

Memorandum

To: Middletown Sustainability Committee

From: Cindy Unangst, Staff Planner

Date: March 20, 2023

RE: **March Sustainability Committee meeting - Tuesday, March 21st in person and via Lifesize**

Time: March 21, 2023, 05:00 PM Eastern Time

Meeting link

<https://call.lifesizecloud.com/12429552>

Passcode

21769

Phone

United States:+1 (312) 584-2401

Meeting discussion items:

1. February meeting minutes approval
2. Green Lecture series with library – Karen Whitehair program – Why Pollinator Gardens Matter – another huge turnout!! Next up: Anna Twigg with DNR to talk about the 5M Trees initiative – Thurs., April 20th at 6:30pm
3. Little Seed Library – Kick-off for the 2023 Gardening series – Saturday, March 25th @ 10:30am – Seed Saving & Starting Seeds Indoors
4. Outreach sub-committee report – Door hangers advertising Green Expo and Arbor Day events
5. Green Expo – Saturday, April 22nd – 10am – 2pm – good response so far; still looking for a food truck
6. Pollinator demonstration gardens – Memorial Park garden plant theft replanting; Village of Foxfield eyebrow and circle planting – plants have been ordered – planting event on Saturday, May 6th beginning at 8am; pollinator garden care schedule on Sign Up Genius;
7. Compost project – compost bins available for purchase at municipal center; community compost bin stolen again from Memorial Park;
8. Tree plantings – tree planting maintenance/inventory schedule (see below); Ben Fritton tree planting offer; Arbor Day tree planting will be Friday, April 28th 1-3pm – 50 trees; ~43 residents signed up for free trees; MUCFC grant of \$1,000 will be awarded; Potomac Edison paying \$10 per tree for Arbor Day event and employees will volunteer; will also have volunteers from Qiagen and Matan companies;
9. Tree trails – Bethany, forestry board member, joined us to help with tree id on Cone Branch trail; still stumped on exact species of chestnut and hickory. New trees to add to Wiles Branch tree trail – white ash and black willow.
10. Tree City USA – Cindy submitted the Tree City annual report, as well as the Growth Award application

DRAFT Middletown Sustainability Committee Minutes

Time: February 21, 2023, 05:00 PM Eastern Time - 6:30 PM

Attendance: In person and via Lifesize: Cindy Unangst, Gene Fleeman, Pam McDonald, Guest-Lenora Grackin/Middletown librarian, Kevin Stottlemeyer, Lexi Sassi—attended meeting and is interested in joining the Green Team, Agnesanne Danchev, Ann Payne, Sean O’Keefe, Bill Spare.

Meeting minutes:

1. January meeting minutes approval with one edit needed from Cindy.
2. Little Seed Library – discussion with guest Lenora Grackin from Middletown Library. Lenora brought brochures about the Seed Library. Shared handouts: What is a seed library and how it works. Purpose is to encourage home gardening, create community and share results. They are only accepting open pollinated, heirloom, or organic seeds to be donated to the seed library. Will be posting a disclaimer as they cannot guarantee seeds. Will have vegetables, flowers, herbs, native plant seeds, tree seeds. March 25 will be kick-off of the seed library with a master gardener presenting about the benefits of seed saving. Partnering with the REED Center/Ben Friton throughout the year. Will have a booth at the Green Expo and will offer seed bomb making. The Green Team will post her events on our website. Lenora wondered about planting a native plant garden talk in May instead of September. Ann will contact Eda Marie about offering this program on May 13. Could she offer the talk on-site?
3. Green Lecture series with library (Ann) – Electrify Everything with Kathleen Rall and Barb Trader – huge turnout again!; Karen Whitehair program – Why Pollinator Gardens Matter - on March 11th at 1:00pm. Cindy shared the flyer and will send to Gene to be put on our website. Gene asked about following up with Jessica Elder about editing the video/audio from the Electrify Everything presentation.
4. Outreach sub-committee report – Pollinator protection yard signs or door-hangers. Team discussed volunteers to help distribute the door hangers. Volunteers from high school and maybe Girl Scouts to help distribute. Town WaterBill for April will have a whole flyer or one-page for Green Expo and Arbor Day tree planting event.
5. Green Expo – Saturday, April 22nd – sent out Save-the-Date email – good response so far; still looking for a food truck. Cindy is following up with vendors who have not replied. Will have some kid’s projects with MUMC and the Seed Library.
6. Bee City USA – Cindy submitted the annual report due at the end of the month. We have paid our fees for this year.
7. Pollinator demonstration gardens – Village of Foxfield eyebrow and circle planting; pollinator garden care and watering schedule. Discussion of the Foxfield native pollinator gardens and the NorthCreek order that Mark has organized resulted in the decision to schedule a Pollinator Co. meeting to review available plants from NorthCreek ASAP as plants can quickly be out of stock. Cindy shared Eda Marie’s plans and lists and then the committee can decide how to move forward. Existing non-native plants at the site will need to be removed and the ground prepped for planting. A lot still to coordinate. Cindy discussed the Sustainability teams budget—\$7,000 for the year. She needs to research expenses to date, but believes that most of the budget is available. Pam will coordinate the pollinator committee meeting and include Eda Marie. Cindy also discussed the proposed 55+ community landscaping plans and there are two perennials that need to be

GREEN LECTURE SERIES – Why Pollinator Gardens Matter
March 11, 2023

Name	Email	Address	How did you hear about program?
Sharon Murphy M. Ajott	—	636 Wilson Place 21702 Frederick, MD	Newspaper Frederick News Post 72 hrs
CECELIA REED	CECELIA REED50@GMAIL.COM	5915 PICNIC WOODS RD, JEFFERSON	FLYER
Peggy Bishop	peggybishop86@yahoo.com		for Girl Scouts
Jude Jerdsson	jjesq@oweb@yahoo.com	4102 Spring View Dr.	Jesserson Fred
Lillian KEENAN	LtKEENAN26@comcast.net	2209E Palace Green Terr. Fred MD 21702	Fred-News-Post
Linda Henry	lmhenry1314@yahoo.com	72 Victoria Sq. Fred. 21702	FNP
Catherine Wilhelmsen Rikki Tate	catherine.wilhelmsen@gmail.com Rikki5Tate@gmail.com	1616 Old National Pike	Middletown Sign + FNP Internet
Virginia Zetterberg	vazetterberg@comcast.net	2189 Bellemonte Ct Jefferson	Frederick News Post
Sheldon/Susan Gnatt	sgnatt@verizon.net	1039 W Market St. Frederick 21071	" " "
Mary Pat Green	patricki.green@comcast.net	2 Lombardy Dr Middletown	Library / Paper
Jonathan Rose	jonathanreale.rose@gmail.com	110 Ivy Hill Dr. Middletown	At recycling event this year
MARK ACIERNO	markptps2@gmail.com	Frederick	FNP
Nathan Pool	Nathan.pool15@gmail.com	5765 Glen Oaks Turn, New market	Facebook
Rebecca Kraft	rebecca_kraft@hotmail.com	617 Brunswick St. Brunswick MD	Facebook
RaeAnn Butler	raeann47@verizon.net	9052 Brookhaven Ct Frederick	newspaper
Barbara Roberta Bevington	barbpoff@gmail.com bevington.rob@comcast.net	103 Ali Dr	website

Post
Done

29 in attendance
 including Cindy, Pam,
 Genes, Ann, Agnes

Cindy Unangst

From: Gagne, Waneta <WGagne@FrederickCountyMD.gov>
Sent: Thursday, March 9, 2023 7:22 PM
To: Cindy Unangst
Cc: Ann Payne
Subject: April -July Green Talks at the Library

Cindy:

I am including here the April - August Green Talks we are having here at the Library for you to refer to.

I'm sorry for the delay, but I was waiting on confirmation from the Beekeepers.

Thursday April 20th, 6:30pm we are hosting Anna Twigg, Department of Natural Resources, to talk about the 5 Million Trees in Maryland Initiative.

Saturday May 20, at 1:00pm we are hosting Sara Gibson of the Frederick Beekeeping Association for Bees 101.

Wednesday June 7, at 2:00pm we are hosting Joi Vogin for a program about herb gardens for the kitchen.

Saturday July 15 at 1:00pm we host Paul Leisnham about Reducing Mosquito Populations

Hopefully this is a firm list....

Thanks for your support and interest.

Waneta

Seed Library

Borrow • Grow • Share

Middletown Branch Library

2023 Gardening Series

Saturday, March 25, 10:30 am
Seed Library Kick-off!
Seed Saving & Starting Seeds Indoors

Thursday, April 6, 6 pm
Introduction to Permaculture and the REED Center

Saturday, April 29, 2:00 pm
Preparing for a Successful Gardening Season

Saturday, June 3, 10:30 am
Composting
****at Fox Haven Farm**

Monday, June 12, 10 am
Forest Walk and Foraged Tea
****at Morningside Food Forest at the REED Center**

Saturday, June 24, 2 pm
The Perfect Tomato

Saturday, July 22, 2 pm
Natural Ways to Deal with Pests, Fungus, & Disease

Saturday, August 5, 10:30 am
Seed Harvesting and Saving

Saturday, August 26, 10:30 am
Canning, Preserving, & Fermenting

Saturday, September 23, 10:30 am
***Planning a Native Plant Garden for next Spring**

Saturday, October 28, 10:30 am
***Milkweed & Monarch Butterflies**

****To be confirmed***





A TREE CAN BE HEALING

Being surrounded by trees can lower blood pressure and stress levels. They can even improve some respiratory conditions.

**Everyone deserves the benefits of trees.
Help us plant more in our community.**

MIDDLETOWN ARBOR DAY TREE PLANTING EVENT

Volunteer to help plant 50 trees on town property.

FRIDAY, APRIL 28: 1:00-3:00 P.M.

EVENT LOCATION:

Near entrance to Foxfield off Hollow Rd.
Please park on Layla Dr.

FOR MORE INFORMATION CONTACT:

Cindy Unangst at 301-371-6171 or
cunangst@ci.middleton.md.us

LEARN MORE AT:

www.greenmiddleton.com

Created by the Arbor Day Foundation



In Partnership with



NATIVE PLANTS FEED OUR POLLINATORS

Pollinators--such as birds, bees, butterflies--are essential to producing much of our food supply. Did you know that they are in serious decline?

Our pollinators need native plants to thrive. Help us plant more in our community.

**Learn more by visiting the
MIDDLETOWN GREEN EXPO**

**SATURDAY, APRIL 22
10:00 A.M. - 2:00 P.M.**

EVENT LOCATION:

Memorial Park, Middletown, MD (Near the intersection of S. Church St. and Franklin St.)

FOR MORE INFORMATION CONTACT:

Cindy Unangst at 301-371-6171 or
cunangst@ci.middletown.md.us

www.greenmiddletown.com/pollinator-conservation



Town of Middletown			
Neighborhood/Streets	Volunteers needed:	Volunteers committed	Date to distribute
Glenbrook	6		
Foxfield			
Middletown Glen			
West Main St			
East Main St			
Cone Branch, Caroline and Woodmere			
East Green St.			
West Green St and Ifert and Jesserong			
Prospect St and Maple			
Broad St			
Larch and Lombardy, Linden, Pine and Locust Sts			
Walnut Pond and Franklin St.			
Jefferson St			
Boileau Court			
North Pointe			
Washington St. And Church St.			
Walnut and Koogles			
Eastern Circle			
Brookridge South: Knoll Side, Ivy Hill and Young Branch			
Creamery Row			

Middletown Green Expo 2023

April 22nd, 2023 – 10am-2pm
Memorial Park - 310 South Church Street, Middletown, MD 21769

The purpose of the Green Expo is to educate people of the importance of living a healthier, green lifestyle while reducing their environmental footprint.

The Green Expo seeks vendors/exhibitors who offer more sustainable choices or information about reducing the environmental footprint in the following areas:

- Yard and Garden - Chesapeake Bay Watershed friendly practices
- Energy, Conservation and Recycling
- Food & Agriculture - Local foods, Community supported agriculture
- Land Conservation
- Transportation
- Green Lifestyles and Recreation
- Education and Advocacy
- Sustainable Business Practices in the above areas
- Household Products and Practices





Middletown Green Expo Exhibitor Registration Form

Company/Organization Name: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Email Address: _____

Web Address: _____

Contact Person, phone and email address: _____

Contact on site at event if different from above, including cell phone number: _____

Please tell us about your display: _____

Vendors may start to set up at 9:00am. A vendor may set up earlier than 9am with prior approval from the Middletown Green Team. Vehicles will need to be out of the parking lot by 9:45am. The Expo is open to public from 10pm till 2pm, rain or shine.

Provide the following if applicable:

License type: _____ **License #:** _____

Middletown Green Expo Rules and Regulations

- **ALL** spaces will be assigned on a first come first serve basis.
- Exhibits are to be manned at all times.
- We reserve the right not to accept any exhibit including to avoid duplications to ensure variety and vendor success.
- You must provide us with a copy of your license to do business in Maryland if you plan on having items available for purchase by attendees.
 - Exhibitors must setup within their allotted space, and must provide their own tents, tables and chairs. Tents are recommended due to event being held rain or shine and must be weighted properly.
 - Display must be complete by 9:40am and remain intact until 2:00pm.
 - We do not allow generators and electricity will not be provided.

I _____, the Participant, acknowledge that the Town of Middletown is sponsoring an event known as Middletown Green Expo to be held on the following date: April 22, 2023, and that my participation in that event is wholly voluntary on my part and solely with the permission of the Town of Middletown. In consideration of the permission granted to me by the Town of Middletown authorizing my participation in this event, I hereby agree as follows:

I hereby agree that my participation in any and/or all Green Expo activities is undertaken by me at my sole risk. I agree that the Town of Middletown and its committees, officials, servants, agents, officers, employees, and volunteers shall not be liable to me, or to any one claiming through me, for any claims, demands, actions, or causes of action for any personal injury, death or property damage to me or my property which arises out of, is related to or is in any way connected with my participation in, attendance or presence at any of the Green Expo activities regardless of the nature of the activity. In connection therewith, I do further expressly and forever release and discharge The Town of Middletown, its committees, officials, servants, agents, officers, employees, and volunteers from any and all such claims, demands, actions, or causes of action for personal injury, death or property damage caused by, arising from or in any way related to, in whole or in part, acts of active or passive negligence on the part of the Town of Middletown, its committees, officials, servants, agents, officers, employees, and/or volunteers.

I do further agree to indemnify, defend and hold harmless the Town of Middletown and its committees, officials, servants, agents, officers, employees, and volunteers from any and all liability for personal injury, death or property damage caused by, arising from or in any way relating to my intentional acts, my active or passive negligence or my participation in the Middletown Green Expo or that of my employees, servants or agents.

Signature: _____

Printed Name: _____

Mail completed forms & applicable license copies to:

Town of Middletown
Green Expo
31 W. Main Street
Middletown, MD 21769

For Questions or more information:

Phone: 301-371-6171
Email: cunangst@ci.middletown.md.us



2022 GREEN EXPO SIGN-UP

Saturday, April 22nd

Time		Number of Volunteers Needed	Names
9:00am - 10am	Set-up	All hands on deck	
10am - Noon	Green Team info table	2	<hr/> <hr/>
10am - Noon	Pollinator Garden	2	<hr/> <hr/>
Noon - 2pm	Green Team info table	2	<hr/> <hr/>
Noon - 2pm	Pollinator Garden	2	<hr/> <hr/>
2pm-3pm	Clean-up	All hands on deck	

GREEN EXPO 2023 PARTICIPANTS

confirmed are highlighted

Vendor/Organization	Contact person	E-mail address
DNR - Scales and Tales program	Claudia Padilla	claudia.padilla@maryland.gov
Native Plant Apparel	John Maciolek	jmaciolek@nativeplantapparel.com
Frederick County forestry board	Sonia Demiray	sonia@demirayink.com
Master Gardeners	Cheryl Dehn	cheryldehn557@gmail.com
FredCo Recycling Outreach Program	Annmarie Creamer	recycle@frederickcountymd.gov
Fox Haven Organic Farm	Alecks Moss	alecks@foxhavenfarm.org
Potomac Edison - Res. Energy Effi. Program	Kelsey Brennan	Kelsey.Brennan@honeywell.com
MUMC preschool	Sarah Payne	sarah.w.payne@gmail.com
Sierra Club Catoclin Group	Patti Fredericks	Pattithrmnt1@aol.com
Green Team table	Cindy	
Craig Rosendale	musician	craigrosendale@gmail.com
Frederick Co. Beekeeping Association	Liz Baker	lizbaker99@hotmail.com
Lunch Out of Landfills table	Abby LaPadula	ablapadula@gmail.com
FredCo Division of Energy and Env.	Suzanne Cliber/Annmarie Creamer	scliber@FrederickCountyMD.gov
The Valley School	Kim Simmons	director@valleyplayschool.com
Munro Properties	Roger Munro	munroprop@comcast.net
Key City Compost	Phil Westcott	phil@keycompost.com
Multi-Faith Alliance of Climate Stewards	Linda Coyle	lkcoyle@yahoo.com
MACS/MUMC Creation Care Team	Linda Coyle	lkcoyle@yahoo.com
Mosquito Hunters	Roy Hill/Tani Hill	mh123@mosquitohunters.com
The REED Center	Toni Wilhelm	tonilw622@gmail.com
South Mountain MicroFARM	Mark and Billie Jo Sellers	south.mtn.microfarm@gmail.com
MD Ornithological Society	Bonnie Borsa/Don Hambright	bonborsa@comcast.net/donski16@comcast.net
Maryland Bluebird Society	Dana Grayson	graysons2005@comcast.net
Unitarian Universalist Cong. Of Frederick	Cheryl O'Brien	cherobrien@comcast.net
Middletown Library	Lenora Grackin	lgrackin@FrederickCountyMD.gov
Robotic lawn mowing company	Mike Macauley	mike.macauley@ymail.com
Electric Vehicle Assoc. of Greater DC	Ron Kaltenbaugh	rkaltenbaugh@mac.com

HAVE NOT HEARD FROM YET		
Lucy School	Victoria Brown/Christine Hancock	director@lucyschool.com
Clean Water Action - MD Chapter	Jennifer Kunze	jkunze@cleanwater.org
Neighborhood Sun	Zach Perkins	Zachary.Perkins@neighborhoodsun
Lions Club	Wendy Drum	-
Catoctin Creek Nature Center	Daniel Cook	dcook@frederickcountymd.gov
Naturalawn/Hav-A-Lawn and Garden	Roy Good	wecare@naturalawn.com
Zion Lutheran-Community Day of Service	Deb Reichelt	treasurer@zionmiddletown.org
Key Solar Solutions	Andy Rennie	Andrew.rennie@keysolarsolutions
Flickerwood Apiary	Kirsten Traynor	kirsten@mdbee.com
Seed of Life Nursery	Mike Dickson	solnurseries@gmail.com
National Science Teachers Association	Renee and Carmina Zambrana	czambrana@nsta.org
Spectrum Carpet and Upholstery	Angie Baker	hagerscrossing@aol.com
Sustainable Energy Systems	Ryan Nicholson	ryan@sustainableenergysystems
Gone in a Zip	Dan Laxton	dan@goneinazip.com
ReStore of Frederick	Dean Jacoby/Brenda Main	www.frederickrestore.org
The Sweet Farm	Rachel Armistead	rachel@thesweetfarm.com
Advanced Service AC & Heating	Beth Divel	advancedservice@comcast.net
Gone Native Landscapes LLC	Brad Motter	bmotter@aol.com
Central MD Audubon	Angela Moxley	armoxley@gmail.com
Whispering Meadows Alpaca Breeders	Lisa German	alpaca13959@gmail.com
Creation Care Team/Holy Family Catholic	Debbie Satorius	debbiesatorius@gmail.com
Open Book Farm	Andrew and Mary Kathryn Barnet	openbookfarm@gmail.com
Stream Link Education	Hedrick Belin	belin@potomac.org
The Coffee Spot	Tanya Sell	thecoffeespot2021@gmail.com
NOT ABLE TO PARTICIPATE 2023		
Zion Lutheran Church	Wendi Kishimoto	wendi@zionmiddletown.org
Glory Energy Solutions	Leah Crace-Jones	leah.jones@gloryenergysolutions.com



6960 Burkittsville Road • Middletown, MD 21769 • PH: 301-204-1521 • info@backyardbounty.net • www.backyardbounty.net

Client: Middletown Sustainability Committee

Date: January 18, 2023

RODERICK ISLAND PLANT LIST

Key to Environmental Benefits Provided by Plant

NP= Nectar or Pollinator Plant, HP= Host Plant, FW= Food for Wildlife, CW= Cover for Wildlife

Type	Scientific Name	Common Name	Size	Qty	Spacing	Ecological Benefits	Location
TREE	<i>Amelanchier laevis</i>	Serviceberry	10G	3	10' o/c	NP,FW,CW	Plant in Hypericum
PER.	<i>Amsonia tab. 'Storm Cloud'</i>	Blue star	1G	6	3' o/c	NP,FW,CW	2
PER.	<i>Aster ericoides 'Snow Flurry'</i>	Heath Aster	LP32	64	12" o/c	NP,HP,CW	1, 7, 5, 6
PER.	<i>Aster oblongifolius 'Raydon's Favorite'</i>	Aromatic aster	1G	3	2' o/c	NP,HP,CW	2
PER.	<i>Baptisia australis</i>	False Indigo	3QT	15	3' o/c	CW,NP,FW	4, 5
PER.	<i>Eupatorium hyssopifolium</i>	Hyssop Leaf Thoroughwort	1G	15	3' o/c	NP,HP,CW	4
PER.	<i>Geranium maculatum</i>	Wild Geranium	3QT	3	12" o/c	NP,HP,CW	1
PER.	<i>Monarda bradburiana</i>	Bee Balm	1G	15	2' o/c	CW,NP,FW	3
PER.	<i>Penstemon digitalis</i>	Beadtongue	3QT	24	18" o/c	NP, HP	7
PER.	<i>Pycnanthemum muticum</i>	Mountain Mint	1G	15	18" o/c	CW,NP,FW	1
PER.	<i>Sisyrinchium angustifolium</i>	Blue Eyed Grass	LP32	64	12" o/c	NP, HP	1
PER.	<i>Solidago sphacelata 'Golden Fleece'</i>	Goldenrod	1G	3	2' o/c	CW,NP,FW	4
GRASS	<i>Panicum virgatum</i>	Switch Grass	3QT	15	2' o/c	CW,FW,HP	4
GRASS	<i>Schizachyrium sco. 'Standing Ovation'</i>	Little Bluestem	1G	12	2' o/c	CW,NP,FW,HP	7
GC	<i>Salvia lyrata</i>	Lyre Leaf Sage	LP32	64	12" o/c	CW,NP	1, 7, 5, 6

SMITHFIELD CIRCLE PLANT LIST

Key to Environmental Benefits Provided by Plant

NP= Nectar or Pollinator Plant, HP= Host Plant, FW= Food for Wildlife, CW= Cover for Wildlife

Type	Scientific Name	Common Name	Size	Qty	Spacing	Ecological Benefits	Location
TREE	<i>Celtis occidentalis 'Prairie Sentinel'</i>	Hackberry	20G	1	25' o/c	FW,CW	Circle Center Option 1
TREE	<i>Liquidambar styraciflua 'Slender Silhouette'</i>	Sweet Gum	15G	1	4' o/c	CW,NP,FW,HP	Circle Center Option 2
TREE	<i>Quercus bicolor Beacon</i>	Fastigate Oak	20G	1	15' o/c	CW,FW,NP,HP	Circle Center Option 3
SHRUB	<i>Itea virginica</i>	Virginia Sweetspire	3G	3	3' o/c	CW,NP,FW	1
PER.	<i>Aster divaricatus</i>	White Wood Aster	1G	12	18" o/c	NP,HP,CW	2
PER.	<i>Erigeron 'Lynnhaven Carpet'</i>	Robins Plantain	LP32	32	2' o/c	NP,HP,CW	2
PER.	<i>Eupatorium dubium</i>	Joe Pye Weed	1G	1	3' o/c	NP,HP,CW	1
PER.	<i>Eupatorium hyssopifolium</i>	Hyssop Leaf Thoroughwort	1G	3	3' o/c	NP,HP,CW	1
PER.	<i>Liatris microcephala</i>	Blazing star	3QT	6	12" o/c	NP,CW	3,4
PER.	<i>Rudbeckia fulgida</i>	Black eyed Susan	3QT	6	24" o/c	NP, HP	3,4
PER.	<i>Solidago Fireworks</i>	Rough goldenrod	3QT	3	18" o/c	NP,HP,FW	1
PER.	<i>Vernonia glauca</i>	Upland ironweed	3QT	6	18" o/c	HP,NP	1
GRASS	<i>Schizachyrium scoparium</i>	Little Bluestem	3QT	15	2' o/c	CW,FW,HP	3,4
GC	<i>Aster ericoides 'Snow Flurry'</i>	Heath Aster	LP32	64	12" o/c	NP,HP,CW	3,4
GC	<i>Prunella vulgaris 'Magdalena' PPAF</i>	Self Heal	LP32	32	12" o/c	CW,NP	3,4

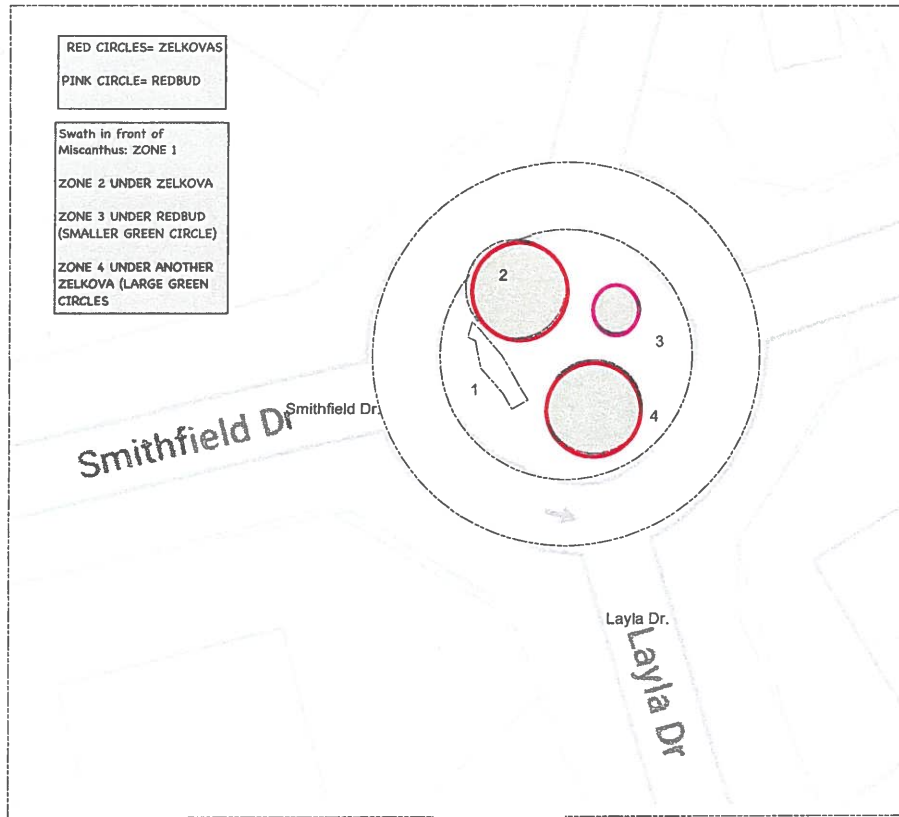
MHIC #05-132783



NOFA Certified Organic Landscape Services

RED CIRCLES= ZELKOVAS
 PINK CIRCLE= REDBUD

Swath in front of
 Miscanthus: ZONE 1
 ZONE 2 UNDER ZELKOVA
 ZONE 3 UNDER REDBUD
 (SMALLER GREEN CIRCLE)
 ZONE 4 UNDER ANOTHER
 ZELKOVA (LARGE GREEN
 CIRCLES



1 Smithfield Circle
 Scale: 1/8" = 1'-0"

- ZONE 1: 132 SQF
- ZONE 2: 10 SQFT
- ZONE 3: 10 SQFT
- ZONE 4: 45 SQFT

RED CIRCLES= ZELKOVAS
 GREEN HEXAGONS= PICEA



2 Rhoderick Island
 Scale: 1/8" = 1'-0"

- ZONE 1: 30 SQF
- ZONE 2: 48 SQFT
- ZONE 3: 96 SQFT
- ZONE 4: 180 SQFT
- ZONE 5: 45 SQFT
- ZONE 6: 25 SQFT
- ZONE 7: 132 SQFT

FOXFIELD COMMUNITY
 MIDDLETOWN, MD
 PLANTING PLAN
 9.30.2022



MONTHLY SUSTAINABILITY REPORT

START DATE: 2-01-2023

END DATE: 2-28-2023

Town of Middletown
313 S. Church St
Middletown, MD 21769



OFFSET EQUIVALENTS:



CO₂
EMISSIONS
FROM

14

GALLONS
OF GAS
CONSUMED



GREENHOUSE
GAS
FROM

323

MILES
DRIVEN
BY AN AVERAGE
PASSENGER VEHICLE



CARBON
SEQUESTERED
BY

2

TREE
SEEDLINGS
GROWN FOR
10 YEARS



CO₂
EMISSIONS
FROM

15,814

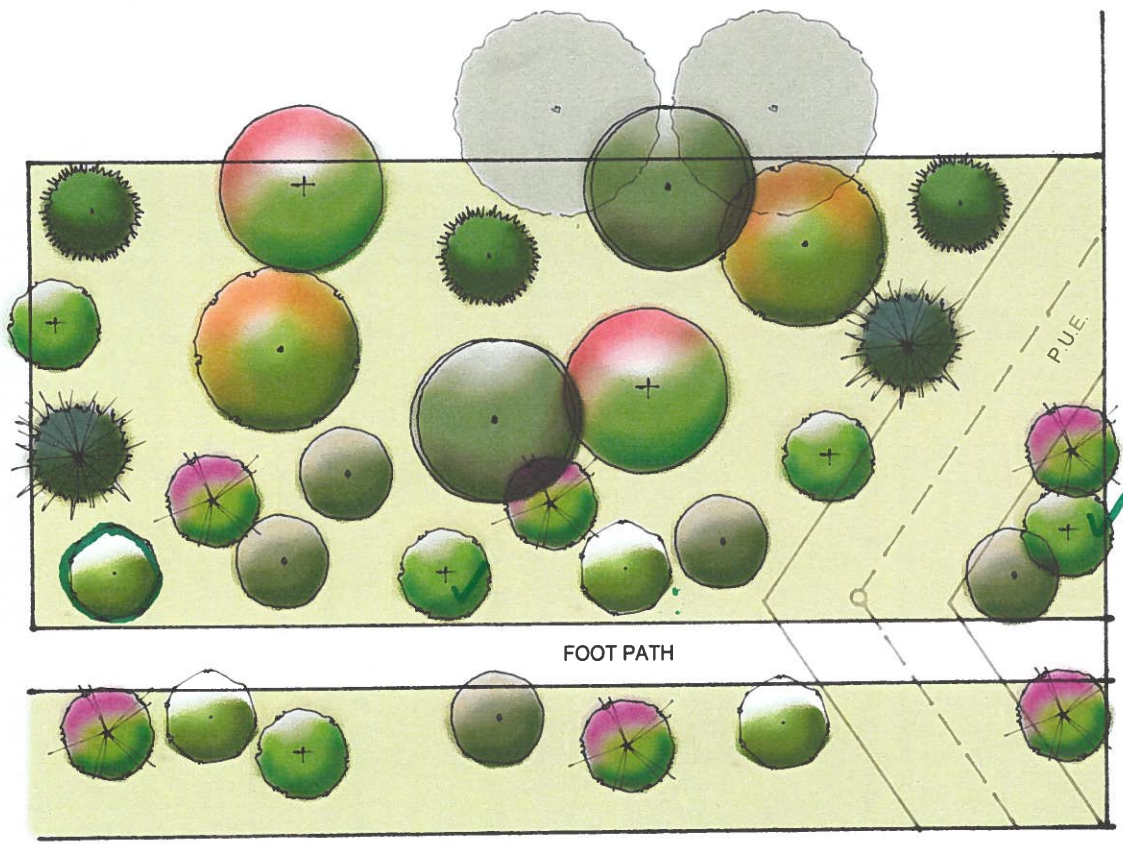
SMART
PHONES
CHARGED

COLLECTION WEIGHTS:

Total Weight: 350 lbs (0.2 Ton)

**4539 METROPOLITAN COURT
FREDERICK, MD 21704**

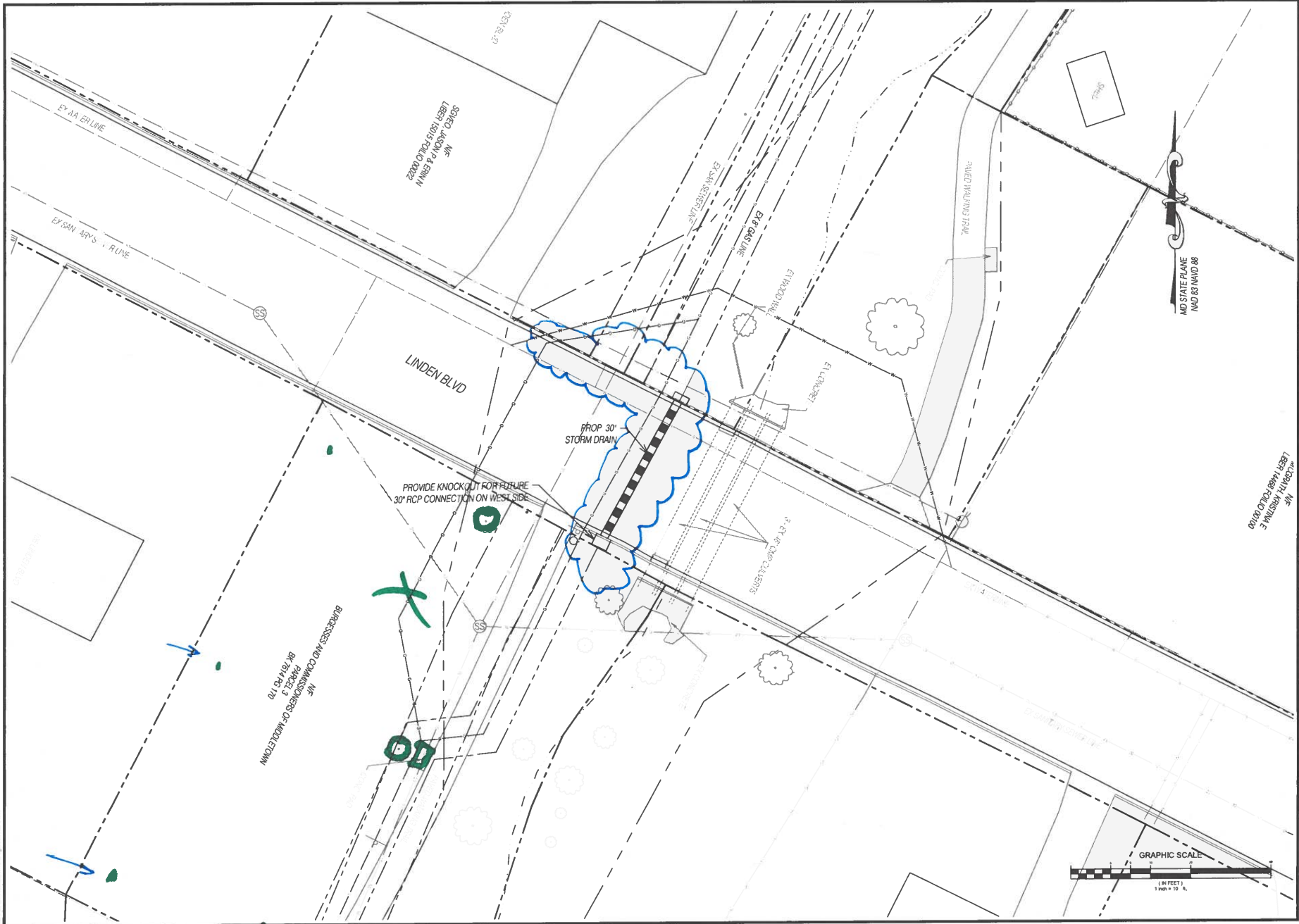
**240-608-0283
INFO@KEYCOMPOST.COM**



-  SOUTHERN MAGNOLIA 'BRACKEN'S BEAUTY'
-  EASTERN RED CEDAR
-  RED MAPLE
-  WILLOW OAK
-  BLACKGUM
-  REDBUD
-  DOGWOOD
-  SERVICEBERRY
-  FRINGETREE
-  EXISTING TREE

TOWN OF MIDDLETOWN
 MEMORIAL TREE PROGRAM
 LINDEN BOULEVARD

STADLER NURSERIES
 SEPTEMBER 2020 K.A.P.
 SCALE: N.T.S.



FSA
 FREDERICK SUBSURFACE ASSOCIATES, INC.
 12345 MARKET STREET, SUITE 200, FREDERICK, MD 21701
 TEL: 301-440-1111 FAX: 301-440-1112
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LINDEN BLVD CULVERT REPLACEMENT
 CONE RUNCH
 MAIN ST TO LINDEN BLVD
 FREDERICK COUNTY, MD
 TOWN OF HAZLETON
 21 WEST MAIN STREET
 202-311-8171

PROJECT NO: 0128
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: 05-11-2022
 PROJECT MANAGER: [Name]
 TYPING: [Name]
 SCALE: 1" = 10'

UTILITIES RELOCATION
C-106
 SHEET 07 OF 12

THE REED CENTER 'BUILD YOUR OWN' PERMACULTURE DESIGN COURSE 2023 COURSE OFFERINGS:



- INTRO TO PERMACULTURE MARCH 4
- BEFORE DORMANCY BREAKS: OBSERVING LAND IN LATE WINTER MARCH 11
- WILD DESIGN: MIMICKING ECOLOGICAL INTELLIGENCE MARCH 25
- PLANT PROPAGATION: GRAFTING, DIVIDING, CUTTING, NUT & SEED GROWING APRIL 8
- EARTH DAY TREE PLANTING AND CELEBRATION APRIL 22
- THE GROUND IS ALIVE: UNDERSTANDING THE SOIL WE STAND ON MAY 3
- HYDROECOLOGY: PARTNERING WITH WATER ON A LANDSCAPE SCALE MAY 27
- SUPPORTING THE BEES JUNE 10
- DESIGNING LANDSCAPES FOR INSECTS AND BIRDS JUNE 24
- AGROFORESTRY USING NATIVE PLANTS AUG 26
- TAKING A LONG-TERM VIEW: FOREST GARDENS AND FOOD FORESTS SEP 9
- ADVANCED PERMACULTURE LANDSCAPE DESIGN SEP 23
- DECOMPOSITION & RENEWAL: THE NUANCES OF OPVICING, MULCHING & MYCOLOGY OCT 14
- FALL PERMACULTURE AND REMEMBRANCE GATHERING OCT 28
- THE WINTER BLANKET: NATURAL LAND PREP NOV 11

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