

A Riverside Memorial Cemetery
 Lot Sales, Burial and Price Data

Fiscal Year	Lots Sold	Cremain Lots	Interments	Lot Price History		
FY 1979	36		21			
FY 1980	37		19			
FY 1981	43		15			
FY 1982	40		22			
FY 1983	68		26			
FY 1984	57		22			
FY 1985	46		26			
FY 1986	63		24			
FY 1987	93		34			
FY 1988	110		36			
FY 1989	87		21	1949	\$ 50.00	
FY 1990	29		28	1969	\$ 75.00	
FY 1991	53		24	1974	\$ 100.00	
FY 1992	38		24	1975	\$ 125.00	
FY 1993	66		42	1979	\$ 150.00	
FY 1994	57		26	1984	\$ 200.00	
FY 1995	49		32	1987	\$ 300.00	
FY 1996	91		31		\$ 150.00	cremain lot
FY 1997	81		44	1998	\$ 400.00	
FY 1998	90		53		\$ 200.00	cremain lot
FY 1999	92		33	1999	\$ 500.00	
FY 2000	123		46		\$ 200.00	cremain lot
FY 2001	46		35			
FY 2002	62		28			
FY 2003	41	13	44			
FY 2004	44	5	40	2004	\$600.00	
FY 2005	59	18	41		\$275.00	cremain lot
FY 2006	54	12	55			
FY 2007	24	6	49			
FY 2008	38	6	29	2008	\$650.00	
FY 2009	37	23	58		\$300.00	cremain lot
FY 2010	48	14	53			
Summary: Sales and Burial Data						
	Decade	Total # Lots Sold		Total # Burials		
	1980s	644		245		
	1990s	646		337		
	2000s	611		425		
	Total	1901		1007		

B

**Local Municipal Cemetery Pricing Comparison
2011**

Cemetery Name & Location	Cost per Single Plot		Cremation Lot		Residency Requirement?	Town-provided excavation?	Open full-size grave				Open Cremation plot				
	Resident	Non-Resident	Resident	Non-resident			Weekday -R	Weekday - NR	Weekend - R	Weekend - NR	Weekday -R	Weekday - NR	Weekend - R	Weekend -NR	
Scarborough, Maine 2 Municipal Cemeteries	\$400.00	\$400.00	\$220.00	\$220.00	No	Yes	\$400.00	\$400.00	\$500.00	\$500.00	\$110.00	\$110.00	\$150.00	\$150.00	
Biddeford, Maine Woodlawn Cemetery	\$500.00	\$1,000.00	\$250.00		No	Yes	\$400.00	\$900.00	\$500.00	\$1,000.00	\$250.00	\$625.00	\$350.00	\$700.00	
Cumberland, Maine 6 Municipal Cemeteries	\$450.00	\$450.00		\$450.00	No	Y, Chris Stilkey	\$600.00	\$600.00	fees apply	fees apply	\$150.00 or with service it's \$250.00	\$150.00	fees apply	fees apply	
Gorham, Maine Many cemeteries, privately managed.						Yes	\$550.00	\$550.00	\$625.00	\$625.00	\$250.00	\$250.00	\$325.00	\$325.00	
Sanford, Maine Oak-Dale Cemetery	\$700.00	\$700.00	\$500.00	\$500.00	No	Yes	\$800.00	\$800.00	\$1,100.00 WE service must be before 12	\$1,100.00	\$400.00	\$400.00	\$700.00 WE service must be before 12	\$700.00	
Windham, Maine 26 Town-maintained Cemeteries	\$200.00	\$350.00	\$100.00	\$175.00	No	No									
Portland, Maine Evergreen Cemetery	\$890.00	\$1,070.00	\$475.00	\$570.00	No	Yes	\$790.00	\$950.00	\$945.00	\$1,135.00	\$420.00	\$505.00	\$570.00	\$670.00	
Westbrook, Maine Woodlawn Cemetery	\$600.00	\$750.00			No	Yes	\$630 - \$730 Adults	\$530 - \$630 Children	\$350-\$390 Infant						
							Saturday rates:								
							\$790 Adult	\$690 Child	\$430 Infant						

Summary Information:

Full Size Plot	Neighboring Communities	Cape Elizabeth	Proposed New Rates
-Resident	\$200.00 to \$890.00	\$650.00	
-Non resident	\$350.00 to \$1,070.00		
Cremation Plot			
-Resident	\$100.00 to \$500.00	\$300.00	
-Non resident	\$175.00 to \$570.00		
Burial Costs - Full Size			
-Resident	\$400.00 to \$1100.00	\$600.00 (+ \$150 for weekend)	
-Non resident	\$400.00 to \$1135.00		
Burial Costs - Cremation			
-Resident	\$110.00 to \$700.00	\$425 (+ \$150 for weekend)	
-Non resident	\$110.00 to \$700.00		



BOOKMARK

Subscribe

The Best Columbarium Niche Size

February 2011

When you purchase a columbarium, it needs to fit your requirements. With a columbarium niche, the primary requirement is usually to accommodate the remains of one or, more commonly, two adults. There is also sometimes a derived requirement to conserve space.

A common size for a columbarium niche is 8x8x12 inch. This niche has the advantage of being compact. However, relative to its purpose of holding urns, it is less functional than larger niches. It will fit very few commercially available urns and even fewer for double inurnment.

A memorial garden can accept the limitation on urns or even require the use of a specific urn. It is important to communicate either approach to potential niche buyers. Some families may prefer a choice of urns. The memorial garden also will have the responsibility of ensuring availability of viable urns.

Toward the other end of the columbarium niche size spectrum, a 12x12x16 inch niche will accommodate the majority of commercially available urns. Based on Architarium's survey of metal and stone urns, an urn's height is the dimension that most impacts niche fit. The average height for a rectangular urn is between 7.5 and 8 inches. Round urns tend to be even taller, with an average height of 10.5 inches.

Of course, the 12x12x16 inch niche requires more space in all directions. A larger niche also requires more construction infrastructure. Although the relative increase in construction cost won't be significant, it still exists. To its credit, this niche allows more text and larger text for visibility, given its larger face plate.

When deciding on columbarium niche size, it is useful to understand cremain volume. A rule of thumb is that 1 pound of human mass equates to 1 cubic inch of remains (actually a little less). The majority of adult urns accept a volume in the vicinity of 220 cubic inches. However, it is possible that an individual be larger and require larger urn.

It is also useful to know a little about urns. Urns are made of different materials and shapes. Some materials are thicker, requiring more space. For example, given a stone urn and a metal urn with the same capacity, the stone urn will require more space. Some shapes make more efficient use of space than others. For example, rectangular urns are very efficient in this regard. However, round urn styles easily outnumber rectangular urn styles.

Architarium has full production capability and can manufacture whatever columbarium niche size you require, including 8x8x12 inch and 12x12x16 inch. You can even use a mix of niche sizes in your design for maximum flexibility.

Instead of trying to determine the columbarium industry's niche standard or even a columbarium manufacturer's columbarium standard, select the columbarium niche size that fits your needs.

Niche Sizes and Costs

City of Edmonton Cemetery – Outdoor Columbarium Niches

Beechmount Cemetery

The Good Sheppard

Niches for 2

Colour: Grey Granite

Memorial Style: Bronze 11X11

Interior Dimensions: 9.5X9.5X12D

The Good Sheppard 2

Niches for 2

Colour: Grey Granite

Memorial Style; Bronze 12X12

Interior Dimensions: 12X12X12.5D

The Westwood

Upright Style Columbarium

Niches for 1 or 2

Colour: Rose Granite

Memorial Style: Bronze Wreath

Interior Dimensions: 12X12X15D

Centre Dome

Dome Style Columbarium

Niches for 1 to 4

Colour: Rose Granite

Memorial Style: Bronze 10X16

Interior Dimensions: 11.5X20F-7RX20D

Prices

Cost	Units	Availability
\$3,082.07	The Good Sheppard	Available
\$3,154.25	The Good Sheppard 2	Available
\$3,736.19	The Good Sheppard 3	Available
\$4,388.19	The Centre Dome	Available

Niche packages include:

- Niche unit
- Interments (open and close) based on 2 urns
- Memorialization based on 2 names

Municipal Cemetery, Anchorage Alaska

Q. Are there niches of different size?

A. There are three sizes of niches and they are designed to hold urns as follows:

(1) There is the Single niche that will hold only one urn with a size equal to or less than 7 inches by 7 inches by 11 inches. (Only on the north side of the Wall)

(2) There is the Companion niche that will hold up to three urns with a combined size of less than 11 inches by 11 inches by 11 inches. (Only on the south side of the Wall)

(3) There is the Family niche that will hold up to eight urns with a combined size of less than 11 inches by 11 inches by 23 inches. (Only on the south side of the Wall)

Q. What do the niches cost and what is included in the cost of the niches?

A. The cost of the niche is all-inclusive. In other words, when you pay for the niche, you receive the use of the niche, the niche plaque, appropriate engraving, a vase on the Companion and Family niches, one opening and closing, perpetual care and continued maintenance. The cost is as follows:

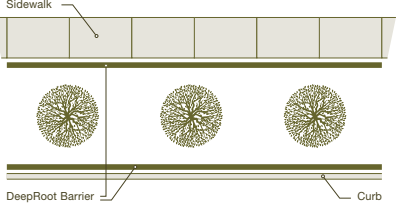
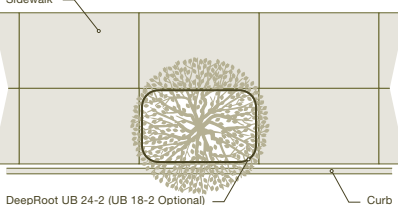
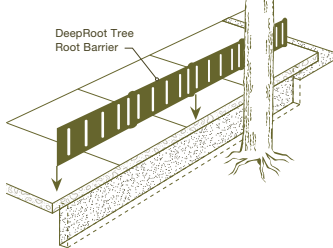
- (1.) Single niche \$875.00
- (2.) Companion niche \$1750.00
- (3.) Family niche \$2916.00

D Root Barrier Product Information

Tree Root Guides

Patented mechanical barriers effectively manage root expansion and protect surrounding hardscapes without compromising tree health or growth, and can be used both on new plantings and on existing trees.

Tree Root Guide	SPECIFICATIONS + FEATURES	
	<p>APPLICATIONS Redirect tree roots down and away from hardscapes.</p> <p>MATERIALS LB 12-2, UB 18-2, and UB 24-2: High-quality 50% post-consumer recycled injection molded co-polymer polypropylene. Manufactured in ISO 9002 certified factories.</p> <p>UB 36-2 and UB 48-2: High-quality homopolymer extruded polyethylene.</p> <p>SIZES LB 12-2: 12" (30 cm) x 24" (61 cm) UB 18-2: 18" (45 cm) x 24" (61 cm) UB 24-2: 24" (61 cm) x 24" (61 cm) UB 36-2: 36" (91 cm) x 24" (61 cm) UB 48-2: 48" (122 cm) x 24" (61 cm)</p>	<p>FEATURES LB 12-2, UB 18-2, and UB 24-2:</p> <ul style="list-style-type: none"> • 90° ribs redirect root growth down and underneath the barrier • Patented reinforced double-top edge withstands repeated foot traffic • Added UV inhibitors prevent breakdown from sun exposure • Patented anti-lift ground lock tabs secure the panel in the ground • Made in the USA <p>UB 36-2 and UB 48-2:</p> <ul style="list-style-type: none"> • 90° ribs redirect root growth down and underneath the barrier • Sizing adjustable in 1 ft. (.3 m) modules adaptable to any site • Combine with UB 18-2 or UB 24-2 where terrain is of varying depth • Made in the USA

APPLICATIONS																																																																										
 <p style="text-align: center;">LINEAR</p>	<p>LINEAR Provide maximum hardscape protection while utilizing all available rooting space for improved tree health by placing guides in a straight line directly along the hardscape to be protected.</p> <p>SURROUND Protect hardscapes that surround a planting on all four sides. Plan to line the perimeter of the planting area with the panels—this provides the maximum available uncompacted soil volume for immediate root growth.</p> <p>ROOT PRUNING Root pruning can help save existing trees and prevent future damage to paving. Disruptive roots are cleanly cut and removed; linear Root Barrier is then installed. There are limitations to root pruning and a qualified Certified Arborist should be consulted.</p>																																																																									
 <p style="text-align: center;">SURROUND</p>	<p>SPECIALTY APPLICATIONS Help protect sites with unusual requirements—like tennis courts, slopes, cemeteries and retaining walls—from root damage. DeepRoot Tree Root Barriers of different sizes can be used in combination in areas of variable depth.</p> <p>ROOT BLOCK In some circumstances it may be more desirable to prevent root intrusion by blocking roots, not redirecting them. Please see our Geomembrane catalog for details.</p>																																																																									
 <p style="text-align: center;">ROOT PRUNING</p>	<p>APPLICATION STYLES</p> <table border="1"> <thead> <tr> <th>Product #</th> <th>Linear</th> <th>Surround</th> <th>Root Pruning</th> <th>Specialty</th> </tr> </thead> <tbody> <tr> <td>LB 12-2</td> <td>•</td> <td></td> <td>•</td> <td></td> </tr> <tr> <td>UB 18-2</td> <td>•</td> <td>•</td> <td>•</td> <td></td> </tr> <tr> <td>UB 24-2</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>UB 36-2</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> <tr> <td>UB 48-2</td> <td>•</td> <td></td> <td>•</td> <td>•</td> </tr> </tbody> </table>	Product #	Linear	Surround	Root Pruning	Specialty	LB 12-2	•		•		UB 18-2	•	•	•		UB 24-2	•	•	•	•	UB 36-2	•		•	•	UB 48-2	•		•	•	<p>PRODUCT USES</p> <table border="1"> <thead> <tr> <th>Product #</th> <th>Sidewalks</th> <th>Curbs & Gutters</th> <th>Paths</th> <th>Medians</th> <th>Patios</th> <th>Specialty</th> </tr> </thead> <tbody> <tr> <td>LB 12-2</td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> </tr> <tr> <td>UB 18-2</td> <td>•</td> <td></td> <td>•</td> <td></td> <td>•</td> <td></td> </tr> <tr> <td>UB 24-2</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>UB 36-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> </tr> <tr> <td>UB 48-2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> </tr> </tbody> </table>	Product #	Sidewalks	Curbs & Gutters	Paths	Medians	Patios	Specialty	LB 12-2			•				UB 18-2	•		•		•		UB 24-2	•	•	•	•	•	•	UB 36-2						•	UB 48-2						•
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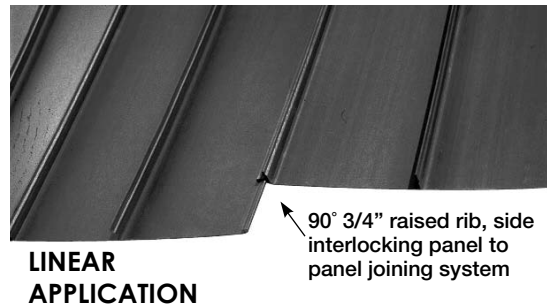
CP-Series Root Barrier Panels:

Manufactured from durable polyethylene material. Century Products panels feature 90° root deflecting ribs and self interlocking panel to panel connection that eliminates joiner strips and gluing. As well as being a root impervious barrier, the CP-Series panels direct roots downward to prevent costly damage to surrounding hardscapes and landscapes. These versatile panels can be used in linear and surround applications. The CP-Series panels are designed to reduce maintenance costs and liabilities for government agencies, cities, and private industry.

Linear Application: For root pruning of existing trees or in planting situations where one or more trees are in close proximity to hardscapes.

-OR-

Surround Application: For new tree planting or when the hardscape encircles the planter



Features:

- Flexible Top Safety Edge
- Versatile barrier for linear or surround applications
- Manufactured with 50% recycled plastic
- Raised 90° root deflecting ribs
- 90° 3/4" raised rib, side interlocking panel to panel joining system
- Adjustable anti-lift polyethylene panels which can be separated into 1' sections

SPECIFICATIONS

CP-SERIES: CP12-2, CP18-2, CP 24-2, CP36-2, and CP48-2.
90° 3/4" raised rib, side interlocking panel to panel joining system.
Material: Polyethylene with ultraviolet inhibitors.
Thickness: .080" (2.032mm)

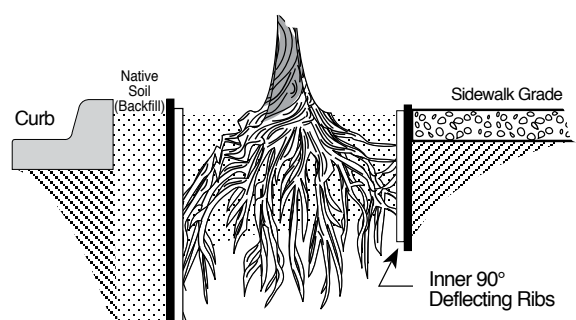
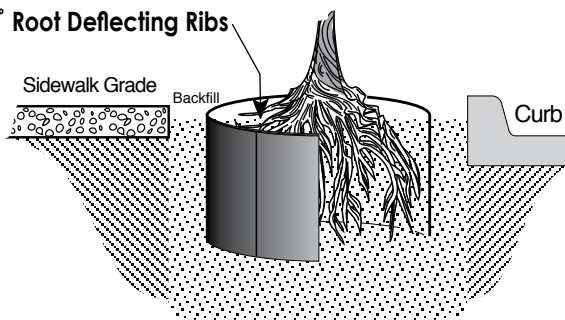
MATERIAL	Polyethylene	
THICKNESS	.080" (2.032mm)	
PROPERTIES	ASTM TEST METHOD	VALUE POLYETHYLENE COPOLYMER
Tensile Stress @ Yield	D638	4100 TO 4300 PSI
Elongation @ Break	D638	40%
Tensile Modulus of Elasticity	D638	150,000 PSI
Flexural Stiffness	-	-
Cantilever Beam	D747	125,000 PSI
Tensile Impact	D1822	50Ft. lbs/in ²
Environmental Stress	-	-
Crack Resistance	D1693	1 Hr.
Hardness, Shore D	D2240	68

U.S. Standard
For Technical or Field Support, please call: 714.632.7083

SURROUND APPLICATION

LINEAR APPLICATION

90° Root Deflecting Ribs



Backfill is native soil or 3/4" gravel for drainage.



CP-SERIES Root Barrier Panels

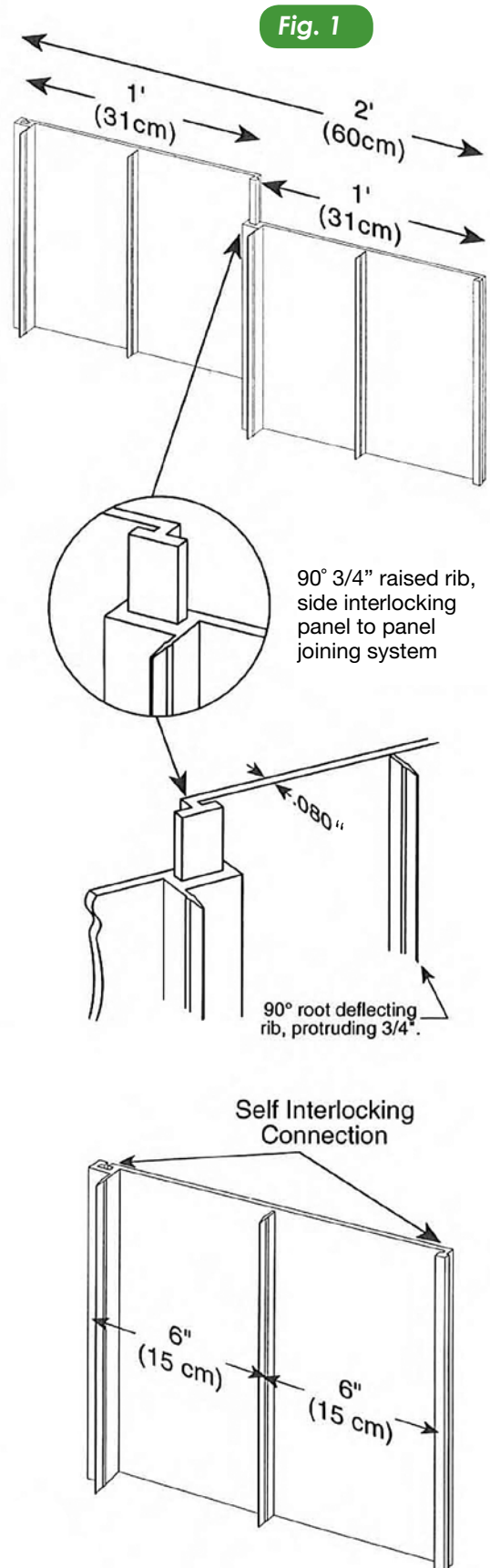
Century CP-Series Panels are pre-assembled in 2' long segments which can be combined to create various lengths of barrier to fit your application.

I. SPECIFICATIONS

- A. The root barrier shall be **CP-Series** manufactured by Century products, 1144 North Grove St., Anaheim, CA 92806, (714)632-7083, or approved equivalent
- B. The barriers are black molded modular panels manufactured using 50% recycled polyethylene plastic with ultraviolet inhibitors and .080" (2.032mm) in thickness. Each panel has vertical 90° root deflecting ribs protruding 3/4" in height. The ribs have a minimum thickness of .080" (2.032mm) and are placed 6" apart. An integrated 90° 3/4" raised rib, side interlocking panel to panel joining system provides for an instant assembly by sliding one panel into another.

II. INSTALLATION

- A. The specified number of panels shall be joined together and placed along hardscapes to create a linear style planting application or connected to encircle the root ball for surround installation.
- B. Vertical 90° root deflecting ribs are always facing the root ball.
- C. Always install the panels 2" above grade to avoid root penetration above the barrier.
- D. Prepare your installation as depicted in illustrations. (Assemble panels as shown in Figure 1.)
- E. Recommended for linear or surround planting applications. Back fill with existing native soil. If necessary for drainage, use gravel or crushed rock. Avoid backfill less than 3/4" or greater than 1 1/2". Finish to grade. Do not distort barrier during installation.
- F. Technical Questions? Call Century Products at 714.632.7083 for assistance.





E Meeting Notes

Riverside Memorial Cemetery
Master Plan Update
Meeting #1
May 5, 2011

Attending:

Debra Lane, Assistant Town Manager
Jessie Timberlake, Riverside Memorial Cemetery Trustee, Chair
Beverly Brooking, Riverside Memorial Cemetery Trustee
Gerald Sherry, Riverside Memorial Cemetery Trustee
Frank Governali, Town Council Representative
David Jones, Riverside Memorial Cemetery
Bob Malley, Director of Public Works
Stephen Mohr, Mohr & Seredin
Tanya Seredin, Mohr & Seredin

Discussion:

- A. Jessie opened the meeting and turned it over to Mohr & Seredin to discuss the Master Plan update.
- B. Tanya and Stephen discussed the approach to be taken for the project, and explained that the goal of the first meeting was to listen to the Committee to learn more about what the Master Plan needs to address, and what the hopes are for the plan.
- C. The following are items that were discussed:
 - 1. Would like to explore the addition of niche walls to the cemetery. A handout of the Peace Garden at St. Albans showed a garden that has columbarium, or niche walls, and also includes a scatter garden.
 - 2. Would like to look at extending the stone wall for the entire length of the cemetery, as it feels very open next to the road.
 - 3. Need to look at numbers of spaces, lot sales, and number of years of burials expected for the cemetery.
 - 4. Consider allowing the niches to be open to non-residents of Cape Elizabeth.
 - 5. The soil stockpile is the biggest complaint. Bob Malley indicated that there are plans underway to utilize a smaller stockpile which will get removed periodically. For now, the stockpile will remain in case the soil is needed for construction or expansion of cemetery areas.
 - 6. The maintenance shed is an important part of the functioning of the cemetery, however the adjacent plots are difficult to sell. Perhaps additional screening or fencing should be looked at to help buffer the shed.

7. The flagpole area is stark. The 1993 Master Plan shows a stone wall/columbarium in this area. Perhaps it is time to explore this further.
8. Is there a way to understand what the demand may be for interment in this cemetery by non-residents?
9. Care needs to be taken as to tree placement, so the tree isn't blocking access to plots when burial is needed.
10. The only other active cemetery in Cape Elizabeth is the Seaside Cemetery, which is privately owned.
11. Tanya and Stephen explained that they are exploring the potential for expansion of the cemetery into the 250' buffer zone of the Spurwink Marsh. In 1993, the town's interpretation of the Shoreland zone was that no work could take place in the 250' zone. At present, there may be the potential to utilize a portion of the buffer – potentially for a walkway and benches with scatter gardens, or columbarium walls. The committee expressed the desire to be a good example for environmentally responsible development, but would like to review what the possibilities are.

D. Stephen and Tanya concluded the meeting portion by thanking the Committee for the opportunity to work on the Riverside Memorial Cemetery once again.

E. The majority of the committee convened at the cemetery to walk it and to further explore any site specific issues. The following were discussed at the site:

1. The lack of plantings in some areas were noted, and seemed to correspond with desirability of plots.
2. The soils stockpile was examined, and it was noted that the trees immediately adjacent to the stockpile had died – probably due to the soil over the roots.
3. The maintenance shed is a fairly attractive looking building, however people are not very interested in the plots immediately adjacent to it. The plan should explore ways to make the plots more attractive for purchase through plantings, fencing, etc.
4. The plot layout has been changed / adjusted since the initial layout plans were prepared. David Jones has a plan with the new layouts, and the plot markers are located on the ground.
5. Tanya noted that there are a significant amount of invasive plant materials growing in the buffer zone between the cemetery and the marsh. This is significantly different from when the expansion of the cemetery occurred. Of particular concern is the thick layer of honeysuckle that is throughout, and it appears as if bittersweet is also starting to take hold.
6. The openness and lack of enclosure were noted along the north end of the cemetery adjacent to Route 77. This also has affected the desirability of the plots in this area.
7. The starkness of the flagpole area was also noted. The group agreed that this would make a more desirable area for niche walls than in the buffer zone where they wouldn't be visible.



M O H R & S E R E D I N

Landscape Architects, Inc.

Riverside Memorial Cemetery
Master Plan Update
Meeting #2
June 20, 2011

Attending:

Debra Lane, Assistant Town Manager
Jessie Timberlake, Riverside Memorial Cemetery Trustee, Chair
Beverly Brooking, Riverside Memorial Cemetery Trustee
Gerald Sherry, Riverside Memorial Cemetery Trustee
Frank Governali, Town Council Representative
David Jones, Riverside Memorial Cemetery
Stephen Mohr, Mohr & Seredin
Tanya Seredin, Mohr & Seredin

Discussion:

- A. Jessie opened the meeting and turned it over to Mohr & Seredin to present the progress on the Master Plan update.
- B. Tanya and Stephen presented the work to date as follows:
 - 1. Cemetery Fees: A table was distributed that details fees charged for cemetery plots and burials from cemeteries in eight neighboring municipalities. In every case, non-residents are allowed to be buried in the cemetery. Non-residents are usually charged a higher fee for the purchase of the lot, and often they are charged a higher fee for burials. The table gives a breakdown for every municipality, and provides a summary showing the ranges of fees charged.
 - 2. Existing Conditions: An Existing Conditions Plan was prepared that showed the new section of the cemetery, including the drives, laid out plot areas, vegetation, and maintenance area. There are notes on the plan that describe the issues that the Committee charged Mohr & Seredin with addressing in the Master Plan Update. (See attached plan) The Committee confirmed that the issues noted on the plan are accurate.
 - 3. Shoreland Zone: Stephen discussed the Shoreland Zone requirements with Cape Elizabeth's Code Enforcement Officer, Bruce Smith. Bruce did not feel that municipal cemetery use could be defined as an essential service according to the definitions in the codes, and therefore there any cemetery use

within 250' from the critical wetland edge is not allowed. There is provision for forestry management practices which would allow selective pruning, limbing and thinning to take place, as well as removals of invasive species. This would create opportunities for opening up views into the marsh, which would be very desirable for selling the plots.

4. Proposed Improvements: The following improvements and updates are proposed:
 - a. Buffer between road and cemetery: A multi-layer buffer is proposed along the road, including extending the stone wall for the full length of the cemetery, planting several groupings of trees both inside and outside the wall. The plantings should include large trees, understory trees, and large shrubs.
 - b. Buffer between plots and the Maintenance Building: Several layers of buffer are proposed between the plots and the Maintenance Building. This includes a 6' high fence (approximately 66% solid), shrubs, evergreens and deciduous trees.
 - c. Tree plantings in the open areas of the cemetery: Groupings of deciduous shade trees are shown in the un-planted sections of the cemetery, with care taken to place them between the already laid-out plot areas wherever possible. The plan shows displacing plots in only two areas: 4 cremation plots are eliminated in one area, and in a second, 8 full-sized plots are reduced to 8 cremation plots. A root barrier is proposed between the trees and the plots to allow the trees to be planted closer to the burial areas without impacting the plots.
 - d. Plot Layout: A proposed plot layout is shown in the remaining section of the cemetery on the outermost edge adjacent to the woods utilizing a similar pattern as the previously laid out sections. The northeast corner is shown as developed with cremation niche walls, but it could be utilized as in-ground burials as well. The master plan update could show both options, and the decision could be made at a later date based on need.

As shown, with both in-ground plots and cremation niche walls, there are 166 full size plots and 8 cremation plots, and 430 cremation niches.

With all in-ground burials, there would be a total of 208 full size plots, and 18 cremation plots.

- e. Flag Circle: Everyone agreed that the flag circle was stark and uninviting, and that it is an opportunity to develop into a more interesting space visually, and an opportunity to place cremation niche walls. Three options for niche walls were presented, one is shown on the site plan, and

two alternatives were shown on the detail plan. Adding soil (used from on-site excess stockpiles) to create some gently mounding slopes in addition to different wall layouts were shown. The committee had several questions and comments about the niche walls and the layouts:

1. The niche sizes are shown as 12" x 12" x 12". How many urns would that fit, and would it make sense to incorporate larger, family size niches? M&S will research this and provide additional information.
2. It is preferable from a cost standpoint to construct walls that have niches on both sides, rather than on just one side.
3. Edge treatment of the driveway around the flag circle might be a nice consideration. M&S agreed and will explore options.

C. Tanya and Stephen will coordinate with Debra for the next meeting.



M O H R & S E R E D I N

Landscape Architects, Inc.

Riverside Memorial Cemetery
Master Plan Update
Meeting #3
August 10, 2011

Attending:

Debra Lane, Assistant Town Manager
Jessie Timberlake, Riverside Memorial Cemetery Trustee, Chair
Beverly Brooking, Riverside Memorial Cemetery Trustee
Frank Governali, Town Council Representative
David Jones, Riverside Memorial Cemetery
Tanya Seredin, Mohr & Seredin

Discussion:

- A. Jessie opened the meeting and turned it over to Mohr & Seredin to present the progress on the Master Plan update.
- B. Tanya presented refinements to the master plan update based on comments received at the previous meeting, as well as additional information as follows:
 1. Updated Plan: Tanya presented an updated master plan sketch that showed a more detailed layout for phase 5 which are the plots on the outside edge of Sycamore Drive. The plan shows all in-ground plots, with a total of 243 full size plots, and 24 cremation plots. The previous plan showed the northwest corner developed as a cremation wall garden area, and this plan shows how it would look with all in-ground burials. The final decision as to how this area gets developed could be made at a later date based upon need and available funds. Fill from the excavation of burials has been stockpiled adjacent to the northwest corner, and can be used to raise the grade in the lower plot areas. Tanya will review this with Bob O'Malley.

A new layout for the cremation wall layout at the flag circle area is shown on the plan. Six walls with 40 niches each is shown. The walls can be constructed at the same time, or as needed. The center of the island contains a shrub and tree planting, and there are benches shown between the walls. The front edge of the island has a band of low-maintenance flowering plants, such as daylilies. The edge of the driveway is shown with a granite curb and has accessibility ramps shown as needed. The driveway width will be wide enough for a car to park with cars able to pass.

2. Cremation Wall Niche Sizes: The cremation niche sizes are shown on the detail as 12" x 12" x 12" deep. This can accommodate up to 3 urns. If there is a desire for family niches that can contain more urns, one or more of the walls can contain deeper niches that can hold more urns. (12" x 12" x 16" deep can hold 5 urns, 12" x 12" x 24" can hold 8 urns). Research of other cemeteries, and discussion with national columbarium wall suppliers. (see attached literature from various sources)
3. Tree Root Barrier: It has been difficult to sell plots that are in the open; people prefer to purchase adjacent to a natural resource or tree. In order to fit more trees into the cemetery without risking the tree roots interfering with the burials, a tree root barrier is recommended. DeepRoot makes a 12" deep edge which would be adequate for use in the cemetery. (see attached product information)
4. Construction Cost Estimate: A preliminary construction cost budget was prepared (see attached). The Cremation Garden area costs are approximately \$140,000, which amounts to approximately \$575 to \$600 per niche. Tanya will follow up with Bob O'Malley to determine a budget for the layout of the new plot areas, and to prepare a budget for filling of the lower areas. These costs will be included in the final construction cost budget.
5. Lot sales / interment data: Tanya reviewed the lot sales and interment data provided by Debra. Lot sales has been fairly steady over the last 3 decades at 611 to 646 lots per decade. Burials have increased from 245 in the 1980s, 337 in the 1990s to 425 in the 2000s.

With the additional 267 plots added to the 491 that are presently unsold, there will be a total of 758 lots available for sale, not including any niches. At an approximate sales rate of 65 lots per year, there is approximately 10 to 12 years left of sales in the cemetery.

6. Lot Pricing: An updated lot pricing comparison was prepared that compares the Riverside Cemetery prices with several cemeteries located in Southern Maine. Cape Elizabeth pricing is presently in the middle, but we believe that there is room to increase the pricing to reflect the true costs of the cemetery, and still stay within the typical lot prices for neighboring cemeteries.