



**NATIONAL PARK SERVICE
INTERIOR REGION 1
HACE**



MINUTE MAN NATIONAL HISTORICAL PARK

STRATEGIC FACILITIES PLAN

Project Development

*Prepared by the Historic Architecture, Conservation and Engineering Center
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OVERVIEW

As Minute Man National Historical Park (NHP) prepares for the nation's 250th anniversary on April 19, 2025, the park will use the Legacy Restoration Fund established by the 2020 Great American Outdoors Act to address much needed maintenance of the park's facilities, infrastructure, historic structures, and landscapes. This Strategic Facilities Plan describes proposed projects to be implemented within the Minute Man NHP with a focus on bringing maintained assets into good condition and developing a long term strategy for maximizing efficiencies and revenue to meet mission requirements.

A seven-mile linear park with four distinct units, the Minute Man NHP spans three towns--Concord, Lincoln, and Lexington, Massachusetts—and attracts more than one million visitors a year. The park's mission is to preserve the historic sites, structures, properties, and landscapes associated with the opening battles of the American Revolution. The park also preserves resources related to America's literary tradition, including The Wayside, home of three nineteenth century American authors. The park maintains some 200 assets, including about 1,000 acres of maintained landscape and twelve witness structures present at the time of the Battles of Lexington and Concord on April 19, 1775. In 2025, the park will commemorate the 250th anniversary of those battles, and anticipates numerous special events and increased visitation.

This Project Development Report evolved from several previous strategic planning efforts, including a pilot Strategic Facilities Plan (2017), Resource Stewardship Strategy (2019), and a Leasing Business Plan Strategy (2020). Developed by the NPS Historic Architecture, Conservation and Engineering Center (HACE) in conjunction with MIMA staff, it serves as a comprehensive, realistic strategy to bring the park's most important assets into "GOOD" condition and includes detailed assessments, scopes of work, and cost estimates for most all the deferred maintenance of structures and landscapes at the park.

A key component to maintaining the properties after this work is completed is a new leasing strategy, which has identified a total of 12 assets that can be leased (an increase of ten over the current two leased assets). While most of the properties in this document are maintaining their current uses, the following properties will be leased after work is completed: Joshua Brooks, Elisha-Jones, Inferrera, Stow-Hardy, George Hall, East Quarter School, and Barker House.

In summary, the Strategic Facilities Plan projects includes the following work:

- Rehabilitate eight witness structures' interiors and exteriors and ten cultural landscapes
- Rehabilitate 5.5-mile Battle Road Trail and 0.5-mile North Bridge Trail
- Rehabilitate the exteriors of eight post-1775 National Register-listed structures
- Rehabilitate interiors of five National Register-listed structures for leasing
- Rehabilitate exterior, interiors and systems of two operational historic structures.
- Replace seven deficient or unused septic systems
- Replace one domestic water well
- Treat and preserve plaques and monuments
- Replace existing (300) park signs
- Demolish six peripheral farm structures in poor condition

Minute Man National Historical Park

National Park Service
U.S. Department of the Interior



SECTION 01

BUILDINGS

MAJ. JOHN BUTTRICK HOUSE

Witness Structure

Housing/Facility/Interpretation

Major John Buttrick, one of the fourth generation of Buttricks in Concord, was charged with the raising of militia from within the township. His father, Jonathan Buttrick, built the house on family property between 1710 and 1717. It was a two-story, rectangular with an ell on the northwest side. Like most Colonial era homes, it has seen many alterations over the years.



EXTERIOR ENCLOSURE

- Replace Bulkheads
- Rehabilitate Shutters

MECHANICAL SYSTEMS

- Replace Electrical Service Panel (2)
- Replace Main Service Disconnect (2)
- Install Arc Fault Circuit Interrupters - 2 Panels
- Remove and Replace interior main water service line, including meter
- Remove and Replace Domestic Water Supply Manifold
- Remove and Replace Piping and Fittings as Required

ELISHA JONES HOUSE

Witness Structure

Residential Lease

The Elisha Jones House (a.k.a. The “Bullet Hole House”), built approx. 1740, played an important role in the history of Concord as a Witness House to the Battle of 1775. Only yards from the bloody fighting at Concord’s North Bridge, the house is thought to bear the scar of a British musket ball aimed at Elisha Jones on April 19, 1775.



SUPERSTRUCTURE

- Sill and Post Repairs - North Wall Garage
- Sill Replacement - Ell Shed
- Wall Stabilization - Upper Floor Ell

EXTERIOR ENCLOSURE

- Repair or Replace Deteriorated Wall Cladding
- Rehabilitate Wood Window Sash and Frames
- Repair or Replace Deteriorated Trim
- Selective Repointing of stone foundation
- Prep and Paint siding, trim and openings
- Repair or Replace Wood Elements at Porches
- Repair Deteriorated Wood Shutters
- Rehabilitate Exterior Doors
- Remove and Replace Steel Bulkhead
- Provide pest management service/application

MECHANICAL SYSTEMS

- Install Arc fault circuit interrupters
- Remove and Replace Service Panels
- Remove and Replace Main Disconnect
- Replace aged/deteriorated boxes/fixtures
- Replace aged/deteriorated conductors as required

THE WAYSIDE

Witness Structure

Interpretation

The Wayside was initially home to Samuel Whitney, who was muster master for Concord's minute man companies and a delegate to the Provincial Congress. He stored ammunition at his home for the Revolutionary cause. In the 19th century, the house acquired even greater significance as the home of the noted author Louisa May Alcott, and, later, American novelist Nathaniel Hawthorne.



EXTERIOR ENCLOSURE

- Prep and Paint siding, trim, openings
- Rehabilitate Sash and Frames
- Rehabilitate Exterior Doors
- Repair Wall Cladding and Trim
- Remove and Replace Bulkhead
- Repair Coal Bin
- Rehabilitate Exterior Shutters
- Rehabilitate Storm Sash

MECHANICAL SYSTEMS

- Replace Deteriorated/Defective Valve, Joint and Piping - Steam Heat System
- Replace Damaged Plumbing Vent Stack Pipe Section
- Repair and/or replace aged and non-code compliant electrical infrastructure

WAYSIDE BARN

Interpretation

EXTERIOR ENCLOSURE

- Prep and Paint Exterior siding, trim, openings
- Rehabilitate Sash and Frames
- Rehabilitate Exterior Doors
- Remove and Replace rear gutter and downspouts
- Refinish boardwalks and railings



GOWING-CLARK HOUSE

Residential Lease

Situated across Old Bedford Road from Miriam's Corner, the location where the running battle began as British troops retreated to Lexington, the land on which the Gowing-Clark House sits is important in the interpretation of the historic battle that occurred between British and American troops. Constructed c. 1836, the building itself reflects its use as the center of operations for a typical New England nineteenth-century farm along the Battle Road.



FOUNDATIONS

- Provide selective repointing to foundations

EXTERIOR ENCLOSURE

- Remove, Repair and/or Replace deteriorated clapboard siding
- Remove, Repair, and/or Replace deteriorated trim as required
- Remove and Replace wood shingle siding
- Remove and replace cellar bulkhead
- Rehabilitate entry doors
- Rehabilitate wood window sash
- Remove and replace storm windows
- Provide treatment and monitoring for insect and pest management
- Prep and Paint siding and trim
- Refinish porch flooring
- Remove and Replace Gutters and Downspouts

SITE IMPROVEMENTS

- Rehabilitate graveled driveway and parking surfacing

EAST QUARTER SCHOOL

Residential Lease

The Town of Concord erected the Second East Quarter Schoolhouse (c. 1854) on land that was historically part of the Meriam farm. Its architectural style is similar to other local schoolhouses built during this era. Following the school's closure in 1887; it was converted to residential use in 1903-04.



BASEMENT CONSTRUCTION

- Replace failed steel pipe columns

SUPERSTRUCTURE

- Repoint Chimney

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated or damaged wood shingle siding
- Repair and/or Remove and Replace deteriorated trim
- Prep and repaint exterior siding, casings, and trim
- Rehabilitate entry doors
- Remove and replace combination storm doors
- Rehabilitate wood window sash
- Remove and replace storm windows

ROOFING

- Remove existing slate shingle roof
- Remove and Replace deteriorated sheathing
- Install asphalt shingle roof, including underlayments, flashings and trim, complete
- Remove and Replace porch asphalt shingle roofing
- Remove and Replace gutters and downspouts

INTERIOR BUILDOUT FOR LEASING REQUIREMENTS

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms
- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required

MECHANICAL SYSTEMS

Electrical

- Replace electric panel with new main breaker load center having arc fault circuit interrupters

Fire, Communications, and Security

- Provide code compliant heat detection devices throughout
- Provide new fire/burglary system

Site Work

- Install updated code compliant septic system

PALUMBO FARM

Demolition

Located in the Meriam's Corner portion of the Battle Road Unit, Palumbo farm encompasses approximately 17 acres of land purchased by the Palumbo family in 1926. On the south side of North Great Road are the Palumbo Farm Enclosed Garage and the Open Metal Shed, both constructed in the 1950s, and the more recent Farm Shed. All extant structures on Palumbo Farm are significant for their association with the modern agrarian period in Concord. The buildings reflect typical utilitarian mid-20th century design.



SITE PREPARATION

Hazardous Material Testing

- Asbestos Survey to be performed at 4 farm buildings and a report prepared in accordance with 310 Mass. Reg. 7.15.
- If asbestos-containing material is found, it is to be removed and disposed of in accordance with all local, state, and federal regulations. MassDEP is to be notified.

Utility Disconnection

- Identify the type and location of site utilities such as gas, electric, water service lateral, public sewer lateral, on-lot well or on-lot sewer system.
- Electrical, gas, and water services, if any, to be shut off by serving utilities. Electrical and gas services to be shut off by licensed electrician/plumber. Electrical or water service required to perform demolition is to be furnished by an outside source.
- Utility connections to be capped in accordance with rules and requirements of the applicable governing authority.
- Identify if there are any existing underground or aboveground storage tanks (combustible or flammable) present on the property. Obtain permit for removal if needed.
- If public sewer – abandon and cap off lateral at surface at curb with stamped pipe. If septic tank – pump, remove and dispose of tank and piping or abandon in place.
- If well exists - abandon existing well, remove pump, fill shaft with clean stone and cap 12" below finished grade.

DEMOLITION

- Protect existing adjacent actively cultivated agricultural fields to the north of structures and wetland area to the south.
- Carefully remove and store all items to be salvaged, if any, upon direction of NPS.
- Demolish structures. Remove all floors, foundations, footings, basement and retaining walls to a minimum of eighteen inches below grade, or as otherwise required.
- Remove all asphalt and other hard paving surfaces on the site.
- Remove utility pole.
- Dispose of all materials in a safe and efficient manner in accordance with all local, state and federal regulations. Include all hauling, disposal fees, and dump fees.

SITE PREPARATION

- Backfill the footprint of each demolished structure as needed and fill any other depressions with clean, compacted earth.
- Clear overgrown brush and grub stumps from site.
- Roughly grade site, match existing neighboring grades, and provide slope so that surface is smooth with adequate drainage to prevent water ponding.
- Provide layer of topsoil.
- Landscape is to be left in good condition for future projects, such as restoring agricultural fields, orchards, or installing trails.

GEORGE HALL HOUSE

Residential Lease

The wood-framed farmhouse now known as the George Hall House faces the historic “Battle Road”. Although a structure may have occupied this site as early as 1639, the extant house was erected ca. 1865 on the site of a home occupied by Deacon George Minot between 1765 and 1808.



FOUNDATIONS

- Selectively repoint brick foundation wall
- Reconstruct failed sections of brick and stone foundation walls
- Provide structural shoring as required
- Pour new concrete footings

SUPERSTRUCTURE

- Floor Construction
- Infill/patch missing first floor system at NW corner
- Remove rotted porch posts and associated framing
- Provide replacement front porch posts; reinforce framing to remain, as required
- Provide 1x4 front- and side-porch flooring
- Roof Construction
- Selectively repoint brick chimney
- Provide replacement roof sheathing

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace wood clapboard siding as required
- Repair and/or Remove and Replace deteriorated trim
- Remove and replace wood lattice panels at side porch
- Prep and repaint exterior siding, soffits and trim
- Rehabilitate wood window sash
- Remove and Replace storm windows
- Replace basement windowsill
- Rehabilitate entry doors
- Remove and Replace door assembly on side porch
- Prep, repair and refinish wood gutters and metal downspouts

ROOFING

- Remove and Replace all asphalt shingle roofing including underlayments, trim and flashings
- Replace lead and galvanized steel chimney flashing
- Replace and replace wood gutters and galvanized steel downspouts

INTERIOR BUILDOUT FOR LEASING REQUIREMENTS

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms
- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required

SITE WORK

- Install updated code compliant septic system
- Install driveway and walking paths

CARTY BARN

Agricultural Lease

The Carty Barn, also referenced as The Barn at the Farwell Jones Site, was constructed c.1903. Its historical significance is its association with the agricultural use of the property in the early 18th century. The 2 ½-story post and beam barn is the largest structure in the park, measuring 40 feet by 80 feet in plan, and includes an attached silo and Milk House.



FOUNDATIONS

- Rehabilitate Stone Foundation

SUPERSTRUCTURE

- Remove and Replace Deteriorated and/or Missing Structural Framing
- Replace wood decking/planking on Ramp at N. Elevation

EXTERIOR ENCLOSURE

- Replace exterior wood siding as required.
- Provide in-kind replacements for missing and damaged exterior door and window casings.
- Prep and repaint exterior siding, soffits and trim, complete.
- Repair Louver Gable Vent – North Elevation
- North Elevation Track Door
- Replace Upper Track Cover
- Reinstall lower track to provide full operation of door.
- Exterior Windows
- Repair/renew/re-glaze operable wood windows
- Exterior Doors - Prep, repair and refinish

ROOFING

- Sheet Metal Flashings
- Remove and Replace Flashing at Cupola, Milk House and Silo Connector
- Restore weathervane

SITE IMPROVEMENTS

- Re-Grade and Stabilize Earthen Ramp

ELECTRICAL

- Remove and Replace service panels
- Remove and Replace exterior lighting fixtures

FARWELL JONES HOUSE

Residential Lease/Housing

Farwell Jones House was part of a farmstead established as early as 1686, although the Farwell Jones House itself dates to the early 18th century and was extant by 1716. The House is significant to the agricultural history of the district and as part of a collection of thirteen Colonial-period dwellings representative of local building trends from the early 18th century through the mid-20th century.



FOUNDATIONS

- Selective repair and repointing of stone foundation wall
- Selective replacement of concrete apron at foundation perimeter

BASEMENT

- Perform pest inspection, treatment and/or mitigation at wood structural framing
- Repoint/repair brick chimney base
- Repoint/repair brick structural columns

SUPERSTRUCTURE

- Selective replacement/repair/augmentation of first floor framing members
- Replace deteriorated/undersized support columns
- Selective replacement of deteriorated wood sill at perimeter basement wall

EXTERIOR ENCLOSURE

- Preserve, repair and/or replace in-kind deteriorated wood shingle and clapboard siding
- Selective replacement of wood wall sheathing
- Repair and/or Remove and Replace deteriorated wood trim
- Preserve and perform selective repairs at wood porch elements
- Selective repointing at exterior brick chimney masonry and cap
- Prep and Paint wood siding, trim and foundation masonry walls
- Rehabilitate wood window sash
- Rehabilitate entry doors
- Remove and Replace cellar bulkhead

ROOFING

- Remove and Replace asphalt roofing including underlayments, trim and flashings
- Selective replacement of deteriorated roof sheathing

INTERIOR FINISHES

- Paint/refinish all first floor, second floor and attic walls.
- Paint/refinish all first floor, second floor and attic ceilings
- Paint/refinish all first floor, second floor and attic floors
- Paint refinish all interior doors and frames
- Paint/refinish all interior surfaces of windows and frames

MECHANICAL/ELECTRICAL/FIRE PROTECTION SYSTEMS

- Perform selected upgrades and improvements to HVAC, plumbing, electrical and fire detection/notification systems

STOW-HARDY HOUSE

Historic Structure

Residential Lease

The Stow-Hardy house likely replaced a 17th-century structure thought to be occupied by Olive Stow and her children during April of 1775. Constructed c. 1786 by Ebenezer Hardy, husband of Olive Stow's daughter Sarah ca. 1781-82, the home remained occupied by Olive until her death in 1811.



FOUNDATIONS

- Repair/repoint stone foundation wall
- Point cracks in poured concrete basement window wells

SUPERSTRUCTURE

Floor Construction

- Remove and replace various girts and connecting joinery
- Remove/replace and/or repair/reinstall joists at Kitchen, NW and NE quads
- Remove and replace portion of west-elevation sill – remove/replace/splice
- Repair various girt connections to north and south sills
- Repair floor assembly at Entry Hall

Roof Construction

- In attic, remove temporary light-framed shoring
- Install intermediate purlins between existing purlins, provide custom hangers to principal rafters
- Install mid-span brace work
- Treat timbers with Bora-care
- Fit and reinstall existing plank flooring; install new plank flooring

Interior Frame

- Repair post bottoms (splice)
- Secure post to girt connections
- Girt repair (splice, post connection)
- Wall frame repairs

Exterior Frame

- Repair stud bottoms and brace bottoms
- Install new bracing as required
- Replace base sills as required
- Re-establish post connections to base sill

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated wood clapboards
- Repair and/or Remove and Replace deteriorated wood trim
- Re-fasten loosened hand-wrought siding nails. Prime all nail heads with zinc-rich primer and topcoat
- Prep and Paint clapboard siding and trim
- Treat north elevation with penetrating stain

Exterior Windows

- Rehabilitate wood window sash
- Prep and refinish pegged plank frames, architraves and hood moldings

Exterior Doors

- Rehabilitate all entry doors
- Replace and Replace deteriorated thresholds
- Rehabilitate surrounds including architrave, pediment and joiners work
- Remove and Replace cellar bulkhead
- Replace/upgrade locksets at 2 exterior doors – Best hardware with interchangeable cylinders
- Provide galvanized steel hasp and stainless-steel padlock (interchangeable cylinder compatible with Best Co. locks) at bulkhead

INTERIOR BUILDOUT For Leasing requirements

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms
- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required

Communications & Security

- Provide fire/burglary panel with remote keypad and door/window sensors throughout first floor

Hazardous Components Abatement

- Remove/abate vinyl-asbestos floor tile (VAT) and associated mastic cement.

Site Work

- Install updated code compliant septic system

HOVAGIMIAN BARN

Lease

This concrete block agricultural structure was constructed c.1945, replacing an earlier barn. As a “modern” structure the barn retains those materials and features representative of its period. The barn may have been used as a chicken coop by the last owner of the house, Hagop Hovagimian, whose profession was “egg dealer”.



FOUNDATIONS

- Repoint and Infill stone foundation as required
- Repoint CMU wall units as required
- Clean stone foundation and CMU walls

EXTERIOR ENCLOSURE

- Apply wood preservative to gable siding, eave, and rake
- Remove, Repair, and/or Replace deteriorated trim as required
- Rehabilitate entry doors
- Rehabilitate wood window sash

ROOFING

- Remove and Replace asphalt shingle roof
- Remove and Replace gutters and downspouts

ELECTRICAL

- Complete electrical system upgrade project

INFERRERA HOUSE AND FARM STAND

Residential Lease

The Inferrera Farm includes 2.05 acres of land on the north side of North Great Road, on which four structures currently stand. The Inferrera family constructed a Dutch-Colonial Revival style house (ca.1927) which is reflective of national trends in architecture during the 20th century and is associated with the modern agrarian period in Concord.



FOUNDATIONS

- Repair / repoint stone foundation walls
- Remove and replace cement parging at exterior of foundation walls

BASEMENT

- Replace insulation at underside of first floor
- Repoint brick masonry and replace spalled bricks at chimney
- Termite evidence was observed during a recent site visit – perform inspection and removal as needed

EXTERIOR ENCLOSURE

Exterior Walls

- Remove aluminum/vinyl siding
- Repair, prepare, prime, and paint existing wood clapboards beneath siding
- Replace all wood trim, including soffits, rake boards, fascia, etc. Prime and paint

Exterior Windows

- Refurbish, prepare, prime, and paint all wood windows and casings
- Install new aluminum storm windows at double-hung windows

Exterior Doors

- Refurbish, prepare, prime and paint (3) exterior wood doors
- Replace (2) storm/screen doors

ROOFING

- Replace asphalt shingle roofing, including felt underlayment and ice & water shield at eaves
- Replace lead-coated copper flashing at perimeter of chimney and vent stacks
- Repoint mortar joints and replace spalled brick at chimney
- Replace wood gutters and corrugated metal downspouts

INTERIOR BUILDOUT For Leasing requirements

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms

- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required
- Provide compliant heat and smoke detectors with associated power feeds and hardware

SITE WORK

- Install updated code compliant septic system

INFERRERA GARAGE AND COOP

Demolition and Site Preparation

DEMOLITION

- Carefully remove and store all items to be salvaged, if any, upon direction of NPS.
- Demolish 2 structures. Remove all floors, foundations, footings, basement and retaining walls to a minimum of eighteen inches below grade, or as otherwise required.
- Remove all asphalt and other hard paving surfaces at the site.
- Dispose of all materials in a safe and efficient manner in accordance with all local, state and federal regulations. Include all hauling, disposal fees, and dump fees.



SITE PREPARATION

- Backfill the footprint of each structure and fill any other depressions with clean, compacted earth.
- Clear overgrown brush and grub stumps from site. Protect existing historic stone walls to remain. Protect existing trees to remain.
- Roughly grade site, match existing neighboring grades, and provide slope so that surface is smooth with adequate drainage to prevent water ponding.
- Provide layer of topsoil and seeding.
- Landscape is to be left in good condition for future projects, such as restoring agricultural fields, orchards, or installing trails.

SAMUEL BROOKS HOUSE

Witness Structure

Housing

The Samuel Brooks house stands along the Battle Road and was witness to the April 19, 1775 battle that marked the beginning of the American War for Independence. The house was the center of a large farm that operated into the 1930s. The house is significant for its association with a founding family of Concord, with Samuel Brooks' active role in the ongoing war, and with the house's role as homestead for an operating farm through the 19th century.



FOUNDATIONS

- Selective repair and repointing of stone foundation

BASEMENT

- Perform pest inspection and treatment
- Install exterior and interior drainage improvements
- Improve interior drainage to sump conditions
- Install moisture barrier membrane at floor

SUPERSTRUCTURE

- Selective replacement/repair/augmentation of deteriorated first floor framing members
- Selective replacement of deteriorated wood sill at perimeter basement wall

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated wood clapboard siding
- Selective replacement of wood wall sheathing
- Repair and/or Remove and Replace deteriorated wood trim
- Repair and/or perform selective replacement of wood porch elements
- Selective repairs and repointing at brick chimney masonry and cap
- Prep and Paint wood siding and trim
- Paint exterior doors and windows
- Rehabilitate wood window sash
- Rehabilitate wood doors and frames
- Remove and Replace deteriorated wood bulkhead
- Provide treatment and monitoring for insect and pest management

INTERIOR CONSTRUCTION

- Selective architectural upgrades and improvements to comply with Life Safety Code (NFPA 101)

ROOFING

- Remove and Replace wood shingle roof including underlayments, trim and flashings
- Selective replacement of deteriorated roof sheathing

INTERIOR FINISHES

- Paint/refinish all first and second floor walls and ceilings
- Paint/refinish all first and second floor finishes
- Paint/refinish all interior doors and frames
- Paint/refinish all interior surfaces of windows and frames
- Selective floor repairs including resetting of loose fireplace hearth brick units

MECHANICAL SYSTEMS

- Remove and Replace Boiler
- Perform selected upgrades and repairs systems
- Install upgraded dehumidification/ventilation system at basement

NOAH BROOKS TAVERN

Housing

Noah Brooks built the tavern c.1798 to take advantage of the lucrative commercial traffic on the North Great Road that began after the Revolutionary War and continued to the mid-19th century. Samuel Hartwell built the attached carriage house and a large connected barn when he operated the property as an apple orchard. The Tavern operated from circa 1798 to the 1840s, and the apple orchard and dairy farm from the 1850s through the 1930s.



FOUNDATIONS

- Provide selective foundation repointing as required
- Provide footings and pier assembly for east and west porch

SUPERSTRUCTURE

- Remove and Replace porch floor structures
- Remove and Rehabilitate porch columns
- Provide selective repointing of brick chimneys
- Prep and re-coat chimneys

EXTERIOR ENCLOSURE

- Remove and Replace porch flooring
- Remove and Replace cellar bulkhead
- Remove, Repair and/or Replace deteriorated clapboard siding as required
- Remove, Repair, and/or Replace deteriorated trim as required
- Rehabilitate entry doors
- Rehabilitate wood window sash
- Rehabilitate wood shutters
- Prep and Paint siding and trim
- Prep and Paint masonry walls
- Provide treatment and monitoring for insect and pest management

ROOFING

- Remove and Replace wood shingle roof
- Remove and Replace Chimney Flashings
- Remove and Replace flat seam copper porch roofs

MECHANICAL SYSTEMS

- Upgrade bathroom electrical to include GFCI circuitry
- Upgrade service panel
- Install Arc Fault Circuit Interrupters
- Remove and Replace Boiler

ROGERS BARN

Maintenance Facility

Located at the Noah Brooks Tavern site, the Rogers Barn was built on the existing Hartwell barn foundation after a fire destroyed the latter building in 1938. The building is a prominent feature in the Brooks Village cultural landscape and currently houses the Park's carpentry shop.



FOUNDATIONS

- Provide selective repointing to brick and stone foundations

BASEMENT

- Remove and Replace sump pump
- Install dehumidification system

EXTERIOR ENCLOSURE

- Remove, Repair and/or Replace deteriorated clapboard siding as required
- Remove, Repair, and/or Replace deteriorated trim as required
- Rehabilitate entry doors
- Rehabilitate wood window sash
- Remove and replace storm windows
- Prep and Paint siding and trim
- Provide treatment and monitoring for insect and pest management

MECHANICAL SYSTEMS

- Remove and Replace basement furnace

JOSHUA BROOKS HOUSE

Witness Structure

Residential Lease

Deacon Joshua Brooks built the house circa 1780 for his son Joshua Brooks Jr., a Minute Man at the battle of the North Bridge in Concord in 1775. The House is a significant example of late 18th C. domestic architecture and the land itself had seen continual family occupation from 1666. The historical significance of this post-1775 structure lies in its contribution to the rural and farming character of the Concord and Lincoln areas.



FOUNDATIONS

- Selective repair and repointing of stone foundation walls
- Selective repair and repointing of masonry stoops

BASEMENT

- Perform pest inspection and treatment at wood structural framing
- Remove insulation from first floor joist bays

SUPERSTRUCTURE

- Selective replacement/repair/augmentation of deteriorated first floor framing members
- Selective replacement of deteriorated wood sill at perimeter basement wall
- Selective repairs and repointing at exterior brick chimney masonry and cap

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated wood clapboard siding
- Selective replacement of wall sheathing
- Repair and/or Remove and Replace deteriorated wood trim
- Prep and Paint siding and trim
- Rehabilitate wood window sash
- Rehabilitate wood doors and frames, including garage entry
- Remove and Replace front entry door
- Remove and replace cellar bulkhead
- Provide treatment and monitoring for insect and pest management

ROOFING

- Remove and Replace wood shingle roof including underlayments, trim and flashings
- Selective replacement of deteriorated roof sheathing

INTERIOR BUILDOUT FOR LEASING REQUIREMENTS

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms
- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required

SITE WORK

- Install updated code compliant septic system

BARKER HOUSE AND GARAGE

Residential Lease

Constructed c. 1940, this house is one of many modern era structures built along the historic Battle Road. The building has been retained by the park as a leasing program asset.



FOUNDATIONS

- Remove and Replace basement window wells
- Remove and Replace landing at front and rear entries
- Selectively repoint and infill foundation, as required

SUPERSTRUCTURE

- Remove and Replace deteriorated structural members in roof, ceilings, and floor structures, as required

EXTERIOR ENCLOSURE

- Remove and Replace deteriorated siding
- Remove and Replace deteriorated trim
- Prep and Paint Siding, Trim, Windows, and Doors
- Rehabilitate Window Sash
- Rehabilitate Doors; Remove and Replace storm doors
- Remove and Replace gutters and downspouts

ROOFING

- Provide sectional replacement as required to asphalt shingle roofing – House
- Install new flashing components at dormer sidewalls
- Remove and replace asphalt shingle roof – Garage
- Selective replacement of deteriorated roof sheathing - Garage

INTERIOR BUILDOUT For Leasing requirements

- Rehabilitate and/or replace interior finishes
- Renovate existing kitchen and bathrooms
- Upgrade and/or repair electrical and plumbing distribution systems
- Upgrade heating system and distribution as required

SITE IMPROVEMENTS

- Install updated code compliant septic system
- Remove dead, damaged and encroaching tree and vegetative growth.
- Install driveway, walks and paved surfaces as required
- Grade and seed immediate area surrounding house and garage

MCHUGH BARN

Interpretation

Rebuilt in 1939 atop the original c. 1830 fieldstone foundation this barn occupies a prominent position at the Ephraim Hartwell Tavern site. The building serves as an adjunct to the visitor experience, housing school groups and interpretive programs, while standing testament to the area's agricultural heritage.

FOUNDATIONS

- Selectively Repoint and Infill stone foundation

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated clapboard siding
- Repair and/or Remove and Replace deteriorated trim
- Rehabilitate entry doors and frames
- Rehabilitate wood window sash
- Prep and Paint siding and trim
- Provide treatment and monitoring for insect and pest management

ROOFING

- Provide selective replacement of wood roof shingles
- Apply wood preservative to wood shingle roof

ELECTRICAL

- Provide allowance for upgrades to existing electrical system



HARTWELL TAVERN

Witness Structure

Interpretation

The Hartwell Tavern was constructed 1732-1733, a gift from Samuel Hartwell to his newly married son Ephraim. The house was a family residence and farmhouse until 1756 when Ephraim applied for an innkeeper license. The tavern served witness to the events of 1775, being on the “Bay Road” that the British troops used on April 19.



BASEMENT

- Install moisture barrier membrane with graveled surfacing atop dirt floor
- Install active dehumidification system
- Clean and Treat mold and mildew growth on floor timbers

SUPERSTRUCTURE

- Investigate and develop treatment plan, and provide repairs to summer beam and girt connection

EXTERIOR ENVELOPE

- Rehabilitate or Replace foundation sash, frame, and sill
- Provide gap sealing measures to exterior doors

INTERIOR FINISHES

- Provide conservation treatment to decorative painted ceiling
- Provide infill refinish to limewash kitchen ceiling
- Provide plaster re-adhesion treatment to second floor ceiling

MECHANICAL SYSTEMS

- Upgrade heating system to include west addition

REGO HOUSE AND GARAGE

Ranger Station

Constructed c. 1890-1910, the Rego House retains many of its original architectural features. The building currently serves as the Park's Ranger Station.

FOUNDATIONS

- Provide selective repointing to foundations
- Provide selective repointing to chimney

EXTERIOR ENCLOSURE

- Remove, Repair and/or Replace deteriorated clapboard siding
- Remove, Repair, and/or Replace deteriorated trim as required
- Remove and replace cellar bulkhead
- Rehabilitate entry doors
- Remove and Replace rear entrance railings
- Rehabilitate wood window sash
- Remove and replace storm windows
- Prep and Paint siding and trim
- Refinish porch flooring
- Provide treatment and monitoring for insect and pest management



ROOFING

- Remove and Replace asphalt shingle roofing including underlayments, trim and flashings
- Remove and Replace deteriorated roof sheathing
- Remove and Replace gutters and downspouts
- Remove and Replace chimney flashing

MECHANICAL SYSTEMS

- Repair, Upgrade, and/or Remove and Replace existing components and infrastructure as required for interior rehabilitation effort

SITE IMPROVEMENTS

- Install new well and associated infrastructure for domestic water service
- Install updated code compliant septic system

SAMUEL HARTWELL SHELTER

Witness Structure

Interpretation

The Sgt. Samuel Hartwell House, located along the Battle Road was built between 1693 and 1716 by Samuel Hartwell Jr. In 1775, at the start of the Revolutionary War, the house was occupied by his grandson, Samuel III, a Sergeant in Captain William Smith's Company of Lincoln Minute Men. The house was destroyed in a series of fires that took place in the late 1960's, leaving only the central chimney intact.



CHIMNEY

- Perform laboratory analysis on brick and mortar samples
- Source replacement brick to match historic masonry
- Perform masonry mockup for review and approval
- Clean staining and biological growth from existing brick and stone
- Rake and repoint all mortar joints with approved mortar and tooling
- Selectively Remove and Replace cracked or spalled bricks
- Remove and Replace deteriorated wood lintels in kind
- Rehabilitate existing iron lintels to remain
- Remove and Replace cement chimney crown
- Extricate expanded polyurethane foam fill from chimney flues
- Install parge work at interface with roof flashings

SHELTER FRAME

- Remove all plant growth from interior of shelter
- Remove and Replace deteriorated structural timber
- Remove and Replace all fascia, soffit, and rake boards
- Prep and Refinish all timber and woodwork
- Remove and Replace non-compliant perimeter railings
- Repair cracked entrance stone with stainless steel pins set in epoxy
- Remove and reset displaced rubble stone at bulge along East foundation wall
- Clean and stain existing cast-in-place concrete sill
- Remove and Replace wood cellar bulkhead

SHELTER ROOFING

- Remove and Replace wood shingle roof, including underlayments, trim and flashings
- Remove and Replace deteriorated roof sheathing as required
- Remove and replace lead apron and step flashing at chimney perimeter

CAPT. WILLIAM SMITH HOUSE

Witness Structure

Interpretation

The Captain Smith House, built c. 1692, belonged to William Smith and his wife Catharine Louisa during their marriage. Smith was a Captain of the Lincoln Minutemen militia and was responsible for alerting the Minute Men of Lincoln that the British were marching to Concord. His sister was Abigail Smith Adams, wife of President John Adams.



FOUNDATIONS

- Provide spot repointing and infill to stone foundation

BASEMENT

- Install moisture barrier membrane with graveled surfacing atop dirt floor
- Install active dehumidification system
- Clean and Treat mold and mildew growth on floor timbers

SUPERSTRUCTURE

- Perform detailed structural investigation of suspected damage locations
- Provide scope, design criteria and allowance for repair
- Document and monitor west chamber tie beam. Reduce attic load above

EXTERIOR ENCLOSURE

- Repair and/or Remove and Replace deteriorated riven clapboard
- Re-fasten existing clapboarding
- Remove and Replace deteriorated wide plank siding
- Repair and/or Remove and Replace deteriorated trim
- Rehabilitate wood window sash
- Rehabilitate plank frames
- Rehabilitate doors and surrounds
- Prep and Paint finished wood elements
- Clean and apply wood preservative to unpainted components
- Rehabilitate cove cornice plaster and structural grounds

ROOF

- Remove and Replace wood shingle roof, including underlayments and flashings
- Remove and Replace deteriorated/damaged roof sheathing
- Remove and Replace chimney flashing
- Rehabilitate chimney parging

INTERIOR FINISHES

- Install HOBO Data Loggers
- Provide surface treatment on structural timber for insect and mold/mildew
- Repair or Replace entry hall flooring and threshold
- Selective wall plaster repair to walls and ceilings
- Selective paint refinishing to walls and ceilings

ELECTRICAL

- Remove and Replace two service panels
- Remove and Replace circuit breakers

MECHANICAL SYSTEMS

- Develop design criteria for heat and dehumidification

NELSON BARN

Facility

An integral element of the Nelson Farm site, this three bay English style barn was constructed c.1810 with additions in 1830 and 1900. The evolution of this structure represents two centuries of agricultural use and adaptation, showcasing the strong agrarian heritage of the area.

FOUNDATIONS

- Repoint and Infill stone foundation as required

SUPERSTRUCTURE

- Remove and replace deteriorated structural members including sills, posts and studs

EXTERIOR ENCLOSURE

- Remove and Replace wood shingle siding from Parlor Ell
- Remove, Repair and/or Replace deteriorated trim as required
- Rehabilitate North elevation Parlor Ell doors
- Replace missing exterior doors
- Rehabilitate wood window sash
- Replace missing wood window sash
- Apply wood preservative to shingle siding, trim and doors
- Prep and Paint fascia, rake, and soffit
- Provide treatment and monitoring for insect and pest management

ROOFING

- Provide selective replacement of wood roof shingles
- Apply wood preservative to wood shingle roof

SITE IMPROVEMENTS

- Trim and/or remove encroaching tree and/or tree limbs



HARGROVE BARN

Interpretation

Located on the Jacob Whittemore house site, this three bay English style barn was constructed in the 19th century and relocated to the site in 1977. Retaining its original plan, the barn represents the vernacular architecture of the region's agricultural heritage.



EXTERIOR ENCLOSURE

- Remove and Replace wood shingle siding
- Remove, Repair and/or Replace deteriorated trim as required
- Rehabilitate wood plank doors
- Make repairs to door frame; Remove and Replace threshold
- Rehabilitate wood window sash
- Prep and Paint soffits and rafter tails
- Provide treatment and monitoring for insect and pest management

ROOFING

- Remove and Replace wood shingle roof
- Remove and replace deteriorated roof sheathing as required
- Remove and replace gutters and downspouts

JACOB WHITTEMORE HOUSE

Witness Structure

Interpretation

The Whittemore House is located just northwest of “the Bluffs”, the rallying point for the retreating British soldiers on April 19. The building was constructed ca. 1754 by Nathaniel Whittemore. Nathaniel died shortly after construction and left the house to his son, Jacob Whittemore, who owned and lived at the property at the time of the battle.



FOUNDATIONS

- Provide spot repointing and infill to stone foundation
- Repoint brick areaway walls and steps

SUPERSTRUCTURE

- Replace deteriorated section of base sill – South Elevation
- Replace deteriorated section of Southwest corner post
- Install timber shoring under existing structural timbers as required
- Make repairs to damaged attic top plate on the south façade.
- Repair girt above door to the attic stair
- Repair areaway door frame

EXTERIOR ENCLOSURE

- Remove and Replace clapboard siding and wall sheathing to facilitate structural repair
- Repair and/or Remove and Replace deteriorated clapboard siding
- Repair and/or Remove and Replace deteriorated trim
- Re-fasten clapboard nails
- Prep, Prime and Paint clapboards and trim
- Remove and Replace basement bulkhead
- Conserve and repair historic entrance surround
- Repair ramp post casing, trim, caps; inspect and re-fasten all deck boards
- Provide Treatment and Monitoring for insect and pest management

Windows/Doors

- Rehabilitate wood window sash
- Rehabilitate window plank frames
- Rehabilitate entry doors including frame and surrounds
- Remove and Replace basement entry door and frame

INTERIOR FINISHES

- Repair plaster ceiling at top of stair hall. Use adhesive to reattach plaster; prep and paint.
- Provide wall and ceiling refinish as required

HVAC

- Remove and Replace existing boiler, AHU, and associated piping

EQUIPMENT

- Install 3 wireless data loggers and base unit for environmental monitoring

SECTION 02

CULTURAL LANDSCAPES

TRAILS AND BOARDWALKS

Facility

The Battle Road trail and Groton Road encompass over six miles of pedestrian trails and boardwalks. This system links important witness landscapes and structures, providing the primary recreational and interpretive infrastructure used by park visitors.

REPAIR TRAIL SURFACING AND BOARDWALKS

- Repair erosion damage, revise surface drainage, repair trail surface along North Bridge Allee and at monument sites abutting the North Bridge
- Repair sections of Battle Road Trail, including repair of damage caused by erosion and use, leveling and grading to ensure safety and reliability of surface, and establishment of consistent trail widths depending on use on intent
- Repair erosion damage, revise surface drainage, repair trail surface at Hartwell Tavern and along connection between tavern and parking area
- Repair and/or replace nine boardwalks along the Battle Road Trail to ensure safety and accessibility of trail route



BARRETT'S FARM

Witness Landscape

The Barrett House and surrounding farm have been in continuous use since 1705. Col. Barrett was a leader in the colonial militia, and his home was one of the many searched by the British in the events leading up to the start of the War. The landscape includes Barrett House, agricultural structures and fields, and remnants of the system of stacked stone walls familiar to Massachusetts rural landscapes of the colonial period.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Stabilize barn foundation, add protective railings as appropriate and repair where needed, remove encroaching vegetation and invasive vines
- Clear woody vegetation and invasive species, re-establish perimeter, and restore meadow health in field behind house

REHABILITATE THE BARRETT HOUSE RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed lawn adjacent to house, between house and road
- Assess and remediate condition of trees within 100 feet of house, remains of house and barn foundations
- Assess condition of fruit trees, prune and shape for health and vigor
- Raise and reset stoops at front of house
- Raise and reset stone walks at front of house
- Repair erosion damage, verify downspouts flow away from building and remediate drainage issues
- Clear invasive vegetation from Lilac shrubs, reduce and correctively prune for height and shape

BARRETT'S FARM
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- - - Cultural Landscape Boundary
- - - Rock Wall
- - - Topographic Line
- Designated Pedestrian Trail
- Structure
- ▨ Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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DRAWN BY: MICHELLE SURBER
PRODUCED BY: THE HISTORIC ARCHITECTURE
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NORTH BRIDGE

Witness Landscape

The 114 acres of the North Bridge Cultural Landscape lie north of the Concord town center. The landscape contains the fabled North Bridge, site of one of the first skirmishes between British and Colonial forces during the Revolutionary War. The site encompasses several historic structures, from the witness houses of Major John Buttrick (1775) and Elisha Jones (1775), to the Buttrick Mansion complex (1911-1924). The landscape consists of open fields and designed landscapes, ranging from the commemorative North Bridge and Flint Fields to the Buttrick gardens. Many of the landscapes were developed as memorials to the war as part of subsequent anniversary and commemorative celebrations.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and around meadow perimeter, Groton Road trail, main roads around park
- Restore and repair stacked stone walls along main pedestrian path, Groton Road trail, main roads around park

IMPROVE PEDESTRIAN AREAS SURROUNDING THE NORTH BRIDGE

- Remove stumps and replace historic Sugar Maples and Lindens
- Remove encroaching and invasive vegetation from stacked stone walls
- Restore damaged stacked stone walls
- Repair or replace wooden benches along main trail
- Repair pavement in pedestrian path adjacent to restrooms
- Reset loose cap stones on bridge wing walls and repoint stonework where necessary
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species

REHABILITATE BUTTRICK MANSION GROUNDS

- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Assess and remediate condition of trees within striking distance of house and parking lot
- Remove stumps, apply herbicide and fill
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and road, boundary of parking lot
- Restore and repair stacked stone walls along main pedestrian path, Battle Road Trail
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Reset and repair brick patio and stairs behind mansion
- Develop path from back patio to main pedestrian path behind Buttrick Mansion

RESTORE BUTTRICK GARDEN COMPLEX

- Install low barrier or fence placed around historic weeping hemlock
- Remove invasive trees, shrubs, and vines throughout garden
- Remove non-historic plant materials and re-establish historic plantings where they are in poor condition or missing in terrace garden and rock garden
- Reduce historic plant materials to appropriate height for design throughout garden, especially in formal garden and sunken garden.
- Re-establish informal pathways in the lower terrace garden and rock garden
- Discourage use of social pathways in the lower terrace garden and rock garden
- Establish compatible plantings with historic character in sunken garden and formal garden - new plantings should have appropriate character for period and follow historic plans and patterns where possible
- Level fieldstone stair risers in terrace garden
- Restore historic columnar juniper plantings
- Restore historic views from overlook and sunken garden by reducing historic, overgrown trees and shrubs, removal of conflicting, non-historic plant materials
- Add compatible hand railings where feasible to improve safe travel through site

REHABILITATE MAJ. JOHN BUTTRICK HOUSE RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed of residential lawn, including removal of invasive plant species
- Assess and remediate condition of trees within 100 feet of structures, remove vines
- Remove stumps, apply herbicide and topdress with soil
- Remove woody vegetation and invasive species from stacked stone walls around yard perimeter and along road
- Restore and repair stacked stone walls around yard perimeter and along road, reset granite posts at entry to drive
- Remove encroaching vegetation within perimeter yard, remove invasive plant materials
- Raise and reset stone stoops around structures
- Repair asphalt/chipseal drive and pedestrian walks where necessary
- Assess remains of foundation adjacent to garage and make minor repair as necessary, removing vines and other undesirable vegetation
- Remove non-historic fixtures from rear yard

REHABILITATE ELISHA JONES HOUSE RESIDENTIAL LANDSCAPE

- Restore stone retaining walls on north and east side of property, verify extent of wall in back yard and rebuild as appropriate
- Restore historic stone stairs along retaining wall
- Repair damaged freestanding stacked stone walls along Monument Dr. and Ripley Rd.
- Repair stacked stone retaining walls along property line at back of house
- Remove invasive plant species along property line on north and east side of property
- Assess and remediate condition of trees within 100 feet of house
- Analysis, corrective pruning, cabling, and shoring of significant sycamore in front yard
- Remove elm growing into catalpa in back yard
- Remove stumps and replace historic trees

- Clear invasive vegetation from Lilac shrubs, reduce and correctively prune for height and shape. Replace plant material where necessary due to plant condition or growing habit
- Assess and address condition of crabapple and apple tree in south yard
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Reset stone entrance walkways at front entrance of main home
- Install rodent barrier along foundation of house and barn
- Cover drain north of barn with appropriate material

NORTH BRIDGE
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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THE WAYSIDE

Witness Landscape

The Wayside encompasses approximately 3.32 acres of land, including two structures, archeological sites, and a series of landscapes which speak to its agricultural, literary, and political history. Ownership and development of the property dates to 1666. During the revolutionary period, the land may have housed the munitions at the heart of the Battle of Concord and Lexington conflict. The residence, known as “the Home of the Authors”, hosted several influential American authors in the 19th century: Louisa May Alcott, Nathaniel Hawthorne, and Harriet Lothrop.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Remove invasive and/or encroaching vegetation adjacent to parking area
- Reestablish meadow in newly cleared area
- Enhance view of wetland from parking area

REHABILITATE WAYSIDE RESIDENTIAL LANDSCAPE

- Remove invasive and/or encroaching vegetation within 10' of stone retaining walls
- Remove hazardous trees from retaining wall on east side of barn
- Repair short stone retaining wall east of barn, adjacent to property line, following removal of hazardous trees
- Excavate and reset tall stone stairs at west end of residence, above raised lawn
- Repair top step on stone stair behind Wayside residence
- Excavate and reset short stone wall and small stair at east end of raised lawn, west of residence and adjacent to the Piazza
- Targeted monitoring and repair of stone walls to the west of residence and east of barn
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Assess and remediate condition of historic Hawthorne at entrance of residence
- Excavate and reset walkway at entrance to residence
- Remove non-compatible ornamental vegetation from yard and foundation plantings
- Reduce and rejuvenate privet shrub at boundary of yard
- Replace historic trees
- Remediate erosion at roof drain downspouts on residence

IMPROVE ACCESS AND ACCESSIBILITY

- Stabilize driveway surface adjacent to south barn entrance
- Repair ABA compliant gravel walkway from street/sidewalk entrance to ABA ramp
- Repair wooden ABA compliant ramp and walkways
- Remove encroaching vegetation from Larch Path and Hawthorne Path

- Rehabilitate Larch Path and Hawthorne Path walkways
- Stabilize slope above Larch Path
- Stabilize slope behind main residence

THE WAYSIDE
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



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MERIAM'S CORNER

Witness Landscape

Meriam's Corner is the western anchor of the Battle Road unit, sitting at the junction of Lexington Road and Old Bedford Road. The Meriam House, built in 1705, marks the site where British troops were stopped and engaged by colonial militia. This 94-acre cultural landscape consists of several structures, stacked stone walls, retaining walls, culverts, and a series of actively cultivated agricultural fields. The site is used for interpretation and recreation by park visitors.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Clear woody vegetation and invasive species from open area north of parking, re-establish overflow parking perimeter and restore viewshed into adjacent wetland
- Install barrier posts to block overflow parking area and discourage parking on Battle Road Trail pathway
- Repair, reset, and replace wheelstops to discourage overlap of parking and Battle Road Trail Clear vegetation between road and agricultural fields to enhance views in from road and pedestrian pathways
- Remove encroaching and invasive vegetation from stacked stone walls along North Great Road and Old Bedford Road
- Restore damaged stacked stone walls along North Great Road and Old Bedford Road

REHABILITATE EAST QUARTER SCHOOLHOUSE RESIDENTIAL LANDSCAPE

- Reset stone walkway in rear yard
- Restore foundation landscape plantings by reducing historic plant material and replacing missing landscape with historically appropriate species
- Assess and remediate condition of trees within 100 feet of structure
- Clear woody vegetation and invasive plants from tree stand between structure and parking lot

REHABILITATE MERIAM HOUSE RESIDENTIAL LANDSCAPE

- Replace wooden bench to south of Meriam House
- Topdress, aerate, and re-seed lawn, including removal of invasive plant species
- Remove stump and replace historic Crabapple
- Restore stacked stone retaining walls and stair on south side of Meriam House
- Repair split rail fence behind Meriam House, address social path forming from street to restrooms
- Restore retaining wall and pathway at entrance to Meriam restroom facility
- Replace water fountain with ABA accessible model at entrance to Meriam restroom facility

REHABILITATE BURKE HOUSE RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed of lawn at Burke House, including removal of invasive plant species
- Assess and remediate condition of trees within 100 feet of Burke House, including pine windbreak on west property line

REPAIR KORN HOUSE DRIVEWAY

- Install driveway, parking pad, add spur to shelter

MERIAM'S CORNER
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



- Key**
- Battle Road Trail
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JONES-STOW FARM

Witness Landscape

The Farwell Jones and Olive Stow Farm (Jones-Stow) encompasses 170 acres of farmyard, cultivated field, wetland, and forest. The complex includes several historic structures, including the Farwell Jones (1775) and Stow-Hardy (1778) Houses, the Inferrera Farm, the remains of the Albano Farm, and the Palumbo Farm. The landscape includes historic stacked stone walls and retaining walls. Many of the agricultural fields remain in use, cultivated through partnership with private entities.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Remove overgrown vegetation at edges of complex yard, adjacent to pedestrian paths to enhance views into field and farm complex
- Remove encroaching and invasive vegetation from stacked stone walls along pedestrian paths
- Restore damaged stacked stone walls along pedestrian paths
- Repair split rail fence behind barn complex, between complex and pedestrian path
- Remove encroaching and invasive vegetation from stacked stone walls along Lexington Road
- Restore damaged stacked stone walls along Lexington Road

REHABILITATE RESIDENTIAL LANDSCAPES AND BARNYARD

- Trim arborvitae and clean vegetation around structure at Farwell Jones House
- Reset mailbox post at Farwell Jones House
- Remove encroaching vegetation within 100 feet of Farwell Jones House, remove invasive plant materials
- Assess and remediate condition of trees within 100 feet of Farwell Jones House
- Topdress, aerate, and re-seed of lawn at Farwell Jones House
- Reset stone stairs at entrances on north and south sides of Stow-Hardy House
- Restore gravel drive and rebuild retaining wall and ramp into Hovagimian barn
- Remove encroaching vegetation within 100 feet of Stow-Hardy House, remove invasive plant materials
- Assess and remediate condition of trees within 100 feet of Stow-Hardy House
- Remove old tree stumps - grind, chemical treatment, topdress with soil
- Topdress, aerate, and re-seed of lawn at Stow-Hardy House
- Clear invasive vegetation from Hydrangea, reduce and correctively prune for height and shape
- Assess health and prune oak in front yard
- Restore retaining wall and stairs to east of Stow-Hardy
- Assess and prune Walnut grove to east of Stow-Hardy, restore orchard condition
- Clean debris along rear foundation of Stow-Hardy House
- Replace livestock pen fence and clear pen of debris
- Prune peach, pear, and apple tree near livestock pen, treat for pests and disease

- Add gravel to roadway to west and north of barn, around tractor shed, link to pedestrian pathway
- Clear debris from barn yard within reason for working landscape
- Repair ramps into various levels of barn
- Remove vegetation from barn structures, including silo, barn, Norwalk cottage and tractor shed

REHABILITATE INFERRERA RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed lawn
- Assess and remediate condition of trees within 100 feet of remaining structures and remove vines from trees
- Remove stumps, apply herbicide and topdress with soil
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and around meadow perimeter
- Restore and repair stacked stone walls along pedestrian paths and around meadow perimeter
- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health in surrounding open field
- Re-establish foundation plantings
- Repair asphalt walk to front and side entrances
- Repave asphalt drives surrounding structure
- Restack retaining walls at rear basement entrance
- Determine appropriate areas and surface requirements for parking, add parking pad adjacent to garage

REHABILITATE GEORGE HALL RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed lawn
- Assess and remediate condition of trees within 100 feet of house
- Coordinate removal of dead trees from roadside, beneath power lines
- Remove woody vegetation and invasive species from stacked stone walls along property line, Lexington Road
- Restore stacked stone walls along property line, Lexington Road
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials growing into structure
- Add new driveway in area historically used for driveway, add parking as needed to accommodate residential use
- Establish pedestrian walkways to house, connecting to parking

JONES-STOW FARM
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

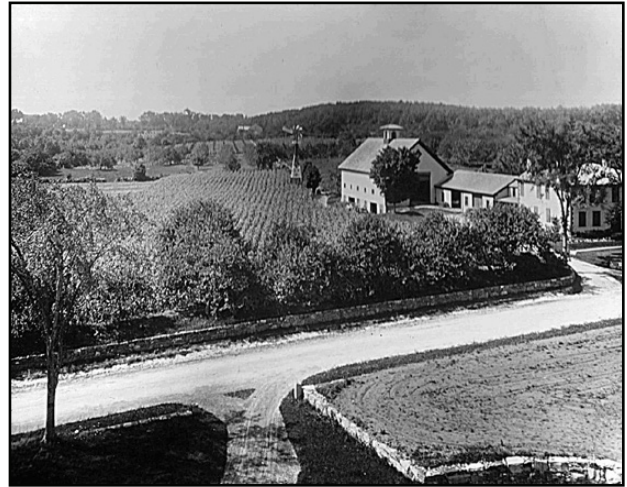
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DRAWN BY: MICHELLE SURBER
PRODUCED BY: THE HISTORIC ARCHITECTURE
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BROOKS FARM

Witness Landscape

Encompassing 91.5 acres of land within the Battle Road Unit, the Brooks Farm landscape includes the Noah Brooks Tavern, the Samuel Hartwell Carriage House, the Edward Rogers Barn, Job Brooks House, and the Joshua Brooks, Jr. House. The Tavern and houses date to the mid to late 1700s. Remnants of several house sites and barns are also present throughout site, including the substantial Charles Sawyer barn foundation adjacent to the Job Brooks House. Though once heavily planted with orchard trees, the Brooks Farm complex now contains only remnants of the orchards associated with the Noah Brooks Tavern. These heirloom specimens are some of the oldest orchard trees in the Park Service.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health in fields between Sam Brooks and Job Brooks site
- Topdress, aerate, and re-seed lawn and meadow at Beattey building site, remove invasive plant species
- Restore stone walls along pedestrian trails, adjacent to roads, and within Brooks complex site
- Remove encroaching and invasive vegetation from stacked stone walls along North Great Road and adjacent to main pedestrian pathways

REHABILITATE NOAH BROOKS TAVERN LANDSCAPE

- Remove overgrown vegetation at edges of complex yard to enhance views into field and orchard
- Assess and remediate condition of trees within 100 feet of tavern, barn, and shed
- Restore damaged stacked stone walls along North Great Road and within Noah Brooks Tavern complex
- Remove encroaching and invasive vegetation from stacked stone walls along North Great Road and within Noah Brooks Tavern complex
- Remove encroaching vegetation within 100 feet of structures, remove invasive plant materials
- Grade, add gravel, and compact roadway to the east and south of barn
- Repair stacked stone retaining walls and surfaces on ramps leading into barn at various levels
- Establish walkway between barn and house, from northwest entry of barn to back entry of tavern
- Regrade, aerate, and re-seed of lawn, including removal of invasive plant species
- Restore stacked stone retaining wall, stone stairs, and brick walk at front entrance to house
- Restore gravel driveway on west side of house
- Reduce or remove small tree adjacent to west porch due to conflict with electric
- Reset brick patio at west entrance into tavern

- Assess and remediate erosion issues on west side of house and barn where water sheds from roof into yard
- Assess and remediate condition of orchard trees in fields to east and west of structure, correctively prune, shore, and remove where necessary
- Restore orchard, planting new trees of varieties compatible with orchard per previous orchard assessment and recommendation
- Improve health of hay fields and livestock pens to east and west of tavern and barn

REHABILITATE SAMUEL BROOKS RESIDENTIAL LANDSCAPE

- Clear vegetation from stone walls around lot perimeter/boundary
- Repair gravel pedestrian path leading into home site from parking area
- Raise and reset stone at front entrance of structure
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Assess and remediate condition of trees within 100 feet of structure
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health in surrounding open field
- Remove and replace pear tree adjacent to structure
- Assess and remediate condition of apple tree to rear of structure
- Clear invasive vegetation from Lilac shrub, reduce and correctively prune for height and shape

REHABILITATE JOB BROOKS RESIDENTIAL LANDSCAPE

- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Remove encroaching and invasive vegetation from stacked stone walls a along North Great Road
- Restore damaged stacked stone walls along North Great Road
- Assess and remediate condition of trees within 100 feet of structure
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Restore stacked stone retaining walls on north side of property, behind house
- Remove hazard tree from retaining wall on north side of structure
- Repair wooden stairs and deck at rear entrance of structure
- Reset stone path leading to deck stairs
- Stabilize barn foundation as needed, ensure protective railings are appropriate and repair as needed, remove encroaching vegetation and invasive vines

REHABILITATE JOSHUA BROOKS RESIDENTIAL LANDSCAPE

- Remove encroaching and invasive vegetation from stacked stone walls a along North Great Road and east side of front yard
- Restore damaged stacked stone walls along North Great Road and east side of front yard
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Assess and remediate condition of trees within 100 feet of structure
- Topdress, aerate, and re-seed lawn, including removal of invasive plant species
- Reset stone stairs at entrances on east, south, and west sides of structure
- Restore retaining wall on south side of structure
- Restore view to Noah Brooks Tavern by removing overgrown vegetation and invasive species

growing into trees along border between two properties

- Restore retaining stone wall, stone stairs, and freestanding stacked stone wall surrounding raised garden and back yard
- Restore raised garden features and remove incompatible, non-historic elements built into garden wall
- Restore balustrade on north side of raised garden
- Restore garden plantings in raised bed area

BROOKS FARM
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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HARTWELL AREA

Witness Landscape

The Hartwell Area Cultural Landscape comprises 226 acres of the Battle Road Unit. The landscape focuses on pedestrian only sections of the original Battle Road, the Bloody Angle battle site, and several structures and landscape features dating to the Revolution. At the center of the landscape lies the Ephraim Hartwell Tavern complex consisting of a restored Colonial-style house and inn (1732-1733), the McHugh Barn (1939), a fenced livestock enclosure, and a newly replanted apple orchard. The Tavern complex is neighbored by the Sergeant Samuel Hartwell House chimney and foundation and the Captain William Smith House. The Rego House lies to the south of the North Great Road, repurposed as a Ranger Station. Stacked stone walls line the Battle Road and demarcate agricultural fields and meadow, accompanied by rail and rider fencing along the Bloody Angle and within the Tavern complex.



ENHANCE CULTURAL LANDSCAPE FEATURES AND PARK FACILITIES

- Replace benches at Park entry path from Hartwell Area parking lot
- Clear encroaching woody vegetation and invasive species from open space surrounding restroom
- Repair brick plaza at entrance to restrooms
- Repair or replace picnic tables north of restroom facility
- Install ABA pad under picnic table to ensure ABA accessibility
- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health in fields adjacent to main pedestrian path, connectors, and Battle Road Trail
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and around meadow perimeter along main pedestrian path, connectors, and Battle Road Trail
- Restore and repair stacked stone walls along main pedestrian path, connectors, and Battle Road Trail
- Restore and repair stake and rider fence along the length of stone wall on the Bloody Angle

REHABILITATE HARTWELL TAVERN LANDSCAPE

- Replace corral gate with material compatible with historic fencing
- Restore and repair stake and rider fence surrounding livestock enclosure
- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species - lawn should accommodate heavy picnic use
- Cover exposed roots of large maples in front yard of tavern
- Assess and remediate condition of trees within 100 feet of tavern, barn, and livestock enclosure
- Repair or rebuild raised beds at back entrance of tavern
- Stabilize stone stoops and stairs at rear entrance to structure
- Assess and remediate condition of orchard trees, correctively prune saplings, replace dead plant material

REHABILITATE HARTWELL CHIMNEY LANDSCAPE

- Repair erosion at base of frame enclosure surrounding chimney and foundation
- Remove encroaching vegetation within 100 feet of structure, including invasive plant materials
- Assess and remediate condition of trees within 100 feet of structure and path
- Clear encroaching woody vegetation within 5 feet of the centerline of the forest path at rear of chimney enclosure

REHABILITATE CAPT. SMITH HOUSE RESIDENTIAL LANDSCAPE

- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Clear encroaching woody vegetation within 5 feet of the centerline of the forest path at rear of structure
- Assess and remediate condition of trees within 100 feet of Captain Smith House
- Raise and reset stone at front entrance of structure
- Raise and reset stone steps on east side of structure
- Repair retaining wall to east of structure
- Repair stone wall between battle road and Captain Smith House, including wall running to North Great Road
- Remove two large woody shrub patches adjacent to meadow and main road
- Clear invasive vegetation from Lilac shrubs, reduce and correctively prune for height and shape
- Repair the Virginia Road gravel path running through meadow to house
- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health in fields between house and main road to re-establish views into park

ENHANCE REGO HOUSE LANDSCAPE

- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Assess and remediate condition of trees within 100 feet of structure, remove invasive vines
- Remove stumps, apply herbicide and topdress with soil
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian path, within yard, and along road
- Restore and repair stacked stone walls along main pedestrian path, within yard, and along road
- Remove encroaching woody vegetation within 100 feet of structure, remove invasive plant materials
- Reduce shrub foundation plantings to height in keeping with scale of structure
- Add ABA ramp to allow for appropriate access
- Assess current circulation issues on site and determine improvements to facilitate vehicular movement on site, parking on site
- Pave main drive and circulation around main building, add retaining wall and paving to front stairs
- Re-gravel part of working yard behind main structure
- Screen rear yard from trail view on east and street view on north

MINUTE MAN
NATIONAL HISTORICAL PARK
MASSACHUSETTS

HARTWELL AREA
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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PAUL REVERE CAPTURE SITE

Witness Landscape

The Paul Revere Capture Site is one of the first landscapes reached by visitors parked at the main Battle Road Visitor Center parking area. This site is characterized by open meadow and a large stone monument. The site is heavily trafficked and park goers often picnic in the open field adjacent to the memorial.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Assess evergreen buffer/barrier and add trees to complete screening of modern buildings on adjacent property
- Repair split rail fence
- Topdress, aerate, and re-seed lawn, including removal of invasive plant species - lawn should accommodate heavy picnic use
- Repair or replace benches in area adjacent to parking lot

PAUL REVERE
CAPTURE SITE
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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NELSON FARM

Witness Landscape

The 123-acre Nelson Farm landscape is in the eastern portion of the Battle Road Unit, straddling the towns of Lincoln and Lexington. The landscape contains sites that were scenes of several skirmishes between British and Colonial forces during the battle of Lexington and Concord. The landscape encompasses two historic homes, the Colonial style Jacob Whittemore House (pre-1775) and the Federal/Georgian-style John Nelson House (1808-1810), and their neighboring early 19th-century barns.

Archeological remnants of other Nelson family residences, a blacksmith shop, and a hop house are spread through the landscape. These resources are set within lawns and meadows dotted with shade trees and wetland areas. Stone walls still line the Battle Road and demarcate historic property divisions.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths, Battle Road Trail
- Restore and repair stacked stone walls along main pedestrian path, Battle Road Trail
- Corrective pruning of young orchard trees near parking
- Assess evergreen buffer/barrier and add trees to complete screening of modern buildings on adjacent property

REHABILITATE NELSON HOUSE LANDSCAPE

- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Assess and remediate condition of trees within 100 feet of house and barn
- Remove stumps, apply herbicide and topdress with soil
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and around meadow perimeter along main pedestrian path, Battle Road Trail
- Restore and repair stacked stone walls along main pedestrian path, Battle Road Trail
- Remove dead tree trunks adjacent to wall
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Clear understory in tree grove to north of house
- Reset brick walkway to front entrance of house, raise and reset front stoop
- Raise and reset stone stoops at rear entrance to house
- Raise and reset stone and concrete entrances to rear of barn
- Re-establish stone and gravel entry to barn
- Add gravel to existing gravel driveway
- Establish parking location adjacent to house
- Re-gravel drive to west of barn
- Clear invasive vegetation from Lilac shrubs, Deciduous holly, other foundational planting, reduce and correctively prune for height and shape

ENHANCE PARKER'S REVENGE LANDSCAPE

- Add gravel and stabilize upper section of trail in manner sensitive to archeological conditions
- Stabilize gravel on lower section of trail
- Remove stone retaining wall at lilac planting, restore grade
- Rebuild historic stacked stone wall along main path leading to Whittemore House
- Restore slope and plantings to discourage use of social trail at turn of upper pathway
- Add barway or historic gate to discourage non-authorized path use
- Clear understory of invasive species to clear/enhance views into the battle area, native trees, shrubs, and herbaceous understory to remain where feasible to support wetland

REHABILITATE WHITTEMORE HOUSE LANDSCAPE

- Topdress, aerate, and re-seed of lawn, including removal of invasive plant species
- Assess and remediate condition of trees within 100 feet of house and barn
- Remove stumps, apply herbicide and topdress with soil
- Remove woody vegetation and invasive species from stacked stone walls along pedestrian paths and around meadow perimeter along main pedestrian path, Battle Road Trail
- Restore and repair stacked stone walls along main pedestrian path, Battle Road Trail
- Remove dead trees and clump of volunteer trees along front property line
- Clear invasive vegetation from Lilac shrubs, reduce and correctively prune for height and shape
- Restore stone wall between barn and house, preserving lilac if possible
- Remove encroaching vegetation within 100 feet of structure, remove invasive plant materials
- Clear capped well of overgrown vegetation, restack and reset stones
- Stabilize stone stairs at front entrance to house
- Stabilize stone stairs at west entrance to house
- Restore gravel walkway between house and barn
- Restore grave driveway to barn
- Repair erosion damage and correct drainage issues at roof downspouts
- Clear woody vegetation and invasive species, re-establish perimeter and restore meadow health through use of cover crops and overseeding of appropriate plant species
- Corrective pruning young orchard trees

NELSON FARM OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2021

SCHEMATIC DESIGN DEVELOPMENT



Key

- Battle Road Trail
- Cultural Landscape Boundary
- Rock Wall
- Topographic Line
- Designated Pedestrian Trail
- Structure
- Area of Construction
- Forest or Tree Canopy
- Lawn or Meadow
- Paving

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FISKE HILL

Witness Landscape

Fiske Hill is the easternmost component landscape of the Battle Road cultural landscape. The landscape, one of the first developed after the designation of the park, contains part of the historical Battle Road along which Colonial militia pursued and attacked the retreating British during the Battle of Lexington and Concord. Surviving resources within the Fiske Hill area and associated with the battle are the Battle Road, numerous stone walls used for cover by the militiamen during the fight, remains of the c.1700 Fiske Hill well, and the foundation of the c.1729 Ebenezer Fiske House.



ENHANCE CULTURAL LANDSCAPE FEATURES

- Repair erosion damage and washout at west end of loop trail
- Assess and remediate condition of trees within 30' of loop trail
- Repair or replace damaged benches

FISKE HILL
OVERALL PLAN

STRATEGIC FACILITIES PLAN
FEBRUARY 2020

SCHEMATIC DESIGN DEVELOPMENT



- Key
- Battle Road Trail
 - Cultural Landscape Boundary
 - Rock Wall
 - Topographic Line
 - Designated Pedestrian Trail
 - Structure
 - Area of Construction
 - Forest or Tree Canopy
 - Lawn or Meadow
 - Paving

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SECTION 03

PLAQUES AND MONUMENTS

PAUL REVERE CAPTURE SITE

- Wash, scrub, and rinse bronze and stone
- Apply biocide to stone, if necessary
- Remove sacrificial paste wax
- Replenish/refresh/reapply hard wax coating
- Apply Butchers Wax. Buff



BLUFF MONUMENT

- Wash, scrub, and rinse stone
- Remove biogrowth, if present



MUSTER FIELD MONUMENT

- Wash, scrub, and rinse stone
- Remove biogrowth, if present



MERIAM'S CORNER MONUMENT

- Wash, scrub, and rinse stone
- Remove biogrowth, if present



CAPTAIN ISAAC DAVIS PLAQUE (D.A.R.)

- Wash, scrub, and rinse aluminum and stone
- Apply biocide to stone, if necessary
- Remove sacrificial paste wax
- Replenish/refresh/reapply hard wax coating
- Apply Butchers Wax. Buff



HAYWARD WELL MONUMENT

- Wash, scrub, and rinse stone
- Remove biogrowth, if present



HAWTHORNE CENTENNIAL PLAQUE

- Wash, scrub, and rinse bronze and stone
- Apply biocide to stone, if necessary
- Remove sacrificial paste wax
- Replenish/refresh/reapply hard wax coating



CONCORD FIGHT MONUMENT

- Wash, scrub, and rinse bronze and stone
- Apply biocide to stone, if necessary



THE MINUTE MAN MONUMENT

- Wash, scrub, and rinse bronze and stone
- Apply biocide to stone, if necessary
- Remove sacrificial paste wax
- Replenish/refresh/reapply hard wax coating
- Apply Butchers Wax. Buff
- Refresh inscribed lettering, if necessary, using acrylic paints



EBENEZER FISKE HOUSE PLAQUE

- Wash, scrub, and rinse stone
- Remove biogrowth, if present



BRITISH SOLDIERS GRAVE PLAQUE

- Wash, scrub, and rinse stone
- Remove biogrowth, if present
- Apply paste wax to bronze pins



MAJOR JOHN BUTTRICK MONUMENT

- Wash, scrub, and rinse bronze and stone
- Apply biocide to stone, if necessary
- Remove sacrificial paste wax
- Replenish/refresh/reapply hard wax coating
- Apply Butchers Wax. Buff



BATTLE MONUMENT

- Wash, scrub, and rinse stone
- Remove biogrowth, if present
- Refresh painted lettering, if necessary, using acrylic paints



SECTION 04

INFORMATIONAL SIGNS

Minute Man is a linear park with four distinct units in three towns. Current signage is variable, and many are faded, damaged, or missing. Replacing signage in accordance with NPS Messaging guidelines and a Master Sign Plan will improve visitor experience, safety, and adherence to park rules and regulations.

GATEWAY (1)

- Install gateway sign emblematic of Minute Man National Historical Park at its eastern entrance, a half mile from I-95 in a safe and accessible location.

PARK IDENTITY SIGNS (12)

- Install park identity signs at key locations in the park including the four units: North Bridge, Barrett's Farm, The Wayside, and Battle Road. Include signs for key destinations including North Bridge Visitor Center, Minute Man Visitor Center, and Ranger Station.

LARGE PATH FINDER SIGNS FOR PARKING LOTS (23)

- Update damaged and deteriorating path finder signs in the Battle Road Unit along Route 2A and Lexington Road (large brown signs, typically with directional arrow and arrowhead)

SMALL PATH FINDER SIGNS FOR NAVIGATING THROUGH CONCORD CENTER AND RESIDENTIAL AREAS (24)

- Updated faded, missing, and damaged wayfinding signs along the park corridor (brown signs on single posts with white text and directional arrows)

IDENTITY SIGNS FOR STRUCTURES (NAME OF HOUSE OR PRIVATE RESIDENCE) (approx. 20)

- Update damaged and missing signs in front of historic houses (brown signs with white letters)



*STANDARD REGULATORY SIGNS AND SMALL
BROWN REGULATORY SIGNS (200)*

- Accessible parking space (currently brown, blue, and green and blue versions)
- Van Access Only (brown)
- Do Not Enter (black, red and black, red)
- One Way (black and white)
- Stop (red)
- Crosswalk (yellow and high vis yellow versions)
- Bus and RV Parking Only (brown)
- Bus Idling is Prohibited (brown)

*PEDESTRIAN REGULATORY/WARNING/INFO SIGNS
ON POSTS (approx. 20)*

- Dog waste, Carry In Carry Out, Ticks, Restrooms, etc.

*NEW TRAIL HEAD SIGNS WITH EBIKE REGS AND
RANGER CONTACT INFO (12)*



APPENDIX A

ASSETS WITH NO WORK REQUIRED

COL. BARRETT HOUSE

Interpretation

Building is maintained by maintenance staff. No work required

FIRE PROTECTION PROJECT – PMIS 246646



STEDMAN BUTTRICK HOUSE

Recently completed rehabilitation work renders the building in good condition



BUTTRICK CARETAKER'S COTTAGE

Curatorial

Building is occupied by curatorial services

Building maintained by park staff



BUTTRICK CARRIAGE HOUSE, GARAGE AND SQUASH COURT

Maintenance Facility

Buildings are occupied by maintenance services

Buildings are maintained by park staff



BURKE HOUSE

Residential Lease

Park staff has undertaken rehabilitation work
which has rendered building move in ready

No work required



MERIAM HOUSE

Interpretation

Building was rehabilitated in 2018

Park maintenance staff undertaking preservation
maintenance

No work required



ALBANO FARM STAND

Building is maintained by park staff
No work required



KORN HOUSE

Housing

Currently occupied and in good condition



PERRY HOUSE

Housing

Currently occupied and in good condition



ED NOWALK FARM STAND

Agricultural Lease

Building is operated and maintained by the Lessee



JOB BROOKS HOUSE

Curatorial

Building is maintained by maintenance staff
No work required



MOODY HOUSE

Housing

Currently occupied and in good condition



SWARTZ HOUSE

Residential Lease

Currently occupied and in good condition



HAGINIAN HOUSE

Currently occupied and in good condition



NELSON HOUSE

Residential Lease

House is in good condition and move-in ready



STOUT HOUSE

Currently occupied and in good condition

