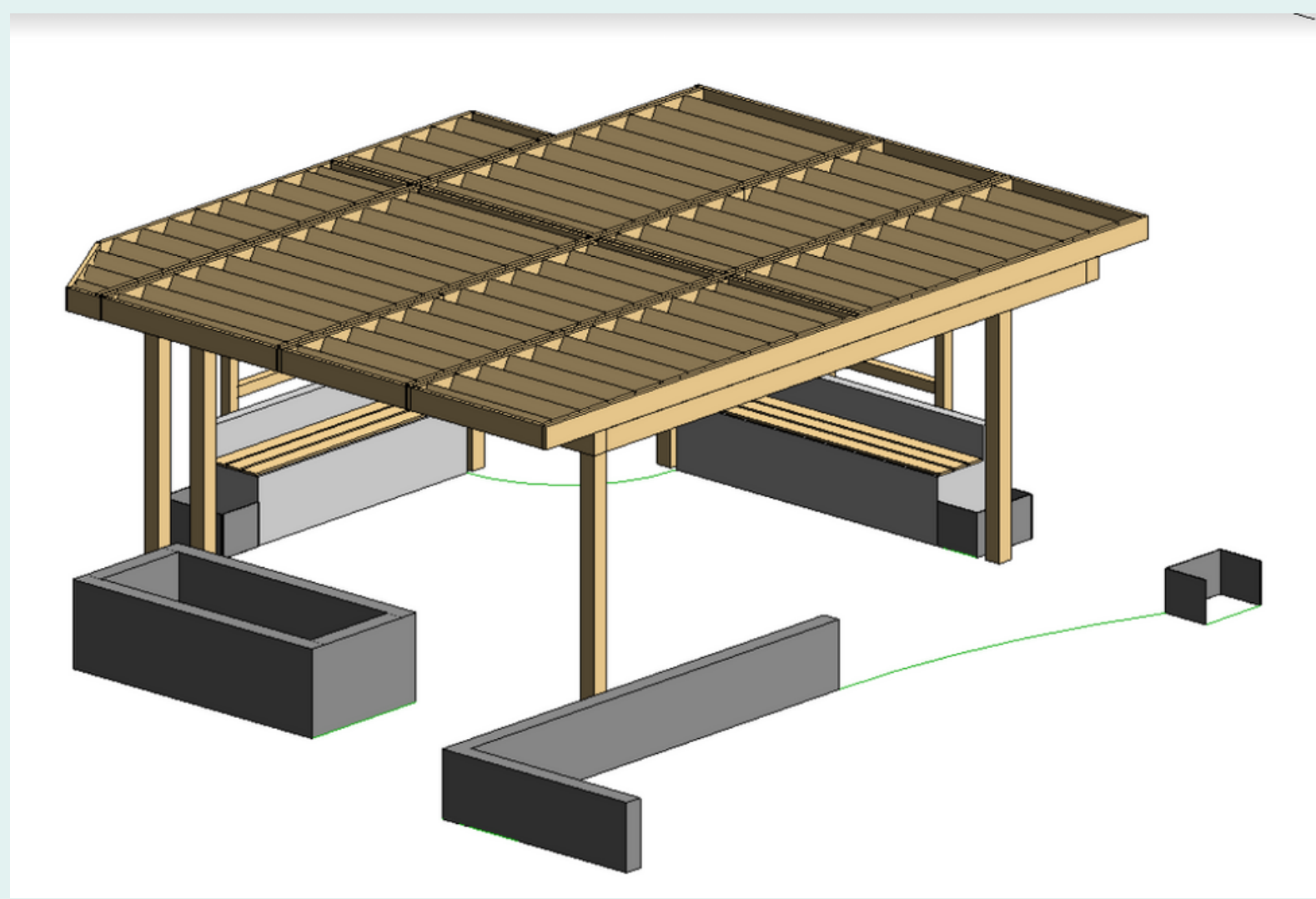


# The Preconstruction Work for the Shaded Structure at Growing Grounds

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## Growing Grounds

Growing Grounds is a non-profit organization in San Luis Obispo that aims to assist those struggling with mental illness through horticulture, community, gardening, and supportive resources.



## Abstract

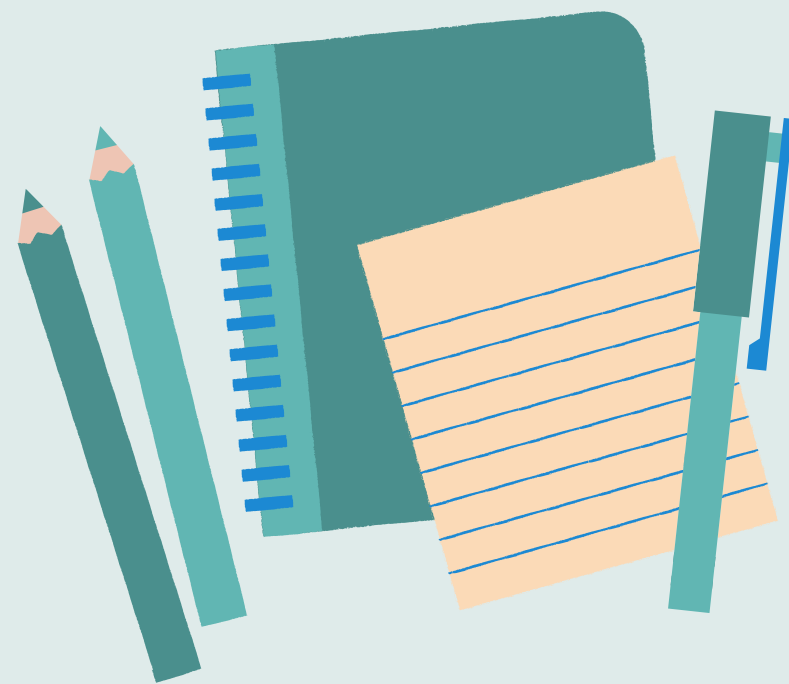
When beginning a project, one must take vast consideration into the plan. For a construction project, this means considering how long the project will take, how much it will cost, what materials will be used, who will build it, where the money will come from, and who will utilize the space. This paper analyzes all this preconstruction work for a shaded structure at Growing Grounds. The Growing Grounds shared community space in San Luis Obispo, California, provides incredible resources and opportunities to the people in the area that struggle with mental health. Through horticulture, the volunteers must work hard to keep the many plants alive but can get easily tired in the hot San Luis Obispo sun. Designing a shaded structure that works for the many volunteers at Growing Grounds was an important part of this senior project. In addition to creating a design, the student completing this project was also in charge of doing a take-off, establishing a budget, and setting up a schedule. Through hard work and dedication, the preconstruction scope of work for the shaded structure at Growing Grounds was completed. This paper delineates the preconstruction plan to complete the shaded structure.

## Budget Scope

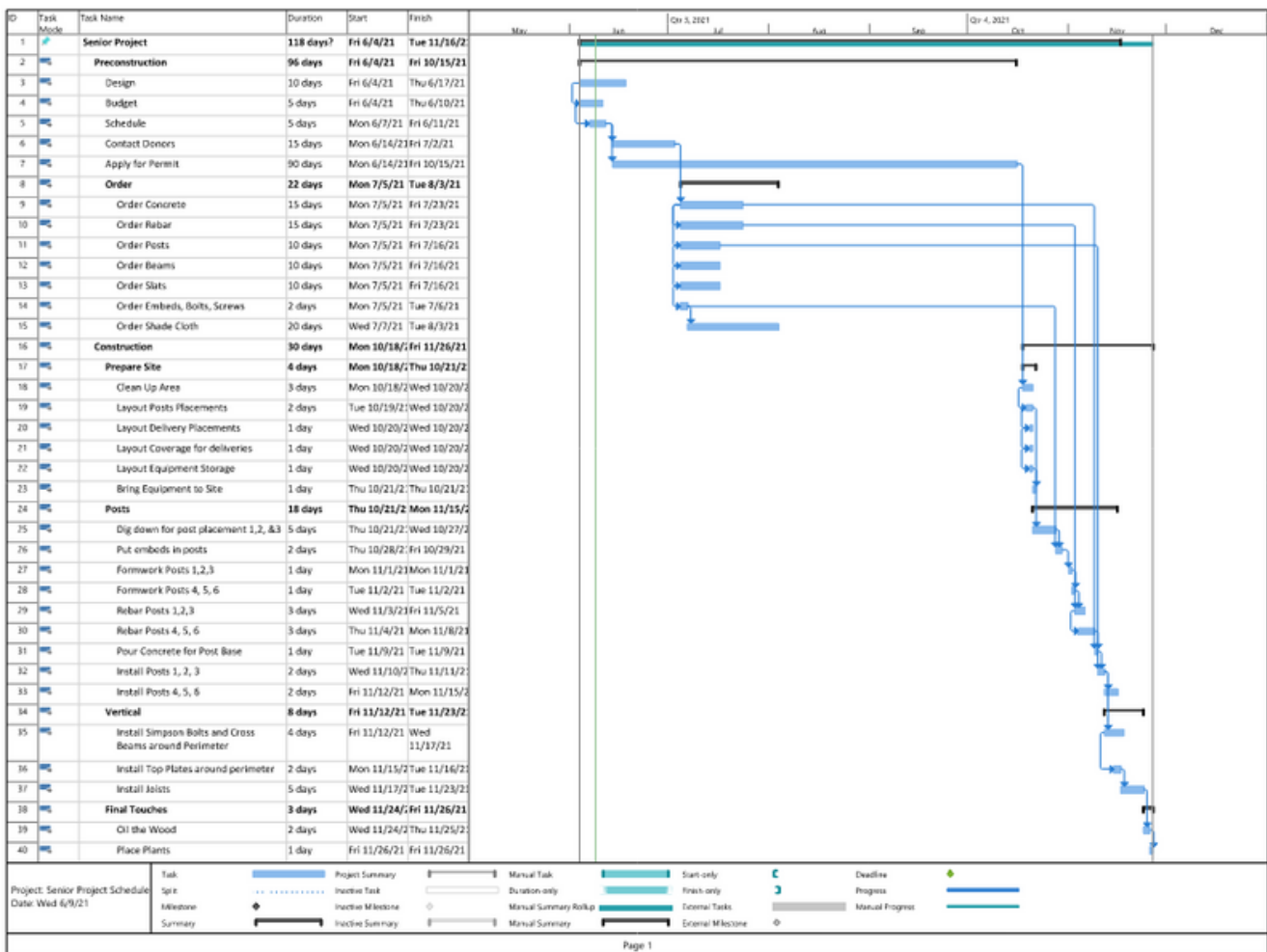
Table 1				
Cost of Building Permit			\$	5,000.00
Cost of Concrete			\$	150.00
Cost of Lumber			\$	2,641.67
Cost of Hardware			\$	1,920.01
Cost of Equipment			\$	-
Subtotal			\$	9,711.68
Taxes			\$	971.17
Overall Project Cost			\$	10,682.85

## Lessons Learned

- Collaboration is Key
- Not everything will go to plan
- You cannot do everything alone.
- Even small projects can be expensive.



## Schedule



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