door	100	I	0	Y	Wood
Bedroom	1	Door	100	MJR	100	Y	Wood
Bedroom	1	Door Jam	100	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Concrete
Bedroom	1	Wnd Molding	0	I	0	Y	Wood
Bedroom	2	Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Door Jam	100	I	0	Y	Wood
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Baseboard	100	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Jam	100	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Plaster
Bedroom	5	Closet Door	0	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Plaster
Bedroom	5	Wnd Molding	100	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Plaster
Dining	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Door	0	I	0	Y	Wood
Exterior	1	Down Spouts	0	I	0	Y	Metal
Exterior	1	Handrail	100	I	0	Y	Metal
Exterior	1	Soffit/facia	100	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Wall	100	I	0	Y	Wood
Exterior	1	Wall	100	I	0	Y	Concrete
Exterior	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Ceiling	0	I	0	F	Concrete
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Drainpipe	0	I	0	Y	Metal
Garage/carport	1	Utility Door	0	MJR	100	Y	Metal
Garage/carport	1	Vent, Hvac	0	MJR	100	Y	Metal
Garage/carport	1	Wall	0	I	0	Y	Concrete
Hallway	1	Closet Door	100	I	0	Y	Wood
Hallway	1	Door	100	I	0	Y	Wood
Hallway	1	Door Jam	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	1	Wall	0	I	0	Y	Plaster
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Door-ext.	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Fireplace	0	I	0	Y	Brick
Living	1	Floor	0	MJR	100	Y	Concrete
Living	1	Fireplace Mantle	100	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Plaster
Living	1	Wall	0	I	0	Y	Plaster
Living	1	Window Sill	100	I	0	Y	Wood
Living	2	Ceiling	0	I	0	F	Plaster
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Door Jam	100	I	0	Y	Wood
Mechanical	1	Door-ext.	100	I	0	Y	Wood
Mechanical	2	Ceiling	100	I	0	F	Concrete
Mechanical	2	Door	100	I	0	Y	Wood
Mechanical	2	Door-ext.	100	I	0	Y	Wood
Mechanical	2	Wall	100	MJR	100	Y	Concrete
Mechanical	2	Window Sill	100	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Concrete
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door-ext.	0	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Concrete
Porch	1	Window Sill	100	I	0	Y	Wood
Porch	2	Door	100	I	0	Y	Wood
Porch	2	Door Jam	100	I	0	Y	Wood
Porch	2	Floor	0	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Plaster
Porch	2	Wnd Molding	100	MJR	100	Y	Wood
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Str Baseboard	0	I	0	Y	Concrete
Stairway	1	Wall	0	I	0	Y	Plaster

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	2	Baseboard	0	I	0	Y	Wood
Storage	2	Wnd Molding	100	I	0	Y	Wood
1485 Turnbull Ave							
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Concrete
Bathroom	2	Ceiling	0	I	0	F	Concrete
Bathroom	2	Wall	100	I	0	Y	Concrete
Bathroom	2	Window Sill	0	I	0	Y	Wood
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Window Sill	100	I	0	Y	Wood
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Dry Wall
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Closet Door	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Floor	0	I	0	Y	Wood
Bedroom	3	Wall	0	J	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Door	0	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Window Sill	0	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Door Jam	100	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	1	Ceiling	0	I	0	F	Concrete
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Screenframing	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Concrete
Porch	2	Baseboard	100	I	0	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Wood
Porch	2	Cabinet	0	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Dry Wall
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Str Baseboard	0	I	0	Y	Concrete
Stairway	1	Wall	100	I	0	Y	Dry Wall
Storage	1	Baseboard	0	I	0	Y	Wood
Storage	1	Cabinet	100	I	0	Y	Wood
Storage	1	Door	100	I	0	Y	Wood
Storage	1	Wall	100	I	0	Y	Dry Wall
Storage	1	Window Sill	100	I	0	Y	Wood
Storage	2	Closet Shelf	0	I	0	Y	Wood
Storage	2	Wall	0	I	0	Y	Dry Wall
Storage	2	Wall	0	I	0	Y	Dry Wall
Storage	2	Wall	0	I	0	Y	Dry Wall
Storage	2	Wall	0	I	0	Y	Dry Wall
Storage	2	Wall	0	I	0	Y	Dry Wall
1505 Turnbull Ave							
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Closet Shelf	0	I	0	Y	Wood
Bathroom	1	Door	0	J	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Wind Molding	0	I	0	Y	Concrete
Bathroom	2	Ceiling	100	I	0	F	Plaster
Bathroom	2	Door	100	I	0	Y	Wood
Bathroom	2	Wall	100	I	0	Y	Plaster
Bathroom	3	Ceiling	0	I	0	F	Dry Wall
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	3	Window Sill	100	I	0	Y	Wood
Bathroom	4	Ceiling	0	I	0	F	Dry Wall
Bathroom	4	Window Sill	0	I	0	Y	Wood
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Ceiling	100	I	0	F	Concrete
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Closet Door	100	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	3	Baseboard	100	I	0	Y	Wood
Bedroom	3	Cabinet	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Door	0	I	0	Y	Wood
Bedroom	3	Floor	0	I	0	Y	Wood
Bedroom	3	Floor	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	100	MJR	100	Y	Wood
Bedroom	3	Wnd Molding	0	I	0	Y	Wood
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sill	0	I	0	Y	Wood
Bedroom	5	Baseboard	0	I	0	Y	Wood
Bedroom	5	Cabinet	0	I	0	Y	Wood
Bedroom	5	Ceiling	0	I	0	F	Dry Wall
Bedroom	5	Door	0	I	0	Y	Wood
Bedroom	5	Door Molding	0	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	5	Window Sill	0	I	0	Y	Wood
Dinette	1	Baseboard	0	I	0	Y	Wood
Dinette	1	Cabinet	0	I	0	Y	Wood
Dinette	1	Ceiling	0	I	0	F	Dry Wall
Dinette	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Door Molding	0	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	0	I	0	Y	Metal
Dining	1	Wnd Molding	0	I	0	Y	Metal
Exterior	2	Door	100	MJR	100	Y	Wood
Exterior	2	Door Jam	100	I	0	Y	Wood
Exterior	2	Door-ext.	100	I	0	Y	Wood
Exterior	2	Handrail	100	MJR	100	Y	Metal
Exterior	2	Trim	0	MJR	100	Y	Wood
Exterior	2	Wnd Molding	100	I	0	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Concrete
Hallway	1	Ceiling	0	I	0	F	Concrete
Hallway	1	Closet Door	100	MJR	100	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door Molding	100	I	0	Y	Wood
Hallway	1	Door-ext.	100	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Stucco
Hallway	1	Wnd Molding	100	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Cabinet	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Door-ext.	100	I	0	Y	Wood
Kitchen	1	Door-ext.	0	I	0	Y	Wood
Kitchen	1	Handrail	0	I	0	Y	Dry Wall
Kitchen	1	Wall (lower)	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Baseboard	100	I	0	Y	Dry Wall
Living	1	Door Molding	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Brick
Living	2	Wall	0	I	0	Y	Dry Wall
Porch	1	Ceiling	0	I	0	F	Concrete
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wnd Molding	0	I	0	Y	Stucco
Porch	2	Ceiling	0	I	0	F	Plaster
Porch	2	Window Sill	100	I	0	Y	Wood
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Str Baseboard	0	I	0	Y	Wood
1565 Turnbull Ave							
Bathroom	1	Baseboard	0	I	0	Y	Wood
Bathroom	1	Ceiling	0	I	0	F	Concrete
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Molding	0	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	3	Door	0	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Ceiling	100	I	0	F	Concrete
Bedroom	1	Ceiling	0	I	0	F	Concrete

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Closet Door	100	I	0	Y	Wood
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Sliding Door	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Wood
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Door Molding	0	I	0	Y	Wood
Bedroom	4	Sliding Door	0	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Window Sill	0	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Closet Door	0	I	0	Y	Wood
Dining	1	Door	100	MJR	100	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Door Molding	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Dining	1	Wall	0	I	0	Y	Brick
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	100	I	0	Y	Wood
Dining	1	Window Sill	0	I	0	Y	Wood
Exterior	1	Door	100	I	0	Y	Wood
Exterior	1	Door Jam	100	I	0	Y	Wood
Exterior	1	Door Jam	0	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Metal
Exterior	1	Handrail	100	I	0	Y	Metal
Exterior	1	Wall (upper)	100	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Concrete
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	100	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Metal
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Window Sill	100	I	0	Y	Wood
Hallway	1	Window Sill	0	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Door Molding	0	I	0	Y	Wood
Hallway	2	Sliding Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Baseboard	100	I	0	Y	Wood
Kitchen	1	Ceiling	100	I	0	F	Dry Wall
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Door-ext.	100	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	100	I	0	Y	Wood
Living	1		0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Threshold	100	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	0	I	0	Y	Wood
Mechanical	1	Door Molding	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Porch	2	Ceiling	0	I	0	F	Dry Wall
Porch	2	Door	0	I	0	Y	Wood
Porch	2	Handrail	100	I	0	Y	Metal
Porch	2	Wall	0	I	0	Y	Dry Wall
Porch	2	Window Sill	0	I	0	Y	Wood
Stairway	1	Baseboard	0	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Door	0	I	0	Y	Metal
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
160 Everglades Dr							
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Concrete
Bathroom	1	Wnd Molding	0	I	0	Y	Wood
Bathroom	3	Door	100	I	0	Y	Wood
Bathroom	3	Door Jam	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	3	Wnd Molding	100	I	0	Y	Wood
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Wall	100	I	0	Y	Dry Wall
Bedroom	1	Ceiling	0	I	0	F	Concrete
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door Jam	100	I	0	Y	Wood
Bedroom	1	Door-ext.	100	I	0	Y	Wood
Bedroom	1	Screendoor	100	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Wnd Molding	100	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Wnd Molding	100	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Handrail	100	I	0	Y	Metal
Exterior	1	Wall	0	I	0	Y	Concrete
Exterior	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Window Sash	100	I	0	Y	Wood
Exterior	2	Door	100	I	0	Y	Wood
Exterior	2	Trim	100	I	0	Y	Wood
Exterior	2	Wall	100	I	0	Y	Wood
Foyer	1	Baseboard	0	I	0	Y	Concrete
Foyer	1	Ceiling	0	I	0	F	Concrete
Foyer	1	Closet Door	0	I	0	Y	Wood
Foyer	1	Door	0	I	0	Y	Wood
Foyer	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Foyer	1	Window Sash	100	I	0	Y	Wood
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1		100	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Door	100	I	0	Y	Wood
Kitchen	1	Door	0	I	0	Y	Wood
Kitchen	1	Door Jam	100	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Living	4	Wnd Molding	100	I	0	Y	Wood
Mechanical	1	Ceiling	100	I	0	F	Concrete
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Door-ext.	100	I	0	Y	Wood
Mechanical	1	Vent, Hvac	0	I	0	Y	Metal
Mechanical	1	Wall	100	I	0	Y	Concrete
Mechanical	2	Ceiling	0	I	0	F	Concrete
Mechanical	2	Vent, Hvac	0	I	0	Y	Metal
Mechanical	2	Wall	100	MJR	100	Y	Concrete
Mechanical	2	Wnd Molding	0	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Concrete
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Floor	0	MJR	100	Y	Concrete
Porch	1	Wall	100	I	0	Y	Concrete
Porch	1	Window Sill	100	I	0	Y	Wood
Porch	1	Wnd Molding	100	I	0	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Wood
Porch	2	Door	100	I	0	Y	Wood
Porch	2	Door Molding	0	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Dry Wall
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Stair Baseboard	0	I	0	Y	Concrete
Stairway	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	1	Baseboard	0	I	0	Y	Wood
Storage	1	Cabinet	100	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Wnd Molding	100	I	0	Y	Wood
161 Everglades Dr							
Bathroom	1	Ceiling	0	I	0	F	Concrete
Bathroom	1	Door Jam	100	I	0	Y	Wood
Bathroom	1	Door-ext.	100	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Concrete
Bathroom	2	Ceiling	0	I	0	F	Concrete
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Wall	100	I	0	Y	Concrete
Bathroom	2	Wnd Molding	0	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Concrete
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Metal
Bedroom	1	Door Jam	100	I	0	Y	Wood
Bedroom	1	Door-ext.	100	I	0	Y	Wood
Bedroom	1	Door-ext.	100	I	0	Y	Wood
Bedroom	1	Wall	0	MJR	100	Y	Plaster
Bedroom	1	Wnd Molding	0	MJR	100	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	100	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Wood
Exterior	1	Foundation	0	I	0	Y	Concrete
Exterior	1	Handrail	100	I	0	Y	Metal
Exterior	1	Siding	100	I	0	Y	Wood
Exterior	1	Soffit/facia	100	I	0	Y	Wood
Exterior	1	Threshold	0	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Concrete

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Exterior	1	Window Sash	0	I	0	Y	Wood
Exterior	1	Window Sash	0	I	0	Y	Wood
Garage/carport	1	Ceiling	100	I	0	F	Concrete
Garage/carport	1	Door Jam	100	I	0	Y	Wood
Garage/carport	1	Door-ext.	100	I	0	Y	Wood
Garage/carport	1	Drainpipe	0	I	0	Y	Metal
Garage/carport	1	Elect boxesmount	0	I	0	Y	Wood
Garage/carport	1	Vent, Hvac	100	I	0	Y	Metal
Garage/carport	1	Wall	100	I	0	Y	Concrete
Mechanical	1	Door-ext.	100	MJR	100	Y	Wood
Mechanical	2	Ceiling	100	I	0	F	Concrete
Mechanical	2	Door Jam	100	I	0	Y	Wood
Mechanical	2	Door Molding	100	I	0	Y	Wood
Mechanical	2	Door-ext.	100	MJR	100	Y	Wood
Mechanical	2	Door-ext.	100	I	0	Y	Wood
Mechanical	2	Wall	100	I	0	Y	Concrete
Porch	1	Ceiling	100	I	0	F	Vinyl
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Concrete
Porch	1	Window Sash	100	I	0	Y	Wood
1510 Hobson Ave							
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Jam	0	I	0	Y	Wood
Bathroom	1	Radiator	0	I	0	Y	Metal
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	1	Window Sill	0	I	0	Y	Wood
Bathroom	2	Baseboard	0	I	0	Y	Wood
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Jam	0	I	0	Y	Wood
Bathroom	2	Radiator	0	I	0	Y	Metal

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	2	Wall	100	I	0	Y	Dry Wall
Bathroom	2	Window Sill	0	I	0	Y	Wood
Bathroom	2	Window Sash	100	I	0	Y	Wood
Bathroom	3	Door	100	I	0	Y	Wood
Bathroom	3	Wall	100	I	0	Y	Dry Wall
Bathroom	3	Window Sill	100	I	0	Y	Wood
Bathroom	3	Wnd Molding	100	I	0	Y	Wood
Bathroom	4	Radiator Cover	0	I	0	Y	Metal
Bathroom	4	Wall (upper)	100	I	0	Y	Dry Wall
Bathroom	4	Window Sill	100	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Radiator	0	I	0	Y	Metal
Bedroom	1	Wnd Molding	100	I	0	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	100	I	0	Y	Wood
Bedroom	2	Radiator Cover	0	I	0	Y	Metal
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Wood
Bedroom	3	Window Sill	100	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Door Jam	0	I	0	Y	Wood
Bedroom	4	Radiator Cover	100	I	0	Y	Metal
Bedroom	4	Wall	100	I	0	Y	Dry Wall
Bedroom	4	Window Sill	100	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Door	100	I	0	Y	Wood
Bedroom	5	Closet Shelf	0	I	0	Y	Wood
Bedroom	5	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	5	Door Jam	100	I	0	Y	Wood
Bedroom	5	Radiator Cover	100	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Dry Wall
Bedroom	5	Window Sill	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Wall	100	I	0	Y	Dry Wall
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	100	I	0	Y	Wood
Dining	1	Wud Molding	0	I	0	Y	Wood
Exterior	3	Door-ext.	100	I	0	Y	Wood
Exterior	3	Handrail	0	I	0	Y	Metal
Exterior	3	Porch Screen	100	I	0	Y	Wood
Exterior	3	Screendoor	100	I	0	Y	Wood
Exterior	3	Siding	100	I	0	Y	Wood
Exterior	3	Trim	100	I	0	Y	Wood
Exterior	3	Wall	0	I	0	Y	Concrete
Exterior	3	Wall (lower)	0	I	0	Y	Concrete
Exterior	3	Window Sill	100	I	0	Y	Wood
Garage/carport	1	Ceiling	0	I	0	F	Concrete
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Screendoor	100	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Concrete
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Concrete
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Kitchen	2	Baseboard	100	I	0	Y	Wood
Kitchen	2	Window Sill	100	I	0	Y	Wood
Kitchen	2	Wud Molding	100	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Concrete
Living	1	Closet Door	0	I	0	Y	Wood
Living	1	Closet Shelf	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Door	100	I	0	Y	Wood
Living	1	Door Jam	0	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Window Sill	100	I	0	Y	Wood
Living	1	Window Sash	100	I	0	Y	Wood
Living	2	Baseboard	100	I	0	Y	Wood
Living	2	Door	0	I	0	Y	Wood
Living	2	Door Jam	100	I	0	Y	Wood
Living	2	Door-ext.	0	I	0	Y	Wood
Living	2	Fireplace Mante	0	I	0	Y	Wood
Living	2	Radiator	0	I	0	Y	Metal
Living	2	Wall	0	I	0	Y	Dry Wall
Living	2	Window Sill	0	I	0	Y	Wood
Living	2	Window Sash	100	I	0	Y	Wood
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	100	I	0	Y	Wood
Mechanical	1	Door Jam	100	I	0	Y	Wood
Mechanical	1	Door-ext.	100	I	0	Y	Wood
Mechanical	1	Radiator	0	I	0	Y	Metal
Mechanical	1	Wall	100	I	0	Y	Dry Wall
Mechanical	1	Window Sill	0	I	0	Y	Wood
Porch	1	Ceiling	0	I	0	F	Concrete
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Concrete
Porch	1	Window Sill	100	I	0	Y	Wood
Porch	1	Window Well	100	I	0	Y	Wood
Porch	1	Window Sash	100	I	0	Y	Wood
Porch	2	Baseboard	100	I	0	Y	Wood
Porch	2	Floor	0	I	0	Y	Wood
Porch	2	Radiator Cover	0	I	0	Y	Metal
Porch	2	Wall	0	I	0	Y	Dry Wall
Porch	2	Window Sill	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Stairway	1	Handrail	100	I	0	Y	Metal
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Plaster
1516 Hobson Ave							
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Concrete
Bathroom	1	Wall	0	I	0	Y	Concrete
Bathroom	1	Wnd Molding	0	MJR	100	Y	Wood
Bathroom	2	Baseboard	0	I	0	Y	Wood
Bathroom	2	Ceiling	100	I	0	F	Concrete
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	3	Ceiling	0	I	0	F	Dry Wall
Bathroom	4	Ceiling	0	I	0	F	Dry Wall
Bathroom	4	Door	0	I	0	Y	Wood
Bathroom	4	Door	0	I	0	Y	Wood
Bathroom	4	Door Molding	0	I	0	Y	Wood
Bathroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Plaster
Bedroom	1	Window Sill	0	MJR	100	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Closet Door	0	I	0	Y	Wood
Bedroom	2	Wall	100	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	3	Baseboard	100	I	0	Y	Metal
Bedroom	3	Baseboard	0	I	0	Y	Metal
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Door	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Dry Wall
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Floor	0	I	0	Y	Wood
Bedroom	4	Wnd Molding	0	I	0	Y	Wood
Bedroom	5	Ceiling	0	I	0	F	Dry Wall
Bedroom	5	Window Sill	0	MJR	100	Y	Wood
Bedroom	5	Window Sill	0	MJR	100	Y	Wood
Bedroom	5	Window Sill	0	MJR	100	Y	Wood
Bedroom	5	Window Sill	0	MJR	100	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Cabinet	100	I	0	Y	Wood
Dining	1	Door	0	I	0	Y	Wood
Dining	1	Wall	100	I	0	Y	Concrete
Dining	1	Wall	100	I	0	Y	Dry Wall
Dining	1	Window Sill	100	I	0	Y	Wood
Dining	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Wall	100	I	0	Y	Stucco
Exterior	1	Wall	0	I	0	Y	Stucco
Garage/carport	1	Ceiling	100	I	0	F	Concrete
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door Molding	100	I	0	Y	Wood
Garage/carport	1	Door Molding	100	I	0	Y	Wood
Garage/carport	1	Wall	100	I	0	Y	Concrete
Hallway	1	Ceiling	0	I	0	F	Plaster
Hallway	1	Closet Door	100	I	0	Y	Wood
Hallway	1	Closet Door	100	I	0	Y	Wood
Hallway	1	Closet Shelf	100	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door-ext.	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Plaster
Kitchen	2	Ceiling	0	I	0	F	Dry Wall
Kitchen	2	Door-ext.	0	I	0	Y	Wood
Kitchen	2	Window Sill	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1		0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Closet Door	0	I	0	Y	Wood
Living	1	Closet Shelf	0	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Dry Wall
Living	1	Window Sill	0	I	0	Y	Wood
Living	2	Baseboard	0	I	0	Y	Wood
Living	2	Baseboard	0	I	0	Y	Brick
Living	2	Clg Molding	0	I	0	Y	Wood
Living	2	Radiator	0	I	0	Y	Metal
Living	2	Window Sill	0	I	0	Y	Wood
Mechanical	1	Ceiling	100	I	0	F	Concrete
Mechanical	1	Door-ext.	0	I	0	Y	Wood
Mechanical	1	Wall	100	I	0	Y	Concrete
Mechanical	1	Window Sill	0	I	0	Y	Wood
Mechanical	1	Window Sill	100	I	0	Y	Wood
Mechanical	1	Window Sill	100	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Concrete
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Trim	100	MJR	100	Y	Wood
Porch	1	Wall	0	I	0	Y	Concrete
Porch	1	Window Well	100	MJR	100	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Wood
Porch	2	Ceiling	0	I	0	F	Dry Wall
Porch	2	Wall	100	I	0	Y	Dry Wall
Stairway	1	Baseboard	0	I	0	Y	Wood
Stairway	1	Handrail	100	I	0	Y	Wood
1451 Avenue H							
Bathroom	1	Baseboard	0	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Window Sill	0	I	0	Y	Wood
Bathroom	2	Wnd Molding	0	I	0	Y	Wood
Bathroom	3	Baseboard	0	I	0	Y	Wood
Bathroom	3	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	4	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Door	0	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Wnd Molding	0	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Door	0	I	0	Y	Wood
Dining	1	Radiator Cover	0	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Dry Wall
Exterior	1	Wall	0	I	0	Y	Shingle
Garage/carport	1	Ceiling	0	I	0	F	Dry Wall
Garage/carport	1	Door	100	I	0	Y	Wood
Garage/carport	1	Door Molding	100	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	100	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door Molding	100	I	0	Y	Wood
Hallway	1	Door-ext.	100	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	2	Ceiling	0	I	0	Y	Wood
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Baseboard	0	I	0	Y	Wood
Kitchen	1	Door	0	I	0	Y	Wood
Kitchen	1	Door Molding	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Window Sill	0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Door Molding	0	I	0	Y	Wood
Living	1	Door-ext.	0	I	0	Y	Wood
Living	2	Door Molding	0	I	0	Y	Wood
Living	2	Door-ext.	0	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Screendoor	100	I	0	Y	Wood
Porch	1	Screendoor	100	I	0	Y	Wood
Porch	1	Threshold	0	MJR	100	Y	Wood
Porch	1	Wall	100	I	0	Y	Wood
Porch	2	Door Jam	0	I	0	Y	Wood
Porch	2	Window Sill	0	I	0	Y	Wood
Porch	3		100	I	0	Y	Wood
Porch	3	Ceiling	100	I	0	F	Wood
Porch	3	Wall	100	I	0	Y	Wood
Porch	3	Window Sill	100	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Riser	0	I	0	Y	Wood
Stairway	1	Str Riser	100	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Storage	1	Baseboard	100	I	0	Y	Wood
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Window Sill	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	2	Door Molding	0	I	0	Y	Wood
Storage	2	Wall	0	I	0	Y	Dry Wall
1463 Avenue H							
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Molding	0	I	0	Y	Wood
Bathroom	1	Wall	100	I	0	Y	Dry Wall
Bathroom	1	Wnd Molding	0	I	0	Y	Wood
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Wnd Molding	0	I	0	Y	Wood
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall
Bathroom	3	Window Sill	0	I	0	Y	Wood
Bathroom	4	Ceiling	0	I	0	F	Dry Wall
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Door Molding	0	I	0	Y	Wood
Bathroom	4	Wall	100	I	0	Y	Dry Wall
Bathroom	4	Window Sill	0	I	0	Y	Wood
Bedroom	1	Baseboard	100	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	100	I	0	Y	Dry Wall
Bedroom	1	Wnd Molding	0	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Ceiling	100	I	0	F	Dry Wall
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Wall	100	I	0	Y	Dry Wall
Bedroom	2	Wnd Molding	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Door	0	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Door	0	I	0	Y	Dry Wall
Bedroom	4	Baseboard	0	I	0	Y	Wood
Bedroom	4	Ceiling	0	I	0	F	Dry Wall
Bedroom	4	Closet Door	0	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Dry Wall
Bedroom	4	Wnd Molding	0	I	0	Y	Wood
Dining	1	Ceiling	0	MJR	100	F	Dry Wall
Dining	1	Door	0	I	0	Y	Wood
Dining	1	Door Molding	0	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	0	MJR	100	Y	Wood
Exterior	1	Door	0	I	0	Y	Wood
Exterior	1	Floor	0	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Wood
Exterior	1	Wnd Molding	100	I	0	Y	Wood
Garage/carport	1	Ceiling	100	I	0	F	Dry Wall
Garage/carport	1	Door	0	I	0	Y	Wood
Garage/carport	1	Door Jam	100	I	0	Y	Wood
Garage/carport	1	Door Jam	0	I	0	Y	Wood
Garage/carport	1	Door Molding	100	I	0	Y	Wood
Garage/carport	1	Garage Door	0	I	0	Y	Wood
Garage/carport	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Ceiling	100	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Wall	100	I	0	Y	Dry Wall
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Door Molding	0	I	0	Y	Wood
Kitchen	1	Baseboard	0	I	0	Y	Metal
Kitchen	1	Door	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Wnd Molding	0	I	0	Y	Wood
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Door	0	I	0	Y	Wood
Living	1	Wall	100	I	0	Y	Dry Wall
Living	2	Baseboard	0	I	0	Y	Wood
Living	2	Closet Shelf	0	I	0	Y	Wood
Living	2	Door	0	J	0	Y	Wood
Living	2	Door-ext.	0	I	0	Y	Wood
Living	2	Wall	100	I	0	Y	Dry Wall
Living	2	Wnd Molding	0	I	0	Y	Wood
Porch	1	Ceiling	100	I	0	F	Wood
Porch	1	Door	100	I	0	Y	Wood
Porch	1	Door Jam	100	I	0	Y	Wood
Porch	1	Door-ext.	100	I	0	Y	Wood
Porch	1	Floor	100	I	0	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Wood
Porch	2	Baseboard	100	I	0	Y	Wood
Porch	2	Wall	100	I	0	Y	Dry Wall
Porch	2	Wnd Molding	100	I	0	Y	Wood
Porch	3	Ceiling	100	I	0	F	Wood
Porch	3	Door-ext.	100	I	0	Y	Wood
Porch	3	Floor	100	I	0	Y	Wood
Porch	3	Wall	100	I	0	Y	Wood
Porch	3	Window Sill	100	I	0	Y	Wood
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Baseboard	0	I	0	Y	Wood
Storage	1	Door	0	I	0	Y	Wood
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Wnd Molding	0	I	0	Y	Wood
Storage	1	Wnd Molding	0	I	0	Y	Dry Wall
Storage	2	Closet Shelf	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	2	Door	0	I	0	Y	Wood
Storage	2	Wall	100	I	0	Y	Dry Wall
1303 Avenue H							
Bathroom	1	Baseboard	100	I	0	Y	Wood
Bathroom	1	Door	100	I	0	Y	Wood
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Molding	100	I	0	Y	Wood
Bathroom	1	Vanity	0	I	0	Y	Wood
Bathroom	1	Window Sill	100	I	0	Y	Wood
Bathroom	4	Door	100	I	0	Y	Wood
Bathroom	4	Door Molding	100	I	0	Y	Wood
Bathroom	4	Wall	0	I	0	Y	Plaster
Bathroom	4	Window Sill	100	I	0	Y	Wood
Bathroom	5	Cabinet	0	MJR	100	Y	Wood
Bathroom	5	Door	100	I	0	Y	Wood
Bathroom	5	Door Molding	100	I	0	Y	Wood
Bathroom	5	Sash	100	I	0	Y	Wood
Bathroom	5	Wall	100	I	0	Y	Plaster
Bathroom	5	Wall	0	I	0	Y	Brick
Bathroom	6	Door	0	I	0	Y	Wood
Bathroom	6	Door Molding	0	I	0	Y	Wood
Bathroom	6	Wall	0	I	0	Y	Plaster
Bathroom	6	Wnd Molding	100	MJR	100	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	2	Baseboard	100	I	0	Y	Wood
Bedroom	2	Closet Shelf	100	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door-ext.	100	I	0	Y	Wood
Bedroom	2	Wall	100	I	0	Y	Plaster
Bedroom	2	Window Sill	100	I	0	Y	Wood
Bedroom	3	Door	100	I	0	Y	Wood
Bedroom	3	Wall	100	I	0	Y	Wood
Bedroom	3	Window Sill	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	4	Baseboard	100	I	0	Y	Wood
Bedroom	4	Closet Door	100	I	0	Y	Wood
Bedroom	4	Closet Shelf	0	I	0	Y	Wood
Bedroom	4	Door	100	I	0	Y	Wood
Bedroom	4	Door Molding	100	I	0	Y	Wood
Bedroom	4	Trim	100	I	0	Y	Wood
Bedroom	4	Wall	0	I	0	Y	Plaster
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Shelf	0	I	0	Y	Wood
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Wall	0	I	0	Y	Plaster
Bedroom	5	Window Sill	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Baseboard	100	I	0	Y	Wood
Dining	1	Cabinet	100	I	0	Y	Wood
Dining	1	Door	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Door Molding	100	I	0	Y	Wood
Dining	1	Wall	0	I	0	Y	Plaster
Dining	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Backporch	0	I	0	Y	Wood
Exterior	1	Column	100	I	0	Y	Wood
Exterior	1	Door	100	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Metal
Exterior	1	Fence	100	I	0	Y	Wood
Exterior	1	Lattice	100	I	0	Y	Wood
Exterior	1	Sash	100	I	0	Y	Wood
Exterior	1	Screendoor	100	I	0	Y	Wood
Exterior	1	Screendoor	100	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Trim	100	I	0	Y	Wood
Exterior	1	Window Jamb	100	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	1	Door	100	I	0	Y	Wood
Hallway	1	Door Molding	100	I	0	Y	Wood
Hallway	1	Door-ext.	100	I	0	Y	Wood
Hallway	1	Radiator	100	MJR	100	Y	Metal
Hallway	1	Wall	100	J	0	Y	Plaster
Hallway	1	Window Sill	100	I	0	Y	Wood
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Door Jam	100	I	0	Y	Wood
Hallway	2	Plumbingaccess	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Plaster
Hallway	2	Wall	0	I	0	Y	Wood
Kitchen	1	Door Molding	100	I	0	Y	Wood
Kitchen	1	Wall	100	I	0	Y	Plaster
Kitchen	1	Window Sill	100	I	0	Y	Wood
Living	1	Baseboard	100	I	0	Y	Wood
Living	1	Door-ext.	100	I	0	Y	Wood
Living	1	Radiator	100	I	0	Y	Metal
Living	1	Radiator	100	I	0	Y	Metal
Living	1	Shelf	100	I	0	Y	Wood
Living	1	Wall	0	I	0	Y	Plaster
Living	1	Window Sill	100	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Plaster
Mechanical	1	Window Sill	100	I	0	Y	Wood
Mechanical	2	Wall	100	MJR	100	Y	Brick
Mechanical	2	Wnd Molding	100	MJR	100	Y	Wood
Porch	1	Door-ext.	100	MJR	100	Y	Wood
Porch	1	Sash	100	MJR	100	Y	Wood
Porch	1	Trim	100	I	0	Y	Wood
Porch	1	Wall	100	I	0	Y	Brick
Porch	1	Wall	100	I	0	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Wood
Porch	2	Baseboard	0	I	0	Y	Brick
Porch	2	Column	100	I	0	Y	Wood
Porch	2	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	2	Door Jam	0	I	0	Y	Wood
Porch	2	Door Jam	100	I	0	Y	Wood
Porch	2	Door Molding	100	MJR	100	Y	Wood
Porch	2	Down Spouts	100	I	0	Y	Metal
Porch	2	Floor	100	I	0	Y	Wood
Porch	2	Sash	100	I	0	Y	Wood
Porch	2	Threshold	100	I	0	Y	Wood
Porch	2	Trim	100	I	0	Y	Wood
Porch	2	Trim	100	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Wood
Porch	2	Wall	0	I	0	Y	Wood
Porch	2	Window Sill	0	I	0	Y	Wood
Porch	4	Backporch	0	MJR	100	Y	Wood
Porch	4	Handrail	100	I	0	Y	Wood
Porch	4	Str Baseboard	100	I	0	Y	Wood
Porch	5	Door Molding	100	MJR	100	Y	Wood
Porch	5	Screendoor	100	I	0	Y	Wood
Porch	5	Trim	100	I	0	Y	Wood
Stairway	1	Cabinet	100	I	0	Y	Wood
Stairway	1	Ceiling	0	I	0	F	Plaster
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baseboard	100	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Wall	100	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Plaster
Stairway	1	Wall	100	I	0	Y	Wood
Stairway	2	Door Molding	100	MJR	100	Y	Wood
Stairway	2	Str Tread	0	MJR	100	Y	Wood
Stairway	2	Wall (lower)	100	I	0	Y	Wood
Stairway	2	Wall (upper)	0	I	0	Y	Plaster
Storage	1	Door	100	I	0	Y	Wood
Storage	1	Wall	0	I	0	Y	Plaster
Storage	1	Window Sill	100	I	0	Y	Wood
Storage	2	Door-ext.	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	2	Wall	100	I	0	Y	Brick
Storage	3	Ceiling	0	MJR	100	F	Plaster
Storage	3	Door	0	MJR	100	Y	Wood
Storage	3	Wall	0	MJR	100	Y	Brick
1309 Avenue H							
Bathroom	1	Baseboard	0	I	0	Y	Wood
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Molding	0	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	3	Ceiling	0	I	0	F	Dry Wall
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Closet Door	0	I	0	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	100	I	0	Y	Wood
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Sliding Door	0	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Wall	0	I	0	Y	Dry Wall
Dining	1	Window Sill	0	I	0	Y	Wood
Exterior	1	Door Jam	0	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Metal
Hallway	1	Baseboard	100	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Wnd Molding	0	I	0	Y	Wood
Hallway	2	Ceiling	0	F	0	F	Dry Wall
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Sliding Door	0	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	0	I	0	Y	Wood
Mechanical	1	Door Molding	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Stairway	2	Baseboard	0	F	0	Y	Wood
Storage	1	Fence	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
774 Marine Ave							
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	J	0	Y	Dry Wall
Bathroom	3	Ceiling	0	I	0	F	Dry Wall
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Jam	0	I	0	Y	Wood
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door Jam	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood
Bedroom	2	Sliding Door	0	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door Molding	0	I	0	Y	Wood
Bedroom	3	Sliding Door	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Wall	100	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	3	Window Sill	0	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Wall	0	I	0	Y	Dry Wall
Exterior	1	Door Jam	0	I	0	Y	Wood
Exterior	1	Door-ext.	0	I	0	Y	Metal
Exterior	1	Fence	0	I	0	Y	Wood
Exterior	1	Wall	0	I	0	Y	Vinyl
Exterior	1	Wall	0	I	0	Y	Clap Boa
Exterior	1	Wall	100	I	0	Y	Vinyl
Exterior	1	Wnd Molding	0	I	0	Y	Wood
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Wood
Hallway	1	Door Jam	0	I	0	Y	Wood
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Door-ext.	0	I	0	Y	Metal
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Door	0	I	0	Y	Wood
Hallway	2	Door Molding	0	I	0	Y	Wood
Hallway	2	Sliding Door	0	I	0	Y	Wood
Hallway	2	Sliding Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Wall	0	I	0	Y	Dry Wall
Living	1	Wall	0	I	0	Y	Wood
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Mechanical	1	Door Molding	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Stairway	1	Shelf	100	I	0	Y	Wood
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Access Door Att.	100	I	0	Y	Wood
Storage	1	Closet Shelf	0	I	0	Y	Wood
Storage	1	Closet Shelf	0	I	0	Y	Wood
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Door Molding	0	I	0	Y	Wood
Storage	1	Door-ext.	0	I	0	Y	Metal
Storage	1	Wall	0	I	0	Y	Wood
778 Marine Ave							
Bathroom	1	Baseboard	0	I	0	Y	Wood
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Door	0	I	0	Y	Wood
Bathroom	1	Door Molding	0	I	0	Y	Wood
Bathroom	1	Wall	0	I	0	Y	Dry Wall
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	0	I	0	Y	Wood
Bathroom	2	Door Molding	0	I	0	Y	Wood
Bathroom	2	Wall	0	I	0	Y	Dry Wall
Bathroom	3	Ceiling	0	I	0	F	Dry Wall
Bathroom	3	Door	0	I	0	Y	Wood
Bathroom	3	Door Molding	0	I	0	Y	Wood
Bathroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Ceiling	0	I	0	F	Dry Wall
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Wall	0	I	0	Y	Dry Wall
Bedroom	1	Window Sill	0	I	0	Y	Wood
Bedroom	2	Baseboard	0	I	0	Y	Wood
Bedroom	2	Ceiling	0	I	0	F	Dry Wall

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Closet Shelf	0	I	0	Y	Wood
Bedroom	2	Door	0	I	0	Y	Wood
Bedroom	2	Door Molding	0	I	0	Y	Wood
Bedroom	2	Sliding Door	0	I	0	Y	Wood
Bedroom	2	Wall	0	I	0	Y	Dry Wall
Bedroom	2	Window Sill	0	I	0	Y	Wood
Bedroom	3	Baseboard	0	I	0	Y	Wood
Bedroom	3	Ceiling	0	I	0	F	Dry Wall
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	0	I	0	Y	Wood
Bedroom	3	Sliding Door	0	I	0	Y	Wood
Bedroom	3	Wall	0	I	0	Y	Dry Wall
Bedroom	3	Window Sill	0	I	0	Y	Wood
Dining	1	Baseboard	0	I	0	Y	Wood
Dining	1	Ceiling	0	I	0	F	Dry Wall
Dining	1	Wall	0	I	0	Y	Dry Wall
Exterior	1	Door-ext.	0	I	0	Y	Metal
Exterior	3	Down Spouts	0	I	0	Y	Metal
Exterior	3	Siding	0	I	0	Y	Vinyl
Hallway	1	Baseboard	0	I	0	Y	Wood
Hallway	1	Ceiling	0	I	0	F	Dry Wall
Hallway	1	Closet Door	0	I	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	0	I	0	Y	Metal
Hallway	1	Door Molding	0	I	0	Y	Wood
Hallway	1	Sliding Door	0	I	0	Y	Wood
Hallway	1	Wall	0	I	0	Y	Dry Wall
Hallway	1	Wnd Molding	0	I	0	Y	Wood
Hallway	2	Baseboard	0	I	0	Y	Wood
Hallway	2	Ceiling	0	I	0	F	Dry Wall
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Sliding Door	0	I	0	Y	Wood
Hallway	2	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Baseboard	0	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	0	I	0	F	Dry Wall
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Living	1	Baseboard	0	I	0	Y	Wood
Living	1	Ceiling	0	I	0	F	Dry Wall
Living	1	Wall	0	I	0	Y	Dry Wall
Mechanical	1	Ceiling	0	I	0	F	Dry Wall
Mechanical	1	Door	0	I	0	Y	Wood
Mechanical	1	Door Molding	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Dry Wall
Stairway	1	Handrail	0	I	0	Y	Wood
Stairway	1	Str Baseboard	0	I	0	Y	Wood
Stairway	1	Str Tread	0	I	0	Y	Wood
Stairway	1	Wall	0	I	0	Y	Dry Wall
Storage	1	Fence	0	MJR	100	Y	Wood
Storage	2	Door Molding	0	I	0	Y	Wood
Storage	2	Door-ext.	0	I	0	Y	Metal
Storage	2	Wall	0	I	0	Y	Dry Wall

1, 2 See Floor Plans - Appendix I.

3 Corresponds to the percentage of components in the community that are positive.

4 Corresponds to the percentage of damaged components in the community.

5, 6 See Definitions - Appendix II.

# APPENDIX IV

## LEAD IN DUST INSPECTION SUMMARY

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
100 Navy Way	1	Kitchen	1	Window Sill	Wood	G	I	43	N
100 Navy Way	1	Kitchen	1	Floor	Linoleum	G	N	25	N
100 Navy Way	1	Living	1	Window Sill	Wood	G	I	33	N
100 Navy Way	1	Living	1	Floor	Wood	G	N	25	N
100 Navy Way	1	Bedroom	1	Window Sill	Wood	G	I	27	N
100 Navy Way	1	Bedroom	1	Floor	Wood	G	N	13	N
100 Navy Way	1	Bedroom	2	Window Sill	Wood	G	I	26	N
100 Navy Way	1	Bedroom	2	Floor	Wood	G	N	13	N
200 Navy Way	2	Living	1	Window Sill	Wood	G	I	115	N
200 Navy Way	2	Living	1	Floor	Wood	G	N	25	N
200 Navy Way	2	Kitchen	1	Window Sill	Wood	G	I	51	N
200 Navy Way	2	Kitchen	1	Floor	Linoleum	G	N	25	N
200 Navy Way	2	Bedroom	2	Window Sill	Wood	G	I	60	N
200 Navy Way	2	Bedroom	2	Floor	Wood	G	N	25	N
200 Navy Way	2	Bedroom	4	Window Sill	Wood	G	I	60	N
200 Navy Way	2	Bedroom	4	Floor	Wood	G	N	156	Y
300 Navy Way	3	Living	1	Window Sill	Wood	G	I	2000	Y
300 Navy Way	3	Living	1	Floor	Wood	G	N	13	N
300 Navy Way	3	Kitchen	1	Window Sill	Wood	G	I	318	N
300 Navy Way	3	Kitchen	1	Floor	Linoleum	G	N	13	N
300 Navy Way	3	Bedroom	3	Window Sill	Wood	G	I	957	Y
300 Navy Way	3	Bedroom	1	Window Sill	Wood	G	I	589	Y
1600 Hobson Ave	4	Living	1	Window Sill	Wood	G	I	274	N
1600 Hobson Ave	4	Living	1	Floor	Wood	G	N	54	N
1600 Hobson Ave	4	Kitchen	1	Window Sill	Wood	G	I	1472	Y
1600 Hobson Ave	4	Kitchen	1	Floor	Sheet Viny	G	N	25	N
1600 Hobson Ave	4	Bedroom	3	Window Sill	Wood	G	I	1023	Y
1600 Hobson Ave	4	Bedroom	3	Floor	Carpet/woo	G	N	25	N
1600 Hobson Ave	4	Bedroom	6	Window Sill	Wood	G	I	405	N
1600 Hobson Ave	4	Bedroom	6	Floor	Carpet/woo	G	N	35	N
99 Navy Way	5	Living	1	Window Sill	Wood	G	I	43	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
99 Navy Way	5	Living	1	Floor	Brick	G	N	25	N
99 Navy Way	5	Kitchen	1	Window Sill	Wood	G	I	40	N
99 Navy Way	5	Kitchen	1	Floor	Floor Tile	G	N	25	N
99 Navy Way	5	Bedroom	3	Window Sill	Wood	G	I	34	N
99 Navy Way	5	Bedroom	3	Floor	Wood	G	N	91	N
99 Navy Way	5	Bedroom	2	Window Well	Wood	G	I	34	N
99 Navy Way	5	Bedroom	2	Floor	Wood	G	N	25	N
98 Navy Way	6	Living	1	Window Sill	Wood	G	I	41	N
98 Navy Way	6	Living	1	Floor	Wood	G	N	95	N
98 Navy Way	6	Kitchen	1	Window Sill	Wood	F	M	84	N
98 Navy Way	6	Kitchen	1	Floor	Linoleum	G	N	15	N
98 Navy Way	6	Bedroom	4	Window Sill	Wood	G	I	52	N
98 Navy Way	6	Bedroom	4	Floor	Wood	G	N	61	N
98 Navy Way	6	Bedroom	3	Window Sill	Wood	G	I	57	N
98 Navy Way	6	Bedroom	3	Floor	Wood	G	N	68	N
96 Navy Way	7	Living	1	Window Sill	Wood	G	I	17	N
96 Navy Way	7	Living	1	Floor	Wood	G	N	13	N
96 Navy Way	7	Kitchen	1	Window Sill	Wood	G	I	18	N
96 Navy Way	7	Kitchen	1	Floor	Linoleum	G	N	13	N
96 Navy Way	7	Bedroom	1	Window Sill	Wood	G	I	16	N
96 Navy Way	7	Bedroom	1	Floor	Wood	G	N	13	N
96 Navy Way	7	Bedroom	2	Window Sill	Wood	G	I	16	N
96 Navy Way	7	Bedroom	2	Floor	Wood	G	N	13	N
311 Navy Way	8	Living	1	Window Sill	Wood	G	I	50	N
311 Navy Way	8	Living	1	Floor	Wood	G	N	25	N
311 Navy Way	8	Kitchen	1	Window Sill	Wood	F	M	30	N
311 Navy Way	8	Kitchen	1	Floor	Linoleum	G	N	25	N
311 Navy Way	8	Bedroom	4	Window Sill	Wood	G	I	66	N
311 Navy Way	8	Bedroom	4	Floor	Wood	G	N	25	N
311 Navy Way	8	Bedroom	3	Window Sill	Wood	G	I	53	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
311 Navy Way	8	Bedroom	3	Floor	Wood	G	N	25	N
150 Turnbull Ave	9	Living	1	Window Sill	Wood	G	I	69	N
150 Turnbull Ave	9	living	1	Floor	Wood	G	N	18	N
150 Turnbull Ave	9	Kitchen	1	Window Well	Wood	G	I	57	N
150 Turnbull Ave	9	Kitchen	1	Floor	Linoleum	G	N	18	N
150 Turnbull Ave	9	Bedroom	1	Window Well	Wood	G	I	47	N
150 Turnbull Ave	9	Bedroom	1	Floor	Wood	G	N	18	N
150 Turnbull Ave	9	Bedroom	3	Window Well	Wood	G	I	948	Y
150 Turnbull Ave	9	Bedroom	3	Floor	Wood	G	N	18	N
152 Turnbull Ave	10	Living	1	Window Sill	Wood	G	I	75	N
152 Turnbull Ave	10	Living	1	Floor	Wood	G	N	25	N
152 Turnbull Ave	10	Kitchen	1	Window Sill	Wood	G	I	90	N
152 Turnbull Ave	10	Kitchen	1	Floor	Linoleum	G	N	25	N
152 Turnbull Ave	10	Bedroom	3	Window Sill	Wood	G	I	75	N
152 Turnbull Ave	10	Bedroom	3	Floor	Wood	G	N	25	N
152 Turnbull Ave	10	Bedroom	1	Window Sill	Wood	G	I	75	N
152 Turnbull Ave	10	Bedroom	1	Floor	Wood	G	N	25	N
1485 Turnbull Ave	11	Dining	1	Window Sill	Wood	G	I	20	N
1485 Turnbull Ave	11	Dining	1	Floor	Wood	G	N	458	Y
1485 Turnbull Ave	11	Kitchen	1	Window Sill	Wood	G	I	48	N
1485 Turnbull Ave	11	Kitchen	1	Floor	Linoleum	G	N	25	N
1485 Turnbull Ave	11	Bedroom	4	Window Sill	Wood	G	I	110	N
1485 Turnbull Ave	11	Bedroom	4	Floor	Wood	G	N	25	N
1485 Turnbull Ave	11	Bedroom	1	Window Sill	Wood	G	I	46	N
1485 Turnbull Ave	11	Bedroom	1	Floor	Linoleum	G	N	25	N
1505 Turnbull Ave	12	Living	1	Window Sill	Metal	G	I	215	N
1505 Turnbull Ave	12	Living	1	Floor	Wood	G	N	13	N
1505 Turnbull Ave	12	Kitchen	1	Window Sill	Metal	G	M	41	N
1505 Turnbull Ave	12	Kitchen	1	Floor	Linoleum	G	N	13	N
1505 Turnbull Ave	12	Bedroom	2	Window Sill	Metal	G	I	107	N
1505 Turnbull Ave	12	Bedroom	2	Floor	Wood	G	N	13	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1505 Turnbull Ave	12	Bedroom	1	Window Sill	Metal	G	I	397	N
1505 Turnbull Ave	12	Bedroom	1	Floor	Wood	G	N	24	N
1565 Turnbull Ave	13	Living	1	Window Sill	Wood	G	I	13	N
1565 Turnbull Ave	13	Living	1	Floor	Wood	G	N	12	N
1565 Turnbull Ave	13	Kitchen	1	Window Sill	Wood	G	I	25	N
1565 Turnbull Ave	13	Kitchen	1	Floor	Linoleum	G	N	6	N
1565 Turnbull Ave	13	Bedroom	2	Window Sill	Wood	G	I	31	N
1565 Turnbull Ave	13	Bedroom	2	Floor	Wood	G	N	6	N
1565 Turnbull Ave	13	Bedroom	1	Window Sill	Wood	G	I	31	N
1565 Turnbull Ave	13	Bedroom	1	Floor	Wood	G	N	11	N
1599 Turnbull Ave	14	Living	1	Window Sill	Wood	G	I	17	N
1599 Turnbull Ave	14	Living	1	Floor	Wood	G	N	6	N
1599 Turnbull Ave	14	Kitchen	1	Window Sill	Wood	G	I	13	N
1599 Turnbull Ave	14	Kitchen	1	Floor	Linoleum	G	N	6	N
1599 Turnbull Ave	14	Bedroom	1	Window Sill	Wood	G	I	20	N
1599 Turnbull Ave	14	Bedroom	1	Floor	Wood	G	N	6	N
1599 Turnbull Ave	14	Bedroom	3	Window Sill	Wood	G	I	49	N
1599 Turnbull Ave	14	Bedroom	3	Floor	Wood	G	N	6	N
161 Everglades Dr	16	Living	1	Window Sill	Wood	G	I	29	N
161 Everglades Dr	16	Living	1	Floor	Wood	G	N	8	N
161 Everglades Dr	16	Kitchen	1	Window Sill	Wood	G	I	12	N
161 Everglades Dr	16	Kitchen	1	Floor	Linoleum	G	N	6	N
161 Everglades Dr	16	Bedroom	2	Window Sill	Wood	G	I	19	N
161 Everglades Dr	16	Bedroom	2	Floor	Wood	G	N	6	N
161 Everglades Dr	16	Bedroom	3	Window Sill	Wood	G	I	15	N
161 Everglades Dr	16	Bedroom	3	Floor	Wood	G	N	6	N
1510 Hobson Ave	17	Living	1	Window Sill	Wood	G	I	34	N
1510 Hobson Ave	17	Living	1	Floor	Wood	G	N	25	N
1510 Hobson Ave	17	Kitchen	1	Window Sill	Wood	G	I	45	N
1510 Hobson Ave	17	Kitchen	1	Floor	Linoleum	G	N	60	N
1510 Hobson Ave	17	Bedroom	1	Window Sill	Wood	G	I	243	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1510 Hobson Ave	17	Bedroom	1	Floor	Linoleum	G	N	25	N
1510 Hobson Ave	17	Bedroom	5	Window Sill	Wood	G	I	50	N
1510 Hobson Ave	17	Bedroom	5	Floor	Wood	G	N	25	N
1451 Avenue H	19	Living	1	Window Sill	Wood	G	I	195	N
1451 Avenue H	19	Living	1	Floor	Wood	G	N	13	N
1451 Avenue H	19	Kitchen	1	Window Sill	Wood	G	I	46	N
1451 Avenue H	19	Kitchen	1	Floor	Linoleum	G	N	13	N
1451 Avenue H	19	Bedroom	2	Window Sill	Wood	G	M	116	N
1451 Avenue H	19	Bedroom	2	Floor	Wood	G	N	13	N
1451 Avenue H	19	Bedroom	3	Window Sill	Wood	G	I	282	N
1451 Avenue H	19	Bedroom	3	Floor	Wood	G	N	13	N
1463 Avenue H	20	Living	1	Window Sill	Wood	G	I	33	N
1463 Avenue H	20	Living	1	Floor	Wood	G	N	13	N
1463 Avenue H	20	Kitchen	1	Window Sill	Wood	G	I	54	N
1463 Avenue H	20	Kitchen	1	Floor	Linoleum	G	N	13	N
1463 Avenue H	20	Bedroom	3	Window Sill	Wood	G	I	210	N
1463 Avenue H	20	Bedroom	3	Floor	Wood	G	N	13	N
1463 Avenue H	20	Bedroom	1	Window Sill	Wood	G	I	31	N
1463 Avenue H	20	Bedroom	1	Floor	Wood	G	N	13	N
1303 Avenue H	21	Living	1	Window Sill	Wood	G	I	433	N
1303 Avenue H	21	Living	1	Floor	Wood	G	N	37	N
1303 Avenue H	21	Kitchen	1	Window Sill	Wood	G	I	43	N
1303 Avenue H	21	Kitchen	1	Floor	Floor Tile	G	N	13	N
1303 Avenue H	21	Bedroom	3	Window Sill	Wood	G	I	184	N
1303 Avenue H	21	Bedroom	3	Floor	Wood	G	N	13	N
1303 Avenue H	21	Bedroom	1	Window Sill	Wood	G	I	2566	Y
1303 Avenue H	21	Bedroom	1	Floor	Wood	G	M	13	N
1309 Avenue H	22	Living	1	Window Sill	Wood	G	I	393	N
1309 Avenue H	22	Living	1	Floor	Wood	G	N	6	N
1309 Avenue H	22	Kitchen	1	Window Sill	Wood	G	I	468	N
1309 Avenue H	22	Kitchen	1	Floor	Linoleum	G	N	13	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1309 Avenue H	22	Bedroom	1	Window Sill	Wood	F	M	413	N
1309 Avenue H	22	Bedroom	1	Floor	Wood	G	N	6	N
1309 Avenue H	22	Bedroom	3	Window Sill	Wood	G	I	309	N
1309 Avenue H	22	Bedroom	3	Floor	Wood	G	N	6	N
774 Marine Ave	23	Living	1	Window Sill	Wood	G	I	1248	Y
774 Marine Ave	23	Living	1	Floor	Wood	G	N	59	N
774 Marine Ave	23	Kitchen	1	Window Sill	Wood	G	I	33	N
774 Marine Ave	23	Kitchen	1	Floor	Linoleum	G	N	25	N
774 Marine Ave	23	Bedroom	1	Window Sill	Wood	G	I	92	N
774 Marine Ave	23	Bedroom	1	Floor	Wood	G	N	25	N
774 Marine Ave	23	Bedroom	2	Window Sill	Wood	G	I	40	N
774 Marine Ave	23	Bedroom	2	Floor	Wood	G	N	25	N
778 Marine Ave	24	Living	1	Window Sill	Wood	G	I	336	N
778 Marine Ave	24	Living	1	Floor	Wood	G	N	21	N
778 Marine Ave	24	Kitchen	1	Window Well	Wood	G	I	44	N
778 Marine Ave	24	Kitchen	1	Floor	Linoleum	G	N	13	N
778 Marine Ave	24	Bedroom	3	Window Sill	Wood	G	I	130	N
778 Marine Ave	24	Bedroom	3	Floor	Wood	G	N	8	N
778 Marine Ave	24	Bedroom	4	Window Sill	Wood	G	I	55	N
778 Marine Ave	24	Bedroom	4	Floor	Wood	G	N	13	N
181 Turbull	25	Living	1	Window Sill	Wood	G	I	33	N
181 Turbull	25	Living	1	Floor	Floor Tile	G	N	13	N
181 Turbull	25	Kitchen	1	Window Sill	Wood	G	I	44	N
181 Turbull	25	Kitchen	1	Floor	Linoleum	G	N	13	N
181 Turbull	25	Bedroom	3	Window Sill	Wood	G	I	32	N
181 Turbull	25	Bedroom	3	Floor	Floor Tile	G	N	13	N
181 Turbull	25	Bedroom	4	Window Sill	Wood	G	I	32	N
181 Turbull	25	Bedroom	4	Floor	Floor Tile	G	N	185	Y

1, 4, 5, 6 See Definitions - Appendix II.

2, 3 See Floor Plans - Appendix I.

# APPENDIX V

## LEAD IN SOIL INSPECTION SUMMARY

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
100 Navy Way	1	Background	0	4	100	NP	32	N
100 Navy Way	1	Foundation #1	0	4	0	I	1586	Y
100 Navy Way	1	Foundation #3	10	3	200	I	482	Y
200 Navy Way	2	Background	0	3	100	NP	27	N
200 Navy Way	2	Foundation #1	80	4	0	MNR	145	N
200 Navy Way	2	Foundation #2	50	3	0	I	32	N
200 Navy Way	2	Foundation #3	80	4	50	MNR	273	N
300 Navy Way	3	Background	0	3	120	NP	13	N
300 Navy Way	3	Foundation #1	100	1	0	I	280	N
300 Navy Way	3	Foundation #2	100	3	0	I	1147	Y
300 Navy Way	3	Roadside	100	4	35	NP	44	N
1600 Hobson Ave	4	Background	0	4	50	NP	24	N
1600 Hobson Ave	4	Foundation #1	0	1	0	I	436	Y
1600 Hobson Ave	4	Foundation #2	0	3	0	I	91	N
1600 Hobson Ave	4	Along Sidewalk	0	3	25	NP	84	N
99 Navy Way	5	Background	0	3	125	NP	71	N
99 Navy Way	5	Foundation #1	80	1	0	I	1637	Y
99 Navy Way	5	Foundation #2	50	2	0	I	1843	Y
99 Navy Way	5	Roadside	25	1	100	NP	41	N
98 Navy Way	6	Foundation	0	3	50	NP	102	N
98 Navy Way	6	Vehicle Pathway	25	1	50	NP	93	N
98 Navy Way	6	Background	25	0	0	I	56	N
96 Navy Way	7	Background	0	3	40	NP	126	N
96 Navy Way	7	Foundation #1	100	1	0	I	386	N
96 Navy Way	7	Foundation #2	100	3	0	MNR	358	N
96 Navy Way	7	Vehicle Pathway	100	1	50	NP	153	N
311 Navy Way	8	Background	0	2	50	NP	143	N
311 Navy Way	8	Foundation #1	25	2	0	MNR	390	N
311 Navy Way	8	Foundation #2	100	1	0	MNR	172	N

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
161 Everglades Dr	16	Foundation #1	95	1	0	NP	570	Y
161 Everglades Dr	16	Foundation #2	95	4	0	MJR	282	N
161 Everglades Dr	16	Vehicle Pathway	95	3	25	NP	194	N
1510 Hobson Ave	17	Foundation #1	60	3	0	I	23	N
1510 Hobson Ave	17	Foundation #3	10	4	3	I	787	Y
1510 Hobson Ave	17	Roadside	10	1	100	NP	21	N
1510 Hobson Ave	17	Pedestrian Path	30	1	5	NP	210	N
1451 Avenue H	19	Background	0	3	40	NP	137	N
1451 Avenue H	19	Foundation #1	100	1	0	I	54	N
1451 Avenue H	19	Foundation #2	100	3	0	I	31	N
1451 Avenue H	19	Vehicle Pathway	100	1	35	NP	66	N
1463 Avenue H	20	Background	0	3	60	NP	23	N
1463 Avenue H	20	Foundation #1	100	1	0	I	116	N
1463 Avenue H	20	Foundation #2	100	2	0	I	121	N
1463 Avenue H	20	Vehicle Pathway	100	1	40	NP	68	N
1303 Avenue H	21	Background	0	3	150	NP	59	N
1303 Avenue H	21	Foundation #1	10	2	0	I	181	N
1303 Avenue H	21	Roadside	5	2	60	NP	105	N
1303 Avenue H	21	Play Area	25	1	100	I	132	N
1309 Avenue H	22	Background	0	3	60	NP	251	N
1309 Avenue H	22	Foundation #1	100	1	0	I	453	Y
1309 Avenue H	22	Foundation #2	100	3	0	I	479	Y
1309 Avenue H	22	Vehicle Pathway	100	4	45	NP	94	N
774 Marine Ave	23	Background	0	1	125	NP	69	N
774 Marine Ave	23	Foundation #1	90	1	0	I	629	Y
774 Marine Ave	23	Foundation #2	90	2	0	I	1017	Y
774 Marine Ave	23	Roadside	10	1	90	NP	32	N
778 Marine Ave	24	Background	0	3	45	NP	28	N
778 Marine Ave	24	Foundation #1	100	1	0	I	4590	Y

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
778 Marine Ave	24	Foundation #2	100	4	0	I	1092	Y
778 Marine Ave	24	Vehicle Pathway	100	1	60	NP	80	N
181 Turnbull	25	Background	0	3	30	NP	31	N
181 Turnbull	25	Foundation #1	100	1	0	I	62	N
181 Turnbull	25	Foundation #2	100	3	0	I	76	N
181 Turnbull	25	Along Parking L	100	1	45	NP	138	N

<sup>1, 3, 4</sup> See Definitions - Appendix C.

<sup>2</sup> Unit side 1 is the side of the unit that has the entrance door on it. Unit sides 2, 3, and 4 determined by going clockwise around the unit and numbering each side, respectively.

# APPENDIX VI

## COST ESTIMATE DETAILS

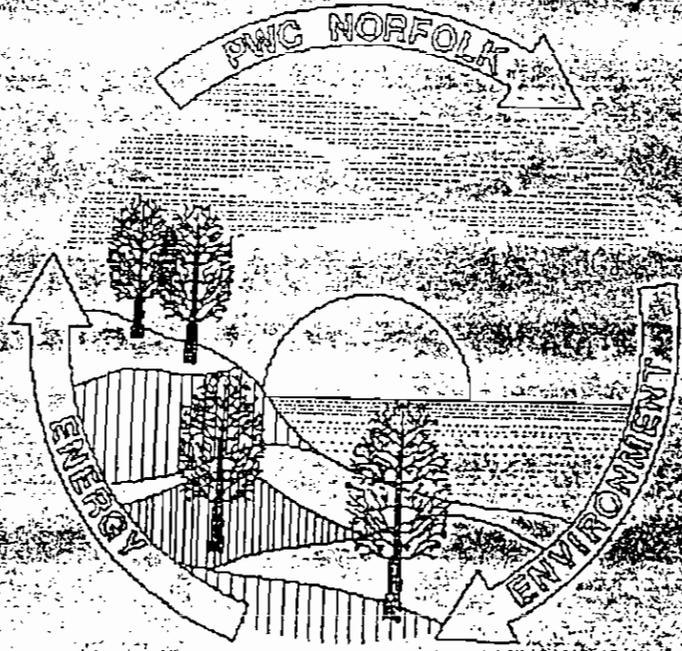
## INTERIM CONTROL

The O&M Program includes the following items:

<b>One-time Activity Cost*</b>	
<b>Notification</b> - Each for housing staff, maintenance, and occupants. (4 hrs) (\$50/hr) (3 people)	\$ 600.00
<b>Controls and Work Practices</b> - Training maintenance personnel. (8 hrs) (\$50/hr) (4 people) + (4 people) (\$500 tuition)	\$ 3,600.00
<b>Training</b> - Housing office personnel trained. (16 hrs) (\$50/hr) (2 people) + (2 people) (\$500 tuition)	\$ 2,600.00
<b>TOTAL ONE-TIME ACTIVITY COST</b>	<b>\$ 6,800.00</b>
* Actual costs will be a function of personnel needs/availability, housing staff structure, and the quantity and characteristics of the housing units.	
<b>Annual Community Cost</b>	
<b>O&amp;M Surveillance and Record Keeping</b> - Assessment and management of LBP components. The assessment includes the annual evaluation of each LBP component to determine condition, damage type, and potential for disturbance. Management of LBP components includes the time to record the surveillance information for the component into a lead file, establishing a work permit system to determine when operations/activities may disturb the components creating dust, document changes in condition/repairs/removal of the LBP component, and maintain training records. This cost estimate utilizes a cost factor based on the number of LBP components per homogenous community. OFFICER SINGLE FAMILY HOUSING has more than 120 LBP components. <sup>1</sup>	
(4.25 LBP cost factor <sup>2</sup> ) (\$50/hr) (24 total units <sup>3</sup> )	\$ 5,100.00
<b>Dust and Soil Testing</b> - Random unit testing in accordance with HUD guidelines and sampling protocol. The O&M program requires annual dust and soil until the hazard is no longer present.	
[(12 samples) (\$10 per analysis) + (1 hr) (\$50/hr)] (24 units <sup>3</sup> )	\$ 4,080.00
<b>TOTAL ANNUAL COMMUNITY COST</b>	<b>\$ 9,180.00</b>
<sup>1</sup> See Appendix III - Lead in Paint Inspection Summary for listing of positive LBP components.	
<sup>2</sup> See Appendix II - Definitions	
<sup>3</sup> See Table 1 Inspection Parameters	

# LEAD MANAGEMENT PLAN

FY1942 HOUSING  
NAVAL BASE CHARLESTON  
CHARLESTON, SOUTH CAROLINA



Department of the NAVY  
NAVY Public Works Center  
Energy/Environmental Engineering Branch, Code 414  
9742 Maryland Avenue  
Norfolk, Virginia 23511-3095

JANUARY 1996

NOTE: This document is intended to be a working management plan for FY1942 Housing Community. Refer to the Activity Action Summary provided for all pertinent program information.

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*A special thanks* to the housing staff at FY1942 Family Housing Community who assisted PWC - Norfolk, Virginia in completing their project efficiently.

COMMUNITY DESCRIPTION

A summary of Naval Base Charleston FY1942 Housing Community inspection is below in Table 1. Provided in Appendix I are vicinity and community maps along with a listing of the housing units inspected.

- Community Number: 0078<sup>2</sup>
- Activity UIC Number: N00193<sup>1</sup>
- Inspection Dates: May 12, 1994 - June 8, 1994

Table 1 - Inspection Parameters

Housing Type	Square Footage	Total # of Units	# of Units Inspected			Floor Plan Type <sup>2</sup>	Year(s) of Construction
			Paint	Dust	Soil		
Duplexes							
4 Bedrooms	2381	19	17	5	5	HD23	1942
Single Family Homes							
4 Bedrooms	2381	1	1	1	1	H257	1942
4 Bedrooms	4856	2	0	0	0	NH2402	1942
4 Bedrooms	3992	2	1	0	0	NH64	1942
<b>Totals</b>	<b>65,316</b>	<b>24</b>	<b>19</b>	<b>6</b>	<b>6</b>		

<sup>1</sup> See Definitions - Appendix II.

<sup>2</sup> See Floor Plans - Appendix I.

## FINDINGS AND ANALYSIS

The primary objective of the lead assessment of FY1942 Housing is to determine if potential lead-based paint hazard exist in the community and recommend methods to minimize all confirmed hazards. The Department of Housing and Urban Development (HUD) Guidelines outline the general scheme applied for the assessment testing protocol.

HUD surveys indicate that lead in dust is the major route for lead exposure for children. Lead in dust is primarily the result of deteriorating lead-based paint. Soil contaminated with lead from weathering, chalking, and deterioration of exterior lead-based paint can contribute to the dwelling's interior lead in dust levels by being tracked into living areas. The HUD surveys confirm a relationship between the presence of lead-based paint with lead in dust and lead in soil. The surveys also list other potential sources of lead. The scope of this assessment is lead-based paint and associated hazards; however, the Naval Base Charleston Lead Action Summary document does contain a discussion of the other potential sources for lead. For this lead-based paint assessment, the analyses of lead-based paint, lead in dust and lead in soil in residential environments determine the overall lead hazard potential to the residents and workers of FY1942 Housing.

### LEAD IN PAINT

A total of 216 of 278 components analyzed were found to contain lead paint, or roughly 78% of all components tested. These 216 components represent the entire spectrum of hazard priorities as shown in Table 2 and defined in Appendix II.

Components listed in the short-term section of Table 2 represent moderate and high hazards (1-4) and require short-term action for hazard reduction to the occupants. A total of 46 of the 278 components (17%) analyzed were found to pose a moderate to high hazard to the occupants. The components listed in the renovation section of Table 2 includes all lead containing components which pose a low hazard to the occupant. The list also includes the components listed in short-term section but priority rankings have been revised to reflect surface restoration. If component is abated during short-term action then disregard action response provided and remove from C&M Plan.

Appendix III (Table P - Lead in Paint Inspection Summary) provides a composite summary of the inspection results.

**LEAD IN DUST**

A total of six units were analyzed for lead in dust. Nine samples were taken in each of the seven units. Samples were taken in Kitchens, Bedrooms, and Living Rooms. Collected samples from these areas are representative of all the rooms in the unit.

A total of 45 individual samples were taken and nine of these samples contained lead in dust above the action limit. The presence of lead in dust poses a high hazard to the occupants of this community and represents the highest priority for action.

Appendix IV (Table D - Lead in Dust Inspection Summary) provides complete inspection results.

**LEAD IN SOIL**

A total of six units were analyzed for lead in soil. A total of twenty samples were collected at these units. Representative sampling of foundations, sidewalks, and roadsides were taken to identify individual risk areas. In addition, background sampling was conducted to establish a baseline of lead in soil for the community.

Five of the twenty individual samples exceeded the allowable 400ppm action limit for lead in soil. This amount of elevated samples equates to a lead in soil problem for the community. Exposed soil in the areas of unit foundations, unit pathways, and unit roadsides are considered a potential hazard to the occupants of the community.

Appendix V (Table S - Lead in Soil Inspection Summary) provides complete inspection results.

## RECOMMENDATIONS

The fundamental step in the implementation of any plan to reduce lead hazards is a public relations package. The public relations package should provide general information regarding the lead hazard minimization plan, an approach to implement the plan, and resident education guidance. Lead hazard minimization will include paint surface restoration, tri-sodium phosphate (TSP) cleaning of horizontal surfaces for lead in dust contamination, and mulching to provide groundcover for lead in soil contamination. Initial public awareness meetings with the residents and workers are of utmost importance. The Naval Base Charleston Document Package Guidance contains information on this subject.

### LEAD IN PAINT

All potentially hazardous components shown in Table 2 require restoration of their painted surfaces. Paint restoration will minimize the lead hazard from these components. Development and implementation of an Operations and Maintenance (O&M) Program for all lead-based paint components are required. Periodic O&M assessment and maintenance will minimize the hazard potential from the components with lead-based paint over the long run versus performing abatement.

### LEAD IN DUST

A community wide lead in dust hazard exists at this time, as dust levels above the EPA limits are present in more than one of the random units inspected during the assessment. All units must have all horizontal surfaces and surrounding areas cleaned with TSP or a high-phosphate detergent. Notify community occupants of this particular elevated lead in dust situation. Include in the resident notification the proper "self-help" cleaning procedures and general information regarding lead in dust hazards.

### LEAD IN SOIL

Restore groundcover and/or mulching over the lead contaminated subareas throughout the community. Notify community occupants of the elevated lead in soil situation. Include general information regarding lead hazards in the resident notification.

## HAZARD MINIMIZATION

A summary of the analysis for lead-based paint components, lead in dust and lead in soil contamination is present in Table 2. Prioritization of these potential hazards is from highest hazard rated first, descending to the least hazardous. Included is the recommended action required and its associated time-frame for implementation.

### Short-term (6 - 12 months)

Currently, several lead based paint components pose a high to moderate hazard to the residents of the community. These components, listed under the short-term section of Table 2-Prioritization, Action Response, and Time-Frame, require immediate restoration of their surfaces to reduce the risk to a low hazard. Lead in Dust and lead in soil hazards are also included in the short-term section of this table.

### Interim Control

The following steps outline a feasible and cost effective Operations and Maintenance (O&M) Program to manage lead-based paint and lead in dust and soil contamination in place with minimal occupant/worker exposure.

1. Inform/educate the unit occupants, housing manager, and maintenance workers of the lead hazards within the community. The occupants and maintenance workers need to know where the lead-contaminated components are and what to do to protect themselves from its adverse effects. The education process begins with a brief concerning results from the inspections and continues until removal of all the lead paint hazards from the community.
2. As part of the education of the occupants, they should be encouraged to participate in DOD blood lead level screening.
3. Inspect components with a lead hazard at times of unit turn-over for signs of any damaged or deteriorated surfaces.
4. Clean-up all lead-based paint components with Tri-sodium phosphate (TSP) solution or a high phosphate detergent solution at the earliest possible time. All surfaces containing lead-based paint should be in good condition with no flaking, cracking, or peeling paint.
5. Maintain vegetation to cover lead contaminated bare areas of soil.
6. Paint damaged or deteriorated surfaces after cleaning and prepping.

7. Perform dust and soil sampling during change of occupancy, renovation/demolition actions, when findings of a visual inspection warrant it, or when elevated blood-lead levels in a child exist. Utilize the results to inform the housing occupants of any possible hazards, coupled with information that explains mitigation responses. This should/could alleviate community fears and minimize future liability.

#### Renovation

During upcoming renovation projects, incorporate the recommended abatement action response for all lead-based paint components present in the proposed renovation area. Refer to the ranking scheme provided for the recommended abatement action response and priority for each lead-based paint component. The Occupational Safety and Health Administration (OSHA) regulates the occupational exposure to inorganic lead. OSHA standards define the airborne lead exposure limits for workers.

Depending upon the scope of the particular renovation project, the overall cost of the project may be reduced by performing additional testing prior to commencing the renovation. The supplemental testing will allow exact specification of individual lead-based paint components per unit that require abatement.

#### Demolition

During a demolition phase, OSHA standards regulate the occupational lead exposure and define the airborne lead exposure limits for workers. The Resource Conservation and Recovery Act (RCRA) is the basic Federal law governing waste disposal. RCRA distinguishes between solid waste and hazardous waste.

In determining whether a waste is hazardous or non-hazardous, RCRA allows generators of the waste to rely on the results of prior testing or experience, or knowledge of the waste or process generating the waste. Specific waste streams from lead abatement projects such as LBP chips and residue from chemical paint stripping processes are hazardous and must be disposed of in accordance with RCRA requirements. If the RCRA "user knowledge" allowance can not be applied to the solid waste construction debris identified as containing lead utilizing X-Ray Fluorescence (XRF) technology, then testing prior to disposal is required to determine whether the debris is hazardous or non-hazardous. This pre-disposal test for waste is the Toxic Characteristic Leachate Procedure (TCLP).

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
SHORT-TERM					
• Develop and implement an Operations and Maintenance Program.					
Lead in Dust					
1	All units		Horizontal Surfaces	HEPA vacuum and clean with TSP	O&M until abated.
Lead in Paint					
1	Bathroom	1	Wall	Restore Surfaces	O&M until abated.
1	Bathroom	1	Window Sash	Restore Surfaces	O&M until abated.
1	Bathroom	1	Window Sill	Restore Surfaces	O&M until abated.
1	Bathroom	2	Door Molding	Restore Surfaces	O&M until abated.
1	Bathroom	2	Window Sash	Restore Surfaces	O&M until abated.
1	Bathroom	2	Window Sill	Restore Surfaces	O&M until abated.
1	Bathroom	2	Window Well	Restore Surfaces	O&M until abated.
1	Bathroom	3	Window Sash	Restore Surfaces	O&M until abated.
1	Bathroom	3	Window Sill	Restore Surfaces	O&M until abated.
1	Bathroom	4	Door	Restore Surfaces	O&M until abated.
1	Bathroom	4	Door Molding	Restore Surfaces	O&M until abated.
1	Bathroom	4	Window Sash	Restore Surfaces	O&M until abated.
1	Bathroom	4	Window Sill	Restore Surfaces	O&M until abated.
1	Bedroom	1	Door	Restore Surfaces	O&M until abated.
1	Bedroom	1	Wall	Restore Surfaces	O&M until abated.
1	Bedroom	1	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	1	Window Sill	Restore Surfaces	O&M until abated.
1	Bedroom	2	Baseboard	Restore Surfaces	O&M until abated.
1	Bedroom	2	Closet Door	Restore Surfaces	O&M until abated.
1	Bedroom	2	Closet Shelf	Restore Surfaces	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
1	Bedroom	2	Door Molding	Restore Surfaces	O&M until abated.
1	Bedroom	2	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	2	Window Sill	Restore Surfaces	O&M until abated.
1	Bedroom	2	Window Well	Restore Surfaces	O&M until abated.
1	Bedroom	3	Baseboard	Restore Surfaces	O&M until abated.
1	Bedroom	3	Door	Restore Surfaces	O&M until abated.
1	Bedroom	3	Window Sash	Restore Surfaces	O&M until abated.
1	Bedroom	4	Baseboard	Restore Surfaces	O&M until abated.
1	Bedroom	4	Closet Door	Restore Surfaces	O&M until abated.
1	Dining	1	Door	Restore Surfaces	O&M until abated.
1	Dining	1	Window Sash	Restore Surfaces	O&M until abated.
1	Dining	1	Window Molding	Restore Surfaces	O&M until abated.
1	Hallway	1	Door	Restore Surfaces	O&M until abated.
1	Hallway	2	Door	Restore Surfaces	O&M until abated.
1	Hallway	2	Door Molding	Restore Surfaces	O&M until abated.
1	Hallway	2	Wall	Restore Surfaces	O&M until abated.
1	Hallway	2	Window Sill	Restore Surfaces	O&M until abated.
1	Hallway	2	Window Well	Restore Surfaces	O&M until abated.
1	Kitchen	1	Window Sash	Restore Surfaces	O&M until abated.
1	Kitchen	1	Window Sill	Restore Surfaces	O&M until abated.
1	Living	1	Chair Rail	Restore Surfaces	O&M until abated.
1	Living	1	Window Sash	Restore Surfaces	O&M until abated.
1	Porch	1	Column	Restore Surfaces	O&M until abated.
1	Dining	1	Door	Restore Surfaces	O&M until abated.
2	Bedroom	3	Ceiling	Restore Surfaces	O&M until abated.
2	Hallway	2	Ceiling	Restore Surfaces	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
Lead in Soil					
•	All Units	All Sides	All Foundations	Vegetate or mulch all areas within 3 feet of house	Include in O&M plan.
INTERIM CONTROL					
• Thoroughly inspect and assess all lead-based paint components. Update records and perform any required maintenance and repairs. Perform dust and soil sampling to monitor lead contamination changes. Perform annually or as appropriate during maintenance/service calls.					
RENOVATION					
5	Bathroom	1	Door Jamb	Replacement	O&M until abated.
5	Bathroom	1	Door Molding	Replacement	O&M until abated.
5	Bathroom	1	Wall	Enclosure	O&M until abated.
5	Bathroom	1	Window Sash	Replacement	O&M until abated.
5	Bathroom	1	Window Sill	Replacement	O&M until abated.
5	Bathroom	2	Door Molding	Replacement	O&M until abated.
5	Bathroom	2	Wall	Enclosure	O&M until abated.
5	Bathroom	2	Window Sash	Replacement	O&M until abated.
5	Bathroom	2	Window Sill	Replacement	O&M until abated.
5	Bathroom	2	Window Well	Replacement	O&M until abated.
5	Bathroom	3	Door Molding	Replacement	O&M until abated.
5	Bathroom	3	Wall	Enclosure	O&M until abated.
5	Bathroom	3	Window Sash	Replacement	O&M until abated.
5	Bathroom	3	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Door	Replacement	O&M until abated.
5	Bathroom	4	Door Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bathroom	4	Wall	Enclosure	O&M until abated.
5	Bathroom	4	Window Sash	Replacement	O&M until abated.
5	Bathroom	4	Window Sill	Replacement	O&M until abated.
5	Bathroom	4	Window Molding	Replacement	O&M until abated.
5	Bathroom	5	Door	Replacement	O&M until abated.
5	Bathroom	5	Window Sash	Replacement	O&M until abated.
5	Bedroom	1	Door	Replacement	O&M until abated.
5	Bedroom	1	Window Sash	Replacement	O&M until abated.
5	Bedroom	1	Window Well	Replacement	O&M until abated.
5	Bedroom	2	Baseboard	Replacement	O&M until abated.
5	Bedroom	1	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Door	Replacement	O&M until abated.
5	Bedroom	2	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	2	Door Jamb	Replacement	O&M until abated.
5	Bedroom	2	Door Molding	Replacement	O&M until abated.
5	Bedroom	2	Wall	Enclosure	O&M until abated.
5	Bedroom	2	Window Sash	Replacement	O&M until abated.
5	Bedroom	2	Window Sill	Replacement	O&M until abated.
5	Bedroom	2	Window Well	Replacement	O&M until abated.
5	Bedroom	2	Window Molding	Replacement	O&M until abated.
5	Bedroom	3	Closet Door	Replacement	O&M until abated.
5	Bedroom	3	Door	Replacement	O&M until abated.
5	Bedroom	3	Door Molding	Replacement	O&M until abated.
5	Bedroom	3	Wall	Enclosure	O&M until abated.
5	Bedroom	3	Window Sash	Replacement	O&M until abated.
5	Bedroom	3	Window Sill	Replacement	O&M until abated.
5	Bedroom	4	Baseboard	Replacement	O&M until abated.
5	Bedroom	4	Closet Door	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Bedroom	4	Closet Shelf	Replacement	O&M until abated.
5	Bedroom	4	Door	Replacement	O&M until abated.
5	Bedroom	4	Door Molding	Replacement	O&M until abated.
5	Bedroom	4	Wall	Enclosure	O&M until abated.
5	Bedroom	4	Window Sill	Replacement	O&M until abated.
5	Bedroom	5	Baseboard	Replacement	O&M until abated.
5	Bedroom	5	Closet Door	Replacement	O&M until abated.
5	Bedroom	5	Door	Replacement	O&M until abated.
5	Bedroom	5	Door Molding	Replacement	O&M until abated.
5	Bedroom	5	Radiator	Paint Removal	O&M until abated.
5	Bedroom	5	Wall	Enclosure	O&M until abated.
5	Dining	1	Baseboard	Replacement	O&M until abated.
5	Dining	1	Chair Rail	Replacement	O&M until abated.
5	Dining	1	Door	Replacement	O&M until abated.
5	Dining	1	Door Molding	Replacement	O&M until abated.
5	Dining	1	Door-Ext.	Replacement	O&M until abated.
5	Dining	1	Radiator	Paint Removal	O&M until abated.
5	Dining	1	Utility Door	Replacement	O&M until abated.
5	Dining	1	Wall	Enclosure	O&M until abated.
5	Dining	1	Window Sash	Replacement	O&M until abated.
5	Dining	1	Window Sill	Replacement	O&M until abated.
5	Dining	1	Window Well	Replacement	O&M until abated.
5	Dining	1	Window Molding	Replacement	O&M until abated.
5	Hallway	1	Baseboard	Replacement	O&M until abated.
5	Hallway	1	Closet Door	Replacement	O&M until abated.
5	Hallway	1	Door	Replacement	O&M until abated.
5	Hallway	1	Door Jamb	Replacement	O&M until abated.
5	Hallway	1	Door Molding	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Hallway	1	Door-ext.	Replacement	O&M until abated.
5	Hallway	1	French Door	Replacement	O&M until abated.
5	Hallway	1	Radiator	Paint Removal	O&M until abated.
5	Hallway	1	Wall	Enclosure	O&M until abated.
5	Hallway	2	Closet Door	Replacement	O&M until abated.
5	Hallway	2	Door	Replacement	O&M until abated.
5	Hallway	2	Door Molding	Replacement	O&M until abated.
5	Hallway	2	Window Sill	Replacement	O&M until abated.
5	Hallway	2	Window Well	Replacement	O&M until abated.
5	Kitchen	1	Door	Replacement	O&M until abated.
5	Kitchen	1	Door Molding	Replacement	O&M until abated.
5	Kitchen	1	Door-ext.	Replacement	O&M until abated.
5	Kitchen	1	Louvered Doors	Replacement	O&M until abated.
5	Kitchen	1	Window Sash	Replacement	O&M until abated.
5	Kitchen	1	Window Well	Replacement	O&M until abated.
5	Kitchen	1	Window Molding	Replacement	O&M until abated.
5	Living	1	Baseboard	Replacement	O&M until abated.
5	Living	1	Chair Rail	Replacement	O&M until abated.
5	Living	1	Door	Replacement	O&M until abated.
5	Living	1	Door Molding	Replacement	O&M until abated.
5	Living	1	Door-ext.	Replacement	O&M until abated.
5	Living	1	Radiator	Paint Removal	O&M until abated.
5	Living	1	Wall	Enclosure	O&M until abated.
5	Living	1	Window Sash	Replacement	O&M until abated.
5	Living	1	Window Sill	Replacement	O&M until abated.
5	Living	1	Window Well	Replacement	O&M until abated.
5	Living	1	Window Molding	Replacement	O&M until abated.
5	Living	2	Door-ext.	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Living	2	Radiator	Paint Removal	O&M until abated.
5	Living	2	Wall	Enclosure	O&M until abated.
5	Living	2	Window Sash	Replacement	O&M until abated.
5	Mechanical	1	Door	Replacement	O&M until abated.
5	Porch	1	Column	Paint Removal	O&M until abated.
5	Porch	1	Door	Replacement	O&M until abated.
5	Porch	1	Door Jamb	Replacement	O&M until abated.
5	Porch	1	Door Molding	Replacement	O&M until abated.
5	Porch	1	Door-ext.	Replacement	O&M until abated.
5	Porch	1	Floor	Replacement or Enclosure	O&M until abated.
5	Porch	1	Radiator	Paint Removal	O&M until abated.
5	Porch	1	Screen Door	Replacement	O&M until abated.
5	Porch	1	Siding	Enclosure	O&M until abated.
5	Porch	1	Threshold	Replacement	O&M until abated.
5	Porch	1	Trim	Replacement	O&M until abated.
5	Porch	1	Wall	Enclosure	O&M until abated.
5	Porch	1	Wall (lower)	Enclosure	O&M until abated.
5	Porch	1	Window Sill	Replacement	O&M until abated.
5	Porch	1	Window Molding	Replacement	O&M until abated.
5	Porch	2	Column	Paint Removal	O&M until abated.
5	Porch	2	Door	Replacement	O&M until abated.
5	Porch	2	Door Jamb	Replacement	O&M until abated.
5	Porch	2	Door Molding	Replacement	O&M until abated.
5	Porch	2	Door-ext.	Replacement	O&M until abated.
5	Porch	2	Floor	Replacement or Enclosure	O&M until abated.
5	Porch	2	Screen Framing	Replacement	O&M until abated.
5	Porch	2	Threshold	Replacement	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
5	Porch	2	Trim	Replacement	O&M until abated.
5	Porch	2	Wall	Enclosure	O&M until abated.
5	Porch	2	Window Molding	Replacement	O&M until abated.
5	Stairway	1	Handrail	Replacement	O&M until abated.
5	Stairway	1	Str Baseboard	Replacement	O&M until abated.
5	Stairway	1	Str Riser	Paint Removal	O&M until abated.
5	Stairway	1	Str Tread	Replacement	O&M until abated.
5	Stairway	1	Trim	Replacement	O&M until abated.
5	Stairway	1	Wall	Enclosure	O&M until abated.
5	Stairway	1	Window Sill	Replacement	O&M until abated.
5	Storage	1	Baseboard	Replacement	O&M until abated.
5	Storage	1	Bifold Door	Replacement	O&M until abated.
5	Storage	1	Door-ext.	Replacement	O&M until abated.
5	Storage	1	Utility Door	Replacement	O&M until abated.
5	Storage	1	Wall	Enclosure	O&M until abated.
5	Storage	1	Wall (lower)	Enclosure	O&M until abated.
5	Storage	1	Window Sash	Replacement	O&M until abated.
5	Storage	1	Window Sill	Replacement	O&M until abated.
5	Storage	1	Window Molding	Replacement	O&M until abated.
6	Bathroom	1	Ceiling	Enclosure	O&M until abated.
6	Bathroom	1	Closet Shelf	Replacement	O&M until abated.
6	Bathroom	1	Vanity	Replacement	O&M until abated.
6	Bathroom	1	Wall (upper)	Enclosure	O&M until abated.
6	Bathroom	2	Ceiling	Enclosure	O&M until abated.
6	Bathroom	2	Wall (upper)	Enclosure	O&M until abated.
6	Bathroom	3	Ceiling	Enclosure	O&M until abated.
6	Bathroom	3	Vanity	Replacement	O&M until abated.
6	Bathroom	3	Wall (upper)	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
6	Bathroom	4	Ceiling	Enclosure	O&M until abated.
6	Bathroom	4	Wall (upper)	Enclosure	O&M until abated.
6	Bathroom	5	Ceiling	Enclosure	O&M until abated.
6	Bedroom	1	Ceiling	Enclosure	O&M until abated.
6	Bedroom	2	Ceiling	Enclosure	O&M until abated.
6	Bedroom	3	Ceiling	Enclosure	O&M until abated.
6	Bedroom	4	Ceiling	Enclosure	O&M until abated.
6	Dining	1	Cabinet	Replacement	O&M until abated.
6	Dining	1	Ceiling	Enclosure	O&M until abated.
6	Hallway	1	Cabinet	Replacement	O&M until abated.
6	Hallway	1	Ceiling	Enclosure	O&M until abated.
6	Hallway	2	Attic Access	Replacement	O&M until abated.
6	Hallway	2	Ceiling	Enclosure	O&M until abated.
6	Hallway	2	Closet Shelf	Replacement	O&M until abated.
6	Kitchen	1	Cabinet	Replacement	O&M until abated.
6	Kitchen	1	Ceiling	Enclosure	O&M until abated.
6	Kitchen	1	Closet Shelf	Replacement	O&M until abated.
6	Living	1	Cabinet	Replacement	O&M until abated.
6	Living	1	Ceiling	Enclosure	O&M until abated.
6	Living	1	Clg Molding	Replacement	O&M until abated.
6	Living	1	Wall (upper)	Enclosure	O&M until abated.
6	Living	2	Cabinet	Replacement	O&M until abated.
6	Living	2	Ceiling	Enclosure	O&M until abated.
6	Porch	1	Cabinet	Replacement	O&M until abated.
6	Porch	1	Ceiling	Enclosure	O&M until abated.
6	Porch	2	Ceiling	Enclosure	O&M until abated.
6	Porch	2	Closet Shelf	Replacement	O&M until abated.
6	Stairway	1	Ceiling	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
6	Storage	1	Attic Door	Replacement	O&M until abated.
6	Storage	1	Ceiling	Enclosure	O&M until abated.
6	Storage	1	Closet Shelf	Replacement	O&M until abated.
6	Storage	1	Wall (upper)	Enclosure	O&M until abated.
7	Exterior	1	Column	Paint Removal	O&M until abated.
7	Exterior	1	Door	Replacement	O&M until abated.
7	Exterior	1	Door Jamb	Replacement	O&M until abated.
7	Exterior	1	Door Molding	Replacement	O&M until abated.
7	Exterior	1	Down Spouts	Replacement	O&M until abated.
7	Exterior	1	Fence	Replacement	O&M until abated.
7	Exterior	1	Garage Door	Replacement	O&M until abated.
7	Exterior	1	Screen Door	Replacement	O&M until abated.
7	Exterior	1	Screen Framing	Replacement	O&M until abated.
7	Exterior	1	Siding	Replacement	Cover all clapboards with vinyl or replace.
7	Exterior	1	Threshold	Replacement	O&M until abated.
7	Exterior	1	Trim	Replacement	O&M until abated.
7	Exterior	1	Wall	Enclosure	O&M until abated.
7	Exterior	1	Wall (lower)	Enclosure	O&M until abated.
7	Exterior	1	Window Sill	Replacement	O&M until abated.
7	Exterior	1	Window Well	Replacement	O&M until abated.
7	Exterior	1	Window Molding	Replacement	O&M until abated.
7	Garage/carport	1	Door	Replacement	O&M until abated.
7	Garage/carport	1	Door Jamb	Replacement	O&M until abated.
7	Garage/carport	1	Door Molding	Replacement	O&M until abated.
7	Garage/carport	1	Garage Door	Replacement	O&M until abated.
7	Garage/carport	1	Trim	Replacement	O&M until abated.
7	Garage/carport	1	Wall	Enclosure	O&M until abated.

Table 2 - Prioritization, Action Response, and Time-Frame

Priority <sup>1</sup>	Location <sup>2</sup>	Room # <sup>2</sup>	Component	Action Response	Comments
8	Exterior	1	Awning	Replacement	O&M until abated.
8	Exterior	1	Ceiling	Enclosure	O&M until abated.
8	Exterior	1	Soffit/facia	Replacement	O&M until abated.
8	Garage/carport	1	Ceiling	Enclosure	O&M until abated.

## DEMOLITION

- Perform TCLP testing of demolition wastestream. Maintain Personal Protective Equipment (PPE) as required during demolition activities. Adhere to local/state guidelines for waste disposal requirements.

<sup>1</sup> Priority ranks those components with the highest hazard potential first down to the least hazardous potential.

<sup>2</sup> See Floor Plans - Appendix I.

\* Restore; includes prep, clean, and painting of existing surfaces.

COST ESTIMATES

The short-term and interim scope costs (for budget purposes only) given in Table 3 include direct and indirect labor costs, direct and indirect material costs, and contractors' overhead and profit for each job. Appendix VI provides cost estimate details for quantity justifications.

Table 3 - Cost Estimates							
Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
SHORT-TERM							
Lead in Dust							
All Units	All	All horizontal surfaces	TSP and HEPA Vacuum Clean	24	EA	\$400.00	\$ 9,600.00
Lead in Paint							
Bathroom	1	Wall	Restore Surface	4,160	SF	1.78	7,404.80
Bathroom	1	Window Sash	Restore Surface	26	EA	3.00	78.00
Bathroom	1	Window Sill	Restore Surface	26	EA	12.88	334.88
Bathroom	2	Door Molding	Restore Surface	4	EA	16.50	396.00
Bathroom	2	Window Sash	Restore Surface	4	EA	3.00	12.00
Bathroom	2	Window Sill	Restore Surface	4	EA	12.88	51.52
Bathroom	2	Window Well	Restore Surface	4	EA	12.88	51.52
Bathroom	3	Window Sash	Restore Surface	24	EA	3.00	72.00
Bathroom	3	Window Sill	Restore Surface	24	EA	12.88	309.12
Bathroom	4	Door	Restore Surface	26	EA	45.27	1,177.02
Bathroom	4	Door Molding	Restore Surface	26	EA	16.50	429.00
Bathroom	4	Window Sash	Restore Surface	24	EA	3.00	72.00

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
Bathroom	4	Window Sill	Restore Surface	24	EA	\$ 12.88	\$ 309.12
Bedroom	1	Door	Restore Surface	48	EA	5.27	2,172.96
Bedroom	1	Wall	Restore Surface	8,480	SF	1.78	15,094.40
Bedroom	1	Window Sash	Restore Surface	30	EA	3.00	90.00
Bedroom	1	Window Sill	Restore Surface	30	EA	12.88	386.40
Bedroom	2	Baseboard	Restore Surface	1,112	EA	1.00	1,112.00
Bedroom	2	Closet Door	Restore Surface	26	EA	45.27	1,177.02
Bedroom	2	Closet Shelf	Restore Surface	26	SF	1.99	51.74
Bedroom	2	Door Molding	Restore Surface	54	EA	16.50	891.00
Bedroom	2	Window Sash	Restore Surface	48	EA	3.00	144.00
Bedroom	2	Window Sill	Restore Surface	48	EA	12.88	618.24
Bedroom	2	Window Well	Restore Surface	48	EA	12.88	618.24
Bedroom	3	Baseboard	Restore Surface	1,348	LF	1.00	1,348.00
Bedroom	3	Door	Restore Surface	76	EA	45.27	3,440.52
Bedroom	3	Window Sash	Restore Surface	74	EA	3.00	222.00
Bedroom	4	Baseboard	Restore Surface	1,428	LF	1.00	1,428.00
Bedroom	4	Closet Door	Restore Surface	64	EA	45.27	2,897.28
Dining	1	Door	Restore Surface	70	EA	45.27	3,168.90
Dining	1	Window Sash	Restore Surface	75	EA	3.00	675.00
Dining	1	Window Molding	Restore Surface	75	EA	22.54	1,690.50
Hallway	1	Door	Restore Surface	90	EA	45.27	4,074.30
Hallway	2	Door	Restore Surface	132	EA	45.27	5,975.64
Hallway	2	Door Molding	Restore Surface	132	EA	16.50	2,178.00
Hallway	2	Wall	Restore Surface	3,936	SF	1.78	7,006.88
Hallway	2	Window Sill	Restore Surface	20	EA	12.88	257.60
Hallway	2	Window Well	Restore Surface	20	EA	12.88	257.60
Kitchen	1	Window Sash	Restore Surface	44	EA	3.00	132.00
Kitchen	1	Window Sill	Restore Surface	44	EA	12.88	566.72

Table 3 - Cost Estimates

Location	Room #	Component	Action Response	Quantity	Unit of Measure	Cost Per Unit	Cost Total
Living	1	Chair Rail	Restore Surface	1,972	LF	\$ 1.00	\$ 1,972.00
Living	1	Window Sash	Restore Surface	50	EA	3.00	150.00
Porch	1	Column	Restore Surface		SF	1.99	
Dining	1	Door	Restore Surface	66	EA	45.27	2,987.82
Bedroom	3	Ceiling	Restore Surface	4,738	SF	1.78	8,433.64
Hallway	2	Ceiling	Restore Surface	790	SF	1.78	1,406.20
Lead in Soil							
All Units	All Sides	All Foundations	Mulch or Vegetate	18,480	SF	0.50	9,240.00
<b>Subtotal</b>							\$ 100,160.78
SIOH and Bond - 8% of Subtotal							8,012.86
Contingency - 5% of Subtotal							5,008.04
<b>Total</b>							\$ 113,181.68
INTERIM CONTROL							
One-time Activity Cost							
<b>Subtotal</b>							\$ 6,800.00
SIOH and Bond - 8% of Subtotal							544.00
Contingency - 5% of Subtotal							340.00
<b>Total</b>							\$ 7,684.00
Annual Community Cost							
<b>Subtotal</b>							\$ 5,950.00
SIOH and Bond - 8% of Subtotal							476.00
Contingency - 5% of Subtotal							297.50
<b>Total</b>							\$ 6,723.50

# APPENDIX I

MAPS  
AND  
FLOOR PLANS

Inspected Housing Units<sup>1</sup>

Unit # <sup>2</sup>	Address <sup>3</sup>	Floor Plan Type
1	849 AVENUE F	H257
2	144 HOBSON AVE	HD23
3	145 HOBSON AVE	HD23
4	134 AVENUE G	HD23
5	135 AVENUE G	HD23
6	131 AVENUE G	HD23
9	128 AVENUE G	HD23
10	128 AVENUE H	HD23
11	129 AVENUE H	HD23
12	130 AVENUE H	HD23
13	131 AVENUE H	HD23
14	135 AVENUE H	HD23
15	135 AVENUE H	HD23
16	804 MARINE AVE	HD23
17	761 COMMISSARY ST	HD23
18	775 COMMISSARY ST	HD23
19	801 COMMISSARY ST	HD23
20	809 COMMISSARY ST	HD23
22	801 AVENUE F	NH64

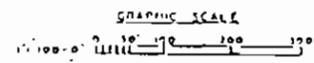
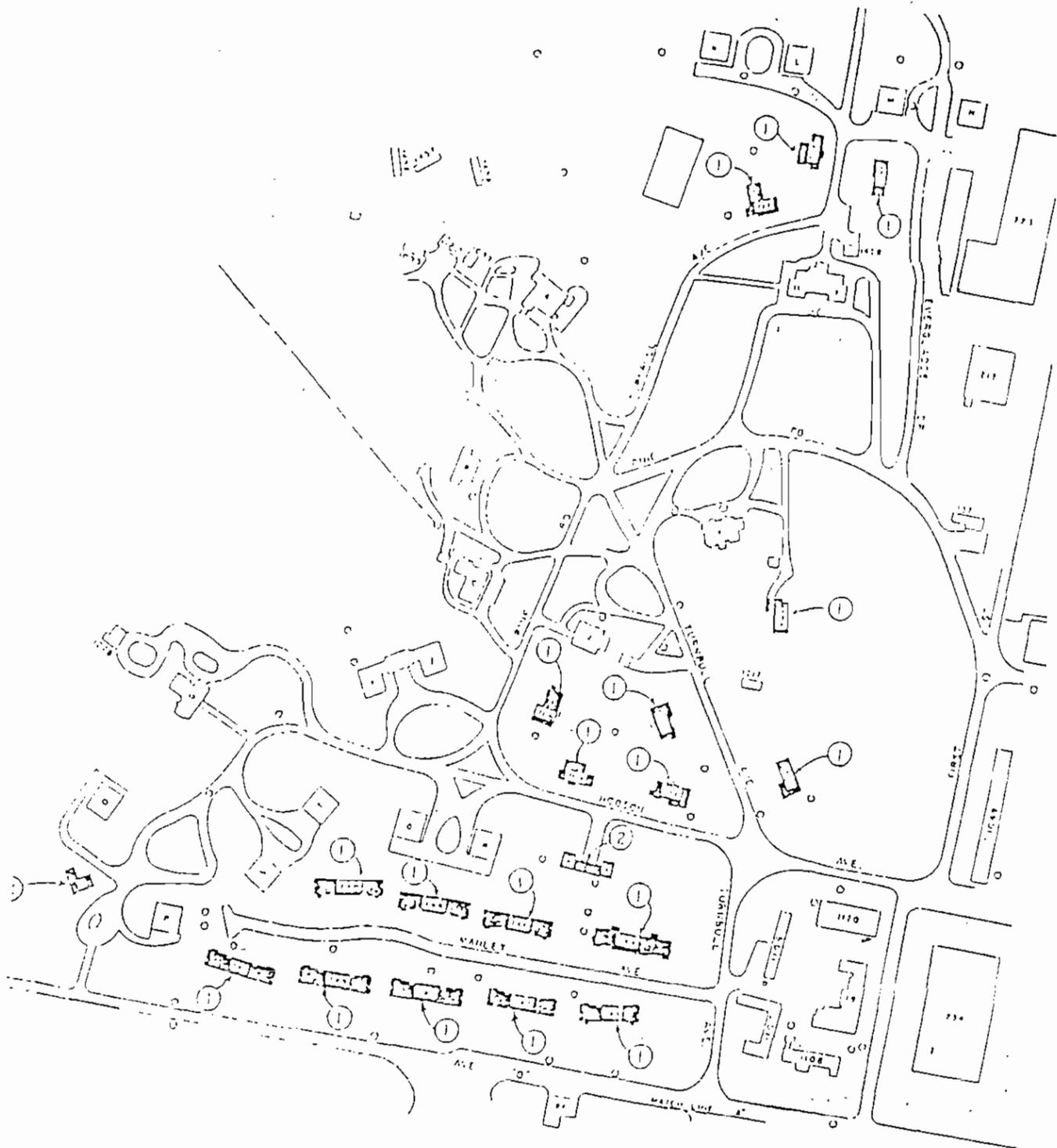
<sup>1</sup> Same housing units inspected for asbestos containing material and lead-based paint.

<sup>2</sup> See Definitions - Appendix II.

<sup>3</sup> See Community Map for a pictorial representation of housing units inspected.

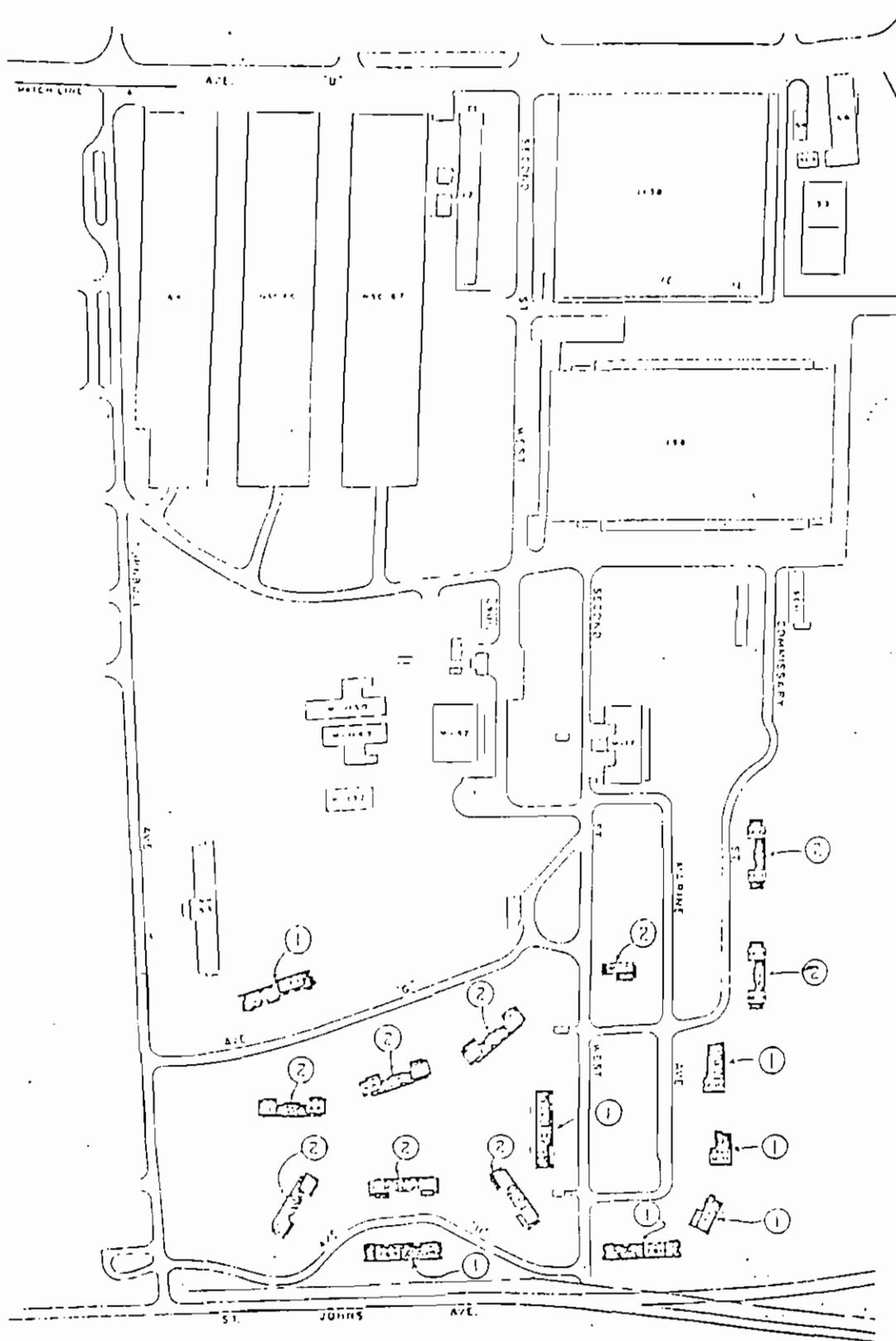
\* Units that were chosen to have inspections performed for lead in dust and lead in soil.

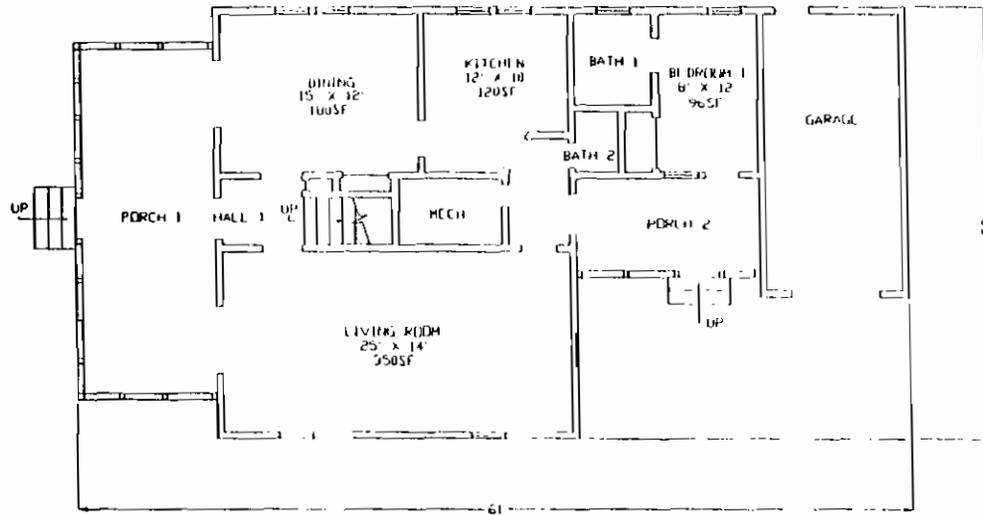
**Note:** A greater number of units were randomly selected for sample size than were actually inspected to allow for scheduling contingencies. This accounts for unit numbers greater than the total number of units inspected.



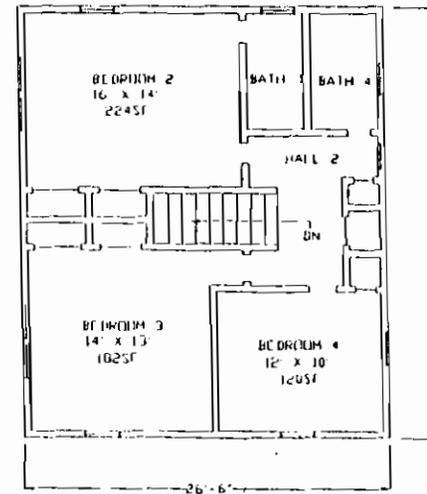
LEGEND

- ① ONE STORY STRUCTURE.
- ② TWO STORY STRUCTURE.





FIRST FLOOR PLAN



SECOND FLOOR PLAN

EXTERIOR

DEPARTMENT OF THE NAVY NAVY PUBLIC WORKS CENTER ENERGY/ENVIRONMENTAL ENGINEERING BRANCH NORFOLK, VIRGINIA		
CHARLESTON HOUSING (0078)		
NAVAL BASE CHARLESTON, SC		
FLOOR PLAN TYPE: HD23 TOTAL AREA = 1000 SF		
DRAWN BY: P. KRUEGER	DATE: 11/02/95	
NOT TO SCALE	FILE: 0078HD23.DWG	SHEET 1 OF 1

# APPENDIX II

## DEFINITIONS

**Abatement** - Any set of measures designed to permanently eliminate lead-based paint hazards in accordance with standards established by the administration under Title IV of TSCA. Includes preparation, cleanup, disposal, and post-abatement clearance testing activities associated with such measures.

**Action Levels (Per HUD/EPA Guidelines):**

- Lead-based paint - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.
- Lead in dust - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).
- Lead in soil - < 400 ppm\* - no action necessary  
400 -5000 ppm\* - interim controls  
> 5000 ppm\* - abatement necessary  
\*parts per million (ppm)

**Abatement Options:**

- Encapsulation - Resurfacing or covering surfaces and sealing or caulking with durable materials to prevent or control chalking or flaking lead-containing substances from becoming part of house dust or accessible to children.
- Enclosure - Construction of a containment structure or wall to minimize the potential contact with hazards. Use drywall, plywood, vinyl siding and trim, etc.
- Removal - The process of removing the lead-based paint from the component-by means of chemicals, scraping, heat, or blasting. Not recommended in most cases.
- Replacement - Strategy of abatement that entails the removal of components such as windows, doors, and trim that have lead painted surfaces and installing new components, free of lead paint. Cost of replacement may be incidental to ongoing renovation efforts (i.e., replacement of windows eliminates primary LBP hazard source, improves buildings energy performance, increases occupant comfort level, and reduces maintenance costs).
- Operations and Maintenance (O&M) - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Action Response Time-frame:**

- Short-term Response - Perform hazard minimization action specified per lead-based paint component and lead-contaminated dust/soil situation within 6-12 months.
- Interim Control - Measures that mitigate the hazard until permanent abatement occurs.
- Renovation - Abate specified lead-based paint and lead-contaminated dust/soil, as numerically prioritized, during future renovation projects.
- Demolition - Adhere to city/state guidelines and regulations for waste disposal.

**Blood Lead Levels** - A measure of the concentration of lead in whole blood, typically expressed in micrograms of lead per deciliter ( $\mu\text{g}/\text{dl}$ ). It indicates the amount of lead circulating in the bloodstream and is the best initial measurement to evaluate lead exposure. A multitier classification of blood lead levels established by the Centers for Disease Control (CDC) defines lead poisoning.

**Blood Lead Level Screening** - A program by the Centers for Disease Control (CDC) recommends that all children 6 years of age and younger be evaluated for lead exposure and tested for blood lead levels when appropriate. Preventing Lead Poisoning in Young Children: a statement by the Centers for Disease Control details the provisions of this screening program.

**Certified Inspector** - A person who has completed a training program certified by the appropriate Federal agency and has met any other requirements for certification or licensing established by such agency.

**Community Number** - Navy Family Housing community name and numerical designation provided by PWC Norfolk, Virginia for program management.

**Friction Surface** - An interior or exterior surface that is subject to abrasion or friction, including certain window, floor, and stair surfaces.

Hazard Potential - Quantitative assessment that involves the use of a hazard rating system to evaluate the potential hazard from lead. It includes the following parameters:

- Lead in paint content
- Paint condition
- Location of LBP component (interior/exterior)
- Surface mouthable or non-mouthable
- Lead in dust contamination
- Lead in soil contamination
- Lead in water contamination
- Children with elevated blood lead levels
- Building use

The hazard potential is given in the follow terms:

- High - A potentially hazardous situation exists in the community and a potential health risk to the residents is present.
- Moderate - A potentially hazardous situation exists in the community and a potential health risk to the residents may be present.
- Low - LBP components evaluated to be a minor health risk.

**Hazard Priority Levels** - Prioritization of hazard potential categories with recommended action response.

- Level 1 (High Hazard Potential) - Interior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 2 (High Hazard Potential) - Interior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 3 (Moderate Hazard Potential) - Exterior and mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 4 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component with damage. Recommended short-term action response is encapsulation by paint restoration.
- Level 5 (Low Hazard Potential) - Interior and mouthable LBP component in good condition. Recommended action response is O&M.

- Level 6 (Low Hazard Potential) - Interior and non-mouthable LBP component in good condition. Recommended action response is O&M.
- Level 7 (Moderate Hazard Potential) - Exterior and mouthable LBP component in good condition. Recommended action response is O&M.
- Level 8 (Moderate Hazard Potential) - Exterior and non-mouthable LBP component in good condition. Recommended action response is O&M.

**Homogenous** - A grouping of housing units built at the same time utilizing similar materials.

**Impact Surface** - An interior or exterior surface that is subject to damage by repeated impacts, for example, certain parts of door frames.

**Interim Controls** - A set of measures designed to reduce temporarily human exposure or likely exposure to lead-based paint hazards, including specialized cleaning, repairs, maintenance, painting, temporary containment, ongoing monitoring of lead-based paint hazards or potential hazards, and the establishment and operation of management and resident education programs.

**Lead-based Paint (LBP)** - 1.0 milligram per square centimeter utilizing X-Ray Fluorescence (XRF) Analyzer or 0.5% by weight (5000 parts per million) using laboratory analysis.

**Lead-based Paint Hazard** - Any condition that causes exposure to lead from lead-contaminated dust, lead-contaminated soil, lead-based paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects as established by the appropriate Federal agency.

**Lead Containing Paint** - Dry paint film that contains more than 600 ppm lead as determined by laboratory analysis. A term established by the Consumer Products Safety Commission in 1972 as a limit of 5000 ppm lead content in new residential paint and revised in 1978 to the current standard.

**Lead-contaminated Dust** - Surface dust in residential dwellings that contains a concentration (mass/area) of lead in excess of levels determined by the appropriate Federal agency to pose a threat of adverse health effects in pregnant women or young children.

**Lead in dust** - 100 micrograms per square foot (floors).  
500 micrograms per square foot (window sill).  
800 micrograms per square foot (window well).

**Lead-contaminated Soil** - Bare soil on residential real property that contains lead at or in excess of the levels determined to be hazardous to human health by the appropriate Federal agency.

Lead in soil - < 400 ppm\* - no action necessary  
 400 -5000 ppm\* - interim controls  
 > 5000 ppm\* - abatement necessary  
 \*parts per million (ppm)

**Mitigation** - Any action taken to reduce or minimize the potential hazards of lead-based paint.

**Mouthable** - An interior or exterior surface that is accessible for a young child to mouth or chew.

**Non-homogenous** - Housing units built at different times using different materials.

**Non-mouthable** - An interior or exterior surface that is not accessible for a young child to mouth or chew.

**Operations and Maintenance (O&M)** - A means of handling lead in paint in-place utilizing an interim control until the hazard is permanently removed.

**Operations and Maintenance (O&M) Cost Factor** - A multiplier for calculating annual O&M costs derived from the time estimated for LBP component surveillance and record keeping.

# Positive LBP Components	Surveillance (time per unit)	Record Keeping (time per unit)	O&M Annual Cost Factor (time per unit)	O&M Cost per unit per year (based on \$50.00 per hour labor)
1 to 30	0.50	1.00	1.50	\$ 75.00
31 to 60	0.75	1.50	2.25	\$112.50
61 to 90	1.00	2.00	3.00	\$150.00
91 to 120	1.25	2.50	3.75	\$187.50
120 +	1.25	3.00	4.25	\$212.50

**Paint Conditions:**

- Chalking (C) - A film picked-up by touching the surface.
- Intact (I) - No damage (0%).
- Major Damage (MJR) - Flaking, peeling, blistering of 35% or more of the surface area (greater than 35%).
- MFG Finish (MFG) - Factory painted (i.e., range exhaust, storm doors, cabinets).
- Minor Damage (MNR) - Flaking, peeling, blistering of less than 35% of the surface area (less than 35%).
- Not Painted (NP) - No paint (i.e., bare wood, vinyl/metal siding).
- Varnish/Stain (VS) - Any stain, varnish, polyurethane application to the surface.

**Substrate Condition:**

- Good (G) - No damage.
- Fair (F) - Rot, missing substrate of the surface area.
- Poor (P) - Rot, missing substrate of the surface area.

**Toxic Characteristic Leachate Procedure (TCLP)** - A laboratory testing procedure to determine the presence of hazardous constituents in sample.

**TSP** - Tri-sodium phosphate solution diluted in water.

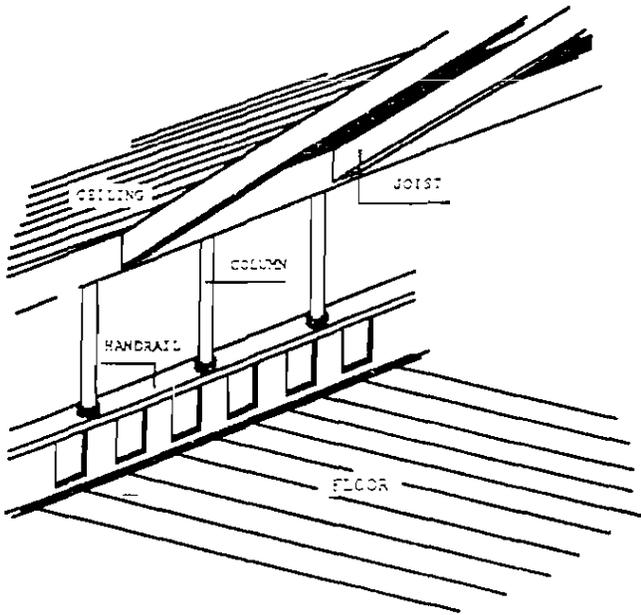
**UIC Number** - An alpha-numeric code assigned by DOD to represent each Activity/Command.

**Unit Number** - A numerical designation used by PWC Norfolk, Virginia to allow for accountability of units within an inspected community; used for project management.

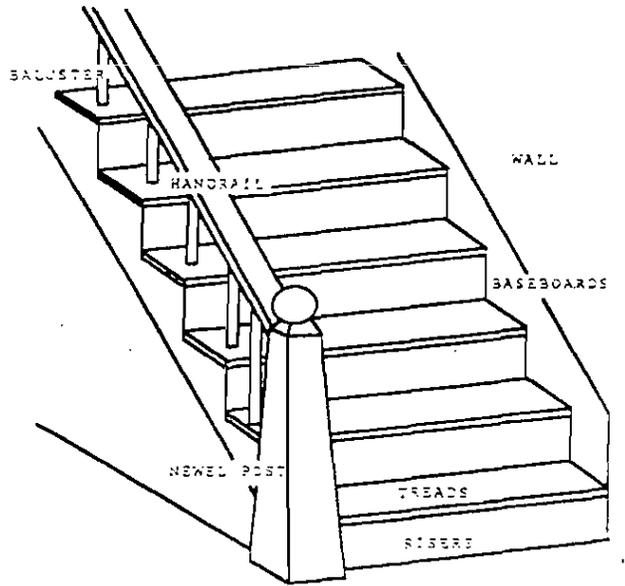
**X-ray Fluorescent Spectrum Analyzer (XRF)** - An instrument that determines lead concentrations in milligrams per square centimeter (mg/cm<sup>2</sup>) using the principle of X-ray fluorescence. This type of analyzer provides the operator with a plot of energy and intensity of both "K" and "L" x-rays, as well as a calculated lead concentration.

**Note:** The following pages contain pictorial representations of wall/room designations and component descriptions.

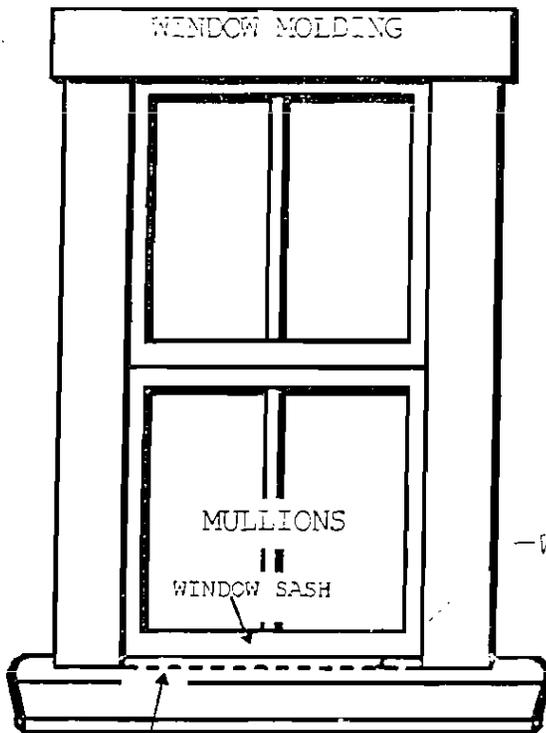




PORCH/SUNROOM

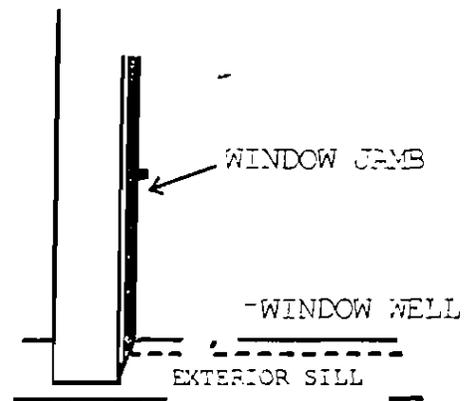


STAIRWAY



WINDOW SILL

-WINDOW WELL



WINDOW JAMB

-WINDOW WELL

EXTERIOR SILL

WINDOW

# APPENDIX III

## LEAD IN PAINT INSPECTION SUMMARY

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	1	Ceiling	0	I	0	F	Dry Wall
Bathroom	1	Closet Shelf	0	I	0	Y	Wood
Bathroom	1	Door	5	I	0	Y	Wood
Bathroom	1	Door Jamb	0	I	0	Y	Wood
Bathroom	1	Door Molding	16	I	0	Y	Wood
Bathroom	1	Vanity	0	I	0	Y	Wood
Bathroom	1	Wall	16	MNR	8	Y	Dry Wall
Bathroom	1	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	1	Window Sash	80	MNR	20	Y	Wood
Bathroom	1	Window Sill	18	MJR	45	Y	Wood
Bathroom	1	Window Molding	0	MNR	20	Y	Wood
Bathroom	2	Baseboard	0	I	0	F	Wood
Bathroom	2	Ceiling	0	I	0	F	Dry Wall
Bathroom	2	Door	13	I	0	Y	Wood
Bathroom	2	Door Molding	33	MNR	33	Y	Wood
Bathroom	2	Wall	11	I	0	Y	Dry Wall
Bathroom	2	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	2	Window Sash	66	MJR	55	Y	Wood
Bathroom	2	Window Sill	20	MNR	30	Y	Wood
Bathroom	2	Window Well	100	MJR	100	Y	Wood
Bathroom	2	Window Molding	0	I	0	Y	Wood
Bathroom	3	Baseboard	0	I	0	Y	Wood
Bathroom	3	Ceiling	26	I	0	F	Dry Wall
Bathroom	3	Closet Door	0	I	0	Y	Wood
Bathroom	3	Door	0	MNR	16	Y	Wood
Bathroom	3	Door Jamb	0	I	0	Y	Wood
Bathroom	3	Door Molding	50	I	0	Y	Wood
Bathroom	3	Vanity	0	I	0	Y	Wood
Bathroom	3	Wall	27	I	0	Y	Dry Wall
Bathroom	3	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	3	Window Sash	100	MJR	50	Y	Wood
Bathroom	3	Window Sill	44	MNR	22	Y	Wood
Bathroom	3	Window Molding	0	MJR	50	Y	Wood

the window  
4 hrs  
labor  
mullions

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bathroom	4	Ceiling	8	I	0	F	Dry Wall
Bathroom	4	Door	10	MNR	20	Y	Wood
Bathroom	4	Door Jamb	0	I	0	Y	Wood
Bathroom	4	Door Molding	37	MNR	12	Y	Wood
Bathroom	4	Vanity	0	I	0	Y	Wood
Bathroom	4	Wall	25	I	0	Y	Dry Wall
Bathroom	4	Wall (upper)	0	I	0	Y	Dry Wall
Bathroom	4	Window Sash	100	MNR	28	Y	Wood
Bathroom	4	Window Sill	33	MNR	22	Y	Wood
Bathroom	4	Window Molding	50	I	0	Y	Wood
Bathroom	5	Ceiling	0	I	0	F	Dry Wall
Bathroom	5	Door	100	I	0	Y	Wood
Bathroom	5	Door Molding	0	I	0	Y	Wood
Bathroom	5	Wall	0	I	0	Y	Dry Wall
Bathroom	5	Window Sash	100	I	0	Y	Wood
Bedroom	1	Baseboard	0	I	0	Y	Wood
Bedroom	1	Bifold Door	0	I	0	Y	Wood
Bedroom	1	Cabinet	0	I	0	Y	Wood
Bedroom	1	Ceiling	22	I	0	F	Dry Wall
Bedroom	1	Closet Door	0	MNR	12	Y	Wood
Bedroom	1	Closet Shelf	0	I	0	Y	Wood
Bedroom	1	Door	10	MNR	10	Y	Wood
Bedroom	1	Door Jamb	0	I	0	Y	Wood
Bedroom	1	Door Molding	0	I	0	Y	Wood
Bedroom	1	Floor	0	I	0	Y	Wood
Bedroom	1	Sliding Door	0	I	0	Y	Wood
Bedroom	1	Wall	6	MNR	6	Y	Dry Wall
Bedroom	1	Window Sash	100	MNR	7	Y	Wood
Bedroom	1	Window Sill	7	MNR	15	Y	Wood
Bedroom	1	Window Well	100	I	0	Y	Wood
Bedroom	1	Window Molding	0	I	0	Y	Wood
Bedroom	2	Baseboard	15	MNR	5	Y	Wood
Bedroom	2	Ceiling	23	I	0	F	Dry Wall

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	2	Closet Door	25	MNR	12	Y	Wood
Bedroom	2	Closet Shelf	16	MNR	8	Y	Wood
Bedroom	2	Door	7	I	0	Y	Wood
Bedroom	2	Door Jamb	100	I	0	Y	Wood
Bedroom	2	Door Molding	25	MNR	12	Y	Wood
Bedroom	2	Wall	31	I	0	Y	Dry Wall
Bedroom	2	Window Jamb	0	I	0	Y	Wood
Bedroom	2	Window Sash	91	MNR	8	Y	Wood
Bedroom	2	Window Sill	14	MNR	28	Y	Wood
Bedroom	2	Window Well	100	MJR	100	Y	Wood
Bedroom	2	Window Molding	28	I	0	Y	Wood
Bedroom	3	Baseboard	7	MNR	7	Y	Wood
Bedroom	3	Ceiling	12	MNR	12	F	Dry Wall
Bedroom	3	Chair Rail	0	I	0	Y	Wood
Bedroom	3	Closet Door	30	I	0	Y	Wood
Bedroom	3	Closet Shelf	0	I	0	Y	Wood
Bedroom	3	Door	12	MNR	6	Y	Wood
Bedroom	3	Door Molding	27	I	0	Y	Wood
Bedroom	3	Wall	25	I	0	Y	Dry Wall
Bedroom	3	Window Sash	100	MJR	37	Y	Wood
Bedroom	3	Window Sill	33	I	0	Y	Wood
Bedroom	3	Window Molding	0	I	0	Y	Wood
Bedroom	4	Baseboard	25	MNR	25	Y	Wood
Bedroom	4	Ceiling	20	I	0	F	Dry Wall
Bedroom	4	Closet Door	16	MNR	16	Y	Wood
Bedroom	4	Closet Shelf	25	I	0	Y	Wood
Bedroom	4	Door	20	I	0	Y	Wood
Bedroom	4	Door Molding	50	I	0	Y	Wood
Bedroom	4	Wall	25	I	0	Y	Dry Wall
Bedroom	4	Window Sill	50	I	0	Y	Wood
Bedroom	4	Window Molding	0	I	0	Y	Wood
Bedroom	5	Baseboard	100	I	0	Y	Wood
Bedroom	5	Closet Door	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Bedroom	5	Door	100	I	0	Y	Wood
Bedroom	5	Door Molding	100	I	0	Y	Wood
Bedroom	5	Radiator	100	I	0	Y	Metal
Bedroom	5	Wall	100	I	0	Y	Dry Wall
Dining	1	Baseboard	15	I	0	Y	Wood
Dining	1	Built-in Shelf	0	I	0	Y	Wood
Dining	1	Cabinet	33	I	0	Y	Wood
Dining	1	Ceiling	26	I	0	F	Dry Wall
Dining	1	Chair Rail	50	I	0	Y	Wood
Dining	1	Closet Shelf	0	I	0	Y	Wood
Dining	1	Door	50	MNR	10	Y	Wood
Dining	1	Door Molding	38	I	0	Y	Wood
Dining	1	Door-ext.	40	I	0	Y	Wood
Dining	1	Radiator	100	I	0	F	Metal
Dining	1	Utility Door	100	I	0	Y	Dry Wall
Dining	1	Wall	23	I	0	Y	Dry Wall
Dining	1	Window Sash	92	MNR	23	Y	Wood
Dining	1	Window Sill	14	I	0	Y	Wood
Dining	1	Window Well	100	I	0	Y	Wood
Dining	1	Window Molding	50	MJR	50	Y	Wood
Exterior	1	Awning	33	MNR	16	Y	Metal
Exterior	1	Ceiling	100	I	0	F	Wood
Exterior	1	Column	100	I	0	Y	Wood
Exterior	1	Door	60	MNR	6	Y	Wood
Exterior	1	Door Jamb	57	I	0	Y	Wood
Exterior	1	Door Molding	60	I	0	Y	Wood
Exterior	1	Down Spouts	25	I	0	Y	Metal
Exterior	1	Fence	33	I	0	Y	Wood
Exterior	1	Garage Door	0	I	0	Y	Wood
Exterior	1	Screen Door	0	I	0	Y	Wood
Exterior	1	Screen Framing	66	I	0	Y	Wood
Exterior	1	Siding	0	I	0	Y	Wood
Exterior	1	Soffit/facia	50	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Exterior	1	Threshold	75	I	0	Y	Wood
Exterior	1	Trim	100	MJR	42	Y	Wood
Exterior	1	Wall	10	MNR	5	Y	SHINGLE
Exterior	1	Wall (lower)	50	I	0	Y	Wood
Exterior	1	Window Sill	100	I	0	Y	Wood
Exterior	1	Window Well	100	MJR	50	Y	Wood
Exterior	1	Window Molding	94	I	0	Y	Wood
Garage/carport	1	Ceiling	50	I	0	F	Wood
Garage/carport	1	Door	0	I	0	Y	Wood
Garage/carport	1	Door Jamb	0	I	0	Y	Wood
Garage/carport	1	Door Molding	40	MNR	20	Y	Wood
Garage/carport	1	Garage Door	0	MJR	60	Y	Vinyl
Garage/carport	1	Trim	50	I	0	Y	Wood
Garage/carport	1	Wall	0	MNR	25	Y	SHINGLE
Hallway	1	Baseboard	13	I	0	Y	Wood
Hallway	1	Cabinet	0	I	0	Y	Wood
Hallway	1	Ceiling	36	I	0	F	Dry Wall
Hallway	1	Chair Rail	0	I	0	Y	Wood
Hallway	1	Closet Door	10	J	0	Y	Wood
Hallway	1	Closet Shelf	0	I	0	Y	Wood
Hallway	1	Door	44	MNR	11	Y	Wood
Hallway	1	Door Jamb	22	I	0	Y	Wood
Hallway	1	Door Molding	33	I	0	Y	Wood
Hallway	1	Door-ext.	77	I	0	Y	Wood
Hallway	1	Floor	0	I	0	Y	Wood
Hallway	1	French Door	100	I	0	Y	Wood
Hallway	1	Handrail	0	I	0	Y	Wood
Hallway	1	Radiator	100	I	0	F	Metal
Hallway	1	Wall	22	I	0	Y	Dry Wall
Hallway	1	Wall (upper)	0	I	0	Y	Dry Wall
Hallway	2	Attic Access	0	I	0	Y	Dry Wall
Hallway	2	Attic Door	50	I	0	Y	Wood
Hallway	2	Baseboard	0	MNR	6	Y	Wood

Table P - Lead in Paint Inspection Results  
(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	# Positive <sup>3</sup>	Paint Condition	# Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Hallway	2	Ceiling	8	MNR	8	F	Dry Wall
Hallway	2	Closet Door	25	I	0	Y	Wood
Hallway	2	Closet Shelf	0	I	0	Y	Wood
Hallway	2	Door	12	MNR	12	Y	Wood
Hallway	2	Door Jamb	0	I	0	Y	Wood
Hallway	2	Door Molding	20	MJR	40	Y	Wood
Hallway	2	Wall	9	MNR	9	Y	Dry Wall
Hallway	2	Window Sill	25	MJR	50	Y	Wood
Hallway	2	Window Well	100	MJR	50	Y	Wood
Hallway	2	Window Molding	0	I	0	Y	Wood
Kitchen	1	Baseboard	0	I	0	Y	Wood
Kitchen	1	Bifold Door	0	I	0	Y	Wood
Kitchen	1	Cabinet	0	I	0	Y	Wood
Kitchen	1	Ceiling	5	I	0	F	Dry Wall
Kitchen	1	Closet Door	0	I	0	Y	Wood
Kitchen	1	Closet Shelf	9	I	0	Y	Wood
Kitchen	1	Door	12	I	0	Y	Wood
Kitchen	1	Door Molding	10	I	0	Y	Wood
Kitchen	1	Door-ext.	100	I	0	Y	Wood
Kitchen	1	Louvered Doors	0	I	0	Y	Wood
Kitchen	1	Wall	0	I	0	Y	Dry Wall
Kitchen	1	Wallpaper	0	I	0	Y	Wood
Kitchen	1	Window Sash	85	MNR	21	Y	Wood
Kitchen	1	Window Sill	8	MNR	33	Y	Wood
Kitchen	1	Window Well	100	I	0	Y	Wood
Kitchen	1	Window Molding	20	I	0	Y	Wood
Kitchen	1	Baseboard	0	I	0	Y	Wood
Living	1	Baseboard	25	I	0	Y	Wood
Living	1	Cabinet	100	I	0	Y	Wood
Living	1	Ceiling	23	I	0	F	Dry Wall
Living	1	Chair Rail	16	MNR	33	Y	Wood
Living	1	Chg Molding	0	I	0	F	Wood
Living	1	Door	44	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Living	1	Door Jamb	0	I	0	Y	Wood
Living	1	Door Molding	42	I	0	Y	Wood
Living	1	Door-ext.	83	I	0	Y	Wood
Living	1	Floor	0	I	0	Y	Wood
Living	1	Radiator	100	I	0	F	Metal
Living	1	Wall	31	I	0	Y	Dry Wall
Living	1	Wall (lower)	0	I	0	Y	Plaster
Living	1	Wall (upper)	0	I	0	Y	Vinyl
Living	1	Window Sash	100	MJR	37	Y	Wood
Living	1	Window Sill	28	I	0	Y	Wood
Living	1	Window Well	100	I	0	Y	Wood
Living	1	Window Molding	100	I	0	Y	Wood
Living	2	Cabinet	0	I	0	F	Wood
Living	2	Ceiling	0	I	0	F	Dry Wall
Living	2	Door-ext.	100	I	0	F	Wood
Living	2	Radiator	100	I	0	F	Metal
Living	2	Wall	100	I	0	F	Dry Wall
Living	2	Window Sash	100	I	0	F	Wood
Living	2	Window Sill	0	I	0	F	Wood
Mechanical	1	Door	40	I	0	Y	Wood
Mechanical	1	Door Jamb	0	I	0	Y	Wood
Mechanical	1	Wall	0	I	0	Y	Brick
Porch	1	Cabinet	100	I	0	Y	Wood
Porch	1	Ceiling	88	MNR	11	F	Wood
Porch	1	Column	100	MNR	25	Y	Wood
Porch	1	Door	62	MNR	6	Y	Wood
Porch	1	Door Jamb	100	I	0	Y	Wood
Porch	1	Door Molding	100	I	0	Y	Wood
Porch	1	Door-ext.	100	MNR	9	Y	Wood
Porch	1	Fence	0	I	0	Y	Wood
Porch	1	Floor	25	MNR	25	Y	Wood
Porch	1	Other	0	I	0	Y	Wood
Porch	1	Radiator	100	I	0	F	Metal
Porch	1	Screen Door	50	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Porch	1	Siding	100	MJR	100	Y	SHINGLE
Porch	1	Threshold	100	MNR	25	Y	Wood
Porch	1	Trim	60	MNR	10	Y	Wood
Porch	1	Wall	71	I	0	Y	SHINGLE
Porch	1	Wall (lower)	25	I	0	Y	Wood
Porch	1	Window Sill	100	MJR	100	F	Wood
Porch	1	Window Molding	66	I	0	Y	Wood
Porch	2	Ceiling	93	I	0	F	Wood
Porch	2	Closet Door	0	I	0	Y	Wood
Porch	2	Closet Shelf	0	I	0	Y	Wood
Porch	2	Column	100	I	0	Y	Wood
Porch	2	Door	62	I	0	Y	Wood
Porch	2	Door Jamb	100	I	0	Y	Wood
Porch	2	Door Molding	75	I	0	Y	Wood
Porch	2	Door-ext.	50	I	0	Y	Wood
Porch	2	Floor	100	MNR	25	Y	Wood
Porch	2	Screen Framing	100	I	0	Y	Wood
Porch	2	Threshold	100	I	0	Y	Wood
Porch	2	Trim	100	MJR	50	Y	Wood
Porch	2	Wall	15	MNR	7	Y	SHINGLE
Porch	2	Wall (lower)	0	I	0	Y	Wood
Porch	2	Window Sash	0	I	0	Y	Wood
Porch	2	Window Molding	100	I	0	Y	Wood
Stairway	1	Ceiling	33	I	0	F	Dry Wall
Stairway	1	Chair Rail	0	I	0	Y	Wood
Stairway	1	Door Jamb	0	I	0	Y	Dry Wall
Stairway	1	Door Molding	0	I	0	Y	Wood
Stairway	1	Handrail	16	I	0	Y	Wood
Stairway	1	Str Baseboard	20	MNR	0	Y	Wood
Stairway	1	Str Riser	11	MNR	22	Y	Wood
Stairway	1	Str Tread	40	I	0	Y	Wood
Stairway	1	Trim	0	I	0	Y	Wood
Stairway	1	Wall	30	I	0	Y	Dry Wall
Stairway	1	Window Sill	100	I	0	Y	Wood

Table P - Lead in Paint Inspection Results

(Composite Summary of all Inspected Units)

Location <sup>1</sup>	Room # <sup>2</sup>	Component	% Positive <sup>3</sup>	Paint Condition	% Damage <sup>4</sup>	Mouthable <sup>5</sup> (Y/N)	Substrate
Storage	1	Attic Door	0	I	0	Y	Wood
Storage	1	Baseboard	0	MNR	14	Y	Wood
Storage	1	Bifold Door	0	I	0	Y	Wood
Storage	1	Ceiling	9	I	0	F	Dry Wall
Storage	1	Chair Rail	0	I	0	Y	Wood
Storage	1	Closet Shelf	0	I	0	Y	Wood
Storage	1	Door	0	I	0	Y	Wood
Storage	1	Door Molding	20	MNR	20	Y	Wood
Storage	1	Door-ext.	100	MJR	100	Y	Wood
Storage	1	Utility Door	0	I	0	Y	Wood
Storage	1	Wall	9	I	0	Y	Dry Wall
Storage	1	Wall (lower)	0	I	0	Y	Dry Wall
Storage	1	Wall (upper)	0	MJR	100	Y	Wood
Storage	1	Window Sash	100	MNR	22	Y	Wood
Storage	1	Window Sill	66	MNR	16	Y	Wood
Storage	1	Window Molding	0	MNR	33	Y	Wood

<sup>1, 2</sup> See Floor Plans - Appendix I.

<sup>3</sup> Corresponds to the percentage of components in the community that are positive.

<sup>4</sup> Corresponds to the percentage of damaged components in the community.

<sup>5, 6</sup> See Definitions - Appendix II.

# APPENDIX IV

## LEAD IN DUST INSPECTION SUMMARY

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
1575 Hobson Ave	1	Living	1	Window Sill	Wood	G	I	219	N
1575 Hobson Ave	1	Living	1	Floor	Wood	G	N	18	N
1575 Hobson Ave	1	Kitchen	1	Window Sill	Wood	G	I	224	N
1575 Hobson Ave	1	Kitchen	1	Floor	Linoleum	G	N	18	N
1575 Hobson Ave	1	Bedroom	4	Window Sill	Wood	G	M	186	N
1575 Hobson Ave	1	Bedroom	3	Window Sill	Wood	G	M	25	N
1445 Hobson Ave	2	Living	1	Window Sill	Wood	G	I	503	Y
1445 Hobson Ave	2	Living	1	Floor	Wood	G	N	18	N
1445 Hobson Ave	2	Kitchen	1	Window Sill	Wood	G	I	53	N
1445 Hobson Ave	2	Kitchen	1	Floor	Linoleum	G	N	18	N
1445 Hobson Ave	2	Bedroom	1	Window Sill	Wood	G	I	965	Y
1445 Hobson Ave	2	Bedroom	1	Floor	Wood	G	N	18	N
1445 Hobson Ave	2	Bedroom	2	Window Sill	Wood	G	I	59	N
1445 Hobson Ave	2	Bedroom	2	Floor	Wood	G	N	18	N
1455 Hobson Ave	3	Living	1	Window Well	Wood	G	M	9600	Y
1455 Hobson Ave	3	Living	1	Floor	Wood	G	N	18	N
1455 Hobson Ave	3	Kitchen	1	Window Sill	Wood	G	M	82	N
1455 Hobson Ave	3	Kitchen	1	Floor	Linoleum	G	N	18	N
1455 Hobson Ave	3	Bedroom	2	Window Sill	Wood	G	M	1408	Y
1455 Hobson Ave	3	Bedroom	2	Floor	Wood	G	N	18	N
1455 Hobson Ave	3	Bedroom	3	Window Sill	Wood	G	M	1429	Y
1455 Hobson Ave	3	Bedroom	3	Floor	Wood	G	N	34	N
1345 Avenue G	4	Living	1	Window Sill	Wood	G	M	0	N
1345 Avenue G	4	Living	1	Floor	Wood	G	N	0	N
1345 Avenue G	4	Kitchen	1	Window Sill	Wood	G	M	0	N
1345 Avenue G	4	Kitchen	1	Floor	Linoleum	G	N	0	N
1345 Avenue G	4	Bedroom	1	Window Sill	Wood	G	M	0	N
1345 Avenue G	4	Bedroom	2	Window Sill	Wood	G	M	0	N
1345 Avenue G	4	Bedroom	2	Floor	Wood	G	N	0	N
761 Commissary St	17	Living	1	Window Well	Wood	F	M	33	N
761 Commissary St	17	Living	1	Floor	Wood	G	I	25	N

Table D - Lead in Dust Inspection Results

Address	Unit # <sup>1</sup>	Location <sup>2</sup>	Room # <sup>3</sup>	Component	Substrate	Substrate Condition <sup>4</sup>	Paint Condition <sup>5</sup>	Lead Content (ug/ft <sup>2</sup> )	Above Action level <sup>6</sup> (Y/N)
761 Commissary St	17	Kitchen	1	Window Well	Wood	F	M	3387	Y
761 Commissary St	17	Kitchen	1	Floor	Linoleum	G	N	25	N
761 Commissary St	17	Bedroom	1	Window Well	Wood	F	M	1121	Y
761 Commissary St	17	Bedroom	1	Floor	Wood	G	N	25	N
761 Commissary St	17	Bedroom	3	Window Well	Wood	F	M	1680	Y
761 Commissary St	17	Bedroom	3	Floor	Wood	G	N	25	N
775 Commissary St	18	Living	1	Window Well	Wood	F	M	464	N
775 Commissary St	18	Living	1	Floor	Wood	G	N	25	N
775 Commissary St	18	Kitchen	1	Window Sill	Wood	G	I	33	N
775 Commissary St	18	Kitchen	1	Floor	Linoleum	G	N	25	N
775 Commissary St	18	Bedroom	2	Window Sill	Wood	G	I	49	N
775 Commissary St	18	Bedroom	2	Floor	Wood	G	N	25	N
775 Commissary St	18	Bedroom	1	Window Well	Wood	F	M	3513	Y
775 Commissary St	18	Bedroom	1	Floor	Wood	G	N	25	N

1, 4, 5, 6 See Definitions - Appendix II.

2, 3 See Floor Plans - Appendix I.

# APPENDIX V

## LEAD IN SOIL INSPECTION SUMMARY

Table S - Lead in Soil Inspection Results

Address	Unit # <sup>1</sup>	Subarea	% of Subarea Without Vegetation	Unit Side <sup>2</sup>	Distance From Unit (Feet)	Paint Condition <sup>3</sup>	Lead Content (ppm)	Above Allowable Limit <sup>4</sup> (Y/N)
1575 Hobson Ave	1	Background	0	1	50	NP	33	N
1575 Hobson Ave	1	Foundation #1	100	1	0	MNR	1352	Y
1575 Hobson Ave	1	Foundation #2	50	3	0	MNR	600	Y
1445 Hobson Ave	2	Background	0	4	75	NP	100	N
1445 Hobson Ave	2	Foundation #1	25	4	0	I	662	Y
1445 Hobson Ave	2	Foundation #2	10	2	0	I	1454	Y
1455 Hobson Ave	3	Background	0	1	0	NP	53	N
1455 Hobson Ave	3	Foundation #1	25	4	0	I	62	N
1455 Hobson Ave	3	Foundation #2	10	3	0	I	129	N
1345 Avenue G	4	Background	0	1	0	NP	85	N
1345 Avenue G	4	Foundation #1	25	2	0	I	225	N
1345 Avenue G	4	Foundation #2	25	3	0	I	429	Y
761 Commissary St.	17	Background	0	3	100	NP	61	N
761 Commissary St.	17	Foundation #1	75	1	0	I	131	N
761 Commissary St.	17	Foundation #2	80	3	0	I	134	N
761 Commissary St.	17	Roadside	10	1	50	NP	149	N
775 Commissary St.	18	Background	0	3	150	NP	93	N
775 Commissary St.	18	Foundation #1	95	1	0	I	128	N
775 Commissary St.	18	Foundation #2	100	4	0	I	102	N
775 Commissary St.	18	Along Sidewalk	40	1	30	I	40	N

<sup>1, 3, 4</sup> See Definitions - Appendix II.

<sup>2</sup> Unit side 1 is the side of the unit that has the entrance door on it. Unit sides 2, 3, and 4 determined by going clockwise around the unit and numbering each side, respectively.

# APPENDIX VI

## COST ESTIMATE DETAILS

Cost Estimate Details

Location	Room # <sup>1</sup>	Component	Unit of Measure	Average Quantity Per Housing Unit				Total # of Housing Units with Lead				Total
				HD23	H257	NH2402	NH64	HD23	H257	NH2402	NH64	
Bedroom	2	Window Sill	EA	2	2	2	2	19	1	2	2	48
Bedroom	2	Window Wall	EA	2	2	2	2	19	1	2	2	48
Bedroom	3	Baseboard	LF	54	54	68	66	19	1	2	2	1,348
Bedroom	3	Door	EA	3	3	5	3	19	1	2	2	76
Bedroom	3	Window Sill	EA	3	3	4	3	19	1	2	2	74
Bedroom	4	Baseboard	LF	60	60	48	66	19	1	2	2	1,428
Bedroom	4	Closet Door	EA	3	3	1	1	19	1	2	2	64
Dining	1	Door	EA	3	3	3	2	19	1	2	2	70
Dining	1	Window Sill	EA	2	2	5	3	19	1	2	2	75
Dining	1	Window Holding	EA	2	2	5	3	19	1	2	2	75
Hallway	1	Door	EA	4	4	0	5	19	1	2	2	90
Hallway	2	Door	EA	6	6	0	6	19	1	2	2	132
Hallway	2	Door Holding	EA	6	6	0	6	19	1	2	2	132
Hallway	2	Wall	SF	160	160	0	368	19	1	2	2	3,936
Hallway	2	Window Sill	EA	1	1	0	0	19	1	2	2	20
Hallway	2	Window Wall	EA	1	1	0	0	19	1	2	2	20
Kitchen	1	Window Sash	EA	2	2	1	1	19	1	2	2	44
Kitchen	1	Window Sill	EA	2	2	1	1	19	1	2	2	44
Living	1	Chair Rail	LF	78	78	122	84	19	1	2	2	1,972
Living	1	Window Sill	EA	2	2	1	4	19	1	2	2	50
Porch	1	Column	SF					19	1	2	2	
Dining	1	Door	EA	3	3	1	2	19	1	2	2	66
Bedroom	3	Ceiling	SF	182	182	289	260	19	1	2	2	4,738
Hallway	2	Ceiling	SF	30	100	0	60	19	1	2	2	790
Lead in Soil												
All Units	All Sides	All Foundations	SF	750	750	900	840	19	1	2	2	18,840

## INTERIM CONTROL

The O&M Program includes the following items:

<b>One-time Activity Cost*</b>	
Notification - Each for housing staff, maintenance, and occupants. (4 hrs) (\$50/hr) (3 people)	\$ 600.00
Controls and Work Practices - Training maintenance personnel. (8 hrs) (\$50/hr) (4 people) + (4 people) (\$500 tuition)	\$ 3,600.00
Training - Housing office personnel trained. (16 hrs) (\$50/hr) (2 people) + (2 people) (\$500 tuition)	\$ 2,600.00
<b>TOTAL ONE-TIME ACTIVITY COST</b>	<b>\$ 6,800.00</b>
* Actual costs will be a function of personnel needs/availability, housing staff structure, and the quantity and characteristics of the housing units.	
<b>Annual Community Cost</b>	
O&M Surveillance and Record Keeping - Assessment and management of LBP components. The assessment includes the annual evaluation of each LBP component to determine condition, damage type, and potential for disturbance. Management of LBP components includes the time to record the surveillance information for the component into a lead file, establishing a work permit system to determine when operations/activities may disturb the components creating dust, document changes in condition/repairs/removal of the LBP component, and maintain training records. This cost estimate utilizes a cost factor based on the number of LBP components per homogenous community. FY1942 housing has 278 LBP components. <sup>1</sup>	
(4.25 LBP cost factor <sup>2</sup> ) (\$50/hr) (24 total units <sup>3</sup> )	\$5,100.00
Dust and Soil Testing - Random unit testing in accordance with HUD guidelines and sampling protocol. The O&M program requires annual dust and soil until the hazard is no longer present.	
[(12 samples) (\$10 per analysis) + (1 hr) (\$50/hr)] (5 units <sup>3</sup> )	\$ 850.00
<b>TOTAL ANNUAL COMMUNITY COST</b>	<b>\$5,950.00</b>
<sup>1</sup> See Appendix III - Lead in Paint Inspection Summary for listing of positive LBP components.	
<sup>2</sup> See Appendix II - Definitions	
<sup>3</sup> See Table 1 Inspection Parameters	