

Shadowcreek
Butterfly Garden
2013

JUNIORS

2012-2013 Juniors



Monarch Waystation

Monarch butterflies are a beloved sight in many gardens. To support their population, it's important to create a waystation for them. This means providing them with the food, shelter, and space they need to thrive. Native plants are the best choice for this, as they are the only ones that monarchs can eat. Milkweed is the most important plant for monarchs, as it's the only one they can lay their eggs on. Other plants that are good for monarchs include blackberry, raspberry, and blueberry. These plants provide them with a place to hide and a source of nectar. By creating a monarch waystation, you can help to protect this beautiful species and ensure that they continue to be a part of our gardens for years to come.



SPONSORED BY RAKE & HOE







Alicia Crowell
extra Photos of Yonah
Butterfly Garden



6-12-2014



JUNIOR GARDENERS...Members of the Junior Garden Club of The Rake and Hoe Garden Club of Westfield keep busy maintaining their butterfly garden at the Shadowlawn Pocket Park. They are pictured with Jeanie Jeremia of the Garden Club of New Jersey learning how to install "Pollinator Houses" in the garden.

Rake and Hoe Garden Club, Juniors Highlight Activities

WESTFIELD — The Rake and Hoe Garden Club of Westfield and its Junior Garden Club have been active with multiple projects and events. The Rake and Hoe Garden Club of Westfield has a diverse membership spanning all ages, interests and occupations. Federated with the National Council of State Garden Clubs and the Garden Club of New Jersey, The Rake and Hoe Garden Club of Westfield has between 50 and 70 members, all of whom share one thing in common: a love of flowers and gardening.

In addition to maintaining their butterfly garden at the Shadowlawn Pocket Park, the Juniors learn the basics of flower arranging, which helps them make flower arrangements with which to compete in the annual New Jersey Garden Show each February. In the 2014 show, they won five of nine Top Exhibitor Awards in the Youth Division, including "Best in Show," out of more than 150 entries. Anyone interested in joining the Junior Garden Club is asked to call Beth Siano at (908) 233-4150.

During the month of June, a display at the Westfield Memorial Library will highlight the many activities and community projects of The Rake and Hoe Garden Club of

Westfield. Included in the display will be the 2014 "Deck the Halls" tour of four elegant homes in Westfield, fully decorated for Christmas, set for Saturday, December 6; activities of the club's Juniors program for future gardeners; mini-flower arrangements for Westfield's "Mobile Meals;" holiday gift bags for residents of the Lyons Veterans Hospital, and themed ornaments for the December and Spring trees, based on beloved books, which are then donated to the Jardine Academy library.

As a volunteer organization, The Rake and Hoe Garden Club also provides civil service to the community by maintaining the gardens at the north side of the Westfield Train Station, the Miller-Cory House Museum, the Shadowlawn Pocket Park, a Blue Star Memorial, and the Claire Brownell Memorial Wildflower Garden at the Reeve History and Cultural Resource Center, the home of the Westfield Historical Society.

For more information, call Karen Jolley-Gates, club president, at (908) 233-5125. Interested persons also are invited to check out the club on Facebook at [facebook.com/rakeandhoe](https://www.facebook.com/rakeandhoe) or the club's website, rakeandhoe.org.

Rake and Hoe Juniors tend to pocket park

The Junior section of the Rake & Hoe Garden Club of Westfield held their final meeting of the year at the Shadowlawn Pocket Park at the corner of Shadowlawn and Rahway avenues in Westfield.

The Juniors cleaned up the butterfly garden, planted herb seedlings they had grown themselves, including parsley, fennel and dill, and annual flowers. In addition, they decorated plant identification markers and placed them in the garden. The club invites the community to visit this peaceful garden, which is designed to provide a nurturing habitat for butterflies and other pollinators. The Juniors, ranging from kindergarten through high school students, meet monthly, after school during the school year to work on projects focused on flower design, gardening and community service.

Submitted by the Rake & Hoe Garden Club of Westfield



Front row from left, Arabella Morabito, CJ Strauss, Lexi Strauss, Arlene Bound, Malissa Morabito, Alyssa Stumpf and Lila Spadaro; back row, Amanda Saba and Riley Dupuis. Courtesy photo

Westfield MONTHLY NJ

MAILED FREE TO EVERY HOME
AND BUSINESS IN WESTFIELD

Published by Renna Media

Issue 35 • August 2018

RAKE AND HOE GARDEN CLUB TENDS COMMUNITY GARDENS

Submitted by Elizabeth Round

The Junior section of the Rake and Hoe Garden Club of Westfield recently held their final meeting of the year at the Shadowlawn Pocket Park located at the corner of Shadowlawn and Rahway Avenue in Westfield, NJ.

The Juniors cleaned up the butterfly garden, planted parsley, fennel and dill herb seedlings they had grown themselves, and annual flowers. In addition, they decorated plant identification markers and placed them in the garden.

The Club invites the community to visit this peaceful garden which is designed to provide a nurturing habitat for butterflies and other pollinators.

The Juniors, students ranging from kindergarten through high school, meet monthly after school during the school year to work on projects focused on flower design, gardening and community service. Earlier in the year, the Juniors competed in the Design Section of the Garden Club of New Jersey's Annual Flower Show and won several Blue Ribbons.

At the end of June, several members of the Rake & Hoe Garden Club of Westfield got together to clean up the community garden at the north side of the Westfield Train Station. During the year members of the club also maintain community gardens at Shadowlawn, Miller-Cory House Museum and the Clare Brownell Wildflower Garden at the Westfield Historical Society's Reeve History and Cultural Resource Center. The garden at Shadowlawn includes a butterfly garden which is designed to provide a nurturing habitat for butterflies and other pollinators. This section of the garden is maintained by the Rake & Hoe Juniors. All the gardens are open to the public.

The Rake and Hoe Garden Club is affiliated with the Garden Club of New Jersey and the National Garden Club, Inc. The club meets on the second Wednesday of the month at 12:00 p.m. at the Scotch Hills Country Club. Membership is open to residents of Westfield and surrounding towns. For more information, call Jeanne Marie Ryan (908-654-0271) or visit the club's website (rakeandhoe.org) or Facebook page



(above) The Rake and Hoe Garden Club's Juniors pictured at the butterfly garden. (back row, l-r) Amanda Saba, Riley Dupuis; (front row, l-r) Arabella Morabito, CJ Strauss, Lexi Strauss, Arlene Bound, Malissa Morabito, Alyssa Stumpf, Lila Spadaro.



(above, l-r) The clean-up crew: Carole Smillie, Kay Cross, Beth Hanscom, Alice Cowell, Richard Pelikan and Jeanie Pelikan; not shown: Nancy Smith and Helen Pasterczyk



MILLER-CORY HOUSE MUSEUM
614 Mountain Avenue
Westfield, New Jersey
(908) 232-1776

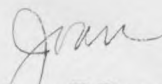
April 11, 2012

To: Rake and Hoe Garden Club - Junior Leaders – Ms. Beth Siano and Ms. Alice Cowell

Thank you so very much for weeding and cleaning the dye garden at the Miller-Cory House Museum on Sunday, April 1. The girls did a great job. The dye garden will look wonderful for our Annual Sheep-to-Shawl Festival on April 22. We expect to have over one hundred visitors to the museum on that day.

We truly appreciate all of the time, hard work and effort The Rake and Hoe Garden Club gives the museum. We are grateful for your continued support of the Miller-Cory House Museum.

Sincerely,


Joan E. Barna
Services Coordinator

Please address mail to:

The Miller-Cory House Museum, P.O. Box 455, Westfield, N.J. 07091-0455



October 31, 2016

MILLER-CORY HOUSE MUSEUM
614 Mountain Avenue
Westfield, New Jersey
(908) 232-1776

To: Rake and Hoe Garden Club - Junior Leaders – Ms. Beth Siano and Ms. Alice Cowell

Dear Juniors,

Thank you so much for weeding, raking and cleaning the fern garden at the Miller-Cory House Museum on Wednesday, October 19. Also, thank you for planting more ferns in the garden. You all worked very hard and did a great job.

We hope you had fun gathering leaves and flowers for an upcoming juniors' project and enjoyed seeing some of the unusual plants, such as tobacco, cotton and peanuts, at the museum.

We truly appreciate all of the time and effort you share with the museum. We are grateful for your continued support of the Miller-Cory House Museum.

Sincerely,

Joan E. Barna
Services Coordinator

Please address mail to:

The Miller-Cory House Museum, P.O. Box 455, Westfield, N.J. 07091-0455




Rake & Hoe
Juniors working
in the Butterfly
Garden at
Shadowlawn
Pocket Park

The club's
objectives are to
develop floral
design and
gardening skills,
increase
environmental
awareness, and
provide service
to the
community.

Rake & Hoe Juniors were awarded 5 of 9 Top Youth Exhibitor Awards at the Garden Club of NJ Flower Show in February. Categories included flower arrangements, horticulture and artistic crafts. Some of the award winners are on display here.

To join contact elizabeth.siano@gmail.com





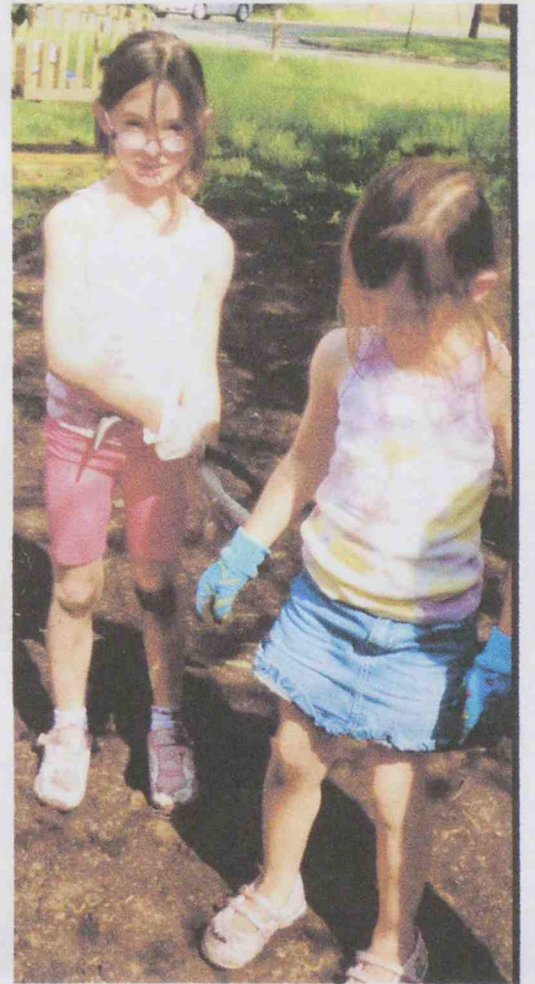
Rake & Hoe
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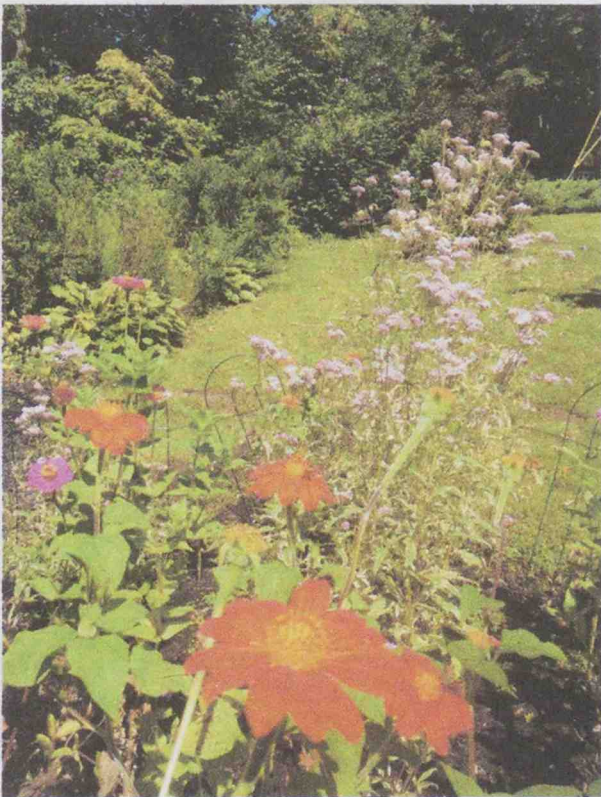
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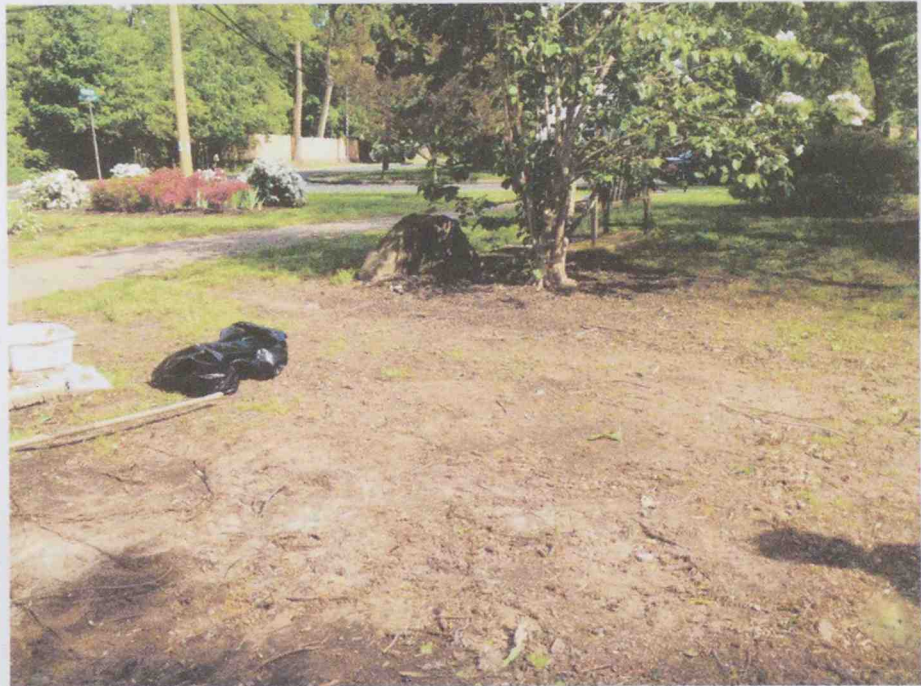


5. Juniors May planting, including parsley they grew from seed to feed caterpillars



6. **After:** Laying pathway and studying educational signage in the October garden

2013 Rake & Hoe Youth Butterfly Garden Project at Westfield, NJ Shadowlawn Park and Blue Star Memorial. Funding through Garden Club of NJ USDA Grant



1. Before: large tree felled by Sandy

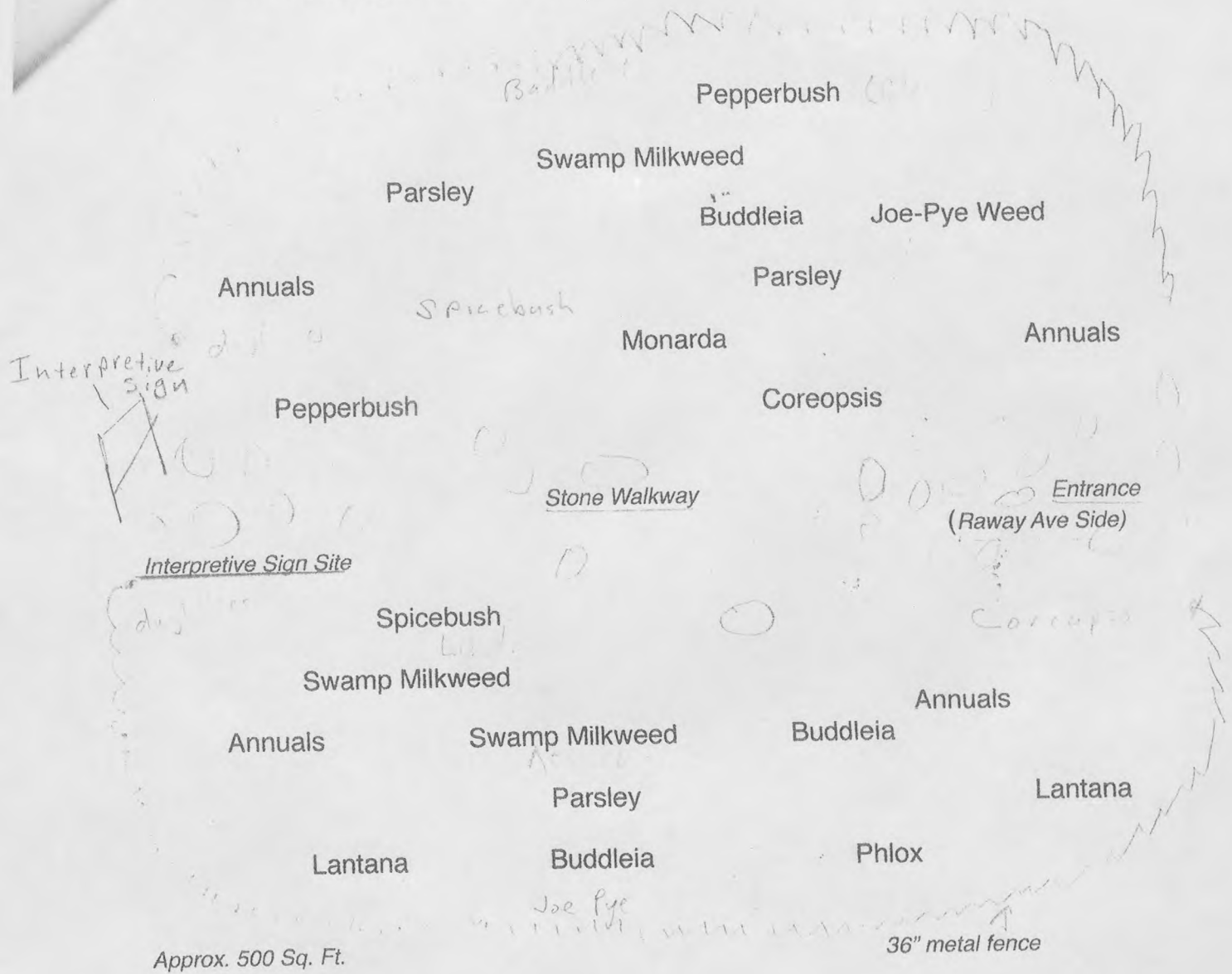
2. Site is cleared by Westfield Public Works



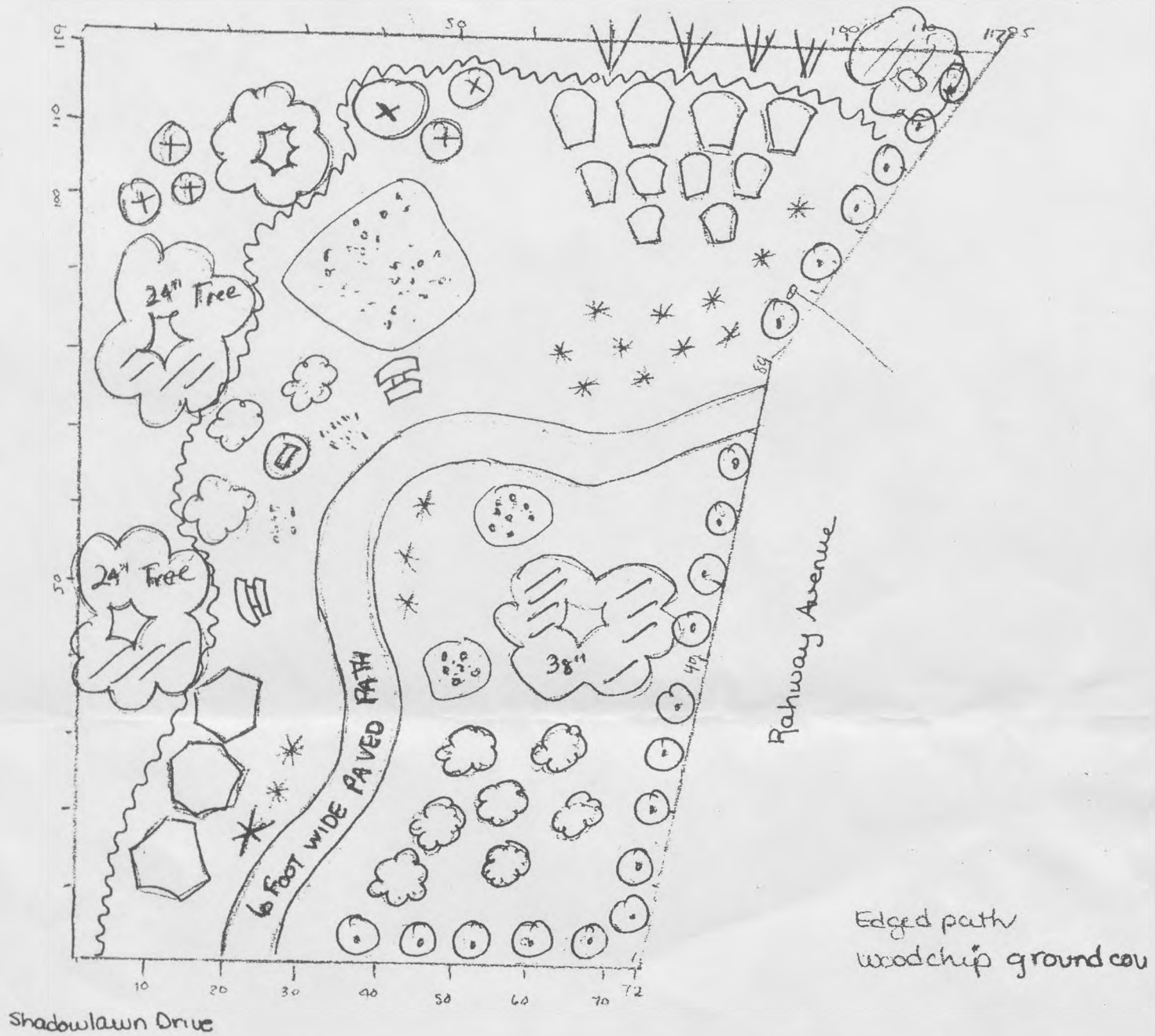
3. Working on the layout

4. Perennials purchased from April Rutgers Plant Sale

Plant Diagram for Shadowlawn Blue Star Butterfly Garden 2013

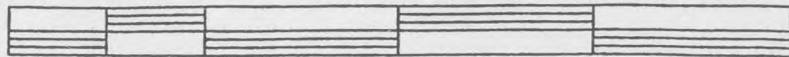


PLAN - 1994 01 2000



- Bench
- monument Rock
- Juniper low spreading
- cork bark
- Azalea large
- Exonymags red in fall
- Inkberry or Shad bush or Curly willow
- Bulbs
- American Holly
- Globe Juniper 3 ft + tall (change to 18" variety)
- unidentified existing shrubs
- NEW TREE THAT LIKES WET LAND
- EXISTING TREE

20 10 0 20 40 60



SCALE IN FEET

1998



SHADOWLAWN DRIVE

SURVEY OF TOWN PROPERTY
BLOCK 2905 LOT 4

TOWN OF WESTFIELD
DEPT. OF PUBLIC WORKS
959 NORTH AVE. WEST, WESTFIELD, N.J. 07090
ENGINEERING DEPARTMENT

Prepared By: P.D.H. Date: 6/8/98 Job #: 98011

Town Engineer Kenneth R. March NIDE 19767

Member National Council State Garden Clubs, Inc.

THE GARDEN CLUB OF NEW JERSEY, INC.
Community Gardens Committee

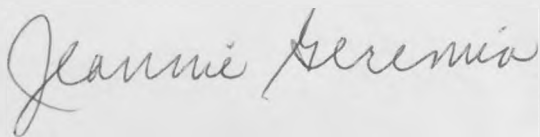
February 17, 2013

Dear Community Gardens Grant Recipient:

The Community Gardens Committee of the Garden Club of New Jersey, Inc. is pleased to present you with this Specialty Crop Block Grant award for your Community Garden, garden restoration, or garden education project. It is hoped that this grant will foster an awareness and appreciation of locally grown fruits, vegetables, floriculture and horticulture products, especially those certified as Jersey Fresh or Jersey Grown.

Enclosed with the check is a form for a required follow-up report, due September 15th of this year, to document the use of the grant money. The form is also available on the GCNJ web-site, www.gardenclubofnewjersey.com – select Community Gardens from the menu and scroll to the bottom of that page.

Sincerely,

A handwritten signature in cursive script that reads "Jeannie Geremia". The signature is written in dark ink and is enclosed within a thin rectangular border.

Jeannie Geremia
GCNJ Community Gardens Committee Chairperson



COMMUNITY GARDENS GRANT APPLICATION

I. NAME of PROJECT Butterfly Garden within Shadowlawn Pocket Park
Westfield, NJ + Blue Star Memorial

II. AMOUNT REQUESTED \$ 1,000 Date Jan 28, 2013

Name of Applicant (sponsoring GCNJ Member Club) The Rake and Hoe Garden Club, Inc.
of Westfield

Authorizing Official of Applicant GCNJ Member Club Elizabeth Siano, Treasurer

Name of Project Director: Beth Siano
 (Responsible for oversight of project and submission of final financial and activities report)

Phone 908-233-4150 e-mail elizabeth.siano@gmail.com

III. PROPOSED PROJECT.

Type of Project: Circle one or more.

- ☒ restoration of public gardens damaged by superstorm Sandy
- ☒ improvement or expansion of an established publicly accessible community garden
 - startup of a publicly accessible community garden
 - education of youth to grow and appreciate fresh-grown produce
 - conducting a public garden education day
 - developing a program to work with local farms, supermarkets, farmers' markets, civic organizations, or nurseries for public promotion of nutritional, taste, and health benefits of growing/consuming freshly harvested foods
 - conducting training or education available to the public in horticulture/agriculture related topics

Project Goals: Circle one or more.

- ☒ repair of damage caused by superstorm Sandy to public gardens and other public sites
- ☒ garden education of all age groups in growing specialty crops: fruits, vegetables, floriculture
- ☒ garden education of school and youth groups
 - offering urban dwellers an opportunity to grow or access fresh, unprocessed, healthful food.

Project Goals (cont'd.):

- growing fresh food for distribution to food banks and the needy
- promoting NJ Agriculture & NJ Dept. of Agriculture's "Jersey Fresh"/"Jersey Grown" programs

List Communities/Municipalities to be served by project: by type (e.g. urban, suburban, rural); population size; average income level; other pertinent characteristics.

Suburban - Westfield, NJ ; population 30,500;
average income \$63,000

Project Partners: List all organizations assisting Sponsoring Club: _____

Rake & Hoe Youth, Girl Scouts

Number of Volunteers available to work on the project. 20 adults, 12 youth

Local Need for Project: In this space describe how project will benefit your community.

The butterfly garden plot will be part of the renovation effort
prompted by damage from Sandy. It will also have
educational value as a demonstration of floraculture
promoting a habitat for butterflies and bees.

Budget : Attach a separate budget (Attachment A) of expected expenses for project completion. Copies of receipts for items listed in Attachment A will need to be submitted in a Project Report by September 15th of the year funds are disbursed.

- Include reasons for top 10 purchases required and their expected costs.
 - Include any expected payments for labor or professional costs, including credentials of planned hires if known in advance. NOTE that speaker fees for club programs are ineligible.
 - List any other funding sources available (e.g. other grants, matching funds, community or municipal donations, usage fees, food sales, etc.). Annual maintenance funds allocated by RRI
 - Previous spending on this project in the last two years? NO X If YES _____ explain with sources in the budget attachment). There is ongoing expenditure for the park & Blue Star Memorial (\$1,500 in past 2 years. However, butterfly garden is new project without prior funding.
- Official (if other than Project Director) responsible for oversight of budget and reports:

Name _____

Phone _____ e-mail _____

Planned 2013 Project Work Plan with Timeline Attach a month by month timeline (Attachment B)
for work necessary to complete project.

IV. ADDITIONAL REQUIREMENTS FOR COMMUNITY GARDEN APPLICATIONS

1. Type of Community Garden Project Planned

- run by publicly elected committee with or without plots open to public use at no charge
- run by publicly elected committee with plots open to public use for annual fee
- club-run with standing rules
- school-run with standing rules. Name school and contact.
- ☒ organization-run. Name organization and contacts. The Rake & Hoe Garden Club, Inc.
of Westfield
Gayle Lechner, Pres., Jill Siteer, Shadowlawn Chair, Alice Cowell, Youth Cha
908-232-8730 908-233-0415 908-518-1602
- identify specially targeted participants:
 - ☒ local community
 - ☐ the needy
 - ☐ local food banks
 - ☐ special needs persons
 - ☐ deaf, blind persons
 - ☐ handicapped persons
 - ☒ youth

Elizabeth Siano, Treasurer
908-233-4150

Diana Kazazis, Publicity
908-654-8783

note that the area is wheel chair accessible

2. Location and Size of Community Garden

- address of Community/Public Garden: Rahway Ave & Shadowlawn Dr
Westfield, NJ 07090
- size of Community/Public Garden in square feet: 10,483 sf
- number of plots ready to plant, if applicable: approx 600sf to be allocated to
butterfly garden
- number of current users/visitors: open public space used by students from nearby
high & middle schools and by local residents. site also viewed by people
walking or driving on Rahway Ave, a major thoroughfare.
- expected number of new users in 2013: Butterfly garden expected to attract butterfly enthusiasts & children
- If this is an existing garden when was it first established? Rake & Hoe took over
garden design & planting 1988. Butterfly garden plot is new.
- Attach any photographs and site plans (may be drawings on grid paper) as Attachment C.
Photographs of the site before and after the work was performed will be required in a Project Report to be submitted by September 15th of the year the funds are distributed.

3. Ownership of the Site where Community Garden is or will be planted.

Who owns the land? Circle one: state; county; municipality; private parties; sponsoring club; school; other.

- Name and address of owner Town of Westfield 425 E Broad St. Westfield, NJ 07091
Dept of Works 959 North Ave West Westfield NJ 07090
- How is right to use property conveyed to Community Garden sponsors? See attached email from Jim Gilda,
Town of Westfield,

3. Ownership of the Site (cont'd.)

- What assurances are there for continued use of site as a Community/Public Garden? _____

By oral agreement Rake & Hoe has supported the garden
at this location since 1998 while the Town continues basic
maintenance services.

- Attach any supporting materials conveying right to use the property such as copies of lease, permission letters from owner, municipal council minutes, etc. (Attachment D).

See attached letter from James Gilder,
Town Administrator.

V. AUTHORIZING AGREEMENT

The Applicant further agrees to indemnify and hold the Garden Club of New Jersey harmless against any and all claims which may be brought against it by or on behalf of the government authority granting the funds to which this Application applies, including, but not limited to, the completion of any reporting requirements or repayment of this grant.

Authorized Signature Elizabeth M. Siano, Treasurer
Date January 28, 2013

ATTACHMENT A: BUDGET

Itemize expenditure estimates for project completion. Column 3, "Actual Expenses," can be blank in the Grant Application. It will have to be completed later in a Project Report to be submitted by September 15th of the year the funds are received. Receipts for expenditures will also have to be submitted in the Project Report.

Expense item	Estimated	Actual
Bush/small tree		
Spice bush	\$40	
Buddleia	\$25	
Chokecherry	\$20	
Pepperbush	\$30	
TOTAL	\$115	
Perennials		
Joe Pye weed	\$40	
Coreopsis	\$36	
Coneflower	\$36	
Milkweed	\$33	
Verbena	\$33	
TOTAL	\$178	
Seeds		
Pearly Everlasting		
Parsley		
Oregano		
TOTAL	\$7	
Mulch		
20 bags of 2 cu. ft.	\$100	
Labor		
Removal of stump		
Removal of chips from bed		
Replacement of fresh topsoil	\$500	
Contingency		
Provide funding support for new Sprinkler heads in the area OR 10% contingency for plant purchase	\$100	
TOTAL	\$1000	

Detail for Plants in Budget, Attachment A

Plant Name	Growth habit	Soil/ Sun Conditions	Water Conditions	Bloom Time	Why we include
Spicebush <i>Lindera benzoin</i>	5-8' tall, wider bush, male and female for berries	Partial sun to light shade, average	Average moisture	Early grn/ yellow spring but showy yellow fall foliage	Host plant for caterpillars
'Black Knight' and 'Royal Red' Butterfly bush <i>Buddleia davidii</i>	6-8ft. tall and wide bush, Long panicles of fragrant flowers	Full sun to part sun	Drought tolerant but like some moisture	Summer into Fall, dark purple and red	Nectar plant for mature butterfly, hardy
Chokecherry <i>Prunus virginiana</i>	Small tree to 15' when mature	Tolerant of shade	Wet to dry	Late spring white flowers, fall reddish	Host plant for caterpillars
Pepperbush <i>Clethra alnifolia</i>	4-5' tall, 3-6' wide, spiked flowers, fast growing bush	Full sun to part shade, pH to acidic	Like moist, Tolerate wet conditions	July pink flowers, fall yellow/orange	Nectar plant for mature butterfly, no pests or diseases
Joe pye weed "Baby Joe" <i>Eupatorium dubium</i>	24-30" tall Perennial	Full sun, loamy soil	Like moist	Late summer to fall, purple to pink	Nectar plant for mature butterfly,
Coreopsis 'Zagreb' <i>Coreopsis verticillata</i>	1-3' tall spread 1-3' wide Perennial	Full sun to part shade, dry, rocky, poor soil	Dry to medium	May to June yellow	Nectar plant for mature butterfly,
Swamp milkweed <i>Asclepias incarnata</i>	3-5' tall perennial	Full sun to part shade, Heavy damp	Moist or even wet	Early to mid-summer pink	Nectar plant for mature butterfly and host plant for caterpillars
Verbena <i>Verbena canadensis</i>	Low growing perennial	Average to poor soil/Full sun to light shade	Average to dry	Spring to frost pink flowers	Nectar plant for mature butterfly,
Pearly everlasting <i>Anaphalis margaritacea</i>	12-18" tall	Full sun to light shade, average to poor soil	Average to dry	Mid-summer to fall white	Seed project for youth, host plant for caterpillars, good for dried flower projects
Purple Coneflower <i>Echinacea purpurea</i>	2-5' stems, drooping radial flowers	Sun to part shade	Drought tolerant	April to Sept. pink to purple	Nectar plant for mature butterfly, long lasting flowers, seeds for goldfinches in fall
Oregano and Parsley					Host plant for caterpillars, seed project for youth

ATTACHMENT B: TIMELINE

Provide a month by month schedule of work necessary to complete the project. Add additional pages, if necessary

Month, Year	Activity	Manhours
January 2013	① Town of Westfield removes downed tree ② Submit grant application	10 hours
February 2013	③ Develop design & plant placement] 20 hours
March 2013	④ Youth program with local landscaper to discuss / finalize plans	
	⑤ Juniors project - start everlasting seeds for spring planting.	5 hours set-up + ongoing watering at home
April - May 2013	⑥ Obtain plants	6-10 hours
	⑦ Complete soil additions and amendments / root removal	TBD
	⑧ Planting prep, planting mulching — project to be completed by high school & intermediate R+H youth with assistance by Community Garden & Youth committee members.	40-50 hours
June 2013	⑨ Water, weeding maintenance	10-15 hours
Ongoing	Water, weeding, maintenance	

ATTACHMENT C: Photos, Drawings

Attach here any photos, drawings, or site plans which demonstrate the size, shape, location of the project. Add additional pages if necessary. Photographs of the site before and after the work was performed will be required in a Project Report to be submitted by September 15th of the year the funds are received..

See attached.



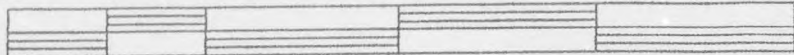
Giant tree down across path. Opens space for
Butterfly Garden.



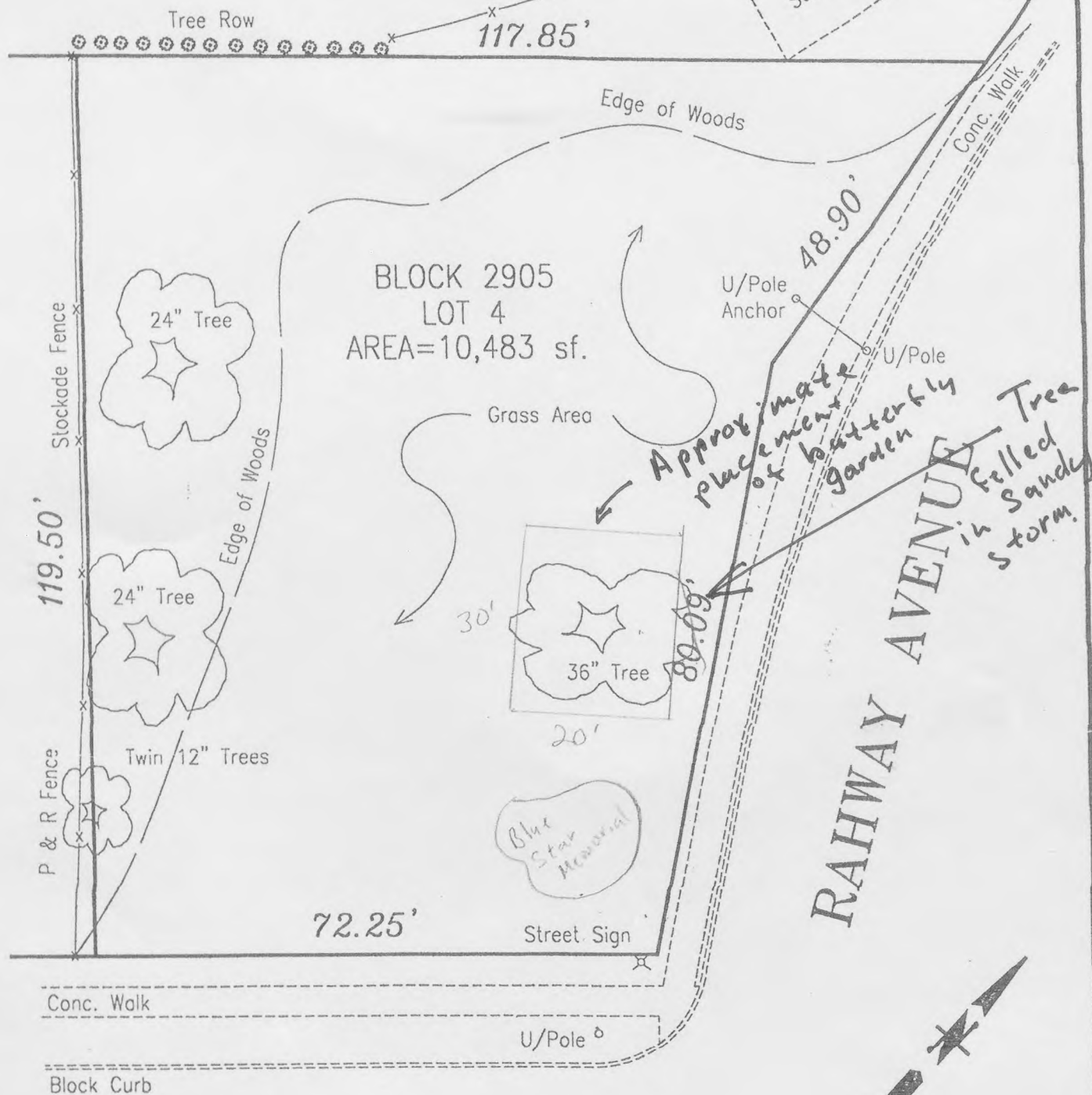
Our Blue Star Memorial was missed.



20 10 0 20 40 60



SCALE IN FEET



SHADOWLAWN DRIVE

SURVEY OF TOWN PROPERTY
BLOCK 2905 LOT 4

TOWN OF WESTFIELD
DEPT. OF PUBLIC WORKS

Prepared By: P.D.H. Date: 6/8/98 Job #: 98011

989 NORTH AVE. WEST, WESTFIELD, N.J. 07090

Town Engineer, Kenneth B. Marsh, NJPE 18767

ENGINEERING DEPARTMENT

ATTACHMENT D: Documentation of Right to Use Property

Attach here any materials such as lease copies, permission letters from property owners, municipal council minutes, etc. which convey the right to use the property for the intended project.

See attached.

01

From: "Jim Gildea" <administrator@westfieldnj.gov>
Date: January 25, 2013 4:07:44 PM EST
To: "'Diana Kazazis'" <diana.kazazis@gmail.com>
Subject: RE: Shadowlawn garden

Diana,

Nice to hear from you and Happy New Year to you as well. Thank you for your email and we were happy to clean up the tree. It was a shame that it came down during the storm as it was a beautiful old tree but these things happen.

The Town thanks you for the proposal and the I am pleased to authorize The Rake & Hoe Club Garden Club to install a Butterfly Garden in the Blue Star Memorial Park at the corner of Shadowlawn and Rahway. Thank you and feel free to contact me if you need anything else.

Jim

James H. Gildea
Town Administrator
Town of Westfield
425 East Broad Street
Westfield, New Jersey 07090
Phone (908) 789-4041
Fax (908) 233-3077

Host Plants

Butterfly gardening involves planning your garden to attract, retain, and encourage butterfly populations. A sample garden plan is shown in Figure 1, and a list of host plants is given in [Table 3](#) and [Table 4](#). Flowers of similar colors grouped together are more attractive to both butterflies and the gardener.

You should select a variety of nectar-producing plants with the aim of providing flowers in bloom throughout the season. This will entice a continuous succession of new visitors to a yard. It is especially important to have flowers in mid to late summer, when most butterflies are active. Flowers with multiple florets that produce abundant nectar are ideal.

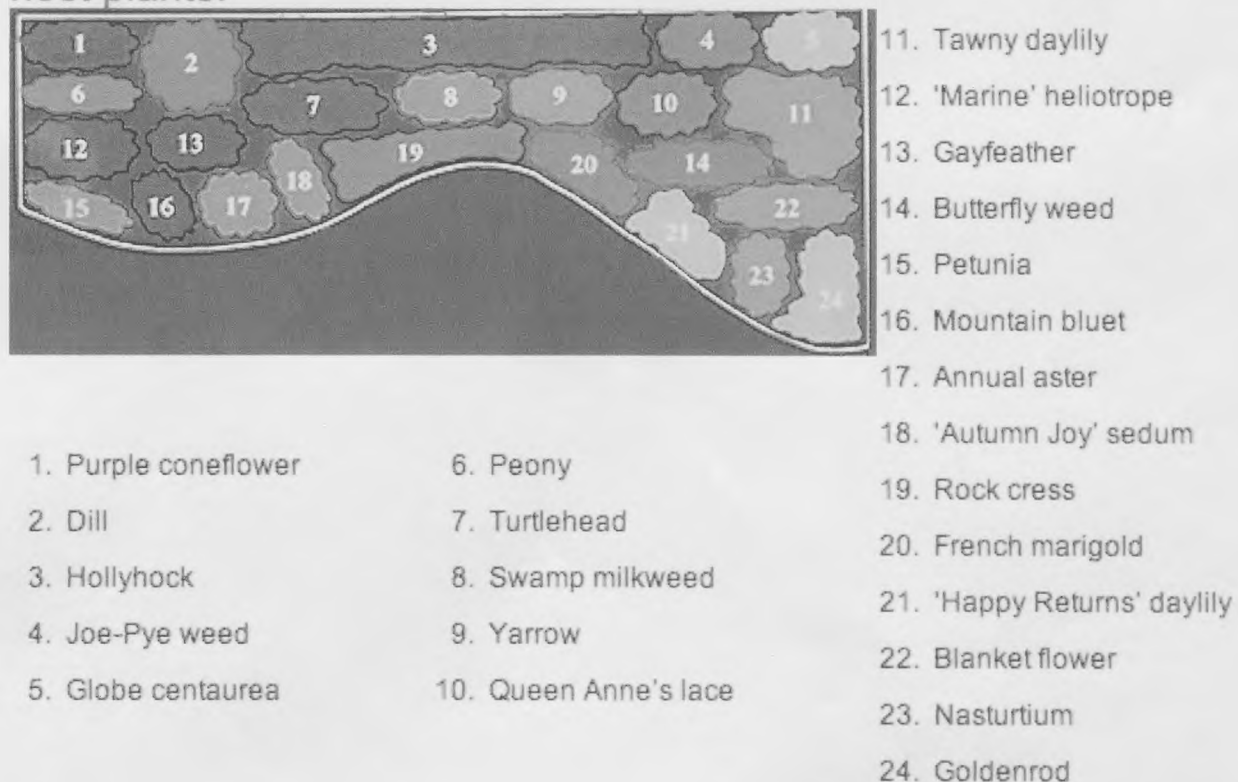
Annuals are wonderful butterfly plants because they bloom continuously through the season, providing a steady supply of nectar. Perennial plants, such as coneflowers, lilac, butterfly weed, and asters, are visited regularly by butterflies. Most plants in the mint family are also good nectar sources for butterflies. Avoid double flowers because they are often bred for showiness, not nectar production.

You can supplement the garden's flower nectar with a home-made feeder. Made from an inverted baby food or other small jar, such a feeder can be attractive to butterflies. Drill a small hole in the center of the lid and plug it with cotton. Fill the jar with a solution of one part sugar (not honey) to nine parts water. Attach brightly-colored fabric petals to the lid to make the feeder more appealing to butterflies. Hang your feeder in a tree near your garden.

For successful butterfly gardening, you need to provide food for more than the adult butterflies. You need to provide for their caterpillar forms as well. Butterfly caterpillars have a limited host range (See [Table 2](#)). Most caterpillars feed on leaves; although some develop on the reproductive parts of flowers or seeds.

Some supposedly good butterfly plants might not attract butterflies in your garden. It may be that a particular plant is not the preferred larval food of local butterflies (see [Table 2](#) for preferred plants).

Figure 1. A sample butterfly border garden has a large variety of host plants.



THEME GARDENS

gions. The *Ceanothus* species are a spectacular plant for the West Coast, and 'Seaside' tea (*Ceanothus americanus*) will grow as far north as zone 5. *Buddleia glandulosa*, the yellow-flowered butterfly bush, requires a fairly mild climate, but a northern gardener I know grows it in pots on a porch. A good butterfly shrub for Florida and other very warm places is flame-of-wood (*Exochorda coccinea*). California gardeners are fond of the Anise Swallowtail, lots of the Sleepy Orange and the Cloud-hur, and cape plumbago for the Ma-

called *L. sellowiana*). Common lantana is an evergreen shrub in zones 8-10; in colder climates it is grown as an annual or pot plant and is anywhere from 1 to 3 feet tall. It stands erect and bears flowers in various shades, usually red or yellow, or mixtures of these colors. Trailing lantana, hardy only in tropical and subtropical climates, is a prostrate creeper with pinkish lavender flowers that is especially good in pots or hanging planters. For this garden, grow either species from started plants that you winter indoors, cutting back hard in fall and watering sparingly afterward. Obtain new plants from rooted cuttings.

prefer. Sow seeds directly in the garden as soon as the ground can be worked; they germinate slowly and only when the ground is fairly cool. The plants like moist, rich soil and will often self-sow, acting as biennials.



STOCK, COMMON. *Matthiola incana* 'Annua' hybrids. Plant the trysomic strain in hot climates, others in cooler regions. Common stocks grow 1-3 feet tall and bear showy spikes of usually double flowers in shades of pink, red and white. They prefer sun, fairly rich soil and plenty of moisture. Sow seeds in the ground in March or April; thin out the weaker (usually single-flowered) seedlings so that the plants are 10-12 inches apart. Plant in fall in regions of mild (essentially frost-free) winters for winter and spring bloom.

LIST

ERFLY EN

AND TENDER ENNIALS



SWEET. *Lobelia*. A purple variety best for this. 4-6 inches tall from late spring. Fragrant blossoms carpet. Easily sown in the early spring or late fall. Transplant gaps in the border for lush, recurrent self-sows.



Lobelia officinalis. 3-4 feet tall. It has hairy stems and bright blue flowers in late spring and summer. Sow

seeds directly in the garden in early spring and thin to at least a foot apart. Borage will often self-sow; you may also sow some seeds yourself in fall to produce a crop the following year. It will grow well in rather dry sandy soil, but a rich soil will produce more abundant bloom.



HELIOTROPE, COMMON. *Heliotropium arborescens*. Grows 1-2 feet tall, with huge clusters of small, richly fragrant flowers. Choose a purple shade. Likes rich soil and full sun. Sow seeds indoors in the winter for spring planting, or buy started plants and set out after the last frost.



LANTANA, COMMON. *Lantana camara*. Or trailing lantana (*L. montevidensis*, also



MARIGOLD. *Tagetes erecta* and other species. Any marigolds would look good in this garden, especially the showy yellow African marigolds, which grow as high as 3 feet. Sow seeds indoors, or in the garden after danger of frost; or buy started plants, setting about 1 foot apart.



NASTURTIUM. *Tropaeolum majus*. Choose a yellow variety such as 'Golden Gleam.' Sow seeds indoors in early spring or outdoors after danger of frost, thinning plants to 6-8 inches apart. Fill pots with soil that is dryish, sandy and rather poor in nitrogen.



PARSLEY. *Petroselinum hortense*. Plant any variety you

PERENNIALS



ASTER, NEW ENGLAND (*Aster novae-angliae*) OR **NEW YORK** (*A. novae-belgii*). Zones 5-9. Choose tall purple or blue shades of horticultural varieties or the native species. Most varieties grow 3-4 feet tall; stake as needed. Asters like plenty of sun and moisture. Bloom is in late summer and fall. To keep the clumps vigorous, divide in early spring, discarding the center of the clump and replanting the young shoots at the edges.

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BERGAMOT, WILD. *Monarda fistulosa*. To zone 3. This plant is similar to bee balm (*M. didyma*), but prefers a dry rather than a moist site and its flowers are lavender. It grows 3–4 feet tall and blooms in July and August. Collect seeds at the end of summer and plant immediately, or grow from clumps of roots, divided in spring. Bergamot spreads vigorously and sometimes needs to be contained by an underground barrier.



BUTTERFLY WEED. *Asclepias tuberosa*. Zones 3–9. Grows 2 feet tall and bears flat red-orange flower clusters from mid to late summer. Prefers slightly dry, sandy soil that is low in nitrogen. It is taprooted and, except when quite young, is extremely difficult to transplant. You may grow butterfly weed from seed, but it takes 4–5 years to produce plants mature enough to bloom. Even nursery-grown plants are slow to become bushy clumps. However, once established, with good drainage, they will grow large, last a long time and even self-sow, making them well worth the wait. New growth is slow to appear in the spring, so watch for it and don't dig the plants up by mistake.

CHIVES. *Allium schoenoprasum*. Zones 3–10. Chives grow a foot tall, with purple cloverlike heads of flowers in May and June, much visited by butterflies. Usually grown from started clumps, easily divided and planted in spring,



they benefit from division and their foliage often stays green all winter.



CLOVER, WHITE (DUTCH CLOVER). *Trifolium repens*. To zone 3. This common creeping clover forms a thick matlike lawn that does not need mowing. Flowers have a sweet fragrance. Sow seed in early spring or early fall, water as needed. Heavy fertilization should not be necessary. If the soil is acid apply a dressing of lime.



CONEFLOWER, PURPLE. *Echinacea purpurea*. Zones 3–10. Grows to 3 feet tall and bears flowers similar to those of black-eyed Susan (*Rudbeckia*), but are a striking purple with red-orange centers. July to September bloom. Plant 1½ feet apart and divide when crowded.



COREOPSIS (TICKSEED). *Coreopsis grandiflora* or *C.*

lanceolata. Zones 4–10. Grows to 2½ feet tall. Blooms bright yellow. Likes sun and well-drained soil. Spreads and self-sows readily. Divide in spring or fall.



DAY LILY. *Hemerocallis*. Zones 3–9. Day lilies come in shades of orange, yellow, red, pink, peach and maroon; any of these would look good in this garden. Heights range from 1½ feet up, with the flower stalks sometimes reaching 4 feet and taller. Blooming period varies according to the variety, from June to September. The plants are very easy to grow, but the clumps will become dense and require division every 4 years or so.



FALSE INDIGO. *Baptisia australis*. Zones 3–10. Grows 3–5 feet tall and bears bright blue flowers in June. Likes sun in cool climates, but prefers a little shade in warm ones. Starts off slowly, but establishes vigorous taproots and should not be moved. Can be grown from seeds or from young plants set out in spring.

GAS PLANT. *Dictamnus albus* (*D. fraxinella*). Zones 3–8. Grows 3 feet tall and bears flower spikes, usually rosy purple, in early summer. Like some other plants with unpleasant-smelling foliage, insects do not bother it, but butterflies will visit the fragrant



flowers. The flowers are said to produce a gas that can be ignited with a match on still evenings in hot weather. (The cut roots give off gas, too). Gas plant likes fairly rich soil and is best grown from nursery clumps. Give it 3–4 feet to spread, and leave it in place indefinitely.



HOLLYHOCK. *Alcea rosea* (*Althaea rosea*). Zones 3–10. The old-fashioned single varieties open themselves more invitingly to butterflies; I also simply prefer them, though they are less commonly available than the double or powderpuff varieties. Set out started plants 2 feet apart, and stake against summer storms. Easily grown from seed, they will often self-sow in your garden, though as perennials they are sometimes short-lived.



LOOSESTRIFE. *Lythrum salicaria*. Zones 3–9. The wild

form of this tall, spiky, purple-pink flower can be seen in marshes in summer in many parts of the United States. Cultivars range from 18 inches tall to 4-5 feet and are vigorous garden plants. They will often bloom from July to September. Set plants 1½ feet apart.



PEARLY EVERLASTING.

Anaphalis margaritacea. Zones 3-6. Pearly everlasting is a common North American wild flower. Like many plants that prefer a rather dry location, it has hairy leaves and stems to help it conserve moisture; this gives it a gray-white appearance. Its white flowers with yellow centers in summer are easily dried for winter bouquets. Set divisions about 1½ feet apart in well-drained soil. Plants or seeds can be obtained from some wild flower or perennial nurseries. Otherwise transplant from the wild in early spring, or grow from collected seeds sown in late summer.



SEDUM (STONECROP).

Sedum spectabile. To zone 3. Any of the showy sedums would look good here. This one bears large clusters of small pink flowers in August and September, has light green foliage and grows 2 feet tall. The red, late-blooming *S. telephium* 'Autumn Joy' would also be a good choice. Sedums have no stringent require-

ments, though they appreciate a well-drained soil. They do not need to be divided.



SNAKEROOT. *Cimicifuga racemosa*. Zones 3-9. In July and August, bears long, white fuzzy flower spikes that are gracefully curving. Usually grows to 6 feet tall. Prefers moist, rich, humus-filled soil. Plant 1½ feet apart; division rarely needed.

SHRUBS AND VINES



BUDDLEIA, FOUNTAIN.

Buddleia alternifolia 'Argentea'. Zones 5-10. This shrub can grow as tall as 12 feet, with an even greater spread. It is covered with long lavender spikes of bloom in late spring. It likes fairly rich soil and needs room for the branches to arch out. Prune only just after bloom, to encourage more flowers the following year.

BUTTERFLY BUSH, ORANGE-EYE.

Buddleia davidii. Zones 5-10. There are a number of species of *Buddleia*, many of them called butterfly bush, but in common parlance the name usually applies to varieties of *B. davidii*, a large shrub when grown in warm climates, but smaller in cool ones, where it often dies back in winter. Unlike *B. alternifolia*, it blooms on new wood in August in



shades of lavender, purple or pink, and should be cut back in early spring before blooming to encourage vigorous new growth.



CARYOPTERIS.

Caryopteris clandonensis. Zones 5-9. 'Heavenly Blue' and 'Blue Mist' are common varieties. A small shrub, about 3 feet tall, it bears misty bright blue flowers in late summer. It dies back in winter in cold climates, with no harm to the plant—in fact pruning out the dead wood in early spring will encourage bushiness and profuse flowering.



LILAC, COMMON.

Syringa vulgaris. Zones 2-7. Any of the French hybrids would do as well as the common lilac here. Prune after flowering to keep the plant from becoming too leggy, removing several crowded stems from near their bases and cutting off spent blooms. Dormant oil spray applied before the plant leafs out will combat lilac scale, and stems with borers should be

removed. But, as with this garden as a whole, it should not be sprayed with insecticides.



SPICEBUSH.

Lindera benzoin. Zones 4-9. This shrub, native to the eastern United States, is easy to grow and bears small, fragrant yellow flowers in early spring, before the plant leafs out. In fall its foliage changes to bright yellow. It has red berries. It can grow to 15 feet (usually 8 feet or so) and can be kept within bounds by pruning after blooming. Spicebush prefers moist woody soil rich in humus.



WISTERIA, JAPANESE.

Wisteria floribunda. To zone 4. This is the hardest wisteria and the most fragrant. It is a twining vine with long, elegant, dangling flower clusters in May, in shades of lavender and sometimes pink or white. Failure to bloom can often be cured by root pruning (making vertical cuts with a square spade in a circle a few feet from the base of the plant) and by pruning the ends of the plant after bloom, when bloom occurs. Fertilizing, especially with a fertilizer rich in phosphate, may also help.

Important



8/20/02

JAMES E. MCGREEVEY
GOVERNOR

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF REVENUE

JOHN E. MCCORMAC, CPA
STATE TREASURER

PO Box 628
Trenton NJ 08625-0628

In reply to:
Client Registration Bureau
PO Box 252
Trenton, NJ 08646-0252
609-384-6150

THE RAKE AND HOE GARDEN CLUB OF WES
444 MOUNTAIN AVE
WESTFIELD NJ 07090-3034

RE: 223-806-187/000 (Fed. EIN)

Dear Sir/Madam:

Congratulations! Your application for exemption from New Jersey sales and use tax has been approved. An Exempt Organization Certificate (Form ST-5) is enclosed. Please retain this unsigned original as part of your permanent records and make as many copies as needed to give to vendors for proof of exempt purchases.

The ST-5 exemption certificate grants your organization exemption from New Jersey sales and use tax on the organization's purchases of goods, meals, services, room occupancies and admissions that are directly related to the purposes of the organization, except purchases of energy and utility services. Also, your organization is exempt from collecting sales tax on occasional fundraising sales (except sales of motor vehicles) and on sales of donated goods made from a store in which at least 75% of the merchandise is donated and 75% of the workers are volunteers.

Please note that this exemption does not apply to regular (on-going) sales of taxable goods, meals, beverages and services. If your organization operates a catering business, restaurant, bar or similar business, or is a store or mail-order business, you must collect sales tax on taxable goods such as prepared foods, beverages, alcoholic and soft drinks, cigarettes and cigars.

If the name, address, purpose or operations of your organization change, you must notify the Client Registration Bureau in writing at P.O. Box 252, Trenton, NJ 08646-0252.

For more information on your exempt organization status, please call the Regulatory Services Branch of the Division of Taxation at (609) 292-5994.

Sincerely,

Robert J. Benco Jr., CPA
Chief, Client Registration Bureau

RJB:td
Enclosures

Please visit the Division of Revenue website at: <http://www.state.nj.us/treasury/revenue>

New Jersey is an Equal Opportunity Employer • Printed on Recycled and Recyclable Paper

Bills and receipts must show
exempt organization as purchaser.

State of New Jersey
DIVISION OF TAXATION
SALES AND USE TAX

Read instructions on bottom of form

* EXEMPT ORGANIZATION CERTIFICATE *
FORM ST-5

USED BY: THE RAKE AND HOE GARDEN CLUB OF WES
444 MOUNTAIN AVE
WESTFIELD NJ 07080-3084

EXEMPT ORGANIZATION NUMBER
223-806-187/000

Effective Date: 06/15/02

Date Issued: 08/20/02

Transaction Date:

(Name of Vendor)

undersigned certifies that the Division of Taxation has determined this organization is exempt from New Jersey Sales
Use Tax for this transaction; and this purchase is directly related to the purposes for which this organization was formed
is being purchased with the organization's funds.

Description of purchase:

Robert J. Thompson
DIRECTOR
DIVISION OF TAXATION

Carolynn C. Pulliam
(Signature of Officer or Trustee of the organization)
Carolynn C. Pulliam Treasurer
Name and Title of Officer (Please Print)

INSTRUCTIONS FOR EXEMPT ORGANIZATION: Form ST-5 is valid for exemption from sales and use tax on all
purchases (except energy and utility service), if the purchase is directly related to the organization's purposes and made with
organization (not personal) funds. Retain the original ST-5 (unsigned) in files, make copies and complete and sign them for
vendors. Notify the Division of changes in organization name, address or exempt status.

INSTRUCTIONS FOR VENDORS (AND EXEMPT ORGANIZATIONS): In general, a seller or lessor who accepts an
exemption certificate in "good faith" is relieved of liability for collection or payment of tax upon transactions covered by the
certificate. "Good faith" requirements include:

- The certificate must be an official certificate having the signature of a Director of the Division of Taxation (or a photocopy
of the certificate) and must have the organization's name, address and exempt organization number pre-printed by the
Division on the upper portion of the certificate, with no separate alterations.
- The certificate must be properly completed, dated, and signed by an officer of the organization.
- The vendor has no reason to believe that the purchase is a type not ordinarily used by the organization for its purposes.

Business transactions not supported by proper exemption certificates shall be deemed to be taxable. The vendor has the burden
proving that tax was not required. Bills or receipts must show the exempt organization as the purchaser. Payment
must be from the funds of the exempt organization. Certificates must be retained by the vendor for a period of not less
than four years from the date of the last sale covered by the certificate. Subordinate or affiliated organizations may not use
an exemption number assigned to the parent organization.

Additional Purchases - This certificate covers additional similar purchases by the same organization. Each sales slip or
invoice must show the organization's name and exempt organization number.

ST-5A PERMIT - This Exempt Organization Certificate (ST-5) also serves as an Exempt Organization Permit
(ST-5A) for the organization to which the certificate is issued.

The property on the corner of Rahway Ave. and Shadowlawn belongs to the town of Westfield. It was deemed unsuitable for building a home because it is too small and because of an underground conduit located there.

In 1998 Rake and Hoe was interested in planning a touch and scent garden at Mindowaskin Park. A council person asked us to take over and plan the garden at the Shadowlawn location rather than at Mindowaskin.

Jennifer Ryan, a young local professional landscape architect, and a Rake and Hoe member, was asked to do the plan. All were saddened when Jennifer died suddenly. Club members Linda Parker and Jeanne Monaghan and other members took over the planning of the park. A mason built the brick walk, providing underground piping for a sprinkler system. An irrigation company provided the system at their cost. A landscaper was hired to plant the first trees and shrubs.

Originally there was a border of cotoneasters along the sidewalk. They were removed in 1995 by the town at our request and grass was planted. The purpose was to reduce maintenance. The club planted the willow tree in the wet wilderness area.

The 2 wooden benches were donated by neighbors and by club members Michelle Healy and Mary Ellen O'Boyle. They were obtained through the Downtown Westfield Corporation.

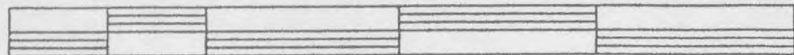
Since then, our club has planted and cared for the shrubs and garden with the help of the town who mows, rakes leaves and removes the debris that we sometimes generate. We call the DPW to request pick up as needed. They respond in a timely manner.

Over the years trees have been planted in memory of club members who have died. Not all the plants have survived. We have planted perennials and annuals, wooded, ground, and added a plaque on a large rock in the new Blue Star garden in memory our veterans. The memorial was dedicated at a ceremony in May 2002 attended by our garden club members and local politicians.

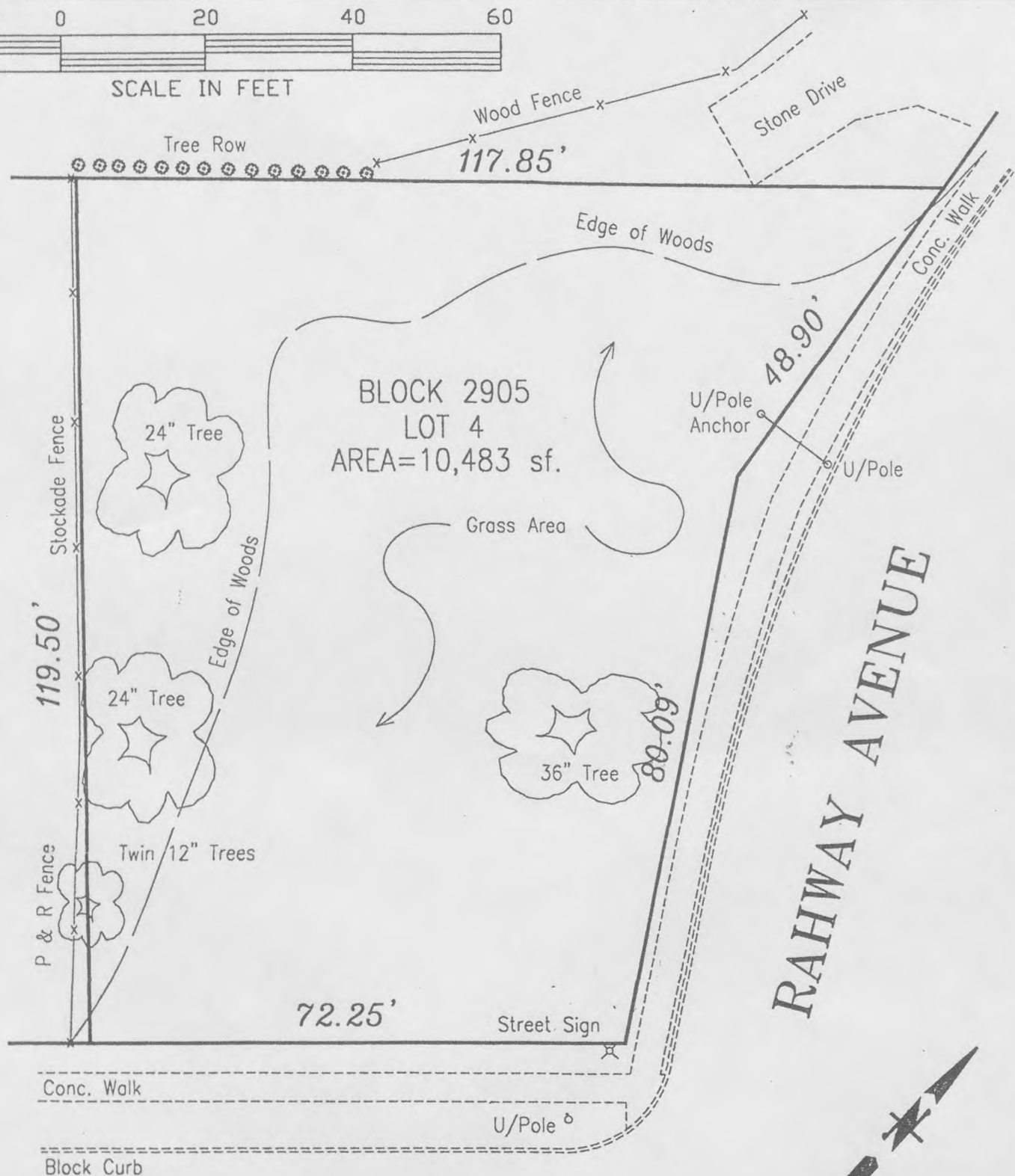
In October 2012 Hurricane Sandy blew over the huge, old maple tree at the center of the garden. The tree remained standing and filled in the hole left by the storm. One of the benches was destroyed.

Send grant info to Jill
98-99 sprinkler system

20 10 0 20 40 60



SCALE IN FEET



SHADOWLAWN DRIVE

SURVEY OF TOWN PROPERTY
BLOCK 2905 LOT 4

Prepared By: P.D.H. Date: 6/8/98 Job #: 98011

Town Engineer, Kenneth B. Marsh, NJPE 18767

TOWN OF WESTFIELD
DEPT. OF PUBLIC WORKS
959 NORTH AVE. WEST, WESTFIELD, N.J. 07090
ENGINEERING DEPARTMENT

Farm & Garden Supplies, Inc.
277 Central Avenue • Clark, NJ 07066
(732) 388-1581
Bulk Division (908) 654-1566

Tel. _____

DATE 6/19 20

SOLD TO Pake & hoe garden Club

ADDRESS _____

[illegible]

INTEREST CHARGE OF 2% PER MONTH ON BALANCE OVER
30 DAYS PAST DUE. 24% ANNUAL INTEREST RATE.

2935 Check

TERMS: CASH

Not included
in grant

Treasurer's use only:

check # 2935

\$ 69.75

Ck. Date 6/19

Rake & Hoe Garden Club, Inc.

Check request Voucher

Date: 6/19 Amount: 69.75

Payable to: Bartels

Address: _____

Committee: _____

List the purpose of this expenditure. Attach receipts to back

fencing - Butterfly Garden

Committee Chairman's signature of Approval:

Drana McKays
(required for payment)

THE GARDEN CLUB OF NEW JERSEY, INC.

A Charitable Corporation Organized under the Laws of the State of New Jersey



COMMUNITY GARDEN GRANT PROJECT REPORT

Recipients of the GCNJ Community Garden Grant must submit an accounting of the use of those funds by September 15 of the year the grant was made. Reports should be mailed to: GCNJ Community Garden Committee, c/o Jeannie Geremia 2 Greenwood Place, Flemington, NJ 08822

I. NAME of PROJECT Butterfly Garden within Shadowlawn Pocket
Park & Blue Star Memorial

II. AMOUNT REQUESTED \$ 1,000 Date Jan 28, 2013

Name of Applicant (sponsoring GCNJ Member Club) The Rake & Hoe Garden Club, Inc.
of Westfield

Authorizing Official of Applicant GCNJ Member Club Elizabeth Siano

Name of Project Director: Beth Siano
(Responsible for oversight of project and submission of final financial and activities report)

Phone 908-233-4150 e-mail elizabeth.siano@gmail.com

III. PROJECT FOR WHICH GRANT WAS USED

- a. Type of Project restoration of public garden damaged by superstorm Sandy
- b. Location of Project Rahway Ave Shadowlawn, Westfield, NJ 07090
- c. List Communities/Municipalities served by project:
Suburban - Westfield, NJ - population \$30,500

- d. Project Partners: List organizations assisting Sponsoring Club: Rake & Hoe Youth
- e. Number of Volunteers who worked on the project. 10 adults , 12 youth
- f. If project is a Community Garden, 1) how many plots were planted? _____
- 2) how many square feet or acres were planted? _____
- g. What were the chief benefits derived from the grant money? Habitat for butterflies and other pollinators; floraculture & natural habitat educational site; repair Superstorm Sandy damage.

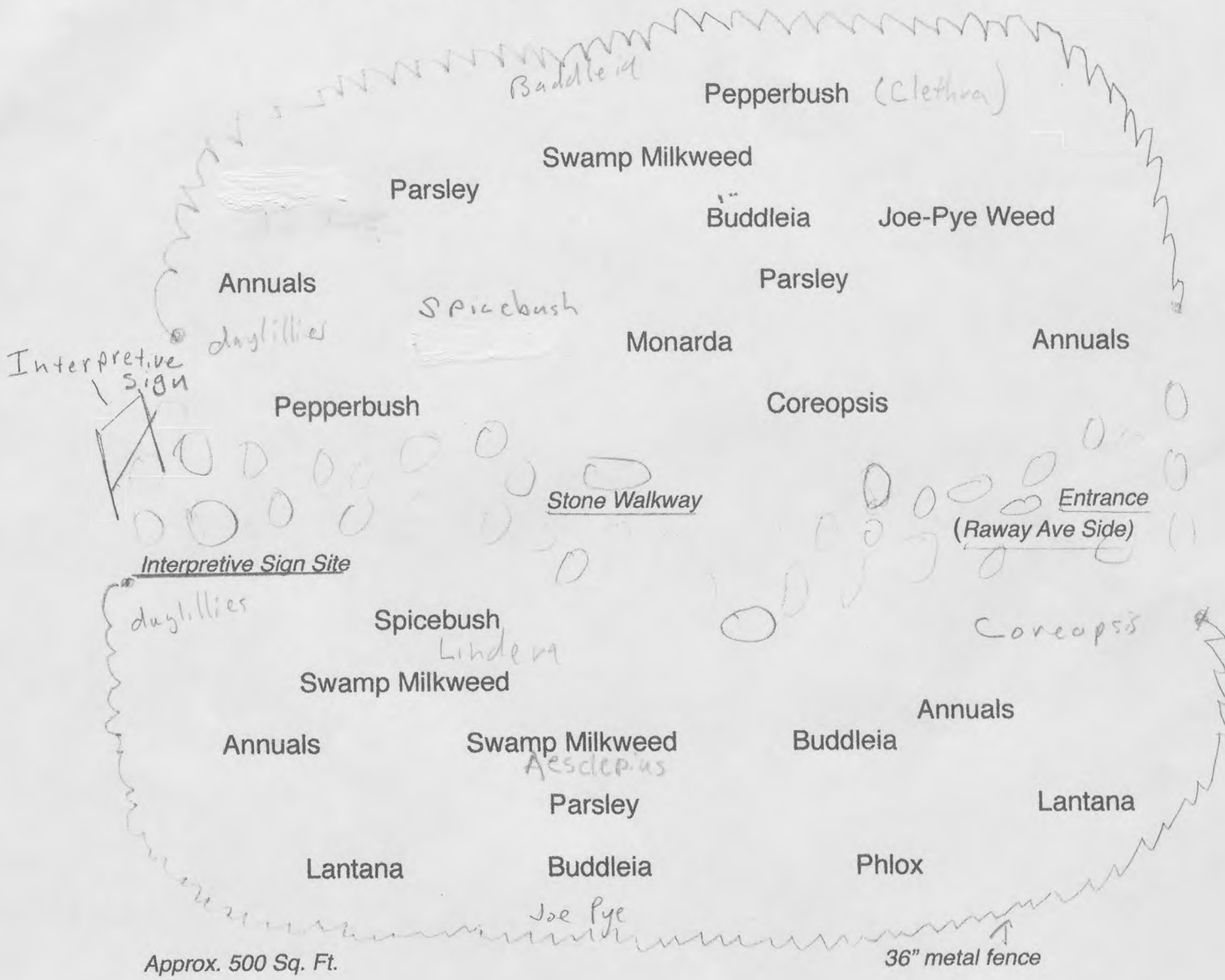
IV PROJECT ACCOUNTING.

Itemize expenditure estimates for project completion and attach receipts for each item.

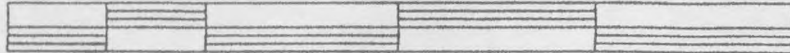
				Receipt totals
	Expense Item	Estimated	Actual	
1	Perennials & bushes	293.00	\$ 396.50	396.50
2	[Plants (+donations) 22.50] Soil amendment	500 labor/1	22.50 19.77	42.27
3	Soil prep & mulch	100.00	60.00	60.00
4	[Perennial Planting / fence]	100.00 Contingency	27.99 35.98	> 63.97
5	[Seeds Potting mix]	7.00 labor/soil	1.00 25.44	> 26.44
6	Soil amendment sand mushroom compost		24.00	24.00
7	[Fencing Soil amendment]	labor/soil	55.80 47.00	> 102.80
* 8	Plant markers - educational signage		56.75	56.75
* 9	Educational sign deposit		125.00	125.00
* 10	Educational sign final payment		115.75	115.75
				<u>\$1,013.48</u>
TOTAL		\$1,000	\$1,013.48	

* Westfield DPW removed stump & chips, reducing estimated labor expense so that funds were available for educational signage.

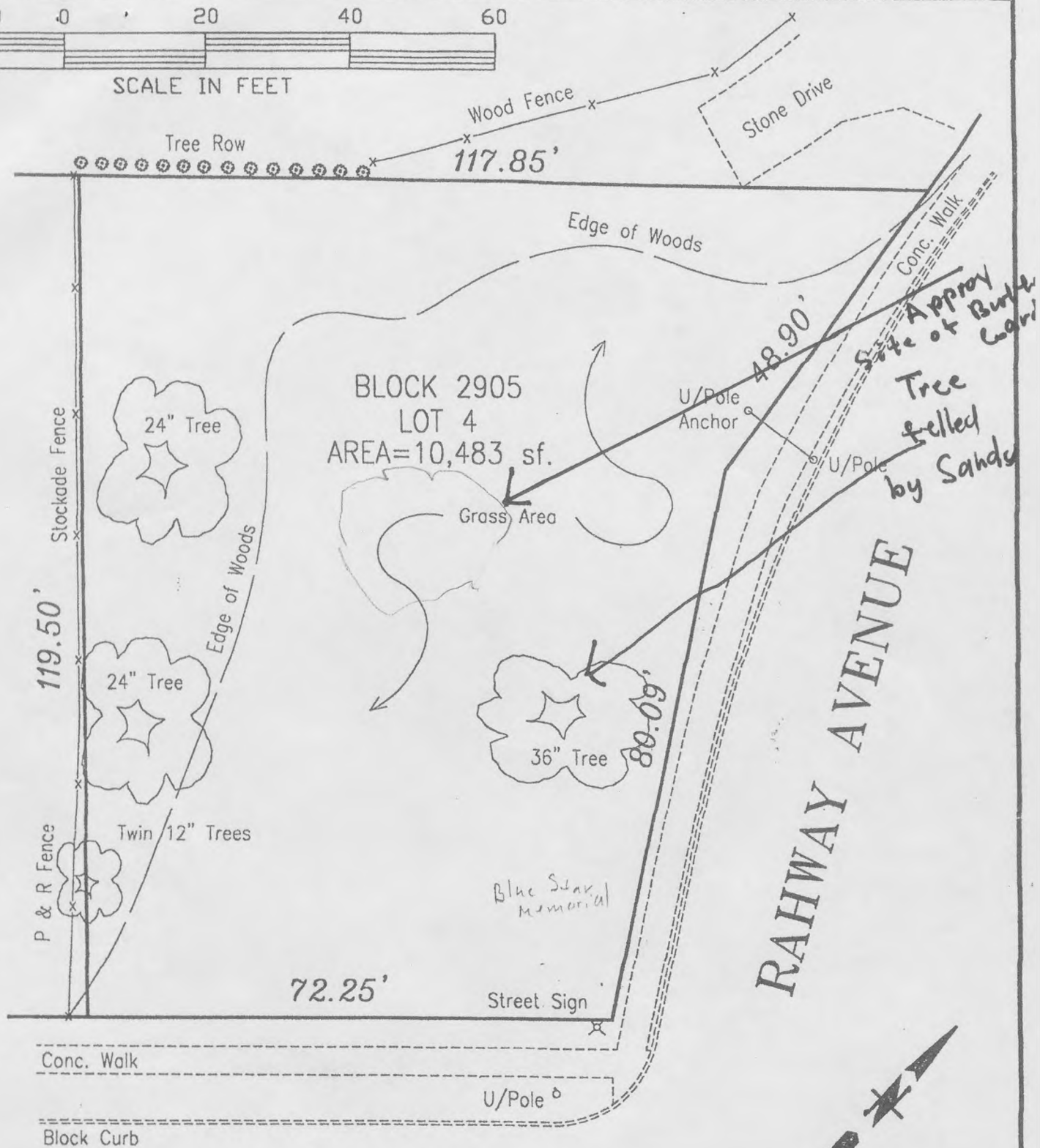
Plant Diagram for Shadowlawn Blue Star Butterfly Garden 2013



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SCALE IN FEET



SHADOWLAWN DRIVE

SURVEY OF TOWN PROPERTY
BLOCK 2905 LOT 4

Prepared By: P.D.H. Date: 6/8/98 Job #: 98011

Town Engineer, Kenneth B. Marsh, NJPE 18767

TOWN OF WESTFIELD
DEPT. OF PUBLIC WORKS

959 NORTH AVE. WEST, WESTFIELD, N.J. 07090

ENGINEERING DEPARTMENT

2013 Rake & Hoe Youth Butterfly Garden Project at Westfield, NJ Shadowlawn Park and Blue Star Memorial. Funding through Garden Club of NJ USDA Grant



1. Before: Tree felled by Sandy. 2. Working on garden layout.



3. Planting time. The older girls helped with the large perennials. Parsley for the caterpillars was grown from seed and planted in the garden.



4. After: Laying the garden path.



5. The garden in summer.

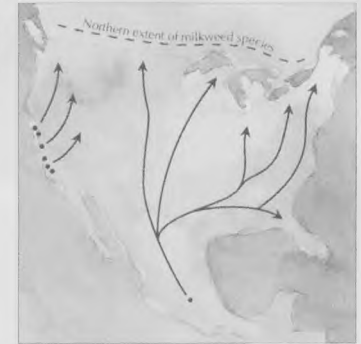


6. Rake and Hoe Youth workers take a break and learn more about butterflies.

7. Permanent educational sign.



Monarch butterflies lay eggs only on milkweed plants. They search for patches of milkweed that grow as far north as southern Canada.



- Monarch Overwintering Populations
- ← Spring and Summer Migration Paths

1) A female monarch butterfly lays an egg on milkweed.

2) After hatching, the caterpillar grows fat on milkweed leaves.

3) A caterpillar hangs and curls in preparation for making its green chrysalis.

4) Chrysalis

5) An adult monarch butterfly struggles to emerge from its chrysalis and the cycle begins again.

Monarch butterflies travel all the way from Mexico to Wisconsin every summer. This journey may take 3 or 4 generations. They come here seeking the native Common and Swamp Milkweeds, on which they feed, grow, and thrive.

The Monarch's life cycle (as seen on the left) takes 3 to 5 weeks to complete. None of these stages can withstand Wisconsin's winter, so the last Monarchs to emerge at summer's end must fly south to survive. They migrate to the Sierra Madre Mountains of Mexico. On their way, they find shelter in conifers, sustain their energy on flower nectar, and sip the morning dew. Breezes and thermal winds help them on their way. Upon reaching their destination in Mexico, they cluster by the thousands in humid fir forests, conserving their energy until spring.

Once the days lengthen and the air warms, this same generation of Monarchs begins its migration northward, breeding and laying eggs along the way. Several generations later, they reach Wisconsin, milkweeds, and the beginning of another summer in the North.

The Wonder of Monarch Migration

Art and Layout by Erica Fielder Studio. www.ericafielder-ecostudio.com



Treasurer's use only
check # 2912
\$ 396.50
Ck. Date 5/22/11

Rake & Hoe Garden Club, Inc.
Check request Voucher

Date: 5/11/13 Amount: 396.50

Payable to: Elizabeth Lane

Address: _____

Committee: Juniors

List the purpose of this expenditure. Attach receipts to back

Rutgers Garden plants
for juniors Butterfly
Garden at Shadrach

Committee Chairman's signature of Approval:

[Signature]
(required for payment)

RUTGERS GARDENS
112 RYDERS LN
NEW BRUNSWICK, NJ 08901
732 932 8451

**pring Flower Fair
2013**

112 Ryders Lane
New Brunswick, NJ 08901
732-932-8451
rutgersgardens.rutgers.edu

Merchant ID: 8006635632
Ver. ID: 00719400000000000000000000000000

Sale

XXXXXXXXXXXX4020
MASTERCARD

Entry Method: Swiped

Total: \$ 522.50

05/11/13

11:53:22

Inv #: 000039

Appr Code: 09685P

Apprvd: Online

Customer Copy

THANK YOU!

	Unit Price	Total
	\$14.00/ea. 3 or more \$12.00 ea.	
y	\$20.00/ea. 3 or more \$18.00 ea.	
	\$2.50 ea.	
pks)	\$15.00	
	\$4.00 ea. 6 or more \$3.50 ea.	
	\$5.00 ea. NO DISCOUNT	
	\$14.00 ea. NO DISCOUNT	

All 4" specialty Annuals priced as marked

	Vegetables/Herbs		
	Individual 4-pack	\$2.50 ea. NO DISCOUNT	
	2" Individual plants	\$2.00 ea. NO DISCOUNT	
	Silverleaf 2.5" Individual plants	\$3.00 ea. NO DISCOUNT	
	4" pot	\$4.00 ea. NO DISCOUNT	
	Grafted Tomato	\$7.50 ea. NO DISCOUNT	
1	5	40	40
1		15	15
6		18	108
3		12	36
2		38	76
3		10	30
4		18	72
2		30	60
1		35	35
1		32.50	32.50
1		18.00	18.00
		Sub Total	
		NJ Tax	5.26
		TOTAL	396.50

The sale is a benefit we offer to valued supporters of the Gardens. The plants sold today are true to name, healthy and vigorous when purchased. Due to the fund-raising nature of the sale, we can not guarantee the plant material.

Plants not
for butterfly garden \$126
Please use the back if necessary

396.50
Butter

Treasurer's use only
check # 2931
\$ 42.27
Ck. Date 6/5/2013

Rake & Hoe Garden Club, Inc.
Check request Voucher

Date: 6/5/2013 Amount: 42.27

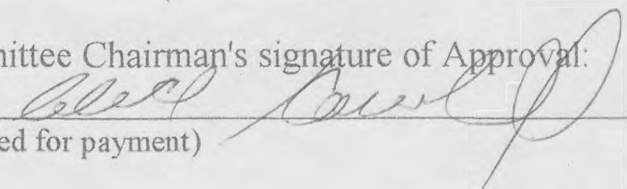
Payable to: Alice Cowell

Address: _____

Committee: Juniors

List the purpose of this expenditure. Attach receipts to back

Mushroom compost &
plants for Butterfly
Garden

Committee Chairman's signature of Approval:

(required for payment)

05/29/2013 10:22AM 06
000000#3369 CLERK06

	4 @	\$4.25
DEPT. 01		T1 \$17.00
	9 @	\$2.50
DEPT. 01		T1 \$22.50
MDSE ST		\$39.50
TAX1		\$2.77

ITEMS	13Q
ASH	\$42.27

Alics

Address _____

SOLD BY	CASH	C O D	CHARGE	ON ACCT	MOSE RETD	PAID OUT	
Quantity	DESCRIPTION			PRICE	AMOUNT		
4	Mushroom						
	Compost			425	17	00	
9	PETS Herbs						
	Annuals			250	22	50	
	Perennials						
					39	50	
					277		
14% Service Charge After 30 Days. Min 50¢ Per Mo.							
				TAX			
				TOTAL	42	27	

ALL claims and returned goods MUST be accompanied by this bill.

0014322

Rec'd by _____

Thank You

Form #NC-3401

Reorder from Avery Dennison (800) 543-6650

Treasurer's use on:
check # 2934
\$ 60.00
Ck. Date 4/19/11

Rake & Hoe Garden Club, Inc.
Check request Voucher

Date: 6/19/13 Amount: 60.00

Payable to: Amber's

Address: _____

Committee: Junior Butterfly Garden

List the purpose of this expenditure. Attach receipts to back

Mulch

Committee Chairman's signature of Approval:

Diana McKays
(required for payment)

Reorder from Avery Dennison (800) 543-6650

Parker Gardens
1325 Terrill Rd
Scotch Plains, NJ 07076
Phone: 908-322-5555
Fax: 908-322-4818
www.parkergardens.com

Ticket # 5034996 User: TERRANCE
Date: 06/27/2013 Slrpr: HOUSE
Time: 12:47 pm Station: 5

Item #	Qty	Price	Total
BUDBLCOB3G	1	27.99	27.99
BUTTERFLY 'BLUEBERRY COBBLER'			
S70 273860	1	27.99	27.99
OSMOCOTE OUT INDOOR PLANT FOOD			
G07 042410	1	7.99	7.99
FOLDING FENCE 24'' x 10' GREEN			

Sale Subtotal	63.97
Sale Sales Tax	0.00
Sale Total	63.97

Payments

Check 63.97

472450

WESTFIELD RAKE & HOE GARDEN CLUB
EAST BROAD AND MOUNTAIN AVENUE

No guarantee on discounted merchandise.



5034996

Total Savings This Visit: 16.00
Number of items purchased: 3

4

Treasurer's use only
check # 2942
\$ 63⁹⁷
Ck. Date 6/27/13

Rake & Hoe Garden Club, Inc.
Check request Voucher

Date: 6/27/2013 Amount: 63⁹⁷

Payable to: Parker's

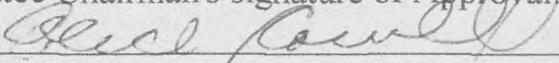
Address: _____

Committee: Juniors - Butterfly Garden

List the purpose of this expenditure. Attach receipts to back

Buddha
Osinoct
Folding Fence

Committee Chairman's signature of Approval


(required for payment)

Treasurer's use only
check # _____
\$ _____
Ck. Date _____

Rake & Hoe Garden Club, Inc.
Check request Voucher

Date: Nov. 20, 2013 Amount: \$ 301.74

Payable to: Elizabeth Siano

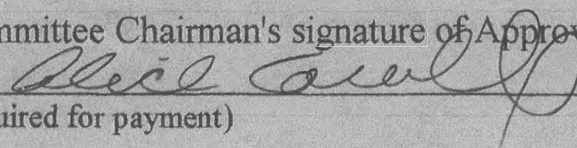
Address: 624 Clark St. Westfield, NJ

Committee: Juniors (Butterfly Garden)

List the purpose of this expenditure. Attach receipts to back

1. Potting soil & seeds (Home Depot)	26.44
2. Fence & compost (Bartell)	102.80
3. Plant markers (Garden markers con)	56.75
4. Educational sign (Art Dimensions)	115.75
	<u>301.74</u>

Committee Chairman's signature of Approval:


(required for payment)

note: original receipts were
submitted with grant



Shadowfax

Potting material for sale

More saving.
More doing.

200 SOUTH AVENUE, GARWOOD NJ 07027
STORE MGR TOM WCLFE (908)518-0011

6903 00004 69213 03/17/13 12:01 PM
CASHIER ROYCELYNN - RBI27N

032247507851 SCSEEDSTR80 <A>
 8 QT MG SEED STARTING POTTING MIX
 6@4.24 *used* 25.44
 017801444353 65WBR300C <A> 25.97
 FEIT 65W BR30 FLD 130 VOLT 12 PACK
 073561002653 EVERGREEN <A> -9.98
 MIRACLE-GRO EVERGREEN FERT SPIKES
 032076065287 LIQUID TAPE <A> -5.99
 40Z WHT LIQUID ELECTRICAL TAPE
 041530660845 VEG SEED <A> 1.00
 VMI PLN OR SNGL PARSLEY SEED
 032247272032 OSMCCOTE <A> 11.98
 OSMCCOTE OUTDCOR AND INDOOR 3LB
 0000-205-188 1L WALL BN <A> 49.97
 1LT BRUSHED NICKEL SWING ARM SCONCE
 070805620420 BIRD FOOD <A> 11.58
 WAGNER'S 8LB SONGBIRD SUPREME
 046677422158 PLC12WLED <A,S> 12.97
 E/O PLC 12.5W A19 2700K DIMMABLE LED
 885305004058 MASON JAR <A> 14.97
 SOLAR LED DECORATIVE MASON JAR

SUBTOTAL 169.85
 SALES TAX 11.89
 TOTAL \$181.74
 XXXXXXXXXXXX4020 MASTERCARD 181.74
 AUTH CODE 09419P/8043255 TA



6903 04 69213 03/17/2013 2731

RETURN POLICY DEFINITIONS
POLICY TO DAYS POLICY EXPIRES ON

\$26.44

Juniors
B fly garden

Farm & Garden Supplies, Inc.
277 Central Avenue • Clark, NJ 07066
(732) 388-1581
Bulk Division (908) 654-1566

TERMS: CASH

CUSTOMER COPY



Gardenmarkers.com

[View Cart](#) | [Checkout](#) | [My Account](#)

Gardenmarkers.com - Order Details

0 Item(s)

Order Summary

Order Status: Awaiting Payment
Payment information received.

Thank you for your order. We appreciate your business and hope you have a wonderful day.

Order # 101869 Placed Wednesday, October 23, 2013

Payment Information

ELIZABETH SIANO
MasterCard: xxxx-4020
amount: \$56.75

Elizabeth Siano
HOME
624 CLARK ST.
Westfield, NJ 07090
United States
908-233-4150

Shipping Address

Elizabeth Siano
HOME
624 CLARK ST.
Westfield, NJ 07090
United States
908-233-4150

Shipping Details

Shipping

Other order information

SKU	Description	Qty	Shipped	Price	Total
namep18	18in Open Top Nameplate	10	0	\$4.50	\$45.00
				Subtotal	\$45.00
				Shipping	\$11.00
				Tax	\$0.00
				Total	\$56.00

Shopping Cart Software by AmeriCart

Identification, Inc

WENSTONS CORPORA
US HWY 22 EAST
H PLA, NJ 07076
908-322-8488

D.: 088600
: 88014020655

RCARD
4020 EXP:* SWIPED

830 IHV: 000001
3, 13 15:05
001 AUTH: 08583P
WEBBBS081113

\$115.75

SIANO

EE TO PAY ABOVE TOTAL AMOUNT
ING TO CARD ISSUER AGREEMENT
IT AGREEMENT IF CREDIT VOUCHER

THANK YOU!
USE COME AGAIN!

CUSTOMER COPY

4 ground frame

Unit Price	Total
\$225.00	\$225.00

Subtotal \$225.00
Sales Tax \$15.75
Total Amt \$240.75
Balance Due \$240.75

Kindly note our exclusions: permits, variances, electrical work, removal and disposal. Sketch work presented is a guide, actual sign age, printing and color varies. Please check your order carefully all work is custom there are no refunds or returns.

Date:
Authorized by:
Recieved by:

REMITTANCE

Invoice No.: 10164
Customer Name: Alice Lowell
Date: 10/24/2013
Amount Enclosed: \$240.75

— 25.00
\$ 115.75

Invoice

Date: 10/24/2013
Invoice No.: 10164
Due Date: 11/23/2013
Ship By: 0

Ship To:
1417 Orchard Street
Mountainside NJ

Bal \$115.75

Treasurer's use only

check # _____

\$ _____

Ck. Date _____

Rake & Hoe Garden Club, Inc.

Check request Voucher

Date: 11/20/2013 Amount: \$149.00

Payable to: Alice Cowell

Address: _____

Committee: Juniors (Butterfly Garden)

List the purpose of this expenditure. Attach receipts to back

1. Soil amendment	24.00
2. Sign - Art Dimension	125.00
(Deposit, 1st payment) . . .	
	<u>149.00</u>

Committee Chairman's signature of Approval:

Alice Cowell
(required for payment)

Farm & Garden Supplies, Inc.
277 Central Avenue • Clark, NJ 07066
(732) 388-1581
Bulk Division (908) 654-1566

DATE _____

20

SOLD TO**ADDRESS**[illegible]

INTEREST CHARGE OF 2% PER MONTH ON BALANCE OVER
30 DAYS PAST DUE. 24% ANNUAL INTEREST RATE.

25412

TERMS: CASH

BARTELL FARM AND GARDEN
277 CENTRAL AVENUE
CLARK NJ 07066
732-388-1581

10/28/2013
Merchant ID:
Device ID:
Terminal ID:

12:05::

XXXXXXXXXXXX00

25

PDX

CREDIT CARD
MC SALE

XXXXXXXXXXXXX3

CARD #
TRANS #
Batch #:
Approval Code:
TRANS ID:
Entry Method:
Approved:

20%

MDPAN33DD10

Sv

C

\$24⁰⁰

SALE AMOUNT

CUSTOMER COPY

Soil amendment
drainage

Complete customer information is required.

Last Name Alice Kocell
First Name _____
Address 1411 Buchanan Rd
Town/City Topsham, ME
State _____
Zip _____

Date 10/24/13
Cell _____
Phone 908 316-1005
Fax _____
Email _____
Website _____

Alice 9 Invoice

Description

Payment

Credit card# _____
Expiration date _____
CVV code _____
Billing address _____
Zip code _____

SubTotals \$ 225.00
Tax \$ 15.25

Total \$ 240.75
Deposit \$ 125.00

Balance Due \$ 115.75

Signature Alice Kocell
Your approval is required to proceed with the order.
Please review the order carefully. See store policies on the reverse side.

Art Dmensions Corp. 1998 US HWY 22 East, Scotch Plains NJ 07076 Ph 908-322-8488 Fx 908-322-8589

Shadowlawn Blue Star Butterfly Garden

Voucher Date	Check Date	Payment	Purpose	Invoice	Check #	Check Amount
May 11, 2013	May 22, 2013	Elizabeth Siano (Rutgers)	Plants	396.50	2912	396.50
Jun 5, 2013	Jun 5, 2013	Alice Cowell (Amberg's)	Compost & plants	42.27	2931	42.27
Jun 19, 2013	Jun 19, 2013	Amberg's	Mulch	60.00	2934	60.00
Jun 27, 2013	Jun 27, 2013	Parker's	Plants, Fertilizer	63.97	2942	63.97
		Elizabeth Siano (Home Depot)	soil seeds	26.44		
		Elizabeth Siano (Bartel's)	soil and fence	102.8		
		Elizabeth Siano (Gardenmarkers.com)	plant labels	56.75		
Nov 20 combined		Elizabeth Siano (Art Dimensions)	sign final payment	115.75		301.74
		Alice Cowell (Bartel's)	sand	24		
Nov 20 combined		Alice Cowell (Art Dimensions)	sign deposit	125		149.00
		TOTAL		1013.48		1013.48