



JOHN NELSON HOUSE

Minuteman National Historical Park

INTERIOR PAINT STUDY

First and Second Stories

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Historic Architecture Program

Northeast Region, National Park Service

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SCOPE OF WORK

Identification of First Layer of Paint
Color Matched to Munsell Color Notation System
First-floor Rooms 101, 102, 103, 104, 105, 106, 107, and 108

The original Scope of Work for the project was created and signed in October 2009. Although the Scope of Work changed during the course of the project, the following elements of the original Project Agreement for the John Nelson House paint investigation are complete or in progress. The project was initiated as repairs and repainting were undertaken at the John Nelson House with funding provided by the American Recovery Act (ARA). The Park intends to change the use of the building from residential leasing to historical interpretation (first-floor) and office space (second floor). The author of the Scope of work was James Lee, of the Historic Architecture Program (HAP), Northeast Regions, National Park Service. The Scope detailed the project as follows.

The Architectural Conservators will assess both the John Nelson House and Barn for areas that would potentially yield informative paint samples. Based on that assessment, the conservators will extract paint samples from exterior and interior accessible elements of both buildings using an X-acto® knife. In the HAP laboratory in Lowell, MA, all samples will be examined with a Bausch and Lomb "Stereozoom 7" microscope to identify paint layers, determine the sequence of paint application, and identify paint colors. Limited chemical testing will be performed in conjunction with the paint analysis.

Color matches will be performed under microscope to the earliest paint layers found on the substrate of the exterior elements and for the elements of each interior room. Specific paint layers that are representative of the historic finishes will be matched to Munsell Color Notation System¹ color cards.

The information will be provided to the park staff for use in repainting the rooms of the interior. The current paint study will not analyze the building evolution or the chronology of construction. However, future researchers may be able to draw additional conclusions regarding the evolution of the building based on the results of the paint analysis.

All samples taken from the John Nelson House and Barn will be stored at the HAP laboratory in Lowell, MA, and will be available for future research. This project will be undertaken by HAP Architectural Conservators Judi Sullivan and James Lee.

¹ The Munsell Color Notation System is an internationally recognized standard of color measurement that identifies color in terms of three attributes, hue (color), value (lightness/darkness, or degree of white/black mixed in to the color) and chroma (saturation, or intensity of the color).

BRIEF HISTORICAL BACKGROUND

The John Nelson House at Minute Man National Historical Park (MIMA) is a two-story Federal-style brick-end house with painted clapboard siding and low hipped roof. On the east end of the north wall of the 1808 main block is an eighteenth-century kitchen with garret. An attached early-nineteenth-century two-story ell (ca. 1820) adjoins the eighteenth-century kitchen on the west side and an attached one-story wing with a garage bay (ca. 1900) adjoins it on the east side. The building has a granite foundation, brick chimneys, and an asphalt shingle roof. The house is comprised of a central rectangular section with center hall flanked on the northwest and northeast by wood frame wings. A back stair is located between the north wall of the original block and the modern kitchen (Room 107).

The property is named for one of the house's early occupants and one of the key contributors to the design and construction of the main block of the house. The house is situated on a parcel of land south of Nelson Road and north of the North Great Road (Route 2A). The current house and barn are located on part of a parcel purchased in 1772 by John Nelson's father Josiah Nelson, Sr. His son, Josiah Nelson, Jr., constructed the main block of the house in 1808 and attached it to an existing eighteenth-century building.²

The "Historic Structure Assessment Report" (2008) details the following:

Evidence of this construction date [1808] is provided by an itemized bill from Jacob Robinson, a stone mason, to Josiah Nelson, Jr. for work completed from March to November 1808. The bill charges Josiah Nelson, Jr. for tasks on various dates including, "stoning the cellar and splitting and hammering stones," "stoning the cellar and hammering and laying the underpinning," "building the brick ends," and "altering the chimneys in the old house." The description of "brick ends" almost certainly points to the construction the John Nelson House main block. Additionally, the "old house" mentioned in the bill must be the original eighteenth-century structure that was standing prior to the construction of the main block.³

Josiah Nelson Sr. died in 1810 and in 1818 his property was divided among three sons, Josiah Jr., John, and Joshua. The house was divided in two with the west end bequeathed to John and the east end to Josiah, Jr. (Joshua received property north of the current site.) Investigators believe that John Nelson constructed additions to the northwest in circa 1818-1821.⁴ The "Historic Structure Assessment Report" describes the history as follows:

John Nelson married Lucy Viles in May 1820. In 1821, John was assessed \$12 for his half of the house and Josiah Jr. was assessed \$9 for his half. The larger assessment for John in 1821 indicates that during the time between the 1818 and 1821 assessments he may have made significant improvements to his half of the house. The improvements

² James Lee, "Project Agreement. John Nelson House and Barn Paint Analysis," October 2009.

³ John Milner Architects, Inc. "Minute Man National Historical Park, John Nelson House & Barn, Historic Structure Assessment Report," (Chadds Ford, PA: November 2008), p. 2.

⁴ Milner, p. 3.

most likely included the first phase of the two-story northwest wing located to the north and west of the main block. John's addition probably contained two rooms on the first floor and two rooms on the second floor (since altered) which would suitably house his new wife and future family. Since John and Josiah shared joint ownership of the house, most likely the two brothers and their families occupied the house together. . . .The extent to which the residences were separated is unknown since the back stair and central-rear spaces in the northwest wing were significantly altered during the late 19th and early 20th century [sic]⁵

The house resumed single family use in 1859 when John Nelson died and his son George Nelson inherited the west half of the house. George previously (1846) purchased the eastern part of the house from Josiah, Jr.'s heirs. From the late-nineteenth century to the early twentieth century the house was occupied by George Nelson, his wife Abigail, and three children. Alterations to the first- and second -story central-rear spaces of the northwest wing and the addition of the northeast wing were probably made during this time period.⁶ J. Walter Nelson (son of George Nelson) his wife Nellie and son Walter lived in the house during the early twentieth century. The modern kitchen in the first story and the full bathroom in the second story may date to their tenure. Walter Nelson owned and occupied the John Nelson House until he sold the house, barn, and property to MIMA in the 1970s.⁷

⁵ Milner, p. 3.

⁶ Milner, p. 4.

⁷ Milner, p. 4.

METHODOLOGY

A total of 489 samples from the exterior and interior of the John Nelson House were removed, labeled and stored individually in small envelopes. Samples were removed October 2009 by architectural conservators Judith Sullivan and James Lee. 159 samples were taken of the exterior of the house. 328 samples were taken from the interior of the house, 180 from the first story and 148 from the second story. This interim report addresses findings from only the first-story samples of the John Nelson House. Room numbers, as well as door and window numbers, are consistent with the labeling system introduced in the previously mentioned "Historic Structure Assessment Report." Floor plans with room, door and window number assignments are included at the end of this report.

Each sample was removed using an X-acto blade, placed in separate envelopes and carefully labeled. Each sample was assigned a unique three-part number that is used for identification on sample envelopes, petri dishes, sample lists, and throughout this report when specific samples are cited. The three-part number is comprised of: 1) park acronym (MIMA); 2) park structure number (1-111-A); and 3) sample number. Because the sampling began on the exterior, the first interior paint sample number from the first story is MIMA 1-111-A P160. The first 159 samples are from the exterior of the house. Analysis of the exterior samples was underway when the Park determined that they preferred to begin with repainting on the interior of the structure before the exterior. Therefore, the paint samples removed for this interim report begin with MIMA 1-111-A P160.

At the HAP laboratory, samples were mounted in microcrystalline wax in petri dishes. A permanent ink pen was used on each petri dish to document the sample log number. Each sample was examined in cross-section at 10 to 63 times magnification using a stereoscopic microscope. Paint layer colors and sequences (chromochronologies) were recorded. Dirt lines and fractures between layers were also recorded where possible. These elements often help to distinguish a primer coat from a finish coat of paint as well as marking the passage of time between layers.

The earliest finish on the substrate of each representative sample was color matched under magnification to the Munsell Color Notation System. A Munsell color chip is affixed to the report for each architectural element on a room-by-room basis. The color chips may be used to procure modern paints that match these colors.⁸

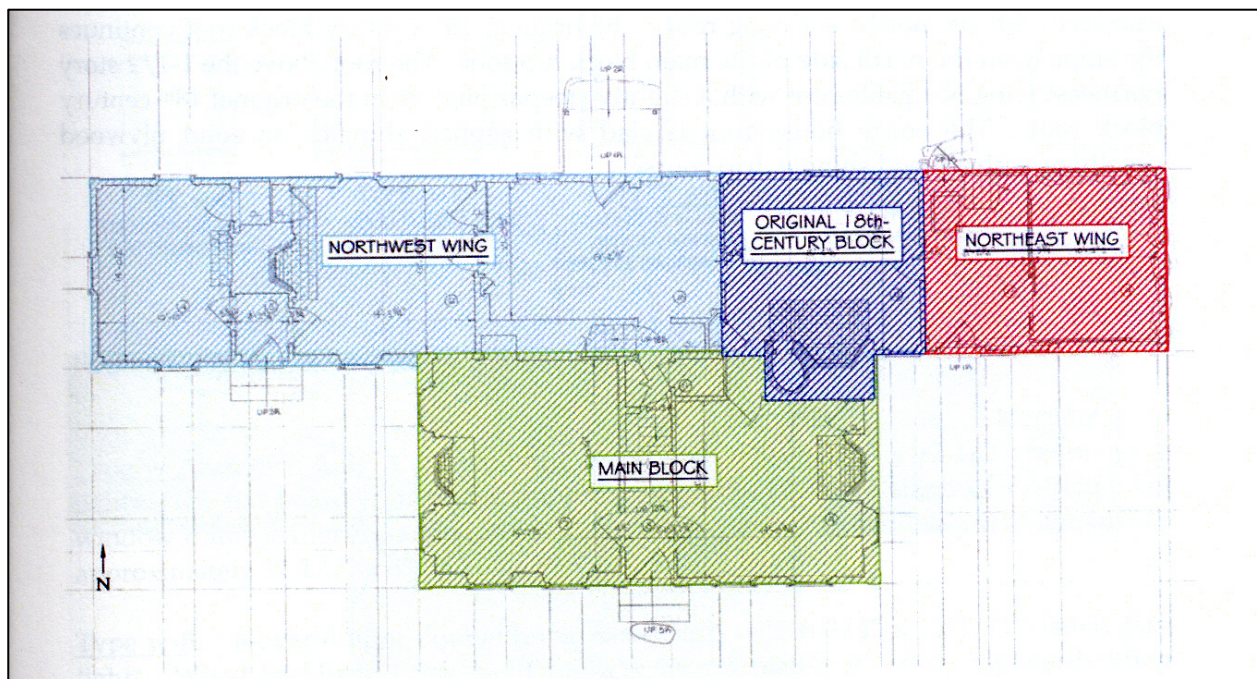
Spot chemical testing to determine paints containing lead was performed on selected samples. Testing consisted of application of a solution of diluted sodium sulfide to several complete stratigraphies. White lead turns brown with application of sodium sulfide. Positive reactions to the sodium sulfide were generally found in all layers of paint with the exception of the top (most recent) two or three finishes.

⁸ Please note that all of the Munsell Color sheets for the first finishes were digitally scanned and entered into a HAP database of colors. Digital Munsell Colors were inserted into the report from the scanned images. However, the quality of the scanned color is not always an exact match to the original. Therefore, when matching Munsell colors to paints for use in projects (i.e. Benjamin Moore), **ALWAYS** use the actual Munsell paint chip affixed to the pages in the report.

Although the scope of this project did not require the report to include stratigraphy charts and comparison of paint layers to determine structural evolution, the chromochronologies of most samples were recorded during the course of the project and are currently in the HAP project file of architectural conservator Judith Q. Sullivan.

No samples were taken from plaster walls. Some rooms are painted on plaster while others are painted on wallpaper. The hallway maintains a twentieth-century wallpaper on the walls of the first and second stories.

General dates are assigned to first finishes according to the conjectured dates of each section of the building identified in the "Historic Structure Assessment Report." However, as explained below in the "Paint Analysis Results," the paint evidence as observed during this analysis does not always support the dates identified in the 2008 "Historic Structure Assessment Report." More research is recommended to definitively determine the dates of the additions to the 1808 structure as well as alterations to each of the sections over the history of the building.



Conjectured development of structure overlaid on HABS drawings by John Milner Architects, Inc.. KEY: Dark Blue – 18th century, Green-1808, Light Blue-ca. 1820, Red – ca. 1900. "Minute Man National Historical Park, John Nelson House & Barn, Historic Structure Assessment Report," Chadds Ford, PA: November 2008.

PAINT ANALYSIS RESULTS - FIRST STORY

The following information is a brief identification of the first/earliest finish (the finish lying directly on the substrate) determined on each of the sampled areas of the first-story rooms of the John Nelson House. Although in some instances these may represent original finishes, there is no specific documentation to use as evidence for timeline conclusions of the paint history. Color matches are provided for use in repainting the interior. Although the goal of this project did not include analysis of the building evolution or chronology of construction, new (or newer) material was identified where possible.

It is interesting to note that previously identified dates in the construction history of the building as outlined in "Historic Structure Assessment Report" were not consistently represented in the paint findings. For example, a bright blue-green was present as an initial finish in Rooms 101, 103, 104, 105, and 106. Rooms 101 and 103 are in the main 1808 block of the house. Rooms 104, 105, and 106 are in rooms added on the north side of the 1808 structure ca. 1818-1820. The paint findings seem to indicate that the blue-green color found on the trim and doors in several rooms of the 1808 block was used again or mixed again for use ten or fifteen years later on trim and doors in the new additions.

This distinct blue-green paint is lead-based, faded, and frequently appears to the visible eye as a sage-green color. However, it is consistently speckled with characteristic deep blue pigments that are clearly visible under magnification and positively identify the paint layer as this original bright blue-green finish. In addition, tiny pockets of the paint in its original brilliant manifestation are often visible in the layers under close examination. Several photographs of samples under magnification are included. They represent the undiminished brilliance of the first blue-green finish found in many samples and several rooms. The finish is sometimes glazed with a thin yellow glossy coat. The blue-green hue covered with yellow glaze gives the paint a greenish tint in some areas. The yellow glaze is not always present. When identified in the course of investigation, it is noted in the listing included here as a part of the finish.

Room 102, the west parlor of the main block of the house, was treated differently than the other 1808 and ca. 1820 rooms. Wood elements in Room 102 were not painted blue-green. The first finish in Room 102 is cream (window trim, window sash, door trim, doors, baseboard and fireplace surround and mantel) with a light tan-cream dado and chair rail. The built-in cupboard on the north wall of the room may have originally (ca. 1808) opened to a stair that led to the second floor.⁹ While the opening's surround is cream, matching the other wood trim, the shelves, backing and doors do not exhibit the same paint history.

Room 107, the modern kitchen, has been significantly altered and its original construction date is unknown. The date that the room was adapted to modern kitchen use is also unknown although it is surmised that it was during the occupancy of Walter Nelson in the mid-twentieth century. Most samples examined from Room 107 exhibited a short paint history compared to samples known to be on ca. 1808 and ca. 1820 material. The exceptions in Room 107 include:

- door leading into Room 108 (D1/108),
- door leading to the basement (D5/107),

⁹ Milner, p. 79

- vertical boards encasing stairs to 2nd floor,
- a nailer with hooks located under the stairs in closet,
- a small hidden portion of baseboard in closet under stairs.

The doors of Room 107 show a first of finish of light green (possibly faded blue-green). The vertical boards encasing the stair and the nailer with hooks under the stairs in the closet both exhibit a deep golden brown with a top coat of varnish. The piece of baseboard that was undisturbed in the closet under the stair appears to have been first varnished followed by a dark blue-gray paint. The varnish appears darkened by exposure. These finishes date to the original construction of the room which is believed to have been ca. 1820.

Room 108 is the eighteenth-century kitchen which structurally pre-dates the construction of the rest of the house. However, much of the room's finishes have been altered or replaced over the years. No original (ca. -18th century) paint appears to have survived and it was not possible to definitively identify specific nineteenth-century finishes, with the exception of the door and door casing of D2/103 which exhibits the blue-green paint found throughout much of the first floor.

Rooms 109 and 110 are twentieth-century additions with generally unfinished wood surfaces.

The following pages provide more detailed color identification arranged room-by-room and accompanied by Munsell color chips for use in color matching for the repainting of the interior first-floor rooms of the John Nelson House.

ROOM 101, 1808 (Front Hallway)

Doorways (D1/101, D3/102, D1/103)
Casings

CREAM
Munsell 2.5Y 9/2



Doorway (D1/101)
Fan Light Trim and Surround

Door (D3/102)

CREAM
Munsell 2.5Y9/2

Door (D1/101)

Original 1808 door but stripped and patched. No historic paint layers.

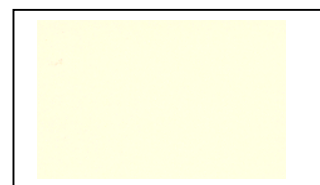
Door (D1/103)

BLUE-GREEN w/
Yellow glaze
Munsell 5BG 8/4



Dado

CREAM
Munsell 2.5Y 9/2

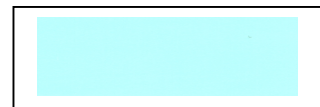


Chair rail

CREAM
Munsell 2.5Y 9/2

Baseboard

BLUE-GREEN
Faded to

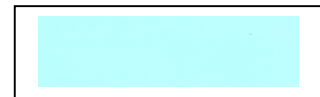


GREEN-GRAY w/
Yellow varnish glaze
Munsell 10Y 6/2



Stair Stringer

BLUE-GREEN
Faded to



GREEN-GRAY w/
Yellow varnish glaze
Munsell 10Y 6/2



Possibly early 20th century:

Stair Risers

Not original – Reddish Varnish

Stair Treads

Not original – Reddish Varnish

Stair Hand Rail

Not original – Reddish Varnish

Picture Molding

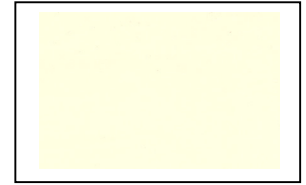
Not original – Reddish Varnish

ROOM 102, 1808 (West Parlor)

Windows (W103, W104, W105)

Sash, casings, interior shutters , and jamb panels.

CREAM
Munsell 2.5Y 9/2



Doorways (D1/102, D3/102)

Doors and casings

CREAM
Munsell 2.5Y 9/2

Fireplace Surround and Mantle

CREAM
Munsell 2.5Y 9/2

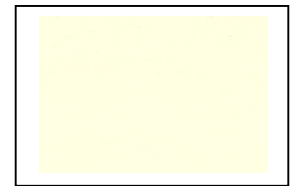
Dado and Chair Rail

LIGHT TAN-CREAM
Munsell 10YR 8/4



Baseboard

CREAM w/
Varnish coat
Munsell 2.5Y9/2



Built-in Cupboard interior
Not original (late 19th century?)

LIGHT BLUE
Munsell 2.5PB 7/2



Door D 2/102 (built-in cupboard)

Not Original, (late 20th century)

Picture Molding

Not Original, ca. 1900 (Cream)

ROOM 103, 1808, (East Parlor)

Doorways (D1/103, D2/103, D3/103)
Doors and Casings

BLUE-GREEN
Munsell 5BG 8/4

Windows (W107, W109)
Sash and casings

BLUE-GREEN
Munsell 5BG 8/4

Baseboard

BLUE-GREEN
Munsell 5BG 8/4

Dado & Chair Rail

BLUE-GREEN
Munsell 5BG 8/4

Built-in Cupboard & Shelves

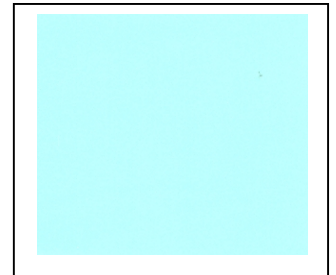
BLUE-GREEN
Munsell 5BG 8/4

Fireplace Surround & Mantle

Not Original (No blue-green)
Cream (ca. 1900?)

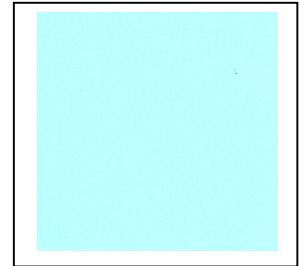
Picture Molding

Not Original (ca. 1900)
Cream



ROOM 104, ca. 1820, (Northwest Addition, Rear West Room)

Doorways (D1/104, D2/104) Doors and Casings	BLUE-GREEN <i>Munsell 5BG 8/4</i>
Windows (W101, W117) Sash and Casings	BLUE-GREEN <i>Munsell 5BG 8/4</i>
Dado and Chair Rail	BLUE-GREEN w/ Glaze coat <i>Munsell 5BG 8/4</i>
Baseboard	BLUE-GREEN <i>Munsell 5BG 8/4</i>
Fireplace Surround	BLUE-GREEN <i>Munsell 5BG 8/4</i>
Fireplace Mantle	BLUE-GREEN <i>Munsell 5BG 8/4</i>
Floor	Reddish Varnish
Picture Molding	Not original (white), ca. 1900?



ROOM 105, ca. 1820, (Northwest Wing, Entry Hall)

Doorways (D 1/104, D1/105, D1/106)
Doors and Casings

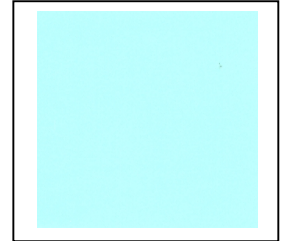
BLUE-GREEN
Munsell 5BG 8/4

Dado & Chair Rail

BLUE-GREEN
Munsell 5BG 8/4

Baseboard

BLUE-GREEN
Munsell 5BG 8/4



ROOM 106, ca. 1820, (Northwest Wing, Parlor)¹⁰

Doorways (D1/102, D1/106, D3/106)
Doors and casings

BLUE-GREEN
Munsell 5BG 8/4

Windows (W102, W115)
Sash and Casings

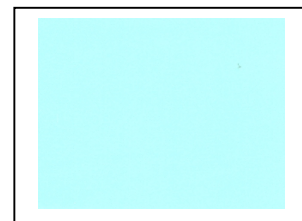
BLUE-GREEN
Munsell 5BG 8/4

Dado & Chair Rail

BLUE-GREEN w/
Glaze coat
Munsell 5BG 8/4

Baseboard

BLUE-GREEN w/
Glaze coat
Munsell 5BG 8/4



Fireplace Mantle & Surround

Not original (white), date unknown

Picture Molding

Not original (white), ca. 1900

Chimney Closet, Shelf, Chair Rail,
Baseboard (south northwest corner)

Not original (white), date unknown

Consistent second finish on original ca. 1820 wood elements

YELLOW-GOLD
Munsell 2.5Y 7/8



¹⁰ The second finish on original wood elements of Room 106 is consistently a yellow-gold (Munsell 2.5Y 7/8.)

ROOM 107, ca. 1820 (Northwest Wing, Modern Kitchen)

Room 107 was extensively altered when it was adapted for use as a modern kitchen in the 20th century (ca. 1950?). Extant original (ca. 1820) elements of Room 107 and their first finish include:

Door D1/108 (into Room 108)

LIGHT GREEN¹¹

Munsell 2.5GY 6/2

Door D5/107 (leading to basement)

LIGHT GREEN

Munsell 2.5GY 6/2



Vertical Boards (encasing stair to 2nd floor)

GOLDEN-BROWN w/varnish

Munsell 7.5YR 6/8



Nailer w/ hooks under stairs in closet

GOLDEN-BROWN w/varnish

Munsell 7.5YR 6/8

Baseboard (in closet under stair)

Varnish (darkened), ca. 1820

DARK BLUE-GRAY

Late 19th century?

Munsell 5PB 5/4



All other doors, casings, baseboard, floor and cupboards do not appear to be original (ca. 1820), or at least the areas sampled do not provide a long history of painted finishes as found in Rooms 101-106.

ROOM 108 (Eighteenth-century Kitchen)

¹¹ The light green on the door of D1/108 in Room 108 is very close in hue to the faded blue-green found in the front hallway (Room 101) where it is identified as green-gray with a yellow varnish glaze. Under magnification it appeared to contrast enough that the samples were color matched to different Munsell colors. However, it is possible that the light green found here on D1/108 is actually a match for green-gray on the baseboard and stair stringer of Room 101.

Room 108 was extensively altered and “restored” over the years. It is unclear how much original eighteenth-century fabric survives. The examination of paint samples from this room is very confusing with a large array of colors appearing in the first layer on different elements. Although it may not be a very old finish, the color that appears most frequently is a blue-gray.

Doors (D2/108, D3/108)

BLUE-GRAY

Munsell 2.5PB 6/2

Baseboard (east & north)

BLUE-GRAY

Munsell 2.5PB 6/2

Dado & Chair Rail

BLUE-GRAY

Munsell 2.5PB 6/2

Window Sash & Casing (W112)

BLUE-GRAY

Munsell 2.5PB 6/2

Door & Casing (D2/103)

BLUE-GREEN (ca. 1820)

Munsell 5BG 8/4

Door & Casing(D1/108)

White

Munsell 5Y 9/1

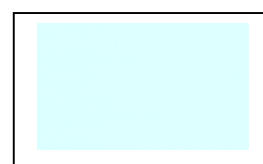
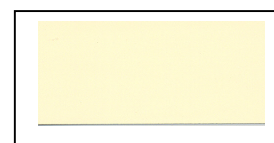
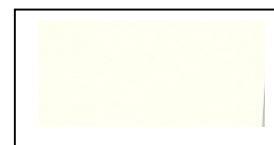
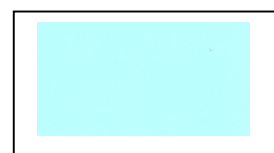
Northwest Corner Post Casing

CREAM w/varnish

Munsell 2.5Y 8.5/2

Southeast Corner Post Casing

GRAY



Fireplace wall, Corner Board

LIGHT BLUE

w/yellow glaze¹²

Munsell 7.5BG 8/2

¹² This light blue is very close to the a slightly faded version of the ca. 1808 and ca. 1820 blue-green, especially with the presence of a yellow glaze. It is possible that the corner board dates to ca. 1820.

ROOM 109 (Unfinished Side Room, East Addition, ca. 1900)

Doorway (D1/109)

BROWN Varnish, (darkened with age)

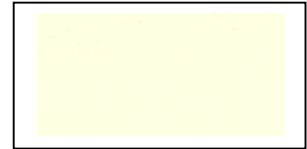
Casing

Doorway (D1/109)

CREAM

Door

Munsell 2.5Y 9/2



Doorway(D2/108)

Casing

WHITE (new)

Doorway (D2/108)

LIGHT TAN-CREAM

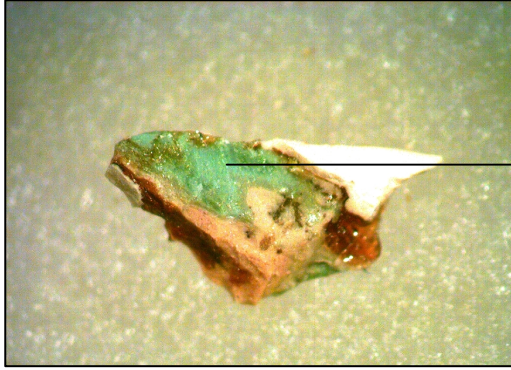
Door

Munsell 10YR 8/4

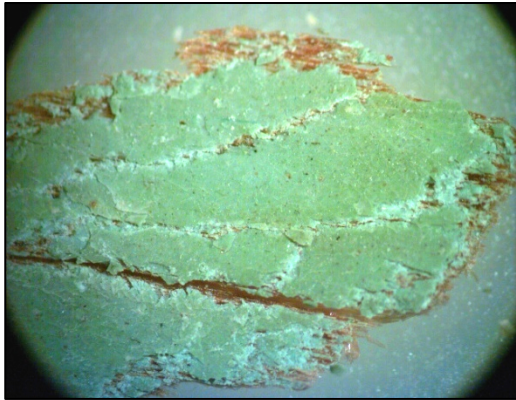


Windows -

NEW



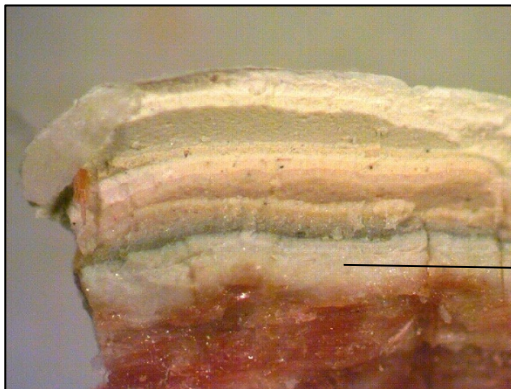
Paint Sample MIMA 1-111-A P240,
Room 104, Door D 1/104, panel. First
finish, blue-green clearly visible.



Paint sample, MIMA 1-111-A P161,
Room 101, Door D 1/103, panel. First
finish blue-green with thin yellow glaze
or varnish.



Paint sample, MIMA 1-111-A P211,
Room 103, Door D1/103 surround.
First finish bluegreen.



Paint sample, MIMA 1-111-A P189,
Room 102, W104, interior shutters.
First finish, cream.

SAMPLE LIST, INTERIOR, FIRST STORY

Room 101, Main Block, 1808, Front Entrance Hallway

(Note: generally listed in order of doorways, window openings, floor, trim, fireplaces, cornice, and miscellaneous)

Sample # MIMA 1-111-A-	Location	Description
P160	D1/103, doorway to Room 103	Doorway casing, hallway side
P161	D1/103	Door panel, hallway side
P162	D1/103	Door rail, hallway side
P163	D3/102, doorway to Room 102	Door rail, hallway side
P164	D3/102	Door panel, hallway side
P165	D3/102	Doorway casing, hallway side
P166	D1/101, front entry doorway	Door panel, interior
P167	D1/101	Door rail, interior, appeared to be stripped
P168	D1/101	Doorway casing, interior
P169	D1/101	Fanlight trim near top of arch
P170	D1/101	Molding above doorway and fanlight
P171	West wall	Baseboard
P172	East wall	Baseboard
P173	West wall	Dado
P174	West wall	Chair rail
P175	South wall, above D1/101	Boxed beam above doorway at cornice level
P176	East wall	Picture molding at cornice near front doorway
P177	Staircase to second story	Stringer at 4 th stair
P178	Staircase to second story	Stringer at 9 th stair
P179	Staircase to second story	Staircase riser
P180	Staircase to second story	Stair tread at 5 th stair
P181	Staircase to second story	Hand rail

Room 102, Main Block, 1808, West/Formal Parlor

Sample # MIMA 1-111-A	Location	Description
P182	D1/102, doorway to Room 106	Door panel, Room 102 side
P183	D1/102	Door rail, Room 102 side
P184	D3/102, doorway to Room 101	Door rail, Room 102 side
P185	D3/102	Door panel, Room 102 side
P186	W103	Window sash
P187	W103	Window casing, top section
P188	W103	Paneled casing in window opening recess, top
P189	W104	Interior shutter
P190	W105	Interior shutter
P191	W105	Window casing at level of south wall
P192	W105	Window, base of casing at south wall
P193	W105	Sash
P194	East wall	Baseboard, lower flat section
P195	East wall	Baseboard, molded cap
P196	East wall	Dado/wainscot
P197	East wall	Chair rail
P198	South wall	Baseboard below W105 (within window recess)
P199	South wall	Dado below W105
P200	South wall	Chair rail near east corner
P201	West wall	Picture molding/cornice molding above W104
P202	East wall	Picture molding/cornice molding
P203	West wall, fireplace	Surround column, south side of fireplace
P204	West wall, fireplace	Reeded top of south pilaster
P205	West wall, fireplace	Pilaster on north wall of chimney jog south of fireplace
P206	West wall, fireplace	Mantel shelf
P207	North wall	Built-in cupboard trim
P208	North wall	Built-in cupboard shelf of upper section
P209	North wall	Built-in cupboard door on lower section

Room 103, Main Block, 1808, East Parlor

Sample # MIMA 1-111-A-	Location	Description
P210	D1/103, doorway to Room 101	Door rail (panels had similar layering)
P211	D1/103	Doorway casing
P212	D2/103, doorway to Room 108	Door
P213A	D2/103	Doorway casing
P213B	D2/103	Doorway casing molding
P214	D3/103, closet doorway	Door, lower leaf of Dutch door
P215	D3/103	Doorway casing
P216	D3/103	Door, closet side, lower leaf
P217	W107	Window casing
P218	W107	Window, lower sash
P219	W109	Window, upper sash (lower sash appears to be replaced)
P220	W109	Window casing north side of window
P221	West wall	Baseboard
P222	West wall	Dado/wainscot
P223	West wall	Chair rail
P224	South wall	Baseboard
P225	South wall	Baseboard, molded cap
P226	South wall	Dado
P227	South wall	Chair rail (appears to be integral with window sills)
P228	East wall	Baseboard, molded cap
P229	East wall	Baseboard cap on north wall of chimney jog (has different profile from other caps in room)
P230	East wall	Chair rail on north wall of chimney jog similar profile as the rest of the room
P231	East wall, fireplace	Molded surround
P232	East wall, fireplace	Mantel piece panel (upper section of mantel piece appears to be from same period)
P233	West wall	Picture molding
P234	South wall	Picture molding
P235	East wall	Picture molding above fireplace
P236	North wall	Casing of cupboard
P237	East wall, closet	Interior, board on chimney wall of closet
P238	East wall, closet	Closet shelf

Room 104, Northwest Addition, ca. 1820, Rear West Room

Sample # MIMA 1-111-A-	Location	Description
P239	D1/104	Door rail
P240	D1/104	Door panel
P241	D2/104	Door, Room 104 side
P242	D2/104	Door, closet side
P243	D2/104	Doorway jamb inside closet
P244	W101	Window casing, molded trim
P245	W101	Window sash
P246	W117	Casing
P247	W117	Sash
P248	W117	Window sill
P249	Northeast corner	Floor boards
P250	North wall	Baseboard
P251	West wall	Baseboard
P252		Dado
P253	South wall	Chair rail
P254	East wall, fireplace	Mantelpiece, panel above pilaster capital
P255	East wall, fireplace	Mantelpiece, panel above fireplace
P256	East wall, fireplace	Mantel shelf
P257		Picture molding
P258	East wall, closet	Tread or low shelf in closet
P259	East wall, closet	Baseboard on west wall of closet at "landing"

Room 105, Northwest Wing, ca. 1820, Entry Hall

Sample # MIMA 1-111-A-	Location	Description
P260	D1/105	Door stile, Room 105 side
P261	D1/105	Door panel, lower west panel, Room 105 side
P262	D1/105	Doorway casing, west side of doorway
P263	D1/104	Doorway casing, Room 105 side
P264	D1/104	Doorway casing, bead of outer molding
P265	D1/104	Door stile, panel has similar layers
P266	D1/106	Doorway casing, Room 105 side
P267	D1/106	Door stile, Room 105 side
P268	D1/106	Door panel, Room 105 side
P269	West wall	Baseboard
P270	West wall	Dado
P271	West wall	Chair rail
P272	NOT ASSIGNED	

Room 106, Northwest Wing, ca. 1820, Parlor

Sample # MIMA 1-111-A-	Location	Description
P273	D1/106	Door panel molding, stiles, rails, and panels have similar layers
P274	D1/106	Doorway casing
P275	D2/106	Doorway casing
P276	D2/106	Door, Room 106 side
P277	D2/106	Door, closet side
P278	D3/106	Doorway casing
P279	D3/106	Door
P280	D4/106	Doorway casing
P281	D1/102	Doorway casing
P282	D1/102	Door
P283	W102	Window casing, molding around panel
P284	W102	Window casing
P285	W102	Window, lower sash
P286	W115	Window molded casing
P287	W115	Window sash
P288	South wall	Baseboard, top edge of lower flat board
P289	South wall	Dado
P290	South wall	Chair rail
P291	North wall	Baseboard
P292	North wall	Chair rail
P293	West wall	Baseboard between fireplace and closet
P294	West wall	Chair rail between fireplace and closet
P295	West wall, fireplace	Paneled pilaster
P296	West wall, fireplace	Molded capital of pilaster
P297	West wall, fireplace	Mantel shelf
P298	West wall, fireplace	Top molding above mantel shelf
P299	East wall	Picture molding
P300	West wall, closet	Boards on chimney wall in closet
P301	West wall, closet	Closet shelf

Room 107, Northwest Wing, ca. 1820 (currently adapted as 20th-century Kitchen)

Sample # MIMA 1-111-A-	Location	Description
P302	D1/107	Door, lower leaf of Dutch door
P303	D1/107	Doorway casing
P304A	D3/107	Door, Room 107 hall to basement side
P304B	D3/107	Door, staircase side
P305A	D3/107	Doorway casing, Room 107 side
P305B	D3/107	Doorway casing, staircase side
P306	D4/106	Doorway casing, Room 107 side
P307	D1/108	Door, Room 107 side
P308	W114	Window casing, sash is similar; W113 has more recent surround and replacement sash
P309	South hallway to basement	Ceiling near basement staircase, curved section

Room 108, Eighteenth-Century Kitchen, (pre-dates rest of house)

Sample # MIMA 1-111-A-	Location	Description
P310	D1/108	Doorway casing
P311	D1/108	Door
P312	D2/108	Doorway casing
P313	D2/108	Door, evidence of box lock, now has latch
P314	D3/108	Doorway casing
P315	D3/108	Door, Room 108 side
P316	D3/108	Door, closet side
P317	D2/103	Doorway casing, Room 108 side
P318	D2/103	Door, Room 108 side
P319	W112	Window casing, appears similar to W110, recent
P320	W112	Window sash
P321	East wall	Baseboard near south wall
P322	East wall	Chair rail
P323	South wall	Dado
P324	North wall	Baseboard, appears recent
P325	North wall	Dado at west end of wall
P326	West wall	Baseboard between D1/108 & D3/108
P327	West wall	Dado
P328	West wall	Chair rail
P329	East wall, passage to Room 103	Baseboard
P330	East wall, passage to Room 103	Dado
P331	North wall	Northwest corner post casing
P332	South wall	Southeast corner post casing
P333	South wall, fireplace	Mantel shelf
P334	South wall, fireplace wall	West corner board on fireplace wall
P335	West wall	Board/framing from top of D3/108 to ceiling
P336	East wall, passage to Room 103	Casing of cupboard with sliding doors

Room 109, Unfinished Side Room, ca. 1900

Sample # MIMA 1-111-A	Location	Description
P337	D1/109	Casing, west side of doorway
P338	D1/109	Door, Room 109 side
P339	D2/108	Door, Room 109 side
P340	D2/108	Jamb, Room 109 side

Room 110, Cart Shed/Garage, ca. 1920

Sample #	Location	Description
N/A	East room of Northeast addition.	No significant interior paint evidence was found in this unfinished section of the building.

PAINT ANALYSIS RESULTS - SECOND STORY

The following information briefly identifies the first finish determined for each of the sampled areas of second-story rooms 201, 202, 203, 204, 205, 206, 207, and 208 of the John Nelson House. For the purposes of this report the first finish is the treatment visible directly on the substrate of the sampled fabric. Although in some instances these may represent original finishes, there is no specific documentation to use as evidence for timeline conclusions of the paint history. Color matches are provided for use in repainting the interior. Although the goal of this project did not include analysis of the building evolution or chronology of construction, new (or newer) material was identified where possible. It is interesting to note that previously identified dates in the construction history of the building as outlined in "Historic Structure Assessment Report" were not consistently represented in the paint findings. Samples were not removed from Rooms 209 and 210 as they are unfinished garret spaces.

The distinctive blue-green paint found as an initial finish in many of the first-story rooms was also found in several second-story areas including on specific elements in Rooms 201, 202, 203, and 204.

Room 201 is a small upper hall at the top of the main stair of the house. Four of the upper rooms (202, 203, 204, and 205) open off this hall. The doors, doorway casings and baseboard appear to be original. The predominant original painted finish in the hall is a cream color matching Munsell 2.5Y 9/2. The cream paint is found as a first layer on the doors and doorways casings of D 1/201, D 2/201, D 1/204 and D 2/207. Cream paint is also found on the casing only of D 1/202. The baseboard and the door leading into Room 202 (D1/202)¹³ were both originally a bright blue green. The blue green paint of the baseboard was treated with a yellow glaze coat enhancing the luster of the color. The bright blue green is the same paint that was used extensively in the first story and matches Munsell 5 BG 8/4. The threshold of D 1/201 leading to the back hall shows a first finish of dark charcoal gray matching Munsell 10B 2/1. The stairs are a newer addition dating perhaps to ca. 1900. The stair railing and newel post are finished with a golden brown varnish. The stairwell header and picture molding are likewise newer and exhibit a light tan cream paint as an initial finish. The walls of the hall may have been papered. A small fragment of nineteenth-century paper was found adhered to the wood panels of the south and west walls inside the closet at the top of the stairs. The fragment is not large enough to determine a pattern but the colors of the design appear to be white and dark green on an off-white background. This paper may have been used on the main walls of the hall as well. The wall covering is a wood-pulp paper that probably dates to the late-nineteenth century although it is possible that earlier papers were used in the hall as well

Room 202 is the front west chamber of the original 1808 block of the house. The samples examined from Room 202 reveal that nearly all of the wood trim elements of the room were originally painted a bright blue-green matching Munsell 5 BG 8/4. The color is the same found in the hall (Room 201) and in several downstairs rooms dating to ca. 1808 and to ca. 1820. In Room 202 the blue-green finish is present on the baseboard, both doors and doorway casings (D 1/202 and D 2/202) and the window sills, sashes and casings (W 2/207 and W

¹³ Samples from features in Room 202 reveal that blue green was the predominant color used in this bed chamber. See Room 202 description and color chips.

2/204). Photographs of the samples taken under magnification illustrate how the tone and brightness of the blue-green paint changes from sample to sample due to exposure, wear-and-tear, dirt accumulation and location. Four photographs of samples from a doorway casing, a window sash and the baseboard of Room 202 are included below on the photo pages as examples of the changeability of the blue green finish. The brightest unadulterated hue of the blue green is considered to be the original value of the color.

The floorboards of Room 202 are painted but exhibit far fewer layers of paint suggesting that they were painted in recent years. The fireplace along the west wall is a combination of original material and newer material. The original fabric of the fireplace includes the outer wood surround. The first finish on this outer surround is a dark gray-blue paint with evidence of glossy black paint and varnish. The combination of colors found on the wood substrate suggest the possibility that this original surround was treated with a marbleized finish. Newer parts of the fireplace include the inner surround with pilasters, the mantel piece with swag and the mantel shelf. These elements have far fewer layers of paint beginning with a light tan-cream color. The picture molding at the cornice is likewise not original (probably dates to ca. 1900) and shows very few paint layers beginning with a light tan-cream that matches the newer pieces of the fireplace.

Room 203 is a small chamber located over the front hall and entrance and is centered on the south side of the 1808 block of the house. Paint samples removed from Room 203 show a predominance of cream and light tan. Exceptions include the door (D 2/202) leading into Room 202 which was painted blue green (Munsell 5 BG 8/4) and the baseboard which appears under magnification as a faded gray blue matching Munsell 7.5 BG 6/2 but perhaps was much brighter originally. In addition the floor is painted black but is floorboards are not original. The picture molding at the cornice (ca. 1900) shows an initial finish of white paint. Paint examination reveals that the window (W208) has an original casing and sill but mid-nineteenth century sash. Casing and sill were first painted light tan but the paint history on the sash begins with the bright red finish found as the fifth layer on 1808 fabric. Therefore the sash is not original but the casing and sill are.

Room 204 is the front east chamber of the original 1808 block of the house. The samples examined from Room 202 reveal a combination of light tan-cream (Munsell 2.5Y 9/2) and blue- green (5 BG 8/4) as original finishes on 1808 trim elements. The baseboard and window sash (W209, W211) appear to have been painted blue green as well. The doors and doorway casings (D 1/204, D 2/204), window sills and window casings (W211, W209) were painted light tan- cream. The floor boards are probably not original as samples exhibit just a few finish layers with an initial coat of brown varnish. As in all of the rooms, the picture molding at the cornice is not original and was first painted white. The fireplace is a combination of original and newer fabric (similar to the fireplace in Room 202). The fireplace surround and molded board trim is original to the fireplace but the mantel shelf and mantel brackets are newer additions. The original surround was painted a glossy black and had at least eleven finishes visible in samples, while the newer elements show just four layers of cream paints.

Room 205 is the rear stair hall located in the second story of the ca.-1820 northwest wing. The stairs allow access between Room 107 (modern kitchen) and the second story

rooms: Rooms 201, 206, 207 and 209. It is hard to determine what the original color of the first finish was in this area. The predominant color on trim elements is a gray-green that currently matches to Munsell 10Y 6/2. However, it is probable that the finish was once a brighter and lighter hue. This seems likely because under magnification there are distinct golden pigments embedded in the gray-green paint. Gray -green paint is found on the doors and doorway casing of D 1/205, D 1/206, and D 1/207. The baseboards were also painted gray-green. The simple wood railing around the stairwell was not sampled. Stair treads and risers show a first finish of orange brown (Munsell 2.5R 4/10) with a dark varnish topcoat. The vertical (north side) and horizontal boards (south side) that make up the stairway walls were painted a very dark brown (Munsell 5YR 3/4) with a similar dark varnish topcoat. A paint sample removed from the floor adjacent to D 1/207 exhibits eight finishes with the earliest appearing to be a green with a clear gloss coat. The green is very faded. It is unlikely that the floor paint is original and the floor boards appear to be a mix of different sizes and shapes. The treatment of the plaster walls is unknown although a simple white wash would have been fitting to the function and location of the hall and stair.

Room 206 is a small chamber in the northeast corner of the ca. 1820 addition. The space is believed to be an original space although it currently houses a modern bathroom. All elements that were sampled appear to have matching stratigraphies with the exception of the baseboard inside the closet on the west wall. Trim elements may date to the original construction of this northwest addition (ca. 1820). The first finish is a gray-green with golden pigments visible in several cross-sections. The green paint matches that found on trim in the back hall (Room 205). In Room 206 gray-green paint is the first finish on doors and doorways casings (D 1/206, D 2/206), window casings and sills (W214, W215) and all baseboards. The window sash (W215, W216) were initially painted cream-white matching Munsell 5Y 9/2. The distinctive brick red found on most window sash in the house is the second finish on the sash in Room 208 indicating that the red treatment of the window sash post-dates the construction of the ca. 1820 addition. It is reasonable to surmise that the red paint found on most of the sash throughout the house is the finish immediately post-dating the ca.-1820 treatment of new additions. The red paint is found only on window sash in the house.

Room 207 is a chamber located in the middle of the ca.-1820 addition. The room opens into the back hall (Room 205) with access to the first floor via the back stairs as well as through D 1/201 to the main hall and stairs. The room probably functioned as a bed chamber. Samples were examined from the doors, windows and baseboard of the room. Samples generally exhibit eight or nine finish layers. The finish history on the samples match one another indicating that sampled elements were probably installed/constructed at the same time. The first finish on the doors and casings of D1/207 and D2/207, as well as the baseboard in the room, is a cream-white matching Munsell 5Y 9/2 and is assumed to date to ca.-1820. The window casing, sill, and sash of W 216 appear to be original showing cream white finish on the substrate. The casing of W 203 is original (cream-white), while the sash and sill are newer with fewer layers of paint evident. The picture molding at the cornice is not original (dating to ca. 1900).

Room 208 is the west chamber of the ca.-1820 northwest addition. Access to the room is available only through Room 207. Samples were examined from the doors, windows, baseboard, picture molding, boxed beam casing, floor board and fireplace. Samples generally

exhibit eight or nine finish layers. The finish history on the samples match one another indicating that sampled elements were probably installed/constructed at the same time (ca. 1820). Exceptions are found only on the splayed boards in the northwest and southwest corners and on the floor boards. Both of these room elements show far fewer layers of paint and are not original. The first finish on all other sampled elements of the room is a cream white matching Munsell 5Y 9/2. This is the same cream white that is found in Room 207. The picture molding at the cornice is not original (dating to ca. 1900). The fireplace surround may be original having a paint history of eight or nine layers starting with a glossy black paint followed by layers matching up consistently with other original features in the room. The glossy black paint would have been applied when other trim received its initial cream white finish. The window sash were first painted cream white. The distinctive brick red found on most other window sash in the house is found as the second sash finish in Room 208 again clearly indicating that the red treatment of the window sash post-dates the construction of the ca. 1820 addition.

Rooms 209 and 210 are unfinished, unpainted, attic spaces. Room 209 is located above the original eighteenth-century kitchen. Room 210 is above the twentieth century cart shed wing constructed on the east end of the building.

The following pages provide more detailed color identification arranged room-by-room and accompanied by Munsell color chips for use in color matching modern paints to the historic finishes for the repainting of the interior second-floor rooms of the John Nelson House.¹⁴

¹⁴ Please note that all of the Munsell Color sheets for the first finishes were digitally scanned and entered into a HAP database of colors. Digital Munsell Colors were inserted into the report from the scanned images with actual physical chips affixed to the page. The quality of the scanned color is not always an exact match to the original. Therefore, when matching Munsell colors to modern paints such as Benjamin Moore, ALWAYS use the actual Munsell paint chip affixed to the pages in the report.

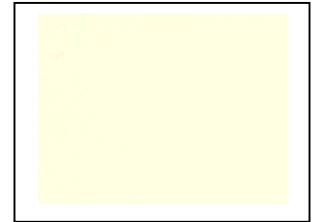
ROOM 201, 1808 (Center Hallway)

Doorways (D1/201, D2/203, D1/204)
Casings

CREAM
Munsell 2.5Y 9/2

Doors D2/203, D1/204)

CREAM
Munsell 2.5Y9/2



Door (D1/202)
Casing

BLUE-GREEN
Munsell 5BG 8/4

Door (D1/202)



Baseboard

BLUE- GREEN
Munsell 5BG 8/4

Possibly early 20th century:

Stair Hand Rail
Newel Post
Picture Molding
Stairwell Header piece

Not original – Golden Brown Varnish
Not original – Golden Brown Varnish
Not original – White
Not original – White

ROOM 202, 1808 (West Chamber)

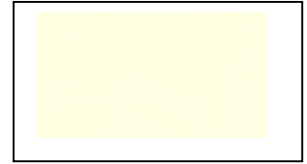
Windows (W204, W207)
Sash, sill, and casings.

BLUE-GREEN
Munsell 5BG 8/4



Doorways (D1/102, D2/202)
Doors and casings

CREAM
Munsell 2.5Y 9/2



Fireplace
Outer surround (original)

DARK GRAY-BLUE w/
BLACK & Gloss Varnish
Munsell 5PB 5/4



Fireplace
Inner surround, pilaster,
mantle piece with swag,

Not Original- light tan-cream
mantle shelf

Baseboard

BLUE-GREEN
Munsell 5BG 8/4



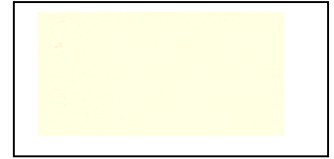
Picture Molding

Not Original- ca. 1900, light tan cream

ROOM 203, 1808, (Hall Chamber)

Doorways (D2/207)
Door and Casing

CREAM
Munsell 2.5Y 9/2



Door (D2/202)

BLUE-GREEN
Munsell 5BG 8/4

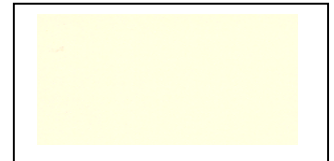


Doorway (D2/202)
Casing

CREAM
Munsell 2.5Y 9/2

Doorway (D2/203)
Door and Casing

CREAM
Munsell 2.5Y 9/2



Windows (W208, W216)
Sash, sill and casings

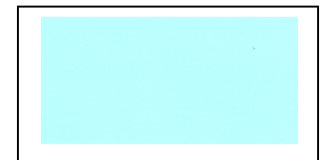
CREAM
Munsell 2.5Y 9/2

Window (W203)
Casing
(sill new, sash old but not original)

CREAM
Munsell 2.5Y 9/2

Baseboard
(very faded)

BLUE-GREEN
Munsell 5BG 8/4



Floor

Not Original - black

Picture Molding

Not Original-white, ca. 1900

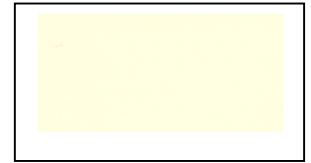
Wide board west of
Closet door

Not Original- varnished

ROOM 204, 1808, (East Chamber)

Doorways (D1/204, D2/204)
Doors and Casings

CREAM
Munsell 2.5Y 9/2

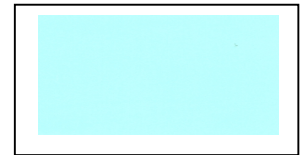


Windows (W209, W211)
Casings and Sills

CREAM
Munsell 2.5Y 9/2

Window (209, W 211)
Sash

BLUE-GREEN
Munsell 5BG 8/4



Baseboard
North and south walls
East wall, lower step newer,
middle and upper pieces original

BLUE-GREEN
Munsell 5BG 8/4

Fireplace
Surround and molded board trim
(original)

BLACK (glossy)

Fireplace
Mantel shelf and brackets

Not original - cream

Picture Molding

Not original - white, ca. 1900

ROOM 205, ca. 1820, (Northwest Wing, Back Hall and Stairs)

Doorways (D 1/205, D1/201, D1/206, D1/207))
Casings

GRAY-GREEN
w/ golden pigments
Munsell 10Y 6/2



Doors (D1/205, D 1/206)

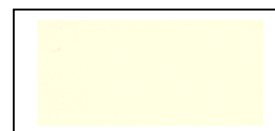
GRAY-GREEN
w/golden pigments
Munsell 10Y 6/2

Door (D 1/201)
No Door

XXXXXXXXXX

Door (D 1/207)

CREAM
Munsell 2.5Y 9/2



Baseboard

GRAY-GREEN
w/ golden pigments
Munsell 10Y 6/2



Stair Tread

ORANGE-BROWN w/
Dark varnish
Munsell 2.5YR 4/10



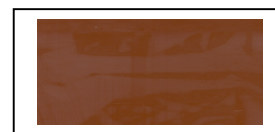
Stair Riser

ORANGE-BROWN w/
Dark varnish
Munsell 2.5YR 4/10



Stairway Wall
Horizontal boards, south wall
Vertical boards, north wall

DARK BROWN w/
Dark varnish
Munsell 5YR 3/4



Floorboards (possibly original, faded to a light green, Munsell 5GY 7/4, with gloss varnish.

ROOM 206, ca. 1820, (Northwest Wing, Modern Bathroom)

Doorways (D1/206, D 2/206)
Doors and casings

GRAY-GREEN
w/ golden pigments
Munsell 10Y 6/2



Window (W214)
Casing and Sill

GRAY-GREEN
w/ golden pigments
Munsell 10Y 6/2

Window (W214)
Sash

BRICK-RED
Munsell 7.5R 3/6



Baseboard
In Room 206

GRAY-GREEN
w/ golden pigments
Munsell 5BG 8/4



Baseboard
In closet

Not original - white cream

ROOM 207, ca. 1820 (Northwest Wing, Middle Chamber)

Doorways (D1/207, D 2/207, D1/208)

CREAM-WHITE

Doors and Casings

Munsell 5Y 9/2

Window (W203)

CREAM-WHITE

Casing

Munsell 5Y 9/2

Sill and Sash (newer material)

Window (W 216)

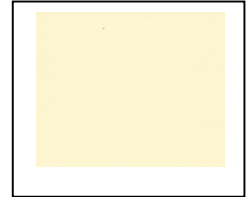
CREAM-WHITE

Casing, sill and sash

Munsell 5Y 9/2

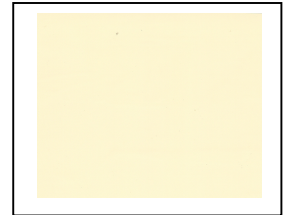
Picture Molding

Not original - white, ca. 1900



ROOM 208, ca. 1820 (Northwest Wing, West Chamber)

Doors (D1/208, D2/208)	CREAM-WHITE
Doors and casings	<i>Munsell 5Y 9/2</i>
Window (W202, W217)	CREAM-WHITE
Casings, sill, and sash	<i>Munsell 5Y 9/2</i>
Baseboard (north)	CREAM-WHITE <i>Munsell 5Y 9/2</i>
Northwest Corner Post Casing	CREAM-WHITE <i>Munsell 5Y 9/2</i>
Fireplace, outer surround	BLACK (glossy)
Fireplace pilasters and center mantel panel.	(Not original)
Splayed Boards, Northwest & Southwest corners.	(Not original)



ROOM 209 (Unfinished garrett above eighteenth-century kitchen

Unsampled.

ROOM 210 (Unfinished attic above twentieth-century east end shed addition)

Unsampled.



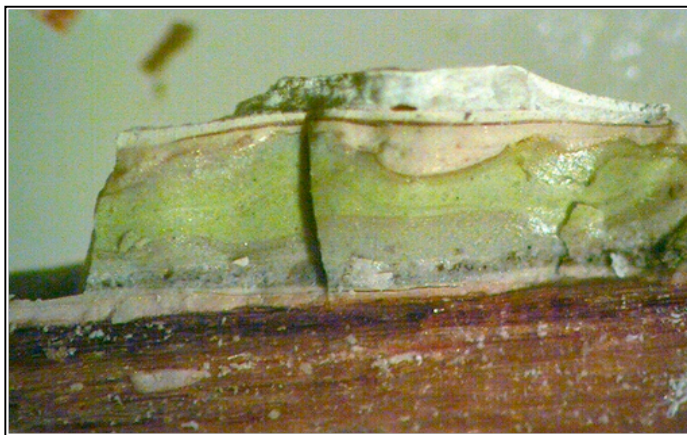
Paint sample, MIMA 1-111-A
P341, Room 201, D 1/201,
doorway casing. First finish,
cream, clearly visible.

Wood substrate of casing.



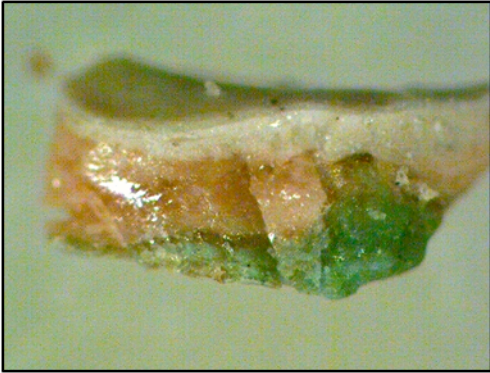
Paint sample, MIMA 1-111-A
P353, Room 201, baseboard,
at east wall. First finish,
blue-green with glaze coat,
clearly visible.

Wood substrate of
baseboard.



Paint sample, MIMA 1-
111 A P349. Room
201, D 1/204, door
panel, hallway side.
First cream finish
visible.

Wood substrate of door.



Paint sample, MIMA 1-111-A P358, Room 202, D 2/202, doorway casing. First finish, blue-green, clearly visible.



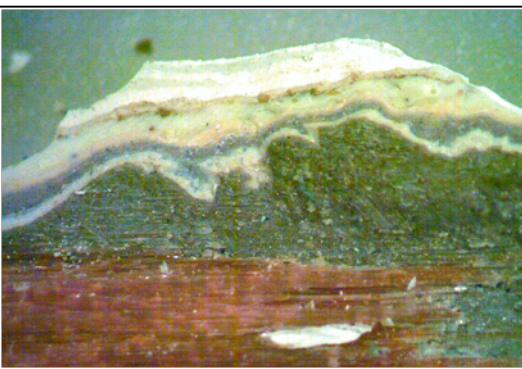
Paint sample, MIMA 1-111-A P364. Room 202, window W204, lower sash. First finish, blue-green, is visible. Note deep red finish applied several finishes later (date unknown).

Wood substrate of sash.



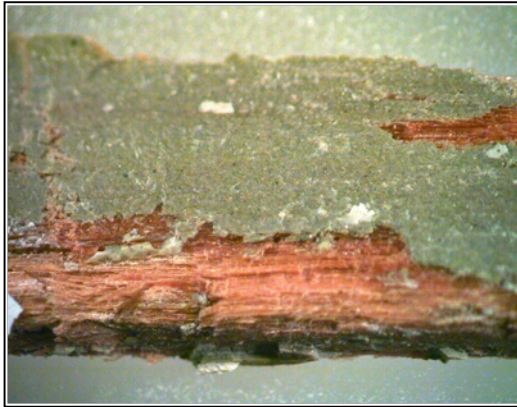
Paint sample, MIMA 1-111-A P402. Room 202, window W209, lower sash. First finish, blue-green, is visible. Note deep red finish applied several finishes later (date unknown).

Wood substrate of sash.



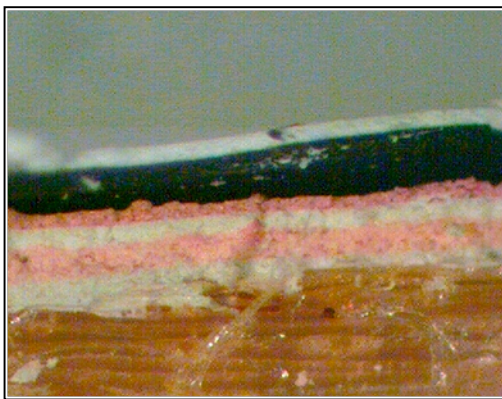
Paint sample, MIMA 1-111-A P371. Room 202, Baseboard, west wall, north jog of fireplace box. First finish, blue-green, is visible.

Wood substrate of baseboard.



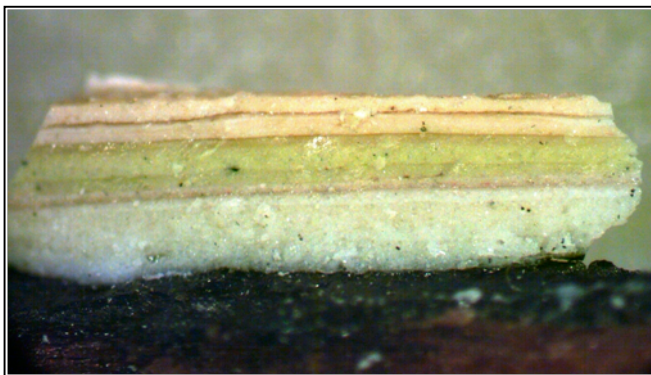
Paint Sample MIMA 1-111-A P410, Room 204, baseboard, south wall. Original surface of blue-green paint much faded and with all top layers fallen away from first finish.

Wood substrate of baseboard.



Paint sample MIMA 1-111-A P418, Room 204, picture molding at cornice. Twentieth-century paints including first white finish.

Wood substrate of molding.



Paint sample MIMA 1-111-A P414, Room 204, fireplace surround. Original glossy black finish clearly visible.

Wood substrate of fireplace surround.

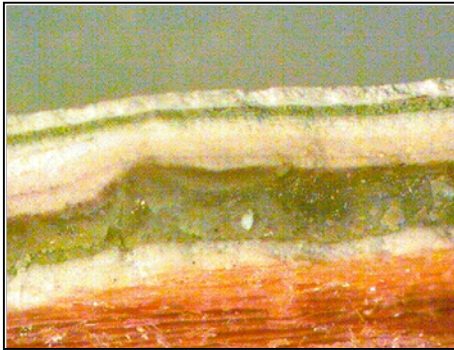


Paint sample MIMA 1-111-A P405, Room 204, window sash, W 211. Original blue-green finish clear. Note deep red finish on top. Newer paint layers fallen away.

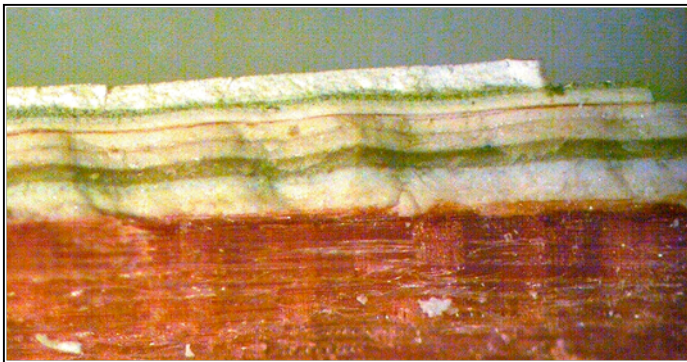
Fragment of wood substrate.



Paint sample MIMA 1-111-A P440, Room 206, D2/206, door. Original gray-green visible on wood substrate.



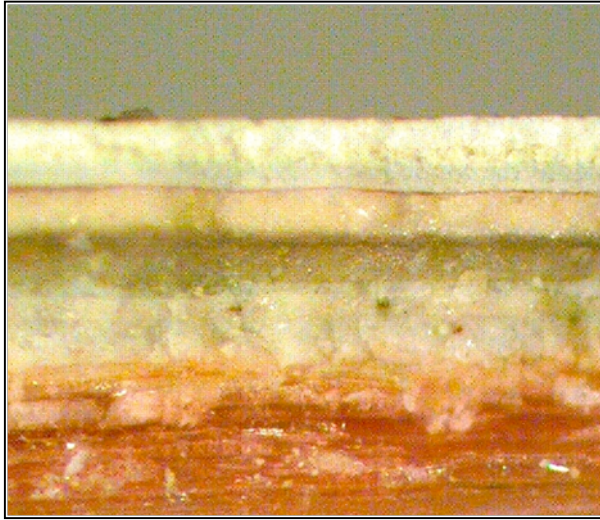
Paint sample, MIMA 1-111-A P448, Room 207, D1/207, door panel, Room 207 side. Original cream-white finish visible on wood substrate.



Paint sample MIMA 1-111-A P454 Room 207, D1/208, door panel, Room 207 side. Paint history matches D1/207 shown above.



Paint sample MIMA 1-111-A P468, Room 208, D 2/208, door casing in closet. Cream- white finish present with no further paint history evident.



Paint sample MIMA 1-111-A P469, Room 208, baseboard. Original cream-white finish visible on substrate. Cream-white finish is consistent throughout Room 208 and matches trim in Room 207 as well.

SAMPLE LIST, INTERIOR, SECOND STORY

Room 201, Main Block, 1808, Upper Hallway

(Note: generally listed in order of doorways, window openings, floor, trim, fireplaces, cornice, and miscellaneous.)

Sample # MIMA 1-111-A-	Location	Description
P341	D1/201	Doorway casing, Room 201 side
P342	D1/201	Doorway threshold
P343	D2/201	Closet door panel, Room 201 side
P344	D2/201	Closet door panel, closet interior side
P345	D1/202	Door casing, Room 201 side
P346	D1/202	Door panel, Room 201 side
P347	D1/204	Doorway casing, flat beaded piece, Room 201 side
P348	D1/204	Doorway casing, molded piece, Room 201 side
P349	D1/204	Door panel, Room 201 side
P350	D2/203	Door casing, Room 201 side
P351	D2/203	Door panel, Room 201 side
P352	North wall	Baseboard
P353	East wall	Baseboard
P354	Staircase	Railing around stairwell, hand rail
P355	Staircase	Newel post
P356	Staircase	Stairwell header piece
P357	East wall	Picture molding at cornice

Room 202, Main Block, 1808, West Chamber

Sample # MIMA-1-111-A-	Location	Description
P358	D1/202	Doorway casing, Room 202 side
P359	D1/202	Door panel, Room 202 side
P360	D2/202	Door rail, Room 202 side
P361	D2/202	Doorway casing, Room 202 side
P362	W204	Window sill
P363	W204	Window casing
P364	W204	Window sash, lower half
P365	W207	Window casing
P366	W207	Window sill
P367	W207	Window sash, lower half
P368	Floor	Floor boards
P369	East wall	Baseboard
P370	South wall	Baseboard
P371	West wall	Baseboard, north wall of chimney jog
P372	West wall, fireplace	Outer surround, south side of fireplace
P373	West wall, fireplace	Molded pilaster, south side of fireplace
P374	West wall, fireplace	Inner surround, south side of fireplace
P375	West wall, fireplace	Mantel piece, center panel with swag
P376	West wall, fireplace	Mantelshelf
P377	West wall	Picture molding at cornice above W205
P378	East wall	Picture molding at cornice

Room 203, Main Block, 1808, Hall Chamber over Main Entrance

Sample # MIMA-1-111-A-	Location	Description
P379	D2/207 to hallway/Room 201	Doorway casing, Room 203 side
P380	D2/207 to hallway/Room 201	Door panel, Room 203 side
P381	D2/202	Door panel, Room 203 side
P382	D2/202	Doorway casing, Room 203 side
P383	D2/203, closet doorway	Door panel, Room 203 side
P384	D2/203, closet doorway	Door panel, closet side
P385	D2/203, closet doorway	Doorway casing, closet side
P386	W208	Window sill
P387	W208	Window casing
P388	W208	Sash
P389	Floor	Floor boards
P390	East wall	Baseboard
P391	South wall	Baseboard
P392	West wall	Baseboard, west wall of closet/stairs
P393	North wall	Wide vertical board adjacent (west) of closet doorway
P394	South wall	Picture molding at cornice

Room 204, Main Block, 1808, East Chamber

Sample # MIMA-1-111-A-	Location	Description
P395	D1/204	Doorway casing , Room 204 side
P396	D1/204	Door, Room 204 side
P397	D2/204	Doorway casing, Room 204 side
P398	D2/204	Door, interior closet side
P399	D2/204	Door, Room 204 side
P400	W209	Window sill
P401	W209	Window casing
P402	W209	Window sash, lower half
P403	W211	Window sill
P404	W211	Window casing
P405	W211	Window sash, lower half
P406	Floor	Floor boards
P407	North wall	Baseboard, lower step of 2 step baseboard
P408	North wall	Baseboard cap
P409	South wall	Baseboard, lower step and cap
P410	South wall	Baseboard, upper step
P411	East wall	Baseboard, lower step below W211 (section has 3 stepped baseboard vs. 2 as rest of the room)
P412	East wall	Baseboard, middle step below W211
P413	East wall	Baseboard, upper step below W211
P414	East wall, fireplace	Beaded surround behind molded surround
P415	East wall, fireplace	Molded surround
P416	East wall, fireplace	Mantelshelf bracket, board above has similar layers
P417	South wall	Picture molding at cornice
P418	West wall	Picture molding at cornice
P419	East wall, fireplace jog	Surround of cupboard, north wall of jog
P420	D2/204, interior of closet	Doorway casing, interior closet side

Room 205, Northwest Addition, ca. 1820 Back Hall and Stairs

Sample # MIMA 1-111-A-	Location	Description
P421	D1/201	Door casing, Room 205 side
P422	D1/205	Door, probably reused, hardware scars (attic side covered with particle board, not sampled)
P423	D1/205	Door casing, Room 205 side
P424	D1/206	Door panel, Room 205 side
P425	D1/206	Door casing, Room 205 side
P426	D1/207	Door casing, Room 205 side
P427	D1/207	Door panel, Room 205 side
P428	Staircase	Stair tread
P429	Staircase	Stair riser
P430	Staircase	Horizontal south wall boards in stairwell (north wall vertical boards have similar paint layers)
P431	Staircase	Hand rail of railing around stairwell
P432	Floor	Floor boards near D1/201
P433	Floor	Floor boards near D1/207
P434	North wall	Baseboard
P435	South wall	Baseboard
P436	East wall	Board wall between D1/201 and D1/205
P437	Ceiling	Frame of skylight opening at ceiling level

Room 206, Northwest Addition, ca. 1820, (currently) Modern Bathroom

Sample # MIMA 1-111-A-	Location	Description
P438	D1/206	Doorway casing, Room 206 side
P439	D1/206	Door, Room 206 side
P440	D2/206	Doorway casing, Room 206 side
P441	D2/206	Door, Room 206 side
P442	D2/206	Door, interior closet side
P443	W214	Window sill
P444	W214	Window casing
P445	W214	Sash, all sashes in W214 and W215 have knife edge muntin profiles
P446	North wall	Baseboard
P447	Closet interior	Baseboard, narrower than in Room 206 (approx. 3 inches vs. 6 inches)

Room 207, Northwest Addition, ca. 1820, Bedroom

Sample # MIMA 1-111-A-	Location	Description
P448	D1/207	Door, Room 207 side
P449	D1/207	Doorway casing, Room 207 side
P450	D2/207	Doorway casing, Room 207 side
P451	D2/207	Door, Room 207 side
P452	D2/207	Door panel, interior closet side
P453	D1/208	Doorway casing, Room 207 side
P454	D1/208	Door casing, Room 207 side
P455	W203	Window sill
P456	W203	Window casing (molded splayed jambs)
P457	W203	Window sash
P458	W216	Window casing (flat jambs)
P459	W216	Window sill, extends farther beyond surround than sill of W203
P460	W216	Window sash
P461	South wall	Baseboard
P462	West wall	Baseboard
P463	Closet, interior	Baseboard inside closet
P464	South wall	Picture molding at cornice

Room 208, Northwest Addition, ca. 1820, West Bedroom

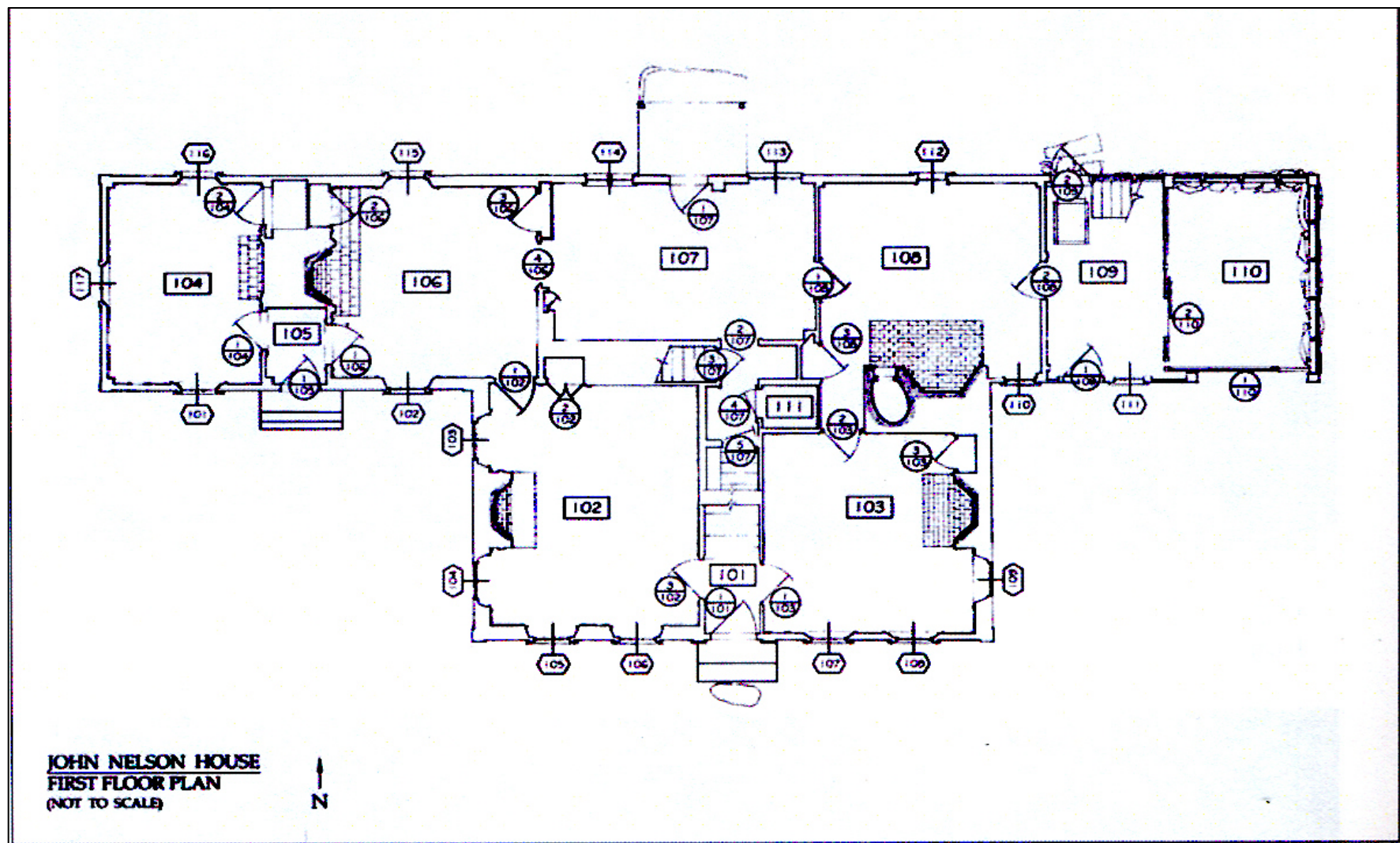
Sample # MIMA 1-111-A-	Location	Description
P465	D1/208	Doorway casing, molding, Room 208 side
P466	D1/208	Doorway casing, flat surround, Room 208 side
P467	D1/208	Door, Room 208 side
P468	D2/208	Door casing, Room 208 side
P469	D2/208	Door panel, Room 208 side
P470	D2/208	Door, interior closet side
P471	W202	Window sill
P472	W202	Window casing
P473	W202	Window sash
P474	W217	Window sill
P475	W217	Window casing
P476	W217	Window sash
P477	Floor	Floor board
P478	North wall	Baseboard
P479	South wall	Baseboard
P480	West wall	Baseboard
P481	West wall	Baseboard cap
P482	Closet, interior	Baseboard
P483	South wall	Boxed post
P484	West wall, north west corner	Splayed corner board
P485	East wall, fireplace	Outer surround
P486	East wall, fireplace	Surround pilaster
P487	East wall, fireplace	Center panel over fireplace
P488	East wall, fireplace	Mantelshelf
P489	South wall	Picture molding at cornice

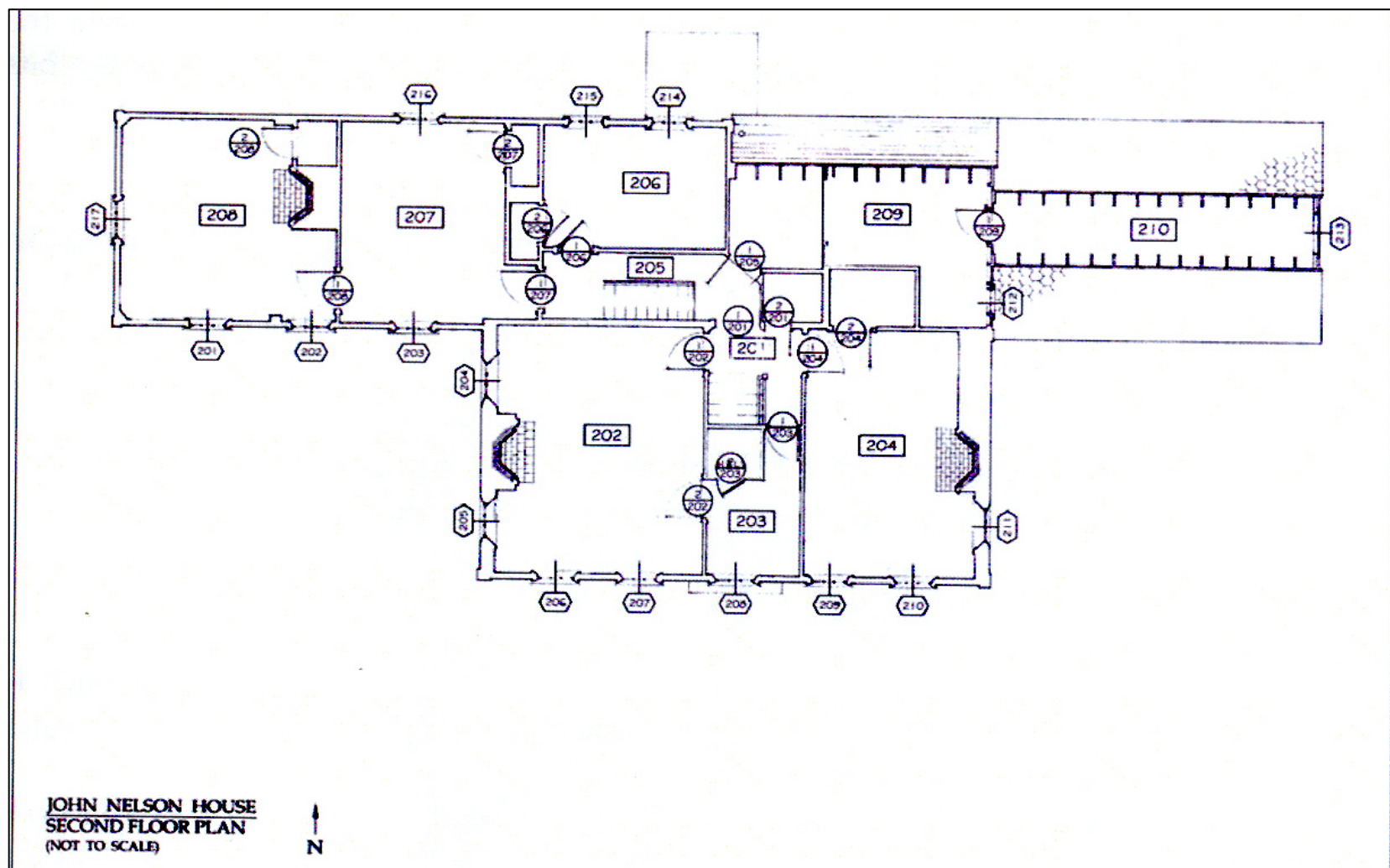
Room 209, Eighteenth-Century block, Garrett Room

Room 210, Northeast Addition, ca. 1900, Attic Space

Sample # MIMA 1-111-A-	Location	Description
N/A	Attic rooms of Northeast addition.	No significant interior paint evidence was found in this unfinished section of the building.

Samples were not removed from Rooms 209 and 210 as they are unfinished spaces.





John Nelson House MIMA NHP, Second Floor Plan with room, door and window number assignments. Plan reproduced from John Milner Architects, Inc. "Minute Man National Historical Park, John Nelson House & Barn, Historic Structure Assessment Report", Chadds Ford, PA: November 2008.