



Preserving the substance and significance of gravestones

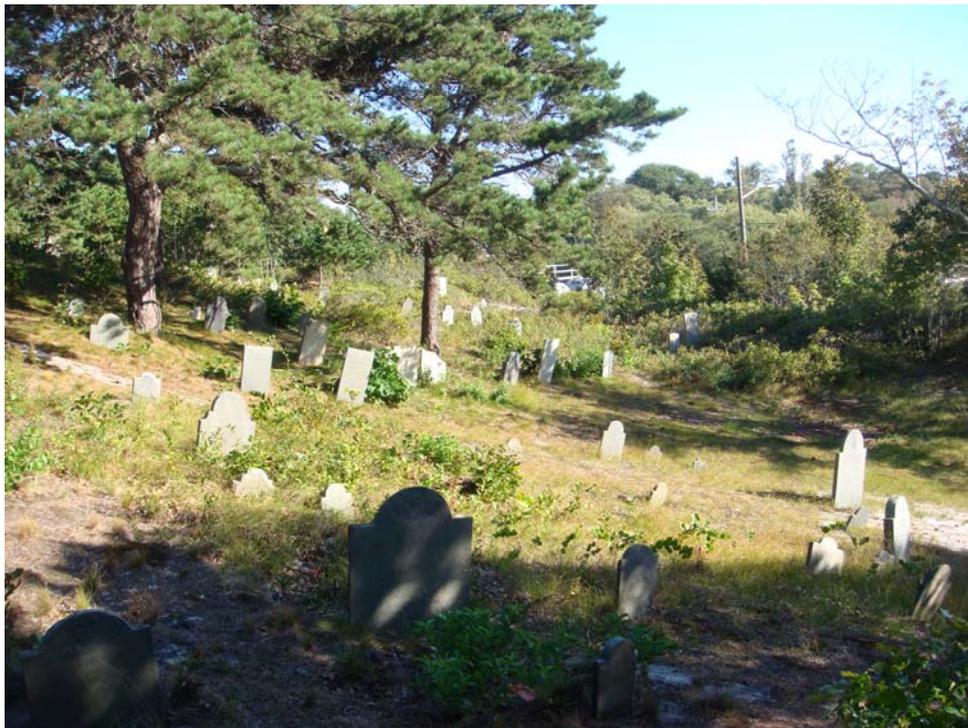
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CONDITIONS SUMMARY,
CONSERVATION RECOMMENDATIONS
AND
CONDITION ASSESSMENTS

FOR

WINTHROP STREET CEMETERY
PROVINCETOWN, MA

December, 2011



INTRODUCTION

MCC inspected the Winthrop Street Cemetery in November, 2011. A location map was made with a grid system to aid in locating the markers. All markers were given a unique ID consisting of an alpha/numerical grid location and a figure relating to the number of markers in that grid. The grid is based on a forty foot plot.

We inventoried a total of 537 markers which included 123 footstones. Almost all of the footstones are located in the older southern section and a number of these appear to have been moved some time ago. The absence of footstones in the area towards the intersection of Court and Winthrop Streets is unusual; they may have been moved or buried. During excavations in December while stabilizing hazardous markers north of the Winthrop street entrance we unearthed a footstone and additional footstone fragments.

One slate headstone, Stephen Atwood (I1.01) is located by itself along Court Street. There may be a historical reason for this early (1745) marker to be reset here, however considering that there are two other Stephen Atwood's, one 1794 the other 1802 in plot G4, it is extremely unlikely that this location is the original setting location. We would suggest the Historical Commission consider re-locating this stone within G4.

CONDITIONS SUMMARY

The phased programming of work projects depends on a number of factors, including the severity (and progressive nature) of deterioration, and the nature and complexity of the required treatments. In most cases, the development of a monument conservation plan also incorporates non-technical priorities. This involves the defining of “value” in terms of the artistic quality and/or historic significance of individual monuments.

The primary consideration, however, is safety. A monument that is structurally unsound may pose an immediate danger to the cemetery worker, to the visitor, to itself, or to other monuments nearby. For most historic cemeteries, monuments surveyed can be placed into four technical categories, by priority:

- 1 hazardous—requires immediate action;
- 2 unstable deterioration—requires treatment as soon as possible;
- 3 ongoing deterioration—may require treatment in 2 to 5 years;
- 4 stable—no treatment required (re-inspect in 5-10 years).

Identification of individual monuments that are in hazardous condition is essential, as is the development of a plan to reduce the potential for damage and injury, and to remove the danger entirely. Markers tilting 15° or greater are listed as 1- hazardous. Depending on their size, markers can be listed as 2- unstable when they have a tilt of less than 15°. Frequently, tilted markers less than 15° are listed as hazardous because they are adjacent to hazardous markers and are at risk.

In general, the risks are greater with taller monuments. Tall markers and large monuments can have a high center of gravity when they are tilted which increases the risk of falling at a lower angle of tilt. Because of their greater size they are also more visible than other stones. For these reasons the larger stones are usually classified hazardous or unstable at lower degrees of tilt.

We found the following 16 markers hazardous. These were stabilized by MCC in December 2011

D3.07	James Burgh	L4.04	Sarah Watkins
D5.16	Sarah Roberts	M4.10	Harrison Ghen
E5.08	Pierce Monument	M4.11	Amanda Ghen
E5.15	Polly Freeman	M4.12	Wallenstein Ghen
E6.10	Ghen Monument	M5.04	n.a.
F1.01	Smith Monument	N1.01	Sylvanus Kenyon
F2.01	Sally Smith	N3.03	Oliver Newberry Chaffee
I6.07	Sadie Pierce	N4.08	David Bowly

During our inspection we discovered 93 markers whose condition required a condition assessment. Approximately half of these are tilted or sunken and are listed as priority #3.

The following are the totals of the study; a complete list with a brief condition description is attached:

Priority 2- Unstable	31
Priority 3- Ongoing Deterioration	62

Phased work schedule

If necessary, conservation work to be done could be spread over 2 years.

Realistic conservation estimates at 2011 rates for a professional conservator would be:

Restoration to 31 unstable markers:	\$22,000 to \$24,800
Restoration to 62 with Ongoing Deterioration:	\$24,000 to \$28,000

Total budget \$46,000 to \$52,800

Winthrop Street Cemetery, Condition Summary and Conservation Recommendations

Conservation priority #2

C3.02	Mary Jane	Parsons	Headstone	2	Excavate, New base, poss fracture
D3.04	Nattie	Freeman	Headstone	2	Reset to base
D3.05	Pheobe	n.a.	Headstone	2	Fractured, old repair
D3.06	Huldah E	Burgh	Headstone	2	Reset to Exist base
D4.03	Rebekah	Ditson	Headstone	2	Reset into existing base
D5.05	William W	Freeman	Headstone	2	New base
D5.09	James	Emery	Headstone	2	Fractured New base
D5.15	Ann	Roberts	Headstone	2	Tilted, New base?
E4.06	Louisa	Beals	Headstone	2	Excavate, New base
E4.09	Sally	Durham	Headstone	2	Fractured New base
E4.12	(f.d.)	n.a.	Headstone	2	Excavate, New base
E5.10	Daniel H	Ghen	Headstone	2	Reset to base
E5.12	Charles R	Freeman	Headstone	2	New base
E5.14	Hatsuld	Freeman	Headstone	2	Fractured, New base
E6.06	Catherine	Freeman	Headstone	2	Fractured New base
F2.05	Jane B	Crowell	Headstone	2	Face down, fractured
F5.03	Elizabeth	Atwood	Headstone	2	Fractured
F6.01	Stephen H	Paine	Headstone	2	Overgrown, fractured
F6.10	Father	n.a.	Marker	2	Excavate and inspect
F6.11		n.a.	Marker	2	Excavate and inspect
G3.02	Elizabeth	Perry	Headstone	2	Delaminating
H2.06	Soper		Obelisk	2	Reset to base
H6.06	Susannah	Nickerson	Headstone	2	Tilted, fragmented
I6.01	Captain John	Tallcott	Headstone	2	Delaminating
J2.08	Nathaniel Jr	Nickerson	Headstone	2	Tilted, fragmented
K2.02	Bethiah	Peck	Footstone	2	Delaminating
K2.06	Louis	Larry	Headstone	2	Tilted, fragmented
N1.08	Richard	Collins	Headstone	2	Reset
P3.10	David	Young	Headstone	2	Fallen, poss. New base
P4.01	Ruth S	Roberts	Headstone	2	Fractured, out of base
P4.06	Ruth	Smith (?)	Headstone	2	Overgrown, fractured

Total 31

Winthrop Street Cemetery, Condition Summary and Conservation Recommendations

Conservation priority #3

B3.02	Children	Loring	Headstone	3	Fragmented
D4.04	Mother	n.a.	Headstone	3	Investigate, 3 fragments?
D5.19	Sally	Dyer	Headstone	3	Tilted
D5.20	Henry	Dyer	Headstone	3	Tilted in base
F2.04	Eunice S	Crowell	Headstone	3	Tilted
G6.03	Reuben	Collins	Footstone	3	Tilted
H2.01	Betsey	Soper	Headstone	3	Tilted
H5.01		n.a.	Headstone	3	Fragmented
H6.02	Hannah	Bowly	Footstone	3	Tilted
I1.01	Stephen	Atwood	Headstone	3	Tilted (along Court St)
I1.02	Reuben	Atkins	Footstone	3	Tilted (on slope)
I2.02	Henry Jr	Dyer	Footstone	3	Fragmented
I3.06	Ebenezer	Rider	Headstone	3	Fragmented
I3.19	Scamons	Hopkins	Footstone	3	Fragmented
I4.01	Sarah	Hinckley	Headstone	3	Sunken, investigate
I4.02	Solomon	Cook	Headstone	3	Tilted
I6.18	Bethiah	Nickerson	Footstone	3	Sunken and Tilted
J2.05	Emeline	Cook	Headstone	3	Clean
J2.07	Nathaniel	Nickerson	Footstone	3	Fragmented, probe for pieces
J2.09		n.a.	Headstone	3	Clean
J2.11	Phebe	Nickerson	Headstone	3	Tilted
J2.12	Doc. Stephen	Peck	Headstone	3	Clean
J2.13	Bethiah	Peck	Headstone	3	Clean
J2.14	Jonathan	Nickerson	Headstone	3	Clean
J3.05	Sally	Nickerson	Headstone	3	Clean
J3.08	Joshua	Nickerson	Headstone	3	Clean
J3.09	Martha	Nickerson	Headstone	3	Clean
J3.10	Seth	Nickerson	Headstone	3	Clean
J3.13	Josiah	Nickerson	Headstone	3	Fragmented
J4.02	Joseph	Nickerson	Headstone	3	Sunken, investigate
J4.03	Elijah	Nickerson	Headstone	3	Fragmented
J4.11	Martha	Atkins	Headstone	3	Tilted
J4.18	Sally	Nickerson	Footstone	3	Sunken, investigate
J4.19	Bethiah	Atkins	Footstone	3	Tilted
J4.20	Daniel	Howes	Headstone	3	Tilted
J4.23	Elizabeth	Atkins	Headstone	3	Tilted
K3.02	S	N	Footstone	3	Tilted
K3.03	Jemima	Nickerson	Footstone	3	Sunken, investigate
K3.12	Cynthia	Collins	Footstone	3	Sunken, investigate
K3.18	Joanna	Mayo	Footstone	3	Sunken, investigate
K4.03	Caleb Dyer	Hill	Headstone	3	Sunken, investigate
K4.05	Elizabeth	Atkins	Footstone	3	Fractured, Probe
K4.08	John	Hill	Headstone	3	Tilted

Winthrop Street Cemetery, Condition Summary and Conservation Recommendations

K4.11	Lydia	Cook	Headstone	3	Tilted
K4.13		n.a.	Headstone	3	Fractured, Probe
K5.05	David	Atkins	Footstone	3	Sunken, investigate
L3.01	Joshua	Dyer	Headstone	3	Tilted
L4.01	Jane	Lancy	Headstone	3	Tilted
M3.01	Thomas	Watkins	Headstone	3	Tilted
M3.02	S	W	Footstone	3	Tilted
M3.06	Olive	Paine	Headstone	3	Tilted
M3.08	Capt Lot	Paine	Headstone	3	Tilted
M4.01	Reuben	Orcett	Headstone	3	Tilted
M4.03	Peggy S	Dyer	Headstone	3	Tilted
M4.04	Peggy S	Dyer	Footstone	3	Tilted
P1.04	Hannah	Young	Headstone	3	Tilted
P2.01	Moses	Young	Headstone	3	Tilted
P3.07	Betsey A	Rich	Footstone	3	Tilted
P3.17	Thomas R	Small	Footstone	3	Sunken, investigate
P4.03	George N	Roberts	Headstone	3	Sunken, fragmented
P4.05	Seth	Smith	Footstone	3	Sunken, investigate
P4.09	Eleazer Jr	Young	Footstone	3	Sunken, investigate

Total 62

CONSERVATION RECOMMENDATIONS

CLEANING

In general, we do not recommend cleaning unless necessary to perform repairs. Most of the soiling is biological, and while it is slowly attacking the surface of the stone, most cleaning procedures are more aggressive than the micro-organism and additional surface material would be lost. In some instances, discoloration may be associated with the degradation of the older repair materials, such as iron fixings or unstable surface treatments.

Having all the stones clean is not historically accurate. Because of the wide range of death dates in the cemetery and continuing soiling, at no time in its history did all the stones appear "clean". Cleaning is a complicated issue involving both aesthetic and technical considerations.

In the case of marbles, cleaning does not necessarily make the inscriptions more legible, and many times the "whiteness" makes it harder to decipher. However removing the biogrowth from the slate stones will not make them appear "new". Thus, we do recommend cleaning some of the slates.

If cleaning is necessary we recommend D/2 Biological Solution (Cathedral Stone, Hanover, MD) follow manufacturer's instructions for application and fully rinse with water.

Removal of failed repairs

Repairs are considered as having failed if they are no longer functional, are unsightly, or have induced damage to adjacent original stone. Failed adhesives, mortars and pins require careful removal before proceeding with conservation treatment. Some temporary stabilization may be necessary as poorly attached fragments are disassembled.

Removal of degraded structural resins (and of the associated discoloration within the stone) may be particularly difficult and time-consuming. Mechanical removal is generally done with small hand tools. The cutting of pins and fasteners may require power tools. Ferrous metal pins are most often locked in place by corrosion expansion; their removal is best done by careful drilling with a properly-sized coring bit.

RESETTING

Eighteenth and early nineteenth century New England gravestones are typically long panels of stone that were set directly in the ground. By the first half of the 19th century, it appears that many headstones were set onto bases, some composed of several individual elements. Some bases were designed with a setting slot; others have pins. Although the re-setting of these stones is relatively straight-forward, inept handling practices can cause great harm.

For larger monuments, this work is considerably more complicated, and often involves the use of specialized lifting techniques.

Resetting in ground

Tilted stones sitting directly in the ground can be made plumb by careful excavation of soil with hand tools, to permit re-setting in the proper position. If there is not an adequate length of below grade material to adequately support the marker a new cast concrete below grade base will be required (See below: New cast concrete base).

Once the stone is carefully placed into vertical position at the proper depth, the stone is made plumb and level, and aligned with adjacent markers. Backfill with a mixture of sand and small gravel, wetted and compacted. Disturbed areas of the ground are re-graded with existing topsoil.

Resetting on/in existing base

Unsecured stones with existing bases should be re-set, but often require re-leveling and aligning of some or all base elements, and the removal of failed pins. For larger stones, which can weigh more than 300 pounds, lifting can be the most difficult and expensive portion of the operation. This work requires the careful use of hoisting equipment, and can be dangerous.

Re-setting is on a full bed of modified lime (or hydraulic lime) mortar, with fine sand; 3 parts cement, 2 parts high calcium lime and 8-10 parts fine sand (000 is preferred if available) all measured by volume. For maximum bond the mating surfaces should be primed with Acryl 60 diluted 1:3.

For more massive stones, small squares of thick lead sheet are used as corner shims, to establish a reasonable joint dimension, and for minor adjustments to level. A commercial setting compound (Bicknell) can be used for re-setting the larger granite elements. Pins, if required, should be threaded stainless steel, 10 to 25 mm in diameter for most situations. They are secured in a moisture-insensitive structural adhesive or mortar.

Stones that require insertion into existing slotted bases can be set with the same mortar mix 3:2:8 as above made fluid with a high-range water reducer. This is poured and/or injected into the base slot. Stones are set plumb and level, and are braced for a minimum of three days to limit movement during curing of the grout.

Resetting into new cast concrete base

Fractures at (or just below) grade are relatively common for thinner headstones, but the success of structural adhesion in these situations is limited. In the past, the upper portions of these monuments have simply been inserted further into the ground. A better solution is the fabrication of a new below-grade base, to re-set the stone at a more reasonable height, allowing for the viewing of inscriptions and decoration. These are fabricated on site by casting in the ground with concrete, using a removable form insert to create a setting slot (½" thicker and

1" wider than the marker, 1" deep); the finished top surface of the base should be entirely concealed by new topsoil, which is then seeded.

The bases are minimally 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone itself. Once the concrete has cured, forms are removed and the stones are reset into the slot as above.



On left, a new base partially filled with concrete and foam setting form in background.



On the right, the poured base with setting form in place

When lower fragments are missing or there is a fracture at or below grade the lower edge of the stone will have to be re-squared prior to re-setting keeping losses at a minimum. Any inscriptions that will be lost or hidden are to be recorded.

Resetting Larger monuments

As the scale of cemetery monuments increases, so does the difficulty of their conservation, even for a highly skilled memorial mason. This is due, in part, to the structural inter-relationship of elements, and the greater number of concealed metal fixings. These factors often make it impossible to re-set one or two pieces of stone that are out of alignment. What may actually be required is partial disassembly and re-building of the monument, which is a serious task. Some slender monuments, such as obelisks, exhibit a particular problem of instability. Their small "footprint" and solid construction makes them especially sensitive to the load bearing capacity of the soil beneath, and to the soundness of their foundations. Over time, the high center of gravity of a tilted obelisk can easily lead to progressive tilting. Re-leveling can be done with small hydraulic jacks, but this is a difficult and dangerous operation, requiring considerable skill. Lead shims together with a commercial setting compound (Bicknell) can be used to reset the larger elements.

REPAIR

Repair programs deal with the reassembly of fractures, and the filling of open joints, cracks and delaminations, and larger areas of materials loss. Most broken stones can be re-assembled with structural adhesives. Depending on the geometry of the break, reinforcement with pins may or may not be required.

Structural adhesion

Potential bonding surfaces are carefully cleaned and the pieces dry fitted to test for conformation, identifying contact areas. All fragments found nearby should be examined at this point; systematic soil probing in the general vicinity is frequently successful in locating missing pieces. (As noted earlier, structural adhesives do not perform adequately when used below or near grade.)

A thixotropic, moisture-insensitive two-part epoxy (Aboweld 55-22, Abatron) is applied along both surfaces of the glue line, keeping the adhesive slightly back from the edge of the break. Most of these adhesives require a minimum air and surface temperature of 10° C. Properly-aligned fragments are joined with clamps, and the assembly braced during curing of the epoxy, typically a week or so. Any excess adhesive flowing from the glue lines should be allowed to partially cure, then carefully cut or chipped away with sharp hand tools. A recent fracture of sound material generally requires less epoxy than a weathered surface with poorer "fit". When fully cured, areas along the glue line are concealed with a lime-based repair mortar.

Reinforcement

The extensive and routine use of pinning to repair fractured stones is controversial. There are many variables to consider before drilling. The cross-section of stone, the type and soundness of material, and the location and shape of the fracture can all influence the decision to reinforce a structural repair. If the fractured stone is sound and/or recently broken, the attachment of fragments with a structural adhesive should be sufficient.

The use of pins has sometimes been recommended to provide a "slow failure" if the adhesive should fail in the future. This assumes that if the monument were to fail again it would be along the previous failure line. This may or may not be the case. In fact, the use of pins can increase the length of the moment arm when force is applied at some distance from the repair. This means that a lesser force can fracture the stone, and that failure will not occur at the glue line, but rather at the end of the pins.

Complex breaks, however, may require some drilling and structural pinning for safer reassembly. If there are missing fragments, voids can be spanned by these pins to provide an armature for the subsequent installation of repair mortars.

Where pinning is required, holes should be drilled at slow speed, using an appropriately sized masonry bit. Water should be liberally applied into the hole

while drilling. Before inserting pins, the drilling debris should be thoroughly flushed out with water and the hole allowed to dry fully, or (alternatively) blown clean with compressed air. The drilling of holes into the edge of a weak, deteriorated stone may be very destructive, and is often impossible.

Threaded stainless steel rods are recommended for pinning. The diameter of the drill hole should be less than 1/3 of the thickness of the stone, and the total length of the pin equal to 6 to 10 times its diameter. Pins are secured in a moisture-insensitive structural adhesive.

Repair mortars/ crack fillers

Losses designated for compensation can be filled with commercially-available cementitious restoration mortars (Jahn Restoration Mortars, Replical, both from Cathedral Stone), or a pigmented lime mortar, using colored aggregates. Mortar color and texture should be matched to that of the unsoiled stone, seen after cleaning or (more often) where fractured. If the stone will not be cleaned, artificial "soiling" of the cured mortar surfaces can be done by a variety of means, including use of a pigmented, transparent potassium silicate coating (Silin, Cathedral Stone), or a diluted acrylic dispersion). Dry colors for this purpose and for incorporation into the mortar itself must be alkali-stable oxides, as used in the construction industry.

These materials and methods are also useful for crack filling. In this instance, however, the aggregates must be considerably finer in size. As for pointing, work with repair mortars should not be undertaken when there is a risk of freezing temperatures in the following 14 days.

Filing of delaminations

Repair of delamination is designed to prevent further detachment of stone, by re-establishing cohesion between layers, and preventing the penetration of water.

Best practice begins with the careful removal of loose debris in the voids, using hand tools and the cautious use of compressed air. Interior surfaces are then saturated with a wetting solution, such as isopropanol/water

For delaminating sandstones, all loose material should be removed prior to consolidation. Treat all surfaces with Conservare OH 100 (Prosoco, Lawrence KS). Minimum 2 full cycles (6 applications). After full cure, min four weeks, fill cracks and voids as above. For large voids, backer rods will required before grouting.

Commercial products are available (Relical Crack Filler, Cathedral Stone) or a low strength cement/lime (3:2:8) grout, with fine aggregates is used to fill the voids.

When it is necessary to pour the grout it is made fluid with a high-range water reducer or commercial flowable grouts (M-40, Cathedral Stone) can be used. The filled areas and surrounding surfaces are lightly misted with water and kept

covered for a minimum of 3 days. After a partial cure the covering is removed and the filled areas and adjoining surfaces of the stone are treated with a weak acetic acid wash applied with a soft brush to remove excess grout and fully rinsed with water.

For delaminating slates a slate grey, pigmented acrylic latex caulk such as AlexPlus by Dap can be applied to the top voids, thus leaving the sides open to allow any water that may become entrapped to escape. Immediate cleanup is important and necessary. For large voids, backer rods will be required before grouting.

PRODUCTS/SUPPLIERS

- *RepliCal™
- *Jahn™ Restoration Mortars
- *M-40 Flowable grouts
- *Silin
- * D/2 Biological Solution
from: Cathedral Stone Products Inc.
7266 Park Circle Drive
Hanover MD 21076 USA
800 684 0901 fax 800 684 0904

- *Aboweld 55-22
from: Abatron Inc
5501 95th Avenue
Kenosha, WI 53144
262 653 2000 fax 262 653 2019

- *BBB Setting Compound
- *Lead Strip
from: Bicknell Manufacturing Company
Elberton, Georgia
800 241 7105

- *Conservare OH100
from: Prosoco
Lawrence KS
(800) 255-4255

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Loring Children

Death Date:

Material: **Marble**

Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conserva-
tion**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 12 Thickness 2 Height 16

Location: **B3.02**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Mary Jane Parsons

Death Date:

Material: **Marble**

Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Overgrown**

EXISTING CONDITIONS

Overgrown, possible fracture

CONSERVATION STRATEGY

Excavate, Possible fractures
Construct new below grade base

CONSERVATION PRIORITY

2

- 1) Hazardous, immediate action
- 2) Unstable- asap
- 3) Ongoing deterioration, treat 2-5 years
- 4) Stable
- A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate marker. Remove soiling by light brushing with nylon brushes and water. Inspect marker for fractures.
2. Excavate setting area for new below grade cast concrete base sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade.
3. Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers.
4. If required, re-square the lower edge of marker with minimal loss.
5. After min 3 day cure, remove the setting form and reset stone into slot using a cement/lime grout (3/2/8) with 000 sand
6. Set marker plumb and level, brace for minimum of 5 days.
7. Disturbed areas to be backfilled with tamped sand and gravel, and re-graded with existing topsoil.

Comments:

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Width 16 Thickness Height

Location: **C3.02**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Nattie Freeman

Death Date: 1864

Material: Marble

Marker Type: Headstone/base

Condition of Inscription: Decipherable

EXISTING CONDITIONS

Loose on base

CONSERVATION STRATEGY

Reset to base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Inspect marker for soundness
2. Clear any failed mortar from setting surfaces and bottom of marker
3. Inspect any existing pins. If required, replace with threaded stainless pins.
4. Prime setting surfaces with Acryl 60 diluted 1:3 with water.
5. Re-set marker plumb onto base with 000 grout (2:3:8)
6. Remove any excess grout from setting joint and brace until cured

Comments:

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Width 12 Thickness 4 Height 20

Location: **D3.04**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Pheobe n.a.

Death Date:

Material: **Marble**

Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Missing**

EXISTING CONDITIONS

Failed old repair

CONSERVATION STRATEGY

**Remove failed adhesives
Attach with structural adhesive**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. . Excavate overgrown marker fragment. If required, probe area for missing fragments. Check in ground fragment for plumb. If necessary, excavate and re-set plumb.
2. Remove any failed adhesives or mortar. Treat mating edges with D/2 Biological Solution, scrub with nylon brushes and water. Rinse fully with water
3. Dry fit fractured elements to ascertain fit and to check for large losses at mating areas. Whenever possible, fragments should be attached using gravity as a guide for stability
4. Attach dry fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy within 24 hours with hand chisels
5. Fill cracks and small voids with appropriately pigmented RepliCal products. Any large losses filled with Jahn cementitious mortar to match stone.
6. All filled areas misted with water and covered for 3 days minimum
7. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, in made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 17 Thickness 2 Height 42

Location: **D3.05**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Huldah E. Burgh

Death Date: 1/20/1847 Material: Marble Marker Type: Headstone/base

Condition of Inscription: Legible

EXISTING CONDITIONS

Marker off base

CONSERVATION STRATEGY

Reset marker to base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Inspect marker for soundness
2. Clear any failed mortar from setting surfaces and bottom of marker
3. Inspect any existing pins. If required, replace with threaded stainless pins.
4. Prime setting surfaces with Acryl 60 diluted 1:3 with water.
5. Re-set marker plumb onto base with 000 grout (2:3:8)
6. Remove any excess grout from setting joint and brace until cured

Comments:

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Width 19 Thickness 5 Height 38

Location: **D3.06**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Rebecca Ditson

Death Date: 1/27/1853 Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Tilted, out of existing base

CONSERVATION STRATEGY

Level base if required
Reset marker into base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Inspect marker for soundness
2. Clear any failed mortar from setting slot and bottom of marker
3. Inspect any existing pins, if required, replace with threaded stainless pins.
4. Prime setting surfaces with Acryl 60 diluted 1:3 with water.
5. Re-set marker plumb onto base with 000 grout
6. Remove any excess grout from setting joint and brace until cured.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 24 Thickness 2 Height 42

Location: **D4.03**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

William W. Freeman

Death Date: **8/27/1849** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Overgrown**

EXISTING CONDITIONS

Fallen, overgrown

CONSERVATION STRATEGY

**Excavate
Construct new below grade base**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Remove soiling by light brushing with nylon brushes and water. Inspect marker for soundness.
- Excavate setting area for new below grade cast concrete base sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade.
- Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss.
- After min 3 day cure, remove the setting form and reset stone into slot using a cement/lime grout (3/2/8) with 000 sand
- Set marker plumb and level, brace for minimum of 5 days.
- Disturbed areas to be backfilled with tamped sand and gravel, and re-graded with existing topsoil.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 12 Thickness 2 Height 30

Location: **D5.05**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **James Emery**

Death Date: **5/23/1847** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Overgrown**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fallen, overgrown, fractured	Construct new base Structural adhesion

CONSERVATION PRIORITY

2

- 1) Hazardous, immediate action
- 2) Unstable- asap
- 3) Ongoing deterioration, treat 2-5 years
- 4) Stable
- A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Excavate setting area for new below grade cast concrete base. 2. Cast a new concrete base sized min. 12" deep, 12" greater in thickness and 6" wider than the stone. The finished top to be below grade. 3. Align setting slot form with adjacent markers before concrete is poured 4. When required, re-square the lower edge of marker with minimal loss using a power grinder 5. Reset lower fragment plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for min 5 days 6. Clean all mating edges with water, remove any failed adhesives with hand tools 7. When possible, fragments should be attached using gravity as a guide. 8. Attach fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy with hand chisels within 24 hours. 9. Fill cracks and losses with RepliCal products, mist with water and cover for min. 3 days 10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, in made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width n.a. Thickness

Height

Location:

D5.09

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Ann Roberts

Death Date:

Material: **Marble**

Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Tilted

Reset
Possible new base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker; extremely tilted markers are hazardous; remove soiling by light brushing with nylon brushes and water.
- If adequate below grade length is found for resetting (over 24"), ideally 30", reset marker plumb.
- If unsound material or less than 24" is found, new below grade cast concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade.
- Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss.
- After min 3 day cure, remove the setting form and reset marker plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand . Brace for minimum of 5 days.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, in made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 12 Thickness 1.5 Height 27

Location:

D5.15

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Sally Dyer

Death Date: **7/16/1847** Material: **Marble** Marker Type: **Headstone in base**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Loose in base

CONSERVATION STRATEGY

Reset into setting slot

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove marker from setting slot
2. Remove debris from setting slot. Grinders may be required to remove stone fragments.
3. Inspect marker for soundness. If required, re-square lower edge to fit setting slot. Remove any failed mortar from lower edge.
4. Re-set marker plumb into setting slot with flowable 000 grout
5. Remove excess grout and brace marker until cured

Comments:

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Width 26 Thickness 2 Height 40

Location: **D5.19**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Henry Dyer

Death Date: 1884 Material: Marble Marker Type: Headstone in base

Condition of Inscription: Decipherable

EXISTING CONDITIONS

Loose in base

CONSERVATION STRATEGY

Reset into setting slot

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove marker from setting slot
2. Remove debris from setting slot. Grinders may be required to remove stone fragments.
3. Inspect marker for soundness. If required, re-square lower edge to fit setting slot. Remove any failed mortar from lower edge.
4. Re-set marker plumb into setting slot with flowable 000 grout
5. Remove excess grout and brace marker until cured

Comments:

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Width 22 Thickness 4 Height 38

Location: **D5.20**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Louisa Beals

Death Date: **4/26/1841** Material: **MArble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Overgrown**

EXISTING CONDITIONS

Fallen, overgrown

CONSERVATION STRATEGY

**Excavate
Construct new below grade base**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Remove soiling by light brushing with nylon brushes and water. Inspect marker for soundness.
- Excavate setting area for new below grade cast concrete base sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade.
- Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss.
- After min 3 day cure, remove the setting form and reset stone into slot using a cement/lime grout (3/2/8) with 000 sand
- Set marker plumb and level, brace for minimum of 5 days.
- Disturbed areas to be backfilled with tamped sand and gravel, and re-graded with existing topsoil.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width n.a. Thickness

Height

Location:

E4.06

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Dally Durham

Death Date: 1/20/1843 Material: Marble Marker Type: Headstone

Condition of Inscription: Decipherable/ Overgrown

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fallen, overgrown, fractured	Construct new base Structural adhesion

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Excavate setting area for new below grade cast concrete base. 2. Cast a new concrete base sized min. 12" deep, 12" greater in thickness and 6" wider than the stone. The finished top to be below grade. 3. Align setting slot form with adjacent markers before concrete is poured 4. When required, re-square the lower edge of marker with minimal loss using a power grinder 5. Reset lower fragment plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for min 5 days 6. Clean all mating edges with water, remove any failed adhesives with hand tools 7. When possible, fragments should be attached using gravity as a guide. 8. Attach fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy with hand chisels within 24 hours. 9. Fill cracks and losses with RepliCal products, mist with water and cover for min. 3 days 10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width n.a. Thickness

Height

Location:

E4.09

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER (face down)

Death Date: Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Overgrown**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fallen, overgrown, possible fractures	Excavate Construct new below grade base

CONSERVATION PRIORITY

2

- 1) Hazardous, immediate action
- 2) Unstable- asap
- 3) Ongoing deterioration, treat 2-5 years
- 4) Stable
- A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Carefully excavate marker. Remove soiling by light brushing with nylon brushes and water. Inspect marker for soundness. 2. Excavate setting area for new below grade cast concrete base sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. 3. Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers. 4. If required, re-square the lower edge of marker with minimal loss. 5. After min 3 day cure, remove the setting form and reset stone into slot using a cement/lime grout (3/2/8) with 000 sand 6. Set marker plumb and level, brace for minimum of 5 days. 7. Disturbed areas to be backfilled with tamped sand and gravel, and re-graded with existing topsoil.

Comments:

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Width n.a. Thickness

Height

Location:

E4.12

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Daniel H. Ghen

Death Date: **8/17/1835** Material: **Marble** Marker Type: **Headstone/ Base**

Condition of Inscription: **Legible**



Width 11 Thickness 4 Height 11

Location: **E5.10**

EXISTING CONDITIONS

Loose on base

CONSERVATION STRATEGY

Reset to base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Inspect marker for soundness
2. Clear any failed mortar from setting surfaces and bottom of marker
3. Inspect any existing pins. If required, replace with threaded stainless pins.
4. Prime setting surfaces with Acryl 60 diluted 1:3 with water.
5. Re-set marker plumb onto base with 000 grout (2:3:8)
6. Remove any excess grout from setting joint and brace until cured

Comments:

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CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Charles R. Freeman

Death Date: 11/27/1852 Material: Marble Marker Type: Headstone

Condition of Inscription: Decipherable

EXISTING CONDITIONS

Fallen, overgrown

CONSERVATION STRATEGY

Excavate
Construct new below grade base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Remove soiling by light brushing with nylon brushes and water. Inspect marker for soundness.
- Excavate setting area for new below grade cast concrete base sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade.
- Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss.
- After min 3 day cure, remove the setting form and reset stone into slot using a cement/lime grout (3/2/8) with 000 sand
- Set marker plumb and level, brace for minimum of 5 days.
- Disturbed areas to be backfilled with tamped sand and gravel, and re-graded with existing topsoil.

Comments:

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Width n.a. Thickness

Height

Location:

E5.12

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Hatsuld Freeman**

Death Date: **2/9/1844** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fallen, overgrown, fractured	Construct new base Structural adhesion

CONSERVATION PRIORITY

2

- 1) Hazardous, immediate action
- 2) Unstable- asap
- 3) Ongoing deterioration, treat 2-5 years
- 4) Stable
- A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Excavate setting area for new below grade cast concrete base.
2. Cast a new concrete base sized min. 12" deep, 12" greater in thickness and 6" wider than the stone. The finished top to be below grade.
3. Align setting slot form with adjacent markers before concrete is poured
4. When required, re-square the lower edge of marker with minimal loss using a power grinder
5. Reset lower fragment plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for min 5 days
6. Clean all mating edges with water, remove any failed adhesives with hand tools
7. When possible, fragments should be attached using gravity as a guide.
8. Attach fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy with hand chisels within 24 hours.
9. Fill cracks and losses with RepliCal products, mist with water and cover for min. 3 days
10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width n.a. Thickness

Height

Location:

E5.14

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Catherine Freeman

Death Date: **4/16/1827** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable/ Overgrown**

EXISTING CONDITIONS

Fallen, overgrown,
fractured

CONSERVATION STRATEGY

Construct new base
Structural adhesion

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Excavate setting area for new below grade cast concrete base.
2. Cast a new concrete base sized min. 12" deep, 12" greater in thickness and 6" wider than the stone. The finished top to be below grade.
3. Align setting slot form with adjacent markers before concrete is poured
4. When required, re-square the lower edge of marker with minimal loss using a power grinder
5. Reset lower fragment plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for min 5 days
6. Clean all mating edges with water, remove any failed adhesives with hand tools
7. When possible, fragments should be attached using gravity as a guide.
8. Attach fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy with hand chisels within 24 hours.
9. Fill cracks and losses with RepliCal products, mist with water and cover for min. 3 days
10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width n.a. Thickness

Height

Location:

E6.06

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Jane B. Crowell

Death Date: 4/14/1840 Material: Marble Marker Type: Headstone

Condition of Inscription: Decipherable/ Overgrown

EXISTING CONDITIONS

Fallen, overgrown,
fractured

CONSERVATION STRATEGY

Evaluate,
Possible new base
Structural adhesion

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Excavate marker and fragments; remove soiling by light brushing with nylon brushes and water. Remove any previous failed repairs.
2. Evaluate marker condition and area of fracture. If fracture is found to be within 6" of grade after resetting, a new below grade concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. Align the setting slot with adjacent markers. If fracture is above 6" from grade, bottom fragment can be reset in ground and proceed with step #6.
3. Re-square the lower edge of marker fragment at appropriate height for resetting.
4. After min 3 day cure, remove the setting form and reset lower marker fragment plumb and level into slot using a cement/lime grout (3/2/8) . Brace for minimum of 5 days.
5. Backfill disturbed areas with tamped sand and gravel, re-grade with existing topsoil.
6. Attach fragments with structural adhesive, brace and clamp until cured.
8. Fill cracks and losses with RepliCal and Jahn products, mist filled areas with water and cover for 3 days minimum
9. Treat filled surface areas with light acid wash and rinse thoroughly.

Comments:

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Width n.a. Thickness

Height

Location:

F2.05

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Stephen H. Paine

Death Date: 11/15/1848 Material: Marble Marker Type: Headstone

Condition of Inscription: Decipherable/ Overgrown

EXISTING CONDITIONS

Fallen, overgrown,

CONSERVATION STRATEGY

Excavate marker
Inspect for soundness
Reset

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate marker and inspect marker for soundness.
2. Remove soiling by light brushing with nylon brushes and water.
3. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
4. Backfill area around marker with tamped sand and gravel
5. Re-grade disturbed areas with existing topsoil.

Comments:

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Width na Thickness Height

Location: **F6.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Father

Death Date:

Material: **Marble**

Marker Type: **n.a.**

Condition of Inscription: **Partial, overgrown**

EXISTING CONDITIONS

**Overgrown
Possible fragment of F6.11**

CONSERVATION STRATEGY

**Excavate, and probe
Evaluate conservation possibilities
Reset**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate marker and probe nearby area for fragments.
2. Brush clean and inspect pieces for soundness and extreme sugaring.
3. Evaluate if marker is restorable. If not, reset as found.
4. If restorable, clean mating surfaces and remove any failed adhesives or mortar
5. Attach fragments with structural adhesive, brace and clamp until cured.
6. Fill cracks and losses with RepliCal and Jahn products.
7. Re-setting possibilities to be determined in field. A new below grade base may be necessary.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width n.a. Thickness

Height

Location:

F6.10

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **n.a.**

Death Date: Material: **Marble** Marker Type: **n.a.**

Condition of Inscription: **Partial, overgrown**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Excavate and inspect Possible fragment of F6.10	Excavate, and probe Evaluate conservation possibilities Reset

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker and probe nearby area for fragments. Brush clean and inspect pieces for soundness and extreme sugaring. Evaluate if marker is restorable. If not, reset as found. If restorable, clean mating surfaces and remove any failed adhesives or mortar Attach fragments with structural adhesive, brace and clamp until cured. Fill cracks and losses with RepliCal and Jahn products. Re-setting possibilities to be determined in field. A new below grade base may be necessary.



Width **n.a.** Thickness Height

Location: **F6.11**

Comments:

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CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Elizabeth Perry

Death Date: 1/13/1812 Material: Slate Marker Type: Headstone

Condition of Inscription: Legible

EXISTING CONDITIONS	CONSERVATION STRATEGY
Delaminating	Cap top of slate

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Flush open delaminations with water and remove any loose debris. 2. Fill any voids along the top edge larger than 1/8" with appropriately sized backer rod. 3. Carefully fill all open delaminations at top edge with a flexible grey latex caulk (AlexPlus by Dap, Baltimore, MD). Add pigments to the caulk to match stone. 4. Keep the sides open to allow the escape of any water that may enter the interior. 5. Immediately remove excess grout material with repeated use of damp sponging.

Comments:

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Width 21 Thickness 1.5 Height 31

Location:

G3.02

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Reuben Collins

Death Date: 1798

Material: Slate

Marker Type: Footstone

Condition of Inscription: Legible

EXISTING CONDITIONS

CONSERVATION STRATEGY

Tilted

Rest in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

G6.03

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Betsey Soper

Death Date: 4/15/1826 Material: Slate Marker Type: Headstone

Condition of Inscription: Legible

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Rest in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 23 Thickness 1.5 Height 46

Location: **H2.01**

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Captain Samuel Soper**

Death Date: **12/8/1860** Material: **Marble** Marker Type: **Obelisk**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Detached from base	Reset loose elements

CONSERVATION PRIORITY 2

1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Remove obelisk (with mechanical assistance) and base units from setting base . If required reset setting base level 3. Clear all setting surfaces of bio-growth and remove any failed setting mortar. 4. Prime setting bed surfaces with Acryl 60 dilute 1:3 with water and re-set base elements with 3:2:8 mix with 000 sand. Use lead shims where necessary. 5. Reset obelisk with mechanical assistance onto base as above. 6. Remove excess grout from joint area.

Comments:

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Width 15 Thickness 15 Height 80

Location: **H2.06**

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **n.a.**

Death Date: Material: **Slate** Marker Type: **Footstone**

Condition of Inscription: **Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conserva-
tion**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width 17.5 Thickness 4 Height 12

Location: **H5.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Susannah Nickerson**

Death Date: **5/19/1802** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

Tilted, Losses

CONSERVATION STRATEGY

**Reset marker
Probe
Attach fragments if found**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate soil around marker. Be aware that the marker may become unstable and that a footstone or fragments may be buried alongside.
2. Remove soil to an appropriate depth, when required remove marker from hole
3. Probe surrounding area for fragments.
4. When setting area is excavated to sufficient depth re-set stone plumb at appropriate height and level onto gravel bed, align with adjacent markers
5. Backfill area around marker with tamped sand and gravel
6. Re-grade disturbed areas with existing topsoil and sod.
7. Attach any found fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy in 24 hours with hand chisels
8. Fill cracks and small voids with appropriately pigmented RepliCal products. Any large losses filled with Jahn cementitious mortar to match stone.
9. All filled areas misted with water and covered for 3 days minimum
10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 21 Thickness 1.5 Height 33

Location: **H6.06**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Reuben Atkins

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

CONSERVATION STRATEGY

**Tilted
Relocate?**

**Reset inground
Discuss possible relocation**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
2. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
3. if required, remove stone from ground.
4. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
5. Backfill area around marker with tamped sand and gravel
6. Re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

11.02

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Henry Dyer Jr.

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable/ Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conservation**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width

Thickness

Height

Location:

12.02

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Ebenezer Rider

Death Date: **3/16/1809** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible/ Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conservation**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly



Width 18 Thickness 1 Height

Location: **13.06**

Comments:

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Scamons Hopkins

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable/Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conservation**

CONSERVATION PRIORITY

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width

Thickness

Height

Location:

13.19

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Sarah Hinkley**

Death Date: **3/7/1799** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Sunken	Excavate and determine how marker can be reset higher

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate area around marker and evaluate resetting options. If adequate below grade length is found for resetting (over 24"), ideally 30", reset marker plumb at appropriate height and level onto gravel bed. If unsound material or less than 24" is found, a new below grade cast concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. Align the setting slot (1/2" wider and thicker than the marker) with adjacent markers. If required, re-square the lower edge of marker with minimal loss. Re-set marker plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand . Brace for minimum of 5 days. Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width 21.5 Thickness 2 Height 37

Location: **14.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Solomon Cook

Death Date: 11/21/1781 Material: Slate Marker Type: Headstone

Condition of Inscription: Legible

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Rest in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width 21.5 Thickness 1.5 Height 30

Location: 14.02

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Nickerson (Susannah?)**

Death Date: 11/21/1781 Material: sandstone Marker Type: Headstone

Condition of Inscription: **Missing, partially decipherable**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Delaminating	Clean Consolidate Fill voids

CONSERVATION PRIORITY 2 1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> 1. Remove loose sandstone materials with hand tools, accompanied by low air pressure 2. All surfaces treated with D/2 antimicrobial, rinsed with water 3. Treat all surfaces with Conservare OH 100 (Prosoco, Lawrence KS). Minimum 2 full cycles (6 applications) 4. When cured, all interior voids to be filled with pigmented flowable grout. 5. Surface cracks filled with pigmented Replical brownstone crack filler 6. Losses to be filled with pigmented Replical or Jahn brownstone mortar. 7.. Filled areas misted with water and covered for 3 days min 8. After partial cure, filled areas and adjacent surfaces treated with weak acid wash, and fully rinsed with water



Width 12 Thickness 2 Height 14

Location: **14.13**

Comments:

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Bethiah Nickerson

Death Date:

Material: **Marble**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Sunken and Tilted

Reset

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate area around footstone and remove footstone from ground.
2. Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
3. Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

16.18

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Nathaniel Nickerson

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conservation**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width

Thickness

Height

Location:

J2.07

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Nathaniel Nickerson Jr.**

Death Date: **5/13/1820** Material: **Sandstone** Marker Type: **Headstone**

Condition of Inscription: **missing**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted, delaminated, fragmented	Reset marker Probe Attach fragments if found

CONSERVATION PRIORITY 2 1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
1. Carefully excavate soil around marker. Be aware that the marker may become unstable and that a footstone or fragments may be buried alongside. 2. Remove soil to an appropriate depth. If required remove marker from hole 3. Probe surrounding area for fragments. 4. When setting area is excavated to sufficient depth re-set stone plumb at appropriate height and level onto gravel bed, align with adjacent markers 5. Backfill area around marker with tamped sand and gravel 6. Attach any found fragments with structural adhesive (Abatron 55-22), clamp and brace until cured. Remove excess epoxy in 24 hours with hand chisels 7. Fill all cracks, voids caused by delaminations, and small voids with appropriately pigmented RepliCal products. Any large losses filled with Jahn cementitious mortar to match stone. 9. All filled areas misted with water and covered for 3 days minimum 10. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width 20 Thickness 3 Height 46

Location: **J2.08**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Doc. Stephen Peck

Death Date: **8/1/1818** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Biogrowth

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

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Width 29 Thickness 7 Height 46

Location:

J2.12

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Bethiah Peck

Death Date: **9/27/1810** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Biogrowth

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 29 Thickness 7 Height 46

Location: **J2.13**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Jonathan Nickerson

Death Date: **6/17/1807** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Biogrowth

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

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Width 37 Thickness 8 Height 45

Location: **J2.14**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Sally Nickerson

Death Date: 11/28/1798 Material: Slate Marker Type: Headstone

Condition of Inscription: Decipherable

EXISTING CONDITIONS

CONSERVATION STRATEGY

Biogrowth

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

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Width 22 Thickness 6 Height 34

Location: **J3.05**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Martha Nickerson

Death Date: **8/28/1817** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Clean

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

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Width 34 Thickness 8 Height 43

Location: **J3.09**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Seth Nickerson

Death Date: **9/10/1789** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Biogrowth

CONSERVATION STRATEGY

Treat with D/2

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Remove loose bio-growth with wooden or plastic scrapers.
2. Apply undiluted D/2 Biological Solution with a brush or pump sprayer.
3. Scrub surface thoroughly with a non-metallic, short fibered scrub brush. Allow the D/2 to remain on the surface for 1 or 2 minutes, then apply additional D/2 to maintain a wet surface. Lightly mist with water and continue scrubbing.
4. Rinse thoroughly with clean water by hose or pump sprayer.

Comments:

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Width 33 Thickness 8 Height 47

Location: **J3.10**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Josiah Nickerson

Death Date: **8/2/1794** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable/Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conservation**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width 14.5 Thickness 1.5 Height

Location: **J3.13**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Joseph Nickerson

Death Date: **8/10/1801** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

Excavate and determine how marker can be reset higher

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around marker and evaluate resetting options. If adequate below grade length is found for resetting (over 24"), ideally 30", reset marker plumb at appropriate height and level onto gravel bed.
- If unsound material or less than 24" is found, a new below grade cast concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. Align the setting slot (1/2" wider and thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss. Reset marker plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for minimum of 5 days.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 15 Thickness 2 Height 10

Location: **J4.02**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Elijah Nickerson

Death Date: 10/6/1800 Material: Slate Marker Type: Headstone

Condition of Inscription: Decipherable/Missing

EXISTING CONDITIONS

Fragmented
Missing elements

CONSERVATION STRATEGY

Probe for missing elements
Evaluate feasibility of conservation

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable. If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width 14.5 Thickness 1.5 Height

Location: **J4.03**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Martha Atkins**

Death Date: **1/21/1803** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Rest in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 12 Thickness 1.5 Height 14

Location: **J4.11**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Elizabeth Atkins

Death Date: 11/20/1806 Material: Slate Marker Type: Headstone

Condition of Inscription: Decipherable

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 14 Thickness 1.5 Height 14

Location: **J4.23**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Bethiah Peck

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Delaminting

Cap top.

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Flush open delaminations with water and remove any loose debris.
2. Fill any voids along the top edge larger than 1/8" with appropriately sized backer rod.
3. Carefully fill all open delaminations at top edge with a flexible grey latex caulk (AlexPlus by Dap, Baltimore, MD). Add pigments to the caulk to match stone.
4. Keep the sides open to allow the escape of any water that may enter the interior.
5. Immediately remove excess grout material with repeated use of damp sponging.

Comments:

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Width

Thickness

Height

Location:

K2.02

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Jemima Atkins Nickerson**

Death Date: Material: **Slate** Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Sunken	Excavate Reset higher if possible

CONSERVATION PRIORITY 3

1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate area around footstone and remove footstone from ground. Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height. Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.



Width Thickness Height

Location: **K3.03**

Comments:

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CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

C.C. (Cynthia Collins)

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

**Excavate
Reset higher if possible**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate area around footstone and remove footstone from ground.
2. Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
3. Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

K3.12

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Joanna Mayo

Death Date:

Material: **Sandstone** Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

**Excavate
Reset higher if possible**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around footstone and remove footstone from ground.
- Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

K3.18

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Caleb Dyer Hill

Death Date: **3/29/1803** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

Excavate and determine how marker can be reset higher

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around marker and evaluate resetting options. If adequate below grade length is found for resetting (over 24"), ideally 30", reset marker plumb at appropriate height and level onto gravel bed.
- If unsound material or less than 24" is found, a new below grade cast concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. Align the setting slot (1/2" wider and thicker than the marker) with adjacent markers.
- If required, re-square the lower edge of marker with minimal loss. Reset marker plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand. Brace for minimum of 5 days.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width 12.5 Thickness 1.5 Height 11

Location:

K4.03

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Elizabeth Atkins

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Missing**

EXISTING CONDITIONS

Fragmented, missing elements

CONSERVATION STRATEGY

Probe for missing elements
Evaluate feasibility of conservation

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable. If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width

Thickness

Height

Location:

K4.05

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

John Hill

Death Date: **8/10/1822** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width 18 Thickness 2 Height 34

Location: **K4.08**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Lydia Cook

Death Date: **4/9/1812** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 23.5 Thickness 2 Height 25

Location: **K4.11**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **n.a.**

Death Date: Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Missing**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fragmented Missing elements	Probe for missing elements Evaluate feasibility of conservation

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable. If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width 13.5 Thickness 1.5 Height

Location: **K4.13**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

David Atkins

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

**Excavate
Reset higher if possible**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around footstone and remove footstone from ground.
- Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width

Thickness

Height

Location:

K5.05

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Joshua Dyer

Death Date: 11/28/1822 Material: Slate Marker Type: Headstone

Condition of Inscription: Legible

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 19 Thickness 2 Height 36

Location: **L3.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Thomas Watkins

Death Date: **7/20/1824** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width 18 Thickness 1.5 Height 29

Location: **M3.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

S. W.

Death Date:

Material: **Slate**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

CONSERVATION STRATEGY

Tilted

Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

M3.02

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Olive Paine

Death Date: **9/5/1847** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width 23 Thickness 2 Height 49

Location:

M3.06

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Capt Lot Paine

Death Date: **5/11/1853** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset inground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
- When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
- if required, remove stone from ground.
- Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
- Backfill area around marker with tamped sand and gravel
- Re-grade disturbed areas with existing topsoil.

Comments:

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Width 23 Thickness 2 Height 48

Location: **M3.08**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Reuben Orcett**

Death Date: **9/16/1814** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 18.5 Thickness 3 Height 29

Location: **M4.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Peggey S. Dyer

Death Date: **4/5/1846** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width 21 Thickness 2 Height 48

Location: **M4.03**

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Peggey S. Dyer**

Death Date: Material: **Marble** Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY 3

1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width Thickness Height

Location: **M4.04**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Richard Collins

Death Date: 10/18/1849 Material: Marble Marker Type: Headstone

Condition of Inscription: Decipherable

EXISTING CONDITIONS	CONSERVATION STRATEGY
Fallen, overgrown	Reset Possible new base

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker; remove soiling by light brushing with nylon brushes and water. Inspect marker for soundness. If adequate below grade length is found for resetting (over 24"), ideally 30", reset marker plumb. If unsound material or less than 24" is found, new below grade cast concrete base will be required. Sized minimum of 12 inches deep, 12 inches greater in thickness and 6 inches wider than the stone. The finished top to be entirely below grade. Align the setting slot (1/2" wider and 1/2" thicker than the marker) with adjacent markers. If required, re-square the lower edge of marker for correct setting elevation. After min 3 day cure, remove the setting form and reset marker plumb and level into slot using a cement/lime grout (3/2/8) with 000 sand . Brace for minimum of 5 days. Backfill disturbed areas with tamped sand and gravel, and re-grade with existing topsoil.



Width n.a. Thickness

Height

Location:

N1.08

Comments:

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CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Moses Young

Death Date: **3/16/1822** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

Tilted

CONSERVATION STRATEGY

Reset in ground

CONSERVATION PRIORITY

3

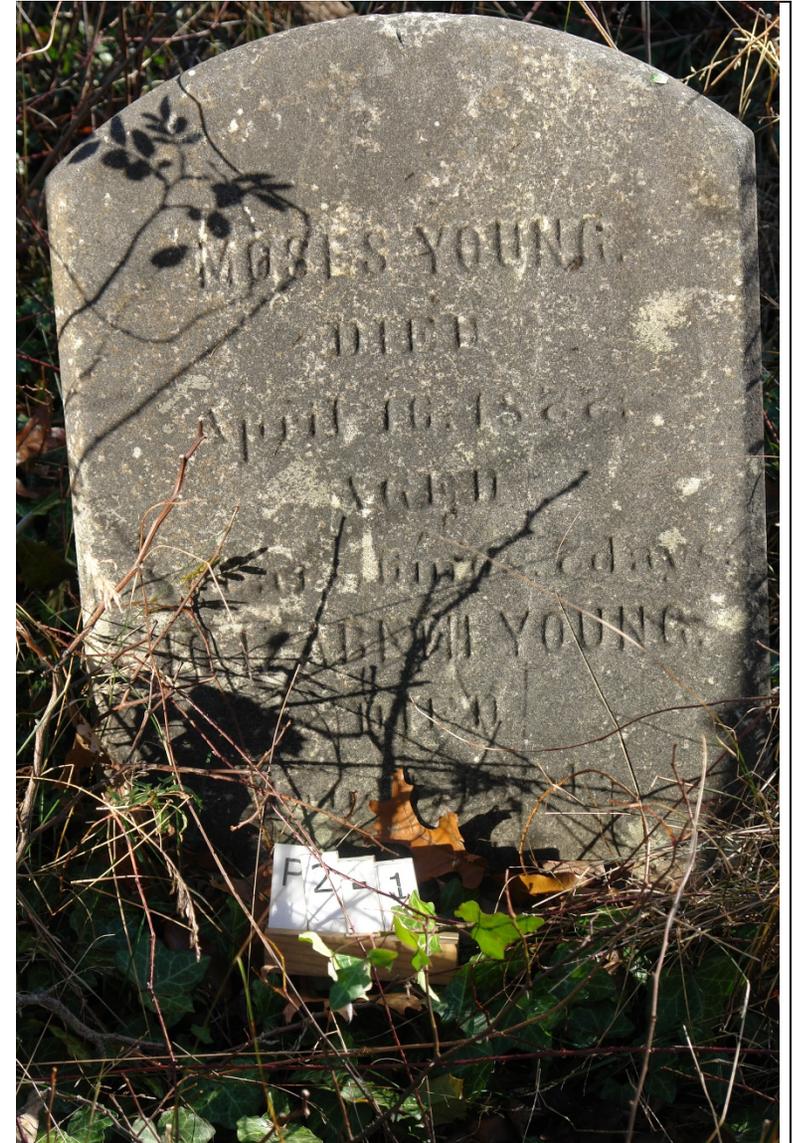
1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness.
2. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth.
3. if required, remove stone from ground.
4. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers
5. Backfill area around marker with tamped sand and gravel
6. Re-grade disturbed areas with existing topsoil.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 18 Thickness 5 Height 25

Location: **P2.01**

CONDITION ASSESSMENT Inspection Date: 11/22/2011 By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Betsey A. Rich**

Death Date: Material: **Slate** Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Tilted	Reset in ground

CONSERVATION PRIORITY 3

1) Hazardous, immediate action 2) Unstable- asap
 3) Ongoing deterioration, treat 2-5 years 4) Stable
 A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT
<ol style="list-style-type: none"> Carefully excavate marker. Large, extremely tilted markers can be hazardous. Inspect marker for soundness. When necessary, brace marker with wood and slowly remove soil around stone to an appropriate depth. if required, remove stone from ground. Excavate setting area to sufficient depth and re-set stone plumb at appropriate height and level onto gravel bed, and align with adjacent markers Backfill area around marker with tamped sand and gravel Re-grade disturbed areas with existing topsoil.

Comments:

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Width Thickness Height

Location: **P3.07**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Thomas R. Small

Death Date:

Material: **Marble**

Marker Type: **Footstone**

Condition of Inscription: **Legible**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

**Excavate
Reset higher if possible**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

1. Carefully excavate area around footstone and remove footstone from ground.
2. Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
3. Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

P3.17

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Ruth S. Roberts

Death Date: **8/7/1850** Material: **Marble** Marker Type: **Headstone**

Condition of Inscription: **Legible/ Missing**

EXISTING CONDITIONS

**Fractured
Out of base**

CONSERVATION STRATEGY

**Probe for fragments
Evaluate restoration
Reset to exist base**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found into existing base.

1. Remove debris from setting slot.
2. Inspect marker for soundness. When required, re-square the lower setting edge with power grinder with minimal loss.
3. Reset marker plumb and level into setting slot with cement/lime grout (3/2/8) with 000 sand made fluid with a super plasticizer.
4. Remove excess grout and clean joint area.
5. Brace marker for a minimum 5 days

Comments:

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Width 19 Thickness 2 Height

Location: **P4.01**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

George N. Roberts

Death Date: 9/13/1850 Material: Marble Marker Type: Headstone

Condition of Inscription: Legible

EXISTING CONDITIONS

Sunken
Fragmented

CONSERVATION STRATEGY

Excavate and reset higher
Probe area for missing fragments

CONSERVATION PRIORITY

3

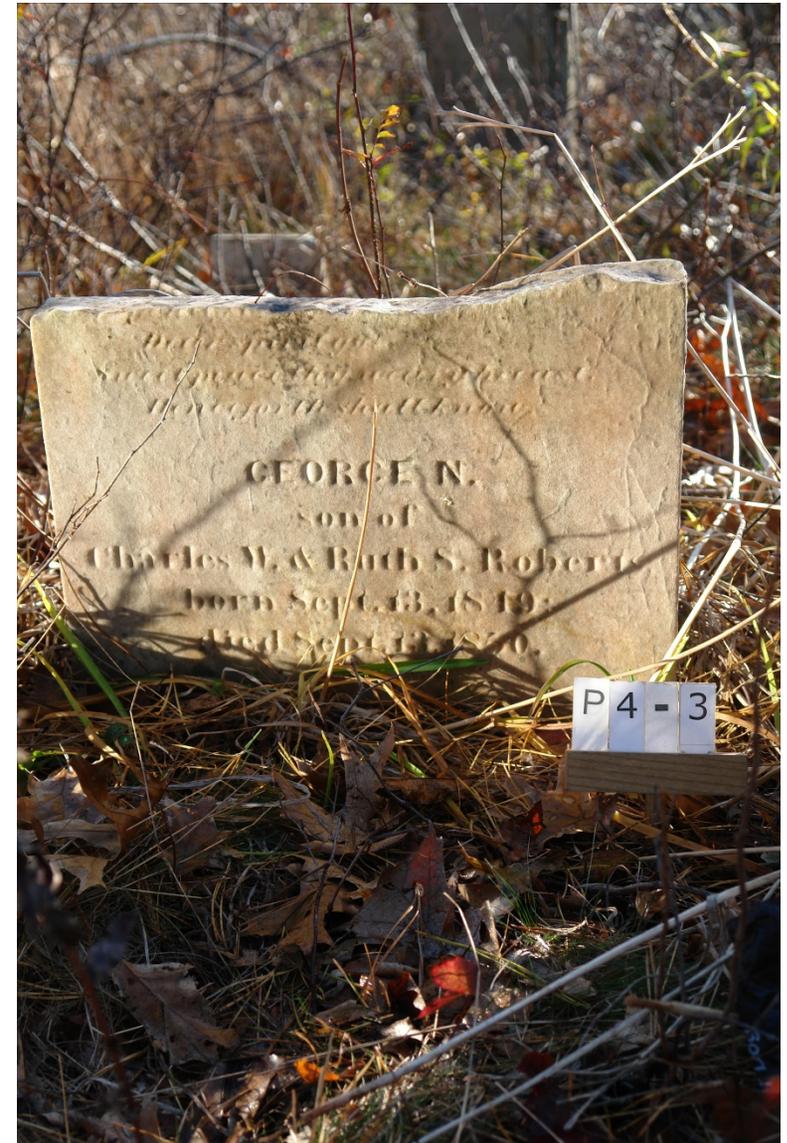
1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate marker and probe nearby area for fragments.
- Brush clean and inspect pieces for soundness and extreme sugaring.
- Evaluate if marker is restorable. If not, reset as found.
- If restorable, determine if there is enough material to reset marker higher. If not, a new below grade base may be required for re-setting at the proper elevation.
- If fragments are found, clean mating surfaces and remove any failed adhesives or mortar
- Attach fragments with structural adhesive, brace and clamp until cured.
- Fill cracks and losses with RepliCal and Jahn products.

Comments:

All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto. © MONUMENT CONSERVATION COLLABORATIVE LLC



Width 19 Thickness 2 Height 14

Location: **P4.03**

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Seth Smith

Death Date:

Material: **Marble**

Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS

Sunken

CONSERVATION STRATEGY

**Excavate
Reset higher if possible**

CONSERVATION PRIORITY

3

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around footstone and remove footstone from ground.
- Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

P4.05

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER

Ruth Smith (?)

Death Date: **8/29/1829** Material: **Slate** Marker Type: **Headstone**

Condition of Inscription: **Missing**

EXISTING CONDITIONS

**Fragmented
Missing elements**

CONSERVATION STRATEGY

**Probe for missing elements
Evaluate feasibility of conserva-
tion**

CONSERVATION PRIORITY

2

1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

Probe area for additional fragments. Evaluate if marker is restorable.
If not, reset as found.

If fragments are discovered:

1. Clean mating surfaces and remove any failed adhesives or mortar
2. Attach fragments with structural adhesive, brace and clamp until cured.
3. Fill cracks and losses with RepliCal and Jahn products.
4. Mist filled areas with water and cover for 3 days minimum
5. Treat filled surface areas with light acid wash and rinse thoroughly

Comments:

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Width

Thickness

Height

Location:

P4.06

CONDITION ASSESSMENT

Inspection Date: 11/22/2011

By: IS & MJ

MONUMENT CONSERVATION COLLABORATIVE LLC
PO Box 541, Norfolk, CT 06058 860 307 6695 MCCLLC@gmail.com

Cemetery: Winthrop St Cemetery, Provincetown, MA

NAME ON MARKER **Eleazer Young Jr.**

Death Date: Material: **Slate** Marker Type: **Footstone**

Condition of Inscription: **Decipherable**

EXISTING CONDITIONS	CONSERVATION STRATEGY
Sunken	Excavate Reset higher if possible

CONSERVATION PRIORITY

3

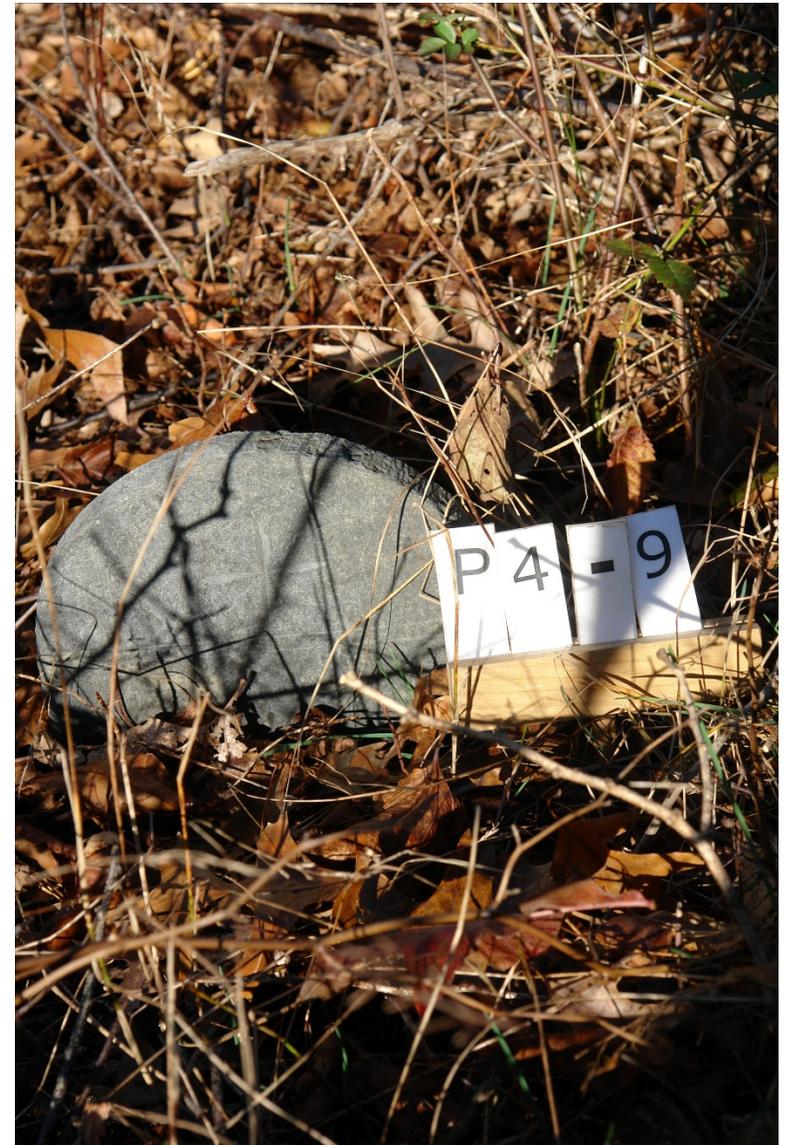
1) Hazardous, immediate action 2) Unstable- asap
3) Ongoing deterioration, treat 2-5 years 4) Stable
A) Artistic H) Historical P) Visually prominent M) Monitor

RECOMMENDED TREATMENT

- Carefully excavate area around footstone and remove footstone from ground.
- Create a setting bed with gravel and crushed stone, and reset footstone at appropriate height.
- Backfill disturbed areas with tamped sand and gravel, and re-grade disturbed areas with existing topsoil.

Comments:

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Width

Thickness

Height

Location:

P4.09