Roll Top Observatory & Restroom Project

August 13, 2026 Presentation

FRIENDS of HILLMOOR

Meeting the Commission Vision Statement

'We envision Hillmoor as a cherished place
where we enrich our lives by connecting with Nature,
ourselves, and others."

and Objectives

1. Natural Preservation
2. Outdoor Recreation
3. Sense of Community
4. Connectivity to the City
5. High Quality Structures

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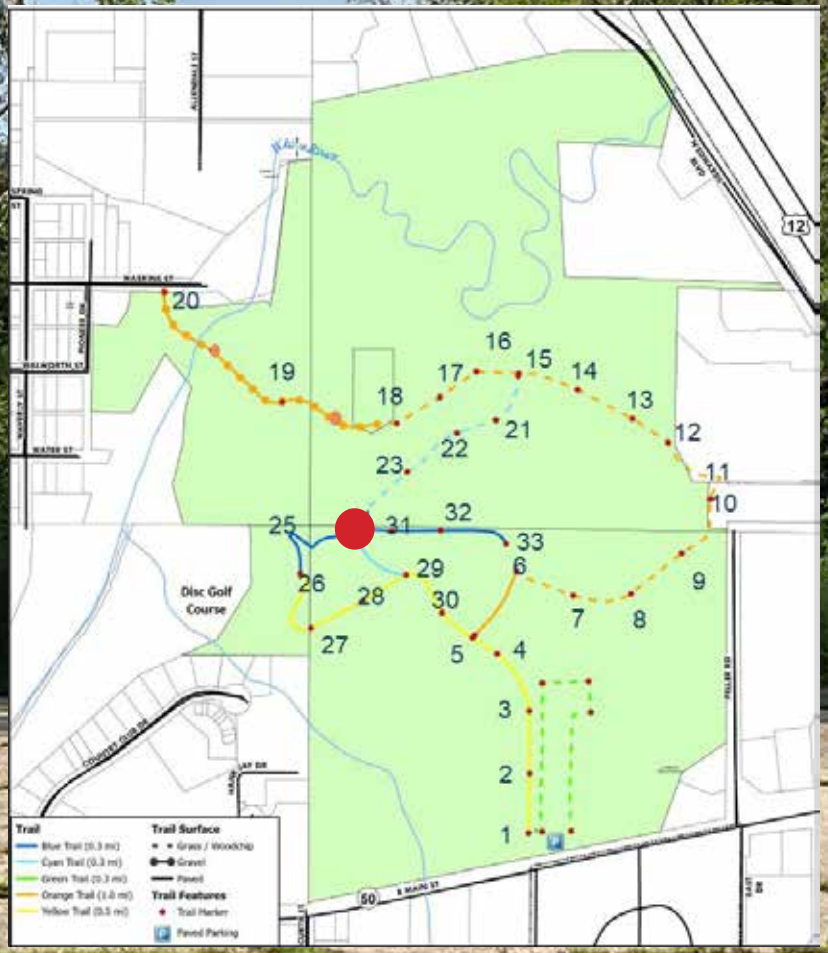
Proposed Location



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Previous Events

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Proposed Components

Roll Top Observatory

Restroom

Solar Canopy

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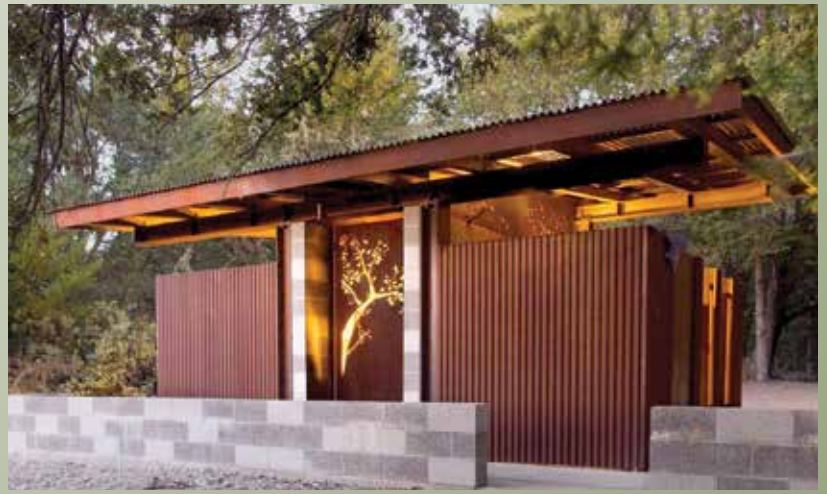
Ideas for Design



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Roll Top Observatory

Design determined by GLAS
Construction by Badger High School

Top rolls off to expose telescopes. Portion of building enclosed and protected from elements for temperature controls of computer and other equipment.

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Roll Top Observatory

14" Celestron

12"
Meade

24" Reflector - "Big Bird"

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Student Research Observatory

Adam McCulloch
Outreach & Education Manager
GLAS Education

Restroom

Package provided by Green Flush Restrooms
Multiple interior and exterior options
No utilities needed, but traditional design
Solar powered
Vault design
Proven track record and examples

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Restroom

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Solar Canopy

Design by Couillard Solar Foundation
Can be coordinated with Roll Top Observatory
Perfect for seating/rest area under shaded canopy

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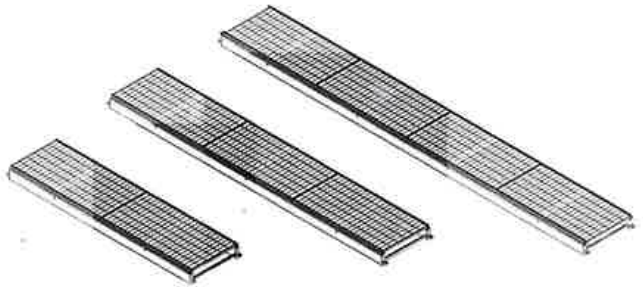
Introducing the CSF Solar Canopy. A sleek, elegant design with bifacial solar technology - to power your parks and outdoor spaces

Benefits

- A beautiful, functional solar array with an elegant design fitting any aesthetic
  - Outdoor spaces for communities or businesses
  - Parking lot shelters
- Weatherproof, and easy to install
- Flexible design
  - Includes wooden substructure specifically designed to support the canopy
  - Different beam lengths - and a variety of canopy sizes and energy outputs
- Bifacial panels create power from both front and back of the panel, take advantage of early/late light and are well suited to snowy climates
- Both canopy and support structure eligible for solar investments credits and rebates (consult your tax adviser)

With this unique, modular approach, design your array to accommodate the available footprint, desired power output and aesthetic requirements.

Each "ladder" consists of one beam, a row of panels and associated hardware. Order the size you need, with our specially designed wooden substructure to complete the full canopy design.



Community Project

City of Lake Geneva
Lake Geneva Park District
Badger High School
Lake Geneva J1 School District
Geneva Lake Astrophysics and STEAM (GLAS)
Couillard Solar Foundation
Focus on Energy
Lake Geneva Library
VISIT Lake Geneva
Go Astronomy
Wisconsin Astronomy

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Benefits

- Community effort on design and construction
- Unique concept as showcase for visitors
- Scientific education for community
- Solar education and training for students
- Rest stop on Hillmoor for hikers

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Thanks!

Questions or comments?

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