

ROCK RIDGE



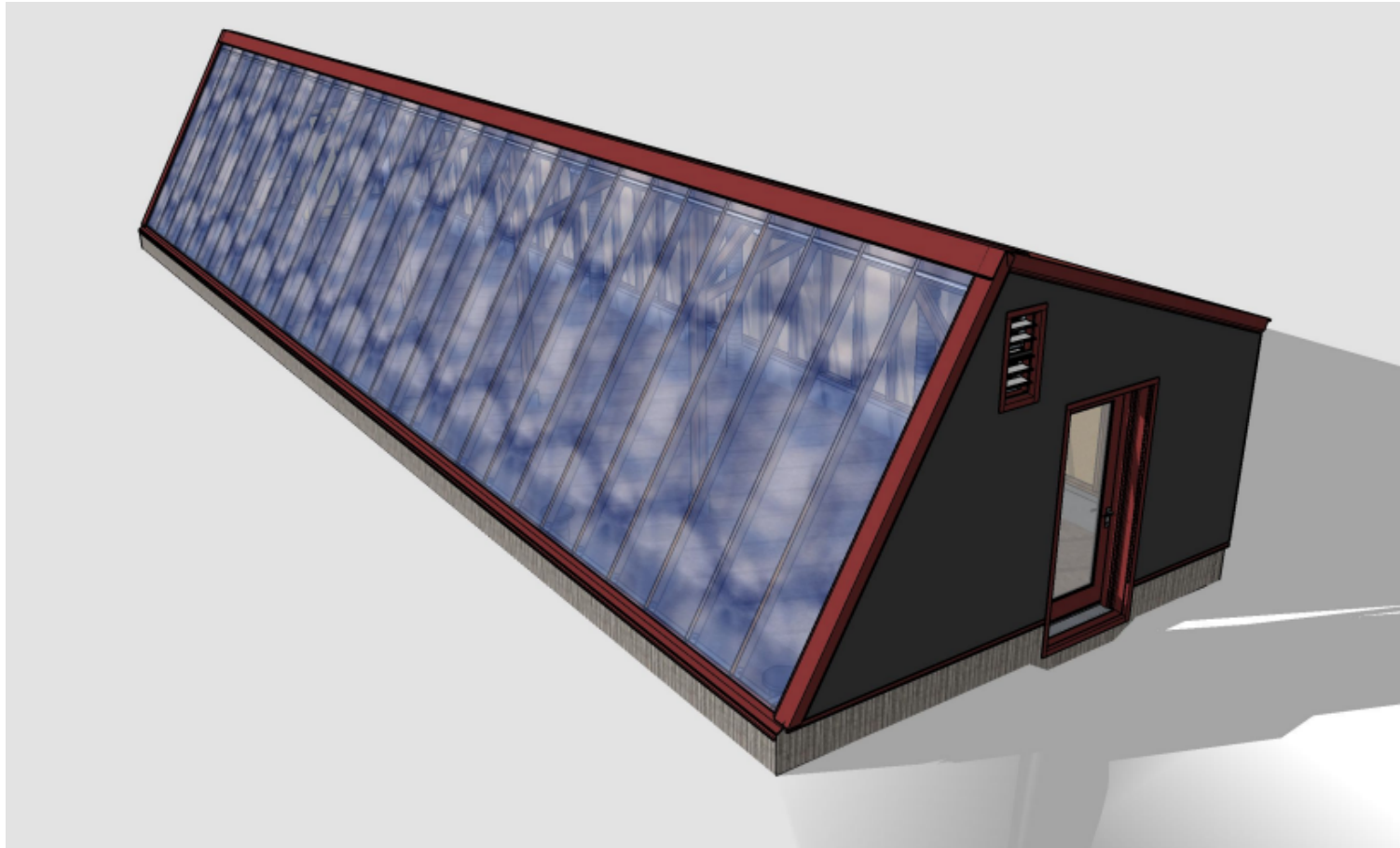
DEEP WINTER

GREENHOUSE

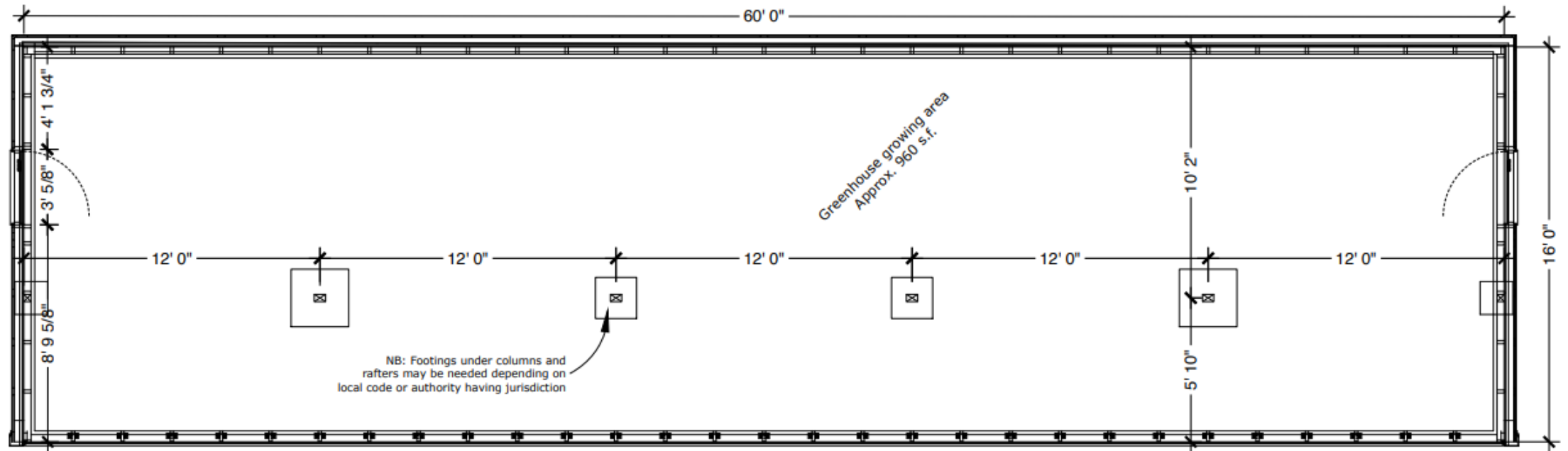
Rock Ridge HS Winter Greenhouse

March 23, 2025

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Dimensions: 16 ft x 60 ft (960 square feet)



Vision

- Year-round access to fresh, nutritious food
- Science, culinary arts, business, and agricultural education that supports the “academies model” of experiential, project-based learning.
- Would be available for both elementary and high school students on the Rock Ridge campus.
- Garden Club
- Work Study

Fundraising to date:

Funding Received	Expenses
Private donations: \$3750	Grant Writing/February 2024 - \$75 (IRRB grant not approved at this point)
Change within Reach – Whole Foods Co-op - Virginia: \$1728.65	Grant Writing/March 2024 - \$275 (IRRB grant not approved at this point)
CSI Earthfest – IRPS - \$1000	Grant Writing/April 2024 - \$100
Compeer Grant - \$5000 – will receive grant when project partially completed	Grant writing/October 2024 - \$275
Virginia Elks: \$500	Grant Writing/December 2024 and January 2025 - \$312.50
Urban Ag Grant: \$90,000	Grant Writing/June 2025 - \$150.00
IRRB grant writing - \$543.75	
Essentia Health Grant \$10,000	
Unite Way Grant \$5000	
Whole Kids Foundation School Garden Grant Program \$3000	
Total Funding Received \$120,522.40	Total Expenses: \$1187.50
Net: \$119,334.90	

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Estimated Cost: \$200,000 to \$250,000

- Permitting (DSGW) \$42,000 (Willing to work hourly to save cost)
- Excavation \$35,000 (Increased cost as need to remove asphalt)
- Foundation \$25,000
- Concrete Slab/possible sidewalk work \$20,000
- Materials \$45,000
- HVAC \$15,000
- Labor \$45,000 (Will be less is able to work with Greg Foster and the construction class)
- Extras (raised beds, lights, soil, etc,) \$8,000

Total: \$235,000

DSGW Proposal

Includes needed permitting to build on the Rock Ridge Campus

- Architectural
- Mechanical / Electrical
- Structural
- Civil
- Topographic Survey (If needed)

Funding Shortfall:

- Projected Cost **\$235,000**
- Current funds that can be used for building the greenhouse **\$110,000** (about \$10,000 designated for greenhouse coordinator/curriculum development).
- Shortfall: **\$125,000**
- May be significantly less if some labor is provided by Rock Ridge Construction class (estimated to save \$30,000+)
- The Deep Winter Greenhouse committee is currently working on other grants and a capital campaign.

Timeline

- Started work on this project in 2021
- Memorandum of understanding was signed with Rock Ridge - February of 2023
- Architectural drawing specific to Rock Ridge provided by Dan Handeen from U of MN - March 2025
- Updated cost estimate provided by Krause Anderson - April of 2025
- Hoping to begin work on greenhouse in conjunction with work being done on 1404 building

Request:

- Rock Ridge ISD 2909 commit up to \$100,000 to help complete the deep winter greenhouse.
 - Krause Anderson is willing to do the contracting as part of 1404 project at no additional cost.
 - Efficiencies and likely cost savings as utilities can be run to the greenhouse location while work being done on the 1404 building.
 - Would ask that some of the funds from Rock Ridge initially be used to cover the cost of permitting as outlined by DSGW. Up front cost of about \$40,000.
 - Hopefully with cost saving and fundraising efforts further funds would not be needed but give concern for higher expense than expected would ask the school board to approve a contribution up to a max of \$100,000.