

Garden Based Learning

EB Shurts Greenhouse Proposal



SDW Environmental Education
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Why Garden Based Learning?

Positively impacts food choices

Increases awareness of and improves attitudes towards environment and nature

Improves classroom achievement

Nurtures responsibility, patience, and relationship skills

Provides physical activity

Lessens physical and emotional stress

Nurtures community connections

Purpose of a Greenhouse

Extension of the outdoor nature-based education

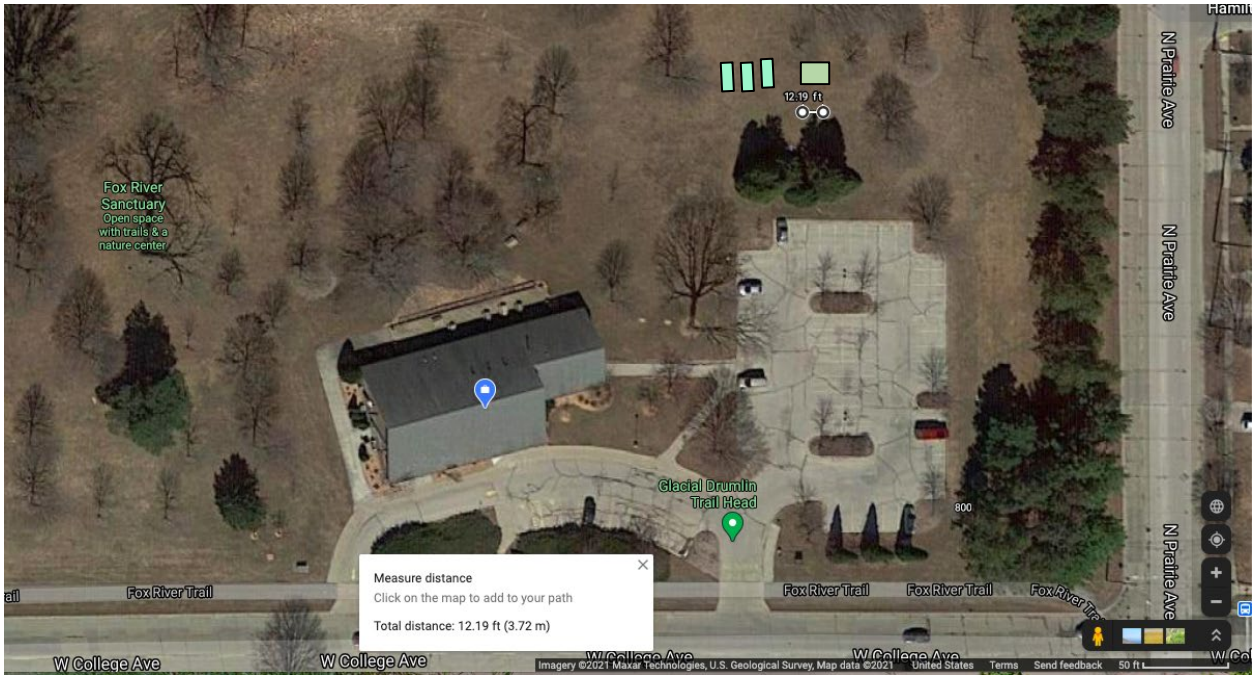
Further build hands-on, diverse learning opportunities

Connections between school, home and community

Extend learning beyond April-October

Provide service to our local community

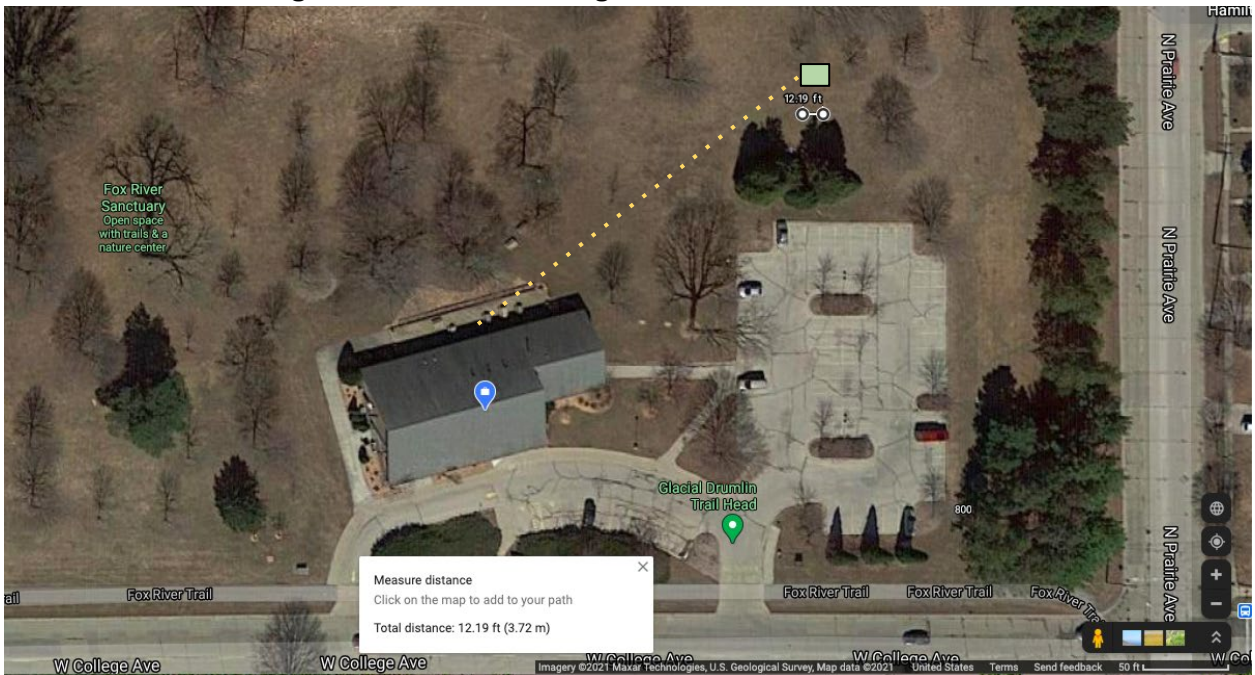
Phase One:
Green house location & current garden beds



Phase Two:
Green house location with ADA path



Line of sign from EB Shurts to greenhouse for camera surveillance



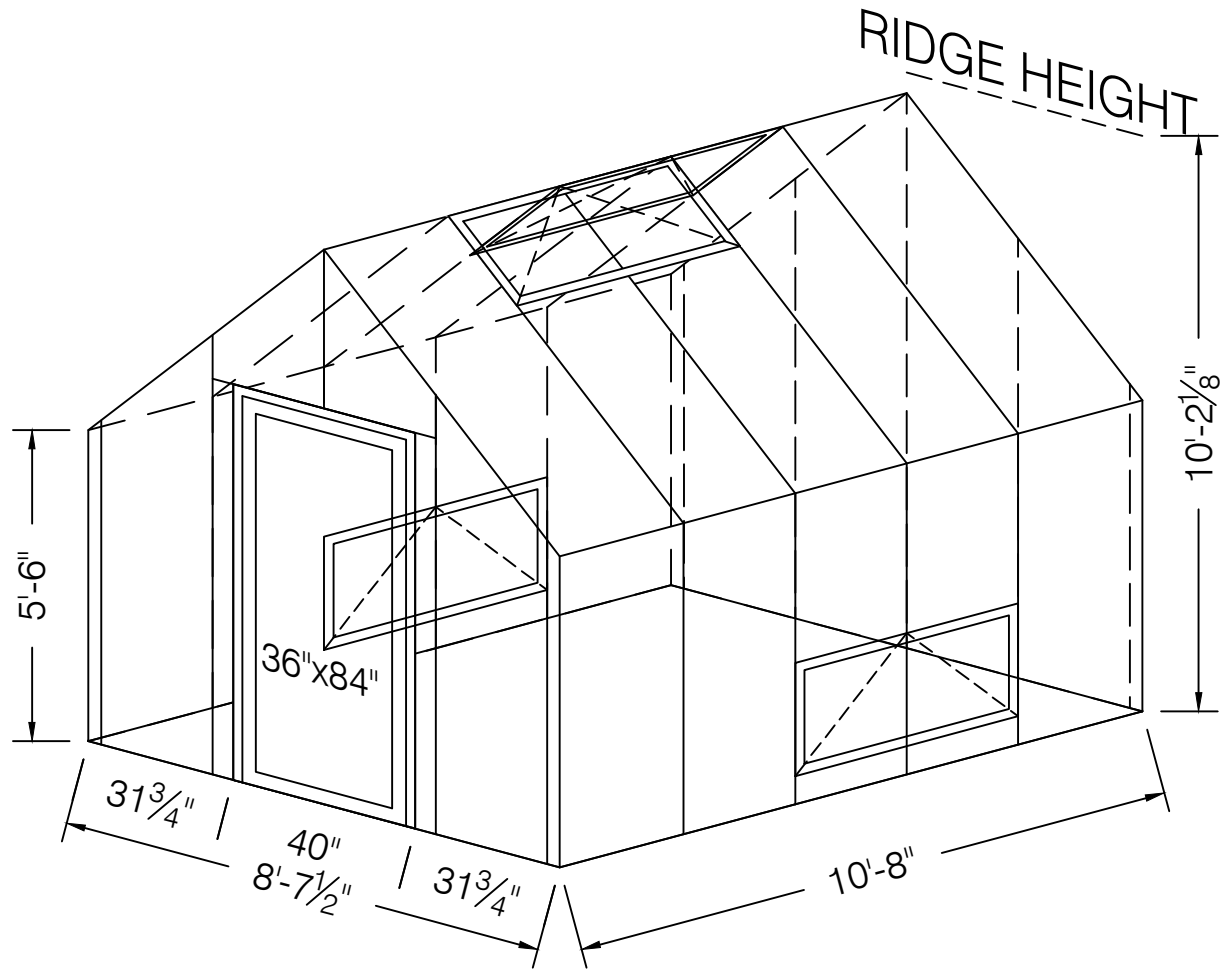
Greenhouse Style - Cape Cod

Brown Wood Framing, Gravel Floor



Note: will not have
base panels, will be
polycarbonate to the
bottom of the frame.

IMPORTANT NOTES: All dimensions are to the outside of greenhouse frame
 For layout purposes only, drawing does not show all infrastructure included
 Some accessories may need to shift position depending on infrastructure design
 Roof Slope: 12/12
 Door Drop: 0"



Customer:

Wisconsin Eisner

Date Created:

January 12, 2021

Revised:

January 12, 2021

Model:

CC810DG

Scale:

Custom

Sheet Name:

Layout

Drawn By:

JB

Page:

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Greenhouse Details

Approximately 12' x 8'

Semi permanent, installed on wooden foundation

Metal with 2 layer polycarbonate walls and 5 layer polycarbonate roof

Roof and side vents with screens

Wind loads 90 mph+, snow loads 30 lb+ & hail resistant

ADA compliant door with panic bar and double layer glass

Deadbolts plus wireless cameras for security

Use as a secondary classroom with benches and space for small group learning

Timeline

Phase One:

- February 2021 - Confirm location and receive city approval
- March 2021 - Sign greenhouse contract and pay deposit
- March-May 2021 - Continue to work with city planner and PRF board/staff to plan and complete all requisite documents
- July 2021 - Greenhouse installation
- July-August 2021 - Purchase materials and complete the inside preparation of greenhouse
- September 1 2021 - Begin use with students

Phase Two:

- February 2022 - Work with PRF Facilities department to design and confirm location for ADA path to greenhouse
- March 2022 - Work with Forestry department to plan and design landscaping around the greenhouse and path
- May 2022 - Install path and landscaping

Budget

Phase One: \$22,000

- Greenhouse construction \$19,000 ([Estimate](#))
- Greenhouse shelving, furniture, and supplies \$3,000

Phase Two: \$3,000

- Pathway
- Landscaping