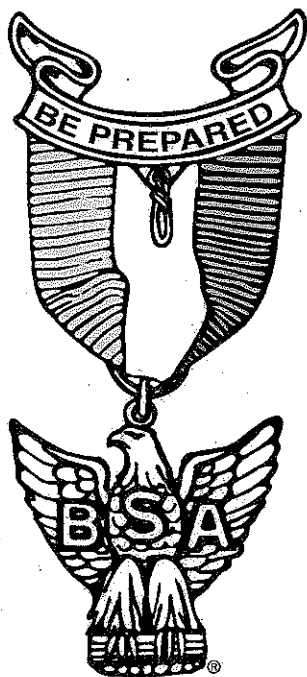


Eagle Scout Leadership Service Project Workbook



John Paul Brooks

Scout's name

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Address

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12-21-1994

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Date of birth

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E-mail (optional)

Troop 75

Unit No.

Monticello

District

Stonewall Jackson Area Council

Local council

Dean Wenger

Unit leader's name

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Address

(434)974-9298

Telephone No.

Paula Knight

Unit advancement committee person's name

505 Nottingham Road ,Charlottesville, Va 22901

Address

(434)978-7444

Telephone No.

PROJECT DESCRIPTION

Project name Raised Scientific Plant Beds

Describe the project you plan to do.

For my Eagle Scout service project I will be making two Raised Scientific Plant Boxes and three Bird Feeders for Sutherland Middle School. The project will be in the front of the school with the two boxes being between three trees in the grassy area between the two main entrances. The bird feeders will be spread out in the front, with two of them in the front eighth grade courtyard and the other one in the courtyard where the boxes are. The plant boxes will be made from pre-treated four by four landscaping timbers. The boxes will be 8 feet by 4 feet rectangles, and they will be extended by 1 foot. The boxes will be secured in the ground with rebar that is four inches in the ground and will be placed at the end of each timber with one in the middle for extra support. Underneath each of the boxes will be 50 square feet of weed mat. I will be filling the boxes half way with organic soil. Around the boxes front and two sides will be brown mulch, and the mulch will go up by four inches from the ground or the height of one landscaping timber. With in the mulch will be 16 assorted size natural cut stones to add beautification to the project. The bird feeders will be made from 32" by 23" by 2" treated pine plywood. The base will be 8 inches by 8 inches, and have two sides that are 8 inches long and 1 inch high. With the other two sides being six inches long and one inch high. The roof support will be 5 inches long and 6.5 inches high with a width of two inches. The roof will be two pieces that are 9 inches by 4.5 inches with a width of 2 inches. The bird feeders will be posted on a 2 inches by two inches by 8 feet long pretreated poles. The poles will go 2 feet in the ground. The bird feeders will be kept together with screws to make them hold for a longer time. This project will be a big help to Sutherland Middle School.

What group will benefit from the project?

Sutherland Middle School

(434)975-0599

Name of religious institution, school, or community

Telephone No.

2801 Powell Creek Drive

Charlottesville

Virginia

22911

Street address

City

State

Zip code

My project will be of benefit to the group because:

My project will help Sutherland Middle school by being used as a tool of study and for education to the students. Teachers will be able to have a visual aid to show how plants grow. Students will also be able to use the plant boxes for experimental purposes, for example; to find what the best type of soil is for plants to grow in. The bird feeders can be used to observe birds, along with students learning how to identify different types of birds. They can also learn the feeding habits of the local birds. The plant boxes and bird feeders have also a second purpose. For a long time now Sutherland has need some beautifications done to the outside of the school, my project will help those needs. My plant boxes, when not being used for learning, will have flowers in them to add some color to the front of the school. The bird feeders will enhance the look of the front of the school by bringing in birds for people to look at. In conclusion my project will help the needs of beautification and will be a great tool of learning.

This concept was discussed with my unit leader on

Date

The project concept was discussed with the following representative of the group that will benefit from the project.

Representative's name

Date of meeting

Representative's title

Phone No.

PROJECT DETAILS

Plan your work by describing the present condition, the method, materials to be used, project helpers, a time schedule for carrying out the project, the estimated cost of the project, and how the needed funds will be obtained. Describe any safety hazards you might face, and explain how you will ensure the safety of those carrying out the project.

If appropriate, include photographs of the area before you begin your project. Providing before-and-after photographs of your project area can give a clear example of your effort.

The Present conditions of Sutherland Middle Schools front court yards are just grassy with a few trees. The large court yard is between the main two entrances and the eighth grade front court yard is between the main entrance and the eighth grade wing entrance. The boxes are on a small incline, but that will be taken care of when grass is scraped off and the weed mat goes down. The two Plant Boxes will be each made from 9 pre-treated four by four landscaping timbers. Six of them are full 8 feet long for the front, and back and three of the rest will be cut in half into 4 feet long timbers for the sides. The Boxes will be eight feet by four feet rectangles and they will be raised by 1 foot. The boxes will each be secured in the ground with twelve 18 inch long rebar that are 4 inches in the ground and will be placed at the end of each timber with one in the middle for extra support. Underneath each of the boxes will be 50 square feet of weed mat, which will extend pass the boxes by 1 foot on the sides and front. I will be filling each of the boxes half way with organic soil. Around the boxes front and two sides will be brown mulch, and the mulch will go up by four inches from the ground or one height of a landscaping timber. In the mulch will be sixteen assorted sized natural cut stone. The bird feeders will be made from 32" by 23" by 2" treated pine plywood. I will have two sheets of plywood with one for making the bases. The base will be 8 inches by 8 inches, and have two sides that are 8 inches long and 1 inch high. With the other two sides being 6 inches long and 1 inch high. The roof support will be 5 inches long and 6.5 inches high with a width of 2 inches. The roof will be two pieces that are 9 inches by 4.5 inches with a width of two inches. The bird feeders will be posted on 2 inches by two inches by 8 feet long pretreated poles, which will be going 2 feet in the ground. The bird feeders will be kept together with screw to make the hold for a longer time. I estimate the project to cost me between 200 dollars and 250 dollars. For my schedule of building, I believe that the project will take about four days. I will need about fifteen to twenty scouts with about three adults to help out each day. I will be separating the scouts into two groups. One small group working on the bird houses, and another group large group working on the plant boxes. And I will be providing the food during the day. The scouts that come to work on my project should bring if they have it, rulers, gloves, safety glasses, shovels, spades, rakes, cordless drills, and if any adults has a band saw. The first hazard is the power tools. But that will be solved because when a scout uses a power tool like a drill, they will have adult supervision. For the extremely dangerous power tools like a band saw, I will have only a adult to be able to use it.

The second hazard is potential of pipes and wires getting cut or broken because the bird feeders and the rebar will be in the ground. But that will be solved because a week before I start the project I will have Miss Utility to check the ground for wires and pipes. The third hazard could be dehydration, but to prevent that I will supply bottles of water and the scouts should bring water to the project. Also since the sun will be out during the build scouts and adults should always have sunscreen to prevent sunburn. So all hazards shall be eliminated to make the project safer for the scouts.

"BEFORE" PHOTOGRAPHS



Approval Signatures for Project Plan

Project plans were reviewed and approved by

Religious institution, school, or community representative	Date	Scoutmaster/Coach/Advisor	Date
<i>[Signature]</i>	7/27/11		
Unit committee member	Date	Council or district advancement committee member	Date

IMPORTANT NOTE: You may proceed with your leadership service project only when you have

- ☐ Completed all the above mentioned planning details
- ☐ Shared the project plans with the appropriate persons
- ☐ Obtained approval from the appropriate persons

CARRYING OUT THE PROJECT

Record the progress of your project. Keep a record of how much time you spend planning and carrying out the project. List who besides yourself worked on the project, the days they worked, the number of hours they worked each day, and the total length of time others assisted on the project.

If appropriate, list the type and cost of any materials required to complete the project. If your original project plan changes at any time, be sure to document what the change was and the reason for the change.

Hours I Spent Working on the Project

The length of time spent should be as adequate as is necessary for you to demonstrate your leadership of two or more individuals in planning and carrying out your project.

Hours I spent: Planning the project _____ Carrying out the project _____

Total hours I spent working on the project: _____

Hours Spent by Scouts, Venturers, or Other Individuals Working on the Project

Name	Date	No. of Hours
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Total number of hours others worked on the project: _____

For a grand total, add the total number of hours you spent on the project to the total number of hours others worked on the project: _____

Materials Required to Complete the Project

Type of Material	Cost of Material
1 Du Pont weed free pro 3x100	24.47
18 Georgia pacific timbers 8'x4'x4'	35.46
10 Miracle gro organic soil 2cubic ft	69.70
4 Garden pro mulch 2 cubic ft	14.00
2 sand pine plywood 23"x32"x2"	14.64
3 treated pine poles 2"x2"x8'	8.91
24 Rebar pins 1/2"x18	47.28
Total	214.46

Donations Received

Name	Amount
40 assorted natural stone donated by Luck Stone est.	28.00

Scale 1 cube=1inch

82

118

1st

8

61/211

Roof

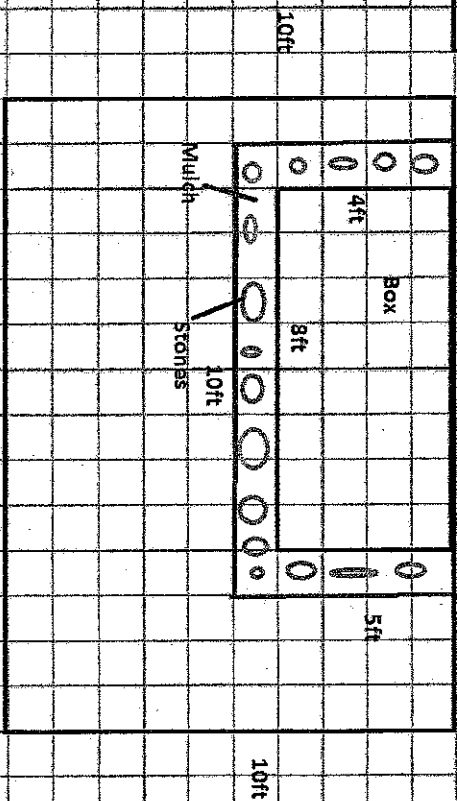
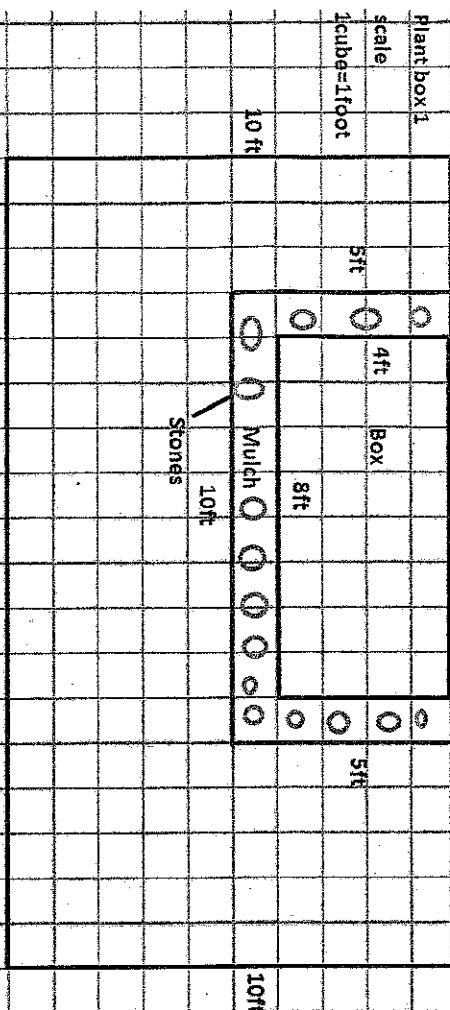
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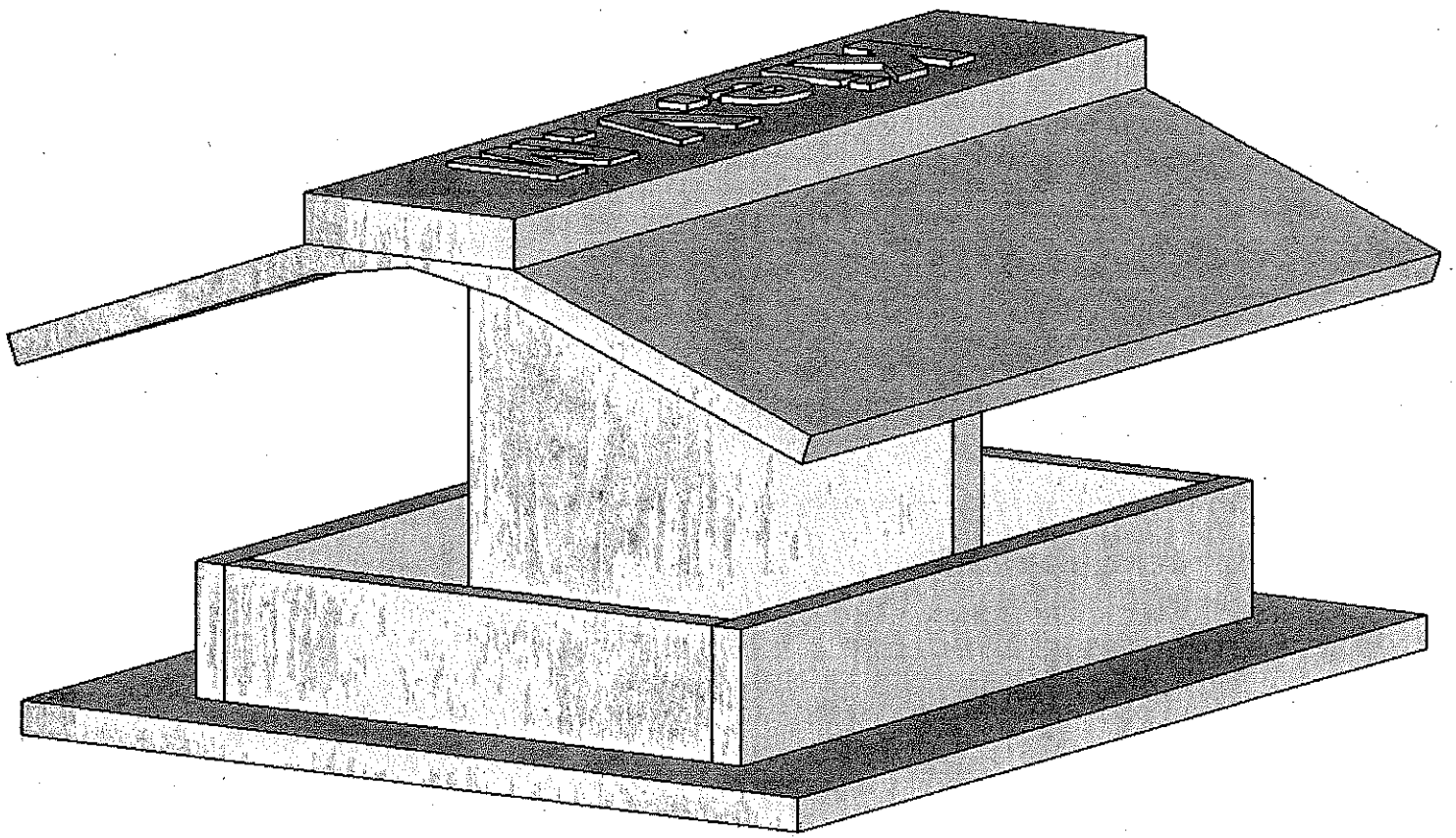
51

4-2/2

911

126





Changes

List any changes made to the original project plan and explain why those changes were made.

"AFTER" PHOTOGRAPHS

Including photographs of your completed project (along with the "before" photographs on page 9) helps present a clearer overall understanding of your effort.

Approvals for Completed Project

Start date of project _____

Completion date of project, including paperwork and final signature _____

The project was started and has been completed since I received the Life Scout rank, and is respectfully submitted for consideration.

Applicant's signature

Date

This project was planned, developed, and carried out by the candidate.

Signature of Scoutmaster/Coach/Advisor

Date

Signature of the representative of religious institution, school, or community

Date