

Giving Garden Eagle Project

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43016

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III. Project Narrative

The purpose of my project is to design and construct 2 elevated and 6 raised garden beds at the Giving Garden at Coffman Homestead in Coffman Park. It provides a sustainable, accessible, and easy-to-maintain gardening space. This project is aimed to support local gardening efforts, improve soil quality, and promote community involvement in gardening. The Giving Garden currently has 8 beds which have become dated and needs to be replaced with new beds. Elevated beds will also help with gardening activities involving senior and disabled members. The project uses design elements which are inline with the Dublin Historic Coffman Homestead Park.

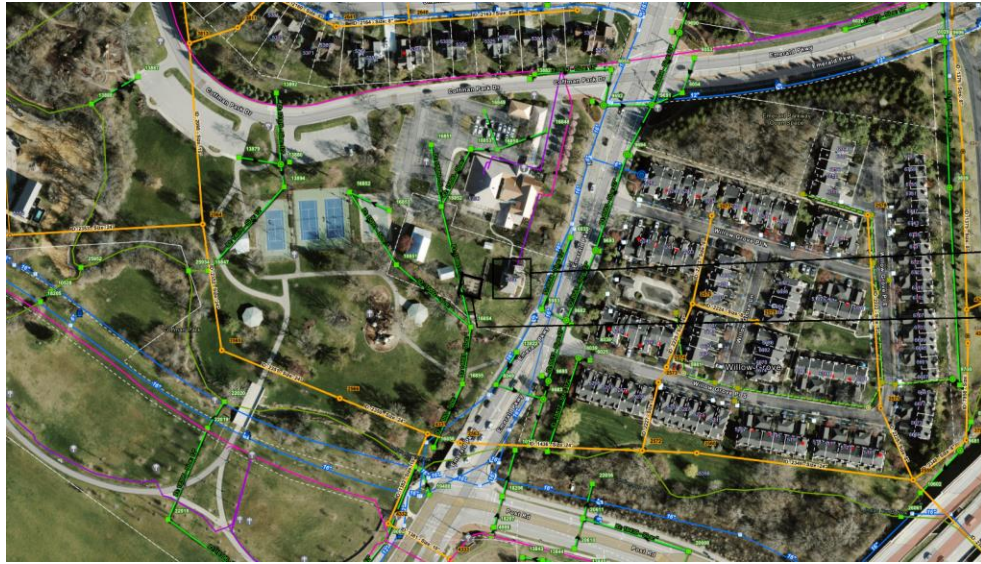
Relationship to the Historic Context and Character

The proposed design respects the historical integrity of the Dublin Historic Coffman Homestead by integrating materials and styles that reflect the surrounding heritage. Cedar wood will be used to prevent rot and the style will not be too complicated. The elevated and raised garden beds will blend with the site's aesthetic, preserving the historic charm while introducing functional improvements.

Alignment with Applicable Guidelines

The project aligns with the Dublin Community Plan, Historic District Code, and Historic Design Guidelines by promoting sustainability, accessibility, and community engagement—values emphasized within these documents. The elevated garden beds enhance accessibility for senior and disabled members, fulfilling inclusive design principles while maintaining visual harmony with the Historic District.

- **Vicinity and Context and Existing Conditions plan**



- Dublin Historical Society Building
- Location of Giving Garden Project
- Color Legend for Utilities:**
 - Water system
 - Storm water system
 - Sanitary system
 - Fiber / Dublin



- Dublin Department of Development Building
- Dublin Historical Society Building
- Location of Giving Garden Project
- Color Legend for Utilities:**
 - Water system
 - Storm water system
 - Sanitary system
 - Fiber / Dublin

Existing Beds in Giving Garden





- **Proposed Plan**

We are proposing to put 2 elevated beds on the northern side of the garden. These beds will have enough sunlight as they are elevated beds and will be a good addition to grow most herbs like cilantro, parsley, and rosemary, basil, green onions, chives etc.

Along with raised beds, will add new 6 beds by removing existing beds.

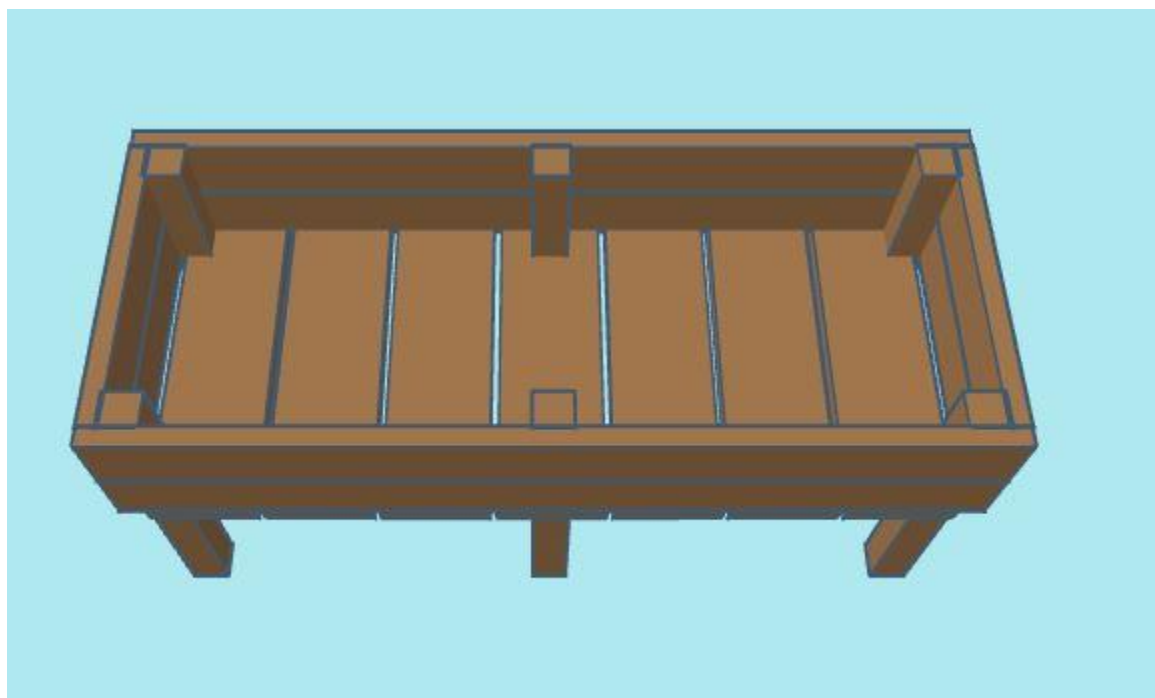
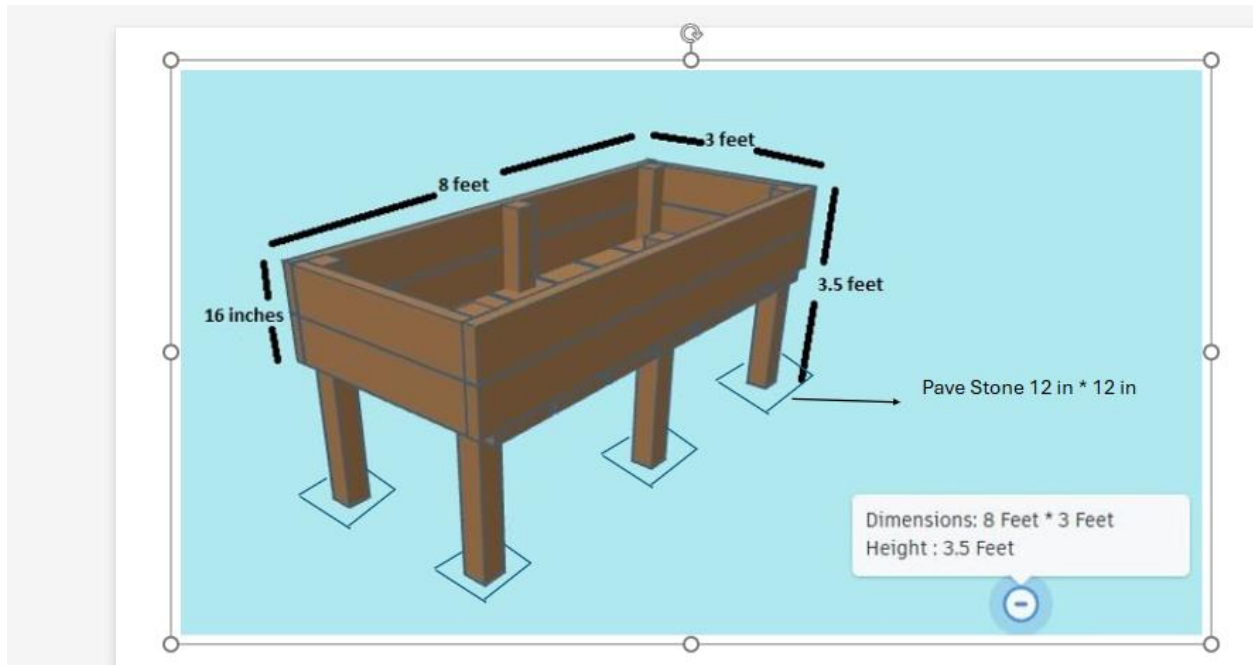


● Proposed Elevated Bed Designs

These are 2 elevated beds each with 8 feet long, 3 feet in width, 3.5 feet height and depth of 16 inches.

The depth of 16 inches would help to grow small to medium herb plants.

These beds will be filled with raised bed soil.

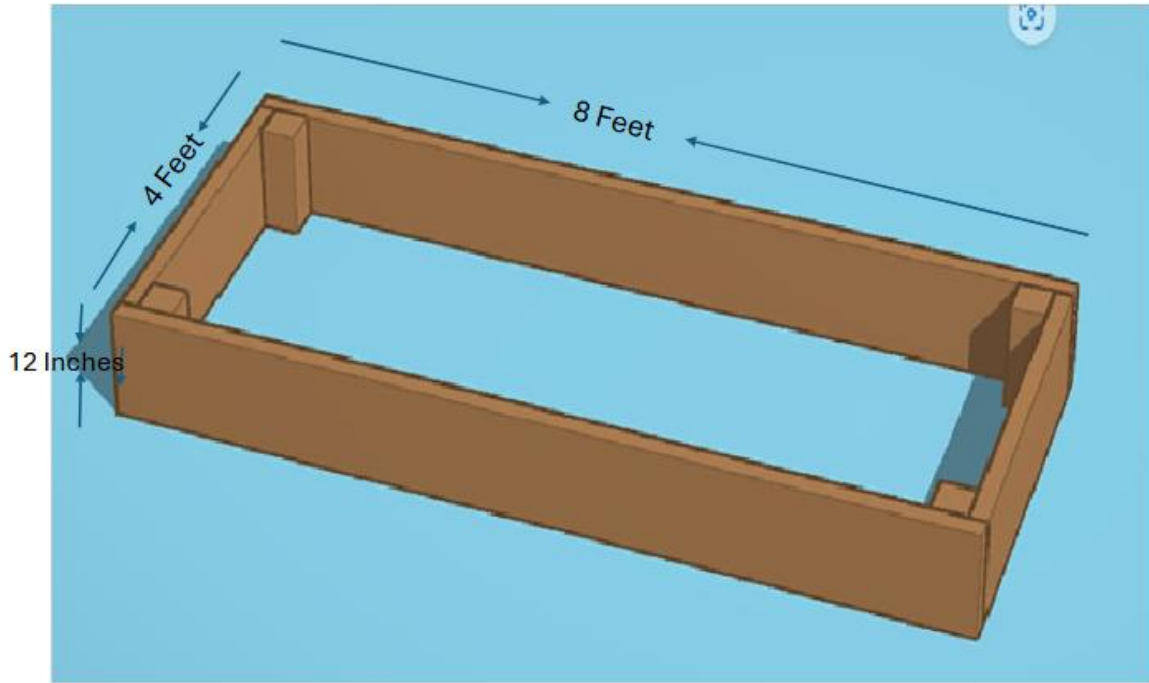


Example of Similar Elevated Bed



- **Proposed Raised Garden Bed Design**

Existing beds will be removed and new 6 raised beds will be added to the garden. Dimensions for each bed will be 8 * 4 Feet and will be 12 inches in height. New soil / compost will be added back to these beds along with existing soil from the raised beds.



Example of Similar Raised Bed



● Material Required

Name	Dimension	Quantity	Estimated Cost
Cedar Lumber	4 inch * 4 Inch * 8 Feet	9	\$440.82
Cedar Lumber	2 Inch * 8 Inch * 8 Feet	12	\$599.88
Cedar Lumber	2 inch * 6 Inch * 8 feet	36	\$1122.48
Cedar Lumber	2 inch * 6 inch * 10 feet	11	\$296.89
Cedar Lumber	1 inch * 2 Inch * 8 feet	6	\$28.44
Structural Wood Screws	4 Inch	600	\$449.64
Galvanized Hardware Mesh	4* 25 Feet	1	\$47.31
Landscaping Fabric	4* 100 Feet	2	\$119.96
Concrete Patio Stone	12 inch * 12 Inch	12	\$22.56
Finished Nails	1.5 Inch	2000	\$11.88
Total Estimated Project Cost			\$3139.86

Note: Apart from above material, we will also require Raised Bed / Elevated Bed soil and compost for all 8 beds.

● Reference Links for Material Estimates

https://www.lowes.com/pl/lumber-composites/framing-lumber/dimensional-lumber/cedar/4294402500-4294671555

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Common Measurement (T x W)

- 2-in x 4-in (3)
- 2-in x 6-in (1)
- 4-in x 4-in (2)

Wood Species (1)


- Cedar (6)
- Pine (3)
- Southern yellow pine (12)
- Spruce pine fir (8)
- Whitewood (3)

[+ See All](#)


For Use With

Grade


Price



4-in x 4-in x 8-ft Cedar Green Lumber
\$48⁹⁸
3.8 ★★★★★ 36
Actual Dimensions: 3.75-in x 3.75-in x 8.0-ft
Wood Species: Cedar
Dressing: Rough
Pickup 24 Nearby at N.E. (9.8 mi. away)
Delivery to 43017




2-in x 4-in x 8-ft Cedar Green Lumber
\$21⁷⁸
3.9 ★★★★★ 37
Actual Dimensions: 1.75-in x 3.75-in x 8-ft
Wood Species: Cedar
Dressing: Rough
Pickup 63 Nearby at S.W. (12.7 mi. away)
Delivery to 43017



2-in x 4-in x 8-ft Cedar Gre
\$21⁷⁸
3.7 ★★★★★ 3
Actual Dimensions: 2-in x 4-in
Wood Species: Cedar
Drying Method: Green
Pickup 63 Nearby at S.W.
Delivery to 43017

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580

4 in. x 4 in. x 8 ft. Western Red Cedar Fence Post (2-Pack)

by **Outdoor Essentials** >

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- Pack includes 2 cedar 8 foot fence posts

Nominal post height (ft.): 8 ft

6 ft 8 ft

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- Common Measurement (T x W) (1)**
- 2-in x 4-in (3)
 - 2-in x 6-in (1)
 - 4-in x 4-in (2)
- Wood Species (1)**
- Cedar (1)
 - Pine (1)
 - Spruce pine fir (5)
 - Whitewood (1)
- For Use With**
- Availability**
- Show Model & Item Number



2-in x 6-in x 8-ft Cedar Kiln-dried Lumber

\$31.18

4.6 ★★★★★ 7

Actual Dimensions: 1.5-in x 5.5-in x 8-ft

Wood Species: Cedar

Dressing: S4S

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FastenMaster
TimberLOK Structural Wood Screws - 4 inch wood screws with hex head - Black (50 Pack)
 ★★★★★ (1048) Questions & Answers (55)

1.2k

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- 4 inch wood screws with hex head
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Size: 3/16 in

Hurricane Clip & 10 Nails

0:05

6" TimberLOK requires no predrilling

- ✓ Install at 22½° angle
- ✓ 5 seconds

0:26

A H2.5 clip requires 10, 8D nails (specified by clip manufacturer)

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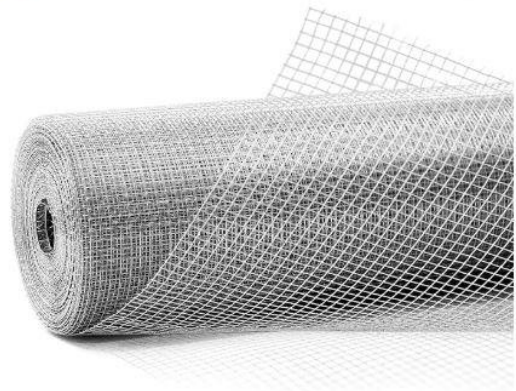
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3 ft. x 10 ft. \$20.71	3 ft. x 25 ft. \$39.49 (\$0.53 / Sq Ft)	3 ft. x 50 ft. \$59.42	3 ft. x 100 ft. \$102.59 (\$0.34 / Sq Ft)	4 ft. x 25 ft. \$47.31
4 ft. x 50 ft. \$85.49 (\$0.43 / Sq Ft) \$99.99				





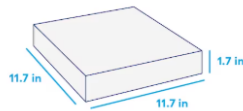
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Model Number: 1071148 | Menards® SKU: 1071148

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