



TOWN OF CONCORD

COMMUNITY PRESERVATION COMMITTEE

141 KEYES ROAD, CONCORD, MA 01742

TEL. (978) 318-3290 FAX (978) 318-3291

Application for CPA Funding

Due no later than 4:00pm on Friday, September 17, 2022

Applicant: CONCORD PUBLIC WORKS

Co-Applicant (if applicable): _____

Project Name: CEMETERIES STONE WALLS RESTORATION

Project Location/Address: SLEEPY HOLLOW CEMETERY, OLD HILL BURYING GROUND,

SOUTH BURYING GROUND

Purpose: (Select all that apply)

Open Space

Community Housing

Historic Preservation

Recreation

Project Budget:

Amount of CPA Funds Requested: \$ 340,000

Amount from Other Funding Sources: \$ 345,800

Total Project Budget: \$ 685,800

(If multi-year project, note current phase only)

Please check which of the following is included with this Application:

One Paragraph Project Summary *

Timeline *

Map (if applicable)

Architectural plans, site plans, photographs
(if appropriate)

Narrative *

Selection Criteria and Needs Assessment

Copy of Audit or most recent Financial

Detailed Project Budget *

Information (Non Profit Organizations Only)*

Feasibility Assessment

Letters of Support (if any)

Statement of Sustainability (if applicable)

* Required Documentation

The Contact Person for this Project is: AARON MIKLOSKO

All Correspondence should be mailed to: AARON MIKLOSKO, 135 KEYES RD, CONCORD, MA
01742

The Contact Person can be reached by phone at: 978-318-3220 or by email at: amiklosko@concordma.gov

Signature of Applicant: [Signature]

Signature of Property Owner (if different): [Signature]

For Historic Preservation Projects Only – please check the box below left and acknowledge:

I/We have read the U.S. Secretary of the Interior's Standards for the Treatment of Historic Properties and understand that planning for and execution of this project must meet these standards.

2. Project Summary

The goal of this project is to restore 35 deteriorating stone walls and structures in Concord's three historic cemeteries: Old Hill Burying Ground, South Burying Ground and Sleepy Hollow Cemetery. The total proposed budget for this project is \$685,800: the request for CPA funds under the "Historic Preservation" category is \$340,000. CPA funds will be supplemented by \$343,000 from the Cemetery Fund and an in-kind contribution from Concord Public Works (CPW). CPW has already contributed staff time to supervise, conduct and complete an inventory in 2021-2022 that evaluated every stone structure in the three cemeteries. The proposed restorations will be completed during the 2023 and 2024 construction seasons and Concord Public Works will manage the project.

3. Maps and Lists

The attached maps ([Figure 1](#), [Figure 2](#), [Figure 3](#)) display the general locations of the stone walls/structures in each cemetery that have been identified for restoration in this project. The specific location of each stone wall or stone structure and the repair that is required to restore it is presented in the tables below (see [Table 1](#), [Table 2](#), [Table 3](#)).

4. Project Narrative

Historical Significance

Note: The following information is quoted directly or adapted from page 3 of *Town of Concord Cemetery Master Plan, updated October 2018* (authors: *Andrea Solomon and Whitney Kocher-Nguyen*)

The Town of Concord maintains three public cemeteries in which visitors can trace the Town's literary and political history, which influenced both local and national movements since before the Revolutionary War:

- The oldest cemetery in Concord is the Old Hill Burying Ground, located in Monument Square next to the Holy Family Parish Church. It is the original burying ground for Concord residents with the earliest stone dated 1677. It sits on a high glacial esker and was the first site to thaw in spring, allowing for early burial of residents who died during cold New England winters. This site contains almost 500 burial markers including one belonging to John Jack, a former slave, as well as 40 others belonging to Revolutionary War veterans. Old Hill Burying Ground is included in both the National and State Registers of Historic Places. Old Hill Burying Ground is no longer an active cemetery; no burials are performed at this location.

- The second oldest Concord cemetery is the South Burying Ground, located several blocks west down Main Street from Old Hill Burying Ground. This burying ground was established to accommodate townspeople from the south side of the mill pond dam which was where Main Street is now. The milldam was too narrow for a wagon and coffin to cross to get to Old Hill. The nearly 300 markers here had to be reset after they were displaced in the 1938 Hurricane - one of the deadliest in history to hit New England. South Burying Ground is included in the State Register of Historic Places. South Burying Ground is no longer an active cemetery.
- Sleepy Hollow Cemetery, located one block east of Monument Square is Concord's largest cemetery, containing over 10,000 gravesites, and is included in the National Register of Historic Places. The first plot of land for Sleepy Hollow was purchased in 1823; it was first known as New Hill Burying Ground. In 1855 the town bought an additional 25 acres of farmland and held a dedication ceremony consecrating the land as Sleepy Hollow Cemetery. Ralph Waldo Emerson was a cemetery committee member at that time and served as orator at the ceremony. Additional land was purchased in subsequent years, resulting in the current cemetery property. Sleepy Hollow Cemetery is included in both the National and State Registers of Historic Places. Sleepy Hollow is an active cemetery where burials are performed throughout the year.

Many visitors from throughout the world come to Concord annually and visit all the Concord cemeteries. Some popular visitor sites within Sleepy Hollow Cemetery are in Author's Ridge, which includes the graves of Henry David Thoreau (1862), Nathaniel Hawthorne (1864), Ralph Waldo Emerson (1882), and Louisa May Alcott (1888). Another popular site is the Melvin Memorial, located close to the central entry to Sleepy Hollow Cemetery (Prichard Gate). The Memorial is a sculpture commissioned by James Melvin to honor his three brothers who died during the Civil War. The sculpture, called "Mourning Victory," was created by Daniel Chester French, an old friend of James Melvin and a Concord resident. French additionally designed the Lincoln Memorial in Washington, D.C., and the Minuteman Statue at the North Bridge in Concord. He is also buried in Sleepy Hollow, on the ridge behind the monument.

Project Background

In October 2018, the Cemetery Committee issued an updated version of the Cemetery Master Plan. In that updated master plan, the restoration of cemetery stone walls was included in the list of suggested projects and several specific goals were listed:

- Secure funding for reconstruction of stone walls
- Review past evaluations of the stone walls along Old Hill Burying Ground
- Explore funding sources for engineering and reconstruction

Since 2018, CPW has performed repairs on several stone walls that urgently required restoration; most of these repairs were performed in Sleepy Hollow Cemetery. In 2021-

2022, CPW conducted and completed a comprehensive inventory of stone walls and structures within all three Concord cemeteries. This inventory evaluated the condition (good, fair, poor) of every stone wall/structure in the cemeteries and estimated the repair activity (no work, repoint, reconstruct) required to achieve complete restoration. The inventory report is attached ([Attachment 1](#)).

Proposed Project

In 2021-2022, CPW collaborated with the engineering firm Wright-Pierce to assemble an inventory of all cemetery stone structures. This inventory included an assessment of the condition of each wall/structure and the actions and estimated funding required to restore each of them ([Attachment 1](#)).

Concord Public Works proposes to use funds from CPA combined with other funding sources to repair and restore a total of 35 stone walls/structures within Concord’s three cemeteries:

- Old Hill Burying Ground: 8 walls and 5 structures
(identified as in “poor” or “fair” condition)
- South Burying Ground: 2 walls (identified as in “fair” condition)
- Sleepy Hollow Cemetery: 18 walls and 2 structures
(identified as in “poor “condition)

[Tables 1-3](#) on the following pages list each stone wall or structure, its current condition, the remediation required to restore it, and an estimated cost of its restoration.

Concord Public Works will manage this project.

As of the date of the submission of this application, this project is supported by the Cemetery Committee, the Friends of Sleepy Hollow Cemetery, the Historical Commission, and the Public Works Commission.

Application for CPA funding: **Cemetery Stone Walls/Structures Restoration**

Table 1. Old Hill Burying Ground: stone walls and structures proposed for repair					
SITE NUMBER	LOCATION	STRUCTURE TYPE	CONDITION (GOOD/FAIR/POOR)	RECOMMENDATION (REPOINT / RECONSTRUCT)	PLANNING LEVEL REPAIR COST (\$)
1-1	Old Hill on Monument Square	Retaining stone wall	Fair	Repoint	\$15,400.00
1-2	Old Hill along front of Church	Retaining stone wall	Poor	Reconstruct	\$8,244.00
1-3	Old Hill along back of Church portions	Retaining stone wall	Poor	Reconstruct	\$31,146.00
1-4	Old Hill back line along parking lot	Retaining stone wall	Fair	Repoint	\$5,500.00
1-5	Old Hill along 29 + 37 Lexington Rd	Free standing stone wall	Fair	Repoint	\$9,900.00
1-6	Old Hill at 5 Lexington Rd	Concrete retaining wall	Fair	Repoint	\$12,100.00
1-7	Old Hill along Lexington to Brickends	Retaining stone wall	Fair	Repoint	\$47,300.00
1-8	Old Hill at entrance	Retaining stone wall	Fair	Repoint	\$1,650.00
1-9	Old Hill to the right of Tomb 1	Retaining stone wall	Fair	Repoint	\$550.00
1-10	Old Hill Tomb 1	Granite tomb	Poor	Reconstruct	\$20,475.00
1-11	Old Hill Tomb 2	Brick Tomb	Fair	Repoint	\$3,920.00
1-12	Old Hill Tomb 3	Brick and Granite Tomb	Poor	Reconstruct	\$9,360.00
1-13	Old Hill Tomb 4	Brick Tomb	Fair	Repoint	\$1,312.50

Table 2. South Burying Ground: stone walls proposed for repair					
SITE NUMBER	LOCATION	STRUCTURE TYPE	CONDITION (GOOD/FAIR/POOR)	RECOMMENDATION (REPOINT / RECONSTRUCT)	PLANNING LEVEL REPAIR COST (\$)
2-1	Main Street along Keyes Road	Retaining stone wall	Fair	Repoint	\$11,550.00
2-2	Main Street along the side and back	Free standing stone wall	Fair	Repoint	\$5,280.00

Application for CPA funding: **Cemetery Stone Walls/Structures Restoration**

Table 3. Sleepy Hollow Cemetery: stone walls and stone steps proposed for repair					
SITE NUMBER	LOCATION	STRUCTURE TYPE	CONDITION (GOOD/FAIR/POOR)	RECOMMENDATION (REPOINT / RECONSTRUCT)	PLANNING LEVEL REPAIR COST (\$)
3-1	Bedford St. in front of Assessors building	Retaining stone wall	Poor	Reconstruct	\$2,250.00
3-2	Bedford St. from 1 st gate	Retaining stone wall	Poor	Reconstruct	\$15,000.00
3-3	Bedford St. to end of wall	Retaining stone wall	Poor	Reconstruct	\$73,500.00
3-4	Rue Path left side of Little lot	Retaining stone wall	Poor	Reconstruct	\$31,239.00
3-5	Union Ave to Upland Ave (from the bench)	Retaining stone wall	Poor	Reconstruct	\$26,100.00
3-6	Upland Ave. from receiving tomb	Retaining stone wall	Poor	Reconstruct	\$9,000.00
3-7	Upland Ave left of Melvin Memorial	Retaining stone wall	Poor	Reconstruct	\$10,800.00
3-8	Behind Melvin Memorial	Retaining stone wall	Poor	Reconstruct	\$15,637.50
3-9	Upland Ave right of Melvin Memorial	Retaining stone wall	Poor	Reconstruct	\$41,082.00
3-10	Chestnut Path 2 nd section	Retaining stone wall	Poor	Reconstruct	\$27,450.00
3-11	Chestnut Path 4 th section	Retaining stone wall	Poor	Reconstruct	\$16,875.00
3-12	Upland Ave Algeo lot	Retaining stone wall	Poor	Reconstruct	\$4,995.00
3-13	Sleepy Hollow Ave at Birch Path	Retaining stone wall	Poor	Reconstruct	\$2,850.00
3-14	Prospect Ave (Bedford St.)	Retaining stone wall	Poor	Reconstruct	\$8,550.00
3-15	Glade Ave base of path to Authors Ridge	Retaining stone wall	Poor	Reconstruct	\$2,850.00
3-16	Hillside Ave Jones lot	Retaining stone wall	Poor	Reconstruct	\$3,750.00
3-17	Ridge Path at Birch Path	Retaining stone wall	Poor	Reconstruct	\$6,900.00
3-18	Backline of Authors Ridge behind Flannery lot	Retaining stone wall	Poor	Reconstruct	\$26,973.00
3-19	Upland Ave to French site	Stone steps	Poor	Reconstruct	\$9,000.00
3-20	Upland Ave.	Stone steps	Poor	Reconstruct	\$4,875.00

The approximate location of each of the 35 proposed restorations is displayed in [Figure 1](#) (Old Hill Burying Ground), [Figure 2](#) (South Burying Ground), and [Figure 3](#) (Sleepy Hollow Cemetery). Representative photographs of stone walls and structures that are included in this proposal are presented in [Figure 4](#) (stone wall; location 3-7), [Figure 5](#) (stone wall; location 3-8), and [Figure 6](#) (stone wall; location 3-5).

5. CPC Selection Criteria and Needs Assessment

The restoration of stone walls/structures in Concord’s three cemeteries falls within the CPC category of “*the acquisition, preservation, rehabilitation and restoration of historic resources*”.

The **Massachusetts Register of Historic Places** includes all three cemeteries and the **National Register of Historic Places** includes Old Hill Burying Ground and Sleepy Hollow Cemetery.

The **Town of Concord Historical Resources Master Plan - updated 2002** classifies all three cemeteries as “highest priority resources” (page 154), and specifically recommends that the Town “protect and restore Town-owned historic resources (e.g., Sleepy Hollow Cemetery...” (recommendation 1.7, page 162).

The **2005 Comprehensive Long Range Plan** recommended that the Town “use the Historic Resources Master Plan as a resource for town bodies and the interested public prior to any actions affecting historic and cultural resources” (objective CH-1.1), and “continue to repair cemeteries, gravestones, memorials, paths, stonewalls, fences and trees...” (action CH-2.3.1).

6. Budget

CPW requests \$340,000 from CPC as part of the total project budget of \$685,800. The Cemetery Fund will provide \$343,000 and CPW has already provided \$2,800 from its operating budget. Budget details are presented in [Table 4](#) on the following page.

Category	Cost	Notes
Inventory/assessment	\$2,800	CPW has completed this activity
Design	\$53,000	Estimating 10% of construction costs.
Construction	\$524,000	Estimates provided through Engineering assessment
Contingency	\$106,000	Estimating 20% contingency of construction costs.
Total	\$685,800	

7. Feasibility

CPW will coordinate design with the Cemetery Committee to ensure that the proper preservation of historic landscapes and structures is achieved. CPW’s Engineering Division will file for any necessary permits.

8. Sustainability

The stone wall and structure restorations will be achieved using the best engineering and construction practices.

This practice will assure the durability and longevity of each restoration. Consistent with minimal impact and sustainable storm water management practices, CPW will utilize sustainable storm water management designs to preserve the restored walls and structures and achieve natural treatment and groundwater recharge of storm water in the areas adjoining each restoration.

This practice is intended to maximize the sustainability of each restoration, with the goal that restored stone walls and structures will require only periodic minor repairs on an ongoing basis and thus avoid the need for future major restorations (and all the interventions/resources that such major restorations require). CPW’s plan aligns with the sustainability principles adopted by CPC:

- 1) Reduce dependence upon fossil fuels, underground metals, and minerals
The use of stone minimizes/eliminates the needs for the above materials.
- 2) Reduce dependence upon synthetic chemicals and other manufactured substances
CPW will use only the minimal amounts of cement to achieve restoration of each wall/structure.
- 3) Reduce encroachment upon nature
CPW will limit restoration to existing boundaries of stone walls/structures. Areas disturbed by restoration will be returned to original state following the completion of restoration.
- 4) Meet human needs fairly and efficiently
CPW will use its usual competitive bid process for the restoration activities.

9. Outreach

Outreach activities will be specific for the location of each wall or structure that is being restored.

Some walls requiring reconstruction are earth-retaining and each of the burying grounds are or qualify as national historic landmarks; consequently, permits are required for excavation to reconstruct walls which are over 4' in height. Since excavation in a historic burying ground or cemetery is strongly discouraged, it is recommended that excavations be minimized to necessity for wall reconstruction and conducted with hand tools or the smallest machinery practical. Prior to any excavation, to any depth, review and approval is to be granted in the form of a permit from the Massachusetts Historical Commission. Advice of a professional archaeologist may also be needed. Municipally Owned Historic Burial Grounds and Cemeteries, latest edition may be consulted for further guidance. The Secretary of the Interior's Standards for the Treatment of Historic Properties, codified in 36 CFR 68, provide additional guidance and are regulatory for all grant-in-aid projects assisted through the national Historic Preservation Fund.

10. Timeline

The proposed restorations will be completed during the 2023 and 2024 construction seasons and the project will be managed by Concord Public Works.

11. Site Plans, Photographs

The approximate location of each of the 35 proposed restorations is displayed in [Figure 1](#) (Old Hill Burying Ground), [Figure 2](#) (South Burying Ground), and [Figure 3](#) (Sleepy Hollow Cemetery). Representative photographs of stone walls and structures that are included in this proposal are presented in [Figure 4](#) (stone wall; location 3-7), [Figure 5](#) (stone wall; location 3-8), and [Figure 6](#) (stone wall; location 3-5).

12. Letters of Support

Letters of support for this proposal are presented in [Attachment 2](#) (Cemetery Committee - pending), [Attachment 3](#) (Friends of Sleepy Hollow), [Attachment 4](#) (Historical Commission - pending), and [Attachment 5](#) (Public Works Commission - pending).

600 Federal Street, Suite 2151
Andover, MA 01810
978.416.8000 | www.wright-pierce.com

February 28, 2022

Mr. Steve Dookran, PE, Town Engineer
Town of Concord Engineering Division
Concord Public Works
133 Keyes Road
Concord, MA 01742

**SUBJECT: Findings of Stone Masonry Wall Evaluations
Sleepy Hollow, Old South, and Old Hill Burying Grounds, Concord, MA**

Dear Mr. Dookran,

Wright-Pierce is pleased to provide this report of field evaluation, recommendations for repairs, and associated opinions of cost for rehabilitation of concrete, stone masonry, and brick masonry walls at historic burying grounds in the Town of Concord.

The following is a summary of the of our work:

- Wright-Pierce conducted a one-day field evaluation program with Town personnel on November 17, 2021 to visually inspect and photo document stone masonry walls at Sleepy Hollow, Old South, and Old Hill burying grounds. The visual inspection served to characterize and quantify planned repairs for walls at each of the burying grounds detailed in an existing Stone Wall Inventory prepared by the Town, date unknown and provided to Wright-Pierce.
- Wall conditions were visually characterized as follows as shown in the attached updated Stone Wall Inventory:
 - Good- no repairs recommended
 - Fair - some repointing recommended
 - Poor - partial or full reconstruction recommended
- Whereas some walls requiring reconstruction are earth-retaining and each of the burying grounds are or qualify as national historic landmarks, permits are required for excavation to reconstruct walls. Since excavation in a historic burying ground or cemeteries is strongly discouraged, it is recommended that excavations be minimized to necessity for wall reconstruction and conducted with hand tools or the smallest machinery practical.

Prior to any excavation, to any depth, review and approval is to be granted in the form of a permit from the Massachusetts Historical Commission. Advice of a professional archaeologist may also be needed. The Massachusetts Department of Conservation and Recreation Publication Preservation Guidelines for

2/28/2022

Mr. Steve Dookran, PE, Town Engineer

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Municipally Owned Historic Burial Grounds and Cemeteries, latest edition may be consulted for further guidance.

The Secretary of the Interior's Standards for the Treatment of Historic Properties, codified in 36 CFR 68, provide additional guidance and are regulatory for all grant-in-aid projects assisted through the national Historic Preservation Fund.

- Opinions of probable construction costs for the Town to use for budgeting purposes of proposed wall repairs have been added to the attached updated Stone Wall Inventory. Costs are provided based on the one-day visual observation program and concept screening for anticipated costs per square foot of wall repair areas shown for 2022 construction.

Wall Construction Type	Repoint (per square foot)	Reconstruct (per square foot)
Stone Masonry	\$110	\$150
Concrete Masonry	\$90	\$140
Brick Masonry	\$35	\$80

We appreciate the opportunity to be of service to the Town of Concord. If you have any questions or wish to discuss this letter report, please do not hesitate to contact me at 207-400-6448.

Sincerely,

WRIGHT-PIERCE



Jason L. Gallant, PE

Project Manager

jason.gallant@wright-pierce.com

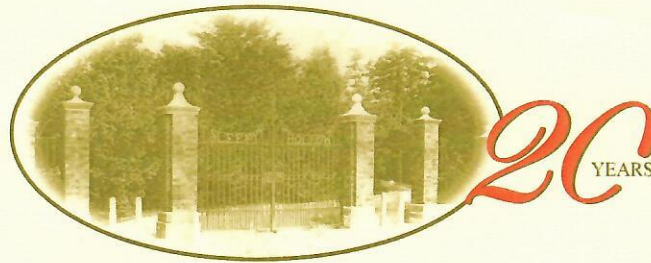
Attachment: Stone Wall Inventory

STONE WALL INVENTORY

LOCATION	TYPE	SECTION	LENGTH (FEET)	HEIGHT (FEET)	WIDTH	NOTES	CONDITION (GOOD/FAIR/POOR)	SQUARE FEET	RECOMMENDATION (REPOINT / RECONSTRUCT)	PLANNING LEVEL REPAIR COST
SLEEPY HOLLOW										
Bedford St. front of Assessors building	retaining stone wall	LENGTH OVERALL (LOA)	120	3	2'	Loose stones and mortar	-	360		\$ -
		2/3	80	3	2'		FAIR	240	REPOINT	\$ 26,400.00
		Top Half	10	1.5	2'		POOR	15	RECONSTRUCT	\$ 2,250.00
Bedford St from 1st gate	retaining stone wall	LOA	276	2.5	16"	Roots pushing walls out, outlet drain?	-	690		\$ -
		20 LF (top half)	20	1.25	16"		FAIR	25	REPOINT	\$ 2,750.00
		40 LF	40	2.5	16"		POOR	100	RECONSTRUCT	\$ 15,000.00
Bedford St. to end of wall	retaining stone wall	LOA	300	3.5	16"	Continuum of #2, starts at #86, negative batter	-	1050		\$ -
		120 + 20 LF	140	3.5	16"		POOR	490	RECONSTRUCT	\$ 73,500.00
		50 LF (partial)	50	2	16"		FAIR	100	REPOINT	\$ 11,000.00
		160 LF (curb sect)	160	1	16"	curbing section on top	FAIR	160	REPOINT	\$ 17,600.00
Left side of New Hill (behind Assessors)	free standing stone wall	LOA	108	2.5	2'	This is a boundary wall, dry stacked, mortar displaced				\$ -
		25% of length	27	2.5	2'		FAIR	67.5	REPOINT	\$ 7,425.00
Back line of New Hill	retaining stone wall	LOA	393	2.5	2'	This is a boundary wall, dry stacked, mortar displaced				\$ -
		25% of length	100	2.5	2'		FAIR	250	REPOINT	\$ 27,500.00
New Hill Tomb	granite tomb (stone)	LOA	67	2.67	1'	Reset tombstones	-	0		\$ -
		Last 32' North	32	2.5	2'		FAIR	80	REPOINT	\$ 8,800.00
Gilmore Ave.	free standing stone wall	LOA	219	2	1.5	This is a boundary wall, 25% of wall				\$ -
		25% of length	55	2	1.5		FAIR	28	REPOINT	\$ 3,025.00
Gilmore Ave to Bartlett Ave.	free standing stone wall	LOA	319	3	2	This is a boundary wall	GOOD	0	NO WORK	\$ -
Rue Path left side of Little lot	retaining stone wall	LOA	78	2.67	1'	Rebuilt 15 years ago	POOR	208.3	RECONSTRUCT	\$ 31,239.00
Rue Path front of Brown lot	retaining stone wall	LOA	35	3	1'	Capstone at apex	-	105		\$ -
		Lower 12"	35	1	1'		FAIR	35	REPOINT	\$ 3,850.00
Oak Ave. at Ripley Ave. Harris lot	retaining stone wall	LOA	40	2	1'					\$ -
		3/4	30	2	1'		FAIR	60	REPOINT	\$ 6,600.00
Union Ave steps to Hoar	stone steps	LOA	18		8'		GOOD	0	NO WORK	\$ -
Union Ave to Ripley Ave (around hollow)	retaining stone wall	LOA	163	6'	(2' AP)		GOOD	0		\$ -
Union Ave to Upland Ave. (from the bench)	retaining stone wall	LOA	174	5.5'	(2' AP)					\$ -
		1/2 (partial)	87		2'		FAIR	174	REPOINT	\$ 19,140.00
		1/2 (partial)	87		2'		POOR	174	RECONSTRUCT	\$ 26,100.00
Upland Ave. flagpole triangle	retaining stone wall	LOA	87	2	1'		FAIR	174	REPOINT	\$ 19,140.00
Upland Ave. from receiving tomb	retaining stone wall	LOA	102	2	14"	Bottom 60' half reconstruct half repoint				\$ -
		60 LF (partial)	60	1	14"		FAIR	60	REPOINT	\$ 6,600.00
		60 LF (partial)	60	1	14"		POOR	60	RECONSTRUCT	\$ 9,000.00
Upland Ave. left of Melvin Memorial	retaining stone wall	LOA	48	1.5	10"		POOR	72	RECONSTRUCT	\$ 10,800.00
Behind Melvin Memorial	retaining stone wall	LOA	25	4.17	2'		POOR	104.25	RECONSTRUCT	\$ 15,637.50
Upland Ave. right of Melvin Memorial	retaining stone wall	LOA	164	1.67	1'		POOR	273.88	RECONSTRUCT	\$ 41,082.00
Chestnut Path 1st section starting from steps	retaining stone wall	LOA	169	2.33	1'	Monitor, reset		393.77		\$ -
		50 LF	50	2.33	1'		FAIR	116.5	REPOINT	\$ 12,815.00
Chestnut Path 2nd section	retaining stone wall	LOA	61	3	14"		POOR	183	RECONSTRUCT	\$ 27,450.00
Chestnut Path 3rd section	retaining stone wall	LOA	26	4	16"		FAIR	104	REPOINT	\$ 11,440.00
Chestnut Path 4th section	retaining stone wall	LOA	45	2.5	1'		POOR	112.5	RECONSTRUCT	\$ 16,875.00
Upland Ave Algeo lot	retaining stone wall	LOA	44	3.33	18"					\$ -
		Rebuild Corner	10	3.33	18"		POOR	33.3	RECONSTRUCT	\$ 4,995.00
Sleepy Hollow Ave at Birch Path	retaining stone wall	LOA	19	1	1'		POOR	19	RECONSTRUCT	\$ 2,850.00
Upland Ave. from parking area	retaining stone wall	LOA	259	2.5	18"	Repoint 50%				\$ -
		130 LF (Partial)	130	2.5	18"		FAIR	325	REPOINT	\$ 35,750.00
Upland Ave to French	stone steps	LOA	18		8	5 steps	POOR	60	RECONSTRUCT	\$ 9,000.00
Upland Ave.	stone steps	LOA	12		6.5	5 steps	POOR	32.5	RECONSTRUCT	\$ 4,875.00
Bedford St. 2nd to 3rd gates	concrete retaining wall	LOA	296	2	1'		GOOD	0	NO WORK	\$ -
Prospect Ave. (Upland Side)	retaining stone wall	LOA	93	2.5	1'			232.5		\$ -
		1/5	19	2.5	1'		FAIR	46.5	REPOINT	\$ 5,115.00
Prospect Ave. (Bedford St)	retaining stone wall	LOA	57	5'	(2 showing)					\$ -
		1/2 (Top 2')	28.5	2	16"		POOR	57	RECONSTRUCT	\$ 8,550.00
Prospect Ave. at end	granite steps	LOA	4		5.5'		GOOD	0	NO WORK	\$ -
Prospect Ave.	granite steps	LOA	9		6'		GOOD	0	NO WORK	\$ -
Prospect Ave. to Linden Ave.	granite steps	LOA	5		6'		GOOD	0	NO WORK	\$ -
Prospect Ave. to Linden Ave.	granite steps	LOA	8		6'		GOOD	0	NO WORK	\$ -
Prospect Ave. to Linden Ave.	granite steps	LOA	11		6'		GOOD	0	NO WORK	\$ -
Linden Ave. to Sleepy Hollow Ave.	granite steps	LOA	8		6'		GOOD	0	NO WORK	\$ -
Glade Ave. base of path to Authors Ridge	retaining stone wall	LOA	19	1	1'		POOR	19	RECONSTRUCT	\$ 2,850.00
Sleepy Hollow Ave. Lane lot	retaining stone wall	LOA	38	2.5	16"		FAIR	95	REPOINT	\$ 10,450.00
Sleepy Hollow Ave. Reynold lot	retaining stone wall	LOA	27	2	20"		FAIR	54	REPOINT	\$ 5,940.00
Hillside Ave. Staple lot	retaining stone wall	LOA	24	2	1'		GOOD	48	NO WORK	\$ -
Glen Ave. Bull lot	retaining stone wall	LOA	60	1.67	1'		GOOD	100.2	NO WORK	\$ -
Glade Ave. at Hillside Ave.	retaining stone wall	LOA	76	2	20"		GOOD	152	NO WORK	\$ -
Hillside Ave. Hosmer lot	retaining stone wall	LOA	52	2.5	14"		FAIR	130	REPOINT	\$ 14,300.00
Hillside Ave. Jones lot	retaining stone wall	LOA	43	2.5	14"					\$ -
		Corner post	5		5		POOR	25	RECONSTRUCT	\$ 3,750.00
Ridge Path at Birch Path	retaining stone wall	LOA	23	2	1'		POOR	46	RECONSTRUCT	\$ 6,900.00
Back line of Authors Ridge behind Flannery lot	retaining stone wall	LOA	108	3.33	1'			359.64		\$ -
		50% of wall	54	3.33	1'		FAIR	179.82	REPOINT	\$ 19,780.20
		50% of wall	54	3.33	1'		POOR	179.82	RECONSTRUCT	\$ 26,973.00
Ridge Path around Wright lot	retaining stone wall	LOA	108	2.5	1'		FAIR	270	REPOINT	\$ 29,700.00
Ridge Path stone walkway at 4th gate	walkway	LOA	165		5			825		\$ -
		25% of walkway	42		5		FAIR	210	REPOINT	\$ 23,100.00
Knoll entrance left side	retaining stone wall	LOA	78	2.50	16"			195		\$ -
		50% repoint	38	2.5	16"		FAIR	95	REPOINT	\$ 10,450.00
Knoll entrance right side	retaining stone wall	LOA	75	2.5	16"			187.5		\$ -
		50% repoint	38	2.5	16"		FAIR	95	REPOINT	\$ 10,450.00
Knoll at flagpoles left side	retaining stone wall	LOA	42	2	20"			84		\$ -
		Upper 1/2	42	1	20"		FAIR	42	REPOINT	\$ 4,620.00
Knoll at flagpoles right side	retaining stone wall	LOA	42	2	20"			84		\$ -
		Upper 1/2	42	1	20"		FAIR	42	REPOINT	\$ 4,620.00

STONE WALL INVENTORY

OLD SOUTH BURYING GROUND									
Knoll left side field	granite steps	LOA	7	5'		GOOD	0		\$ -
Knoll left side field	granite steps	LOA	7	5'		GOOD	0		\$ -
Main St. along Keyes Rd.	retaining stone wall	LOA	167	2.5 2'					\$ -
		25% of wall	42	2.5 2'	Repoint 25% of this wall	FAIR	105	REPOINT	\$ 11,550.00
Main St. along side and back	free standing stone wall	LOA	163	3 20"					\$ -
		10% of wall	16	3 20"	Repoint 10% of this wall - top course	FAIR	48	REPOINT	\$ 5,280.00
OLD HILL BURYING GROUND									
Old Hill on Monument Square	retaining stone wall	LOA	71	4 1'					
		50% of wall	35	4 1'	Grind and repoint 50%	FAIR	140	REPOINT	\$ 15,400.00
Old Hill along front of Church	retaining stone wall	LOA	38	4.58 1'					
		30% of wall	12	4.58 1'	Reconstruct 30%, top 3 feet with neg. batter	POOR	54.96	RECONSTRUCT	\$ 8,244.00
Old Hill along back of Church portions here are 2 smaller walls tiered, same overall height	retaining stone wall	LOA	191	3.58 2'					
		30% of wall	58	3.58 2'	Reconstruct 30%, top tier	POOR	207.64	RECONSTRUCT	\$ 31,146.00
Old Hill back line along parking lot	retaining stone wall	LOA	251	2 16"					
		10% of wall	25	2 16"	Reset 10% and repoint	FAIR	50	REPOINT	\$ 5,500.00
Old Hill along 29 + 37 Lexington Rd.	free standing stone wall	LOA	91	2 2'					
		50% of wall	45	2 2'	Repoint 50%	FAIR	90	REPOINT	\$ 9,900.00
Old Hill along Lexington starting at 29	retaining stone wall	LOA	147	10.5 16"		GOOD			\$ -
Old Hill at 5 Lexington	concrete retaining wall	LOA	21	10 1'					
		50% of wall	11	10 1'	Repoint 50%	FAIR	110	REPOINT	\$ 12,100.00
Old Hill along Lexington to Brickends	retaining stone wall	LOA	85	10 16"					
		50% of wall	43	10 16"	Not accessible, assume repoint 50%	FAIR	430	REPOINT	\$ 47,300.00
Old Hill at entrance	retaining stone wall	LOA	10	1.5 1'		FAIR	15	REPOINT	\$ 1,650.00
Old Hill to the right of Tomb 1	retaining stone wall	LOA	5	1 1'		FAIR	5	REPOINT	\$ 550.00
Old Hill Tomb 1	granite tomb	LOA	52	3.5 1'					
		75% of wall	39	3.5 1'	75% restore / repoint	POOR	136.5	RECONSTRUCT	\$ 20,475.00
Old Hill left of Tomb 1	retaining stone wall	LOA	10	3.5 16"	covered as part of 191' wall		35		\$ -
Old Hill behind tomb 1 crest of hill	retaining stone wall	LOA	8	3 16"	covered as part of 191' wall		24		\$ -
Old Hill Tomb 2	Brick Tomb	LOA	32	3.5 18"		FAIR	112	REPOINT	\$ 3,920.00
Old Hill Tomb 3	Brick and Granite Tomb	LOA	26	4.5 1'		POOR	117	RECONSTRUCT	\$ 9,360.00
Old Hill Tomb 4	Brick Tomb	LOA	15	2.5 1'		FAIR	37.5	REPOINT	\$ 1,312.50
TOTAL ALL WALL REPAIRS									\$ 881,724.20



The Friends of Sleepy Hollow Cemetery, Inc.

Monday, 29 August 2022

To whom it may concern,

BOARD OF DIRECTORS

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The Friends of Sleepy Hollow Cemetery, Inc., is a well-recognized Concord volunteer, donor-driven organization, in the midst of our 20th Anniversary of service, with our Mission focused on the beautification of and education about Sleepy Hollow Cemetery. In that we are close and welcome collaborators with the Town's Cemetery Committee and the professional staff of the Department of Public Works.

Our Board of Directors is in full, unrestricted support of the Cemetery Committee's highly detailed and formulated Proposal via the Community Preservation Act for funding designated for Cemetery Stone Work/Structures Restoration. We have familiarized ourselves with the Proposal, and are in full agreement with the serious need for the work and the remediation being proposed. It reflects so well the commendable interest in and commitment to our historic Cemeteries by the devoted members of the Cemetery Committee and Town officials.

Over the years we have shared the concern of the Cemetery Committee and of the Department about the conditions of the specified areas, and are pleased that the Cemetery Committee is directing its concerted efforts to address those conditions. Without a doubt, the accomplishment of the stated needs will enhance both the beauty and stability of the areas.

We endorse unequivocally the referenced Application and respectfully urge its funding as requested.

You have my personal appreciation and that of my colleague Directors for your taking our support into full consideration.

Sincerely and cordially,
Kevin Thomas Plodzik
Kevin Thomas Plodzik, Ed.D.
President

*Original letter via USPS to Mr. Gerard Riedel, Member,
Concord Cemetery Committee*

Figure 1. Old Hill Burying Ground: sites of stone walls and structures proposed for restoration

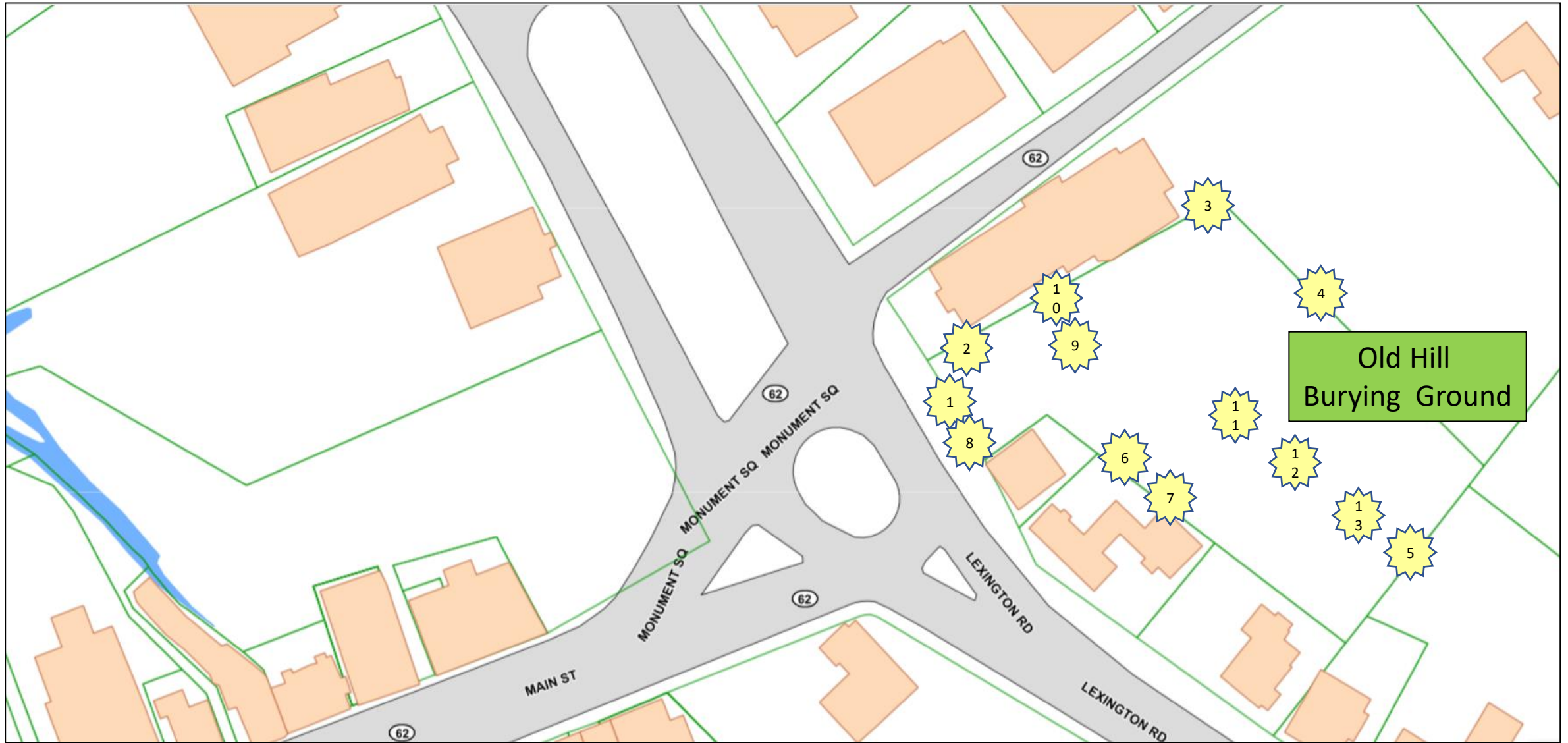


Figure 2. South Burying Ground: sites of stone walls proposed for restoration

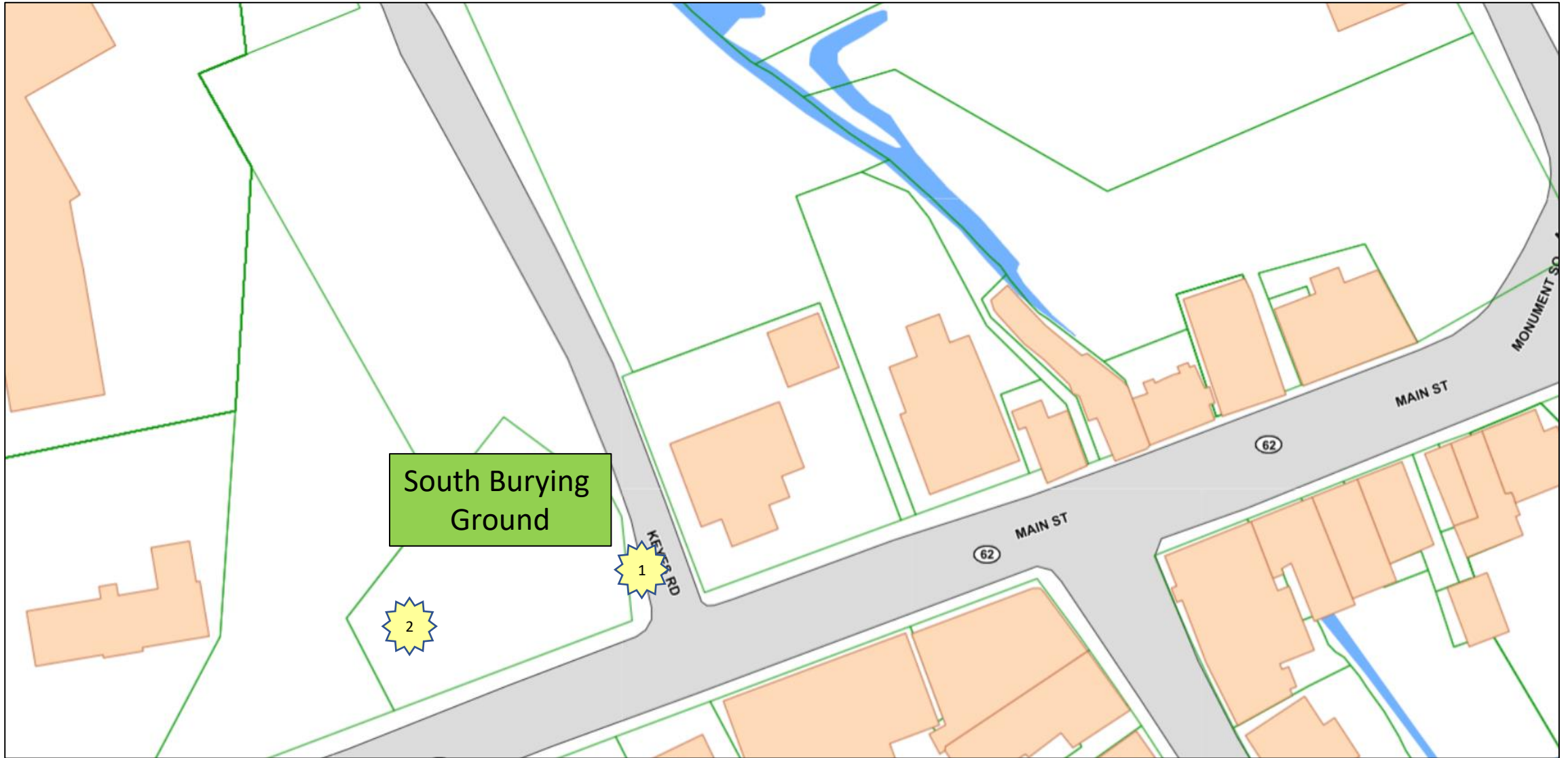


Figure 3. Sleepy Hollow Cemetery: sites of stone walls and structures proposed for restoration

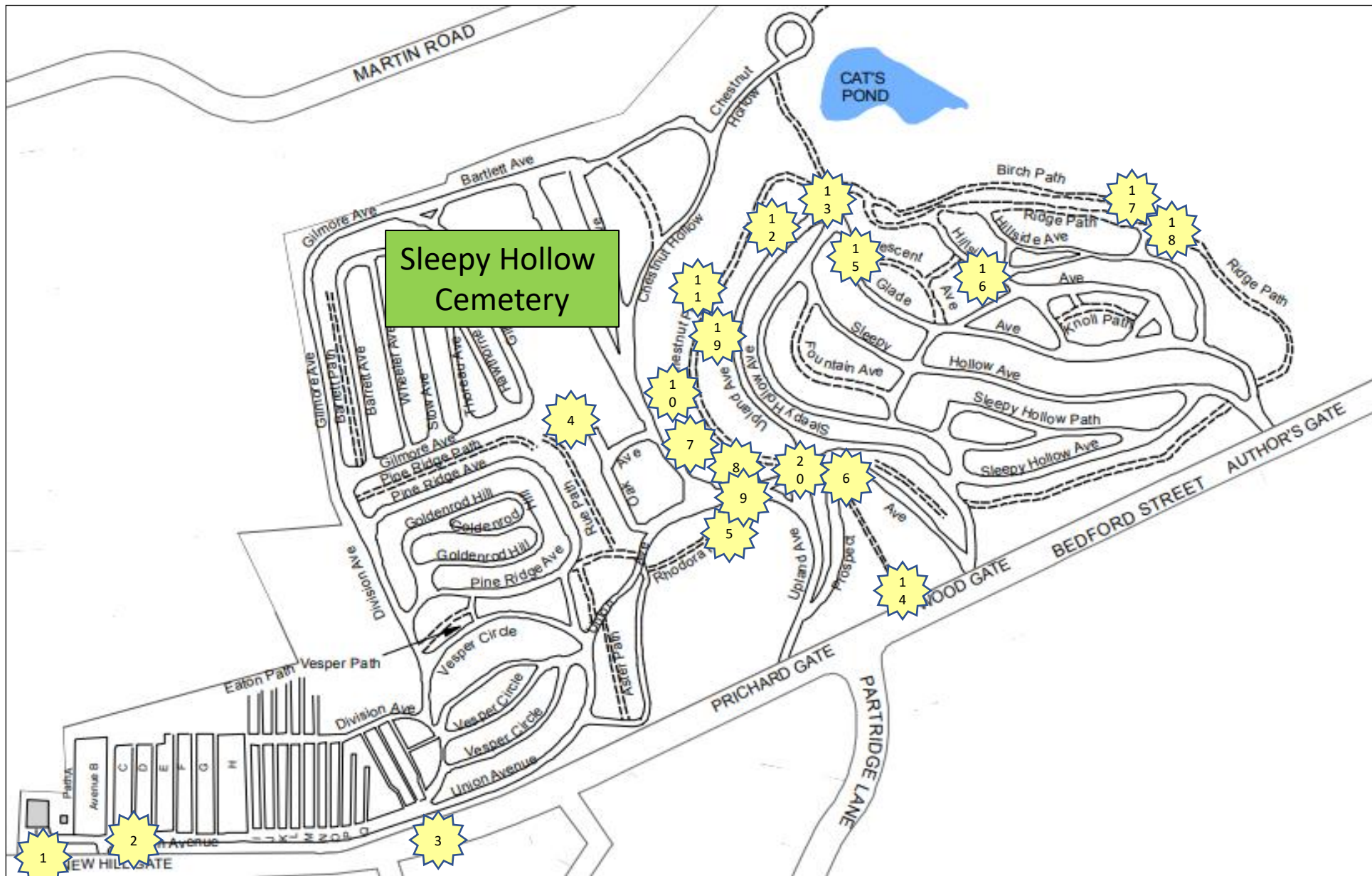


Figure 4. Retaining stone wall designated for reconstruction
Location: 3-7 [Upland Ave, left of Melvin Memorial]
Issue: multiple stones are dislodged/loose



Figure 5. Retaining stone wall designated for reconstruction
Location: 3-8 [behind of Melvin Memorial]
Issue: multiple stones dislodged; wall is starting to lean towards memorial



Figure 6. Retaining stone wall designated for reconstruction
Location: 3-2 [cemetery boundary along Bedford Street]
Issue: multiple stones dislodged; wall is leaning towards street

