MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address:	10212 Montgomery Ave., Kensington	**Meeting Date:**	4/8/2026
Resource:	Primary One Resource **Kensington Historic District**	**Report Date:**	4/1/2026
Applicant:	Warner Circle Mansion Condominiums, LLC **(**Karl Voglmayr, Agent)	**Public Notice:**	3/25/22026
Review:	HAWP	**Tax Credit:**	n/a
Permit No.:	1053565 REVISION #4	**Staff:**	Dan Bruechert
Proposal:	Installation of Mechanical Equipment and Window Replacement		

STAFF RECOMMENDATION

Staff recommends the HPC **approve** the HAWP application.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Primary One Resource within the Kensington Historic District
STYLE: Queen Anne
DATE: c.1890 w/ c.1914 carriage house

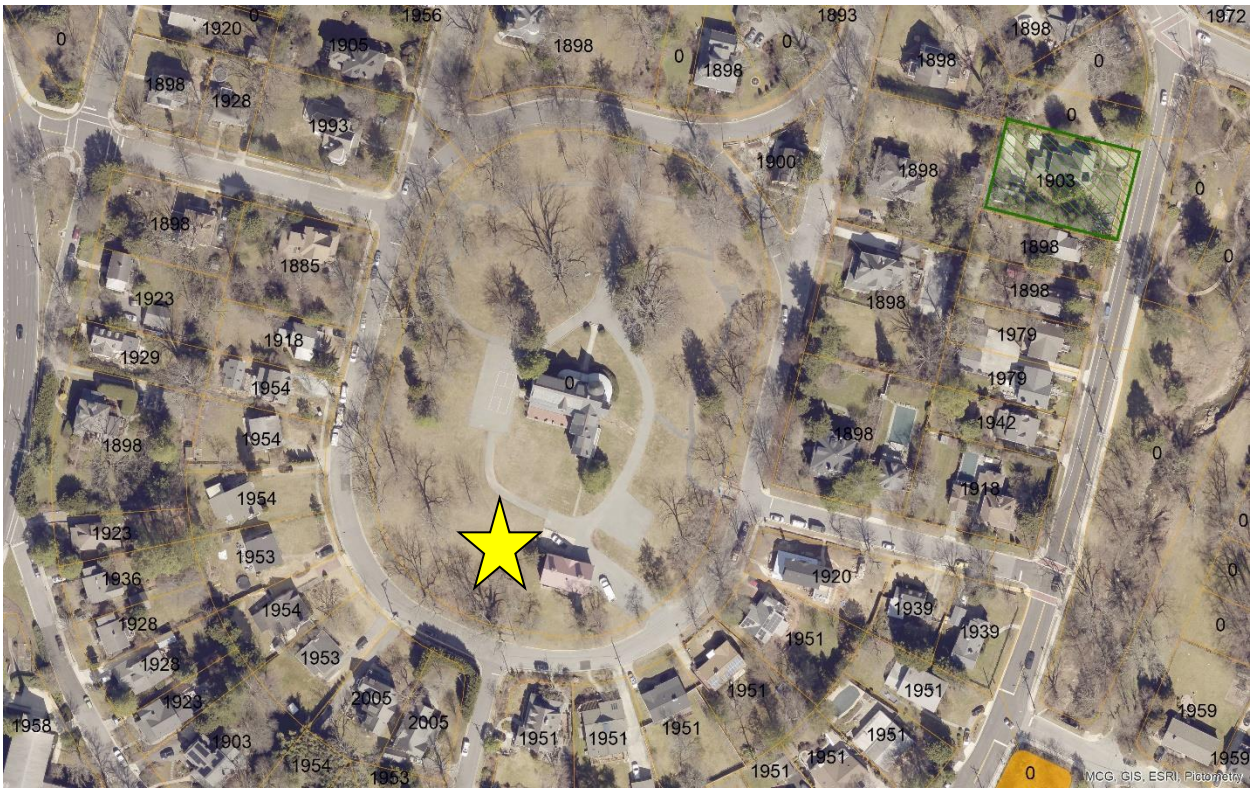


Figure 1: The Carriage House is located in the soth end of Manor Circle (Image taken 2021).

BACKGROUND

On June 14, 2023, the HPC approved a HAWP, with eight conditions recommended by Staff, for a complete rehabilitation of the subject property, converting the mansion house and carriage house into multi-family housing.[1]

On January 10, 2024, the HPC approved a revision to the previously approved HAWP with eight conditions. The submitted materials satisfied two of the original conditions. Detailed specifications for the conditions were submitted to Staff, which found the materials to be compatible with the character of the house and surrounding district.

On October 22, 2025, the HPC approved a second revision to the HAWP for standing seam metal roofs on the mansion house, a code-compliant balcony at the carriage house, and corrections to the permitting drawings.

On January 7, 2026, the HPC approved a third HAWP revision for the treatment of the carriage house foundation and to alter two carriage house window openings.

PROPOSAL

The applicant proposes to alter the location of some of the HVAC condenser units and to replace several windows.

APPLICABLE GUIDELINES

Kensington Historic District Guidelines

When reviewing alterations and new construction within the Kensington Historic District several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the *Approved & Adopted Amendment to the Master Plan for Historic Preservation: Kensington Historic District, Atlas #31/6* (*Amendment*), *Vision of Kensington: A Long-Range Preservation Plan* (*Vision*), *Montgomery County Code Chapter 24A* (*Chapter 24A*), and the *Secretary of the Interior's Standards for Rehabilitation (Standards).* The pertinent information in these documents is outlined below.

Vision of Kensington: A Long-Range Preservation Plan

The HPC formally adopted the planning study, *Vision of Kensington: A Long-Range Preservation Plan*, and is directed by the Executive Regulations, which were approved by the County Council, to use this plan when considering changes and alterations to the Kensington Historic District. The goal of this preservation plan "was to establish a sound database of information from, which to produce a document that would serve the HPC, M-NCPPC, their staff and the community in wrestling with the protection of historic districts amidst the pressures of life in the 21st century." (page 1). The plan provides a specific physical description of the district as it is; an analysis of character-defining features of the district; a discussion of the challenges facing the district; and a discussion of proposed strategies for maintaining the character of the district while allowing for appropriate growth and change.

[1] The Staff Report and application for the June 14, 2023 HAWP approval is available here: https://montgomeryplanning.org/wp-content/uploads/2023/06/I.H-10212-Montgomery-Avenue-Kensington-1032588.pdf. The recording of the hearing is available here: https://mncppc.granicus.com/MediaPlayer.php?publish_id=62a1cf30-0c7c-11ee-95dd-0050569183fa and begins at approximately 47:00.

Montgomery County Code; Chapter 24A-8

(b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to ensure conformity with the purposes and requirements of this chapter, if it finds that:
  (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
  (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
  (3) The proposal would enhance or ain in the protection, preservation, and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archaeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or
  (4) The proposal is necessary in order that unstate conditions or health hazards be remedied; or
  (6) In balancing the interests of the public in preserving the historic site or historic resource located within an historic district, with the interest of the public from the use and benefit of the alternative proposal, the general public welfare is better served by granting the permit.

(d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

Secretary of the Interior's Standards for Rehabilitation:

2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
5. Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.
6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.
9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

STAFF DISCUSSION

The subject property is generally known as the Warner Manor (or Warner Mansion) and historically served as Brainard Warner's, the developer of Kensington's, summer house. The house, an ornate Queen Anne house with an L-shaped plan and a large tower, is sited in the middle of Warner Circle Park. The grade drops away from the house to the east, south, and west. Several years after the house was constructed, a carriage house was built to the south of the manor. The applicant has HPC approval for a full site rehabilitation, including rehabilitating and constructing an addition to the historic manor house,

rehabilitating the carriage house, and other site work and hardscaping for the property's new use.

To address two additional issues that have arisen during construction, the applicant proposes to relocate some of the HVAC condenser units from approved window wells to a space adjacent to the historic house. The second proposed change is the replacement of three historic wood windows to satisfy code requirements.

HVAC Outdoor Unit Relocation

Approved HAWP located several of the outdoor HVAC units within window wells. The applicant, in consultation with the project engineer, determined that the window wells do not provide the necessary clearance and air circulation to operate properly. The applicant proposes to relocate these units (see Fig. 2, below) from the window wells to an area immediately in front of the historic house. The units are low enough that they will only obscure the stone foundation and will not cover any of the wood siding. Additionally, the applicant proposes to plant shrubbery to limit the visibility of the units. Staff notes that while the additional shrubbery is appreciated, the HPC is charged to evaluate a proposal in the absence of vegetation.

Figure 2: Two of the relocated HVAC units are on the north elevation (left) and one is on the east elevation (right).

Staff finds that it is unfortunate that these units lack the required air circulation to operate effectively in the window wells, but finds that the three units are unlikely to have a substantial impact on the character of the mansion. The small profile of the high efficiency units selected for the project will not visually compete with the large scale of the mansion house. Additionally, Staff finds that HVAC units are a common feature in a residential setting and the best course of action is to minimize their visual impact, as it is generally impossible to completely eliminate their visibility. Staff recommends the HPC approve the relocation of the three HVAC units under 24A-8(b)(2) and (d) and *Standard #2*.

Window Removal

The original HAWP approval included the restoration of eight front-facing windows on the first floor of the original mansion. Revisions to the interior plan have changed one of these spaces to a bedroom, which has to satisfy life-safety egress requirements, which the historic windows do not. The applicant proposes to remove these three windows and replace them with new wood windows that will satisfy code while matching the dimensions and profiles. Replacement windows will match the details of the approved wood replacement windows installed in the mansion house's other historic window openings. To mitigate the loss of these three windows, the applicant proposes to restore and reinstall two

historic doors that had been previously approved for removal.

Figure 3: The three windows proposed for removal are located in the northeast corner of the house (shown in green).

Staff finds the loss of the historic windows is unfortuante, but that the revision is required to satisfy life-safety requirements, a justification considered under 24A-8(b)(4). Staff finds restoring the two doors as mitigation is generally appropriate, but welcomes any other recommended measures from the commissioners. When evaulated in its totality, Staff still finds the overall project is consistent with the requirements of 24A, the *Standards*, and the *Vision*.

STAFF RECOMMENDATION

Staff recommends that the Historic Preservation Commission (HPC) **approve** the HAWP application;

under the Criteria for Issuance in Chapter 24A-8(b)(2), (4), and (d) having found that the proposal will not substantially alter the exterior features of the historic resource and is compatible in character with the Kensington Historic District and the purposes of Chapter 24A;

and with the *Secretary of the Interior's Standards for Rehabilitation #2*;

and with the general condition that the applicant shall present an electronic set of drawings, if applicable, to Historic Preservation Commission (HPC) staff for review and stamping prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP application at Staff's discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make any alterations to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 or dan.bruechert@montgomeryplanning.org to schedule a follow-up site visit.

10212 Montgomery Ave., Kensington – HAWP Revision – April 8, 2026

1) HVAC Outdoor Units

Our original plan was to locate several outdoor HVAC units within existing window wells. However, after further coordination with the manufacturer and project engineer, we determined that the proposed locations do not meet the required clearance and line-set run specifications.

As a result, we are proposing an alternate location with a shallow inset to accommodate the outdoor units. The units will be positioned so they do not obstruct the historic band trim that runs along the first floor of the Mansion. Additionally, we propose installing shrubbery in front of the units to screen them from public view and minimize visual impact.

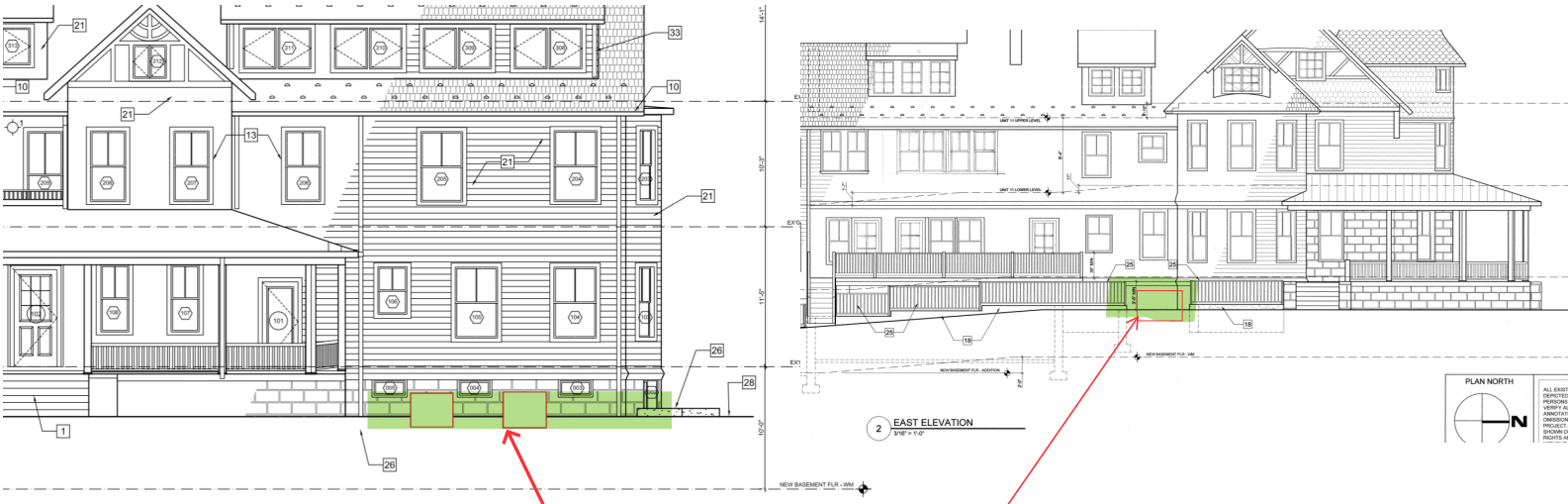
Please refer to the attached sketch for the proposed location and section details.

2) Window Restoration Revision

Per the original staff report, eight front-facing windows were to be restored. Upon further review, we have determined that three of these windows serve a bedroom and must meet current life-safety egress requirements. As such, these three windows will need to be replaced rather than restored.

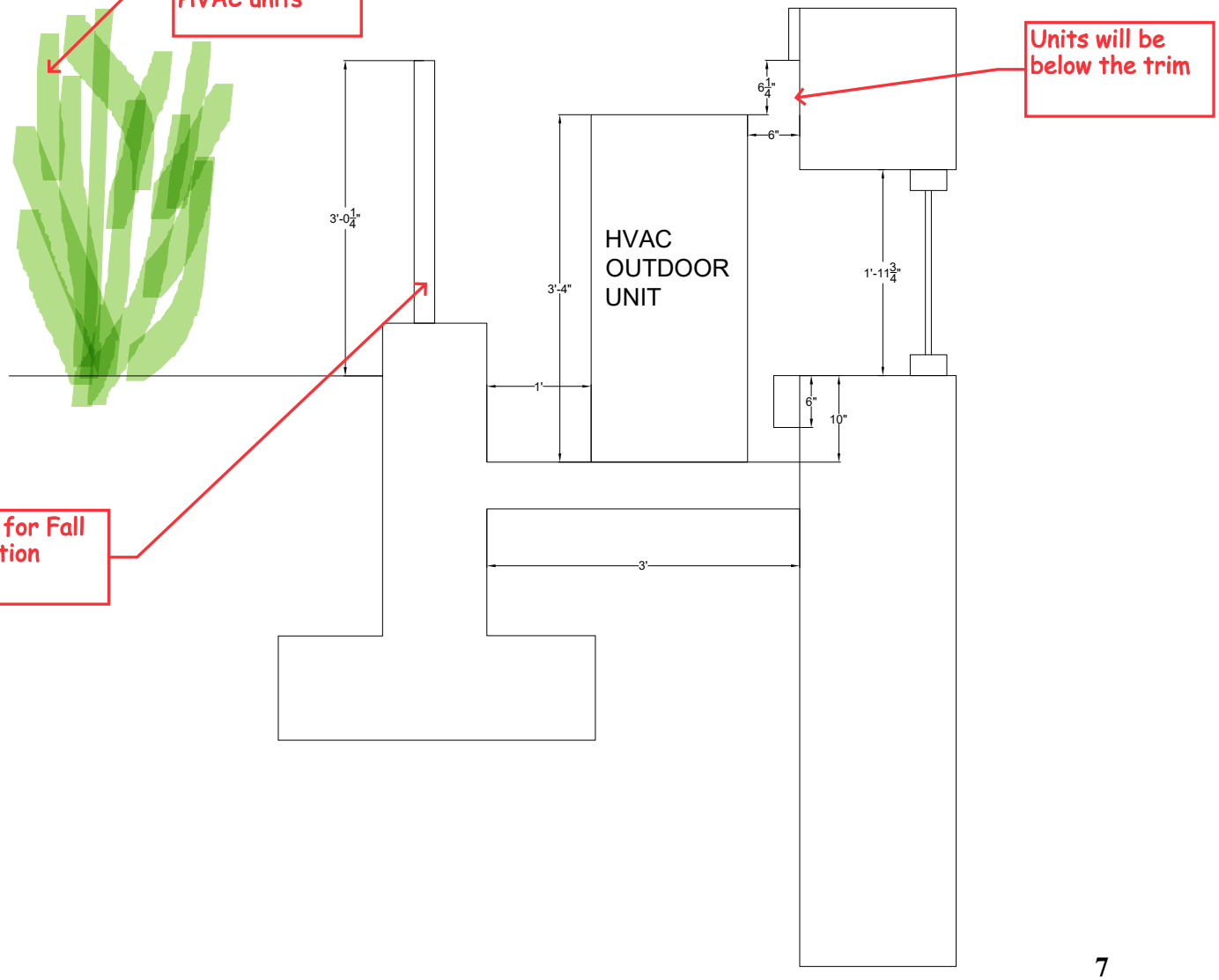
We propose installing new wood windows consistent with the previously approved window specifications for the main building. To offset the reduction in restored windows, we propose restoring and reinstalling two front doors at the Mansion.

The attached sketch identifies the windows proposed for replacement, as well as the doors proposed for restoration.



HVAC outdoor units.

Shrubs to cover the exposed HVAC units



Units will be below the trim

Railing for Fall protection

NORTH ELEVATION

EAST ELEVATION

Windows being replaced with wood windows

Original windows and doors being restored

Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Brainard Warner, the founder of Kensington and prominent Washington area figure built the home (Warner Circle Mansion) in 1893. The property is a primary resource in the Kensington Historical District. Listed on the Montgomery County master plan for historical preservation and listed on the National Registry of Historical Places. It currently serves as a de-facto park for Kensington residence and other visitors.

The Warner Circle Mansion site sits on 4.4 acres of Montgomery County Park land in the heart of Kensington Maryland. The property includes a queen anne style mansion from1890 and a carriage house from 1914. The mansion has yellow cedar siding, red and black trim, many different window styles and a grand front wrap around front porch. The mansion roof is made of slate tiles with deeply pitched roof lines, irregular shapes, several gables and a promident front 3 story turret. The carriage house had a red metal roof with two cupola's and the siding is yellow board and batten.

Description of Work Proposed: Please give an overview of the work to be undertaken:

Warner Circle Mansion (WCM) was built for residential use, then converted to a nursing home. Circling around the Warner Circle Mansion is coming back to residential use again. Warner Circle Mansion Condominiums LLC plans to build 15 condo units between the WCM, Carriage House and addition to the WCM. In order to start this project, a demo of the current interior layout walls will need to be performed. All this work will conform to the Secretary of the Interior's Standards for the Treatment of Historical Properties. Details of the the work being performed are included in the attached supplemental application

Work Item 1: Electrical

Description of Current Condition:	Proposed Work:
In the Mansion and Carriage House, all electrical fixtures, wiring, and services are not salvageable and not up to code. No fixtures have been characterized as historical	All existing electrical fixtures, wiring, and services will be removed. A few circuits will stay active for construction use as needed in the buildings.

Work Item 2: Interior Service HVAC

Description of Current Condition:	Proposed Work:
In the Mansion and Carriage House, heat was originally provided via steam/boiler fed radiator throughout the building. Sometime in the 1950's (?) a forced air system was installed in the Mansion.	All steam/boiler pipe, ductwork, and equipment will be removed.

Work Item 3: Plumbing

Description of Current Condition:	Proposed Work:
In the Mansion and Carriage House, all existing plumbing (supply & waste), fire suppression and venting is not salvageable.	All existing plumbing (supply and waste), fire suppression, and venting will be removed. A wash sink will be temporary installed in the old the nursing home kitchen. This sink will be for construction use and worker safety.

Work Item: 4 Wood flooring	
Description of Current Condition:	Proposed Work:
IIn the Mansion and Carriage House, the existing wood floors are very poor condition, of different materials and levels due to all the additions over the years. Some flooring is vinyl, plywood or hardwood. Some floors are have been contaminated with asbestos and are not salvageable. All wood flooring will be salvaged for re-use if good condition in other places of the Mansion.	All wood flooring will be removed. No flooring will be removed at the Historical Zone, front foyer. See exhibit A

Work Item: 5 Interior walls in Mansion/Carriage House	
Description of Current Condition:	Proposed Work:
In the Mansion and Carriage House, most all interior walls (not Mansion Museum) will be removed. All walls have plaster deteriorating and will need to be moved for new residential layouts.	Walls that have been identified to have lead base paint will be professionally removed. All containments will have the plaster and paint removed. All trim and moldings will be carefully removed, stored, and used later during final construction. See exhibit C & D.

Work Item: Build temporary constructon fence	
Description of Current Condition:	Proposed Work:
	Build temporary fence around Mansion and Carriage House. This fence will be for security while demo and future construction is going on. See exhibit E.

HISTORIC AREA WORK PERMIT
CHECKLIST OF
APPLICATION REQUIREMENTS

	Required Attachments						
Proposed Work	I. Written Description	2. Site Plan	3. Plans/ Elevations	4. Material Specifications	5. Photographs	6. Tree Survey	7. Property Owner Addresses
New Construction	*	*	*	*	*	*	*
Additions/ Alterations	*	*	*	*	*	*	*
Demolition	*	*	*		*		*
Deck/Porch	*	*	*	*	*	*	*
Fence/Wall	*	*	*	*	*	*	*
Driveway/ Parking Area	*	*		*	*	*	*
Grading/Excavation/Landscaing	*	*		*	*	*	*
Tree Removal	*	*		*	*	*	*
Siding/ Roof Changes	*	*	*	*	*		*
Window/ Door Changes	*	*	*	*	*		*
Masonry Repair/ Repoint	*	*	*	*	*		*
Signs	*	*	*	*	*		*

WARNER CIRCLE MANSION

Maryland Historical Trust
Change/ Alteration Request Application

December 15, 2023

Rebecca Ballo,
Easement Administrator
Maryland Historical Trust
100 Community Place
Crownsville, MD 21032

December 15, 2023

RE: Historic Area Work Permit Alteration of Existing Building Components Warner Circle Mansion and Carriage House.

Dear Rebecca and Team,

From our last submission, HAWP #1032588, we would like to further the process and submit this alteration plan for Warner Circle Mansion. With time being of the essence, this Change/Alteration Request Application will run parallel to our previous application. This is a straightforward request for a demo of known "work items" for any project of this nature. We hope that by the time we finish the demo, our original application will be approved.

The scope of work includes removal of non-historic fixtures, finishes, lighting fixtures, electrical wiring and conduit, mechanical ducts, sprinkler piping, water supply piping, and sanitary waste piping. The scope of work includes the removal of plaster and lath from the interior side of exterior walls and removal of non-historic, non-load-bearing interior partitions. It is proposed to remove and salvage all existing interior window trim for evaluation for re-use All salvaged historic material shall be properly labeled, covered, and protected within the open Carriage House second floor for review and evaluation.

Warner Circle Mansion was built for residential use and then converted to a nursing home Circling around the Warner Circle Mansion is coming back to residential use again Warner Circle Mansion Condominiums LLC plans to build 15 condo units among the WCM Carriage House in addition to the WCM To start this project a demo of the current interior layout walls needs to be performed and primarily to make the property safe and healthy. All work will conform to the Secretary of the Interior's Standards for the Treatment of Historic Properties.

The WCM foyer will receive the highest or most conservative approach by being restored to as close to its original appearance as can be documented and as is feasible with current building codes. We have included a photo of the foyer that will become the future museum we plan to uphold the photo by adding all finishes as accurately as possible. Refer to Exhibit E

Nothing on the above-grade exterior of the Mansion or Carriage House will be touched during this phase. As you will see, the need to remove the interior walls that have plaster and lath is needed to expose the framing of the building to assess the new structural plan.

The accompanying scope of work description is organized as follows:

Exhibit 1: Photographs of the interior space keyed to the written descriptions
Exhibit 2: Floor Plans with photos keyed numbers.
Exhibit A: Lead and Plaster Removal Plan
Exhibit B: Alteration/Demolition Plan:
Exhibit C: Construction Fence Map with Trailer and Construction Entrance
Exhibit D: Asbestos Abatement Monitoring Report
Exhibit E: Asbestos and Lead Paint Survey/18/2012
Exhibit F: Photograph of Historic Foyer (Future Museum):

The following enumerated items correspond to the Change/ Alteration Request Application:

1. Work Item- Electrical Removal: All electrical fixtures, wiring and services are unsalvageable, No fixtures have been characterized as historical. All wire, fixtures and electrical services will be removed. Temporary power has been installed in the building. The new temporary service will be retained and utilized for building construction. (Refer to Exhibit 1&2)

2. Work Item- HVAC Removal: Heat was originally provided via steam fed radiators that line the outside walls of the Mansion and Carriage House. Around the 1950's a forced air system with concealed duct work was added to the Mansion only. All radiators throughout the Mansion will be removed. All boilers and forced air systems will be removed. (Refer to Exhibit 1&2)

3. Work Item- Plumbing Removal: All existing water, waste, venting and fire suppression piping are unsalvageable and will be removed. (Refer to Exhibit 1&2)

4. Work Item- Wood Flooring: The majority of the floors in the building are uneven and off-level. The hardwood flooring will be removed during construction and will be preserved for evaluation. The flooring is characteristic of the building and will be reused for varying purposes in building finishes. The subfloor will be replaced with new ¾ plywood and reattached loosely. Openings will be created in the flooring at locations marked for future staircases. Wood joists will be supported with 2x4 walls for temporary support. A qualified engineer will examine the floor joists and level, and corrective measures, leveling, and code compliance will be performed as part of the main building permit based on the engineers' evaluation. (Refer to Exhibit B)

5. Work Item- Interior walls in Mansion/Carriage: Most of the interior walls and ceiling of the Mansion are constructed of wood studs, and wood floor joists with lath and plaster finishes. All plaster is unsalvageable. We proposed to remove lath and plaster from the interior walls. The interior walls will be completely removed. Lead-based paint has been detected in several walls and trim(refer to Exhibit D&E) and will be removed via a professional lead abatement subcontractor. Non-structural and non-historical walls will be removed once the plaster and lath have been removed. Refer to Exhibits A &B.

6. Work Item- Safety fence and construction entrance: A construction fence will be encircled around the east side of the property with two gates for entry and exit. The trash dumpster for the project will be located within the fence. Refer to Exhibit C

7. Work Item- Save all moldings and trim: Wood base trim, window trim, and casing are present throughout and are in good to poor condition. Wood trim in good condition shall be salvaged from walls scheduled for demolition and stored on-site. Any trim and casings that can be reused will be used during the reconstruction period.

Thank you for considering this application.

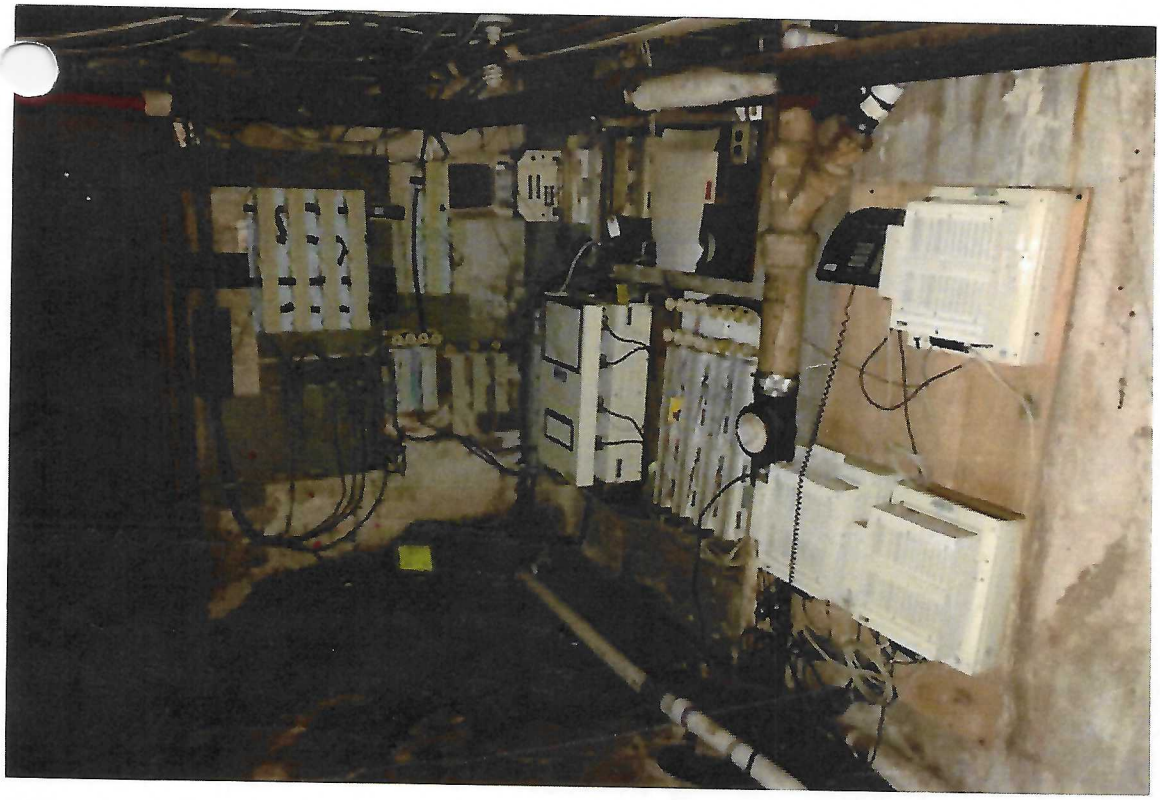
Yours sincerely

Karl A. Voglmayr
CC: Bill Morris
Samantha Shron

INDEX

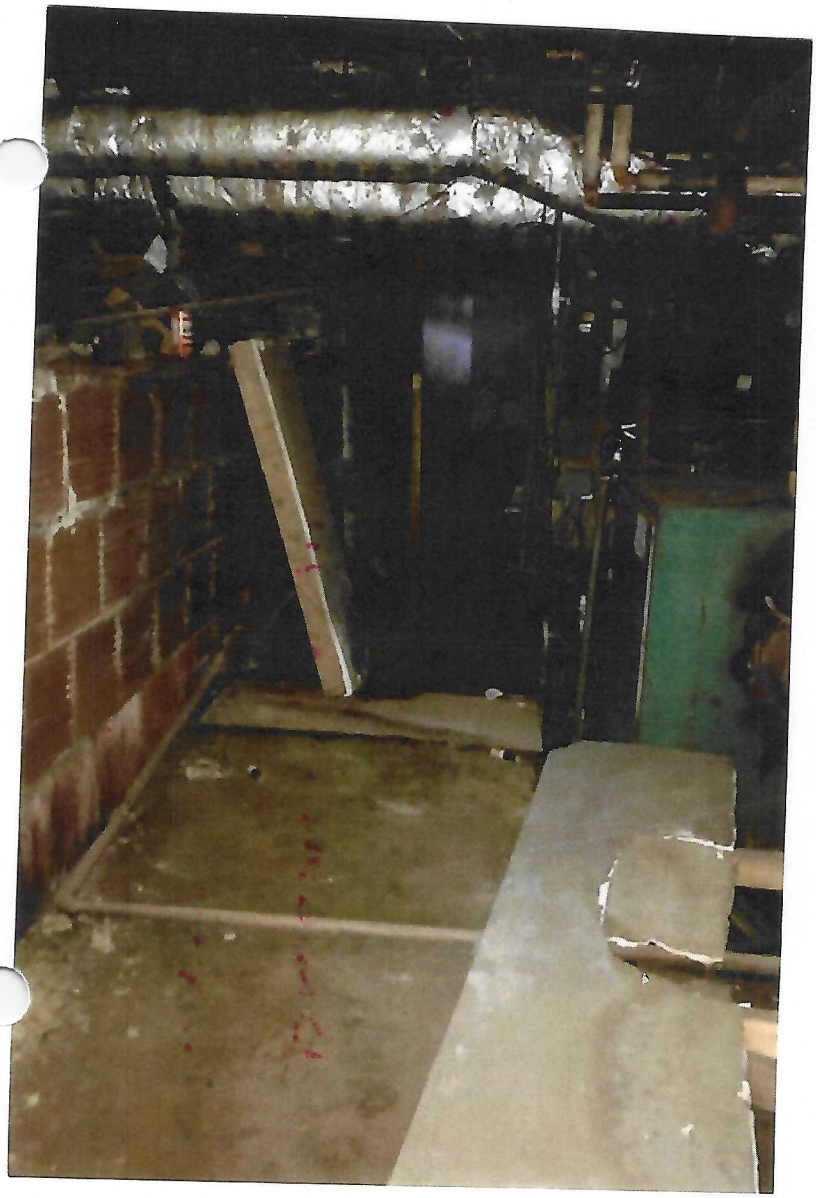
EXHIBIT 1

Pictures of the Interior of the Mansion



234

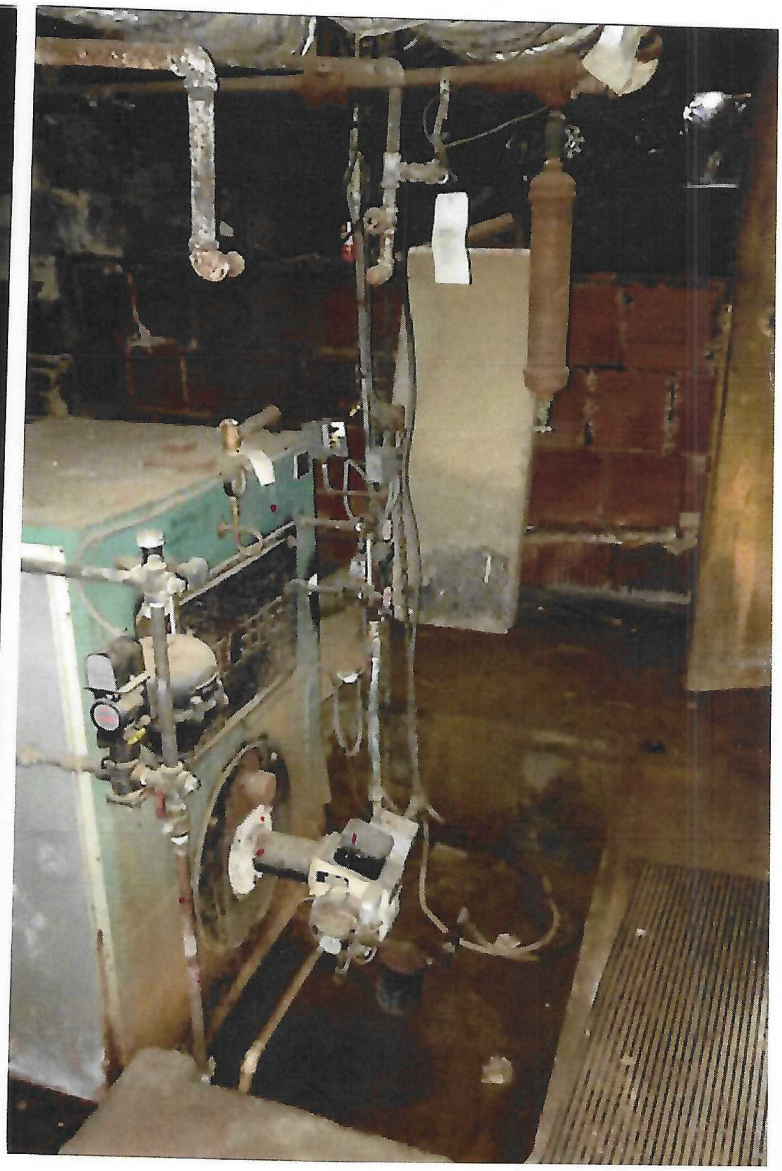
208



223

201

219



220

400

407

416

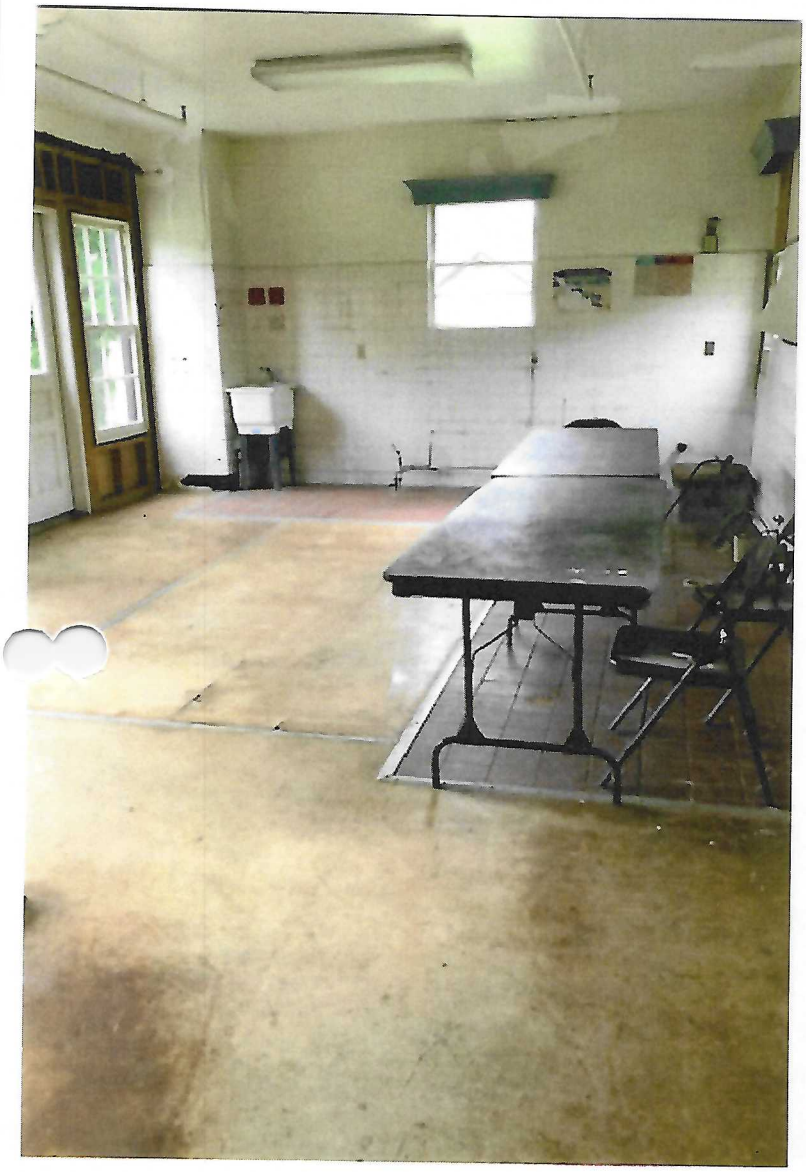
533

539

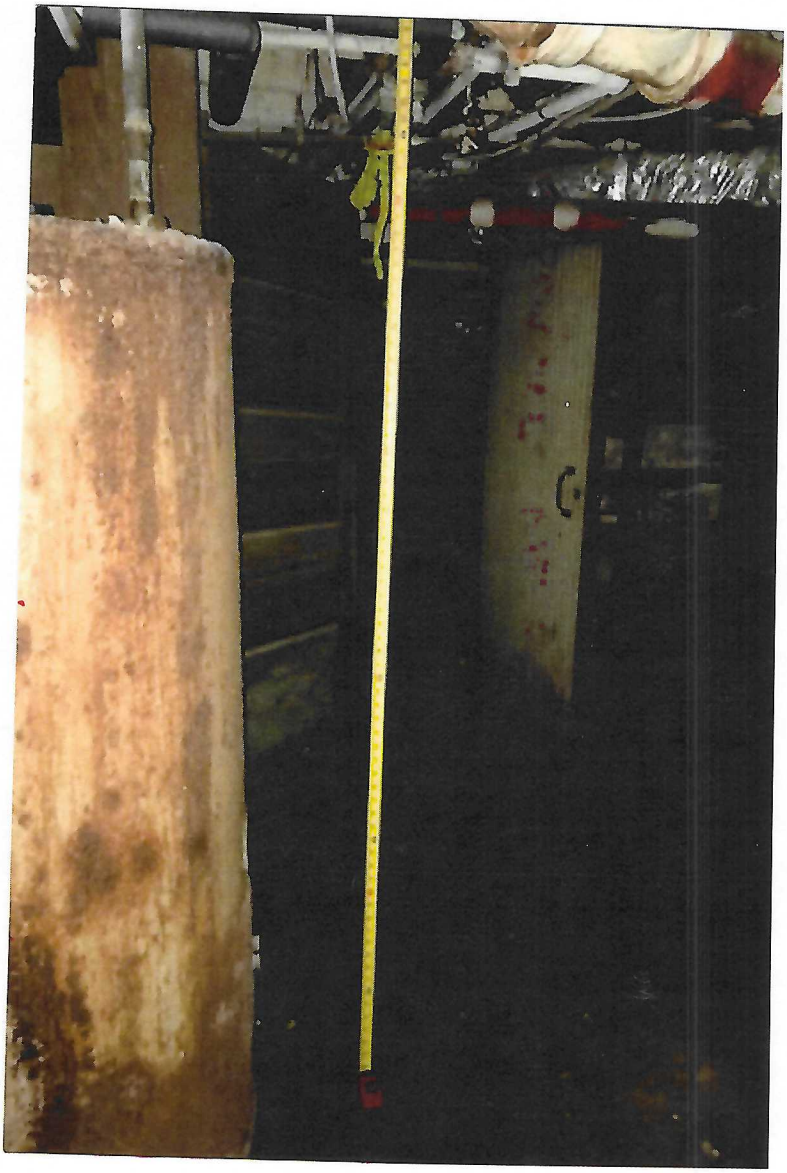
542

552

557



587

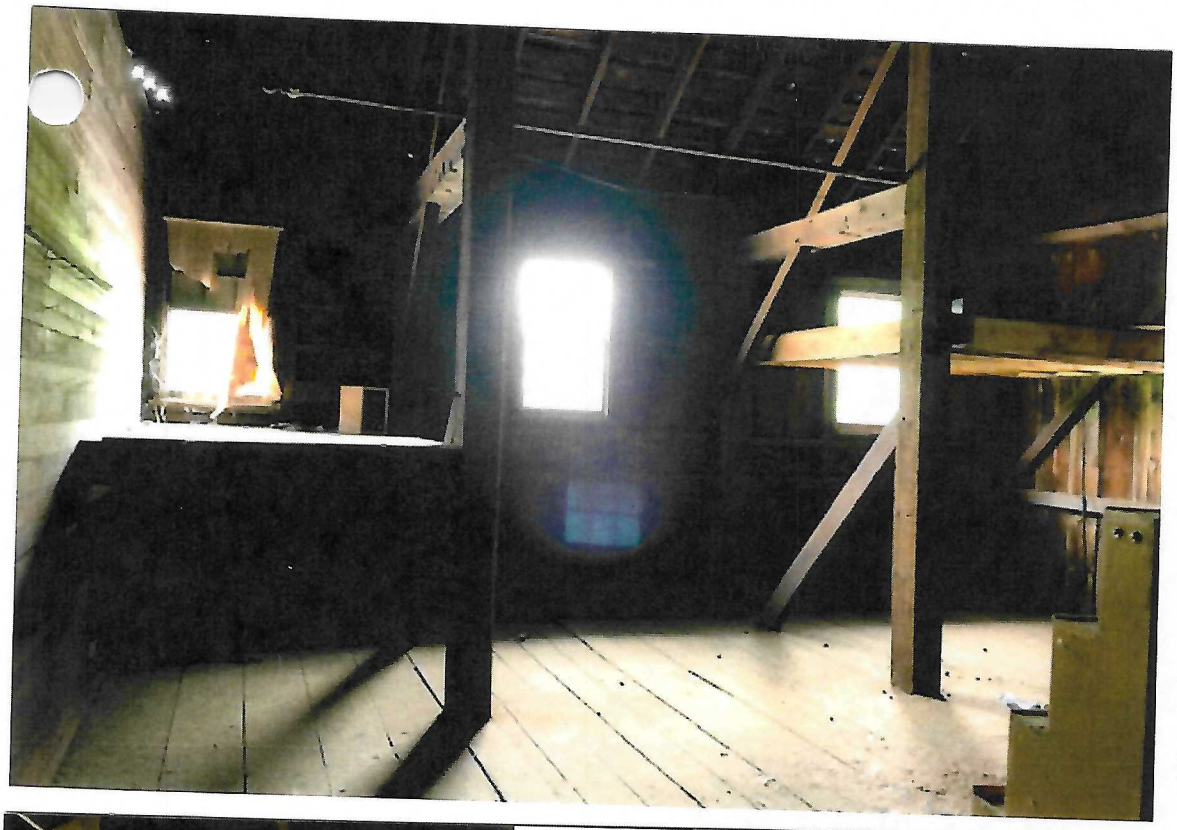


203

7'

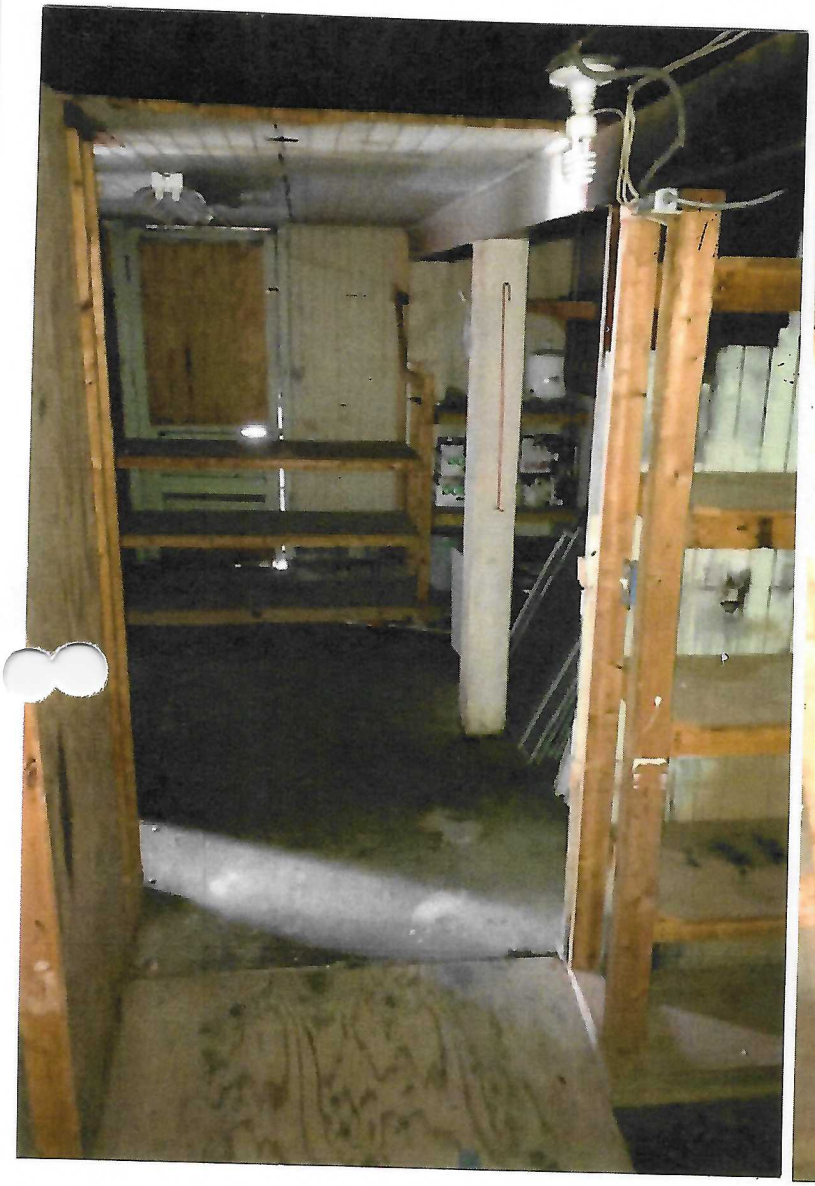
207
8'

240
6'

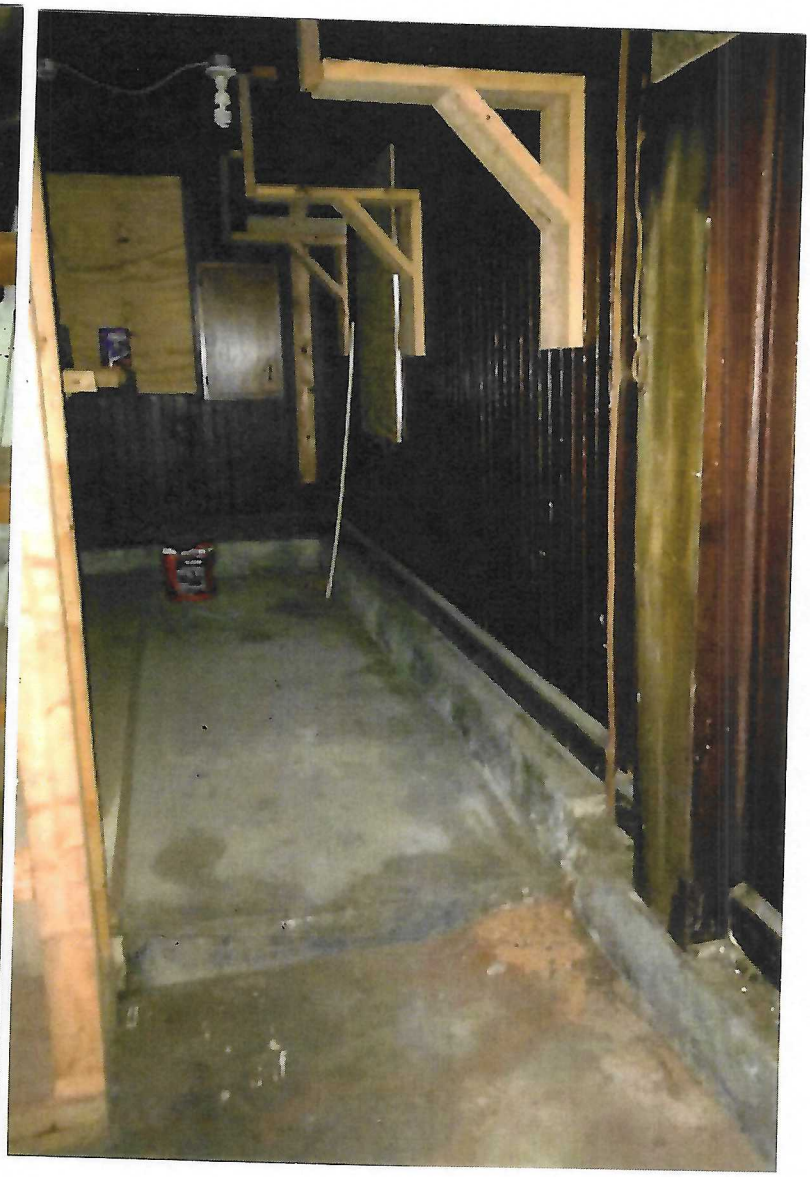


618

620



606



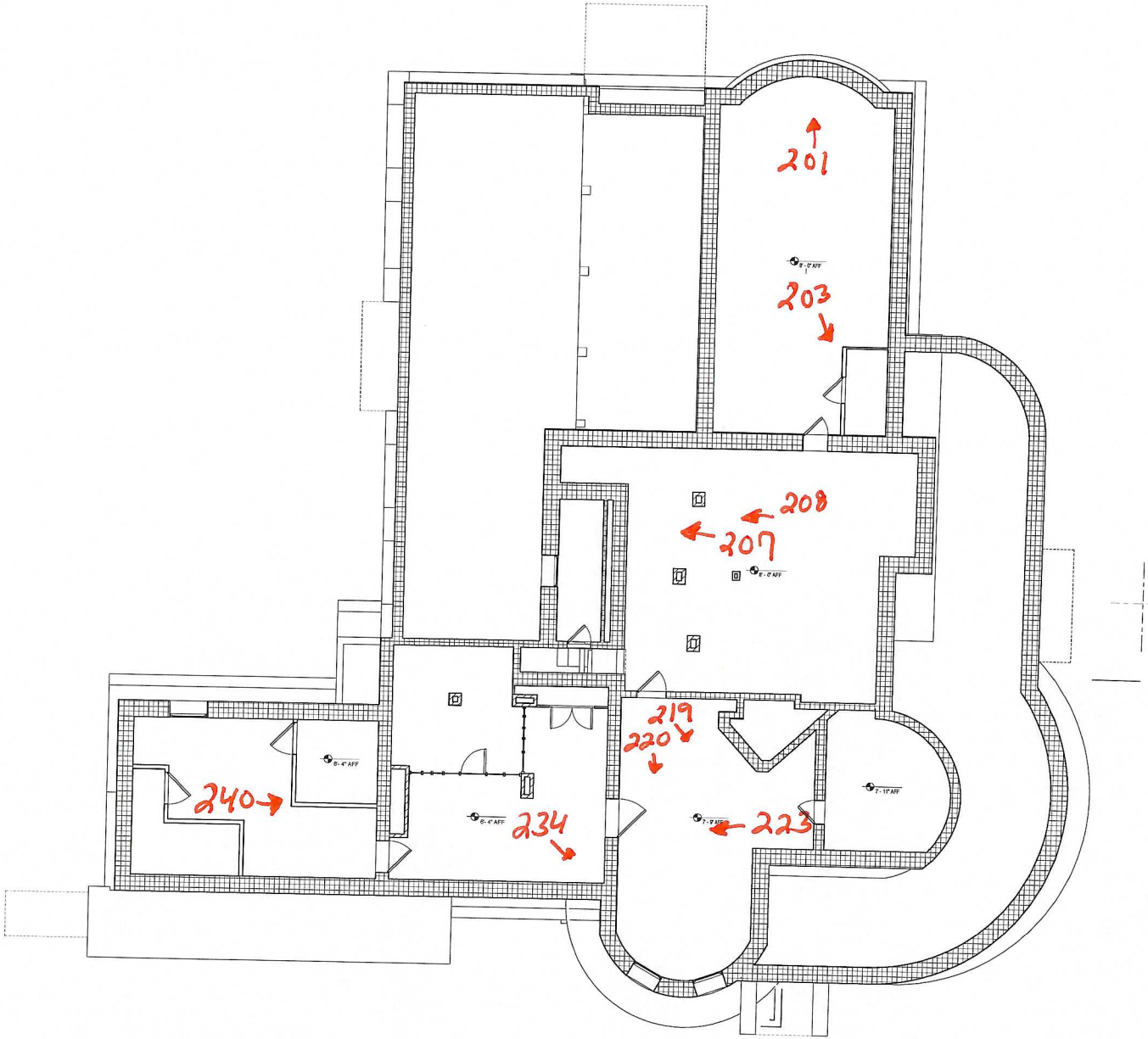
607

624

642

EXHIBIT 2

Floor Plans with photos keyed numbers



1 Basement Floor RCP
1/4" = 1'-0"

OWNER

ARCHITECT OF RECORD

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT INFORMATION

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION

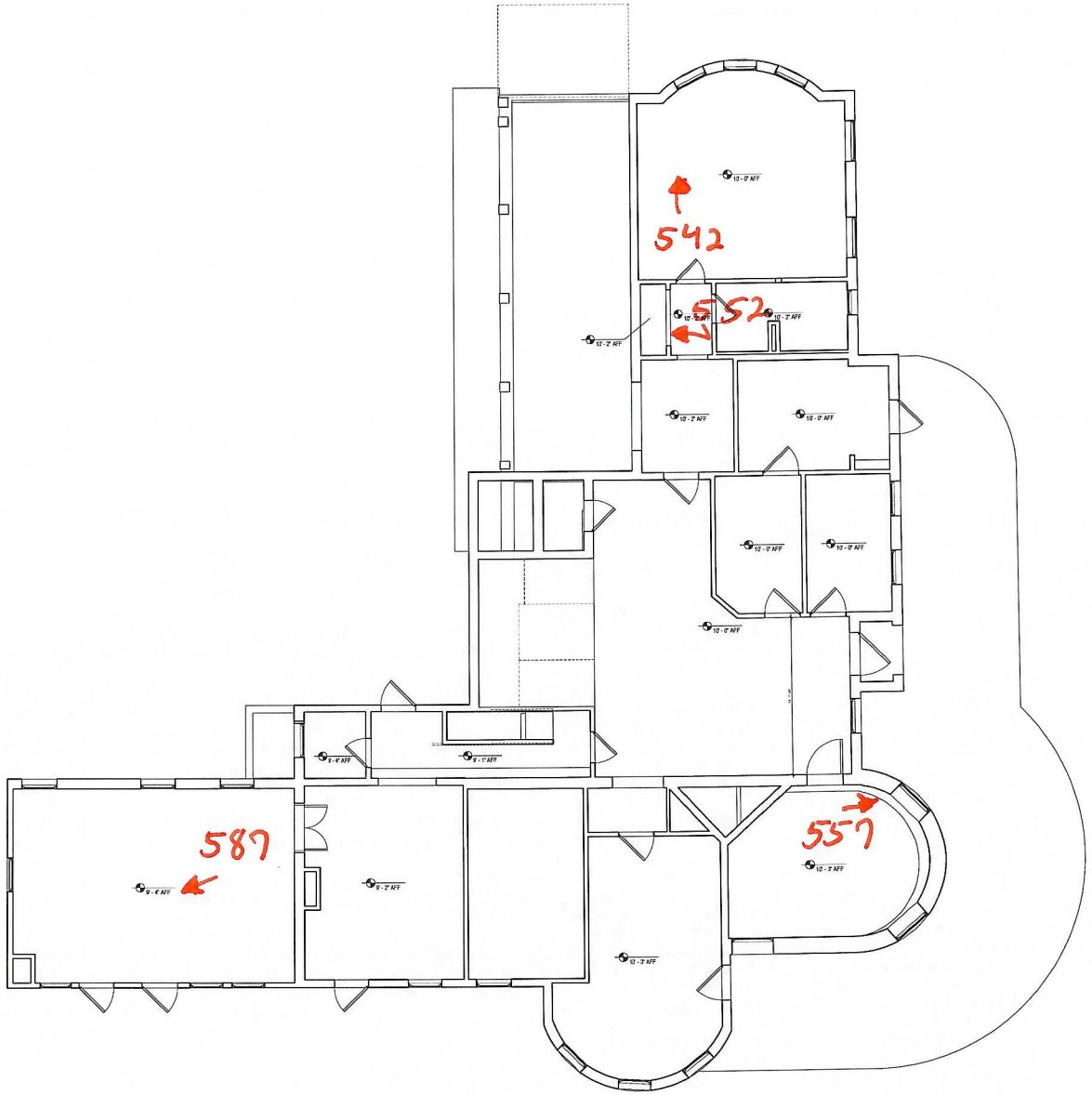
Basement Floor RCP

DATE	05/05/2022
SCALE	1/4" = 1'-0"
PROJECT NO	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC

A200



1 First Floor RCP
1/4" = 1'-0"

OWNER

ARCHITECT OF RECORD

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.6533 tel
667.205.1347 fax

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT INFORMATION

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION

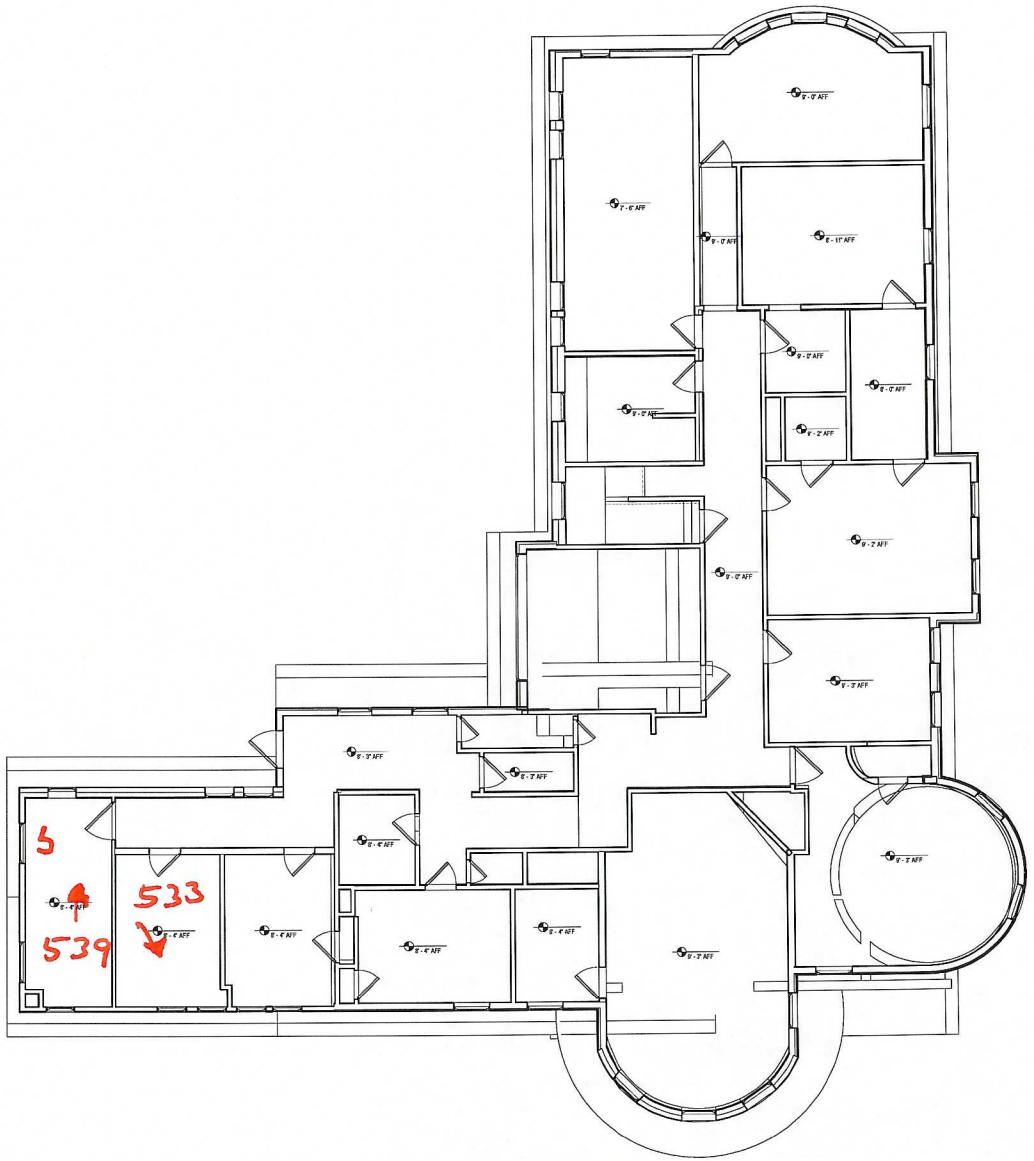
First Floor RCP

DATE	05/05/2022
SCALE	1/4" = 1'-0"
PROJECT NO	TBD

I Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC

A201



1 Second Floor RCP
1/4" = 1'-0"

OWNER

ARCHITECT OF RECORD

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443 955 5533 tel
667.205 1347 fax

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT INFORMATION

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION

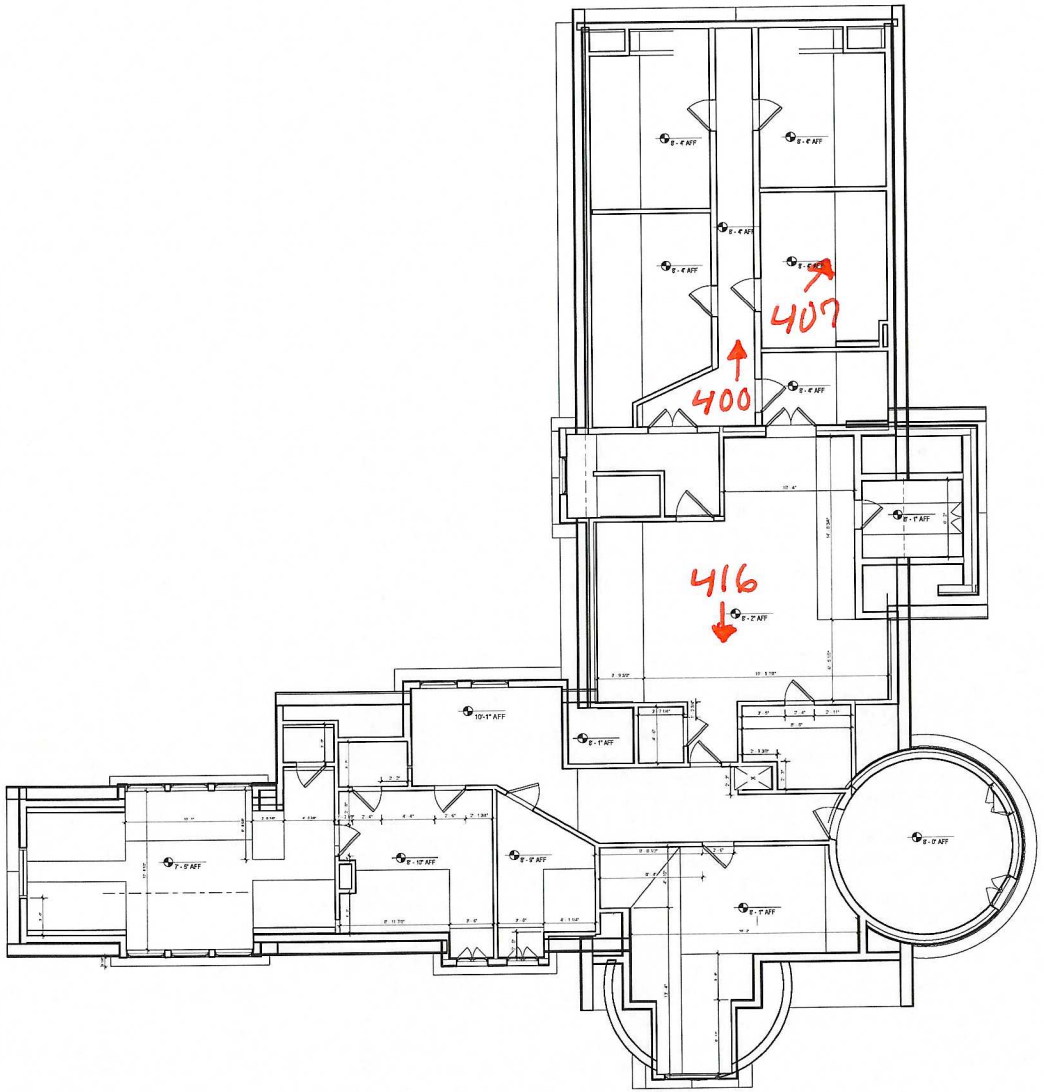
Second Floor RCP

DATE	05/05/2022
SCALE	1/4" = 1'-0"
PROJECT NO	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC

A202



1 Third Floor RCP
1/4" = 1'-0"

OWNER

ARCHITECT OF RECORD

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443 955 5533 tel
667 205 1347 fax

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT INFORMATION

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION

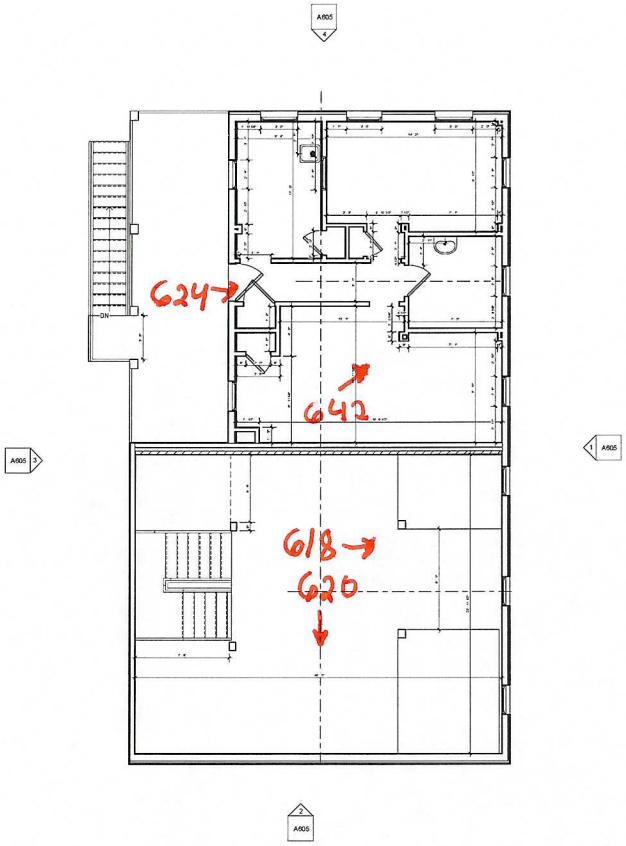
Third Floor RCP

DATE	05/05/2022
SCALE	1/4" = 1'-0"
PROJECT NO	TBD

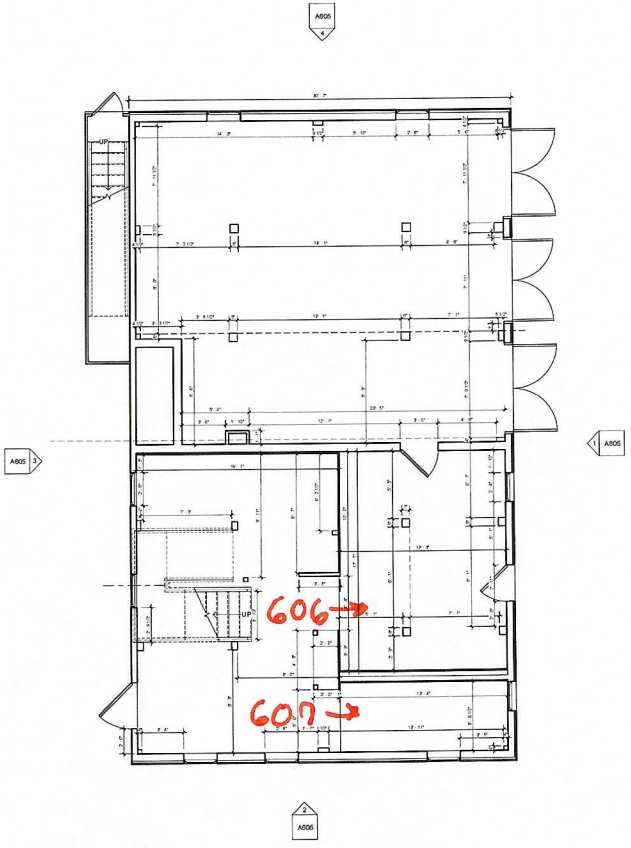
I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC

A203



② Second Floor Plan
1/4" = 1'-0"



① First Floor Plan
1/4" = 1'-0"

OWNER

ARCHITECT OF RECORD

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER

MEP ENGINEER

PROJECT INFORMATION

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION

Carriage House Plans

DATE	05/05/2022
SCALE	1/4" = 1'-0"
PROJECT NO	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC

A105

EXHIBIT A

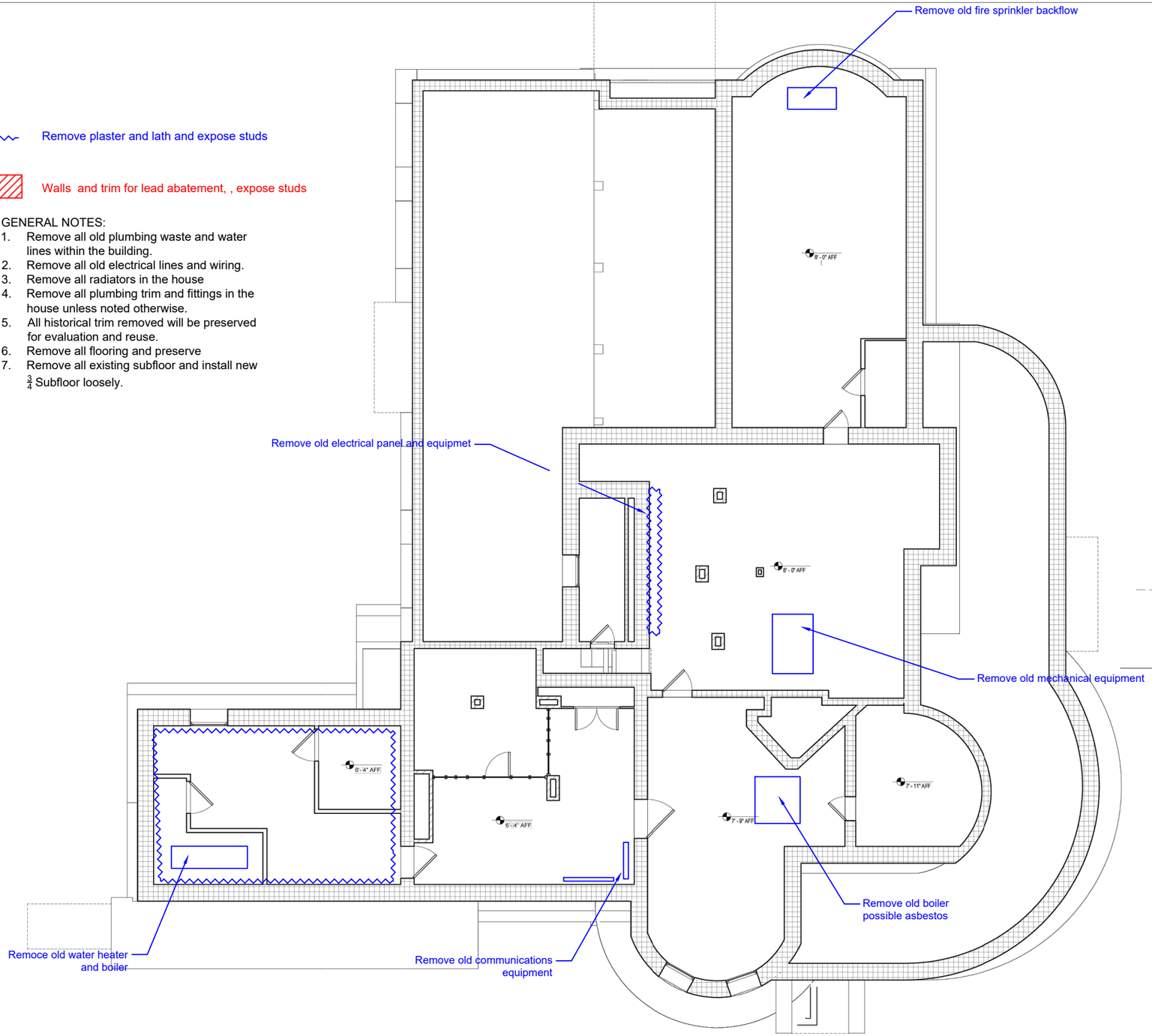
Lead and Plaster Removal Map

Remove plaster and lath and expose studs

Walls and trim for lead abatement, , expose studs

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 Basement Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Basement Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsover to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

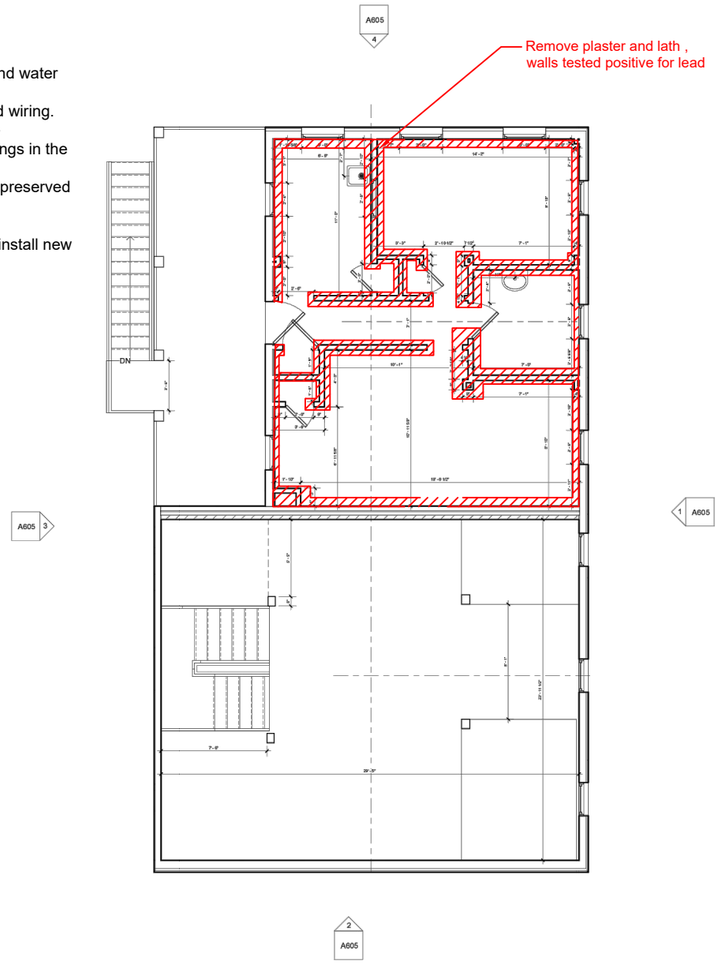
A200

Remove plaster and lath and expose studs

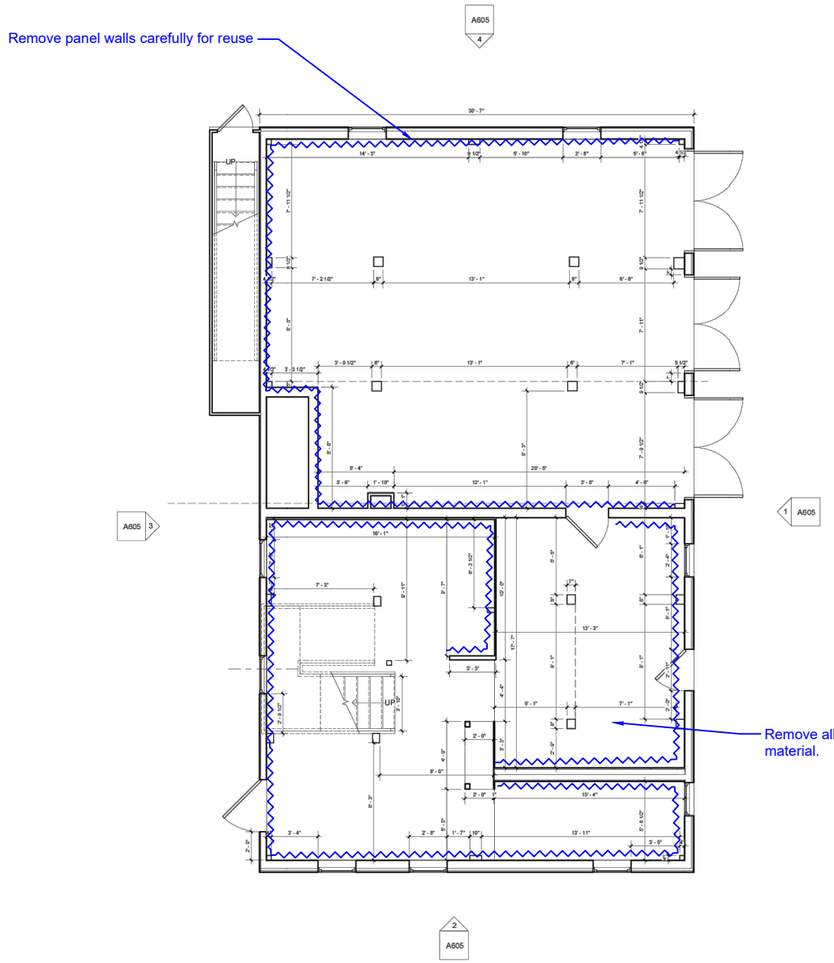
Walls and trim for lead abatement, , expose studs

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



2 Second Floor Plan
1/4" = 1'-0"



1 First Floor Plan
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Carriage House Plans

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsover to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

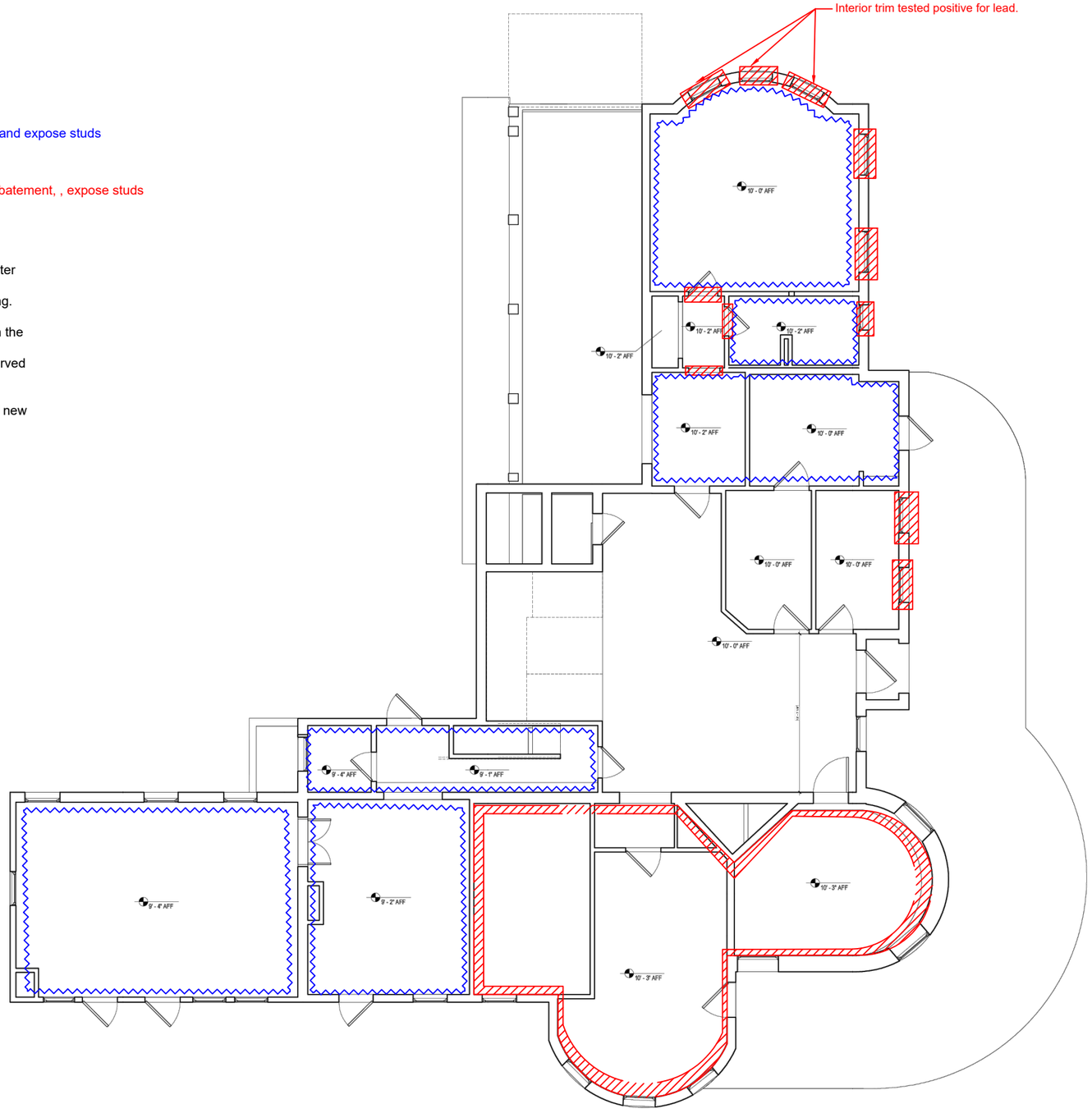
A105

Remove plaster and lath and expose studs

Walls and trim for lead abatement, , expose studs

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new ¾ Subfloor loosely.



1 First Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

First Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsover to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

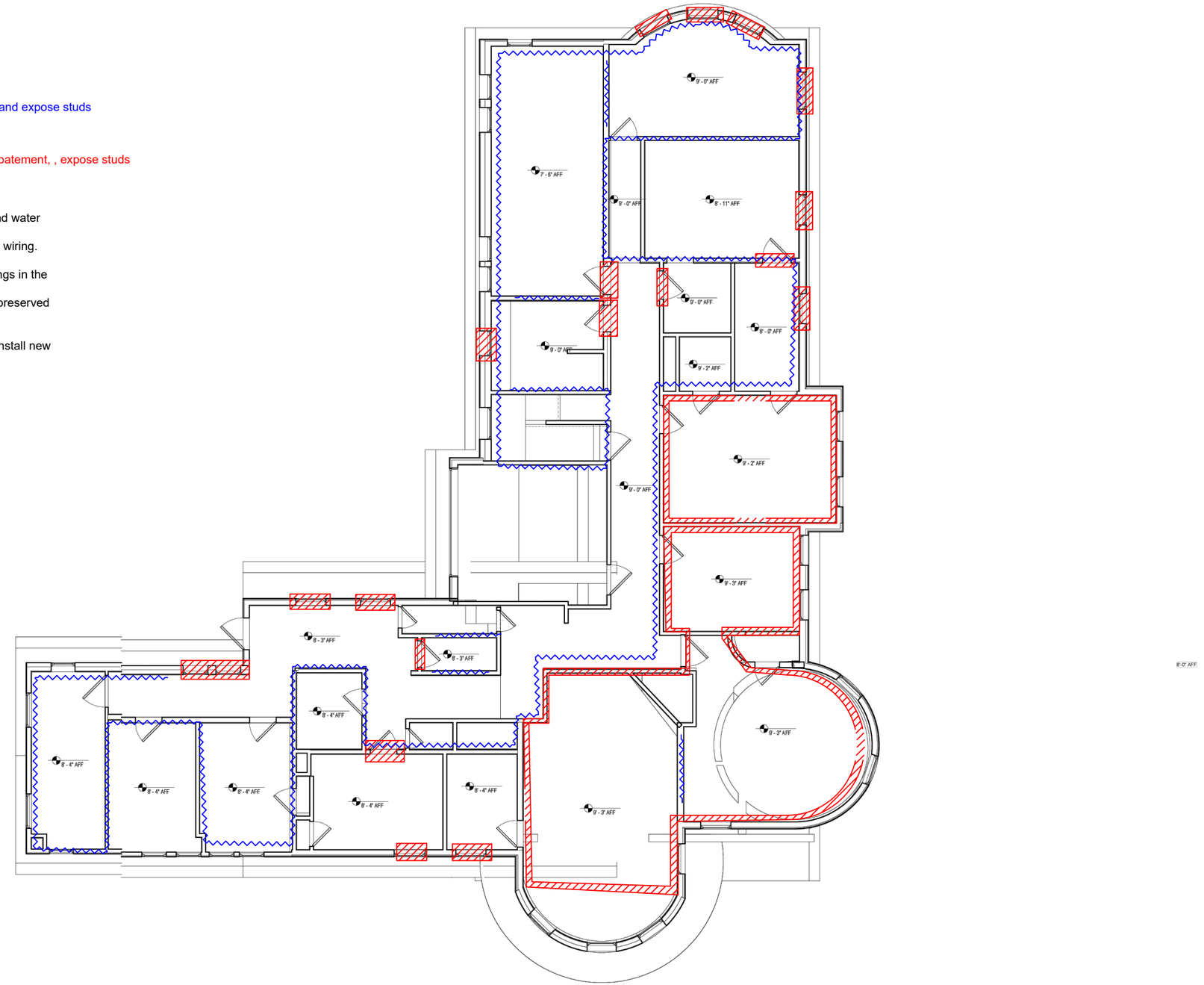
A201

Remove plaster and lath and expose studs

Walls and trim for lead abatement, , expose studs

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 Second Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Second Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

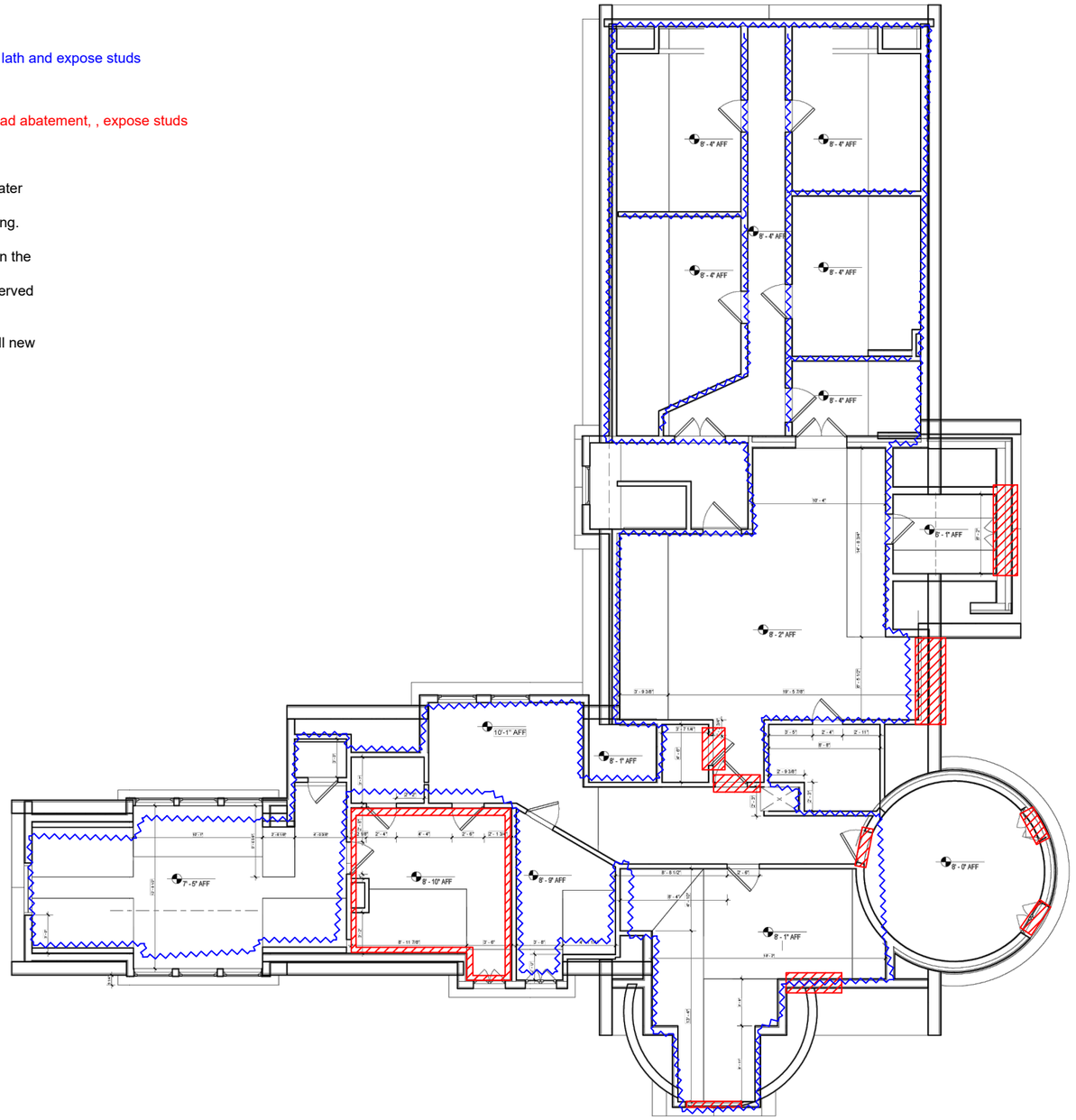
A202

Remove plaster and lath and expose studs

Walls and trim for lead abatement, , expose studs

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new ¾ Subfloor loosely.



1 Third Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Third Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A203 42

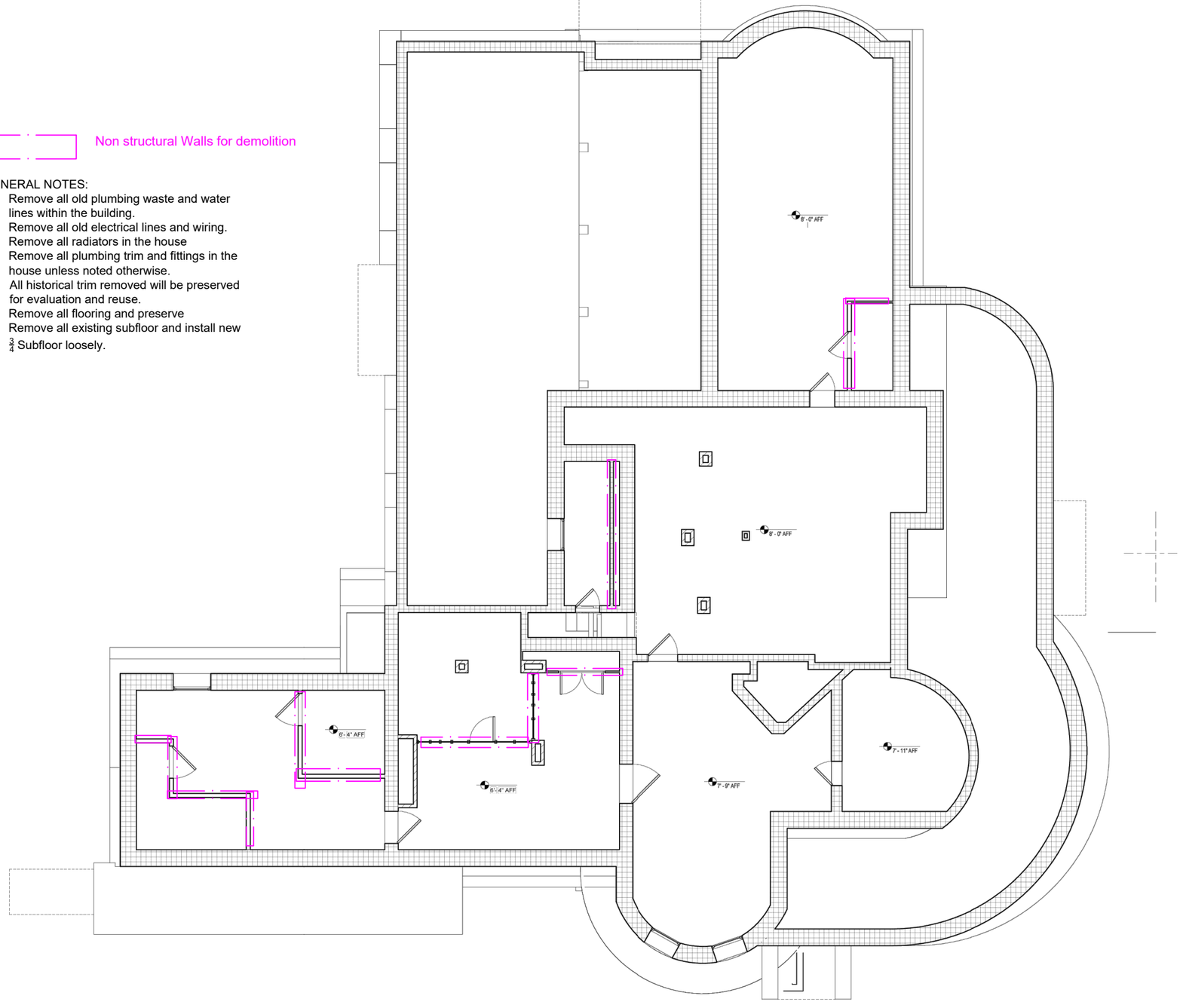
EXHIBIT B

Demolition Plan

Non structural Walls for demolition

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 Basement Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Basement Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

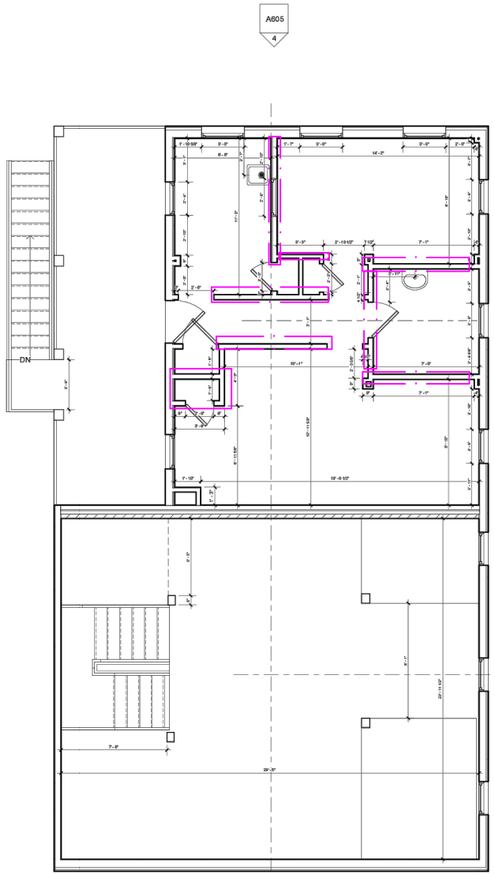
No documents herein shall be duplicated or modified in any form or whatsover to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A200

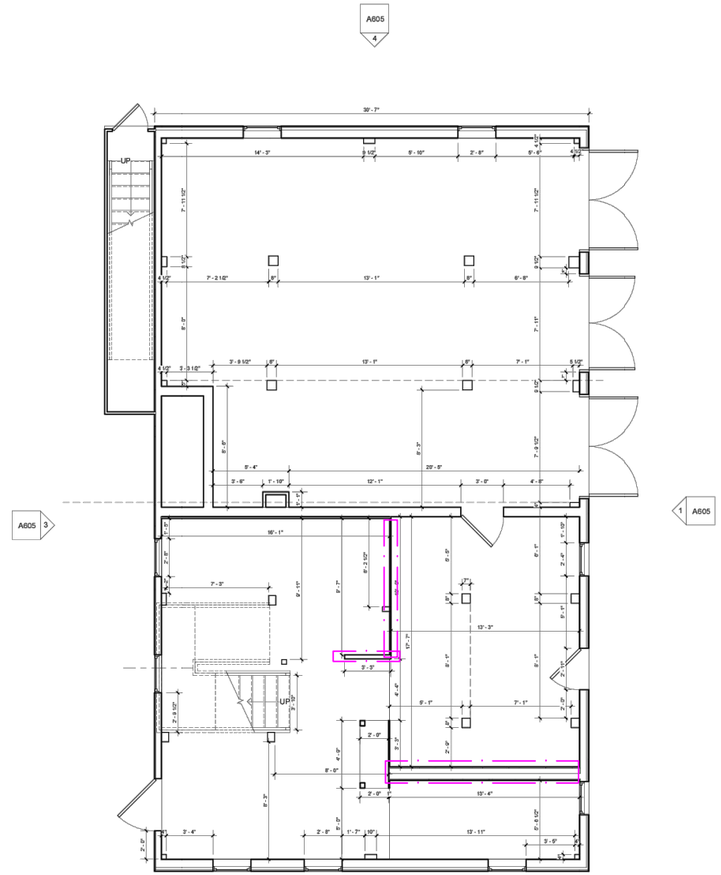
Non structural Walls for demolition

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



2 Second Floor Plan
1/4" = 1'-0"



1 First Floor Plan
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Carriage House Plans

DATE:	**05/05/2022**
SCALE:	**1/4" = 1'-0"**
PROJECT NO:	**TBD**

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

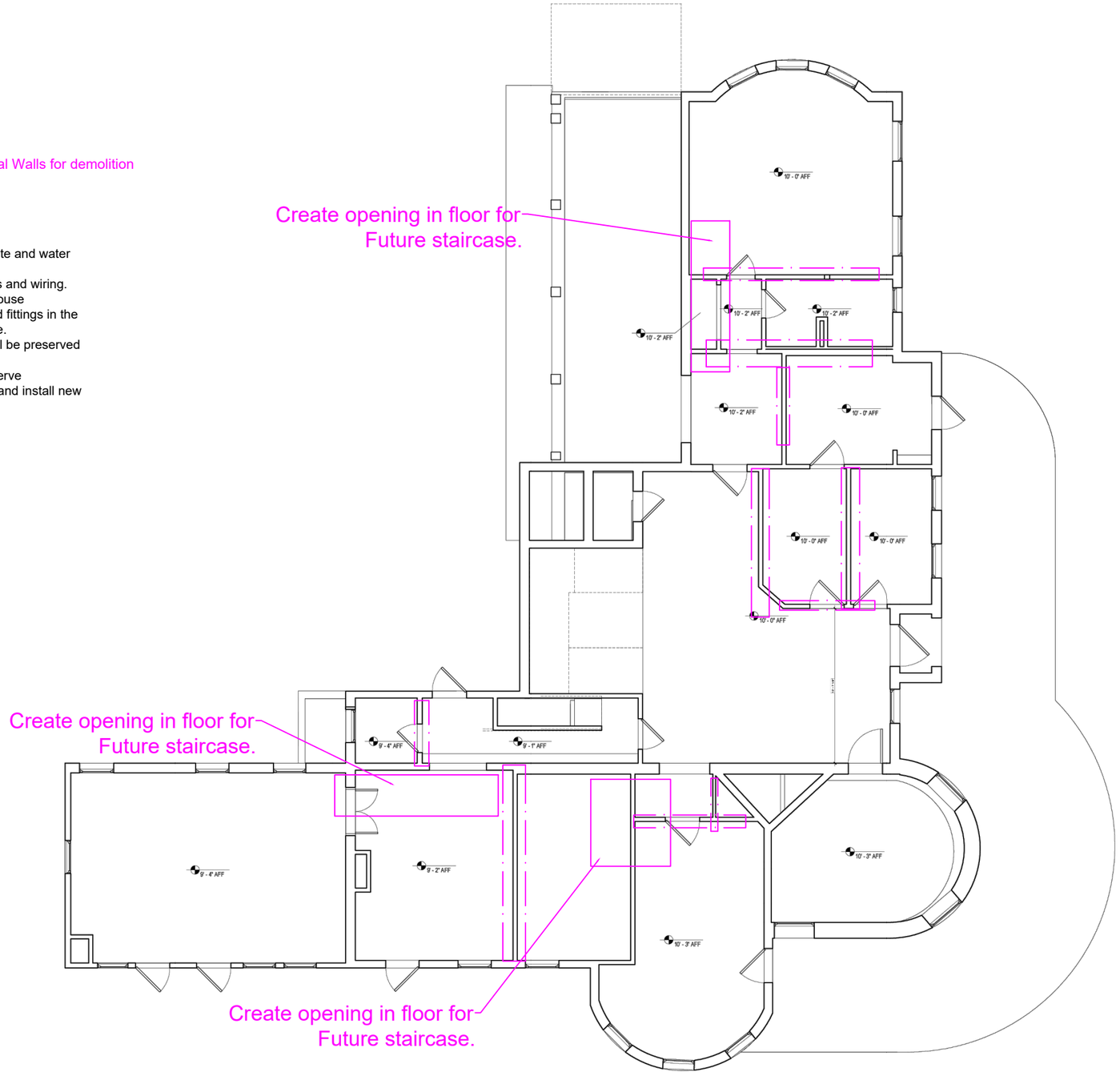
No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A105

Non structural Walls for demolition

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 First Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

First Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

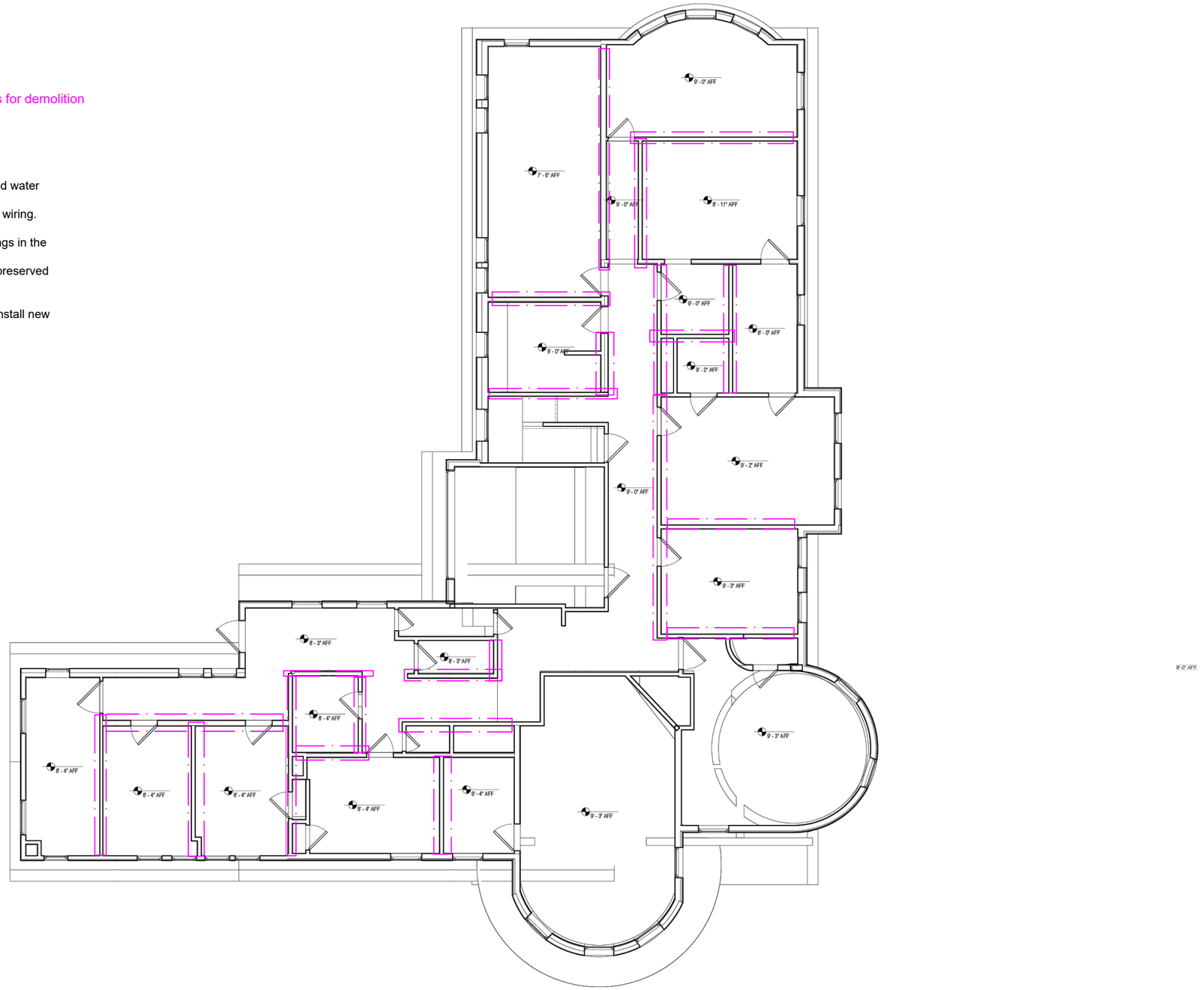
No documents herein shall be duplicated or modified in any form or whatsover to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A201

Non structural Walls for demolition

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 Second Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Second Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

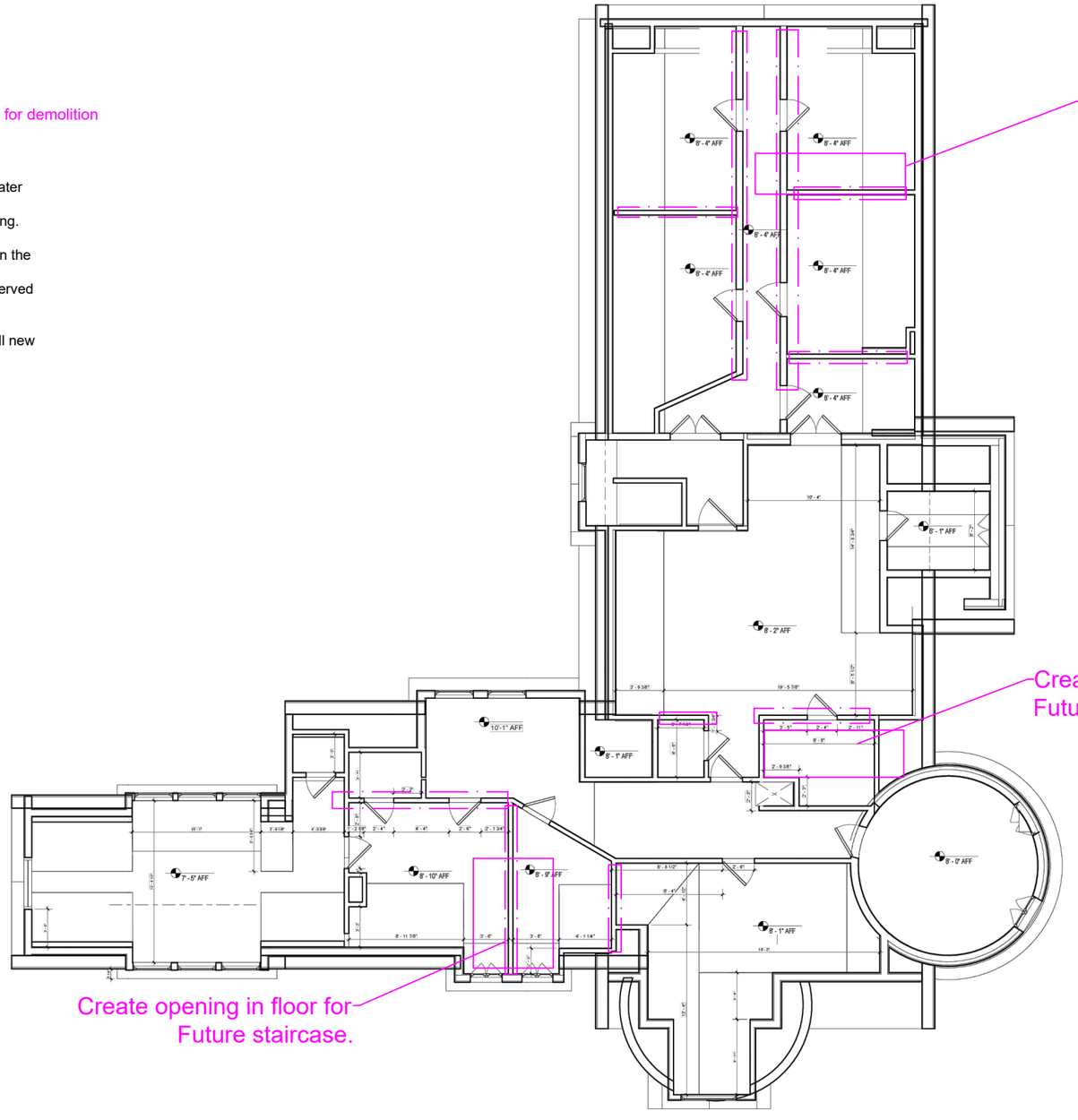
No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A202

Non structural Walls for demolition

GENERAL NOTES:

1. Remove all old plumbing waste and water lines within the building.
2. Remove all old electrical lines and wiring.
3. Remove all radiators in the house
4. Remove all plumbing trim and fittings in the house unless noted otherwise.
5. All historical trim removed will be preserved for evaluation and reuse.
6. Remove all flooring and preserve
7. Remove all existing subfloor and install new $\frac{3}{4}$ Subfloor loosely.



1 Third Floor RCP
1/4" = 1'-0"

OWNER:

ARCHITECT OF RECORD:

Gardenia Victoria, llc
2305 Sidney Ave
Baltimore, MD 21230
michael@gardeniavictoria.com
443.955.5533 tel
667.205.1347 fax

STRUCTURAL ENGINEER:

MEP ENGINEER:

PROJECT INFORMATION:

Warner Circle

10231 Caroll Pl
Kensington, MD 20895

SHEET INFORMATION:

Third Floor RCP

DATE:	05/05/2022
SCALE:	1/4" = 1'-0"
PROJECT NO:	TBD

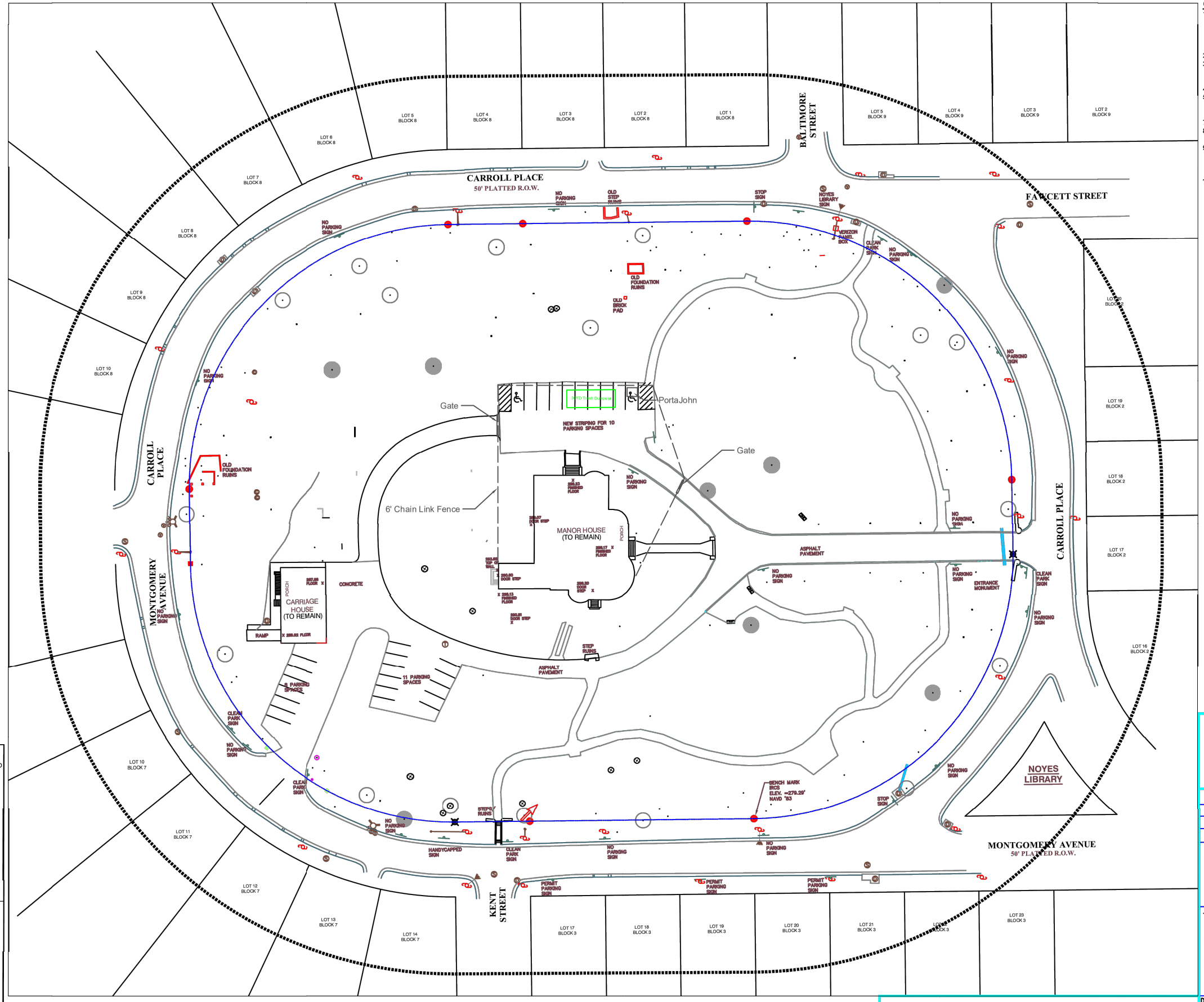
I, Michael A. Gallagher, representing Gardenia Victoria, LLC hereby affixed the certified seal with my signature. All information herein these documents are to best of my ability and professional judgement as well as knowledge.

No documents herein shall be duplicated or modified in any form or whatsoever to serve other purposes without written consent of Architect of Record - Gardenia Victoria, LLC.

A203 48

EXHIBIT C

Site Plan with Fence



SYMBOL LEGEND

- = CONCRETE MONUMENT FOUND
- = IRON ROD & CAP SET
- = POINT
- = UTILITY POLE
- = UTILITY POLE ANCHOR
- = STREET LIGHT
- = POST
- = STREET SIGN
- = CLEAN OUT
- = SANITARY SEWER MANHOLE
- = STORM DRAIN MANHOLE
- = TELPHONE LINE MANHOLE
- = WATER METER MANHOLE
- = WATER VALVE
- X 288.48 = SPOT GRADE

LINE LEGEND

- OHU = OVER HEAD UTILITIES
- SSA = ASSUMED SEWER LINES
- = ABANDONED LOT LINES
- = LOT LINES
- = 100' OFF PERIMETER
- 280 = EXISTING CONTOURS
- 280 = PROPOSED CONTOURS
- = SHRUB/BUSH AREA
- = TREE TRUNK
- = 24" to 30" DBH TREE
- = >30" DBH TREE

NOTE: UNLESS WITHIN THE LIMITS OF DISTURBANCE OR OTHERWISE NOTED THE EXTENT OF THE EXISITING TREE CANOPY DENOTES THE ROOT PROTECTION ZONE.

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

GENERAL NOTES:

1. OWNER OF RECORD:
   MONTGOMERY COUNTY, MARYLAND
   101 MONROE STREET
   3rd. FLOOR
   ROCKVILLE, MD 20850
2. DEED REF: MQR 32994/0733 & LEK 34694/523
3. AREA: LOTS 1-6 & 14-18 = ±2.683 ACRES.
   LOTS 7-13 = ±1.764 ACRES
   TOTAL AREA = ±4.447 ACRES
4. PLAT REF: PLAT BOOK "B", PLAT 4
5. TAX MAP #: HP 43, SUBDIVISION 15, BLOCK 1, LOTS 1-18
   ACCOUNT IDENTIFIER: #01022343 (LOTS 1 - 6 & 14 - 18)
   #03554268 (LOTS 7 - 13)
7. BLOCK AREA: ±4.44 ACRES.
8. OTHER THAN SHOWN, THIS SURVEY DOES NOT VERIFY THE EXISTENCE OR NON-EXISTENCE OF RIGHTS OF WAY OR EASEMENTS ON THIS PROPERTY.
9. BASED UPON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER 240119 0365 D, DATED SEPTEMBER 29, 2006, THIS PARCEL IS LOCATED OUTSIDE OF THE 100 YEAR FLOOD PLAIN.
10. VERTICAL DATUM IS BASED ON NAVD '88.

APPLICANT:
WARNER MANSION CONDOMINIUMS
DEVELOPMENT
10231 CAROLL PLACE
KENSINGTON MD 20895

TAX MAP #: HP 43, SUBDIVISION 15, BLOCK 1, LOTS 1 - 18

REV	DATE	DESCRIPTION	BY
1	6/14/2011		TMH

WARNER MANSION REHABILITATION

13th ELECTION DISTRICT
MONTGOMERY, COUNTY
TOWN OF KENSINGTON,MD

DRAWING TITLE

EXISTING SITE PLAN

SCALE: 1" = 30' | DATE: 07/08/2022 | SHEET C104

EXHIBIT D

Asbestos Monitoring Report

Asbestos Abatement Monitoring Report

Warner Circle Property
10231 Carroll Place
Kensington, MD 20895

KEM # 22038

September 5, 2012

Prepared for:
Michelle Grace
M-NCPPC
16641 Crabbs Branch Way, Building B
Rockville, MD 20855

Prepared By: Matthew Allen
Environmental Specialist

KEM
Kynoch Environmental Management

Table of Contents

Section 1 Executive Summary

Kynoch Environmental Management, Inc. (KEM) was retained by Maryland-National Capital Parks and Planning Commission (M-NCPPC) to perform industrial hygiene monitoring during asbestos abatement associated with the renovation of the Warner Circle Property located at 10231 Carroll Place, in Kensington, Maryland. KEM's initial monitoring services commenced on July 16, 2012, with the collection of background samples and were completed on August 17, 2012.

M-NCPPC, retained NAA, Inc. (NAA) of 8607 Georgetown Pike, McLean, Virginia, a licensed environmental contractor to perform the asbestos abatement.

The abatement was performed in support of the renovation of the building. The project required the removal of friable asbestos containing thermal system insulation and non-friable miscellaneous materials prior to the onset of demolition and renovation activities.

KEM's industrial hygiene monitoring and oversight of abatement activities revealed compliant work practices by NAA. During abatement, Phase Contrast Microscopy (PCM) air samples were collected both inside and outside containments and analyzed onsite to ensure that work practices minimized airborne dust within the containment and prevented migration of fibers outside of the containment.

In accordance with Maryland regulations, KEM utilized PCM air sampling for containment clearances. The results of final clearance sampling yielded airborne fiber concentrations below 0.01 fibers per cubic centimeter of air (f/cc^3), meeting the Environmental Protection Agency (EPA) and State of Maryland re-occupancy criteria following asbestos abatement.

Section 2 Background

KEM was retained by Maryland-National Capital Parks and Planning Commission (M-NCPPC) to perform industrial hygiene monitoring during asbestos abatement associated with the renovation of the existing structure located at 10231 Carroll Place. The abatement work consisted of select removal of previously identified asbestos containing sheet vinyl flooring, floor tile and mastic, pipe insulation, and mudded pipe fittings located throughout the "Nursing Home Wing" of the building and from Rooms 1, 304, 305, 306, Closet of Room 1, and Roof of Room 5 in the "Historic House" portion of the building. Prior to commencement of abatement activities, the work areas were isolated by a full negative-pressure enclosure. Asbestos abatement work was performed in accordance with applicable Federal and State of Maryland regulations.

Section 3 Asbestos Removal Procedures

Asbestos abatement activities were completed in accordance with the following standards:

- Code of Maryland Regulations (COMAR) Title 26 Subtitle 11,
- Occupational Safety and Health Administration (OSHA) general duty clause, 29 Code of Federal Regulations (CFR) 1903.1,
- OSHA Hazard Communication, 29 CFR 1910.1200,
- OSHA Respiratory Protection, 29 CFR 1910.134,
- OSHA Asbestos – General Industry, 29 CFR 1910.1001,
- OSHA Asbestos – Construction, 29 CFR 1926.1101,
- EPA ASHARA and Worker Protection Rule, 40 CFR 763,
- EPA Solid Waste, 40 CFR, Subchapter I,
- DOT Hazardous Materials, 49 CFR 172.
- 40 CFR 61-SUBPART A - General Provisions;
- 40 CFR 61-SUBPART M - National Emission Standard for Asbestos;
- 40 CFR 763, Subpart E - Asbestos Hazard Emergency Response Act (AHERA);
- 40 CFR 763 A Appendix to Subpart E - Asbestos Model Accreditation Plan;
- 49 CFR Subchapter C - Hazardous Materials Transportation. And;
- EPA 560/5-85-024 - Guidance for Controlling Asbestos Containing Materials in Buildings.

NAA performed asbestos abatement within regulated areas, consisting of full negative pressure

containments, with access limited to NAA and KEM. The work was performed under notification previously given (July 2, 2012) to the Maryland Department of the Environment (MDE) and EPA by NAA in accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP).

NAA utilized gross-removal procedures to complete OSHA Class I and Class II work including the removal of friable (ability to be crushed by normal hand pressure when dry) thermal system insulation (TSI) and miscellaneous materials, and OSHA Class IV Work including the cleanup of settled asbestos dust and debris. The work was performed in the following Rooms of the "Nursing Home Wing" of the building (Room numbers are taken from the asbestos inspection report titled "Asbestos and lead paint survey", which was written by Air, Land and Water Engineering, Inc., and dated January 18, 2012):

- Basement
  - Rooms 101-112 – Floor Tile and Mastic, Mudded Pipe Insulation Fittings
  - Rooms 114-117 – Floor Tile and Mastic, Mudded Pipe Insulation Fittings
  - Storage and room next to storage at the end of the hallway – Floor Tile and Mastic, Mudded Pipe Insulation Fittings
  - Central Supply – Floor Tile and Mastic, Mudded Pipe Insulation Fittings
  - Hallway – Floor Tile and Mastic, Mudded Pipe Insulation Fittings
  - Stairwell Hallway – Floor tile and Mastic
  - Laundry (Room 120) – Floor Tile and Mastic, Air-cell Pipe Insulation, Mudded Pipe Insulation Fittings
  - Locker Room – Mudded Pipe Insulation Fittings
  - Room 707 -
  - Boiler Room – Mudded Pipe Insulation Fittings
- Second Floor
  - Rooms 201-212 – Floor Tile and Mastic
  - Rooms 214-219 – Floor Tile and Mastic
  - Stairwell landings – Floor Tile and Mastic
  - Main Hallway – Floor Tile and Mastic

Work was also performed in the following Rooms of the "Historic House" of the building (Room numbers are taken from the asbestos inspection report titled "Asbestos and lead paint survey", which was written by Air, Land and Water Engineering, Inc., and dated January 18, 2012):

- Roof above Kitchen (Room 5) – Roofing Layers and Associated Felt
- First Floor
  - Center Living Room (Room 1) – Floor Tile and Mastic, Air-Cell Pipe Insulation, Mudded Pipe Insulation Fittings
  - Center Living Room Closet – Floor Tile and Mastic
- Third Floor
  - Room 304 – Sheet Vinyl Flooring
  - Room 305 – Floor Tile
  - Room 306 – Air-Cell Pipe Insulation

All abatement work associated with this report occurred within a containment isolated by two layers of polyethylene sheeting and continuous negative pressure maintained by high efficiency particulate air (HEPA) filtered machines. Acceptable negative pressure (<-0.02" of water) for containments was indicated by a manometer and was maintained in the containment throughout the entire duration of the work. Air machine exhaust routes terminated outdoors. A 3-stage decontamination unit was installed at the entrance of the containment for safe equipment, waste, and worker entrance and exit.

Prior to and during asbestos bulk removal procedures, NAA wet the materials with amended water to suppress dust and fiber emissions. After removal of ACM, any remaining materials that were in contact with the asbestos containing materials were then cleaned with wet methods using brushes and rags, and HEPA vacuums until visible debris and dust were removed. Following asbestos removal and cleanup and after a final visual inspection by KEM and NAA's supervisor, NAA coated all remaining surfaces with a

penetrating lock-down encapsulant.

Section 4 Summary of Asbestos Abatement Work

Work involved the removal of friable and nonfriable ACM within the building. After work area preparation, removal work commenced on July 19, 2012 and was completed on August 17, 2012. Final PCM clearance samples were collected and analyzed on the dates listed below and each area deemed clear and fit for containment teardown.

Following is a table of work areas, and pertinent dates for each:

Work Area	Materials Removed	Work Start Date	Clearance Sampling Date
Nursing Home – First Floor	Floor Tile and Mastic, Mudded Pipe Fittings (Approx. 422)	7-24-12	8-16-12
Nursing Home – Second Floor	Floor Tile and Mastic	7-19-12	7-30-12
Nursing Home – Boiler Room	Mudded Pipe Fittings (Approx. 25)	8-7-12	8-7-12
Historic House – Kitchen Roof	Caulking, Roofing Layers (Approx. 760 SF)	7-31-12	None Performed – Exterior Work
Historic House Room 1 and Closet	Floor Tile and Mastic, Air-Cell Pipe Insulation (Approx. 70 LF)	7-19-12	7-30-12
Historic House - Room 304	Beige/Pink Sheet Flooring and Associated Mastic (Approx. 130 SF)	8-14-12	8-15-12
Historic House – Room 305	Floor Tile (Approx. 100 SF)	8-14-12	8-15-12
Historic House – Room 306	Air Cell Pipe Insulation (Approx. 6 LF)	8-14-12	8-14-12

Section 5 Industrial Hygiene Monitoring

KEM provided an on-site industrial hygienist during abatement activities to monitor the performance of NAA and to conduct air sampling during the project. KEM's on-site representatives during the abatement work were Industrial Hygienists Emmanuel Ebong and Henry Ogege. Contractor monitoring included oversight and guidance on removal activities to promote compliant and safe work practices; such as decontamination procedures, engineering controls, inspection and approval of the containment, and overall conformance with the applicable regulations and cleaning requirements.

KEM's onsite representatives performed a variety of oversight activities including continuous visual inspections throughout the duration of work. For each work area, KEM provided at least one pre-abatement inspection of the containment. KEM provided visual inspections of the abatement area periodically during each shift. KEM and the NAA supervisor jointly conducted a final visual inspection at the end of each shift of either completed or ongoing abatement areas. Additionally, as requested by M-NCPPC, KEM performed daily containment clearances via PCM, starting on July 19, 2012 and ending August 9, 2012. The sampling was performed to ensure that work areas were free of elevated airborne fiber concentrations during off-work hours. The daily clearance sampling was ceased after enough data had been gathered to make additional sampling unnecessary.

KEM's industrial hygiene monitoring and oversight of abatement activities revealed compliant work practices by NAA. PCM air samples were collected both inside and outside containments to ensure that work practices were minimizing airborne dust within the containment and preventing migration of fibers outside of the containment. Results of on-site PCM analysis are included as part of the KEM daily paperwork, which is included as Appendix A. Final clearance was conducted in accordance with EPA and

Maryland regulations, utilizing PCM air sampling in each containment. The results of final PCM clearance sampling revealed that each containment's sample set's airborne fiber concentration was less than 0.01 f/cc, meeting the re-occupancy criteria in Maryland. Final PCM clearance air sampling data is included in the daily logs, which are in Appendix A.

KEM's monitoring verified that NAA's activities fell within the requirements of the project and when deficiencies were identified, KEM proposed corrective methods to achieve compliance. KEM checked contractor licenses and medical certifications, hazard communication, abatement and personal protective equipment, and overall activities to ensure conformance with project requirements; such as wet abatement methods, prompt cleanup, maintenance of negative pressure, and proper ACM disposal.

Section 6 Asbestos Air Sampling

KEM conducted air monitoring during the asbestos abatement work in accordance with project requirements to measure whether engineering controls established for the work area protected the environment, possessions, occupants, and visitors of Warner Circle Property from potential airborne fiber release resulting from the abatement work. Air sampling was conducted utilizing both high-volume and low-volume sampling pumps depending on locations and specific activities. On-site PCM analysis was utilized for project air sampling (ambient air sampling) and for final clearance samples.

During work within containments, KEM collected at least one high-volume PCM sample outside of the containment to measure fiber concentrations and to compare results to the established EPA Clearance Criteria of 0.01 f/cc and results attained during background sampling. At least one PCM sample was collected daily within the containment during abatement to measure effectiveness of work practices and engineering controls in minimizing airborne fiber release.

PCM samples were collected and analyzed using the National Institute of Occupational Safety and Health (NIOSH) Method 7400. The results of the sampling consistently confirmed that the work areas and surrounding adjacent areas maintained airborne fiber concentrations at acceptable levels.

KEM's Industrial Hygienists are qualified in PCM sample collection and analysis. KEM participates in the American Industrial Hygiene Association (AIHA) proficiency analytical testing (PAT) program and is currently rated proficient in the NIOSH 7400 method.

The results of final PCM clearance sampling revealed airborne fiber concentrations below 0.01 f/cc. As a result, each work area was deemed fit for containment teardown and re-occupancy.

Section 7 Bulk Sampling of Additional Suspect Materials

On July 3, 17, and 23, 2012, KEM collected bulk samples of additionally discovered suspect asbestos containing materials that were either not sampled during the initial inspection, or uncovered during selective demolition/abatement. Materials determined to be ACM were added into the scope of work for abatement by NAA. Laboratory analytical results are included in Appendix B.

Bulk sampling was conducted in general accordance with AHERA guidelines. The bulk samples were placed in polyethylene bags, assigned unique sample numbers, and then transported (following Chain of Custody protocol) to AMA Analytical Services, Inc. (AMA) in Lanham, MD, for analysis. AMA, an American Industrial Hygiene Association accredited laboratory, analyzed the collected samples by Polarized Light Microscopy (PLM) with dispersion staining techniques according to the methods specified in 40 CFR Part 763 Subpart F, Appendix A (method *EPA/600/R-93/116* - visual estimate).

Details of sample analysis results are listed below:

Material Description	Sample Number	Material Type	Location of Sample	Friable	ACM?	Sampling Date
Black Roof Membrane	MA-7-3-12-1	Misc	Patio Roof	No	No	7-3-12
"	MA-7-3-12-2	Misc	Patio Roof	No	No	7-3-12
Gray Roof Caulking	MA-7-3-12-3	Misc	Patio Roof	No	No	7-3-12
"	MA-7-3-12-4	Misc	Patio Roof	No	No	7-3-12
White Exterior Window Caulking	MA-7-3-12-5	Misc	Nursing Home Wing	No	No	7-3-12
White Interior Window Caulking	MA-7-3-12-6	Misc	Nursing Home Wing	No	No	7-3-12
White Interior Window Caulking	MA-7-3-12-7	Misc	Historic House Kitchen	No	No	7-3-12
White Exterior Window Caulking	MA-7-3-12-8	Misc	Historic House Kitchen	No	No	7-3-12
Off-white Mudded Pipe Fitting Insulation	MA-7-3-12-9	TSI	Nursing Home Boiler Room	Yes	Trace (Treated as ACM)	7-3-12
White Drywall Joint Compound	MA-7-3-12-10	Misc	Nursing Home Boiler Room	Yes	No	7-3-12
Multi-Colored Drywall	MA-7-3-12-11	Misc	Nursing Home Boiler Room	Yes	No	7-3-12
Gray Boiler Door Lining	MA-7-3-12-12	Misc	Nursing Home Boiler Room	No	No	7-3-12
Gray Concrete Floor Leveling Compound	71712-B1	Misc	Nursing Home First Floor Hallway	No	No	7-17-12
Black Floor Mastic	71712-B2	Misc	Nursing Home First Floor Hallway	No	Yes (5%Chrysotile)	7-17-12
Multi-Colored 1'x1' CT	72312-707-B1	Misc	Room 707	Yes	No	7-23-12
Dark Brown Ceiling Glue Dot	72312-707-B2	Misc	Room 707	No	No	7-23-12
Beige Ceiling Drywall	72312-707-B3	Misc	Room 707	Yes	No	7-23-12
Multi-Colored Ceiling Insulation Paper	72312-707-B4	Misc	Room 707	No	No	7-23-12

Section 8 Conclusion

KEM's industrial hygiene monitoring and oversight of abatement activities revealed compliant work practices by NAA. During abatement work, PCM air samples were collected both inside and outside containments to ensure that work practices were minimizing airborne dust within the containment and preventing migration of fibers outside of the containment. KEM utilized PCM air sampling for containment clearances. The results of final PCM clearance sampling revealed airborne fiber concentrations below 0.01 f/cc. Results of final clearance air sampling consistently met EPA re-occupancy criteria following asbestos abatement. Results of on-site PCM analysis are included as part of the KEM's daily paperwork, which is included in Appendix A.

The asbestos abatement work by NAA was performed in accordance with the project requirements. KEM's industrial hygiene monitoring services revealed compliant work practices by NAA, and air monitoring during the project revealed that the engineering controls established for the work areas protected the environment, possessions, occupants, and visitors of the Warner Circle Property against airborne fiber release.

EXHIBIT E

Asbestos and Lead Paint Survey 09/18/2012

ASBESTOS AND LEAD PAINT SURVEY

FOR

10231 CARROLL PLACE
KENSINGTON, MARYLAND

PREPARED FOR THE BENEFIT OF

MARYLAND NATIONAL CAPITAL PARKS AND PLANNING COMMISSION
16641Crabbs Branch Way, Building B
Rockville, MD 20855

BY

AIR, LAND AND WATER ENGINEERING, INC.
10017 Hackberry Lane, Suite 10
Columbia, MD 21046
Phone 410-997-0395
Fax 410-997-0278

JANUARY 18, 2012

ALWE PROJECT NO. 11-1931

Attachment 1

TABLE OF CONTENTS

ATTACHMENTS

APPENDIX

1.0 CERTIFICATION

Air, Land and Water Engineering, Inc. (ALWE) has performed an asbestos and lead paint survey at the buildings located at 10231 Carroll Place.

Laurence Brand 1/18/12

Laurence T. Brand, PE Senior Engineer Date

2.0 BACKGROUND

The Client requested that ALWE perform lead and asbestos testing in the building to assist with renovation plans. This work was performed in two phases, the first in 2007, and the second in late 2011 and early 2012 in general accordance with Proposal Numbers 07-265 (2007) and 11-943 (2011-12). ALWE representatives, Laurence Brand and Blaine Owens performed the initial asbestos and lead paint survey. A separate report was prepared for the barn/carriage house on the property. Mr. Brand and Mr. Derek Falzoi provided additional asbestos surveying and sampling in December, 2011 and January, 2012.

3.0 ASBESTOS SURVEY METHODOLOGY

On June 27, 2007, ALWE performed an asbestos survey to assess readily observable and readily accessible suspect asbestos containing materials (ACM) in the building. The procedures utilized during our survey included: visual observations, material sampling, and laboratory analysis of suspect building materials.

This report presents the general description of samples, locations where samples were collected, and the results of laboratory analysis of these collected samples.

The survey began with a walk-through and visual survey of the building, followed by the selection of sampling areas and then the collection of bulk samples. Material sampling areas were grouped based on material homogeneity. A homogeneous area is one that contains material that is similar in texture and color. Consideration is also given to the material's function and installation period.

Samples of suspect asbestos containing materials were collected by ALWE at various locations and analyzed for asbestos content. The materials sampled included ceiling tiles, floor tile, floor tile mastic, sheet flooring, textured ceiling paint, drywall, drywall joint compound, plaster, insulation and window caulk.

Rough sketches (not to scale) of the building and the asbestos sample locations are provided in Appendix B.

Any hidden floor tiles that were not sampled should be assumed to contain asbestos.

Roof samples were collected December 2, 2011 and analyzed on December 5, 2011. Additional suspect asbestos containing materials were collected and analyzed on December 30, 2011, and January 5, 2012.

The samples were analyzed using Polarized Light Microscopy (PLM) coupled with Dispersion Staining as outlined in the Environmental Protection Agency's (EPA) "Method for the Determination of Asbestos in Bulk Materials" (EPA-600/R-93/116, July 1993). A listing of the sampled materials and their locations can be found in the table in section 5 and in the Laboratory Report forms, located in Appendix A.

4.0 LEAD PAINT TESTING METHODOLOGY

On June 26, 2007, ALWE performed lead-based paint testing on readily accessible and observable suspect lead-based painted surfaces, utilizing X-ray fluorescence (XRF) technology.

Maryland regulations define lead-based paint, as paint with more than 0.7 milligrams per square centimeter (mg/cm^2) or greater than 0.5% lead by weight. The XRF test results and laboratory results are attached in Appendix C. This lead-based paint testing was limited to accessible surfaces.

The report shows each reading in the sequence that it was taken. The rooms and the surfaces in the rooms are designated on the report and each sample taken within that room was characterized as follows: the wall labeled A is the wall that faces the front of the building, going clockwise, the B wall is the next wall, C the next and the last wall is D. The XRF results column, given in units of milligrams per square centimeter (mg/cm^2), is recorded onto the data sheets directly from the XRF analyzer after each test. A negative number sometimes exists because of the nature of the algorithmic substrate correction features of the spectrum analyzer. This is not meant to be interpreted as a "negative" amount of lead, but rather an effect from the density of the substrate on the detectable amount of excited lead electrons, if any, that can be associated with the components reading.

5.0 RESULTS, CONCLUSIONS AND RECOMMENDATIONS

Asbestos

The following table provides the locations and conditions of asbestos containing materials identified in the building.

Table #1

Material	Quantity	Location	Condition
Nursing Wing			
9" X 9" Floor tile and floor tile mastic	4,100 square feet	1st Floor (Basement); 101-112, 114-117, Storage and room next to Storage at the end of the Hallway, Central Supply, Hallway, and Stair Hallway	Good
9" X 9" Floor tile and floor tile mastic	3,300 square feet	2nd Floor; 201-212, 214-219, and Stairs (top and mid landings)	Good
Residual black floor tile mastic (Under carpet*)	1,200 square feet	2nd Floor Hallway. Not including the 12" X 12" tiles adjacent to Room 210.	Poor
Aircell pipe insulation	2 linear feet	Laundry (Room 120) in Basement.	Poor
Historic House			
Multiple roofing layers and associated felt	760 square feet	Roof above Kitchen (Room 5).	Good
9" X 9" Floor tile and floor tile mastic (under wood patterned flooring)	1,300 square feet	1st Floor, Center Living Room (Room 1).	Good

9" X 9" Floor tile and floor tile mastic (same as in Center Living Room)	42 square feet	1st Floor, Center Living Room Closet. Some floor tile is present under shelving.	Good
12" X 12" Wood pattern floor tile	15 square feet	1st Floor. Closet by Room 15.	Good
9 X 9" Floor tile and floor tile mastic (under carpet*)	210 square feet	2nd Floor. Room 3-2.	Good
9 X 9" Floor tile and floor tile mastic (under carpet*)	36 square feet	2nd Floor. Small hallway outside Room 3-2.	Good
Beige/Pink Sheet Flooring and black flooring mastic	130 square feet	Room 304.	Good
9" X 9" Floor Tile under linoleum	300 square feet	Room 305.	Good
Aircell Pipe Insulation	6 linear feet	Room 306.	Poor
Potentially hidden ACM floor tile and floor tile mastic		Areas with carpet and sheet flooring should be assumed to have ACM floor tile present beneath first layer of flooring.	

*Carpet should be considered contaminated and disposed of as asbestos waste.

This table lists where the sample of the asbestos material was collected from. If similar (homogeneous) material is found in the building it should be assumed to contain asbestos. For instance all black mastic in both buildings (nursing home and original) should be assumed to contain asbestos.

The Environmental Protection Agency recommends transmission electron microscopy (TEM) analysis for all mastic samples that are initially negative by PLM. If the client requests it we can have the mastic samples analyzed by TEM for an additional fee.

The asbestos material that is friable (can be reduced to powder using hand pressure), including the asbestos pipe insulation in the building, must be removed prior to being disturbed by the renovation or demolition. A licensed asbestos contractor must be used for this work. In addition to the insulation found in the laundry room about six feet of asbestos pipe insulation was also observed in room 306 on the second floor on a pipe leading to a radiator. Three additional feet of aircell type asbestos pipe insulation was observed in the fire control room in the basement. Suspect insulation was also observed on duct work in the basement above the drywall near the telephone wiring. It appears the accessible asbestos had been removed from the duct, but insulation above the ceiling was left on the ductwork. Based upon the fact asbestos insulation was found in some areas it is likely it will be found in other concealed wall cavities in the house. Care should be taken when exposing or penetrating these cavities.

On January 5, 2012, a suspect tile was found under the plywood in the Kitchen. This tile was negative by PLM analysis. The sample was further analyzed by TEM analysis to confirm it was negative since this Kitchen will be partially demolished.

The non-friable materials, such as the asbestos floor tiles, can be left in place in good condition as long as an asbestos operations and maintenance plan is written and implemented. If floor tiles are damaged, they can be considered friable, therefore careful consideration should be given to having floor tiles removed by licensed asbestos contractors if they will be disturbed. Asbestos sheet flooring should be removed by an abatement contractor if it will be disturbed by any renovations. Sheet flooring is considered friable during removal.

Lead Paint

According to the XRF test results, lead-based paint (LBP) was detected on the following surfaces.

- Exterior entry door systems, window systems, siding and downspouts
- Exterior porch ceiling, railings, headers, and posts
- Various interior door systems, window systems, baseboards, columns, chair rails, mantles, radiators
- Various interior walls, wainscoting, ceilings, and floors
- Interior stair stringers, newel posts, and balusters

Locations of lead-based painted materials are provided in the sample results tables located in Appendix C.

Proper precautions should be taken to ensure that occupants, workers, and contractors are protected from the potential risks associated with lead-based paint during any renovations. Removal of lead paint is not required before demolition of the structure.

6.0 LIMITATIONS

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by ALWE in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations, and materials that were observed at the time the fieldwork was conducted. No inferences regarding other conditions, locations, or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or implied is made. ALWE's liability and that of its contractors and subcontractors, arising from any services rendered hereunder, shall not exceed the total fee paid by the client to ALWE for this project. This report was prepared for the sole use of our client. The use of this report by anyone other than our client or ALWE is strictly prohibited without the expressed prior written consent of ALWE. Portions of this report may not be used independent of the entire report.

APPENDIX A
ASBESTOS LABORATORY RESULTS

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1 *190705528-0001*	9x9 FT white w/red & blk streaks Rm 219	White/Red Fibrous Heterogeneous	5% Cellulose tile	35% Ca Carbonate 52% Non-fibrous (other)	8% Chrysotile
1A *190705528-0001A*	9x9 FT white w/red & blk streaks Rm 219	Black/Brown Fibrous Heterogeneous	10% Cellulose blk mastic	78% Non-fibrous (other)	12% Chrysotile
2 *190705528-0002*	12x12 FT beige/white in nursing office next to rm	White/Beige Fibrous Heterogeneous	2% Cellulose <1% Synthetic lile	45% Ca Carbonate 53% Non-fibrous (other)	None Detected
2A *190705528-0002A*	12x12 FT beige/white in nursing office next to rm	Brown Fibrous Heterogeneous	2% Cellulose 3% Synthetic bm mastic	95% Non-fibrous (other)	None Detected
3 *190705528-0003*	12x12 FT Pink 7 gray in hallway	Pink/Gray Fibrous Heterogeneous	5% Cellulose 3% Synthetic tile	35% Ca Carbonate 57% Non-fibrous (other)	None Detected
3A *190705528-0003A*	12x12 FT Pink 7 gray in hallway	Yellow/Black Fibrous Heterogeneous	7% Cellulose 5% Synthetic blk mastic	85% Non-fibrous (other)	3% Chrysotile
4 *190705528-0004*	9x9 Ft gray near 2nd fl elevator lobby	Gray/White Fibrous Heterogeneous	3% Cellulose tile	50% Ca Carbonate 42% Non-fibrous (other)	5% Chrysotile

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	Location	Appearance	%	Fibrous	%	Non-Fibrous	% Type
4A *190705528-0004A*	9x9 Ft gray near 2nd fl elevator lobby	Brown/Black Fibrous Heterogeneous	5% blk mastic	Cellulose	95%	Non-fibrous (other)	None Detected
5 *190705528-0005*	9x9 FT green in 1st fl hallway and Rm 109	Green Fibrous Heterogeneous	5% <1% tile	Cellulose Synthetic	45% 47%	Ca Carbonate Non-fibrous (other)	3% Chrysotile
5A *190705528-0005A*	9x9 FT green in 1st fl hallway and Rm 109	Black/Brown Fibrous Heterogeneous	15% blk mastic	Cellulose	85%	Non-fibrous (other)	None Detected
6 *190705528-0006*	Sheet flooring Brown in DR	White/Brown Fibrous Heterogeneous	25% sheet flooring only; no mastic on it	Glass	75%	Non-fibrous (other)	None Detected
7 *190705528-0007*	9x9 Ft Lt gray in hallway & Rm 108	White/Gray Fibrous Heterogeneous	5% tile	Cellulose	50% 40%	Ca Carbonate Non-fibrous (other)	5% Chrysotile
7A *190705528-0007A*	9x9 Ft Lt gray in hallway & Rm 108	Black/Brown Fibrous Heterogeneous	10% blk mastic	Cellulose	90%	Non-fibrous (other)	None Detected
8 *190705528-0008*	9x9 Pink in Rm 107	Pink Fibrous Heterogeneous	5% tile	Cellulose	45% 44%	Ca Carbonate Non-fibrous (other)	6% Chrysotile

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
8A *190705528-0008A*	9x9 Pink in Rm 107				Stop Positive (Not Analyzed)
			blk mastic		
9 *190705528-0009*	9x9 Ft Med ray in Rm 106	Gray/Olive Fibrous Heterogeneous	2% Cellulose	45% Ca Carbonate 48% Non-fibrous (other)	5% Chrysotile
			tile		
9A *190705528-0009A*	9x9 Ft Med ray in Rm 106				Stop Positive (Not Analyzed)
			blk mastic		
10 *190705528-0010*	12x12 Ft gray/blue nurses station next	Gray/Blue Fibrous Heterogeneous	5% Cellulose 10% Synthetic	35% Ca Carbonate 50% Non-fibrous (other)	None Detected
			lino tile		
10A *190705528-0010A*	12x12 Ft gray/blue nurses station next	Gray/Brown Fibrous Heterogeneous	10% Cellulose 30% Synthetic	60% Non-fibrous (other)	None Detected
			non-blk mastic		
11 *190705528-0011*	12x12 FT yellow in nurses station under blue 12x12	Yellow/Brown Fibrous Heterogeneous	8% Cellulose	30% Ca Carbonate 55% Non-fibrous (other)	7% Chrysotile
			Tile		
11A *190705528-0011A*	12x12 FT yellow in nurses station under blue 12x12				Stop Positive (Not Analyzed)
			blk mastic		

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
12 *190705528-0012*	TSI locker Room (8 mudded fittings)	White/Gray Fibrous Heterogeneous	30% Min. Wool	60% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
13 *190705528-0013*	TSI Laundry rom 1' aircell	White/Brown Fibrous Heterogeneous	30% Cellulose	30% Ca Carbonate	**40% Chrysotile**
14 *190705528-0014*	Sheet flooring in Kit beige	Beige/Brown Fibrous Heterogeneous	5% Cellulose sheet flooring	95% Non-fibrous (other)	**None Detected**
14A *190705528-0014A*	Sheet flooring in Kit beige		bik mastic		**Stop Positive (Not Analyzed)**
15 *190705528-0015*	12x12 FT lobby w/wood pattern damaged	Brown Fibrous Heterogeneous	3% Cellulose tile	25% Ca Carbonate 70% Non-fibrous (other)	**2% Chrysotile**
15A *190705528-0015A*	12x12 FT lobby w/wood pattern damaged		bik mastic		**Stop Positive (Not Analyzed)**
16 *190705528-0016*	sheet flooring in 8 on 1st fl of house	Gray/Beige Fibrous Heterogeneous	30% Cellulose 25% Glass sheet flooring only; no mastic on it	45% Non-fibrous (other)	**None Detected**

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
17 *190705528-0017*	12x12 Ft wood pattern in closet	Gray/Brown Fibrous Heterogeneous	3% Cellulose 2% Synthetic tile	25% Ca Carbonate 70% Non-fibrous (other)	None Detected
17A *190705528-0017A*	12x12 Ft wood pattern in closet	Brown/Yellow Fibrous Heterogeneous	15% Cellulose 3% Synthetic non-blk mastic	82% Non-fibrous (other)	None Detected
18 *190705528-0018*	9x9 Ft white w/ red streaks	White/Red Fibrous Heterogeneous	3% Celluiose tile	45% Ca Carbonate 47% Non-fibrous (other)	5% Chrysotile
18A *190705528-0018A*	9x9 Ft white w/ red streaks		blk mastic		Stop Positive (Not Analyzed)
19 *190705528-0019*	Sheet flooring blue dots in rm 1 under wood patter	Blue/Cream Fibrous Heterogeneous	30% Cellulose 20% Glass 20% Synthetic sheet flooring	30% Non-fibrous (other)	None Detected
19A *190705528-0019A*	Sheet flooring blue dots in rm 1 under wood patter	Yellow/Brown Fibrous Heterogeneous	20% Cellulose 10% Glass 3% Synthetic non-blk mastic	67% Non-fibrous (other)	None Detected
20 *190705528-0020*	Sheet flooring rm 1 w/wood pattern	Gray/Brown Non-Fibrous Heterogeneous	<1% Cellulose <1% Synthetic sheet flooring	25% Ca Carbonate 75% Non-fibrous (other)	None Detected

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
20A *190705528-0020A*	Sheet flooring rm 1 w/wood pattern	Yellow/Brown Fibrous Heterogeneous	15% Cellulose 5% Synthetic non-blk mastic	80% Non-fibrous (other)	**None Detected**
21 *190705528-0021*	Plaster 2 layers in rm 218	Green/White Non-Fibrous Heterogeneous	skim coat	100% Non-fibrous (other)	**None Detected**
21A *190705528-0021A*	Plaster 2 layers in rm 218	Gray/Brown Non-Fibrous Heterogeneous	<1% Cellulose rough coat	10% Mica 60% Non-fibrous (other) 30% Quartz	**None Detected**
22 *190705528-0022*	Plaster 2 layers in rm 216	Green/White Non-Fibrous Heterogeneous	skim coat	100% Non-fibrous (other)	**None Detected**
22A *190705528-0022A*	Plaster 2 layers in rm 216	Gray/Brown Fibrous Heterogeneous	2% Cellulose rough coat	10% Mica 58% Non-fibrous (other) 30% Quartz	**None Detected**
23 *190705528-0023*	Plaster 2 layers in Rm 206	Green/White Non-Fibrous Heterogeneous	skim coat	100% Non-fibrous (other)	**None Detected**

Analyst(s)
George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
23A *190705528-0023A*	Plaster 2 layers in Rm 206	Gray/Brown Non-Fibrous Heterogeneous	<1%	Cellulose	12% 58% 30%	Mica Non-fibrous (other) Quartz	**None Detected**
		rough coat					
24 *190705528-0024*	Plaster 2 layers in rm 209	Green/White Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
		skim coat					
24A *190705528-0024A*	Plaster 2 layers in rm 209	Gray/Brown Non-Fibrous Heterogeneous	<1%	Cellulose	10% 60% 30%	Mica Non-fibrous (other) Quartz	**None Detected**
		rough coat					
25 *190705528-0025*	Plaster 2 layers in Rm 106	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
		skim coat					
25A *190705528-0025A*	Plaster 2 layers in Rm 106	Tan/Beige Fibrous Heterogeneous	2%	Cellulose	68% 30%	Non-fibrous (other) Quartz	**None Detected**
		rough coat					
26 *190705528-0026*	Plaster 2 layers in rm 103	White/Blue Non-Fibrous Heterogeneous			100%	Non-fibrous (other)	**None Detected**
		skim coat plaster only					

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. *Samples received in good condition unless otherwise noted.*
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
27 *190705528-0027*	Plaster 2 layers in rm 116	Green/White Non-Fibrous Heterogeneous	skim coat	100% Non-fibrous (other)	None Detected
27A *190705528-0027A*	Plaster 2 layers in rm 116	Gray/Beige Non-Fibrous Heterogeneous	rough coat	50% Non-fibrous (other) 25% Perlite 25% Quartz	None Detected
28 *190705528-0028*	textured ceiling paint in rm 1	White Non-Fibrous Heterogeneous	<1% Cellulose text paint	100% Non-fibrous (other)	None Detected
29 *190705528-0029*	textured ceiling paint in rm 1	White Non-Fibrous Heterogeneous	text paint	100% Non-fibrous (other)	None Detected
30 *190705528-0030*	textured ceiling paint in rm 1	White Non-Fibrous Heterogeneous	<1% Cellulose text paint	90% Non-fibrous (other) 10% Perlite	None Detected
31 *190705528-0031*	2x4 Ct in rm 1	White/Brown Fibrous Heterogeneous	40% Cellulose 15% Glass ct	10% Non-fibrous (other) 35% Perlite	None Detected
32 *190705528-0032*	Spline CT in elevator lobby 2nd fl	White/Brown Fibrous Heterogeneous	88% Cellulose ct	12% Non-fibrous (other)	None Detected

Analyst(s)
George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
33 *190705528-0033*	Plaster in Rm 2	Tan/Green Non-Fibrous Heterogeneous skim coat		100% Non-fibrous (other)	None Detected
33A *190705528-0033A*	Plaster in Rm 2	Gray/Beige Fibrous Heterogeneous rough coat	5% Cellulose	50% Non-fibrous (other) 20% Perlite 25% Quartz	None Detected
34 *190705528-0034*	Plaster in Rm 4	Pink/White Non-Fibrous Heterogeneous skim coat		100% Non-fibrous (other)	None Detected
34A *190705528-0034A*	Plaster in Rm 4	Beige/Gray Fibrous Heterogeneous rough coat	3% Cellulose	52% Non-fibrous (other) 20% Perlite 25% Quartz	None Detected
35 *190705528-0035*	Plaster in basement telephone area	White Non-Fibrous Homogeneous skim coat		100% Non-fibrous (other)	None Detected
35A *190705528-0035A*	Plaster in basement telephone area	Brown/Rust Non-Fibrous Heterogeneous rough coat		12% Mica 30% Non-fibrous (other) 58% Quartz	None Detected

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
36 *190705528-0036*	Plaster in rm 304 on 2nd fl	White Non-Fibrous Homogeneous skim coat		100% Non-fibrous (other)	**None Detected**
36A *190705528-0036A*	Plaster in rm 304 on 2nd fl	Brown/Beige Fibrous Heterogeneous rough coat	5% Hair	30% Ca Carbonate 15% Mica 50% Non-fibrous (other)	**None Detected**
37 *190705528-0037*	Plaster in hallway 3-5	Tan/White Non-Fibrous Heterogeneous skim coat		100% Non-fibrous (other)	**None Detected**
37A *190705528-0037A*	Plaster in hallway 3-5	Beige/Brown Fibrous Heterogeneous rough coat	8% Hair	15% Mica 47% Non-fibrous (other) 30% Quartz	**None Detected**
38 *190705528-0038*	Plaster in bath rm 4-3	White Non-Fibrous Homogeneous skim coat		100% Non-fibrous (other)	**None Detected**
38A *190705528-0038A*	Plaster in bath rm 4-3	Brown/Beige Fibrous Heterogeneous rough coat	10% Hair	15% Mica 45% Non-fibrous (other) 30% Quartz	**None Detected**

Analyst(s)
George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Bellsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: 10231 Carroll Place

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
39 *190705528-0039*	Plaster in rm 4-2 damaged area	White/Blue Non-Fibrous Heterogeneous	skim coat	100% Non-fibrous (other)	None Detected
39A *190705528-0039A*	Plaster in rm 4-2 damaged area	Beige/Brown Fibrous Heterogeneous	12% Hair rough coat	15% Mica 43% Non-fibrous (other) 30% Quartz	None Detected
40 *190705528-0040*	Drywall in basement	White/Brown Fibrous Heterogeneous	25% Cellulose 5% Glass dw	70% Gypsum	None Detected
41 *190705528-0041*	Joint compound on 40	White Non-Fibrous Homogeneous	<1% Cellulose jc	20% Mica 80% Non-fibrous (other)	None Detected
42 *190705528-0042*	Sheet flooring in 306 & patch in 305	Beige/Gray Fibrous Heterogeneous	25% Cellulose 15% Glass sheet flooring	15% Ca Carbonate 45% Non-fibrous (other)	None Detected
42A *190705528-0042A*	Sheet flooring in 306 & patch in 305	Yellow/Green Fibrous Heterogeneous	15% Cellulose 5% Glass 25% Synthetic non-blk mastic	55% Non-fibrous (other)	None Detected
43 *190705528-0043*	Sheet flooring in 305	Beige/Cream Fibrous Heterogeneous	25% Cellulose 15% Synthetic sheet flooring	15% Mica 45% Non-fibrous (other)	None Detected

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
43A *190705528-0043A*	Sheet flooring in 305	Gray/Brown Fibrous Heterogeneous	15% Cellulose 5% Synthetic non-blk mastic	80% Non-fibrous (other)	None Detected
44 *190705528-0044*	Sheet flooring in 304	Beige/Pink Fibrous Heterogeneous	20% Cellulose sheet flooring	15% Ca Carbonate 45% Non-fibrous (other)	20% Chrysotile
44A *190705528-0044A*	Sheet flooring in 304	Gray/Brown Fibrous Heterogeneous	25% Cellulose 15% Synthetic non-blk mastic	60% Non-fibrous (other)	None Detected
45 *190705528-0045*	Sheet flooring in bathroom 3-3	Beige/Cream Fibrous Heterogeneous	15% Cellulose 20% Glass sheet flooring	15% Mica 50% Non-fibrous (other)	None Detected
45A *190705528-0045A*	Sheet flooring in bathroom 3-3	Gray/Brown Fibrous Heterogeneous	75% Cellulose non-blk mastic	25% Non-fibrous (other)	None Detected
46 *190705528-0046*	FT 12x12 Blue pattern bathroom 4-3	Blue/White Fibrous Heterogeneous	2% Cellulose <1% Synthetic tile	35% Ca Carbonate 63% Non-fibrous (other)	None Detected
46A *190705528-0046A*	FT 12x12 Blue pattern bathroom 4-3	Silver/Brown Fibrous Heterogeneous	5% Cellulose 5% Synthetic non-blk mastic	90% Non-fibrous (other)	None Detected

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

12

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: 3019375701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **10231 Carroll Place**

Customer ID: ALWE62
Customer PO:
Received: 06/28/07 9:30 AM
EMSL Order: 190705528

EMSL Proj:
Analysis Date: 7/2/2007
Report Date: 7/3/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos %	Fibrous	% Non-Fibrous	Asbestos % Type
47 *190705528-0047*	Flooring under 46	Cream/Tan Fibrous Heterogeneous	25% 10% 15%	Cellulose Glass Synthetic	50% Non-fibrous (other)	None Detected
		flooring				
47A *190705528-0047A*	Flooring under 46	Yellow/Brown Fibrous Heterogeneous	20% 5% 5%	Cellulose Glass Synthetic	70% Non-fibrous (other)	None Detected
		non-blk mastic				
48 *190705528-0048*	sheeting black & white pattern	White/Black Fibrous Heterogeneous	25% 15% 15%	Cellulose Glass Synthetic	15% Mica 30% Non-fibrous (other)	None Detected
		sheeting				
48A *190705528-0048A*	sheeting black & white pattern	Cream/Yellow Fibrous Heterogeneous	25% 5% 5%	Cellulose Glass Synthetic	65% Non-fibrous (other)	None Detected
		non-blk mastic				
49 *190705528-0049*	window caulk front window near front door	White/Red Fibrous Heterogeneous	3%	Cellulose	97% Non-fibrous (other)	None Detected

Analyst(s)

George Malone (85)

Joe Centifonti, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted
Analysis performed by EMSL Beltsville (NVLAP #200293-0)

PLM-1

THIS IS THE LAST PAGE OF THE REPORT.

13

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **11-1931 CARROLL**

Customer ID: ALWE62
Customer PO:
Received: 12/02/11 4:25 PM
EMSL Order: 191112070

EMSL Proj:
Analysis Date: 12/5/2011

2011
Roof Samples (P.1)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1 *191112070-0001*	TOP LAYAER & SECOND FELT LAYER	Black/Silver Fibrous Heterogeneous	10% Cellulose 35% Synthetic	48% Non-fibrous (other)	7% Chrysotile
2 *191112070-0002*	BOTTOM LAYAERS & VAPOR BARRIER	Black Fibrous Heterogeneous	12% Glass 35% Synthetic	53% Non-fibrous (other)	None Detected
3 *191112070-0003*	MULTIPLE LAYERS FROM CUT #2	Black/Silver Fibrous Heterogeneous	10% Cellulose 30% Synthetic 25% Glass	25% Non-fibrous (other)	10% Chrysotile
4 *191112070-0004*	LAYER OF MATERIAL ON VENT 2' UP FROM ROOF	Black/Silver Non-Fibrous Heterogeneous	7% Cellulose 30% Synthetic	53% Non-fibrous (other) 10% Mica	None Detected
5 *191112070-0005*	VAPOR BARRIER UNDER INSULATION CUT #4	Black Fibrous Heterogeneous	40% Glass	60% Non-fibrous (other)	None Detected
6 *191112070-0006*	INSULATION FRON CUT #5	Brown/White Fibrous Heterogeneous	65% Cellulose	0% Non-fibrous (other) 35% Perlite	None Detected

Initial report from 12/05/2011 15:06:31

Analyst(s)

George Malone (7)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **11-1931 CARROLL**

Customer ID: ALWE62
Customer PO:
Received: 12/02/11 4:25 PM
EMSL Order: 191112070

EMSL Proj:
Analysis Date: 12/5/2011

Roof Samples (P.2)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
7 *191112070-0007*	CAULK FROM PATIO/ROOF	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 12/05/2011 15:06:31

Analyst(s)

George Malone (7)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **11-1931 CARROLL PLACE**

Customer ID: ALWE62
Customer PO:
Received: 12/30/11 9:55 AM
EMSL Order: 191112960

EMSL Proj:
Analysis Date: 12/30/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
12/28-1 *191112960-0001*	CLOTH FL COVERING RM 4-5	Brown/Gray/Tan Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
12/28-2-Floor Tile *191112960-0002*	9X9 FT UNDER LINOLEUM ROOM 305	Tan/Yellow/Cream Fibrous Heterogeneous	2% Cellulose	46% Non-fibrous (other) 45% Ca Carbonate	7% Chrysotile
12/28-2-Mastic *191112960-0002A*	9X9 FT UNDER LINOLEUM ROOM 305	Brown/Yellow Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (other)	None Detected

Initial report from 12/30/2011 13:35:48

Analyst(s)
George Malone (3)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: **CARROLL PLACE**

Customer ID: ALWE62
Customer PO:
Received: 01/05/12 11:30 AM
EMSL Order: 191200113

EMSL Proj:
Analysis Date: 1/5/2012

2012 (p1 of 2)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
1/5-1-Floor Tile *191200113-0001*	TILE UNDER SHEETING FLOORING IN HALLWAY 16	Brown/Gray Fibrous Heterogeneous		50% Non-fibrous (other) 45% Ca Carbonate	5% Chrysotile
1/5-1-Mastic *191200113-0001A*	TILE UNDER SHEETING FLOORING IN HALLWAY 16	Brown/Black Fibrous Heterogeneous	10% Cellulose 3% Synthetic	87% Non-fibrous (other)	None Detected
1/5-2-Floor Tile *191200113-0002*	TILE UNDER KITCHENFLOORING W/ BRN MSTC	Tan/Beige/Cream Non-Fibrous Heterogeneous		40% Non-fibrous (other) 60% Ca Carbonate	None Detected
1/5-2-Mastic *191200113-0002A*	TILE UNDER KITCHENFLOORING W/ BRN MSTC	Brown/Yellow Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (other)	None Detected
1/5-4-Sheet Flooring *191200113-0003*	BATHRM OFF 306 SHEET FLOOR	Gray/Beige/Cream Fibrous Heterogeneous	35% Cellulose 12% Glass 15% Synthetic	38% Non-fibrous (other)	None Detected
1/5-4-Mastic *191200113-0003A*	BATHRM OFF 306 SHEET FLOOR	Brown/Yellow Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (other)	None Detected

Initial report from 01/05/2012 14:45:15

Analyst(s)

George Malone (6)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

EMSL Analytical, Inc.
10768 Baltimore Avenue, Beltsville, MD 20705
Phone: (301) 937-5700 Fax: (301) 937-5701 Email: beltsvillelab@emsl.com

Attn: **Larry Brand**
Air, Land & Water Engineering Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046

Fax: (410) 997-0278 Phone: (410) 997-0395
Project: CARROLL PLACE

Customer ID: ALWE62
Customer PO:
Received: 01/05/12 11:30 AM
EMSL Order: 191200113

EMSL Proj:
Analysis Date: 1/5/2012

2012 (p 2082)

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type

Initial report from 01/05/2012 14:45:15

Analyst(s)

George Malone (6)

Joe Centifonti, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.
Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

THIS IS THE LAST PAGE OF THE REPORT.

APPENDIX B
SITE SKETCH WITH ASBESTOS SAMPLE LOCATIONS

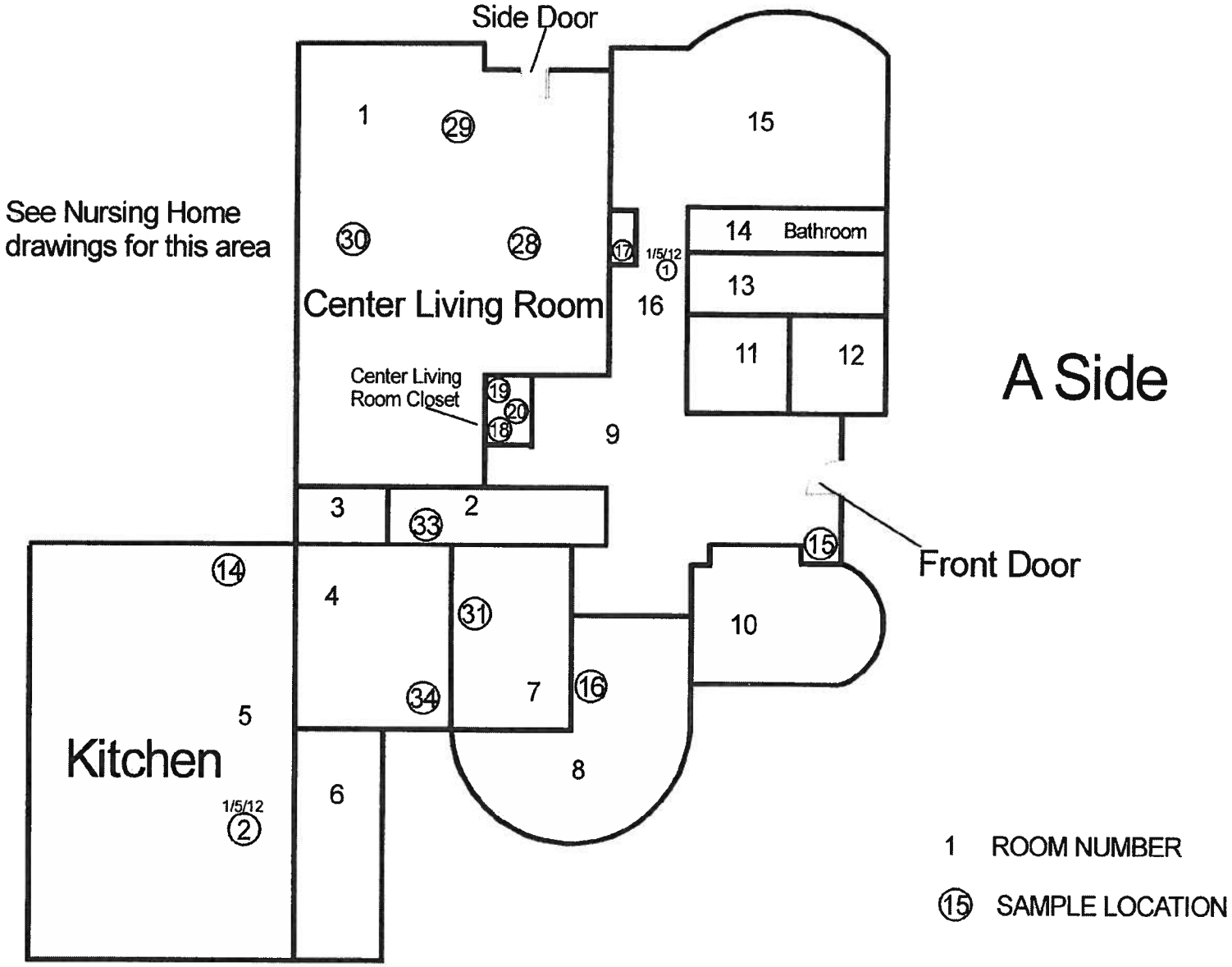


Figure 1

Air, Land and Water Engineering, Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
410-997-0395

SUBJECT SITE: 10231 Carroll Place
Historic House, Main Floor
ALWE JOB NO. 11-1931
SAMPLE LOCATION MAP

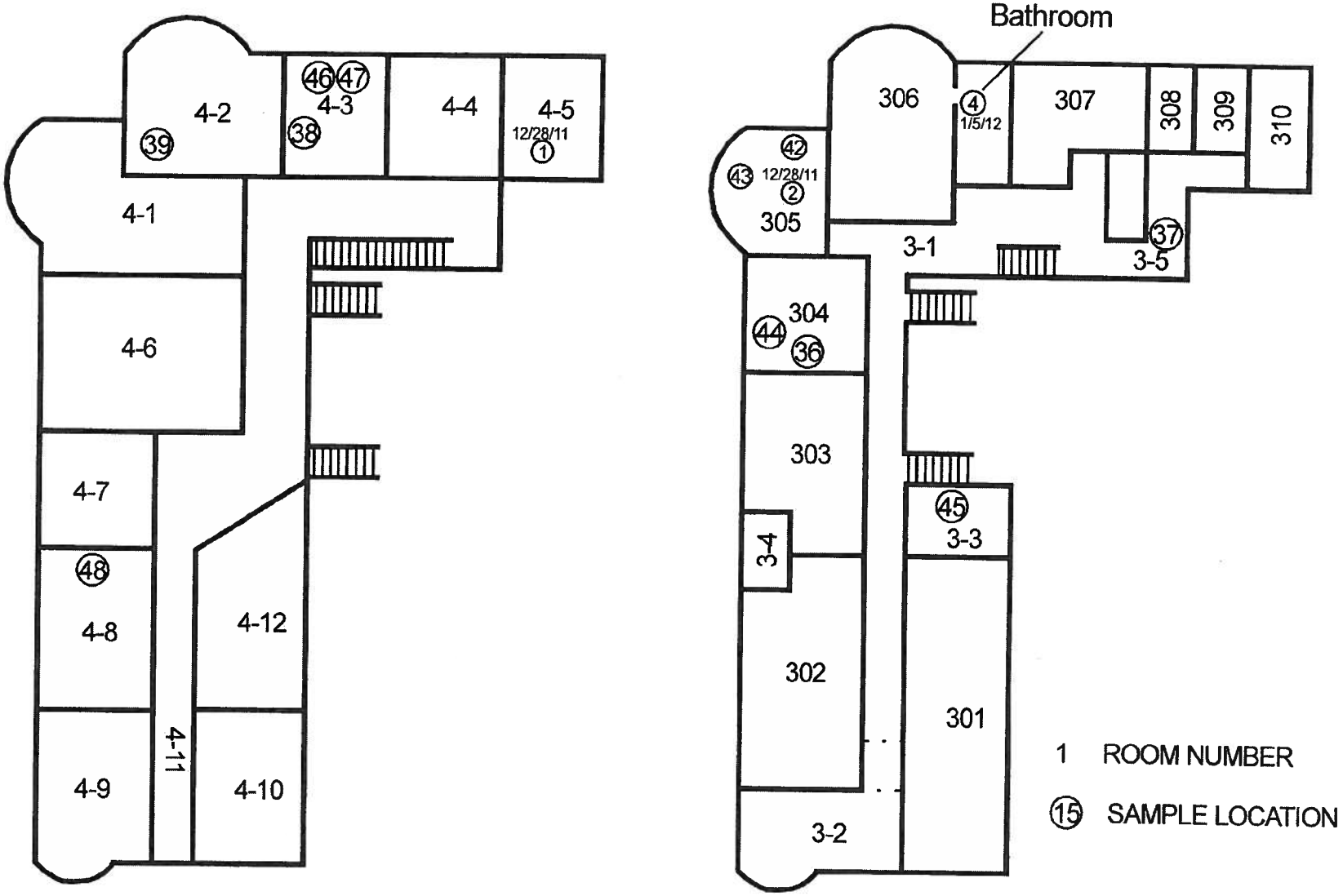


Figure 2

Air, Land and Water Engineering, Inc.

10017 Hackberry Lane
Suite 10
Columbia, MD 21046
410-997-0395

SUBJECT SITE: 10231 Carroll Place
Historic House, 2nd and 3rd Floors
ALWE JOB NO. 11-1931
SAMPLE LOCATION MAP

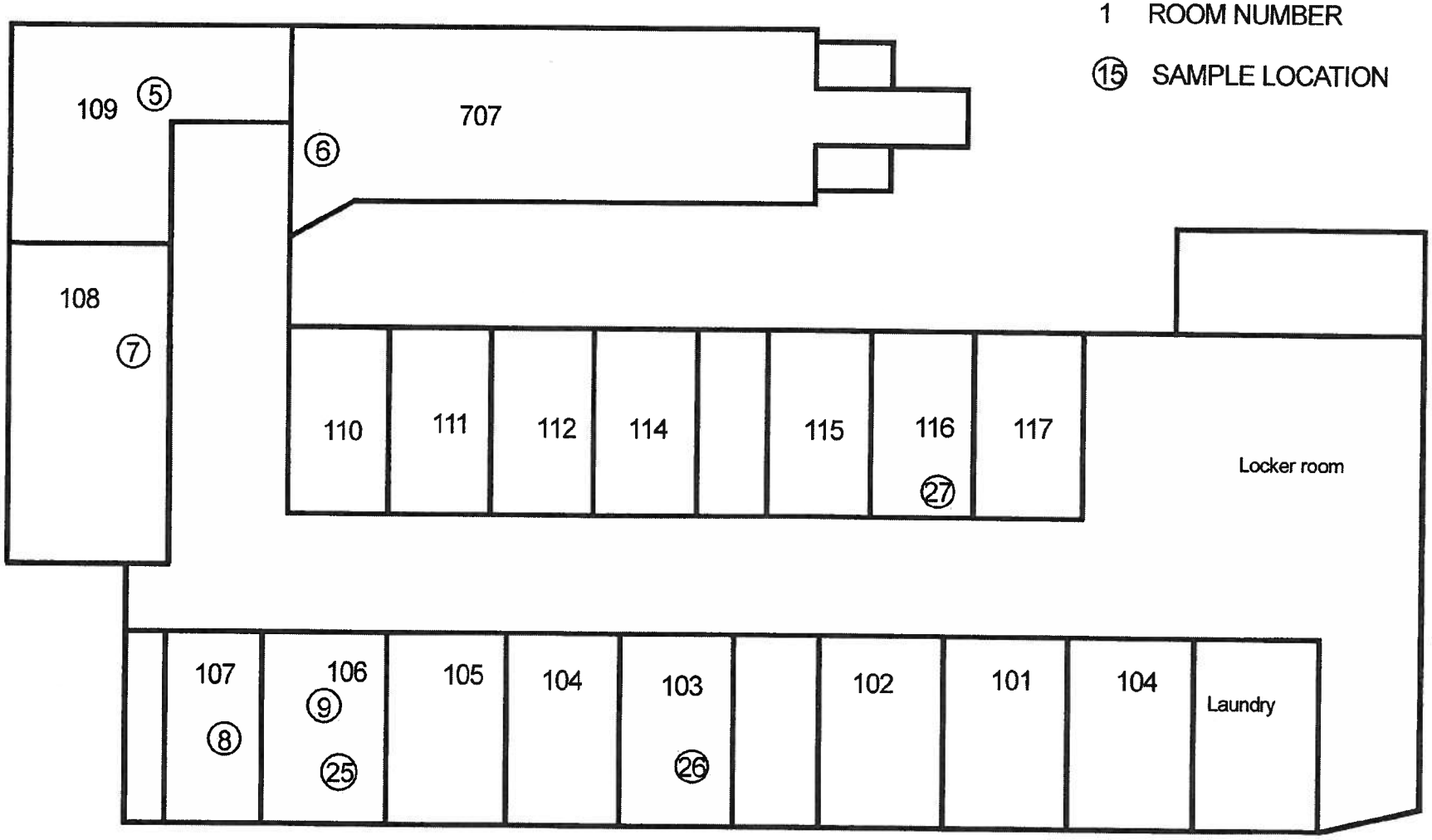


Figure 3

Air, Land and Water Engineering, Inc.
10017 Hackberry Lane
Suite 10
Columbia, MD 21046
410-997-0395

SUBJECT SITE: 10231 Carrol
Nursing Building 1st Floor (Basement)
ALWE JOB NO. 11-1931
SAMPLE LOCATION MAP

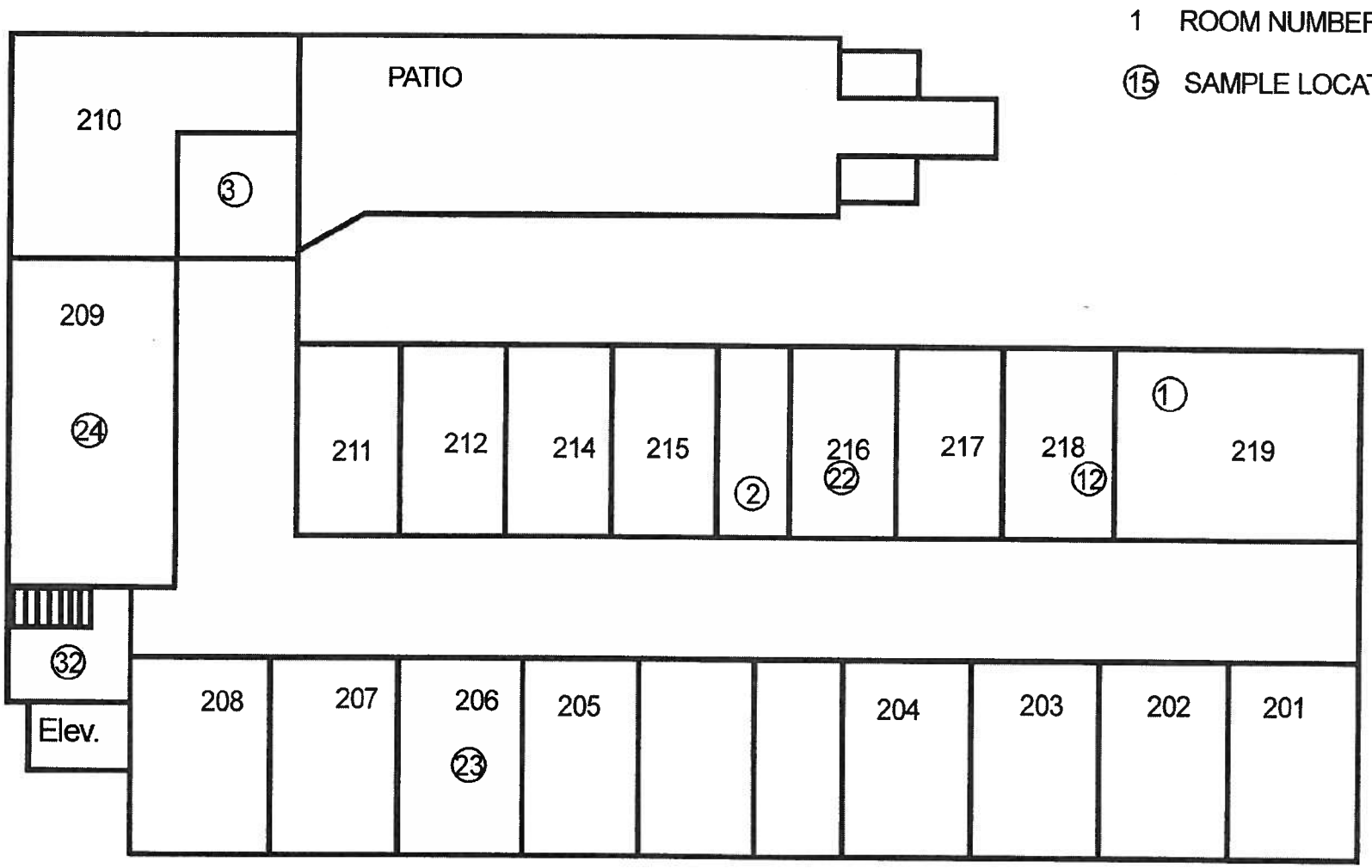


Figure 4

Air, Land and Water Engineering, Inc.

10017 Hackberry Lane
Suite 10
Columbia, MD 21046
410-997-0395

SUBJECT SITE: 10231 Carroll Place
Nursing Building, 2nd Floor
ALWE JOB NO. 11-1931
SAMPLE LOCATION MAP

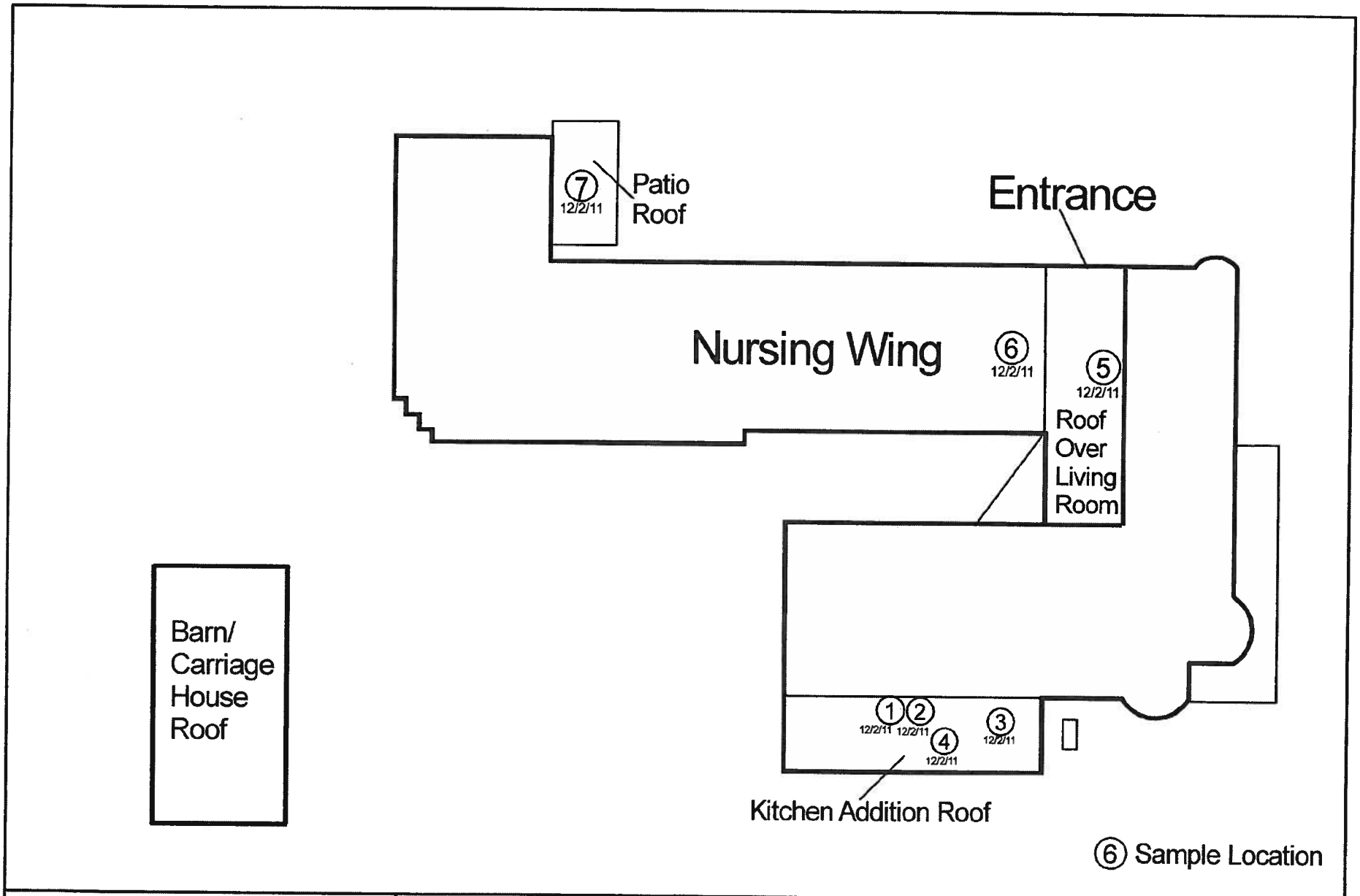


Figure 5

Air, Land and Water Engineering, Inc.

10017 Hackberry Lane
Suite 10
Columbia, MD 21046
410-997-0395

SUBJECT SITE: 10231Carroll Place
Roof
ALWE JOB NO. 11-1931
SAMPLE LOCATION MAP

APPENDIX C
LEAD BASED PAINT XRF RESULTS

XRF Data Sheet Interpretations

The following definitions will aid in interpreting the specific columns of information located in the XRF Lead-Based Paint Inspection Data sheets:

Column #1 - "Wall": Each component tested is reported by a wall code of A, B, C, D, or N/A. A component is described with a wall code of "A" if it is located on the closest wall with the same orientation as the wall containing the front door of the property. Components are assigned a letter B, C, or D in a clockwise manner based on the location of wall A. When multiple components of the same type within a room, common area or exterior site are tested, testing shall proceed from left to right, when facing the component, with each unit assigned a number, such as 1,2,3, etc...(e.g. A^1 window is the first window on the left side on the A wall. B^2 window sill is the second window sill from the left on the B wall.) If only one item is present, no additional numbering is required.

Column #2 -"Lead (mg/cm^2)": This is the XRF reading column given in units of milligrams per square centimeter (mg/cm^2) and is recorded onto the data sheets directly from the XRF analyzer after each test. A negative number sometimes exists because of the nature of the algorithmic substrate correction features of the spectrum analyzer. This is not meant to be interpreted as a "negative" amount of lead, but rather an effect from the density of the substrate on the detectable amount of excited lead electron particles, if any, that can be associated with the components reading.

Column #3 -Classification of Readings

Each XRF test is classified as positive, negative, or inconclusive based on the following ranges according to the Performance Characteristic sheet for an RMD LPA-1 using the "quick" mode and in accordance with the Maryland standard of >0.7 mg/cm2.

For brick, concrete, drywall, plaster, and wood substrates:

Negative (N)	**Positive (P)**
≤ 0.7 mg/cm^2	≥ 0.8 mg/cm^2

For metal substrates:

Negative (N)	**Positive (P)**	**Inconclusive (I)**
≤ 0.7 mg/cm^2	≥ 1.1 mg/cm^2	0.8-1.0 mg/cm^2

Column #4 – Paint Condition

I = Intact
F = Fair
P = Poor

XRF Lead-Based Paint Inspection Data Sheet - Exterior

Client: Air Land Water Env. Address: 10231 Carroll Place – Original Sect. Date: 6/26/2007

A wall: Building Front

door	A	>9.9	P		C	>9.9	P																
door jamb		>9.9	P			N/A																	
door casing		>9.9	P			>9.9	P																
door transom																							
door threshold		3.9	P																				
A wall	A	6.5	P																				
B wall	B	8.7	P																				
C wall																							
D wall	D	4.9	P																				
foundation																							
shutters																							
porch ceiling	A	0.3	N		B	>9.9	P																
porch post	A'	>9.9	P																				
porch railing	A	>9.9	P		D	0.2	N																
porch floor																							
porch header	A	>9.9	P																				
soffit																							
stair system	C	0.2	N																				
handrail																							
downspout	B	2.2	P																				
window casing																							
window sash	A²	3.1	P		B'	2.9	P																
↓ Sill		4.6	P			3.9	P																
↓ Casing		5.3	P			4.2	P																

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Stairs

Client: AIR, LAND AND WATER ENG. Address: 10231 CARROL PLACE - ORIGINAL SECT. Date: 6.26.07

A WALL : BUILDING FRONT

	MAIN STAIR TO 2ND FL.				B-SIDE STAIR to 3RD FL				D-SIDE STAIR to 3RD FL			
door	A	0.1	N		A	0.2	N		A	0.1	N	
door jamb		0.0	↓			0.1	↓			0.0	↓	
door casing		0.1	↓			0.1	↓			0.1	↓	
door transom												
door threshold												
A wall												
B wall	B	1.6	P		B	0.1	N		A	0.2	N	
C wall									B	0.1	↓	
D wall	D	1.9	P		D	0.2	N		C	0.2		
ceiling					N	0.1	↓		D	0.1		
tread	N	Carpet			N	Carpet			N	0.1	↓	
riser	N	↓			N	↓			N	Carpet		
stringer	B	>9.9	P		D	>9.9	P		N	↓		
newel post	N	0.0	N		N	1.6	P		D	>9.9	P	
baluster	N	3.9	P		B	9.2	P		N	0.1	N	
handrail	N	0.0	N		B	0.1	N		N	>9.9	P	
baseboard												
floor joist									C	>9.9	P	
shelf												
shelf support												
landing												
WIN. CASING	C	0.0	N		D'	2.9	P		C	3.9	P	
SASH						4.1	P			6.2	P	
WAINSCOTING	D	>9.9	P									

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Page 1

Client: Air, Land, and Water

Address: 10231 Carroll Place - Original Sect.

Date: 6/26/2007

A WALL : Building Front

	Rm. 1				Rm 2				Rm 3				Rm 4				Rm 5			
door	D	0.1	N		D	0.0	N		A	0.1	N						A	0.3	N	
door jamb		0.0				0.2				0.0			D	0.1	N			0.1		
door casing		0.2				0.1				0.2				0.0				0.1		
door transom		0.1																		
door threshold																				
window sash	C1	0.0							C	0.1			D	0.2			B2	0.0		
windowsill		0.2								0.0				0.1				0.1		
window casing		0.1												0.1				0.0		
baseboard					B	0.1														
chair rail																				
crown molding	A	0.1											A	0.1						
floor																				
A wall	A	0.1			A	0.1			A	0.0			A	0.0			A	0.0		
B wall	B	0.3			B	0.0			B	0.1			B	0.2			B	0.2		
C wall	C	0.1			C	0.2			C	0.0			C	0.1			C	0.1		
D wall	D	0.1			D	0.1			D	0.2			D	0.1			D	0.1		
ceiling	N	0.0			N	0.0			N	0.1			N	0.1			N	0.1		
closet door	A	0.1																		
closet door jamb		0.0																		
closet door casing		0.2																		
closet shelf																				
closet shelf support																				
cabinet																				
radiator					B	0.1			A	3.6	P									
pipe																				
duct																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Client: Air, Land, and Water

Address: 10231 Carroll Place - Original Sect.

Date: 6/26/2007

A WALL : Building Front

	Rm 6			Rm 7			Rm 8			Rm 9			Rm 10		
door	C	0.1	N	A	0.1	N	D	0.0	N	A	>9.9	P	D	0.0	N
door jamb		0.0	↓		0.0	↓		0.2	↓		>9.9	P		>9.9	P
door casing		0.1			0.2			0.1			>9.9	P		>9.9	P
door transom															
door threshold															
window sash	D	0.1		B	6.2	P	B3	4.9	P	A	>9.9	P	A1	>9.9	P
windowsill		0.0			6.9	P		3.3	P		>9.9	P		>9.9	P
window casing		0.2			1.9	P		4.4	P		>9.9	P		8.7	P
baseboard				C	6.1	P	D	>9.9	P				A	>9.9	P
chair rail															
crown molding															
floor															
A wall	A	0.1		A	0.1	N	A	3.1	P	A	0.1	N	A	3.5	P
B wall	B	0.0		B	1.4	P	B	4.6	P	B	0.0	↓	B	2.5	P
C wall	C	0.2		C	3.1	P	C	5.9	P	C	0.2		C	0.1	N
D wall	D	0.1		D	3.9	P	D	0.2	N	D	0.1		D	1.8	P
ceiling	N	0.1		N	TILE	N	N	0.0	N	N	0.0	↓	N	0.0	N
closet door															
closet door jamb			↓												
closet door casing															
closet shelf															
closet shelf support															
~~ceiling~~ Column															
radiator										C1	>9.9	P			
pipe													A	2.1	P
duct															
Mantle															
Wainscoting										D	>9.9	P	C	>9.9	P
										A	>9.9	P			

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 3

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL Sect.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 11			Rm 12			Rm 13			Rm 14			Rm 15		
door	B	U/P	N	B	U/P	N	B	U/P	N	C	0.1	N	B	0.1	N
door jamb		0.0	↓		0.0	↓		0.1	↓		79.9	P		4.9	P
door casing		0.0			0.1			0.0			9.2	P		5.6	P
door transom															
door threshold															
window sash				A'	16.2	P				A	79.9	P	D'	4.6	P
windowsill					4.9	P					0.1	N		5.9	P
window casing					4.1	P					0.3	N		1.2	P
baseboard													C	1.9	P
chair rail															
crown molding															
floor															
A wall	A	0.1		A	0.1	N	A	0.1	N	A	0.0	N	A	0.1	N
B wall	B	0.0		B	0.0	↓	B	0.1	↓	B	0.1	↓	B	0.0	↓
C wall	C	0.2		C	0.2		C	0.0		C	0.0		C	0.2	
D wall	D	0.1		D	0.1		D	0.2		D	0.2		D	0.1	
ceiling	N	0.1	↓	N	0.1	↓	N	TILE	↓	N	0.1	↓	N	0.1	↓
closet door															
closet door jamb			↓												
closet door casing															
closet shelf															
closet shelf support															
cabinet															
radiator															
pipe															
duct													A'	0.3	N
POST BEAM				Z	0.1	N									
WAINSCOTING				D	6.3	P									

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECT.

Date: 6/26/2007

A WALL : BUILDING FRONT

2ND FL →

	Rm. 16				Hall Adjacent to 304				Rm 301				Rm 3-3				Rm 3-2			
door																				
door jamb	C	>9.9	P						A	0.1	N		A	>9.9	P					
door casing		>9.9	P							6.2	P			>9.9	P		B	9.2	P	
door transom										9.1	P			>9.9	P			8.9	P	
door threshold																				
window sash																				
windowsill									C3	0.1	N		C	>9.9	P		D'	>9.9	P	
window casing										0.0	↓			8.7	P			>9.9	P	
baseboard	A	0.1	N		C	8.1	P			0.1				9.1	P			>9.9	P	
chair rail									C	0.3	↓		B	>9.9	P		D	>9.9	P	
crown molding																				
floor																				
A wall	A	0.0	N		A	0.0	N		A	0.0	N		A	0.0	N		A	0.1	N	
B wall	B	0.1	↓		B	0.2	↓		B	0.1	↓		B	0.1	↓		B	0.0	↓	
C wall	C	0.0			C	0.1			C	0.0			C	0.1			C	0.2		
D wall	D	0.2			D	0.1			D	0.2			D	0.2			D	0.1		
ceiling	N	0.1			N	0.1			N	0.1			N	0.1			N	0.1		
closet door																				
closet door jamb																				
closet door casing																				
closet shelf																				
closet shelf support																				
cabinet																				
radiator																				
pipe									C	0.4	N						A	1.9	P	
duct																	C	0.3	N	
WAINSCOTING	D	4.9	P																	

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Page 5

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECT.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 302 →							Rm. 3-4				Rm 303				Rm 304			
door					C	0.0	N	D	>9.9	P		C	0.1	N		C	0.1	N	
door jamb	B	>9.9	P			0.1	↓		>9.9	P			0.0	↓			0.0	↓	
door casing		>9.9	P			0.1	↓		>9.9	P			0.2	↓			0.2	↓	
door transom																			
door threshold																			
window sash	A	>9.9	P					A	7.6	P		A'	>9.9	P		A2	>9.9	P	
windowsill		9.1	P						>9.9	P			>9.9	P			>9.9	↓	
window casing		8.3	P						8.7	P			8.6	P			>9.9	↓	
baseboard	D	7.2	P					C	>9.9	P		A	4.9	P		D	9.4	↓	
chair rail																			
crown molding																			
floor																			
A wall	A	0.1	N					A	0.0	N		A	6.2	P		A	3.2	P	
B wall	B	0.0	↓					B	0.1	↓		B	4.9	P		B	4.9	P	
C wall	C	0.1	↓					C	0.0	↓		C	0.1	N		C	0.1	N	
D wall	D	0.0	↓					D	0.1	↓		D	3.2	P		D	4.1	P	
ceiling	N	0.2	↓					N	0.1	↓		N	0.1	N		N	0.2	N	
closet door												D	4.9	P					
closet door jamb													6.3	P					
closet door casing													5.1	P					
closet shelf													4.1	P					
closet shelf support													5.7	P		A	6.2	P	
cabinet	A	0.1	N																
radiator								A	0.1	N									
pipe																			
duct																			

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECT.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 305				Rm 306				Rm 306 BATH				Rm 3-5				Rm 307			
door	C	0.1	N		D	0.1	N		A	>9.9	P		C	0.1	N		D	0.1	N	
door jamb		>9.9	P			>9.9	P			>9.9	P			0.0	↓			9.1	P	
door casing		2.1	P			>9.9	P			>9.9	P			0.1	↓			>9.9	P	
door transom																				
door threshold																				
window sash	B	>9.9	P		B 3	>9.9	P		D	>9.9	P		D'	>9.9	P		B	>9.9	P	
windowsill		7.4	P			>9.9	P			>9.9	P			>9.9	P			>9.9	P	
window casing		8.1	P			>9.9	P			4.6	P			>9.9	P			>9.9	P	
baseboard	D	>9.9	P		B	>9.9	P		B	>9.9	P		C	0.1	P		B	>9.9	P	
chair rail																				
crown molding																				
floor																				
A wall	A	4.1	P		A	4.9	P		A	0.0	N		A	0.1	N		A	0.2	N	
B wall	B	3.6	P		B	5.2	P		B	0.1	↓		B	0.0	↓		B	0.1	↓	
C wall	C	2.6	P		C	4.1	P		C	0.0	↓		C	0.2	↓		C	0.1	↓	
D wall	D	4.1	P		D	4.6	P		D	0.2	↓		D	0.1	↓		D	0.0	↓	
ceiling	N	0.1	N		N	0.1	N		N	0.1	↓		N	0.1	↓		N	0.1	↓	
closet door	D	3.9	P										A	0.1	↓		C	0.1	↓	
closet door jamb		4.1	P											>9.9	P			0.0	↓	
closet door casing		3.6	P											8.7	P			0.2	↓	
closet shelf		>9.9	P											1.6	P			0.1	↓	
closet shelf support		9.1	P											1.7	P			0.1	↓	
cabinet																				
radiator													B	3.6	P					
pipe																				
duct																				
MANTLE					A	>9.9	P													

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 7

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECT.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 307 BATH				Rm 308				Rm 309				Rm 310				Hall ADJACENT to 310			
door	A	79.9	P		D	0.1	N		D	0.1	N		A	0.1	N					
door jamb		79.9	P			0.0				0.0				0.0						
door casing		79.9	P			0.1				0.2				0.1						
door transom																				
door threshold																				
window sash					B'	0.0			B'	0.0			C'	0.0			D'	0.0	N	
windowsill						0.2				0.1				0.1				0.2		
window casing						0.1				0.0				0.1				0.1		
baseboard	C	79.9	P		C	0.2			C	0.1			C	0.1			D	0.1		
chair rail									C	0.0			A	0.0						
crown molding																				
floor																				
A wall	A	0.1	N		A	0.2			A	0.0			A	0.3			A	0.0		
B wall	B	0.0			B	0.1			B	0.1			B	0.1			B	0.1		
C wall	C	0.1			C	0.1			C	0.0			C	0.1			C	0.0		
D wall	D	0.0			D	0.0			D	0.1			D	0.2			D	0.2		
ceiling	N	0.1			N	0.1			N	0.1			N	0.1			N	0.1		
closet door					A	0.0														
closet door jamb						0.1														
closet door casing						0.0														
closet shelf						0.1														
closet shelf support						0.1														
cabinet																				
radiator																				
pipe									B	0.2			C	0.2						
duct																	B	0.1		

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Page 8

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECTION

Date: 6/26/2007

A WALL : BUILDING FRONT

3rd room →

	Rm 4-3				Rm 4-4				Rm 4-5				Rm 4-2				Rm 4-1			
door	D	6.2	P		D	8.1	P		A	0.1	N		D	6.7	P		C	>9.9	P	
door jamb		7.4	P			6.1	P			0.0	↓			8.9	P			6.2	P	
door casing		1.8	P			7.2	P			0.1				4.1	P			1.9	P	
door transom																				
door threshold																				
window sash	B	4.3	P		B	7.9	P						B'	7.2	P		A'	3.8	P	
windowsill		5.9	P			9.3	P		D	0.1	N			8.3	P			4.2	P	
window casing		6.2	P			8.7	P			0.0	↓			4.9	P			9.1	P	
baseboard	C	4.1	P		D	4.9	P						A	1.9	P		D	4.1	P	
chair rail	A	3.1	P																	
crown molding																				
floor																				
A wall	A	0.1	N		A	1.6	P		N	>9.9	P									
B wall	B	0.0	↓		B	1.9	P		A	0.0	N		A	0.0	N		A	0.0	N	
C wall	C	0.1			C	1.9	P		B	0.1			B	0.2	↓		B	0.1	↓	
D wall	D	0.0			D	1.1	P		C	0.0			C	0.1			C	0.0		
ceiling	N	0.1	↓		N	1.4	P		D	0.2			D	0.1			D	0.1		
closet door					D	4.3	P		N	0.1			N	0.1	↓		N	0.1	↓	
closet door jamb						1.8	P		D	0.1										
closet door casing						1.9	P			0.0										
closet shelf						2.1	P			0.1	↓									
closet shelf support						2.2	P													
cabinet																				
radiator	B	1.9	P																	
pipe					C	2.3	P													
duct																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Rec 9

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL Sect.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 4-7				Rm 4-12				Rm 4-10				Rm 4-9				Hall ADJACENT to 4-1			
door	C	0.1	N		A	0.1	N		A	0.1	N		C	0.1	N		D	6.2	P	
door jamb		0.0				0.0				0.0				0.0				4.8	P	
door casing		0.2				0.1				0.1				0.2				9.2	P	
door transom																				
door threshold																				
window sash	A	0.1			C	0.0			D	0.1			D	0.1						
windowsill		0.0				0.1				0.0				0.2						
window casing		0.2				0.0				0.2				0.1						
baseboard	B	0.1			B	0.1			D	0.1			D	0.1			B	79.9	P	
chair rail																				
crown molding																				
floor					N	79.9	P		N	79.9	P		N	79.9	P					
A wall	A	0.0			A	0.0	N		A	0.1	N		A	0.0	N		A	0.1	N	
B wall	B	0.1			B	0.1			B	0.0			B	0.1			B	0.0		
C wall	C	0.0			C	0.0			C	0.0			C	0.0			C	0.1		
D wall	D	0.2			D	0.2			D	0.1			D	0.1			D	0.0		
ceiling	N	0.1			N	0.1			N	0.0			N	0.1			N	0.2		
closet door																				
closet door jamb																				
closet door casing																				
closet shelf																				
closet shelf support																				
cabinet																				
radiator																				
pipe																				
duct																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - ORIGINAL SECT.

Date: 6/26/2007

A WALL : BUILDING FRONT

	Rm 4-6				Rm 4-6 BATH				Rm 4-7				Hall			
door	D	2.9	P		C	7.2	P		B	3.7	P		B	6.2	P	
door jamb		6.1	P			9.0	P			4.9	P			8.1	P	
door casing		9.2	P			4.2	P			5.1	P			9.1	P	
door transom																
door threshold																
window sash	C	>9.9	P		A	>9.9	P		A	>9.9	P		D	>.2	P	
windowsill		8.9	P			>9.9	P			>9.9	P			4.1	P	
window casing		9.1	P			>9.9	P			8.3	P			5.6	P	
baseboard	C	4.1	P		A	7.1	P		A	4.6	P		A	0.1	N	
chair rail																
crown molding																
floor																
A wall	A	0.1	N		A	0.1	N		A	0.1	N		A	0.0	N	
B wall	B	0.0	|		B	0.0	|		B	0.0	|		B	0.1	|	
C wall	C	0.1	|		C	0.2	|		C	0.1	|		C	0.0	|	
D wall	D	0.0	|		D	0.1	|		D	0.0	|		D	0.1	|	
ceiling	N	0.2	↓		N	0.1	↓		N	0.1	↓		N	0.1	↓		
closet door	B	4.2	P													
closet door jamb		1.8	P													
closet door casing		1.9	P													
closet shelf																
closet shelf support																
cabinet																
radiator	A	1.6	P													
pipe																
duct																

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Stairs

Client: AIR, LAND AND WATER ENG. Address: 10231 CARROLL PLACE – NURSING HOME Date: 6.26.07

	STAIR																			
door	A	0.1	N																	
door jamb		0.0	↓																	
door casing		0.2	↓																	
door transom																				
door threshold																				
A wall	A	0.1	N																	
B wall	B	0.1	↓																	
C wall	C	0.0	↓																	
D wall	D	0.2	↓																	
ceiling	N	0.1	↓																	
tread	N	VINYL	↓																	
riser	N	0.4	N																	
stringer	D	1.9	P	I																
newel post	N	1.7	P	I																
baluster																				
handrail	N	0.1	N																	
baseboard	A	0.0	N																	
floor joist																				
shelf																				
shelf support																				
landing																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = Intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Exterior

Client: Air Land Water Eng. Address: 10231 Carroll Place - Nursing Home Date: 6/26/2007

A wall : Building Front

door	A	0.1	N		B	0.1	N		C	0.0	N											
door jamb		N/A				N/A				N/A												
door casing		0.2	N			3.7	P	F		2.9	P	F										
door transom																						
door threshold																						
A wall	A	0.1	N																			
B wall	B	0.0	↓																			
C wall	C	0.1																				
D wall	D	0.0	↓																			
foundation																						
shutters																						
porch ceiling																						
porch post																						
porch railing																						
porch floor																						
porch header																						
soffit																						
stair system	C	0.1	N																			
handrail																						
downspout																						
window casing																						
window sash	B'	0.0	N		D'	0.1	N															
↓ SILL						0.0	↓															
↓ CASING		0.1	N			0.1																

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 1

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

2ND LEVEL →

	Rm 203 BATH				Rm 216				SHOWER Rm.				NURSE OFFICE				Rm 206			
door	C	0.1	N		B	0.1	N		D	0.1	N		B	0.1	N		D	0.1	N	
door jamb		0.1				0.0				0.0				0.0				0.0		
door casing		0.0				0.1				0.1				0.1				0.1		
door transom																				
door threshold																				
window sash					D'	0.0			D	0.0			D3	0.1			D1	0.0		
windowsill						0.1				0.0				0.0				0.1		
window casing						0.1				0.1				0.1				0.1		
baseboard																				
chair rail																				
crown molding																				
floor																				
A wall	A	0.2			A	0.1			A	0.1			A	0.1			A	0.1		
B wall	B	0.1			B	0.0			B	0.0			B	0.0			B	0.0		
C wall	C	0.1			C	0.1			C	0.0			C	0.0			C	0.2		
D wall	D	0.0			D	0.0			D	0.1			D	0.1			D	0.1		
ceiling	N	0.1			N	0.1			N	0.1			N	0.2			N	0.1		
closet door					A	0.1											A	0.1		
closet door jamb						0.0												0.0		
closet door casing						0.2												0.2		
closet shelf						0.1												0.1		
closet shelf support						0.1												0.1		
cabinet									A	0.1										
radiator									B	0.0			D	0.1			B	0.1		
pipe																				
duct																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Page 2

Client: Air, Land, and Water

Address: 10231 Carroll Place - Nursing Home

Date: 6/26/2007

A WALL : Building Front

2nd Level

	Rm 212				Rm. Lil. Bath				Rm. 208				Rm 209				Hall Adj. to Rm 210			
door	B	0.1	N		A	0.0	N		D	0.1	N		A	0.1	N		A	0.1	N	
door jamb		0.0				0.2				0.0				0.0				0.0		
door casing		0.1				0.1				0.2				0.2				0.1		
door transom																				
door threshold																				
window sash	D[2]	0.0							B[3]	0.1			C[1]	0.2						
windowsill		0.1								0.0				0.1						
window casing		0.2								0.2				0.0						
baseboard																				
chair rail																				
crown molding																				
floor																				
A wall	A	0.1			A	0.0			A	0.1			A	0.1			A	0.1		
B wall	B	0.0			B	0.2			B	0.1			B	0.0			B	N/c		
C wall	C	0.0			C	0.1			C	0.0			C	0.2			C	0.0		
D wall	D	0.2			D	0.0			D	0.2			D	0.1			D	0.1		
ceiling	N	0.1			N	0.1			N	0.1			N	0.1			N	0.0		
closet door	C	0.1											D[2]	0.0			C	0.2		
closet door jamb		0.0												0.2				0.1		
closet door casing		0.2												0.1				0.0		
closet shelf		0.1												0.0				0.1		
closet shelf support		0.1												0.1				0.1		
cabinet																				
radiator	D	0.2							B	0.3			C	0.1						
pipe																				
duct																				

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 3

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

2ND LEVEL →

	Rm. 219				Rm 219 BATH				Hall				Rm 201				Rm 203			
door	B	0.1	N		A	0.1	N		A	0.1	N		D	0.0	N		D	0.1	N	
door jamb		0.0				0.0				0.0				0.0				0.0		
door casing		0.1				0.0				0.1				0.2				0.2		
door transom																				
door threshold																				
window sash	D'	0.0																		
windowsill		0.1											B2	0.1			B3	0.1		
window casing		0.0												0.1				0.0		
baseboard														0.3				0.2		
chair rail									B	0.1										
crown molding																				
floor																				
A wall	A	0.0			A	0.0			A	0.1			A	0.1			A	0.1		
B wall	B	0.1			B	0.2			B	0.0			B	0.0			B	0.0		
C wall	C	0.0			C	0.1			C	0.1			C	0.1			C	0.2		
D wall	D	0.2			D	0.1			P	0.0			D	0.2			D	0.0		
ceiling	N	0.1			N	0.1			N	0.2			N	0.0			N	0.1		
closet door	C	0.1							B'	0.0			C	0.1			C	0.1		
closet door jamb		0.0								0.1				0.1				0.0		
closet door casing		0.2								0.1				0.0				0.2		
closet shelf		0.1																		
closet shelf support		0.1																		
cabinet																				
radiator	D	0.1																		
pipe													B	0.2			B	0.3		
duct																				
FLOOR									N	0.1										

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 3

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

2ND LEVEL →

	RM. 219				RM 219 BATH				HALL				RM 201				RM 203			
door	B	0.1	N		A	0.1	N		A	0.1	N		D	0.0	N		D	0.1	N	
door jamb		0.0				0.0				0.0				0.0				0.0		
door casing		0.1				0.0				0.1				0.2				0.2		
door transom																				
door threshold																				
window sash	D1	0.0																		
windowsill		0.1											B2	0.1			B3	0.1		
window casing		0.0												0.1				0.0		
baseboard														0.3				0.2		
chair rail																				
crown molding									B	0.1										
floor																				
A wall	A	0.0			A	0.0			A	0.1			A	0.1			A	0.1		
B wall	B	0.1			B	0.2			B	0.0			B	0.0			B	0.0		
C wall	C	0.0			C	0.1			C	0.1			C	0.1			C	0.2		
D wall	D	0.2			D	0.1			D	0.0			D	0.2			D	0.0		
ceiling	N	0.1			N	0.1			N	0.2			N	0.0			N	0.1		
closet door	C	0.1							B1	0.0			C	0.1			<	0.1		
closet door jamb		0.0								0.1				0.1				0.0		
closet door casing		0.2								0.1				0.0				0.2		
closet shelf		0.1																		
closet shelf support		0.1																		
cabinet																				
radiator	D	0.1																		
pipe													B	0.2			B	0.3		
duct																				
FLOOR									N	0.1										

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 4

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE - NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

2ND LEVEL — 1ST LEVEL →

	Rm 210				REAR HALL				Rm 108				Rm 108 BATH				Rm 109			
door	B	0.1	N		B	0.1	N		A	0.1	N		D	0.1	N		B	0.1	N	
door jamb		0.1				0.0				0.0				0.1				0.0		
door casing		0.0				0.2				0.2				0.2				0.2		
door transom																				
door threshold																				
window sash	D3	0.3			C	0.2			C1	0.0							D3	0.2		
windowsill		0.1				0.1				0.2								0.1		
window casing		0.1				0.1				0.1								0.1		
baseboard					B	0.2														
chair rail																				
crown molding																				
floor																				
A wall	A	0.1			A	0.1			A	0.2			A	0.1			A	0.1		
B wall	B	0.0			B	0.1			B	0.1			B	0.0			B	0.0		
C wall	C	0.1			C	0.1			C	0.0			C	0.1			C	0.0		
D wall	D	0.0			D	0.0			D	0.1			D	0.2			D	0.2		
ceiling	N	0.2			N	0.0			N	0.2			N	0.1			N	0.1		
closet door	C	0.1							A	0.1							B1	0.0		
closet door jamb		0.1								0.0								0.2		
closet door casing		0.0								0.1								0.1		
closet shelf		0.2								0.0								0.1		
closet shelf support		0.1								0.1								0.1		
cabinet																				
radiator	D	0.2																		
pipe																				
duct																				
ELEVATOR DOOR ↓ CASING					B	0.1														
						0.0														

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

PAGE 5

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE – NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

1ST LEVEL →

	Rm. 111			Rm. 104			Rm 104 BATH			LOCKER Rm			LAUNDRY		
door	B	0.2	N	D	0.0	N	A	0.0	N	B	0.0	N	A	0.0	N
door jamb		0.1			0.1			0.2			0.1			0.2	
door casing		0.1			0.2			0.1			0.1			0.1	
door transom															
door threshold															
window sash	D'	0.0		B'	0.0					D	0.2		B	0.1	
windowsill		0.2			0.1						0.1			0.0	
window casing		0.1			0.0						0.1			0.2	
baseboard															
chair rail															
crown molding															
floor										N	0.1		N	0.0	
A wall	A	0.1		A	0.1		A	0.1		A	0.0		A	0.0	
B wall	B	0.0		B	0.0		B	0.0		B	0.2		B	0.2	
C wall	C	0.2		C	0.2		C	0.2		C	0.1		C	0.1	
D wall	D	0.1		D	0.1		D	0.0		D	0.0		D	0.1	
ceiling	N	0.0		N	0.3		N	0.1		N	0.1		N	0.1	
closet door	D	0.0		C	0.1										
closet door jamb		0.2			0.0										
closet door casing		0.1			0.2										
closet shelf		0.0			0.1										
closet shelf support		0.1			0.0										
cabinet															
radiator	D	0.1								D	0.3				
pipe															
duct															

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

XRF Lead-Based Paint Inspection Data Sheet - Interior Rooms

Page 6

Client: AIR, LAND, AND WATER

Address: 10231 CARROLL PLACE – NURSING HOME

Date: 6/26/2007

A WALL : BUILDING FRONT

1st LEVEL

	Activities Rm. →							Rm 106			Rm 106 BATH			Rm 110		
door	C	0.2	N		A	0.0	N	D	0.1	N	A	0.2	N	B	0.1	N
door jamb		0.1				N/A			0.0			0.1			0.0	
door casing		0.0				0.1			0.2			0.1			0.2	
door transom																
door threshold																
window sash	D3	0.1														
windowsill		0.0						B1	0.1					D	0.2	
window casing		0.2							0.0						0.1	
baseboard									0.2						0.1	
chair rail																
crown molding																
floor																
A wall	A	0.1						A	0.1		A	0.1		A	0.1	
B wall	B	0.0						B	0.0		B	0.0		B	0.0	
C wall	C	0.2						C	0.2		C	0.2		C	0.1	
D wall	D	0.1						D	0.1		D	0.1		D	0.0	
ceiling	N	TILE						N	0.0		N	0.1		N	0.2	
closet door								C	0.2					C	0.1	
closet door jamb									0.1							
closet door casing									0.0							
closet shelf									0.1							
closet shelf support									0.1							
cabinet																
radiator																
pipe								B	0.1					D	0.1	
duct																

The columns of data within each room are organized as follows: 1st column = wall code; 2nd column = XRF reading; 3rd column = classification of reading; 4th column = paint condition (I = intact; F = fair; P = poor)

EXHIBIT F

Photograph of Historic Foyer (Future Museum)