

GREENLAWN CEMETERY



N A H A N T , M A S S A C H U S E T T S



Initial Siteplan

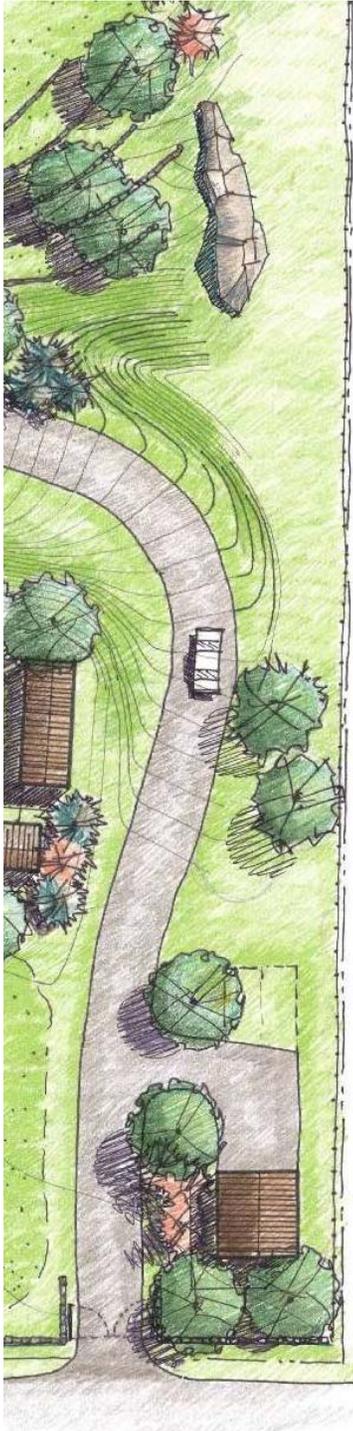
- Hancock Associates November 2006

Design Process

- Schematic Design
 - Scheme A and B
 - Final Scheme
- Cemetery Visits
 - Mount Auburn - Cambridge
 - Highland Meadow – Belmont
- Design Development
 - Project Team
 - Memorializing
 - Plot Layout Plan
 - Caretaker's Building Design

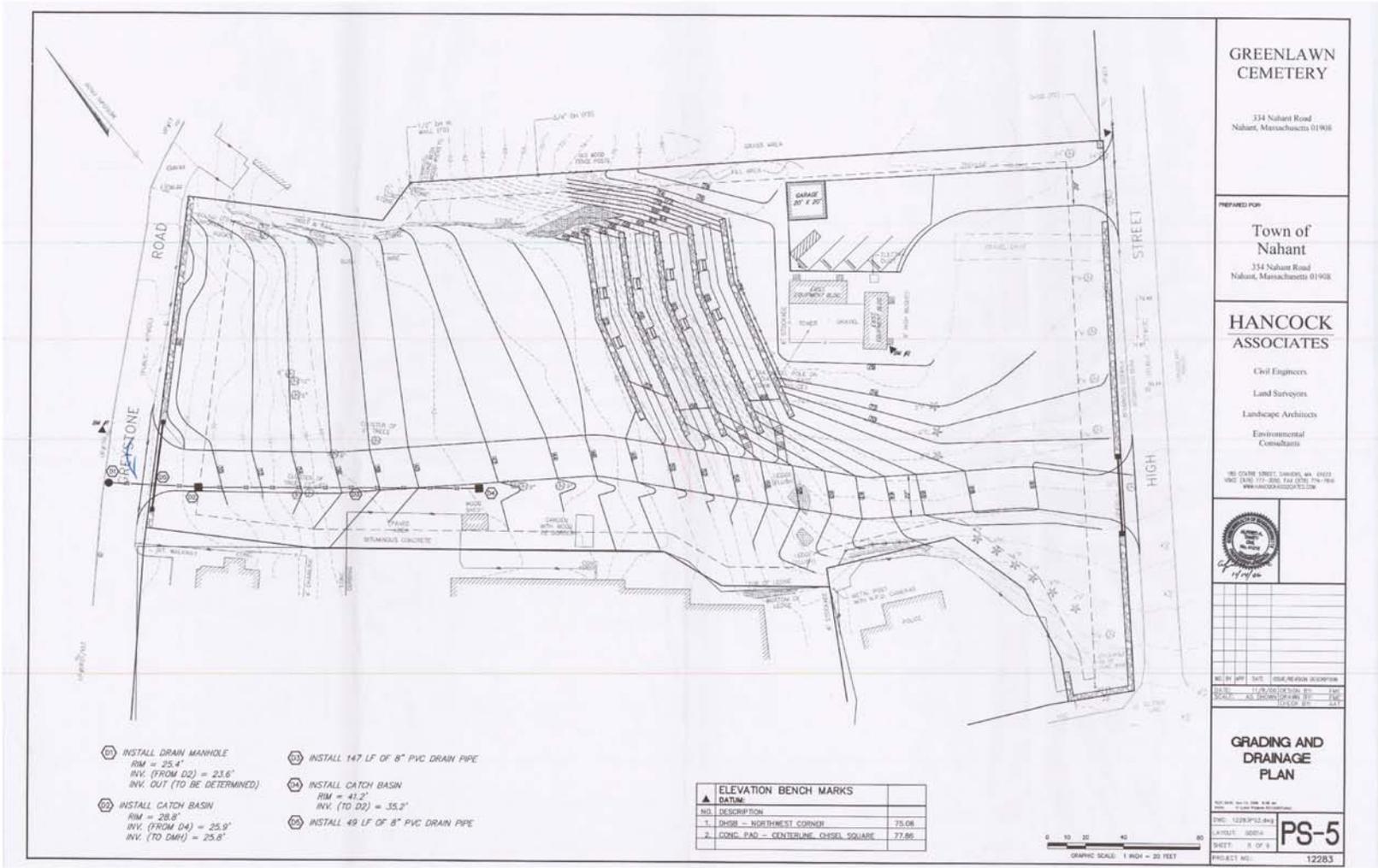
Next Steps

Project Schedule



Hancock Plan

Completed November 2006



GREENLAWN CEMETERY

334 Nahant Road
Nahant, Massachusetts 01908

PREPARED FOR
Town of Nahant
334 Nahant Road
Nahant, Massachusetts 01908

HANCOCK ASSOCIATES

Civil Engineers
Land Surveyors
Landscape Architects
Environmental Consultants

185 COTWELL STREET, SUDBURY, MA 01872
978-249-1777 FAX 978-249-1766
WWW.HANCOCKASSOCIATES.COM



GRADING AND DRAINAGE PLAN

NO. 12283
DATE: 12/29/12
SHEET: 5 OF 8
PROJECT NO.: 12283

- ① INSTALL DRAIN MANHOLE
RIM = 25.4'
INV. (FROM D2) = 23.6'
INV. OUT (TO BE DETERMINED)
- ② INSTALL 147 LF OF 8" PVC DRAIN PIPE
- ③ INSTALL CATCH BASIN
RIM = 41.2'
INV. (TO D2) = 35.2'
- ④ INSTALL CATCH BASIN
RIM = 28.8'
INV. (FROM D4) = 25.3'
INV. (TO DMH) = 25.8'
- ⑤ INSTALL 49 LF OF 8" PVC DRAIN PIPE

ELEVATION BENCH MARKS		
NO.	DESCRIPTION	ELEVATION
1	DMSB - NORTHWEST CORNER	75.06
2	LONG PAD - CENTERLINE, CHESEL SQUARE	77.89



Design Process

Schematic Design





Scheme A



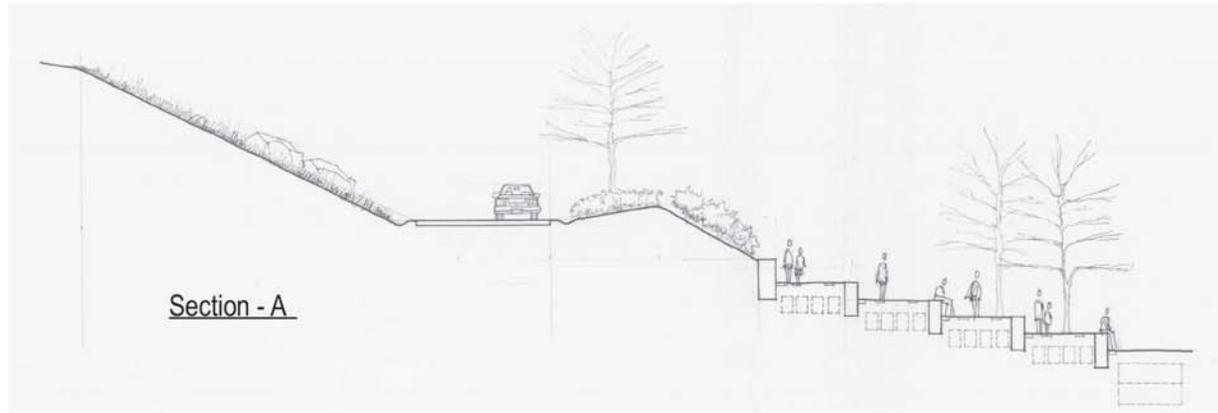
Scheme B



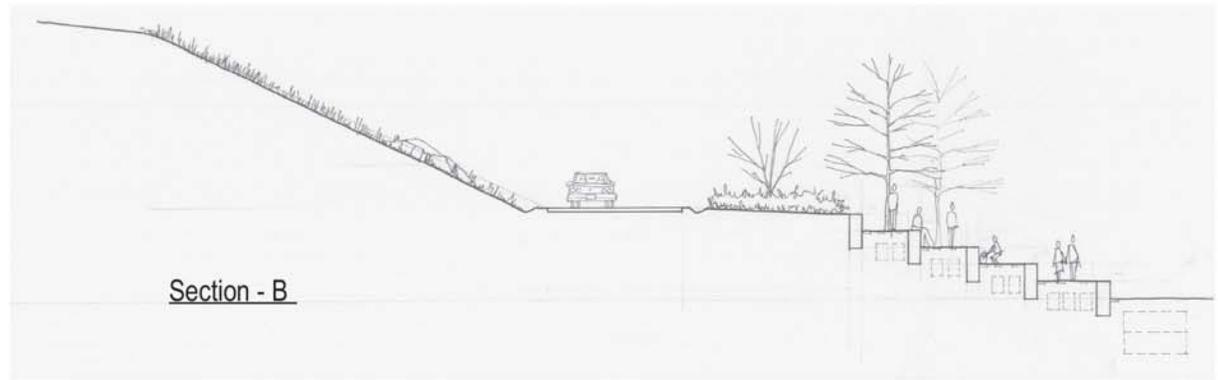
Greenlawn Cemetery - Nahant, MA

Siteplan

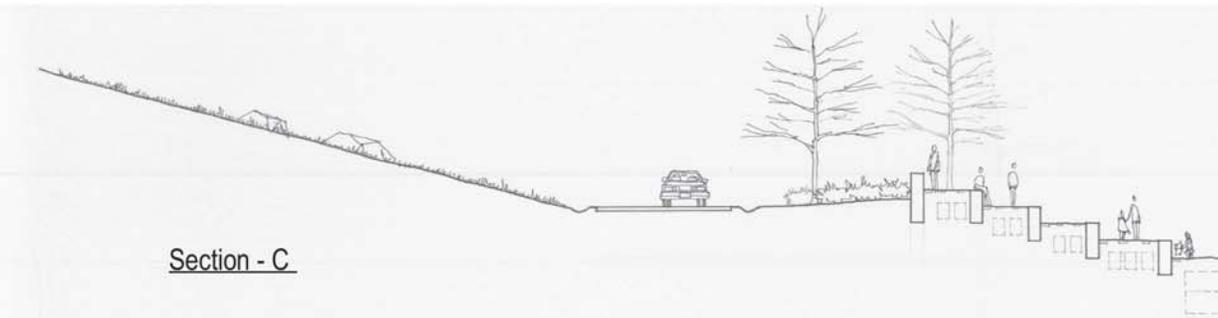
HALVORSON DESIGN
PARTNERSHIP



Section - A



Section - B



Section - C

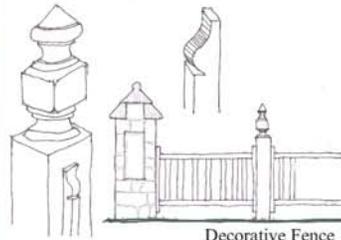




Building Concepts



Stone Pier



Decorative Fence



Wood Post



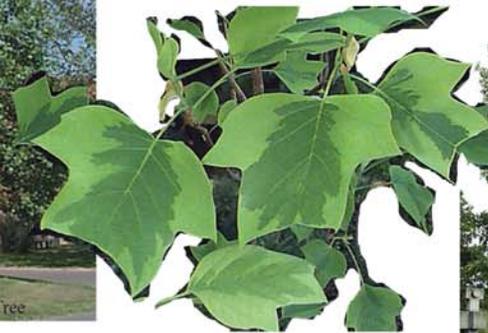
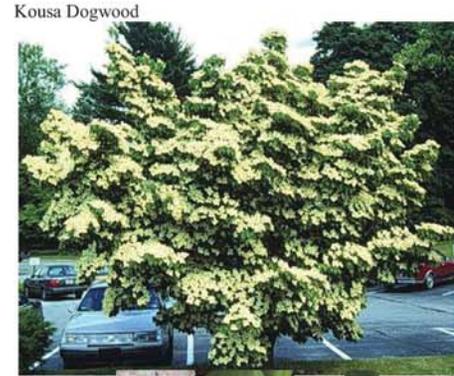
Memorial Terrace



Stone Walls/ Stone Benches



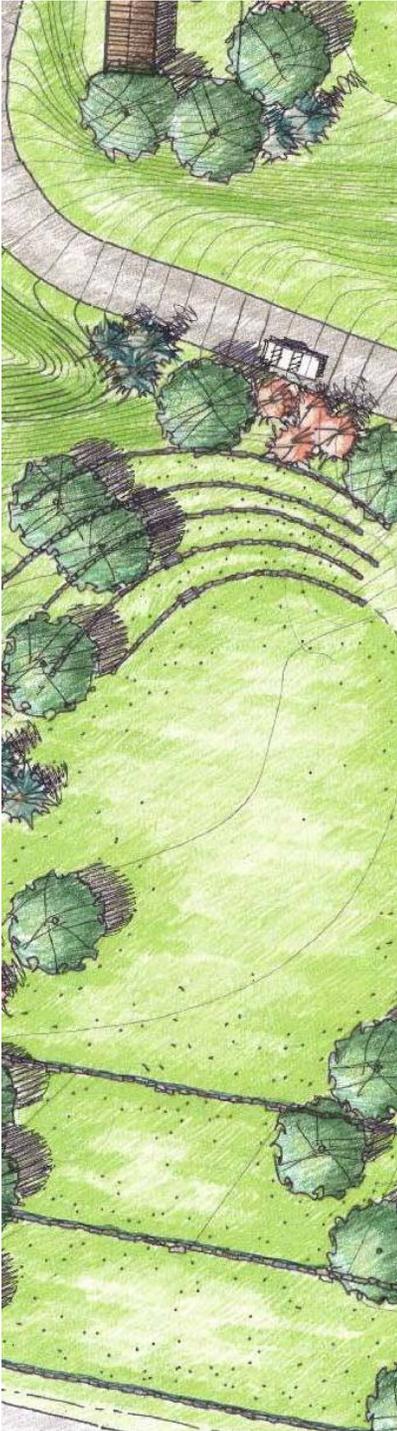
Free Standing Bench



Greenlawn Cemetery - Nahant, MA

Plant Palette

HALVORSON DESIGN
PARTNERSHIP



Cemetery Visits

Mount Auburn Cemetery
Highland Meadow



Highland Meadow Cemetery
Belmont, MA



Mount Auburn Cemetery
Cambridge, MA



Greenlawn Cemetery - Nahant, MA

Greenlawn Committee Information Gathering Cemetery Visits

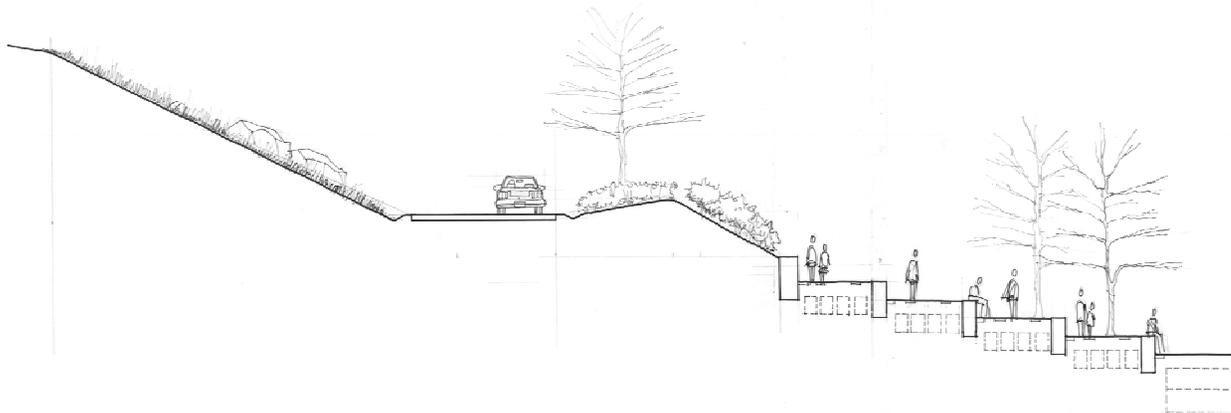
HALVORSON DESIGN
PARTNERSHIP

Design Development



Project Design Team

- Halvorson Design Partnership, Inc.
 - Landscape Architect
- Menders, Torrey & Spencer, Inc.
 - Caretaker's Building Architect
- Mistry Associates, Inc.
 - Site Structural Engineer, Civil Engineer
- Pine and Swallow Associates
 - Soils Scientists





Halvorson Design Partnership

Memorializing and Plot Layout



Memorial Sculpture

- Determine:
- Height restrictions
 - Footprint sizes
 - Material parameters



Use of Walls for Memorializing

- Determine
- Text size limits
 - Text parameters



Cremation Markers

- Determine
- Size limits
 - Material parameters



Benches



Plants

Memorial Elements - plants, benches, etc.

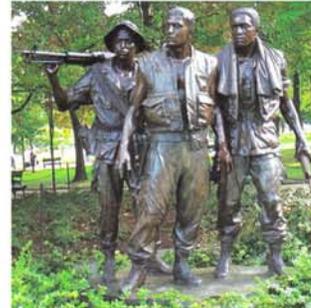
- Determine
- Acceptable elements
 - Develop master plan of elements and locations



Flush Memorial



Upright Memorial



Sculptural Memorial

Veterans' Memorial

- Determine
- General parameters for designer to follow
 - Location



Shared Flush Marker



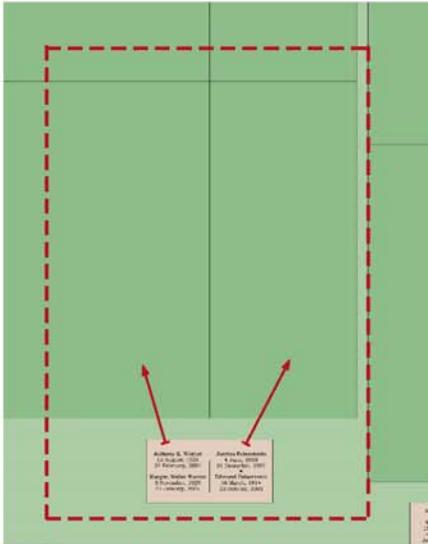
Single Flush Marker



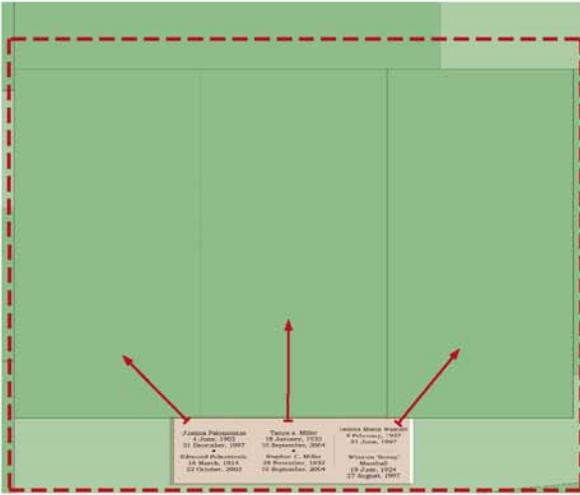
Upright Marker

Markers

- Determine
- Size limits
 - Material
 - Shared
 - Flush or upright



Flush Marker for Two Plots
Four Names Per Marker



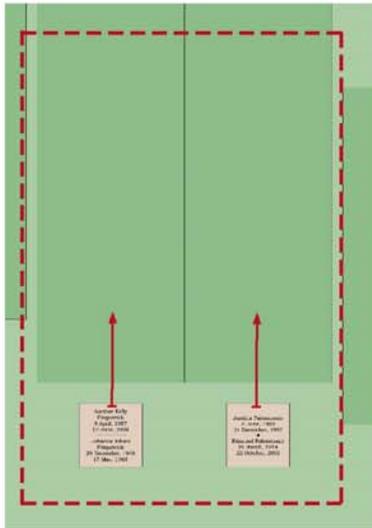
Flush Marker for Three Plots
Six Names Per Marker



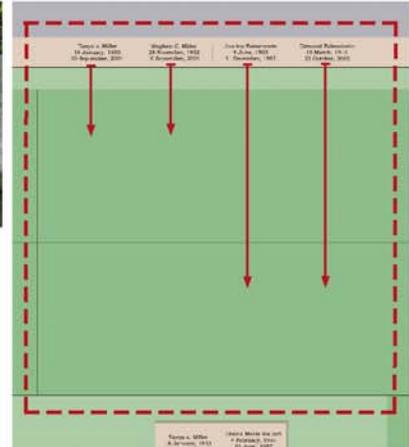
Flush Marker for One Plot



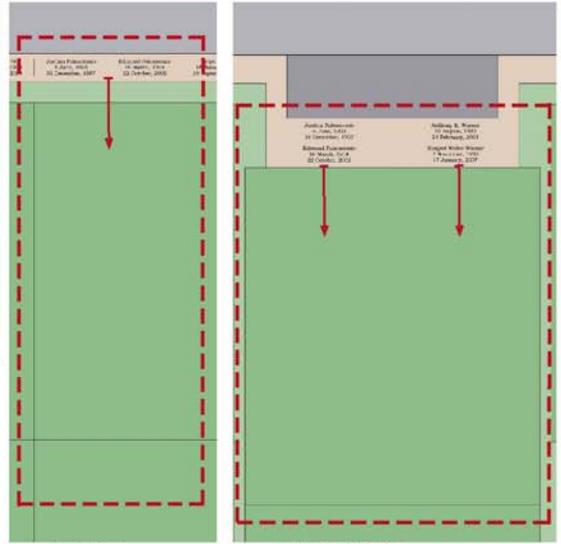
Ledger Marker



Flush Marker for One Plot
Two Names Per Marker



Wall Base - Parallel to wall



Wall Base - Perpendicular to Wall

Memorial Bench

Ledger Marker
One Row of Names at Wall Base
Two Rows of Names at Memorial Bench



Traditional Monument for Family Plot

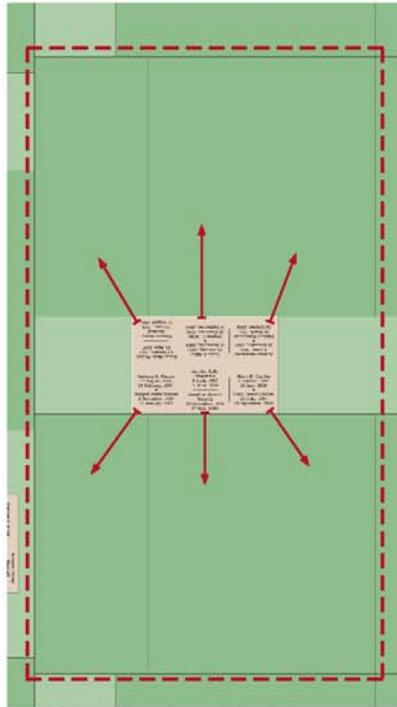


Contemporary Monument for Family Plot

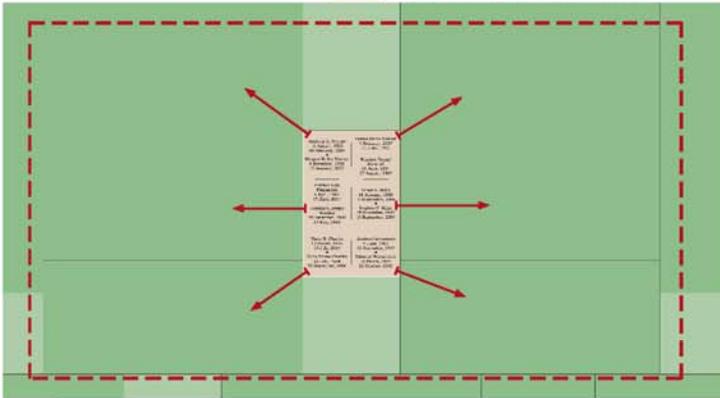
Marker for Family Plots
For Four or Six Plot Markers



Flush Marker for Six Plots



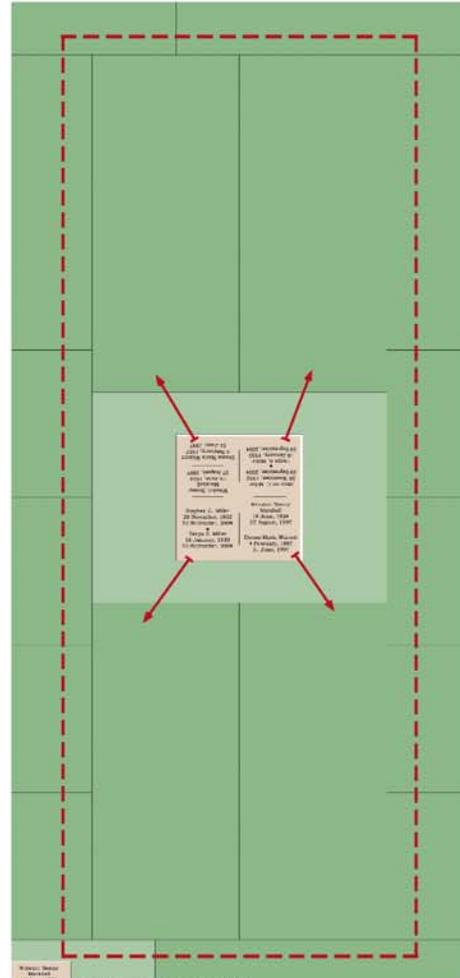
Horizontal Text for Marker for Six Plots



Vertical Text for Marker for Six Plots

Marker for Six Plots

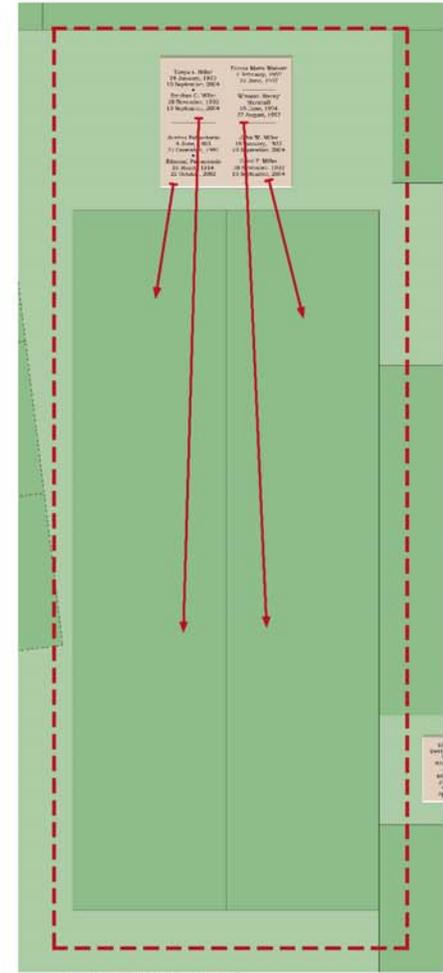
Twelve Names Per Marker



Central Marker for Four Plots

Flush Marker for Four Plots

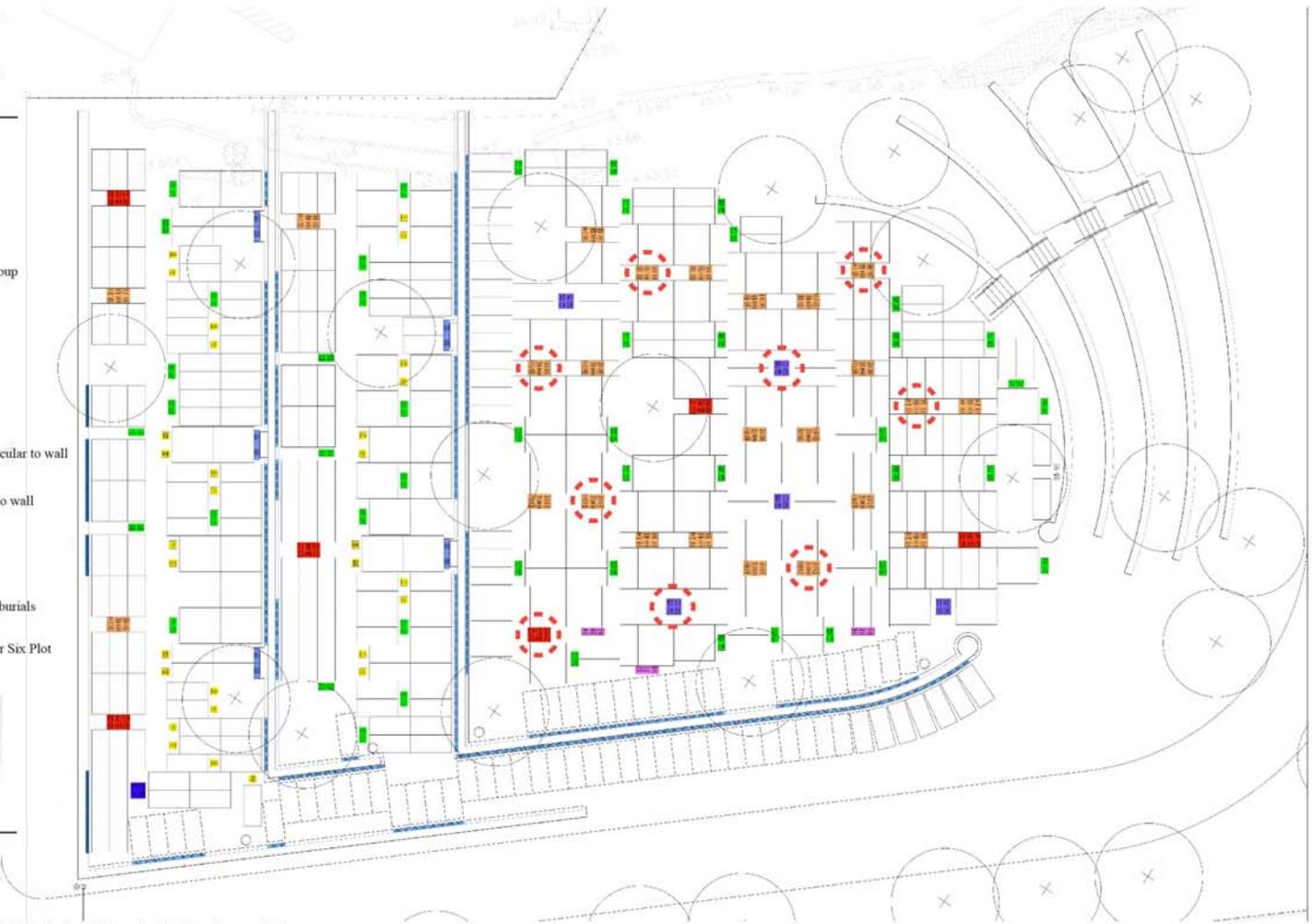
Eight Names Per Marker



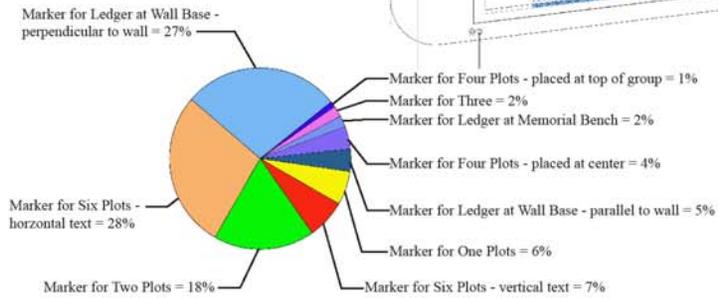
Outer Marker for Four Plots

Legend for Marker Type

- Marker for Six Plots - vertical text
6 stones = 36 plots
- Marker for Six Plots - horizontal text
24 stones = 144 plots
- Marker for Four Plots - placed at center
5 stones = 20 plots
- Marker for Four Plots - placed at top of group
1 stones = 4 plots
- Marker for Two Plots
48 stones = 96 plots
- Marker for One Plots
30 stones = 30 plots
- Marker for Three
3 stones = 9 plots
- Marker for Ledger at Wall Base - perpendicular to wall
136 plots
- Marker for Ledger at Wall Base - parallel to wall
26 plots
- Marker for Ledger at Memorial Bench
10 plots
- Total Double Depth Lawn Crypt Plots - 511 = 1,022 burials
- Marker for Family Plot - Non-flush Four or Six Plot Markers



Disstribution of Marker Types By Percentage



Greenlawn Cemetery - Nahant, MA

Standards for Greenlawn - Plot Layout Plan for Lower Grounds



Flush Marker for One Plot



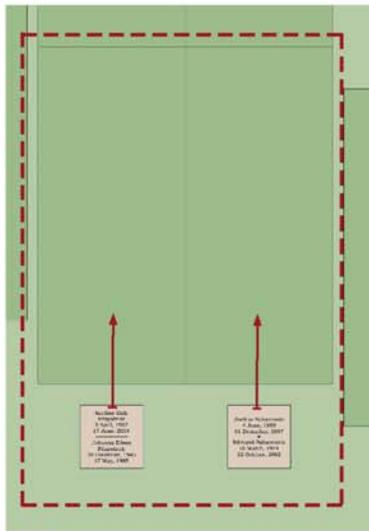
Ledger Marker



Contemporary Monument for Family Plot



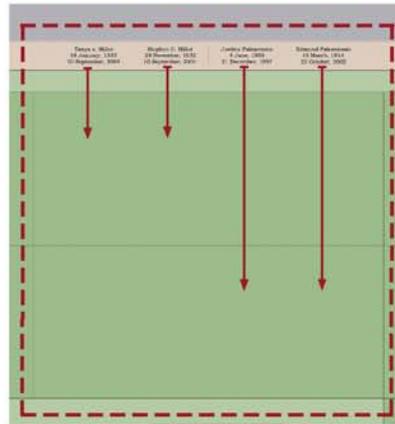
Traditional Monument for Family Plot



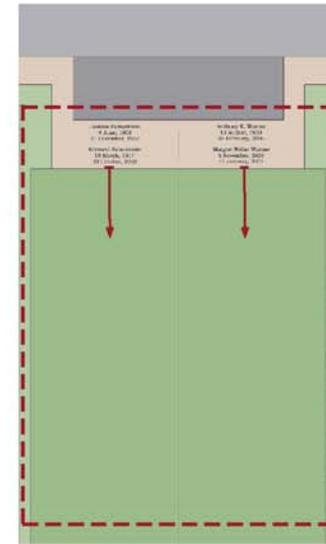
Flush Marker for One Plot
Two Names Per Marker



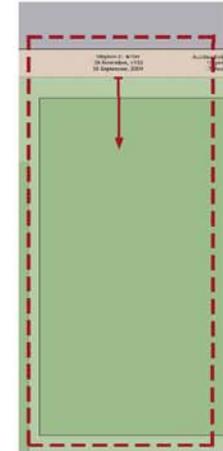
Wall Base - Double Depth
Perpendicular to Wall



Wall Base - Double Depth
Parallel to wall



Memorial Bench - Double Depth



Wall Base - Single Depth
Perpendicular to Wall

Legend for Marker Type

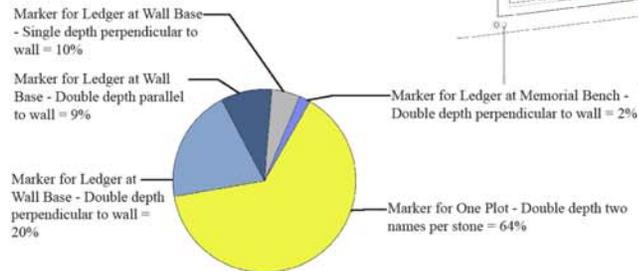
- Marker for One Plot - Double depth two names per stone - 311 plots
- Marker for Ledger at Wall Base - Double depth perpendicular to wall - 106 plots
- Marker for Ledger at Wall Base - Double depth parallel to wall - 44 plots
- Marker for Ledger at Memorial Bench - Double depth perpendicular to wall - 10 plots
- Marker for Ledger at Wall Base - Single depth perpendicular to wall - 24 plots

Total Double Depth Lawn Crypt Plots - 461 = 922 interments
 Total Single Depth Lawn Crypt Plots - 24 = 24 interments
 Total = 946 interments
 (previous study = 1,022 interments)

Location of Vertical Marker - Non-flush monument

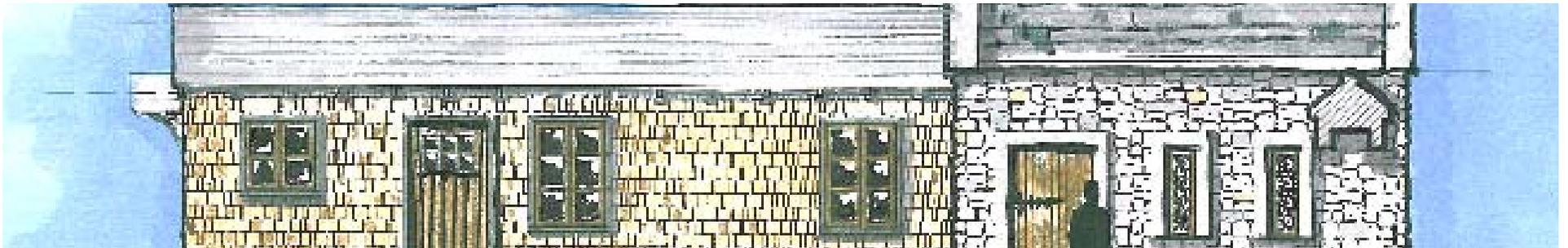


Disstibution of Marker Types By Percentage



Menders, Torrey & Spencer

Caretaker's Building





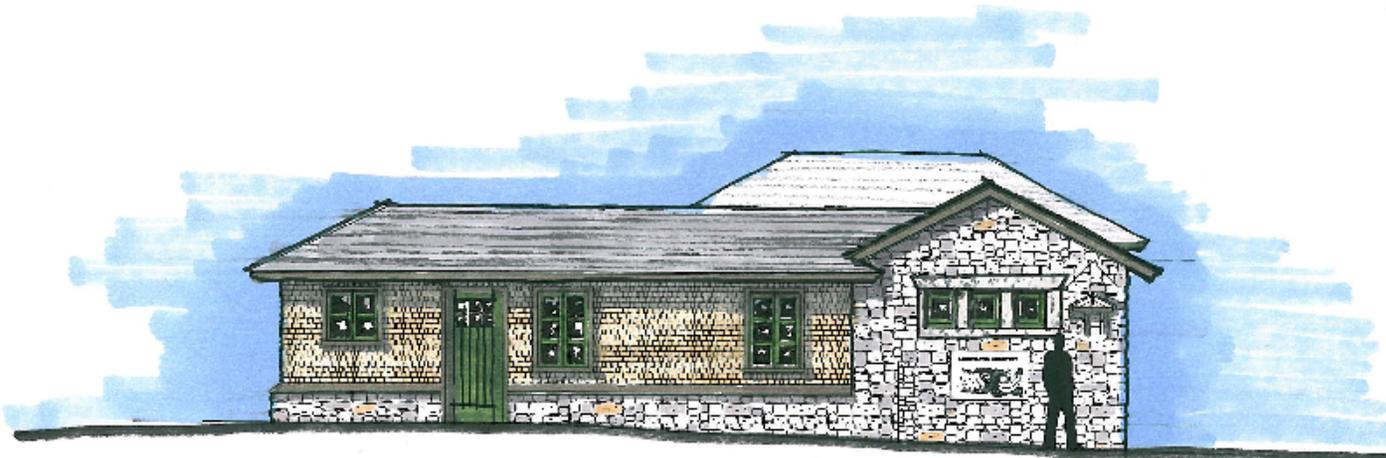
**GREENLAWN
CEMETERY'S
GARETAKER'S
BUILDING**

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Fax: 802.249.1112
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1 EAST ELEVATION OPTION 2
KAPL/DMT



2 SOUTH ELEVATION OPTION 2
KAPL/DMT

REVISIONS

No.	Description	Date

**PLAN
OPTION TWO**

DRAWING NO.	
Scale	Sheet No.
	A-103



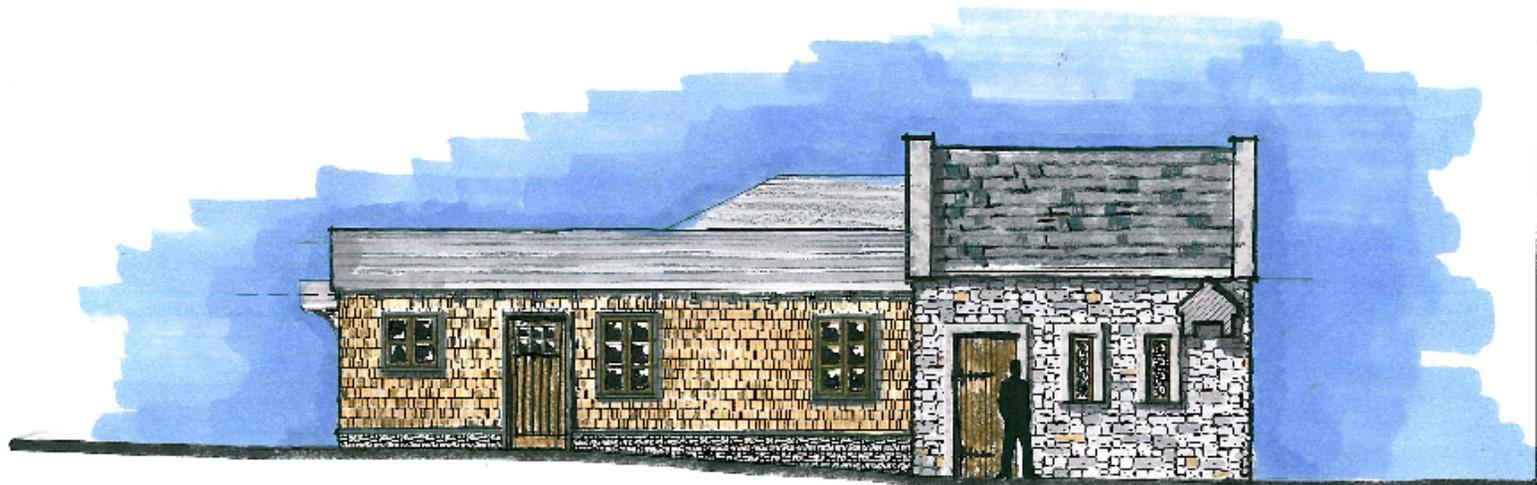
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CEMETERY
CARETAKER'S
BUILDING**

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ARCHITECTURAL, INTERIOR
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① EAST ELEVATION OPTION 2
1001-0102



② SOUTH ELEVATION OPTION 2
1001-0103

Revisions

No.	Date	By

**PLAN
OPTION TWO**

Drawn: David B.
Checked: _____
Title: **A-104**

Next Steps

- Complete Design Development
- Commence Construction Documents
- Town Meeting
- Bidding
- Construction

Schedule

- January 31 - Complete Design Development
- April 15 – Construction Documents 50%
- June 15 – Construction Documents 100%
- Winter 2008/ Spring 2009 – Begin Construction

