

**2012 PROJECT CANOPY ASSISTANCE
TREE PLANTING AND MAINTENANCE**
USDA FOREST SERVICE-URBAN AND COMMUNITY FORESTRY CFDA 10:675

Applicant (Entity Name): Town of Cape Elizabeth

*Designated Representative: Maureen O'Meara

Title: Town Planner

Address: 320 Ocean House Rd
Cape Elizabeth, ME 04107

Phone Number: 799-0881 Email Address: maureen.omeara@capeelizabeth.org

Applicant's Federal Identification Number: 016000100

Previously Received Community Forestry Assistance Funding Yes No

Does your community have a comprehensive plan, which includes forestry? Yes No

Date certified by State Planning Office: September 2007

Short Project Title: Hickory Stand Restoration and Shade Tree Replacement

Budget:
(Refer to the Project Canopy Planting and Maintenance Grant guidelines)

GRANT REQUEST					LOCAL MATCH	
Tree Species	Dia.	No.	\$/ tree	Total cost	Matching Items	\$ Value
	2.5	20	395.00	7900.00	Trees	750
					1 Year Maintenance	500
					Mulch, supplies, other materials, transport planting, etc	2,500
					Removal & Stump Grinding	1,000
Other Reimbursable Costs			\$ Value			
Labor (pruning, planting, removal)					Volunteer labor, administration, equipment (hourly rate \$ 50 X #hrs 50) =	2,500
					\$20 X #hrs 100 =	2,000
Maintenance						
Mulch, supplies, other materials						
TOTAL GRANT REQUEST			\$7,900.00		TOTAL MATCH (> or = grant request)	\$9,250

Name of State Senator Cynthia Dill
Name of State Representative Kim Monaghan-Derrig

Grant applications must include:

(Refer to the Project Canopy Planting and Maintenance Grant guidelines)

- **Completed Application Form**
- **Narrative**
- **3-Year Maintenance Plan**
- **Project Map**
- **Letters of Support**

*As designated representative of said applicant, I hereby agree to implement this project according to the attached cost and technical proposals and to abide by all local ordinances and restrictions that apply.

Maureen O'Meara
Signature

10/22/2012
Date

**As official representative of said applicant, I hereby authorize the project submitted for the proposed Project Canopy Grant.

[Signature]
Signature

10/22/2012
Date

Please submit proposals in PDF format to the following e-mail: jan.santerre@maine.gov, no later than **5 PM, October 22, 2012**. Required information for the proposal should not exceed five (5) pages (excluding budget tables), with a print font size of 12 preferred. Note: the proposal submission inbox can accept message up to 10 MB in size. Multiple messages per proposal may be submitted if necessary. Additional information such as maps, tables, and letter of support may be included in addition to the proposal.

* Designated representative refers to the person authorized by the applicant to submit a grant application, sign documents and take necessary actions to undertake, direct and complete the approved project.

**Official representative refers to the Mayor or Town Board Official for a municipality; a Superintendent or Principal for a school; and the Board Director or President in the case of a non-profit organization.

Note: Amount Eligible for Reimbursement is Limited to \$8,000.

Project Canopy Community Capacity Checklist



Please rate your community's capacity for urban and community forestry management. Put a check mark next to each capacity component that applies to your community.

1. Inventories and management plans:

Community has a tree and forest management plan developed from professionally-based resource assessments and inventories.

2. Professional staff:

Community employs or has written agreement with professional forestry staff who possess at least one of the following credentials: degree in forestry or related field, and ISA certified arborist or equivalent professional certification.

3. Tree care ordinance:

Community has local ordinances or policies that focus on planting, protecting, and maintaining urban and community trees and forests.

4. Local advisory /advocacy organization:

Community has local advocacy/advisory organizations such as active tree boards, commissions, or non-profit organizations that are formalized or chartered to advise and/or advocate for the planting, protection, and maintenance of urban and community trees and forests.

Town of Cape Elizabeth
SHAGBARK HICKORY RESTORATION

PROJECT NARRATIVE

Shagbark Hickory (*Carya ovata*) is an historically important native tree species historically found in southern Maine. Shagbark Hickory was especially well represented in areas of Cape Elizabeth. With increasing development over time, however, nearly all the native stands of Shagbark Hickory were cut and replaced with agricultural fields, residential developments, recreational fields, or parks. Finding planting stock suitable for street tree, shade tree and ornamental use is difficult because of the tree's taproot system, so Shagbark Hickory is not commonly planted. As a result, what was once a prominent arboricultural feature of the Cape Elizabeth landscape has become very uncommon.

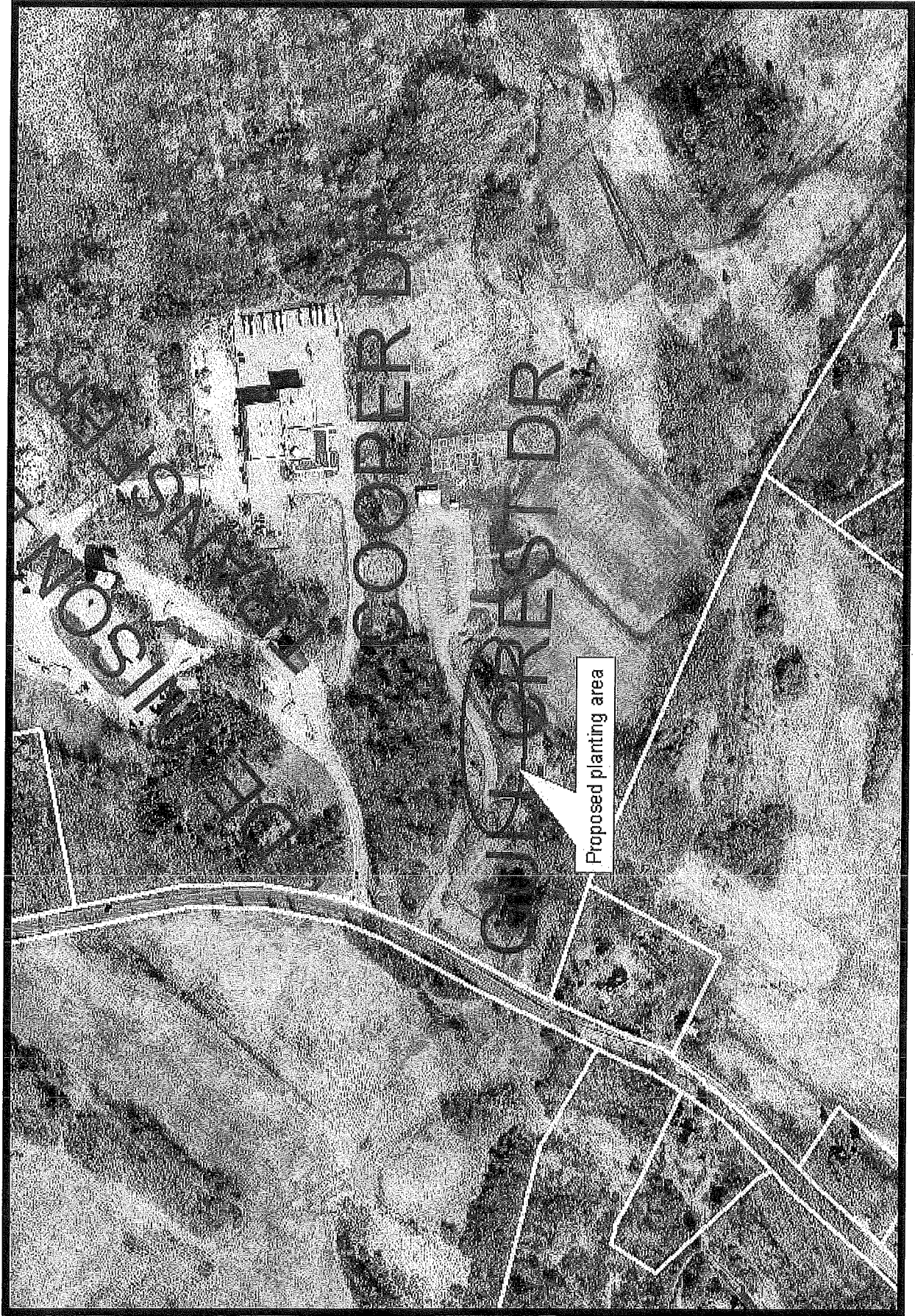
However, some small stands of Shagbark Hickory remain. In the Town's recreational area known as Gull Crest, three small, discreet stands of Shagbark Hickory exist along one of the playing fields. Each stand contains approximately eight trees. The stands are perfectly placed for high visibility to and access by the public, and have plenty of room for restoration and expansion. At least one of the stands is situated along the entrance to Gull Crest, and so provides an especially good opportunity to showcase restoration efforts. A walking path goes along the border of one of the other stands. Similarly, in the Town's municipal park known as Fort Williams, Shagbark Hickory exists in small numbers in some of the small natural areas of the park, especially near the Goddard Mansion. There are several good locations for Shagbark Hickory stand restoration along highly visible public areas.

The purpose of this Project is to restore and regenerate historic Shagbark Hickory stands in public areas of Cape Elizabeth, through strategic planting of Shagbark Hickory. Fortunately, and very unusually, Pierson's Nursery in Biddeford, Maine has twenty saplings of 2 – 2.5" caliper size. Our intent is to purchase all twenty trees with the grant, and use the trees to underplant and extend the remaining Shagbark Hickory stands in Gull Crest and Fort Williams. Interpretive signage will be installed. One of the trees would also be planted as a street tree in a prominent gateway location in the middle of Cape Elizabeth's business district. As part of the project, the Town would also purchase up to fifty small Shagbark Hickories (18 – 24" #1B), to use to create an even younger age-class of seedlings growing up under and around the Shagbark Hickory stands.

Cape Elizabeth places enormous priority on the preservation and maintenance of its open space, and the stewardship of its natural resources, including especially its arboricultural resources. The Shagbark Hickory Restoration Project will help ensure survival of the Shagbark Hickory legacy in Cape Elizabeth.

Gull Crest Planting Area

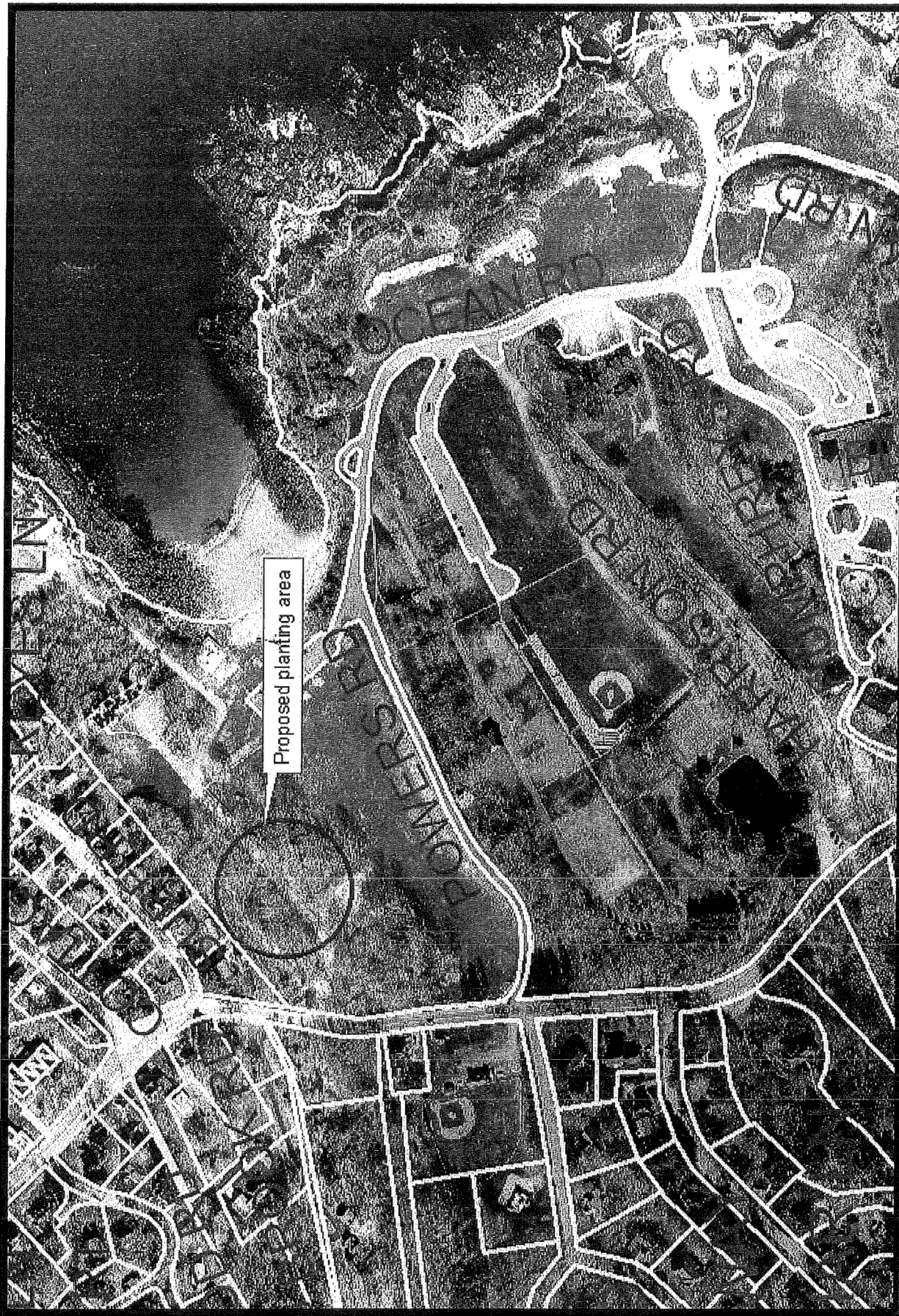
1 inch = 300 feet



Proposed planting area

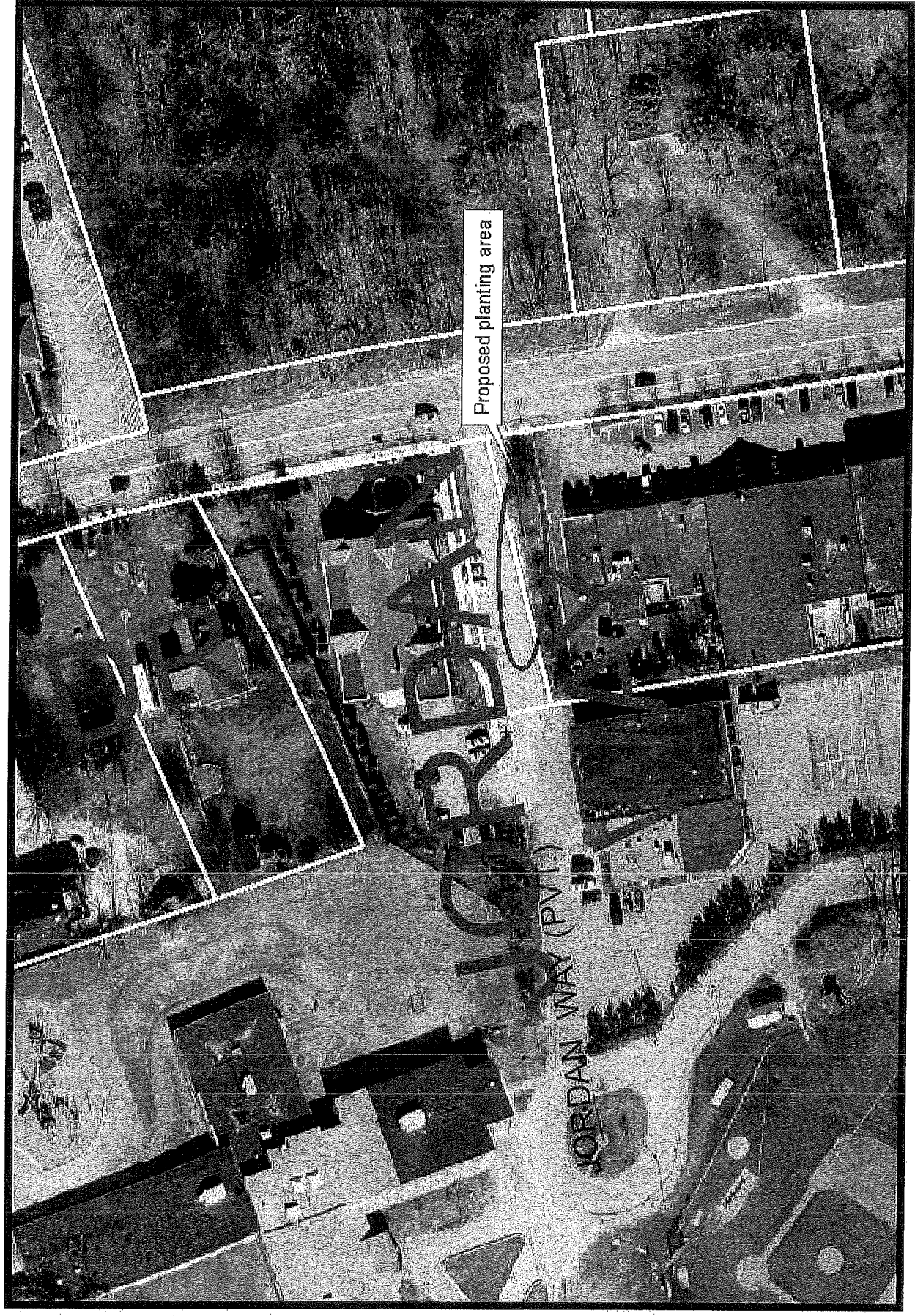
Fort Williams Planting Area

1 inch = 300 feet



Police Station Planting Area

1 inch = 100 feet



Town of Cape Elizabeth
SHAGBARK HICKORY RESTORATION

THREE YEAR MAINTENANCE PLAN

Maintenance will be conducted by the Town's Tree Warden, Mike Duddy, in conjunction with Public Works Supervisor, Jim Greene, and Parks Manager, Forest King.

Year 1

Spring clearing of brush and soil preparation in planting areas. Planting of stock. Mulch, staking, flagging, and weed control. Watering as frequently as needed during growing season. Install signage.

Year 2

Replenish mulch. Brush and weed control as necessary. Check for insect, disease, predator damage. Watering as frequently as needed during growing season.

Year 3

Replenish mulch. Brush and weed control as necessary. Check for insect, disease, predator damage. Watering as frequently as needed during growing season.

PIERSON NURSERIES INC. 24 BUZZELL ROAD BIDDEFORD, ME 04005 PH (207)4992994 FX(207)499-2912 sales@piersonnurseries.com	QUOTE		ORDER		PO #	PK UP DATE
	#		#		TERMS	
	DATE		DATE		DEL DATE	
	10/22/2012				Fall 12- Sp 2013	
INT		INT				

CUSTOMER		JOB NAME				
Town of Cape Elizabeth						DEL CHRG
PH	C-318-0699	FAX		CONTACT		

.OC INCLUDED
 COM A= HERE B=WILL BE HERE SOON C=CAN GET WITH NOTICE D= GUESSING OR UNLIKELY

	LATIN NAME	QTY	SIZE	TRT	STAT	LOC	NOTES	PRICE	EXT PR
1	TILIA CORDATA	1	4-4.5"	BB				500.00	500.00
SUB									
2	ACER SACCHARUM LEGACY	1	3.5-4"	BB				350.00	350.00
SUB									
3	CARYA OVATA	20	2-2.5"	BB				395.00	7900.00
SUB									
4	LABOR/EQUIP TO DEL/AND INSTALL	1						2500.00	2500.00
COM	ASSUMES EASY ACCESS SPOIL ON SITE DISPOSAL AND NO PROBLEMS WITH DIGGING AND ALL IN ONE PHASE NOT MULTIPLE TRIPS								
5	CARYA OVATA	50		#3/5				15.00	750.00
COM	PLANTING NOT INCLUDED								
6									
SUB									
7									
SUB									
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		QUOTE TOTAL		12000.00		PAGE TOTAL		12000.00	

Pricing valid for 15 days and FOB Dayton, Me unless otherwise specified. Not all plants quoted are always in stock and we may need time to meet particular specs. Prices based on significant portion of qty being purchased. If small portion purchased it may affect pricing.

We reserve the right to change pricing if quantities, timing or sizes differ from quote. Thank you and we look forward to working with you.

KELLY, REMMEL & ZIMMERMAN
ATTORNEYS AT LAW
53 EXCHANGE STREET
P.O. BOX 597
PORTLAND, MAINE 04112-0597

U. CHARLES REMMEL, II
BARRY ZIMMERMAN
GRAYDON G. STEVENS
R. TERRANCE DUDDY
TIMOTHY H. NORTON
MICHAEL A. DUDDY
JOHN A. MCARDLE, III
JENNIFER A. ARCHER
LAURI BOXER-MACOMBER
TIMOTHY E. STEIGELMAN

OF COUNSEL
JOHN N. KELLY
ROBERT E. CROWLEY

TELEPHONE
207-775-1020

WATTS

800-540-4212

FAX

207-773-4895

WEB SITE
www.krz.com

October, 22, 2012

Project Canopy
Maine Forest Service
22 State House Station
Augusta, Maine 04333

Re: Letter of Support for Shagbark Hickory Restoration Project

Dear Sir or Madam:

I want to provide my enthusiastic support for the Town of Cape Elizabeth's Shagbark Hickory Restoration Project.

I currently serve as the Town's Tree Warden (although I practice law for a living, I am also a Maine licensed professional forester). I previously served on the Town's Conservation Commission for ten years, and I have become very familiar with the Town's open space, forest, and arboricultural resources.

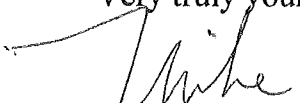
Through my work with the Conservation Commission, and now as Tree Warden, I have and continue to interact with a great many people and organizations interested in the Town's tree resources, including the Cape Land Trust, the Fort Williams Arboretum group, the Conservation Commission, Public Works, the Planning Board, and residents. Based on these interactions, I know there is a great deal on interest in promoting local, native tree species, and the Shagbark Hickory in particular. Many people would like to see the Shagbark Hickory restored to a place of prominence in the Town.

I am personally familiar with most of the remaining stands of Shagbark Hickory in Town. There is a tremendous opportunity to use those stands as the basis for expanding the resource, especially in areas highly visible to and accessible by the public.

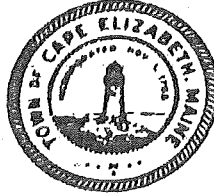
In addition to supporting the project, I will ensure the specific commitments and contributions to the Project are forthcoming. I will interface with Public Works and other local professionals for volunteer work, and will also help coordinate the volunteers who will help with the planting and the 3 year maintenance requirements.

This is a great project, and I hope you will be in a position to support it.

Very truly yours,



Michael A. Duddy



TOWN OF CAPE ELIZABETH

Assessing/ Codes/Planning
P.O. Box 6266
320 Ocean House Road
Cape Elizabeth, Maine 04107-0066

Phone 207-749-1619
Fax 207-749-5576
Email:
maureen.omeara@capeelizabeth.me

October 22, 2012

Mike Duddy, Tree Warden
Town of Cape Elizabeth
320 Ocean House Rd
Cape Elizabeth, Maine 04107

Re: Project Canopy grant

Dear Mr. Duddy,

As Chair of the Conservation Commission, I am pleased to express our support for a project canopy grant to restore the town's shagbark hickory population.

The location you are recommending at Gull Crest is of particular interest to the Conservation Commission as it will be visible from the Gull Crest trail network. The Conservation Commission held a joint site walk with representatives of the horseback riding community and observed the preparatory work underway to clear out underbrush.

The Conservation Commission's budget for plantings is very small and these grant funds will be much appreciated to add to some of our most mature landscapes.

Sincerely,

Garvan Donegan
Conservation Commission Chair