

CITY OF BLOOMINGTON

COMMISSION ON SUSTAINABILITY

MEETING PACKET

**McCloskey Conference Room – City Hall
Tuesday, December 10, 2024, 6:00 p.m.**

Or virtually at:

<https://bloomington.zoom.us/j/84327085962?pwd=naI8LVmKZSoInPUHbXuw3h7oqMyi5g.1>

Meeting ID: 843 2708 5962

Passcode: 034238

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- 2. Minutes from November 12, 2024**
- 3. Chair Report**
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- 5. Sustainable Neighborhood Grant Report: Terracycle 1.0**
- 6. Sustainable Neighborhood Grant Proposal: Terracycle 2.0**
- 7. Working Group Grant Proposal: Cob Bench Construction for Vibrant Community**
- 8. Resolution 2024-01: Support for Proposed Changes to BMC § 2.12.100**



CITY OF BLOOMINGTON
COMMISSION ON SUSTAINABILITY

NOTICE AND AGENDA

Tuesday, December 10, 2024, 6:00 p.m.
McCloskey Conference Room – City Hall

or virtually at

<https://bloomington.zoom.us/j/84327085962?pwd=naI8LVmKZSoInPUHbXuw3h7oqMyi5g.1>

Meeting ID: 843 2708 5962 | Passcode: 034238

1. **Call to Order**
2. **Roll Call**
3. **Approval of Agenda**
4. **Approval of Minutes: November 12, 2024**
5. **Public Comment** **10 min**
up to 3 minutes per person
6. **Reports from Commissioners** **20 min**
 - A. Chair (Justin Vasel) 5 min
 - B. Waste Management Working Group (Matt Austin) 5 min
 - C. Ad-Hoc Committee: Sustainability Assessment Report (Tara Dunderdale) 5 min
 - D. Council Ex-Officio (Dave Rollo) 5 min
7. **Discussion of Topics Not the Subject of Resolutions** **40 min**
 - A. Sustainable Neighborhoods Grant Report: Terracycle (Ellee Spier) 10 min
 - B. Sustainable Neighborhoods Grant Proposal: Terracycle 2.0 (Ellee Spier) 10 min
 - C. WG Grant Proposal: CanopyBloomington (Andrew Guenther) 5 min
 - D. WG Grant Proposal: Cob Bench Construction for Vibrant Community Spaces (Evan Nix) 15 min
8. **Resolutions for Second Reading and Discussion** **N/A**
9. **Resolutions for First Reading and Discussion** **5 min**
 - A. 2024-01 — Support for Proposed Changes to BMC §2.12.100 5 min
10. **Report from Staff Liaison (Shawn Miya)** **10 min**
11. **Member Announcements** **5 min**
12. **New Business** **5 min**
13. **Adjournment**

Next Regular Meeting: January 14, 2025 at 6 pm

As a quorum of the Commission or its committees may be present, this gathering constitutes a meeting under the Indiana Open Door Law (I.C. § 5-14-1.5). For that reason, this statement provides notice that this meeting will occur and is open for the public to attend, observe, and record what transpires.



CITY OF BLOOMINGTON

COMMISSION ON SUSTAINABILITY

Minutes

Tuesday, November 12, 2024, 6:00 p.m.

McCloskey Conference Room — City Hall

1. **Call to Order:** Justin Vasel called the meeting to order at 6:06 PM
2. **Roll Call**

Members present: Justin Vasel, Matt Austin, Zero Rose, Tara Dunderdale, Dave Rollo, Jamie Scholl, Evan Nix (virtual), David Maener (virtual), Andrew Guenther, Quentin Gilly, John Eldon

Members absent: Hunter Hawley

City staff present: Shawn Miya, Jolie Perry
3. **Approval of Agenda**

MOTION: Andrew Guenther moved, and Matt Austin seconded to approve the agenda.

ACTION: The motion was approved by voice vote.
4. **Approval of Minutes: September 10, 2024**

MOTION: Andrew Guenther moved, and Matt Austin seconded to approve the minutes from September 10, 2024.

ACTION: The motion was approved by voice vote.
5. **Public Comment**

Ellee Spier, a resident and a prior recipient of the Neighborhood Sustainability Grant, addressed the Commission. Ellee sought clarification on the reapplication process for the grant, specifically regarding its appropriateness given the pilot nature of her project.

She also inquired about the City's recommendations for a financial agent for her neighborhood association, and Shawn agreed that reaching out to Council of Neighborhood Associations (CONA) was a good approach. Shawn also suggested that Ellee's reapplication would likely be approved given its pilot project status and the lack of competition for the grant funding.

Ellee expects to submit the application for BCOS approval at the December meeting.
6. **Reports from Commissioners**
 - a. **Chair Report** (Justin Vasel)

BCOS Document Repository: Communication with the city's IT and legal departments continues regarding establishing a Google Workspace for managing BCOS documents. The possibility of creating a read-only version for Commission members was discussed if a shared workspace isn't feasible in the near term.

Grants: CanopyBloomington's working group grant proposal is nearing completion and is expected to be discussed later in the meeting. A proposal for a new pollinator garden project under the Neighborhood Sustainability Grant is also anticipated for discussion.

Shawn Miya informed the Commission that starting in January 2025, Neighborhood Sustainability Grants will no longer require BCOS approval and will be managed directly by the Economic and Sustainable Development (ESD) department.

Following this announcement, a discussion ensued regarding the removal of BCOS approval for the grants. Commissioners expressed concerns about the precedent set by bypassing BCOS, the potential loss of valuable feedback from Commissioners, and the limited data supporting the decision. Shawn clarified that ESD, the funding source for both BCOS working group grants and these grants, initiated the change. She believes removing the BCOS approval step will streamline the process and that ESD is capable of evaluating the proposals' alignment with sustainability goals.

Commissioners advocated for continued BCOS involvement, suggesting alternative solutions like a feedback system or smaller committees to review proposals. They emphasized the importance of BCOS's role in public education and community engagement, particularly regarding sustainability initiatives. The discussion also highlighted the ethical considerations of Commissioners both assisting with grant writing and voting on those proposals.

MOTION: Andrew Guenther moved to advance to the next agenda item.

ACTION: Andrew Guenther withdrew the motion.

b. **Waste Management Working Group** (Matt Austin)

Matt reported on the progress of the Bokashi composting initiative and the potential for a food waste program.

Ten households have committed to the Bokashi composting program at the Community Orchard. Efforts are underway to expand the program to other organizations, such as faith-based groups and First United Methodist Church.

Matt met with Caldwells Inc., a company managing Shelby County's recycling centers and operating a food waste program. He is exploring the feasibility of a similar program in Bloomington, potentially involving Caldwells and the Waste Reduction District of Monroe County (WRDMC).

c. **Ad-Hoc Committee: Sustainability Assessment Report** (Tara Dunderdale)

Tara presented the results of a survey conducted to prioritize climate action goals for the sustainability assessment report.

Energy and the built environment received the highest priority, followed by *green space and ecosystems*, and *local food and agriculture*. *Transportation and land use* were close contenders.

The ad-hoc committee will develop a framework and report on at least one of the prioritized goals by the next meeting or the first meeting of 2025.

Tara clarified that the language in the proposed BMC changes sets a minimum standard

for annual reporting across all advisory councils and would not restrict the Commission from exceeding those requirements and conducting an assessment like this.

d. **Council Ex-Officio** (Dave Rollo)

Councilmember Rollo informed the Commission about an upcoming City Council meeting regarding proposed changes to the Bloomington Municipal Code (BMC). The meeting will discuss merging the Traffic Commission, Bicycle and Pedestrian Safety Commission, and the Parking Commission into a single entity. The proposal aligns with the recommendations from the Novak report from 2022. The meeting will take place on November 13, 2024, at 6:30pm in Council chambers. Public input is encouraged.

A January 2025 meeting of the Council will address the full slate of proposed amendments to BMC Title 2.

7. **Discussion of Topics Not the Subject of Resolutions**

a. **WG Grant Proposal: CanopyBloomington** (Andrew Guenther)

CanopyBloomington proposes to plant 16 replacement trees in locations where previously-planted trees did not survive. The trees will be native to Indiana, resilient to climate change, and planted in areas identified by the city as high need.

The proposal requests \$4,000 from the BCOS working group grant funds. All other expenses, including labor, materials, and equipment, will be covered by other grants or in-kind contributions. CanopyBloomington is securing signed letters of intent from partner organizations committing to tree maintenance for at least three years, half of which have already been secured.

Shawn confirmed that a purchase order can be made to encumber 2024 funds for this project while awaiting the final letters ahead of a BCOS vote.

Commissioners inquired about the specific tree species, the inclusion of fruit and nut trees for food production, and CanopyBloomington's approach to tree selection and planting locations. Andrew noted that CanopyBloomington focuses primarily on expanding tree canopy, particularly in low-income and underrepresented areas, and prioritizes native species over cultivars.

b. **Sustainable Neighborhood Grant Proposal: New Pollinator Gardens**

Tara provided information on the proposal which requests \$1,000 to purchase pre-made pollinator garden kits for installation in a neighborhood. The kits include flats of native plant plugs and educational materials. The project aims to increase pollinator population within the neighborhood and promote the use of native plants.

Commissioners discussed the native status of the plants in the kits, the warranty or guarantee provided, the organization of planting efforts, and the availability of metrics to assess the impact on the pollinator population. Shawn and Tara provided insights into the project's specifics, highlighting its emphasis on accessibility for residents with varying gardening experience and the inclusion of practices like turf removal and the use of cages.

Justin clarified that the BCOS Bylaws require a first and second reading only for

resolutions. Given that a vote on whether to approve a grant application is not a resolution, the voting process would only require a simple roll call vote.

MOTION: Jami Scholl moved, and Andrew Guenther seconded to approve the Sustainable Neighborhood Grant proposal for New Pollinator Gardens.

ACTION: The motion to approve the grant received a roll call vote of Ayes: 11, Nays: 0, Abstain: 0. The motion passed.

c. Proposed Changes to BMC §2.12.100

The Commission reviewed the proposed changes to BMC §2.12.100, which outlines the roles and responsibilities of the Commission. Justin explained that the changes reflect the Commission's input gathered during discussions about the Novak report recommendations. The changes aim to clarify the Commission's purpose, powers, and duties.

Commissioners raised concerns about replacing "City Administration" with "Mayor" in the §2.12.100(8)(B) outlining the Commission's advisory role. They argued that this change could limit access to relevant city staff and hinder the Commission's effectiveness.

The discussion also touched upon incorporating resilience into the Commission's work. The suggestion was made to explicitly include "resilience" in the language, potentially by adding "and resilience" after "sustainability" in relevant sections.

The Commission agreed to have Justin draft a resolution incorporating the discussed feedback and present it for a vote at the December meeting.

MOTION: Andrew Guenther moved, and Tara Dunderdale seconded to extend the meeting time by 10 minutes.

ACTION: The motion was approved by voice vote.

8. Resolutions for Second Reading and Discussion: None

9. Resolutions for First Reading and Discussion: None

10. Report from Staff Liaison (Shawn Miya)

Shawn reminded Commissioners of the upcoming board and commission appreciation event on Friday, December 6, 2024, at 5:30pm at the Waldron Arts Center.

Shawn also announced the purchase of six new bus shelters equipped with solar lights. The shelters will prioritize locations in low-income neighborhoods lacking shade.

ESD received a grant for the Buskirk Chumley theatre to install a solar backup battery system and upgrade its HVAC system.

The Bloomington Green Home Improvement Program will relaunch by the end of 2024 with increased rebate amounts for residents undertaking energy efficiency projects like solar installation and HVAC upgrades.

Shawn announced the upcoming replacement of all LED lights in City Hall, a project funded through the Energy Efficiency Community Block Grant.

11. Member Announcements

Matt announced an upcoming Board of Zoning Appeals (BZA) meeting on Thursday, November 14, at 5:30pm. He encouraged attendees to voice their support for permitting in-home and on-property gardening instruction

12. New Business

Councilmember Rollo raised concerns regarding the lack of enforcement of native planting requirements for new developments. He cited the prevalence of non-native invasive species, contradicting the City's Sustainability Action Plan. He urged the Commission to address the issue, potentially through collaboration with relevant City Departments.

13. Adjournment:

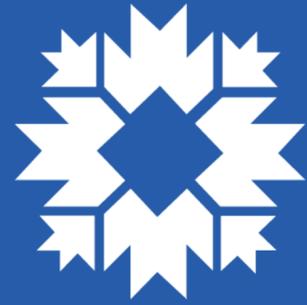
MOTION: Andrew Guenther moved, and Matt Austin seconded to adjourn.

ACTION: The motion was approved by voice vote.

The meeting adjourned at 7:40 pm

NEXT MEETING:
DECEMBER 10, 2024 6PM

FOR APPROVAL



CITY OF BLOOMINGTON
COMMISSION ON SUSTAINABILITY

Chair Report

December 10, 2024

Justin Vasel

Tentative BCOS Calendar

Date	Event
<i>Today</i> December 10, 2024	Regular BCOS Meeting
W I N T E R B R E A K	
January 14, 2025	Regular BCOS Meeting
January 28, 2025	BCOS Work Session
February 11, 2025	Regular BCOS Meeting
February 25, 2025	BCOS Work Session
March 11, 2025	Regular BCOS Meeting OFFICER ELECTIONS
March 25, 2025	BCOS Work Session

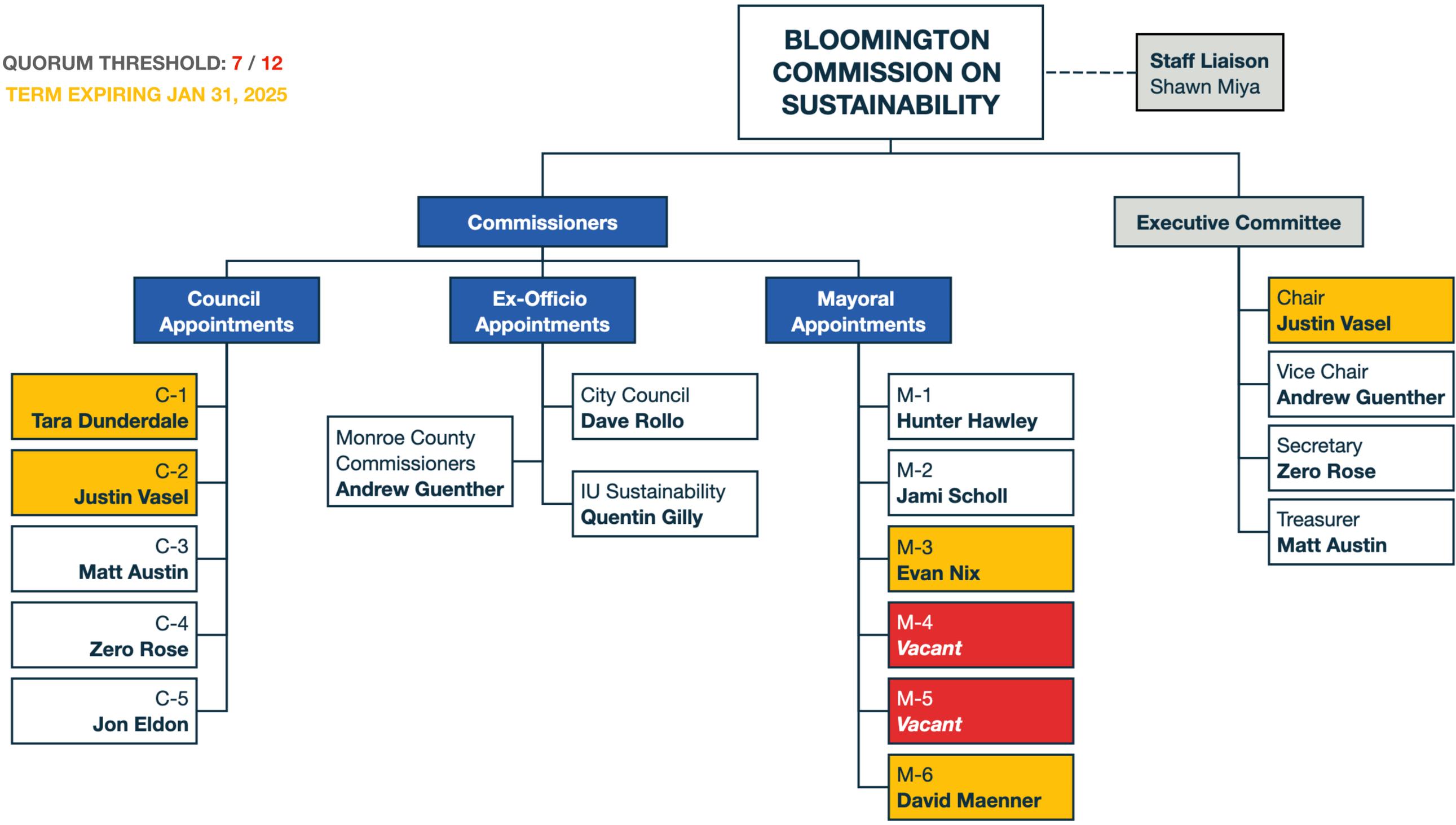
Date	Event
April 8, 2025	Regular BCOS Meeting
April 22, 2025	BCOS Work Session
May 13, 2025	Regular BCOS Meeting
May 27, 2025	BCOS Work Session
June 10, 2025	Regular BCOS Meeting
June 24, 2025	BCOS Work Session
July 8, 2025	Regular BCOS Meeting

BCOS Organization Chart

CURRENT AS OF NOVEMBER 12, 2024

CURRENT QUORUM THRESHOLD: 7 / 12

YELLOW = TERM EXPIRING JAN 31, 2025



General Updates

- BCOS Document Repository — You should now have read-only access. Please confirm.
- Work sessions to continue in January, in addition to a strategy planning meeting for 2025
- Terms Ending Jan 31, 2025 — 2 Council-appointed; 2 Mayor-appointed
 - Please fill out application form again if planning to continue
 - **Start this process now**
 - *Note: until the seat is filled (by reappointment or by new appointment), you can continue to serve even after the term expires*.*

* **BMC § 2.08.020(5):** “If a member's term has expired, but the appointing authority has failed to act, the appointment of the member whose term has expired carries over until the appointing authority reappoints or appoints a successor.”

From: Larry Allen <allenl@bloomington.in.gov>
Sent: 10 December 2024 3:53 PM EST
To: Andrew Guenther <ajguentherjr@gmail.com>, Dave Maenner <david.maenner@yahoo.com>
Dave Rollo <rollod@bloomington.in.gov>, Jon Eldon <jeldon@indiana.edu>, Evan Nix <ejn528@gmail.com>,
Hunter Hawley <hunterhawley@mac.com>, Jami Scholl <wellbeing@rezenience.com>,
Jami Scholl <jamischoll@gmail.com>, Jolie Perry <jolie.perry@bloomington.in.gov>,
Matt Austin <Indiana.Austin@gmail.com>, Quentin Gilly <qgilly@iu.edu>,
Shawn Miya <shawn.miya@bloomington.in.gov>, Tara Dunderdale <tara.dunderdale@gmail.com>,
Zero Roze <zeroroze3210@gmail.com>, Justin Vasel <justin.vasel@gmail.com>
Cc: Jane Kupersmith <jane.kupersmith@bloomington.in.gov>, Margie Rice <margie.rice@bloomington.in.gov>
Rick Dietz <dietzr@bloomington.in.gov>, Audrey Brittingham <audrey.brittingham@bloomington.in.gov>
Taylor Brown <taylor.brown@bloomington.in.gov>
Subject: Commission on Sustainability Documents

Dear Commissioners,

Thank you all for your service as commissioners of the Bloomington Commission on Sustainability (BCOS). We appreciate your passion and engagement with the important work of sustainability within our community. You had inquired whether you could maintain access to the City's internal Google Drive as a shared document repository and co-edit your documents. While we do not believe that shared access can remain for the City's Google Drive, we have worked to find a solution to maintain access to the public documents that have been generated by BCOS.

As we have discussed, the City of Bloomington is required to comply with both the Open Door Law (Ind. Code Chapter 5-14-1.5) and the Preservation of Public Records law for local governments (Ind. Code Article 5-15). To that end, the City works to ensure that all boards and commissions are consistently following requirements of the Open Door Law and properly preserving public records. Upon consultation with the Public Access Counselor and among City staff, we determined that shared access to our Google Drive where each individual had editorial access was not in accordance with the City's policy and likely resulted in violations of the Open Door Law.

In order to comply with the Open Door Law and to keep the integrity of the documents as they have been written and discussed during regular monthly BCOS meetings or BCOS Working Group meetings, we removed editorial access to the shared drive documents. This was consistent with the way all other boards and commissions operate within the City. However, we also recognize that these documents are public documents and are of value to BCOS and the public. Those documents that have been approved by BCOS or have been discussed during a meeting are being uploaded to [BCOS's OnBoard page](#) so that they are available to the public and BCOS members.

In order to maintain compliance with the Open Door Law, if members want to change a document that has been uploaded to OnBoard, those changes should be made and approved through a validly noticed public meeting. Documents that commissioners want to consider, discuss, review, or adopt should be included in a BCOS meeting packet (whether for a regular meeting, committee meeting, or a working group meeting) and publicly posted. Real time changes made to the document can be made during public meetings either using formal amendments following BCOS's bylaws and Robert's Rules, or can be done where the public has an opportunity to hear and observe what is happening (e.g., the document can be projected on a screen so that edits can be seen by the public during the meeting). Drafts of documents must be shared with your staff liaison as well, so that they can become part of the City's repository of documents.

BCOS commissioners should avoid sending group emails (even replying all to emails from staff) discussing BCOS issues or business, because that communication is considered official action that violates Open Door Law. We advise all board and commission members to simply reply to the staff liaison, who can compile input where necessary and present it at the next meeting. As mentioned above, the Public Access Counselor has also advised that simultaneous editing of documents (even where staggered through shared documents) that are not part of properly noticed meetings violates the Open Door Law. Members should also avoid creating documents that are edited by multiple members outside of public meetings. That said, individual commissioner members are free to draft documents on their own and propose their inclusion in the packet for consideration by the board, a committee, or working group at a properly noticed meeting.

We understand that you have set up a private Google Drive where certain BCOS documents are stored with "view only access" that is not maintained by the City. There is no problem with you having access to view the documents as individuals. This Drive would merely be considered a copy of the documents and cannot be considered as compliant with the City's duty to maintain its public records. We ask that in using private tools that you be mindful of your

responsibility as commission members to follow the law and the policies of the City as outlined above. Violation of the law or our policies may result in your removal from the commission. Further, reckless, knowing, or intentional damage or destruction of a public record is a Level 6 Felony in Indiana. See Ind. Code § 5-15-6-8.

We appreciate your understanding and cooperation as we try to ensure legal compliance to the best of our ability. We also fully recognize that the work of the City and our boards and commissions in finding lawful but efficient ways of advancing our shared goals is a constant work in progress. We thank you for your cooperation and assistance as we continue to explore these issues.

Additionally, I want to note that the City has formed a task force on Open Governance. While the task force is taking a broad look at all City processes, it will likely also look at the uniform functioning of boards and commissions. That may be a fruitful avenue to advocate for streamlining our work and distribution of information.

Sincerely,

-Larry

LARRY ALLEN *he/him/his*
CITY ATTORNEY

[401 NORTH MORTON STREET, SUITE 210, BLOOMINGTON, IN 47404](https://www.bloomington.in.gov/401-NORTH-MORTON-STREET-SUITE-210-BLOOMINGTON-IN-47404)

OFFICE: 812-349-3556

EMAIL: allenl@bloomington.in.gov



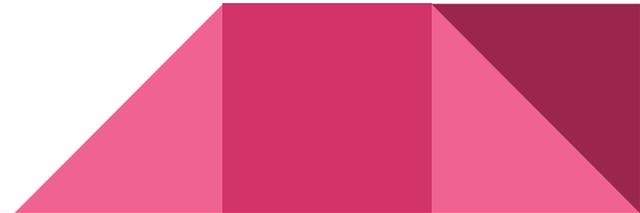
Terracycle 1.0

Covenanter Neighborhood

THANK YOU!

WHY??

- For providing the opportunity for neighbors to gather and work together as a team on Bloomington's Climate Action Plan!
- For allowing Bloomington residents to take some of the burden of research and experimentation off the to-do lists of city employees and commissioners.
- To provide the opportunity to pilot ideas on a small scale to determine their viability within our community prior to investing a huge amounts of time, energy and money.
- By allowing solutions proposed for neighborhoods to be tested by the neighbors who actually live there!



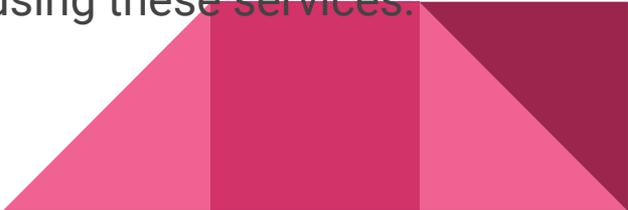
Ranking by Percentage of Household 'Trash' Diverted from the Landfill

- #1 Laminated Paper Products - *Solutions: A city contract with Rumpke or Terracycle*
 - #2 Food Wrappers - *Solutions: Kroger's free program (Kroger brand only) & Terracycle*
 - #3 Kitchen Waste - *Solutions: Indy Recycle Force for single-use styrofoam & Terracycle*
 - #4 Bathroom Waste - *Solution: Terracycle*
 - #5 Office Waste - *Solution: Terracycle*
- 

Takeaways

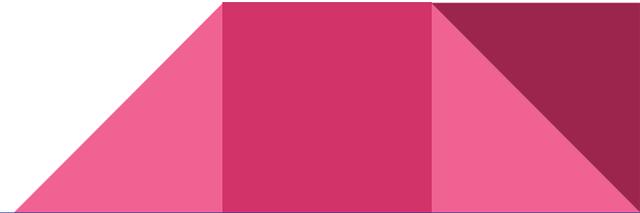
- Participants appreciated the accessibility of a neighborhood drop-off.
 - 8AM - 8PM 7 days a week
 - Walkable
 - Convenient to stop by before or after errands
 - The Terracycle product-specific free boxes were used by all the participants. However, there is not a guarantee that when the box is full it can be shipped to the manufacturer i.e. socks
 - Storage may be necessary
 - Participants liked being able to recycle a lot of items, however, all participants were overwhelmed initially.
 - Detailed signage, instructions, and in-person, email, and text support resolved almost all confusion
 - A few participants chose to limit the trash their households collected to maintain simplicity.
- 

Takeaways cont.

- Households are not perfect. Mistakes were made, but Terracycle has a very forgiving system in place (supposedly...) to correct for missorting mistakes.
 - Households did a fantastic job washing and drying food-based packaging. We had zero issues with insects or rodents.
 - Management of the program by an individual household was successful and doable on a small-scale.
 - Providing Terracycle 1.0 informed & reminded participants about City of Bloomington's recycling services as well as programs offered around town by businesses. For some, it reinvigorated their interest in using these services.
- 

Data Collected

- 7/10 participants said that their households would switch to a smaller trash can if available based on their participation in Terracycle 1.0.
- 6/10 participants said that their household would switch to biweekly trash pick-up based on their participation in Terracycle 1.0 if there was a reduction in cost for biweekly pickup.

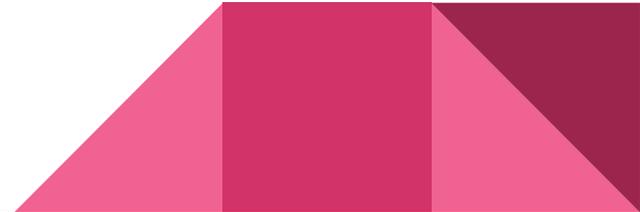


Data Collected *cont.*

- 10/10 participants would like to continue if Terracycle 2.0 is funded.
 - 9/10 indicated that they would still like to participate based on a cost-sharing model as long as the cost for Terracycle meets their family's budget.
 - 4/10 theoretically would prefer the time-savings model using the more expensive Zero Waste All-in-One boxes while 6/10 prefer the current 1.0 Terracycle cost-savings model.
- 

Additional Studies/Project Ideas

- Terracycle 2.0 - Time Savings vs. Cost Savings Model - A hybrid approach
- City of Bloomington Sanitation Study
 - Offer smaller trash bins than the smallest one available for weekly pick-up.
 - Would this reduce sanitation costs for the resident & the city? If so, could these funds go toward additional recycling services community-wide?
 - Offer every other week pick-up of trash with the same size trash cans for a reduced price?
 - Could these funds go toward additional recycling services community-wide?
 - Could Terracycle be an optional add-on for groups of neighbors at a subsidized rate?



Additional Studies/Project Ideas

- Hefty Renew Hard to Recycle Plastics Program
 - City managed and sponsored. Can't be managed by a neighborhood, but the program would meet the second greatest recycling need based on Terracycle 1.0 data, by collecting food wrappers, styrofoam food packaging, cutlery & dining-ware.
 - Conduct a cost comparison study of Hefty Renew versus Terracycle
- Pizza Boxes
 - Requested by 1.0 Terracycle participants at the beginning and end of the study.
 - Terracycle does not take pizza boxes (everything must be clean), yet pizza boxes technically can be recycled.
 - Would it make sense to find a vendor as a University town with tons of pizza box trash?



Application: 0000000052

Elisha Spier - indianaspierfamily@gmail.com
BCOS Sustainable Neighborhoods Grant

Summary

ID: 0000000052
Last submitted: Dec 9 2024 03:34 PM (GMT)

Fill out a form

Completed - Dec 9 2024

BCOS Neighborhood Grant - Intake Form

Please fill out all the information necessary to apply for a Bloomington Commission on Sustainability Grant

Applicant Information

Organization/Neighborhood Name

Covenanter

Organization Type

Other, please specify: 5+ Households

Designated Neighborhood Liaison

Provide the information of the authorized liaison. This person will be responsible for signing any necessary contracts and grant applications on behalf of the interested group.

Critically, this person will also be the designated recipient of the grant funding and therefore will be the one that is set up as a vendor in the City's payment system.

Name	Ellee
Email	Spier
Address	2110 East Covenanter Drive
Phone Number	812-345-1549

Will the designated liaison also be serving as the project leader?

Project leaders should be neighborhood residents that are coordinating with others to implement the project itself.

Yes

Participating Residents

In order to participate, the project must be supported by a **minimum of 4 households** of the neighborhood. Please list the contact information of at least 3 others (should all be in from different houses) that will be involved in the project implementation and will benefit from the grant.

	Name	Email
Resident 1	Traci Jovanovic	traci.s.jovanovic@gmail.com
Resident 2	Michelle Hauser	hausermichelle@yahoo.com
Resident 3	Rachel Varon	rkvaron@gmail.com
Resident 4	Susan Yeley	sbyeley@gmail.com
Resident 5	Kim Arnold	ksa2@indiana.edu

Project Overview

Project Title

Terracycle 2.0

Associated Physical Address

Provide the nearest address of where the project will occur

2110 Covenanter Drive

Upload a map of the targeted location

[IMG_1090.png](#)

The carport of 2110 East Covenanter Drive

Filename: IMG_1090.png **Size:** 461.6 kB

If necessary, upload documentation from the owners of the property approving the use of the property for this project

Relevant Bloomington Climate Action Strategy

WM 1-B

Funding Request

Maximum amount that applicants may request is \$1,000. During application review, funding request will be taken into consideration and used to determine a recommended funding amount.

Amount	1000
--------	------

Project Details

Project Narrative

Describe the project, including a general overview of how the grant funds would be used.

Based on the feedback from the ten households who participated in Covenanter's 2024 Terracycle pilot program (Terracycle 1.0), our group requests \$1000 to fund phase 2 of our pilot program - Terracycle 2.0. Terracycle 2.0 will collect a different set of data points. In 2025, Covenanter would like to compare its cost-savings model (Terracycle 1.0) to a time-savings model (Terracycle 2.0).

As a review, Terracycle is a company that offers recycling options for items that cannot be recycled in Bloomington, Indiana. Besides recycling items for use as new products at its facility in Illinois, Terracycle has partnered with 100's of companies with cradle-to-grave operating models. These partner companies pay the cost of shipping their products back to their facilities instead of to Terracycle. For products that do not have a company sponsor, Terracycle processes them.

Terracycle sells recycling boxes that are room or item specific i.e. kitchen, bathroom, single-use styrofoam, dental products, and cleaning product pumps. These boxes offer significant cost savings to their Zero Waste All-In-One recycling boxes. However, in Terracycle 1.0, it took several months for participants to understand the nuances between the room and product specific boxes; Nonetheless, participants' questions reduced significantly once their households got the hang of the sorting system.

By focusing on cost savings, Terracycle 1.0 provided the funding for 14.6 cubic feet of non-recyclable items to be diverted from the landfill, whereas the same \$1000 will only purchase 9.8 cubic feet in Zero Waste All-In-One recycling boxes. But is the cost savings worth the effort? If given the choice, will a participant trained in sorting recyclables switch to an all-in-one system even with the background knowledge that it costs more? Will the complexity of multiple boxes be a barrier to success in a different neighborhood, a school, a business, or on a broader scale?

Terracycle 2.0 will begin to answer these questions through a study of human behavior. In Terracycle's 1.0 November 2024 survey, 60% of the 2024 households answered NO to the question of whether they would prefer to switch to the Zero Waste All-In-One boxes whereas 40% of the 2024 participating households said YES. Terracycle 2.0 will combine the Zero-Waste All-In-One boxes with the group's favorite kitchen and free boxes. At the conclusion of 2025, we will be able to share data on whether or not the 10 households gravitate toward the time-savings model versus sticking with the cost-savings model.

Project Deliverables

Provide a statement describing project deliverables and how results will be measured.

The Spier Family will survey (mandatory) participants half-way through Terracycle 2.0 and at the end of Terracycle 2.0.

The Spier Family will also collect data on the weight and volume of all recyclables going into the paid and free Terracycle boxes as well as the Spier Family-sponsored boxes.

The Spier family will share the data with BCOS, ESD, as well as the Waste Management District.

CAP Alignment

Please provide a statement of relevance, describing how your project supports the CAP goal you selected on the previous page and how your overall project supports Bloomington sustainability goals.

Terracycle is a business that directly diverts waste from Bloomington's landfills. Better yet, the waste is not thrown-away somewhere else. Terracycle's operations and business model closes the loop. All waste stream products collected have either end-of-life buyers or Terracycle recycles them and makes new products. Terracycle's recycling facilities are centrally-located in the Midwest, with the closest facility to Bloomington in Illinois.

By offering this pilot program, our group will continue to divert recyclable materials from the landfill, which is the goal of WM 1-B.

How does this project support Bloomington's overall sustainability goals? While a Terracycle box for a single household may be price-prohibitive, this program provides the opportunity for neighbors to work together to actively participate in diverting recyclables from the landfill. Having a drop-off point within a neighborhood provides a level of convenience and accessibility that is limited with business and city drop-off points, which may encourage more participation and lessen the transportation ecological footprint of each neighbor.

By funding Terracycle 2.0, BCOS and ESD are providing Bloomington citizens the opportunity to be part of researching the viability of proposed solutions on a small scale. It allows for a group of neighbors to become invested in the Climate Action Plan. It opens more lines of communication as one group of active neighbors talks to another group of neighbors. This type of decentralized, neighborhood action aligns with Bloomington's overall sustainability goals.

Project Timeline

Provide a list of project milestones with an approximate timeline and completion date. Include details necessary to accomplish each milestone.

November 2024 - Terracycle 1.0 End of the Year Survey

November 2024 - Purchase Two Terracycle Boxes During Black Friday Sale based on Survey Results
Kitchen Box (the group's favorite box)
Zero Waste All-in-One Box

January 2025 - Begin Terracycle 2.0

April 2025 - Survey Prior to Terracycle Earth Day Sale to receive feedback on the Zero Waste All-In-One Box

April 22nd, 2025 - Purchase additional boxes based on the survey results

July 2025 - Purchase additional boxes during July sale

October 2025 - Post-Terracycle 2.0 Survey

November 2025 - Present data and survey results to ESD, BCOS, and MC Waste Reduction District

Project Cost

Upload a detailed project budget, specifying which aspects of the project are to be funded by the BCOS grant.

[BCOS Grant Funding Terracycle 2.0 - Sheet1.pdf](#)

Filename: BCOS Grant Funding Terracycle 2.0 - Sheet1.pdf **Size:** 17.3 kB

Alternative Funding

Describe any other sources of project funding, including a cost-sharing proposal if applicable.

In addition to the \$1000 through this grant, the participants of Terracycle 2.0 will provide the following sources of funding:

1. Packing tape, duct tape and paper protectors for shipping and signage - The Spier Family
2. Transportation of filled boxes to UPS - The Spier Family
3. Transportation of single use styrofoam to Recycle Force in Indianapolis - Matt Austin
4. Transportation of laminated paper products to Monroe County Rumpke facility - Matt Austin
5. Terracycle food wrapper boxes - sale price \$120 for a medium box - 9/10 Covenanter households***
6. The remaining portion of a 2nd medium kitchen box - \$22.40
7. Terracycle 1.0 - A small Terracycle bathroom box, initiated December 3rd.

***In order to test out the concept that Bloomington residents are willing to pay a subsidized rate for the option to recycle additional waste, our group will split the cost of at least one Terracycle food wrapper box. Why? Besides laminated paper products, food wrappers are the largest source of waste collected in our pilot program. Per the November 2024 survey, 9 out of 10 households agreed that paying to reduce waste going into the landfill is important. By requesting each household cost-share for additional boxes, our group can participate in Terracycle 2.0 while meeting its most important recycling needs.

Project Outcomes

Expected Benefits

Describe if and how the project will (1) increase resident engagement with Bloomington's sustainability goals (2) advance diversity, equity, and inclusion within the community (3) provide community-wide benefits.

Residents in the Covenanter neighborhood are looking for ways to reduce the amount of waste coming from their homes and going to the landfill. The project will increase resident and community awareness that recycling options exist for many items that end up in Bloomington's landfill.

Terracycle 1.0 has successfully reduced recyclables from heading to the landfill. Terracycle 1.0 has inspired a group of residents in the Park Ridge East neighborhood to request funding for Terracycle based on the results of the Covenanter pilot. Terracycle 2.0 will provide data and research-backed support for piloting Terracycle or similar recycling diversion programs in additional neighborhoods to advance our community's sustainability directives in a diverse, equal, and inclusive manner.

Expected Challenges

Describe any expected challenges and how you anticipate overcoming these, using previous experiences to help if applicable.

The first challenge of Terracycle 2.0 is meeting the needs of all participants financially while providing the highest priority waste diversion streams. The second challenge is having the time to further advance this pilot beyond Covenanter to other neighborhoods.

To overcome these challenges, ideas that we will pursue include:

1. Surveying participants to figure out their financial sweet spot for participating in continued programming.
2. Applying for additional funding from the county and/or state.
3. Continuing to offer product-specific, free & donated program boxes.
4. Reaching out to CONA, religious, non-profit, and schools organizations, to find additional city residents who would like to pilot and/or advance the waste diversion initiative.

Project Maintenance

Describe if and how the project will be maintained beyond the life of this grant. If these efforts were not included in the project timeline, please also detail how they fit into the timeline.

To continue Terracycle beyond the life of this grant, we as a group of Covenanter residents will:

1. Prior to December 2025, we will apply for alternative funding from the county and/or state if necessary.
2. Prior to December 2025, create a Terracycle neighborhood cost-sharing program.
3. Before Fall 2025, attempt to share Terracycle 1.0 data with City of Bloomington sanitation staff to look at how Terracycle could be incorporated as a subsidized option for residential groups.
4. Continue to offer free and donated Terracycle boxes.

Community References

Optional

If you would like to include any community references to strengthen your application, please list them here.

	Name	Phone	Email
Reference 1	Beth Hollingsworth	812-219-6193	hollingsworthbeth5@gmail.com
Reference 2	Kathleen Boggess	812-361-7332	Kboggess44@gmail.com

Letters of Support

If you would like to include any letters of support for your project, please include them here.

Application Review

Additional Attachments

Upload any additional attachments.

[Terracycle Follow-up Questionnaire \(Responses\) - Form Responses 1 \(1\).pdf](#)

Filename: Terracycle Follow-up Questionnaire (Responses) - Form Responses 1 (1).pdf **Size:** 17.6 kB

Application Signature

I have read and understood the information regarding my application for a Bloomington Commission on Sustainability Grant and I understand that the grant money is not a prize for personal profit or gain and is strictly for the project described. I further understand that the City of Bloomington has the right to allocate and supervise the spending of the grant money and when projects do not proceed within the stated timetable, the City of Bloomington reserves the right to request that the grant be refunded. I understand that recipients of these grants may be invited by the City of Bloomington to participate in promotion and publicity of the project. Please type your name below to electronically sign and signal your agreement to these terms and conditions listed in the Grant Application and Agreement.



R. L. Sha

Timestamp	Email Address	Rank the grant funded Terecycle boxes from most used to least used. Rank them 1-4. If you can't decide between two of them, rank them the same #.	Are there any grant funded Terecycle boxes that your household did not use at all? You may check more than one.	Which free boxes does your household use? You may check more than one.	What items do you still throw away that you wish that you could recycle?	Based on your Terecycle usage, would you be able to switch to a smaller size garbage can if available?	If you were already using the smallest size garbage can available, would you opt for your garbage to be picked up even if there was a reduced price?	Would you want to continue in 2025 if the Super Funds (Crews/Ones) is not allowed to apply? We'll apply for Terecycle grant funds?	If so, would you prefer to purchase All-in-One Terecycle Boxes (Kitchen, bathroom, and office all together). These boxes cost significantly more, but you would not have to spend the time separating your household's waste.	Has anyone from our neighborhood or another neighborhood indicated that they would be interested in participating in buying a neighborhood Terecycle size FRF? If so, please provide me with their contact information.	If we DO NOT receive grant funding, would your household want to continue with Terecycle by splitting the cost of agreed upon boxes?	What changes or suggestions do you have if we continue the Terecycle program?
11/12/2024 7:11:54	Kari Miksa	1-Non-Kroger Flexible 2-Kitchen 3- bathroom 4-office	Office	Kroger Branded and Unbranded Flexible Food Pack		No	No	Yes	No		Yes	
11/12/2024 14:52:42	traci.j.pwanovic@gmail	1-Non-Kroger Flexible 2-Kitchen 3- bathroom 4-office	Office	Dental Care - Toothbrushes, Toothpaste Container: n/a		No	No	Yes	No	Phil Amerson 647 454 6420	Yes	
11/13/2024 8:42:56	nancygswami@yahoo.e	Kitchen, non-Kroger, bathroom, office	Non-Kroger Flexible Food Packaging	Kroger Branded and Unbranded Flexible Food Pack	Used pizza boxes	Yes	Yes	Yes	Yes		Yes	
11/19/2024 20:02:03	paustin9@comcast.net	1- non Kroger 2 kitchen 3 bathroom 4 office	My household used them all.	Unusable Socks, Dental Care - Toothbrushes, Tooth		No	Yes	Yes	No		Yes	
11/21/2024 22:10:46	ksa2@iis.edu	2, 1, 4, 3	My household used them all.	Unusable Socks, Dental Care - Toothbrushes, Tooth		Yes	Yes	Yes	Yes		Yes	
11/27/2024 9:44:21	hausemichelle@yahoo.c	1 kitchen; 2 non-Kroger flexible; 3-bathroom; 4-office	My household used them all.	Unusable Socks, Dental Care - Toothbrushes, Tooth	Aerosols but it's probably not something can be any	Yes	No	Yes	No	No	Yes	I am willing to continue and help offset cost as long as there are others willing to do so as well. If it goes down to less than 5 and now will cost significantly more, I wouldn't want to participate anymore.
11/27/2024 10:44:18	alyxley@gmail.com	1) non-Kroger flexible food packaging 2) bathroom 3) kitchen and office	My household used them all.	Unusable Socks, Dental Care - Toothbrushes, Tooth		Yes	No	Yes	Yes		Yes	
11/27/2024 18:35:39	mcorgan3303@gmail.e	Kitchen, bath/office, flexible packaging	My household used them all.	Unusable Socks, Dental Care - Toothbrushes, Tooth	Can't think of any	Yes	Yes	Yes	Yes	Can't think of any	Yes	
11/28/2024 17:27:41	rothbaul@gmail.com	1, 2, 4, 3	Office	Unusable Socks, Dental Care - Toothbrushes, Tooth		Yes	Yes	Yes	No	No	No	None
	spierfamily@me.com	2, 1, 3, 4	My household used them all.	My household used them all.	garage items	Yes	Yes	Yes	No	Yes - Park Ridge East	Yes	

BCOS Grant Funding
All In One Terracycle Box - 1 large \$406.70
All In One Terracycle Box - 1 medium \$265.30
Kitchen Box - 1 medium \$175.70
Kitchen Box - 1 medium \$175.70 (minus \$22.40 - covered by participants)
Total \$1000

BCOS WORKING GROUP GRANT APPLICATION



Date: 12-09-2024

Name: Evan Nix

Title: Building Community Through Cob Benches and a Mini Plaza

To ensure that your application is complete and addresses all the necessary information, we kindly request that all applicants provide the following details:

Description of Project: Please provide a comprehensive description of the project, including its goals, objectives, and expected outcomes. Additionally, outline the activities that will be undertaken to achieve these objectives and how they align with the mission of the Bloomington Commission on Sustainability.

This project aims to enrich Bloomington's public spaces by constructing cob benches, an arbor, and a bike rack, surrounded by gardens of herbs, fruit trees, and a native pollinator patch—an initiative that will foster a stronger connection between residents and their environment, address challenges such as social isolation, while supporting the city's sustainability goals, namely **Transportation and Land Use, Local Food and Agriculture, Water, Waste, and Ecosystem Health** (detailed below).

The benches, built from cob, will create welcoming spaces for residents to gather, rest, and connect. Cob is a natural material made of clay, sand, and straw, which will be sourced locally. The foundation of the bench will be reclaimed limestone. By creating a public greenspace, these benches will help combat the loneliness epidemic by providing spaces where community members can come together. The use of sustainable materials reflects a commitment to resource reuse.

An arbor will cover the benches, offering shade and rain water catchment to make the space more inviting and supporting Bloomington's goal to encourage water conservation. The construction of the arbor will be certified by Daniel Weddle, Chief Design Officer of Terran Robotics and site host.

Meanwhile, a bike rack will encourage sustainable transportation, supporting Bloomington's goal of reducing vehicle emissions and making public spaces more accessible for cyclists. The mini plaza will be surrounded by fruit trees, a vertical herb garden, a lasagna bed vegetable garden, and a native perennial patch, sponsored by Blue Bee Ecological Endeavors.

The Space to Share will include a little free library (a phenomenon started by the City Repair Project in Portland) and bulletin space for educational materials, environmental organizations and community groups to post and place pamphlets. This will help city residents and visitors to learn more about alternative lifestyle options and sustainability solutions, rounding this project out with a further public education component that will help foster civic engagement and networking between those not yet connected in the community.

This project exemplifies the value of integrating sustainability into every aspect of urban design. From the reuse of materials to the enhancement of greenspaces, it demonstrates how small-scale community projects can contribute to the city's resilience against climate change, improve public health, and spark creativity. Ultimately, this initiative showcases the potential for public spaces to unite Bloomington residents while reflecting the city's values of sustainability, inclusion, and innovation.

Expected Outcomes

- **Improved greenspaces** that foster connection, creativity, and engagement with nature.
- **Greater awareness of sustainable building practices**, encouraging residents to embrace resource reuse and natural materials in their own projects.
- **Increased adoption of cycling**, contributing to reduced emissions and more accessible public spaces.

Inspiration for similar projects across Bloomington, maintaining movement toward more sustainable and inclusive community design.

Alignment with Bloomington Sustainability Goals

This project addresses the following goals:

1. **Transportation and Land Use:** In line with **action 3.2.a** “to expand bicycle parking”, the inclusion of a bike rack encourages cycling as a sustainable transit option, reducing carbon emissions, and promoting active transportation.
2. **Water:** Rainwater catchment incorporated into a public space furthers the “public education to encourage water conservation”, in line with **action 6.1.a** in the Bloomington Sustainable Goals plan.
3. **Local Food and Agriculture:** The site will be surrounded by fruit trees as well as an herb garden and vegetable patch. This will provide local food to those who rest at the bench and serve as a reminder that we can be growing food in our own yards.
4. **Waste:** By utilizing reclaimed materials (e.g., clay from the site, reclaimed limestone), the project minimizes environmental impact.
5. **Ecosystem Health:** Surrounding the bench with a native perennial patch will increase the biodiversity of native insects in the area, in line with **action 7.2.c**, “native plants in all future landscaping plans.”

Purpose: Clearly state the purpose of the project and how it addresses a specific need or challenge within the community. Explain how the project's objectives align with the mission and priorities of the organization.

The purpose of this project is to build vibrant, sustainable public spaces that encourage connection, creativity, and environmental stewardship. By addressing pressing community challenges—such as the need for more inviting greenspaces, waste-conscious construction, and active transportation—it aligns with Bloomington’s vision of a healthy, thriving, and sustainable city.

This project also aims to inspire future efforts by showing how creative, community-driven design can transform neighborhoods while fostering pride and belonging among residents.

Amount Requested: Specify the total amount of funding requested. Provide a detailed breakdown of how the funds will be allocated, including budget estimates for various project components, such as materials, equipment, and any other relevant expenses. If applicable, indicate if additional funding from other sources has been secured or is being sought. BCOS is a volunteer commission, personal time spent on the project will not be paid.

Budget Overview

Item	Cost
Benches (materials)	\$65.94
Arbor (2 units) all materials priced with Habitat ReStore	\$448
Bike Rack	\$328.96
Rain Barrels (2 units)	\$158
Surrounding garden (herb, vegetable and native)	\$ 200 (in-kind donation)
Total	\$1,200.90
Total Requested from BCOS	\$1,000

Vendor Name: Identify any specific vendors or suppliers that will be involved in the project and provide their names and contact information. If relevant, include details of any existing agreements or partnerships with these vendors.

Build Site

Redbud Books

We will be partnering with Redbud books as the site host. They are located on Kirkwood Avenue, in a place of high foot traffic, and will allow passers-by to use the bench, garden, etc. whenever they wish (detailed in a letter of commitment).

Address: 408 W Kirkwood Ave, Bloomington, IN 47404

Mia Beach - Redbud Books Contact

Phone: (765) 748-7012

Email: mia@funnytimes.com

Giorgio Losi - Property Owner

Phone: (812) 327-8815

Email: giorgiolosi91@gmail.com

Community Partners

Daniel Weddle

We will be partnering with Daniel Weddle, Chief Design Officer of Terran Robotics. He will be using his expertise to sign off on the arbor and cob components.

Blue Bee Ecological Endeavors -

President, Zero Rose

Blue Bee Ecological Endeavors will provide tools, volunteer outreach, and \$200 in plants, soil, and seeds as an in-kind donation.

Key Features

- Benches:** The centerpiece of this project, these natural-material benches will be hand-built using a mix of clay, straw, and sand, sourced from Bloomington's local resources. Designed to connect people with nature and each other, the benches will serve as spaces for rest, conversation, and reflection. Total material cost for two benches is \$65.94, with clay sourced for free from local soil.
 - The clay for the bench will be sourced from the property. The site of the bench is on a hill that the site hosts would like to be flattened out. In doing so we will source more than enough clay for the cob. The sand will be sourced from Lowe's, the straw from Rural King.
- Arbor:** Providing shade and rainwater catchment, the arbor will make the space more inviting while complementing the aesthetic of the natural benches. Sourced through Habitat for Humanity ReStore, the total cost for two arbors is \$448.
- Bike Rack:** To promote cycling and reduce carbon emissions, 2 durable bike racks will be installed as part of the project. \$114.48 each, estimated shipping: \$100, Total estimated cost is \$328.96.

Vendor: Grainger <https://www.grainger.com/product/Bike-Rack-Wave-Rack-45MK39>

Will be picked up by Evan Nix from Indianapolis.



Bike Rack: Wave Rack, 5 Bikes, Powder Coated, Steel, 10 1/4 in Slot Wd, 42 1/2 in Overall Ht, Black

Item 45MK39 Mfr. Model 45MK39

Web Price 
\$114.48 / each

This item requires special shipping, additional charges may apply.

Qty
1

Add to Cart

Ship

Pickup

Available for pickup Tue, Dec 10 estimated after 8:30 AM.

Indianapolis Branch #368 | [Change](#)

Pickup Weight 22 lbs

Overall Length
37-3/8 in
Overall Width
7-1/8 in
Overall Height
42-1/2 in

4. **Rain Barrels:** Two rain barrels will be installed to the East of the bench arbor. \$79.00 each, total cost \$158.

Vendor: Home Depot <https://www.homedepot.com/p/RTS-Home-Accents-50-Gal-Rain-Barrel-Black-Colour-with-Plastic-Spigot-551000300A8081/206174734?source=shoppingads&locale=en-US&srsltid=AfmBOoq0Fefu7UBW7qzjUJK9w8XDW1EuKtecvpUuEe2ZTxnNX6U1IUq9m4>

The screenshot shows a product page for a 50-gallon rain barrel. The product is a black, cylindrical barrel with a red spigot at the bottom. The page includes a 'Best Seller' badge, a '601' likes icon, and a price of \$79.00. Below the price, there is a promotional offer: 'Pay \$54.00 after \$25 OFF your total qualifying purchase upon opening a new card.' The product features are listed as: '100% recycled plastic for eco-friendly use', 'Resistant to fading and rotting for lasting performance', and 'Ideal to sit flush against any wall'. Shipping options are shown for 'Ship to Store' (Dec 17 - Dec 20) and 'Delivery' (Thursday, Dec 19), both available for free. A 'Pay with PayPal' button is visible, along with a note that it allows for 4 interest-free payments of \$19.75. The page also mentions 'Free & Easy Returns In Store or Online' with a 90-day return policy.

Product Depth (in.)
19 in

Product Height (in.)
34 in

Product Width (in.)
21 in

Additional Information

Will any item be placed on the right of way?

- No

If the items will be placed on private property, how will residents know they are welcome to use them? Will there be signs? Approximately how many neighbors will be invited to use the items?

- Signage, "please harvest and enjoy any ripe food you find here" or something of the like

- Tattoo artist that is already partnered with Redbud Books to collaborate for signage.
- Handling of excess garden produce: Redbud Books is connected to 30 units of affordable housing, residents of those buildings would be encouraged to harvest the food.

	Material	Quantity	Price per	Total	
Arbor Construction	2x4	5	5	25	
	2x4	4	5	20	
	joist hangers	10	0.5	5	
	4x4 10 ft long	2	15	30	
	4x4 8 ft long	2	8	16	
	Concrete	4	5	20	
	Gravel	2	5	10	
	roof decking 4x8	2	8	16	
	roof wrap	1	25	25	
	roof nails	1	2	2	
	screws	1	8	8	
	nails	1	3	3	
	deck screws for joist hangers	1	4	4	
	2x6	2	20	40	
	Roof Each			224	112
					Half off Friday
Roof Total			448	224	
Cob Bench	rain barrels	2	79	158	
	bike rack	2	114.48	228.96	
	bike rack shipping	1	\$100	\$100	
	scrap limestone haul	1	10	10	
	straw	2	10	20	
	sand 100lb bag	2	17.97	35.94	
clay	free	free	0		
			65.94		
Total			1000.9		

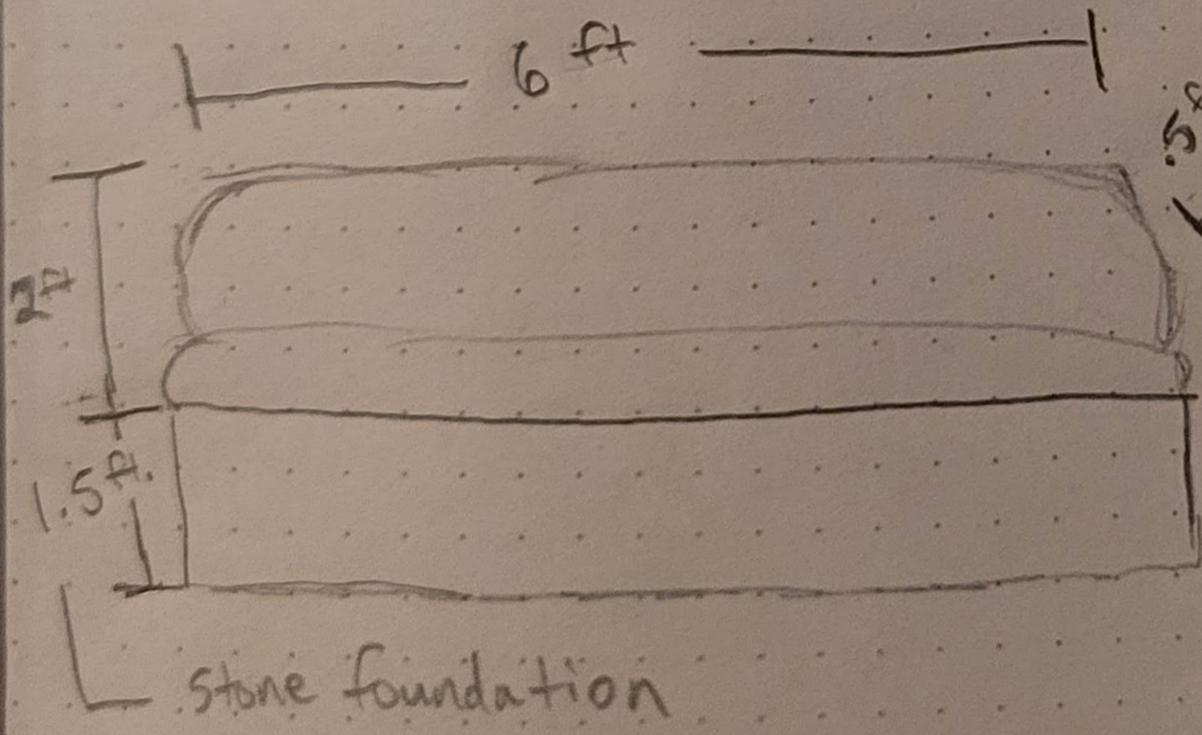
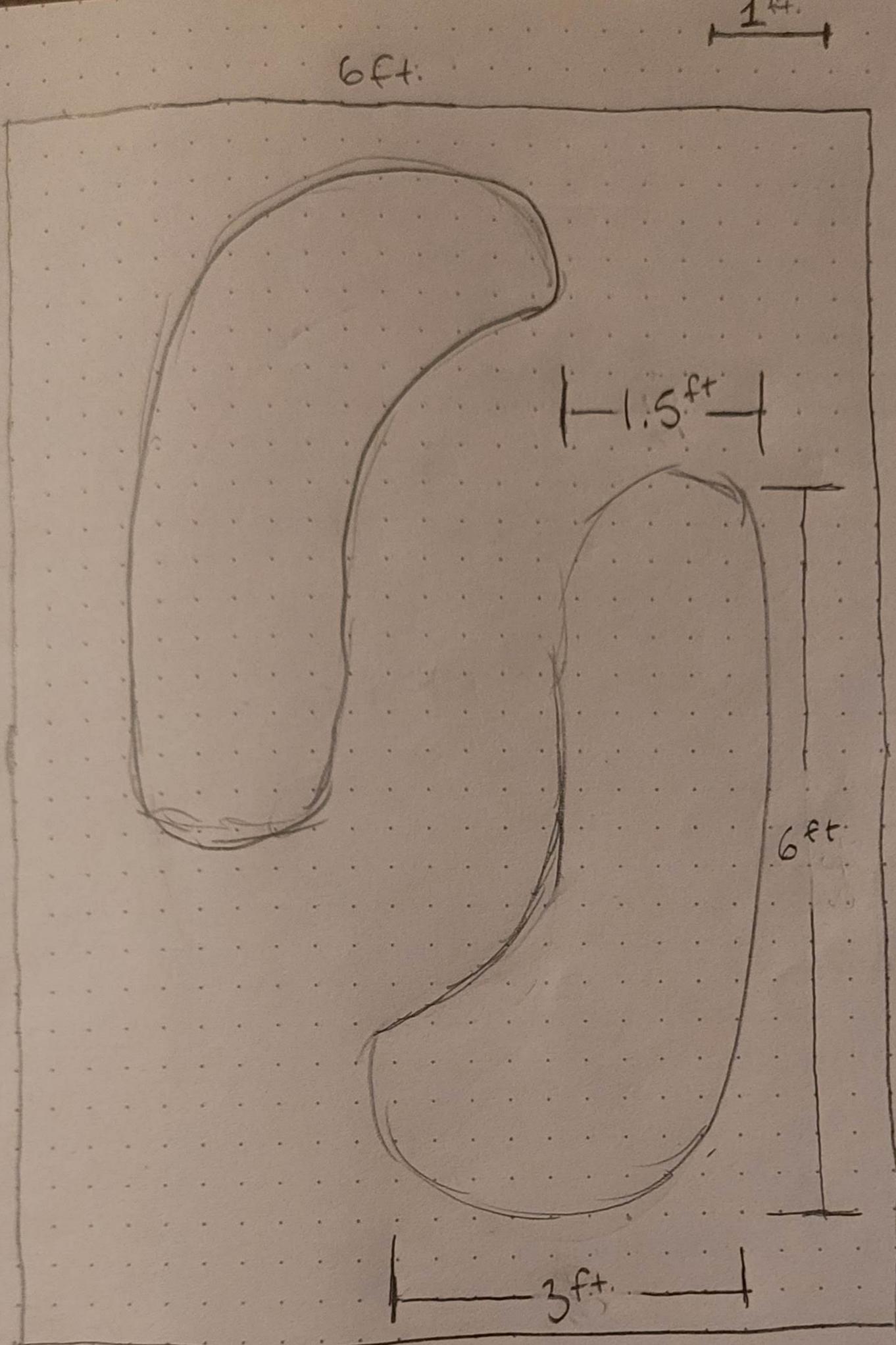
Links to Purchase

<https://www.homedepot.com/p/RTS-Home-Accents-50-Gal-Rain-Barrel-Black-Colour-with-Plastic-Spig>
<https://www.grainger.com/product/Bike-Rack-Wave-Rack-45MK39>

<https://www.homedepot.com/p/Quikrete-100-lb-Commercial-Medium-Sand-196201/100318538>

[ot-551000300A8081/206174734?source=shoppingads&locale=en-US&srsltid=AfmBOoq0Fefu7UBW7qzjUJK9w8](https://www.google.com/shoppingads/ot-551000300A8081/206174734?source=shoppingads&locale=en-US&srsltid=AfmBOoq0Fefu7UBW7qzjUJK9w8)

[;XDW1EuKtecpUuEe2ZTnxNNX6U1IUq9m4](#)

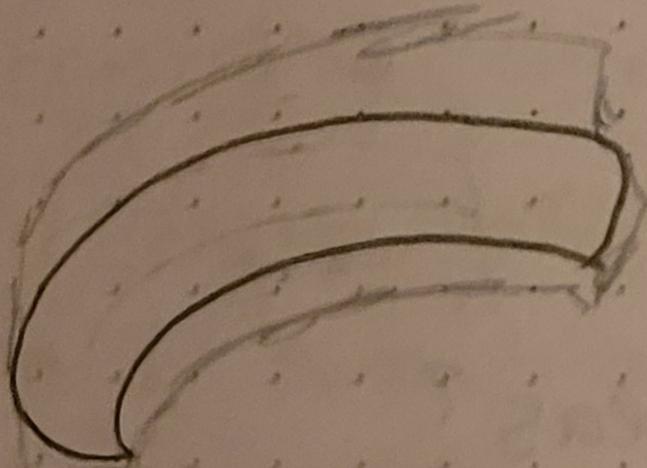


~ 6 cu. feet of cob
 per bench
 $\times 2 = 13.5 \text{ ft}^3$
 to be safe
 ($\frac{1}{2}$ cubic yard)

11 ft

Dual Roof Arbor

Cob Bench

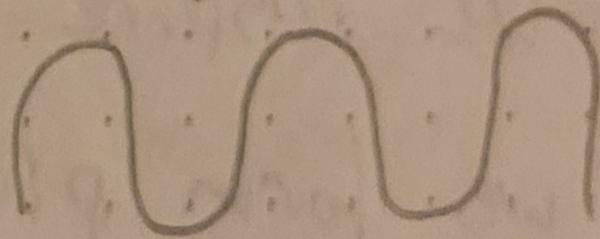


8 ft

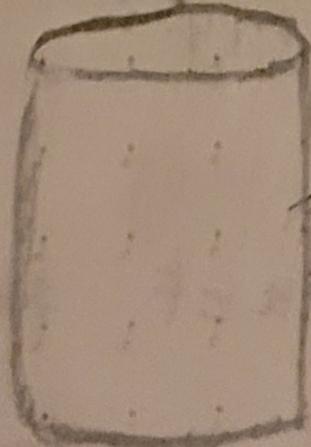
Rain Chain



Bike Rack



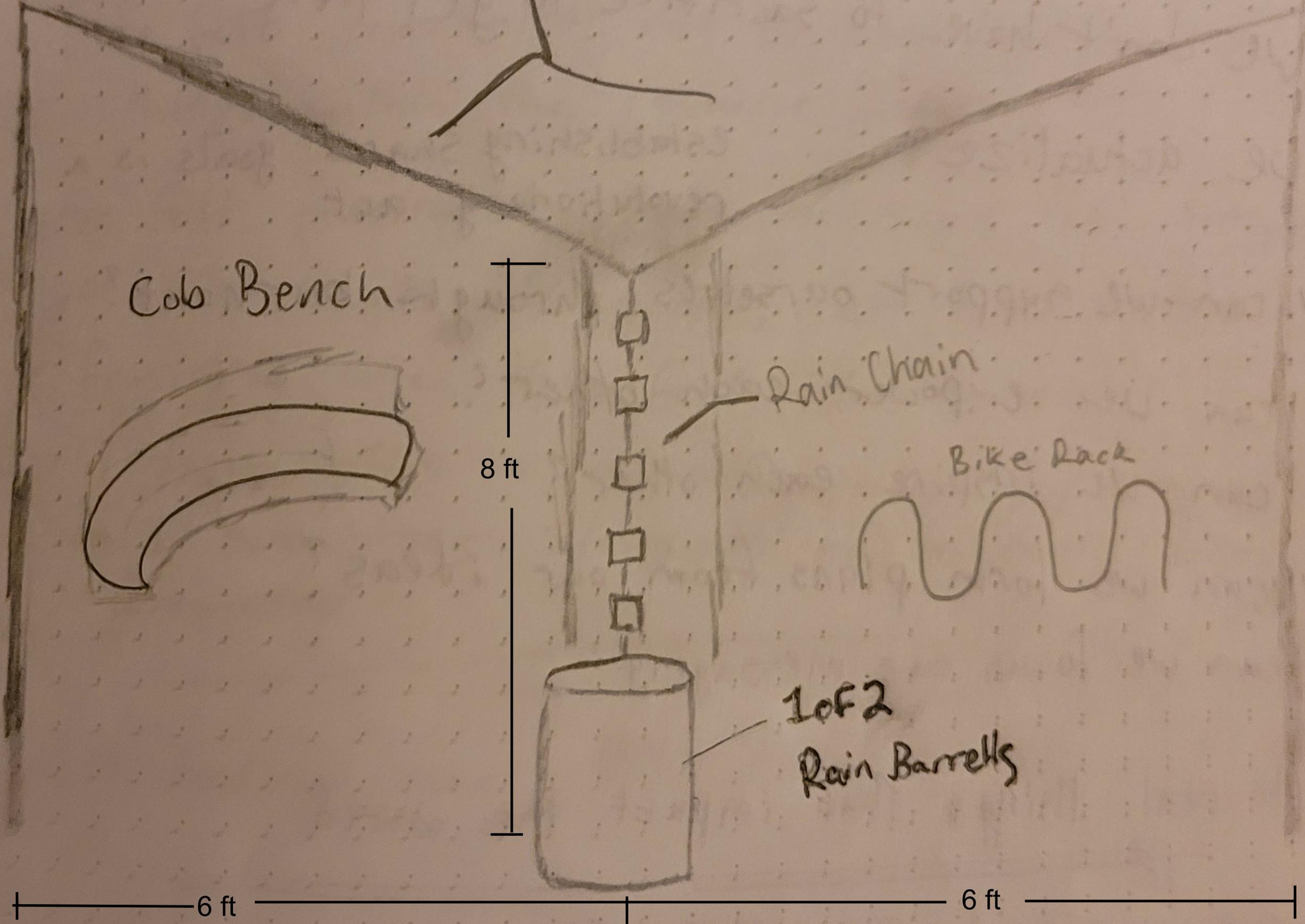
1 of 2
Rain Barrels



10 ft

6 ft

6 ft

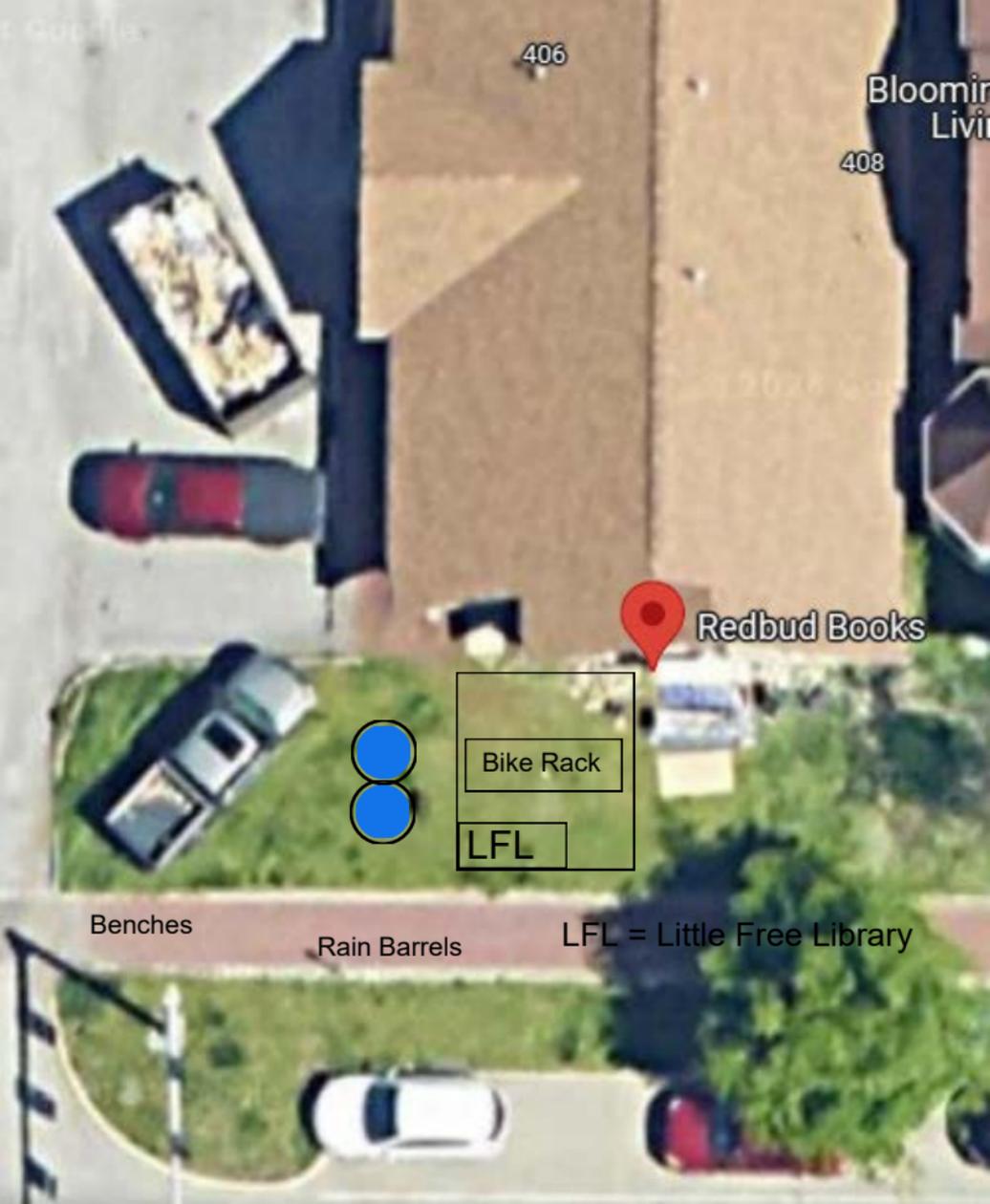












406

408

Bloomin
Living



Redbud Books



Bike Rack
LFL

Benches

Rain Barrels

LFL = Little Free Library

Letter of Commitment

Date: 12-03-2024

To Whom It May Concern,

We, the undersigned, representing Redbud Books, affirm our commitment to support the installation and use of community infrastructure and garden spaces on our property located at 408 W Kirkwood Ave, Bloomington, IN 47404. The items include, but are not limited to, cob benches, an arbor, and a garden.

We are committed to fostering an open and inclusive space for the benefit of our neighbors and the broader community. To this end, we agree to the following:

1. Placement and Maintenance:

- We consent to the placement of the aforementioned items on our property and will collaborate with relevant stakeholders to ensure their proper installation and maintenance.

2. Open Access:

- We welcome all neighbors and members of the community to use the benches, arbor, and other infrastructure at any time of day.
- We permit any community member to harvest food from the garden as they see fit, fostering a spirit of sharing and mutual benefit.

3. Surplus Food Distribution:

- In the event that food from the garden is not fully harvested by the community, Redbud Books will ensure its distribution to residents of the 30 units of affordable housing with which we are connected. This ensures that no food goes to waste and that it directly supports those in need.

We believe in the power of community, sustainability, and equitable access to resources. Through this initiative, we hope to contribute to the well-being of our neighbors and inspire similar efforts elsewhere.

Signed

Mia Beach Mia Beach, Board Member, Redbud Books

[Printed Name]

[Title/Role]

Redbud Books

[Additional Contact Information, if necessary]

mia@funnytimes.com

765 748 7012

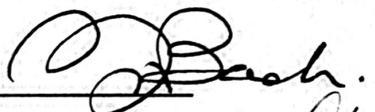
**Cob Bench/Garden
gauge of community interest**

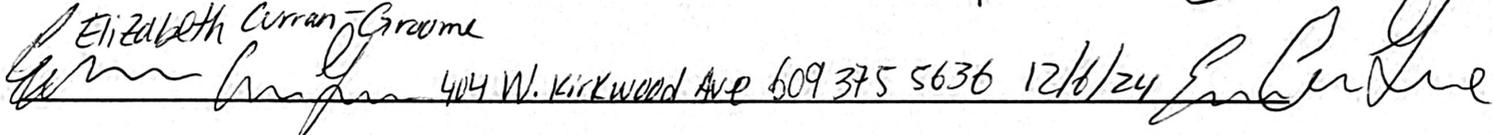
I, the undersigned, a neighbor of Redbud Books, would be thrilled to visit the cob bench mini plaza and pick fruit from the arbor and micro-orchard, to partake of the herb and vegetable garden planned to be installed at 408 W Kirkwood Ave, here in Bloomington Indiana.

I affirm interest in and support for the artistic installation and the local food production node being proposed for our neighborhood, very much welcome such projects and look forward to commiserating with my neighbors there.

Name: Address: Contact Info: Date: Signature:

Caroline Davis 1710 W 8th St. (480)440-4165 12/6/24 

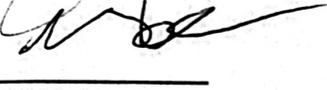
Mia Beach 613 W 12th St (765)7487012 12/6/24 

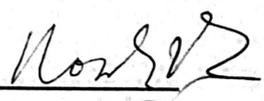
Elizabeth Curran-Groome
404 W. Kirkwood Ave 609 375 5636 12/6/24 

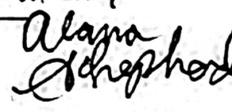
Rosemary [unclear] 401 W. Kirkwood Ave, Apt 11 (814)242-6098 12/6/2024 

Mo Davalos 921 W 9th St (650)546-5003 12/6/24 

Carline Meyer 921 W 9th 816 8576 576 12/6/24 

Boo Faimon 410 W Kirkwood 513 827 1244 12/6/24 

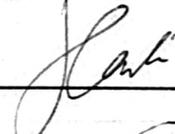
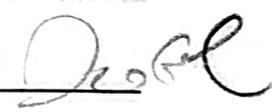
Noah Reed 910 W Kirkwood 760 4188769 12/6/24 

Alana Shepherd, 410 W Kirkwood Ave. 574-703-8223 11/07/24
shepherd.alana7@gmail.com


**Cob Bench/Garden
gauge of community interest**

I, the undersigned, a neighbor of Redbud Books, would be thrilled to visit the cob bench mini plaza and pick fruit from the arbor and micro-orchard, to partake of the herb and vegetable garden planned to be installed at 408 W Kirkwood Ave, here in Bloomington Indiana.

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Name:	Address:	Contact Info:	Date:	Signature:
<u>Nicholas Clin</u>	<u>1706 S Grant St.</u>	<u>nicholacline@gmail.com</u>	<u>12/6/24</u>	
<u>Mariel Spencer</u>	<u>1107 S. Washington St.</u>	<u>marielariel91@gmail.com</u>	<u>12/6/24</u>	
<u>Jenna Sears</u>	<u>4115 Lincoln St</u>	<u>jensears@iu.edu</u>	<u>12/6/24</u>	
<u>Hali Tauxe</u>	<u>2025 Clark St</u>	<u>htauxe@gmail.com</u>	<u>12/6/24</u>	
<u>Lou Bamhart</u>	<u>814 W. 6th Street</u>	<u>mindoflizzie@gmail.com</u> <u>jessecaroline@gmail.com</u>	<u>12/6/24</u>	
<u>Jesse Lloyd</u>	<u>812 S Street Ave</u>	<u>jessecaroline@gmail.com</u>	<u>12/6/24</u>	
<u>Jasper Wirtshafter</u>	<u>215 N Waldron</u>	<u>jasperwitt@gmail.com</u>	<u>12/6/24</u>	
<u>Eavy Barbieux</u>	<u>1710 W. 8th St</u>	<u>leavybee43@gmail.com</u>	<u>12/6/24</u>	
<u>Carsten Stolz</u>	<u>cstolz123@gmail.com</u>	<u>carstenstolz@gmail.com</u>	<u>12/6/24</u>	
<u>Trene Maginot</u>	<u>icene.maginot@proton.me</u>	<u>icene.maginot@proton.me</u>	<u>12/7/24</u>	<u>Trene Maginot</u>

**Cob Bench/Garden
gauge of community interest**

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Name:	Address:	Contact Info:	Date:	Signature:
Alana Shepherd,	410 W Kirkwood Ave, Bloomington, IN, 47404,	shepherd.alana1@gmail.com ,	12/06/2024,	A.S

Kane Litzer,	404 W Kirkwood Ave, Bloomington, IN, 46404	katherine@litzer.com ,	12/06/2024,	K.L.
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Renae Lesser	517 W 13th st.	renaelesser@gmail.com	12/06/24	<i>Renae Lesser</i>
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Micol Seigel	815 N Jackson St.	mseigel@iu.edu	12/6/24	<i>M Seigel</i>
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Volunteer Commitment Form
Redbud Books Cob Landscaping and Little Free Library Project

Please indicate your interest in volunteering for this project and we will be in touch!

<u>Name</u>	<u>Email</u>	<u>Phone (optional)</u>
ren -	kate317rose@gmail.com	317-474-0614
Mia Beach	mia@funnytimes.com	(765) 748 7012
Hugh Farrell	farr.hugh@gmail.com	(317) 281 0251
Eavy Barbieux	ebarbieux43@gmail.com	(805) 570-9888
Ash Barron	arbarron23@gmail.com	(859) 533-9737
Annalise Cain	cainannalise@gmail.com	(413) 320-6014
Polina Saburova	ibuiltalpha-centauri@gmail.com	8126395039
Jenna Feary	jensears@iu.edu	317-424-7725
Zov	mindoflizzie@gmail	(613) 309-7750
Jesse Lloyd	jessacaroline@gmail.com	888-246-3134
Jasper Wirtshafter	jasperwirt@gmail.com	(740) 707-5063
Julia Wilson	julmwilson@gmail.com	224-234-7933
Nike Brooks	avaevenewbybrooks@gmail.com	n/a
Cole Nelson	colen2014@gmail.com	(951) 235-7897
Nicholae Clize	nicholaeclize@gmail.com	n/a
Barry Herbers	donutslager@gmail.com	N/A
GABE McMAHAN	WGABRIEL McMAHAN @GMAIL.COM	

Volunteer Commitment Form
Redbud Books Cob Landscaping and Little Free Library Project

Please indicate your interest in volunteering for this project and we will be in touch!

<u>Name</u>	<u>Email</u>	<u>Phone (optional)</u>
nicholae cline	nicholaecline@gmail.com	
Marisel Spencer	marisel ariel 91@gmail.com	812-361-9925
Mical Seigel	mseigel@iu.edu	/
Anne Shattuck	ashattuck@gmail.com	
Reed Hepburn	rhepburn@gmail.com	
Gabriel Piser	gabriel@bigskyeducation.org	
Woods!	woods@iu.edu	
Woods!	woods@iu.edu	
Sarah Baghdadi	Sera.baghdadi@gmail.com	
Mike Dwyer	mdwyer@IU.EDU	
Hannah Hairries	hairries@iu.edu	n/a
Malifza Khanna	malifza@iu.edu	
Leigh Grundhoffer	lgrund@gmail.com	
Simon Brooks	ssimonbrooks@gmail.com	
Woods!	woods@iu.edu	
Nicholas Bergen	nicholasbergen@gmail.com	X
Jess Liska	jess.liska@gmail.com	
Jeff Moscaritolo	jeffmoscaritolo@gmail.com	

Permission Letter for Installation of Cob Benches

Date: 12-06-2024

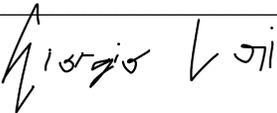
To Whom It May Concern,

As the legal owner of the property located at 408 W Kirkwood Ave, Bloomington, IN 47404, hereby grant permission to Redbud Books to design, construct, and install cob benches on the grass plot located in front of the storefront.

By signing below, I affirm that I am the legal owner of the property and have the authority to grant this permission.

Sincerely,

Giorgio Losi

A handwritten signature in black ink that reads "Giorgio Losi". The signature is written in a cursive style and is positioned below a horizontal line.

Letter of Commitment

Date: 12-06-2024

To Whom It May Concern,

I, Daniel Weddle, Chief Design Officer of Terran Robotics, hereby affirm my commitment to overseeing and approving the design, construction, and placement of a cob bench and the arbor built above it. As a qualified professional in sustainable design and construction, I am fully equipped to ensure that the project meets all necessary standards of safety, functionality, and aesthetic integrity.

Sincerely,



Daniel Weddle
Chief Design Officer
Terran Robotics
(812) 360-5829



RESOLUTION 2024-01

**TO SUPPORT CHANGES TO BLOOMINGTON MUNICIPAL CODE § 2.12.100
REGARDING THE PURPOSE, DUTIES, AND POWERS OF THE BLOOMINGTON
COMMISSION ON SUSTAINABILITY**

- WHEREAS, The Special Committee on Council Processes (SCCP) has recommended a set of amendments to Bloomington Municipal Code (BMC) § 2.12.100, which establishes the Bloomington Commission on Sustainability (BCOS) and defines its duties and powers; and
- WHEREAS, Title 2 of the BMC plays a critical role in establishing the vision and mission of city boards and commissions; and
- WHEREAS, BCOS relies on the BMC for guidance on its objectives, structure, operations, and interactions with the Common Council, city staff, and the public; and
- WHEREAS, BCOS provides the city with an independent, citizen-led perspective on sustainability issues in Bloomington; and
- WHEREAS, the 2022 organizational assessment of Bloomington's boards and commissions by the Novak Consulting Group recommended merging BCOS with the Environmental Commission (EC); and
- WHEREAS, the SCCP's December 2023 report found that the Novak assessment misinterpreted sustainability by narrowly focusing on environmental and natural resource issues, leading to the flawed conclusion that BCOS and the EC share the same mission; and
- WHEREAS, over the past year, the SCCP actively sought and incorporated input from BCOS in drafting the proposed amendments to Title 2; and
- WHEREAS, in December 2022, BCOS adopted the United Nations' Sustainable Development Goals (SDGs) as a framework for its work, a commitment reflected in the proposed updates to BMC § 2.12.100(1); and
- WHEREAS, the proposed language for BMC § 2.12.100(1) articulates a modern, comprehensive understanding of sustainability, encompassing its economic, social, cultural, and environmental dimensions; and

WHEREAS, the proposed language for BMC § 2.12.100(8) clarifies BCOS’s role in providing oversight and policy recommendations on Bloomington’s sustainability efforts; and

WHEREAS, the proposed amendments to BMC § 2.12.100(8) eliminate the requirement to produce an annual sustainability assessment, streamlining BCOS’s responsibilities.

NOW THEREFORE, BE IT HEREBY RESOLVED BY THE BLOOMINGTON COMMISSION ON SUSTAINABILITY, THAT:

SECTION 1. The Bloomington Commission on Sustainability (BCOS) affirms that its mission is vital to the ecosystem of city boards and commissions. While aspects of BCOS’s mission may intersect with those of other commissions, such as the Environmental Commission (EC), BCOS’s unique focus on sustainability as a multi-dimensional concept—encompassing economic, social, cultural, and environmental dimensions—positions it to address complex, cross-cutting challenges that no single commission could address in isolation. BCOS’s ability to integrate perspectives across these dimensions and provide independent, citizen-led policy recommendations makes it an indispensable contributor to the city’s efforts to achieve a sustainable future.

SECTION 2. The Bloomington Commission on Sustainability supports the proposed changes to Bloomington Municipal Code § 2.12.100 as recommended by the Special Committee on Council Processes, provided that it incorporates the concept of resiliency in its definition of sustainability and that it specifies that BCOS is to advise and make recommendations to City administration as well as the Common Council and other city boards and commissions.

PASSED AND ADOPTED by the Bloomington Commission on Sustainability upon this 10th day of December, 2024.

JUSTIN VASEL, Chair
Bloomington Commission on Sustainability