

**CITY OF PINE LAKE  
AGENDA  
APRIL 24, 2018  
7:00 PM**

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Call to order  
Pledge of Allegiance

Announcements/Communication  
Adoption of Agenda  
Public Comments

**CONSENT AGENDA**

All matters listed under this item are routine or have been previously discussed by the City Council and will be enacted by one motion. There will not be separate discussion of these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately.

- Approval of meeting minutes from 04/09/18

**OLD BUSINESS**

- Status of Bee City Designation

**NEW BUSINESS**

- Appointments to Stewards of Environmental Education and Design (SEED) Panel

Public Comments  
Mayor's Comments  
Council Comments  
Adjournment

**CITY OF PINE LAKE  
CITY COUNCIL MEETING MINUTEWS  
APRIL 9, 2018  
7:00 PM**

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**Call to order** by Mayor Melanie Hammet at 7:00 pm. Present were Mayor Hammet, Council members Jean Bordeaux, Kris Casariego, Brandy Hall, Megan Pulsts and Augusta Woods. Chief Green Sarai Y'Hudah-Green and City Administrator Valerie Caldwell were also present.

**Pledge of Allegiance** was led by Hammet.

**Announcements/Communication**

**Casariego:**

- Announced that the April 3<sup>rd</sup> Town Hall Meeting was well attended and well thought out with suggestions of goals for summer use of public spaces.
- Announced that the City of Doraville will have their State of the City on April 20<sup>th</sup>.
- Announced that Public Works Art @ Public Works Grand Opening will be June 15-17, 2018.

**Pulsts:**

- Communicated that there are five subject areas as it related to the goals for summer use of public spaces and that they will be organized for the May 1<sup>st</sup> meeting for action.

**Hall:**

- Announced that she met with a goat herder and will be getting pricing for a future project.
- Announced that she met with a solar consultant regarding future projects in the city.

**Bordeaux:**

- Announced that on April 12<sup>th</sup> at 7:00 pm PRISM will have a candidate forum for the Super Seven District at St. Timothy Church, Memorial Drive, Decatur, GA. She is on the board and is also a volunteer.

**Hammet:**

- Communicated that the recent Nature Walk was well attended and a success. Ecological photos were taken and will be submitted to public arts.
- Communicated that she, Judge L'Erin Wiggins and Chief Green attended the Summit Meeting on Working Partnership at Agnes Scott College. The Mayor also announced that there is interest of leadership of an incubator project. The first material meeting will be the week of April 9<sup>th</sup>.

**Adoption of Agenda**

Pulsts motioned to adopt the agenda; seconded by Bordeaux. 5-0

**Public Comments**

David Brachman 4621 Lakeshore Drive commented on the signage at the lake. He stated that it is crucial not to wait until May to post signs. He also commented about the fragile eco system at the lake.

### **CONSENT AGENDA**

- Approval of meeting minutes from 03/27/18

Unanimously approved on motion by Pulsts and seconded by Woods.

### **OLD BUSINESS**

- Summer Policing Plan

Chief Green announced that the key points for summer policing will be awareness, education and visibility. Mayor Hammet also requested Chief to send five rules within two weeks for printing. There was also a brief discussion on parking at the lake and rental facilities.

- Annexation Discussion

There was a general discussion on this matter that included conversation of what could happen in the next legislative session, digging deeper for data mining for annexation, information sources and creating new relationships.

### **NEW BUSINESS**

- Agreement with Pine Lake City Arts for Lakefest

Kathie deNobriga, 4641 Ridge Drive talked about the previous agreement that Pine Lake Arts (Lakefest) has with the city. Lakefest 2018 is scheduled for October 6&7<sup>th</sup>. deNobriga requested curb appeal products for the festival. The agreement was amended to prohibit relocation of the Wi-Fi or other equipment. Approved as amended upon motion by Pulsts; seconded by Bordeaux. 3-0-2. (Committee members Pulsts and Woods abstained)

### **Public Comments**

Brachman commented about Neighbors Against Greenhaven and that there was a lot of wheeling and dealing as it relates to this matter.

### **Mayor's Comments**

There were not any mayoral comments.

### **Council Comment**

There were not any council comments.

### **Adjournment**

Bordeaux motioned to adjourn and seconded by Hall at 8:22 pm. 5-0.

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Missye Varner  
Administrative Assistant

## RESOLUTION NO.

**A RESOLUTION** of Bee City Council designating Pine Lake as a BEE CITY USA® affiliate.

WHEREAS, the mission of BEE CITY USA is to galvanize communities to sustain pollinators, responsible for the reproduction of 90% of the world's wild plant species, by providing them with healthy habitat, rich in a variety of native plants and free to nearly free of pesticides; and

WHEREAS, due in part to the tremendous diversity of wild native bees, along with the honey bees that were brought to the United States from Europe in the 1700s, we have very diverse dietary choices rich in fruits, nuts, vegetables and even dairy products--one in every three bites of food we eat is courtesy of insect pollination; and

WHEREAS, bees and other pollinators have experienced population declines due to a combination of habitat loss, use of pesticides, and the spread of pests and diseases; and

WHEREAS, pollinator-friendly communities can benefit local and regional economies through healthier ecosystems, increased vegetable and fruit crop yields, and increased demand for pollinator-friendly plant materials from local nurseries and growers; and

WHEREAS, ideal pollinator-friendly habitat:

Provides diverse and abundant nectar and pollen from plants blooming in succession throughout the growing season;

Provides water for drinking, nest-building, cooling, diluting stored honey, and butterfly puddling;

Provides undisturbed spaces (leaf and brush piles, un-mowed fields or field margins, fallen trees and other dead wood) for nesting and overwintering for wild pollinators

Is pesticide-free or has pesticide use carried out with least ill effects on pollinators;

Is comprised of mostly, if not all, native species of annual and perennial forbs, grasses, vines, shrubs, and trees in landscapes because many wild pollinators prefer or depend on the native plants with which they co-adapted;

Includes, where possible, designated pollinator zones in public spaces with signage to educate the public and build awareness; and,

Provides for safe and humane removal of honey bees when required.

WHEREAS, supporting pollinators fosters environmental awareness and sustainability, and increases interactions among community stewards, backyard beekeepers, farmers, children, educators, Master Gardeners, local businesses, faith-based organizations, and nature-related organizations; and

WHEREAS, in order to enhance understanding among local government staff and the public about the vital role that pollinators play and what each of us can do to sustain them, the City of Pine Lake to support and encourage pollinator habitat creation and enhancement on both public and private land; and

WHEREAS, The City of Pine Lake should be certified a *BEE CITY USA* community because:

We uphold our natural spaces and are committed to protecting our healthy water, thriving wetlands, forest spaces.

As a City we value creating and maintaining healthy habitats for our local wildlife.

We work to be a beacon of sustainability for the State of Georgia through empowering our bee keepers, gardeners, urban farmers, children's nature schools, and visitors to learn about and enjoy our natural habitats.

Our City is recognized for our environmental stewardship.

**NOW, THEREFORE**, the City of Pine Lake resolves as follows:

1. The City of Pine Lake City Council is hereby designated as the BEE CITY USA sponsor.
2. A Council Member of the City of Pine Lake is designated as the BEE CITY USA liaison. Facilitation of the City of Pine Lake BEE CITY USA program is assigned to the Bee City Committee.
3. The Bee City Committee is authorized to, and should:

- a. **Celebration:** Annually celebrate National Pollinator Week (third full week of June) or some other appropriate occasion with educational events, pollinator habitat plantings or restoration, proclamations or promotions that showcase the City of Pine Lake's commitment to enhancing pollinator health and habitat.
- b. **Publicity & Information:** Install and maintain at least one authorized BEE CITY USA street sign in a prominent location, and create and maintain a webpage on the City of Pine Lake website which includes, at minimum, a copy of this resolution, links to the national BEE CITY USA website, contact information for the local government's BEE CITY USA liaison Council Member, contact information for the "Bee City Committee," and reports of the pollinator-friendly activities the community has accomplished the previous year(s).
- c. **Habitat:** Develop and implement a program to create or expand pollinator-friendly habitat, which can include, but is not limited to:
  - i. Identification and inventory of the City of Pine Lake real property that can be enhanced with pollinator-friendly plantings.
  - ii. Creation of a recommended locally native species list to include forbs, grasses, vines, shrubs, and trees and a list of local suppliers for those species.
  - iii. Creation of a least toxic integrated pesticide management plan, and
  - iv. Dissemination of informational and educational materials to the public.
  - v. Tracking annual area of pollinator habitat created or enhanced by square footage and/or acreage.
- d. **Policy:** Establish, through the City of Pine Lake, a policy in the Bee City Plan of the City of Pine Lake's Comprehensive Plan to acknowledge and commit to the BEE CITY USA designation.
- e. **Plan Review:** Review the Bee City Plan and other relevant documents to review pesticide management policies and practices as they relate to pollinator conservation, identify appropriate locations for pollinator-friendly plantings, and consider other appropriate measures.
- f. **Renewal:** After completing the first full year as a BEE CITY USA affiliate, each January, apply for renewal of the City of Pine Lake's BEE CITY USA designation following the format provided by BEE CITY USA, including a report of the previous year's BEE CITY USA activities, and paying the renewal fee based on the City of Pine Lake's population.

ADOPTED by the Bee City Committee of the City of Pine Lake, Georgia this \_\_\_\_\_ day of \_\_, 2017.

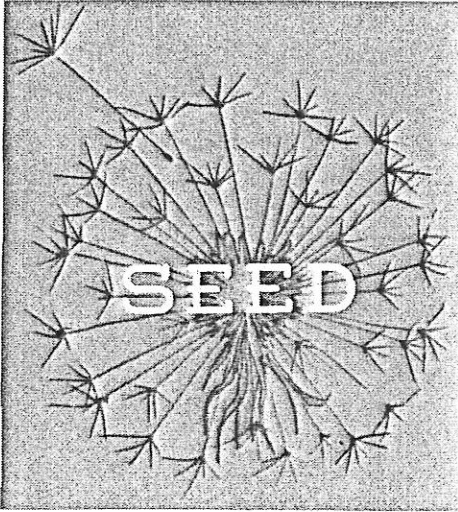
[Name of Mayor or Chair here]  
[Mayor or Chair]

Approved as to form:

Attest:

[Name of City or County Attorney here]  
[City or County] Attorney

[Name of City or County Clerk here]  
[City or County] Clerk

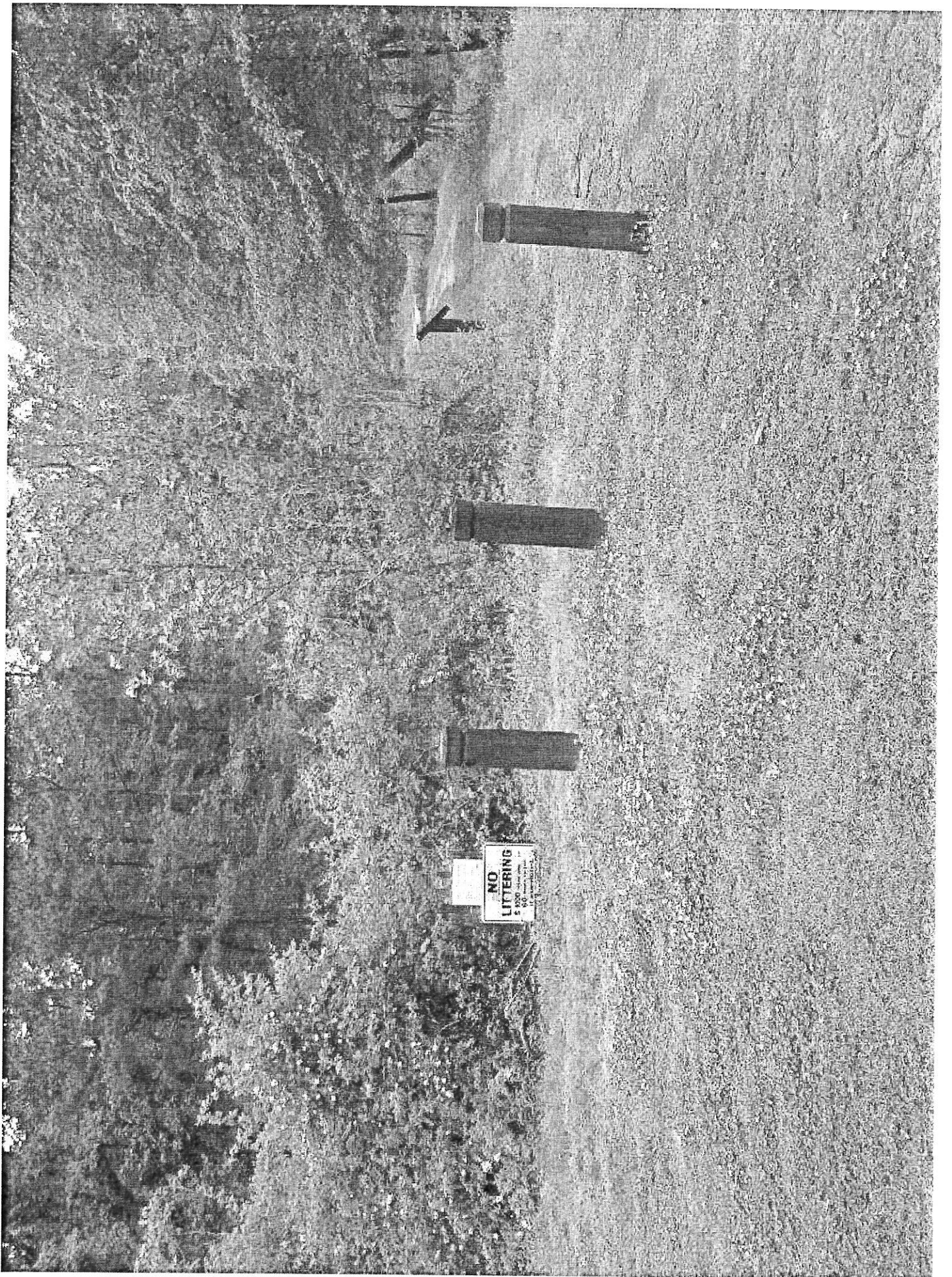


***SEED: Steward of Environmental Education  
and Design***

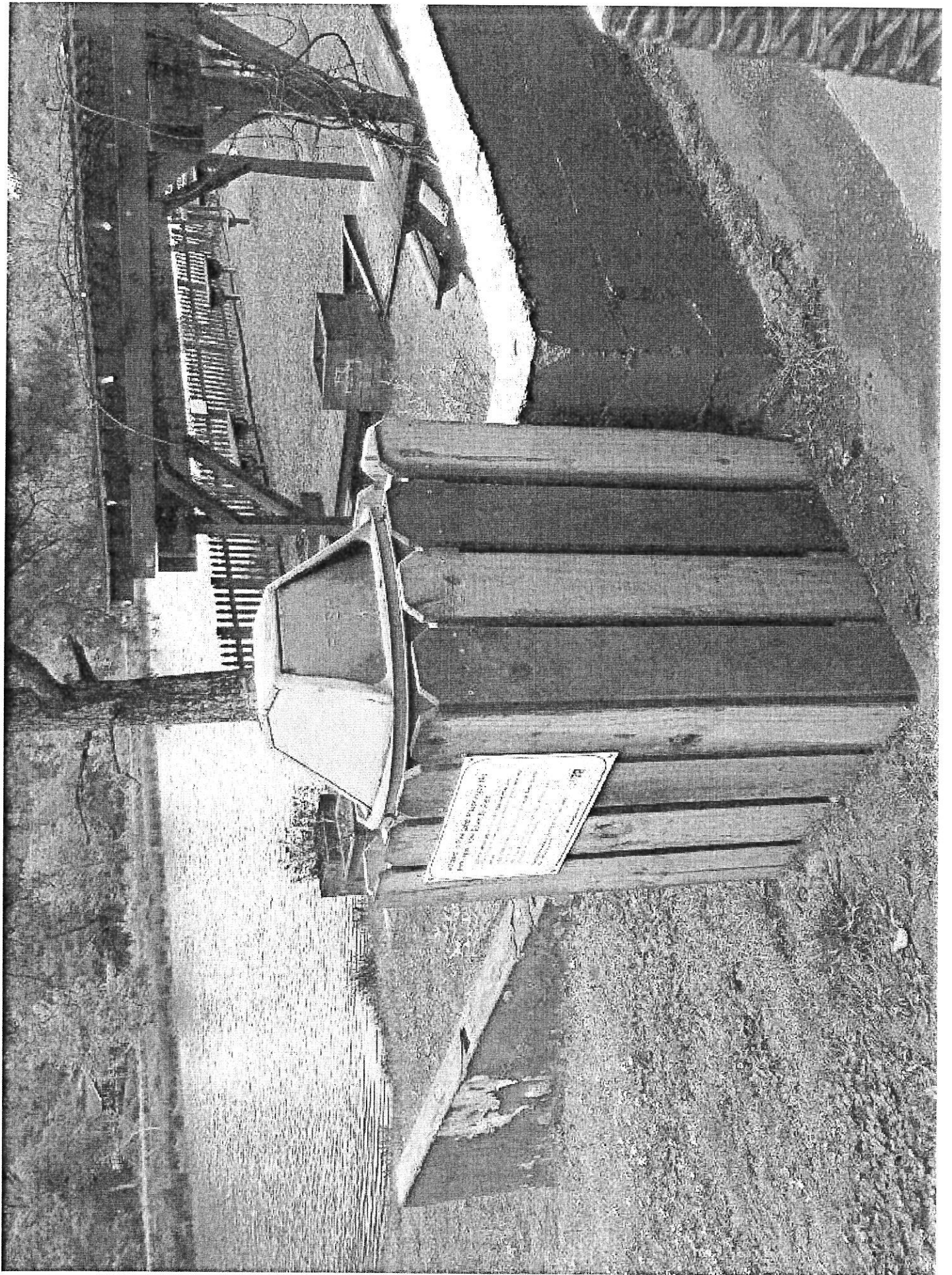
SEED is dedicated to raising the stature of Pine Lake as an environment and arts-first city. SEED will create education, economic, and community development opportunities through programming, policy, and events—establishing enduring appreciation, protection, and nurturing of the natural world that contains the city.

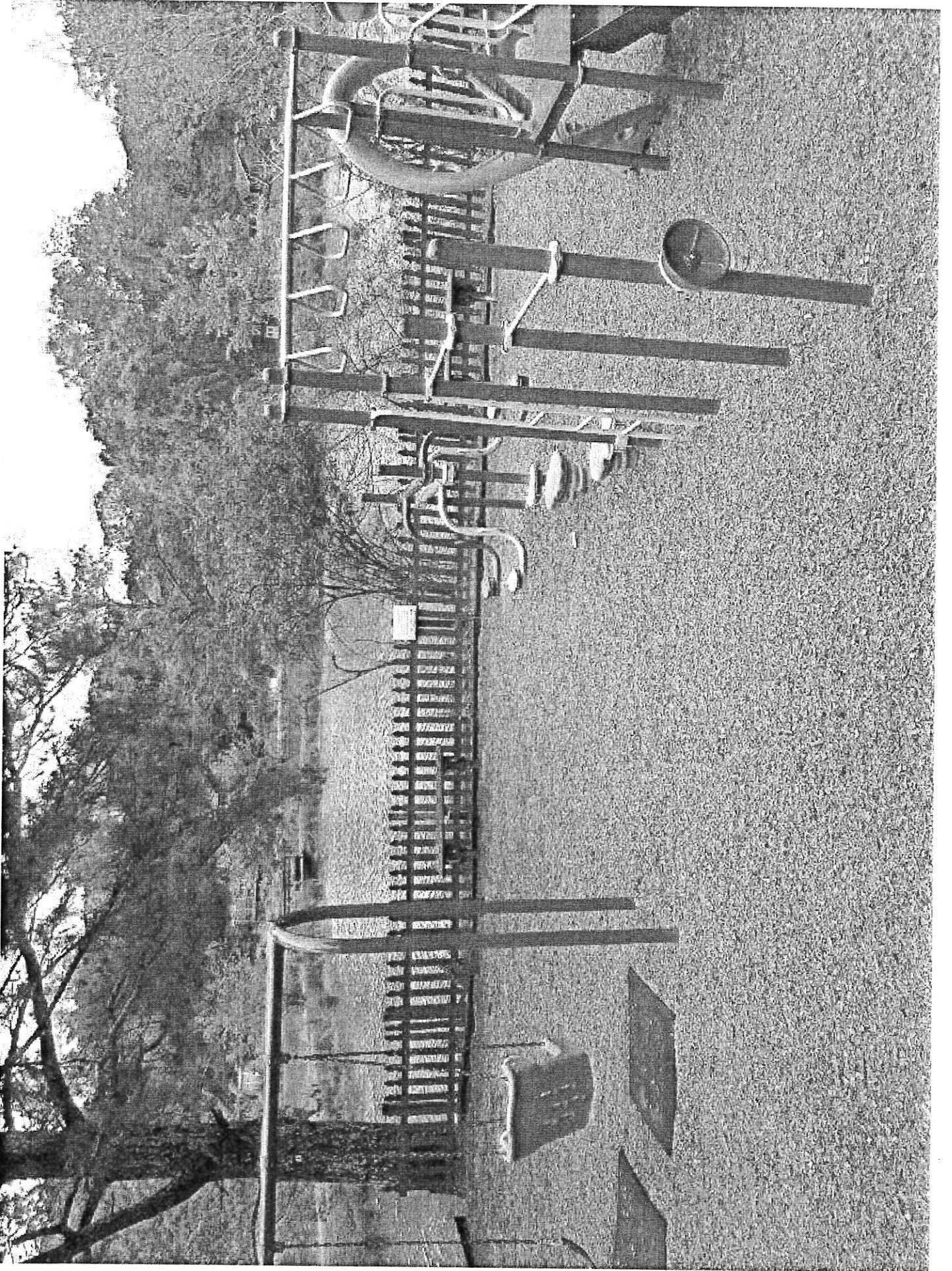
**April 24, 2018  
Council Meeting**

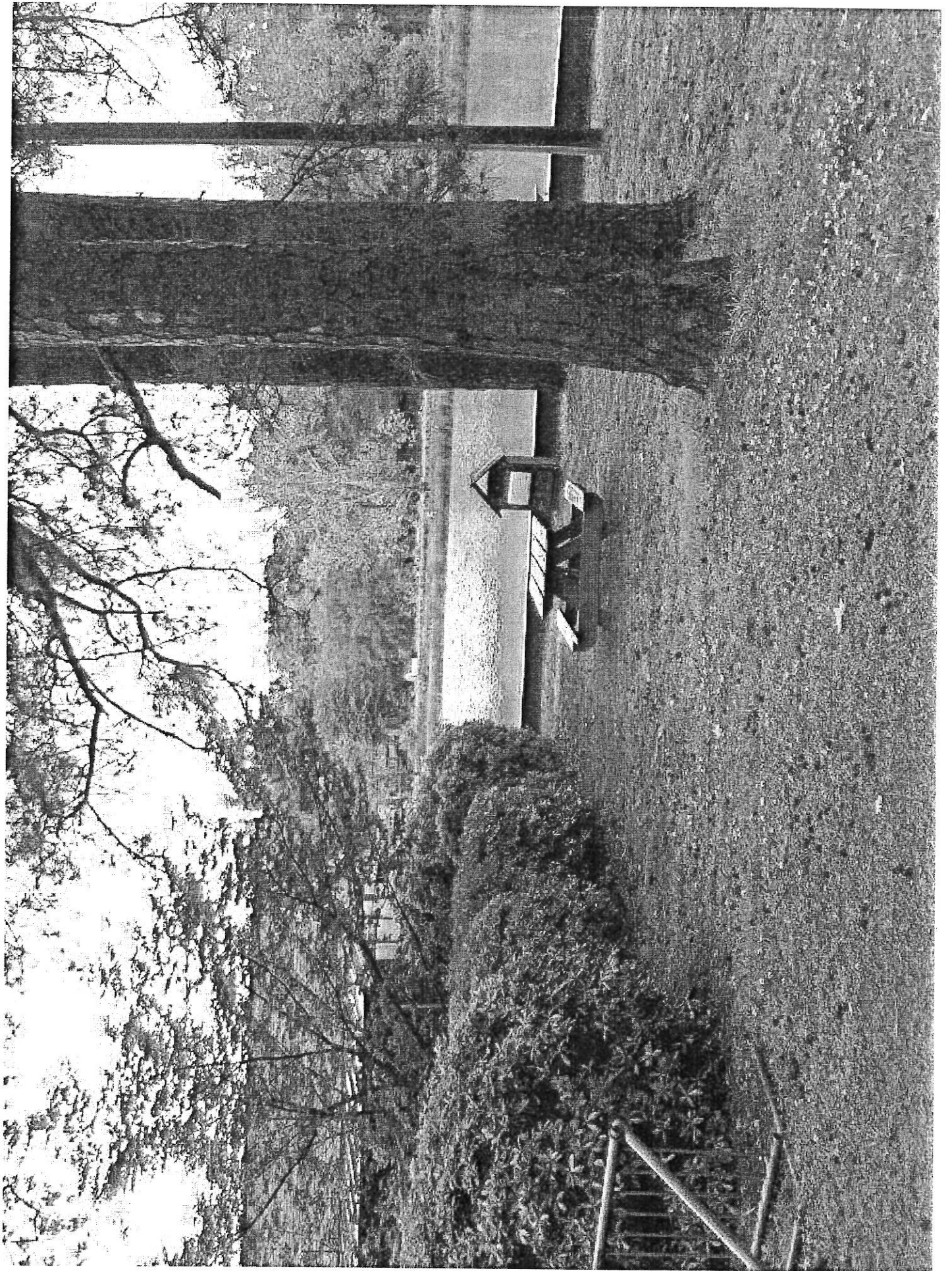
**Additional  
Items  
Added  
To the  
Agenda**

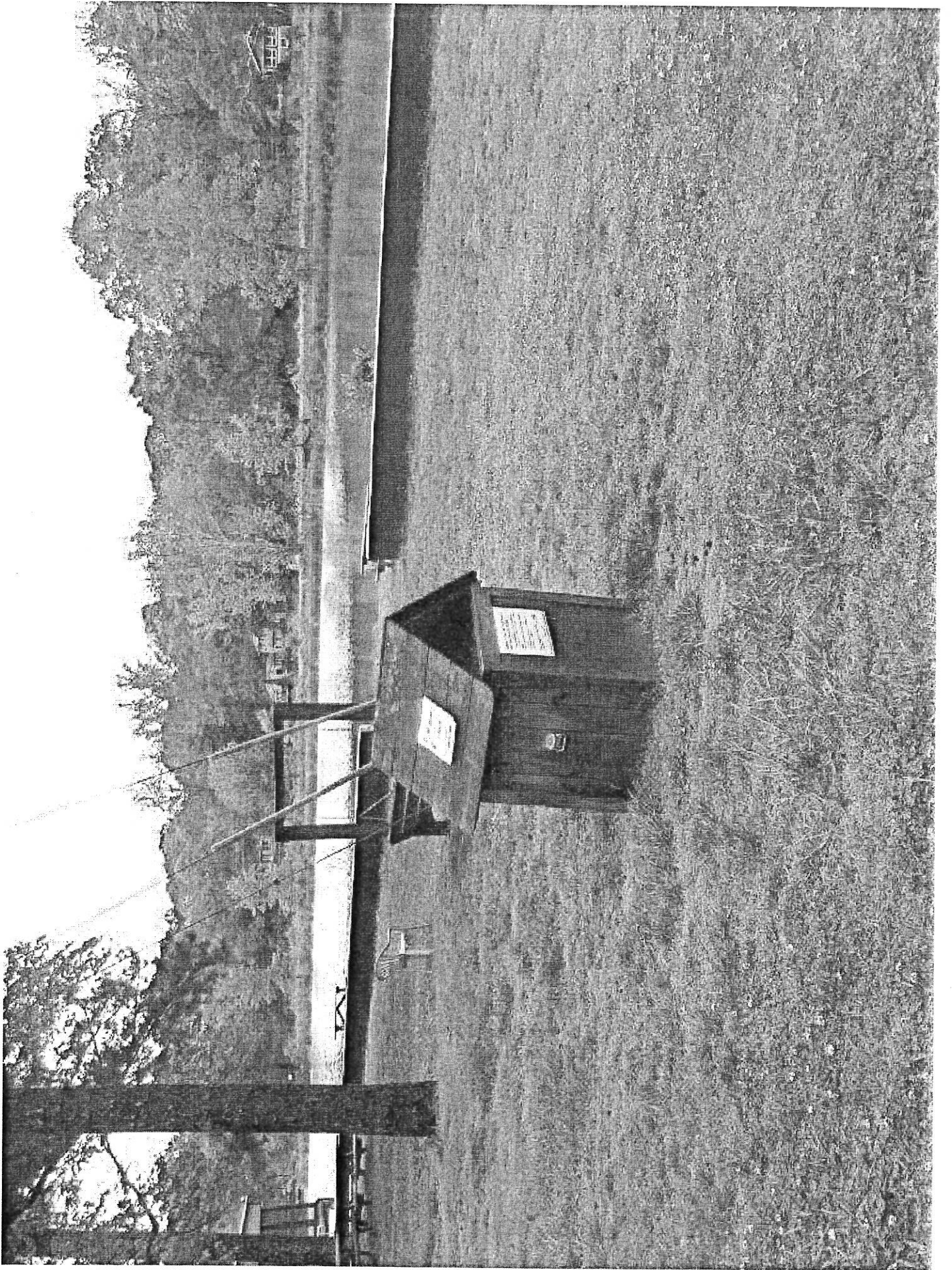


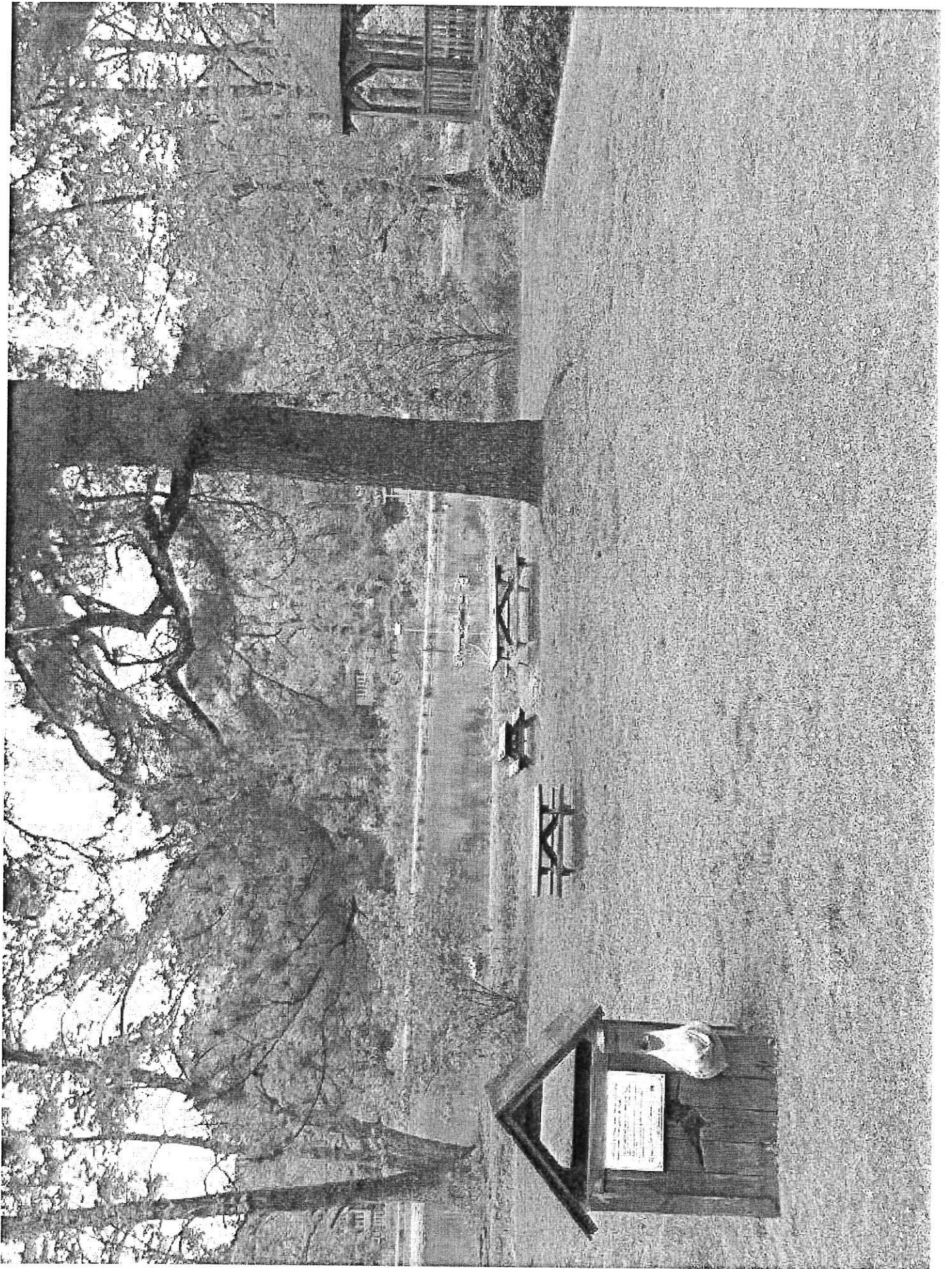


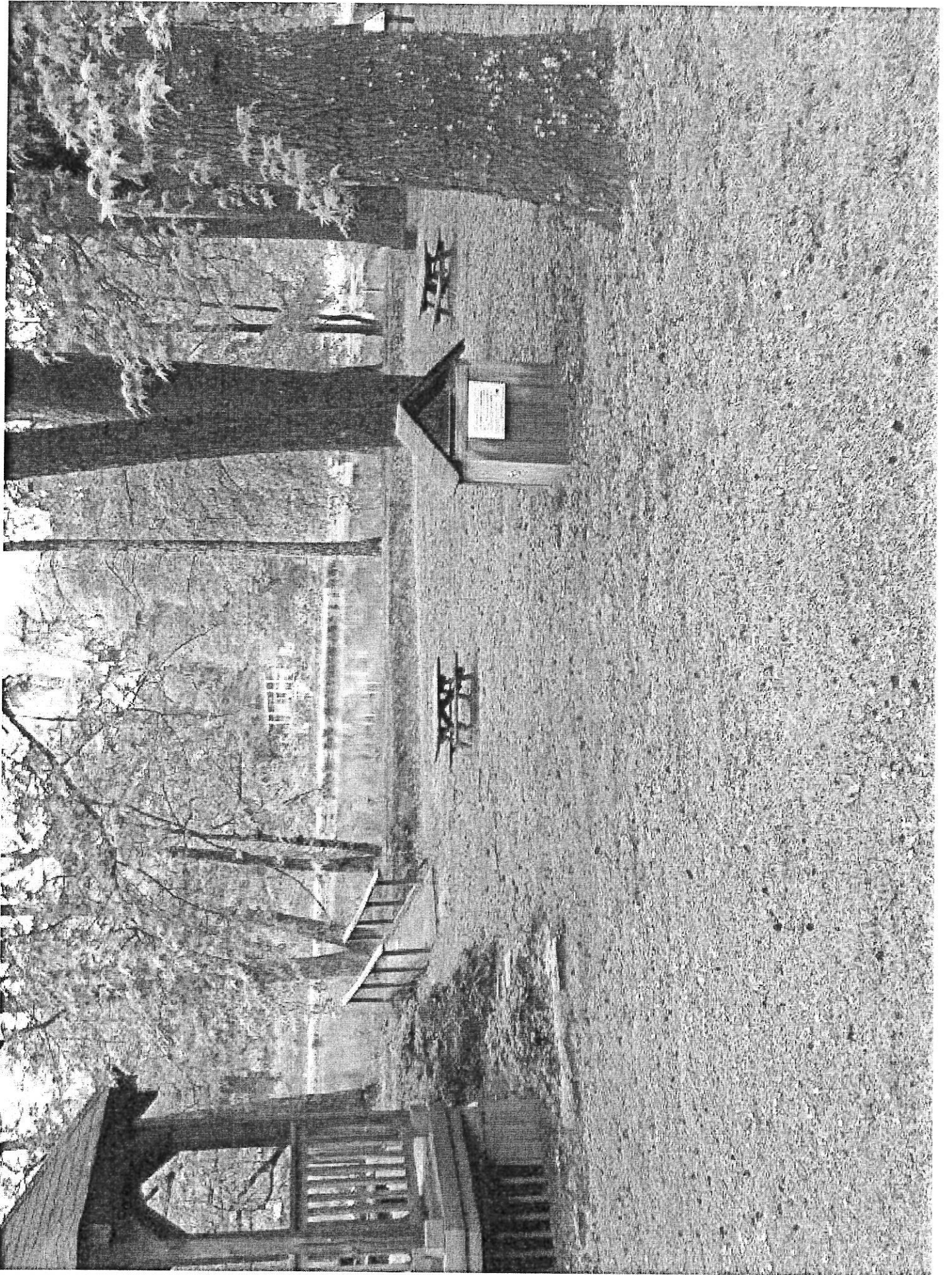


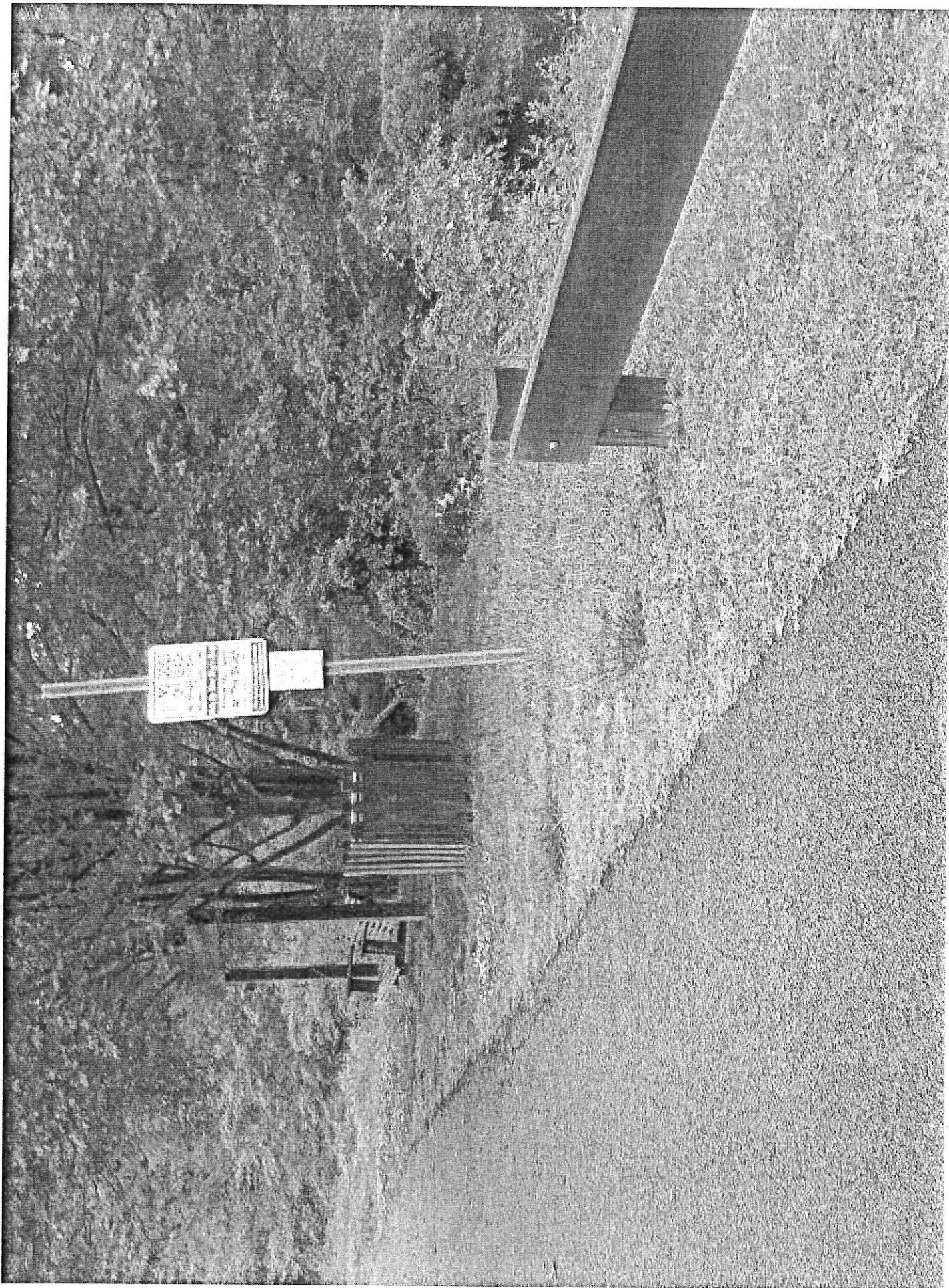


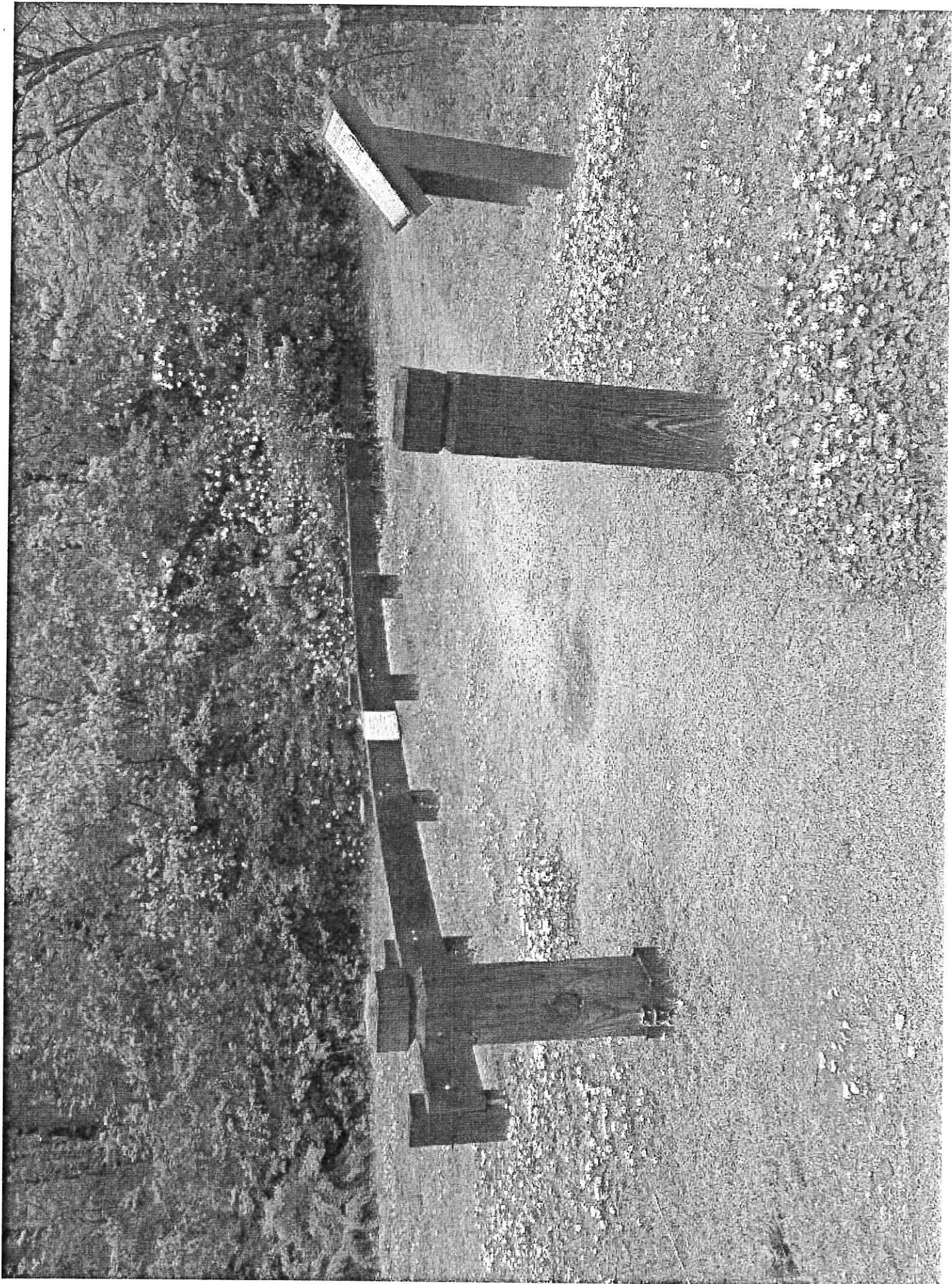














Proposal: Use of Beach House for Summer Community Picnics

Each summer, Community cookouts have traditionally been held on Memorial Day, 4<sup>th</sup> of Jul, and Labor Day. These picnics have been sponsored by various entities or if no sponsor steps up they have been impromptu community events. They have been held in the picnic area outside the Beach House but have not generally used the Beach House itself

These events are generally potluck with a grill going for hamburgers, hotdogs, etc. It has been noted by many that having the food outside is problematic because of the number of flies that invade the food table. PLAIN has been trying to come up with solutions to this problem, but the only one that seems viable is bringing the food inside.

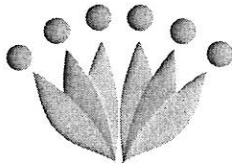
I would like to propose that the City provide the Beach House as a venue for these picnics each year and place them on the Facilities Calendar automatically without a Community Event Fee Waiver.

The dates for 2018 are:

Memorial Day – Monday May 28<sup>th</sup>

Independence Day – Wednesday July 4<sup>th</sup> \

Labor Day - - Monday Sept 3rd



**SUSTAINABLE  
CONNECTIONS**

[atlantaregional.org/sustainableconnections](http://atlantaregional.org/sustainableconnections)



Atlanta Regional Commission

# Internship Program

## Overview and Vision

ARC's Sustainable Connections Internship program seeks to connect the wealth of talented university students in the region with local governments and nonprofits in need of sustainability programming assistance.

The internship program:

- Engages students in meaningful work with communities while they gain hands-on experience and build relationships with local government, nonprofit and sustainability professionals.
- Connects students working toward sustainability careers with a network of peers where they can share experiences and insights.
- Helps communities implement sustainability initiatives that they may not otherwise have the time or resources to complete on their own.

## Why Sustainable Connections?

Sustainable Connections goes beyond a traditional internship program by focusing on building connections among the program's interns, as well as with local governments and non-profit organizations. Interns attend connection events throughout the academic year where they share ideas, discuss readings relevant to community sustainability and hear from key regional sustainability leaders. These interactions provide opportunities for interns to share insights and lessons learned during the program within their respective communities and fields of study.

*The Sustainable Connections Internship Program has been very beneficial to us as an economic development organization. Our talented intern has brought a fresh perspective to how we consider and promote sustainability locally as well as how we engage our business and civic partners.*

- Misti Martin, President, Cherokee Office of Economic Development

## Sustainability Projects

Projects proposed by local governments and nonprofits may be focused on waste reduction and recycling, green building, energy efficiency, water conservation, air quality and transportation, land use, trees and greenspace and employee and community education.

Projects undertaken by past SCIP interns include:

- Inventorying sustainability initiatives
- Assisting with the development of a Green Infrastructure plan
- Monitoring stream health
- Educating the next generation about clean water
- Navigating green certification processes
- Aiding the implementation of a new greenway
- Developing a sustainability-focused strategic plan

## Project Proposals

Through partnerships with metro Atlanta colleges and universities, the internship program runs concurrently with the academic year (August 2018 through May 2019), with the option to continue internships into the summer of 2019.

- Applicants must be a local government or nonprofit in the metro Atlanta region.
- Applicants must have a specific, clearly defined project and there must be a clear role for an intern to assist with the project throughout the academic year.
- Applicants must describe the project, discuss how it relates to local goals and explain how its success would affect the community's environmental, social and economic health.
- Complete program guidelines may be found at [atlantaregional.org/sustainableconnections](http://atlantaregional.org/sustainableconnections)

Proposals must be submitted online by May 18, 2018. For any questions, please contact Crystal Jackson, Principal Planner, ARC Center for Livable Communities Natural Resources Division, at [cjackson@atlantaregional.org](mailto:cjackson@atlantaregional.org) or **470.378.1553**.

## Intern Placement Process

Students meeting the minimum qualifications who submit a completed application package are evaluated based on their educational background, expertise and academic/professional goals relevant to the local government/nonprofit project proposals.

Well-qualified students are invited for a first-round, in-person interview with ARC staff.

Three frontrunners for each available internship position are invited for a final interview with their prospective local government/nonprofit match. The community sponsoring the internship then decides which intern candidate they would like to hire.

Once SCIP interns are selected, ARC hands-off the hiring and onboarding process to the sponsoring organizations. ARC staff remains involved as a resource for both the students and organizations, as well as coordinates regular "connecting" events during the academic year.

## Important Dates

- **April 2, 2018** - Proposal Period Opens
- **May 18, 2018** - Proposal Deadline
- **June 2018** - Interviews Conducted
- **July 20, 2018** - Matches Notified
- **August 2018** - Internship Begins (*Concurrent with beginning of semester*)
- **May 2019** - Internship Ends (*May be continued into summer if the intern and community agree*)

Apply Online  
[atlantaregional.org/sustainableconnections](http://atlantaregional.org/sustainableconnections)



Atlanta Regional Commission

Atlanta Regional Commission  
40 Courtland Street, NE | Atlanta, GA 30303  
[atlantaregional.org](http://atlantaregional.org)

Link to form: <https://atlantaregional.org/natural-resources/sustainability/sustainable-connections-local-community-proposal/>

### Sustainable Connections Local Government Proposal

**There was a problem with your submission. Errors have been highlighted below.**

- Jurisdiction or Organization\*

City of Pine Lake

- Mailing Address\*

PO Box 1325 Street Address Address Line 2 Pine Lake City Georgia  
State 30072 ZIP Code

This field is required. Please enter a complete address.

- Physical Address (if different)

462 Clubhouse Street Address Address Line 2 Pine Lake City Georgia  
State 30072 ZIP Code

- Primary Contact Name\*

First Name Last Name

This field is required.

- Primary Contact Title\*

This field is required.

- Primary Contact Phone\*

Phone format: (###) ###-####

This field is required.

- Primary Contact Email\*

This field is required.

- Briefly describe the project for which you are requesting assistance:\*

Collect and compare Tree ordinances from various cities in the Atlanta Area. Working with City Council members, evaluate, simplify and revise existing Pine Lake Tree Ordinance.

This field is required.

- Identify and discuss how this project relates to local goals, and explain how its success would affect the community's environmental, social, and economic health:\*

This field is required.

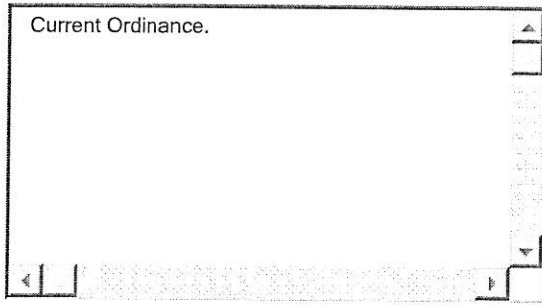
- Describe the specific tasks and final deliverables for which you are requesting assistance (scope of work):\*

- Determine cities to use for comparison.
- Acquire Tree related ordinances from at least five cities.
- Report on comparison of major aspects of the ordinances.
- Suggest changes to existing Current Pine Lake Ordinances.
- Work with Council members and City Attorney to implement ordinance.

This field is required.

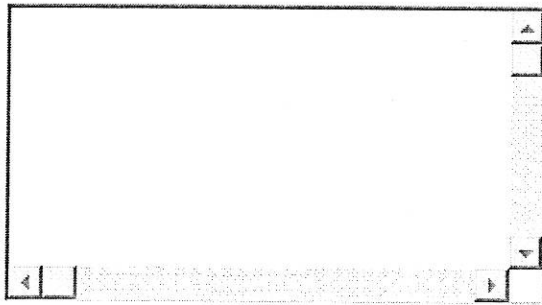
- If applicable, please identify materials that will be provided to the student to aid in completion of the project (reports, plans, etc.):\*

Current Ordinance.



This field is required.

- Describe how your leadership (administrators, elected officials, board members) has demonstrated support for this project and how they will be involved throughout the process.\*



This field is required.

- Identify key people who will work with the intern on this project\*

This field is required.

- **Certifications**

- 1) Name & Title\*

By entering my name and title in the box below, I certify that the Primary Contact identified above, or a designated representative of my jurisdiction/organization who is substantially involved with the internship project, will attend the final project presentations at the conclusion of the academic year in April 2019.

This field is required.

- 2) Select One:\*

- I certify that my jurisdiction/organization will pay the intern \$12/hour (undergraduate level) or \$14/hour (graduate level) for at least 10 hours each week for 13 weeks each semester (Fall 2018 and Spring 2019).
- Our jurisdiction/organization is only able to work with students seeking unpaid internships for class credit and understands ARC will try to match us with such an intern, but cannot guarantee availability of students seeking unpaid internships.

This field is required.

- Name & Title\*

By entering my name and title in the box below, I certify that the selection above regarding intern compensation is correct.

This field is required.

- **Signatures**

In order to demonstrate full commitment to implementation, the completed application must be signed by the chief elected official in your jurisdiction/executive director of your organization. Applications will not be accepted without a signature. All other elected officials are encouraged to sign the application as a show of support for the effort.

- Upload Signature Document\*

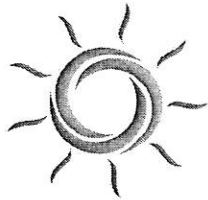
Accepted file types: pdf, doc, docx, png, jpg, jpeg.

This field is required.

- Upload additional Supporting Materials (optional)

Accepted file types: pdf, doc, docx, jpg, jpeg.

Any supplemental materials that demonstrate community commitment - including plans, resolutions, newspaper articles or brochures.



SOUTHERN VIEW  
ENERGY

*the solar energy experts*

# Solar Inquiry Request for Information

Attn: Brandy Hall:

April 23, 2018

Pine Lake Ga

Good Morning Ms. Hall,

Thank you for reaching out to Southern View Energy Inc. for information on how to possibly move forward with a Solar Inquiry for Pine Lake Georgia. When evaluating the feasibility of a solar project for a specific region, multiple items must be considered for design. The first and most important component is the size of the system. This component dictates the location and the overall price for installation. In return, the price will determine the ROI when compared with the overall size. In the remaining portion of this document, I will give some design considerations that you can use to help determine what the overall scope of the work to come:

There are two different ways of interconnecting a solar array to the utility. The first type is called a "behind the meter" installation. What this means is that the solar arrays are installed in a manner that the energy is consumed on site by the end user. The value of the energy produced / consumed is the same as the retail rate paid as long as the energy is used. In the event of excess production, the energy is purchased back at a reduced rate.

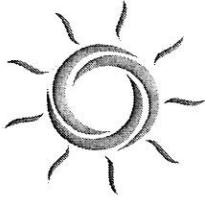
The second method of interconnection is what is known as a PPA (Power Purchase Agreement) In this case, the owner of the system will enter into an agreement with GA Power to purchase 100% of the energy at a specific rate for a specific period of time. The rates at which these PPA's are offered is normally around \$.04 to \$.06 cents per KWH. This rate is far below retail rate. However, if the systems are of large enough size, they could possibly cash flow to the positive based on the economy of scale

Since solar electricity is not a one size fit all component, the size of the system is usually determined by budget, amount of energy to offset, and/or desired ROI. All this begins with annual production of a system. Based on historical values, we can conclude accurately that 1 KW of solar panels will generate on average 1350 KWH per year. 1 KW of solar panels is

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SouthernViewEnergy.com ▪ Complete Solar Design, Installation & Service ▪ Licensed Electrical Contractor (GA, NC, SC)





SOUTHERN VIEW  
E N E R G Y

*the solar energy experts*

either 3 or 4 solar panels depending on preference and will take up an average of 60 to 80 sq ft. 1350 KWH equates to an offset of energy that translates to between \$125 to \$150 per year in savings. This is solely dependent on the cost of energy at the meter in which the energy is feeding. In addition, this number is dependent on whether or not the entire amount of energy that is produced by the solar panels is consumed within the facility and not sold back to GA Power at a reduced rate of approx. \$.04 cents per KWH. Using the information above, we determine what size system will work best by gathering utility bills and designing the system to meet the overall loads of the facility.

The above information gives direction on how to determine a system size based on energy offset. The next step is determining a system size based on cost. System pricing follows an economy of scale format. A 20 KW system's installed price is approx. \$2.20 per watt or \$45,000. A 100 KW system's installed price is approx. \$2.00 per watt or \$200,000. The installed cost per watt descends as the system sizes ascend. As well, a 500 KW system might go as low as \$1.55 per watt. Every price is specific to location and degree of difficulty with the installations.

In the end, the overall decisions to move forward with projects usually lie with the comparison to a system's cost vs. it's ROI. The tools that we use in order to aid in this determination will rely on (1) what is the equitable purchase price of the energy produced, (2) can the Federal tax credits be consumed by the purchaser, (3) would the system be considered a depreciable asset that falls within the MACRS depreciation schedule.(4) what is the cost of money? Or is there an interest rate applied to the money used for procurement? We take this and insert it into an excel spreadsheet and generate an expected ROI.

Once you have an opportunity to digest the above information, feel free to reach out to me and we can discuss the next steps: Specific size, Specific pricing, ROI speculation.

Warm Regards,

Scott Earp – President  
Southern View Energy Inc.  
770-560-9921

SOUTHERN VIEW ENERGY, INC. | 1013 Airport Street, Gainesville, GA 30501 | Office: (678) 833-5191

SouthernViewEnergy.com ▪ Complete Solar Design, Installation & Service ▪ Licensed Electrical Contractor (GA, NC, SC)