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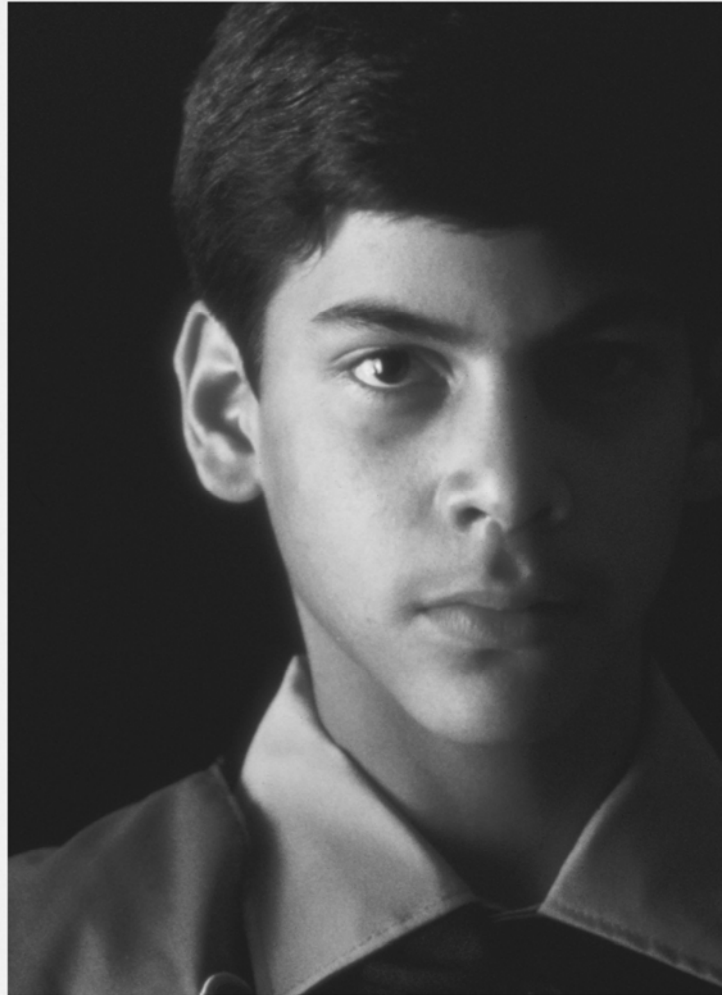
# Eagle Scout

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# Leadership Service

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# Project Workbook



BOY SCOUTS  OF AMERICA®



**BOY SCOUTS OF AMERICA**

National Office  
1325 West Walnut Hill Lane  
P.O. Box 152079, Irving, Texas 75015-2079  
972-580-2000

## **Message from the Chief Scout Executive**

Congratulations, Life Scout.

In attaining the rank of Life Scout, you have had the opportunity to learn and master many skills. You've hiked and camped in good and not-so-good weather. You've learned to take care of yourself and others in the out-of-doors, as well as in your home community.

Before you now is the opportunity to master yet another set of skills. These skills are encompassed in the requirements for the rank of Eagle Scout. One of these requirements is your demonstration of leadership skills. You do so by planning and carrying out an Eagle Scout leadership service project.

This Eagle Scout Leadership Service Project Workbook will help you meet this requirement. You will use this workbook to plan, receive the necessary approvals, carry out, and then report on the completion of your project.

After completing your project and all the other requirements for the rank of Eagle Scout, complete the following steps:

1. Review the Eagle Scout Rank Application. Note that you will need to list references of people who will speak on your behalf. You will also need to prepare a statement about yourself.
2. Fill out the Eagle Scout Rank Application. Ask your unit leader and/or unit advancement committee person to assist you.
3. Secure the signatures of your unit leader and unit committee chairman. Their signatures indicate approval and recommendation by your unit.
4. Submit your Eagle Scout Rank Application and the statement about yourself with your Leadership Service Project Workbook to your local council service center.

The contents of your application will be certified and the references you have listed will be contacted. After certification and reference verification, you will be contacted by the Eagle Scout board of review chairman, who will set your board of review date.

Eagle Scouts are recognized as a group of men who are outstanding in all that Scouting represents. I encourage you to become a member of this elite group.

Sincerely,

Robert J. Mazzuca  
Chief Scout Executive

# Eagle Scout Leadership Service Project Workbook



Robert Kania

Scout's name

7231 Deborah Drive, Falls Church, VA. 22046

Address

703-560-0654

5/1/1990

Telephone No.

bobbykania@gmail.com

Date of birth

E-mail (optional)

Troop 895

Unit No.

George Mason

District

National Capital Area Council

Local council

Tom Hanley

Unit leader's name

7228 Timber Lane, Falls Church, VA. 22046

Address

Telephone No.

John Wells

Unit advancement committee person's name

404 N. West Street, Falls Church, VA. 22046

Address

703-532-9318

Telephone No.

# Your Eagle Scout Leadership Service Project

## How to Start

You have earned the Life Scout rank and are ready to begin your Eagle Scout leadership service project. This workbook will help you plan and record your progress and complete and submit a final report.

## The Requirement

As stated in the *Boy Scout Handbook*: While a Life Scout, plan, develop, and give leadership to others in a service project helpful to your religious institution, school, or your community. (The project should benefit an organization other than the BSA.) The project plan must be approved by the organization benefiting from the effort, your unit leader (Scoutmaster, Varsity Scout Coach, Venturing crew Advisor), unit committee, and by the council or district advancement committee before you start. You must use the Eagle Scout Leadership Service Project Workbook, No. 18-927E, or this online equivalent, in meeting this requirement.

## Originality

Does the leadership service project for Eagle have to be original, perhaps something you dream up that has never been done before? The answer: No, but it certainly could be. You may pick a project that has been done before, but you must accept responsibility for planning, directing, and following through to its successful completion.

## Limitations

Routine labor (a job or service normally rendered) should not be considered. Work involving council property or other BSA activity is not permitted. The project also may not be performed for a business or an individual, be of a commercial nature, or be a fund-raiser. (*Fund-raising is permitted only for securing materials or supplies needed to carry out your project.*)

## Size

How big a project is required? There are no specific requirements, as long as the project is helpful to a religious institution, school, or community. The amount of time spent by you in planning your project and the actual working time spent in carrying out the project should be as much as is necessary for you to demonstrate your leadership of others.

## Examples

A look at some projects other Scouts have done for their Eagle Scout Award illustrates that your project can be to construct something or can be to render a service. Scouts have

- Made trays to fasten to wheelchairs for veterans with disabilities at a Veterans Administration hospital.
- Collected used books and distributed them to people in the community who wanted and needed, but could not afford, books.
- Built a sturdy footbridge across a brook to make a safe shortcut for children between their homes and school.
- Collected and repaired used toys and gave them to a home for children with disabilities.
- Organized and operated a bicycle safety campaign. This involved a written safety test, equipment safety check, and a skills contest in a bike rodeo.
- Surveyed the remains of an old Spanish mission and prepared an accurate map relating it to the present church.
- Built a “tot lot” in a big city neighborhood and set up a schedule for Boy Scouts to help run it.
- Set up a community study center for children who needed a place to do schoolwork.
- Trained fellow students as audiovisual aides for their school. Arranged for more than 200 hours of audiovisual work.
- Prepared plans for a footbridge on a trail in a national forest. Worked with rangers to learn the skills necessary to build the structure, gathered materials and tools, and then directed a Scout work group to do the construction.

## Approvals

### Before You Start

The project plan must be reviewed and approved by the beneficiary of the project, your unit leader, the unit committee, and the council or district advancement committee before the project is started. The following questions must be answered before giving this approval:

- What is the project you are planning?
- Who will benefit from the project?
- How will they benefit?
- What representative of the project’s beneficiary will be contacted for guidance in planning the project?
- What are the project planning details?

Remember, the project must be approved before you begin, so make sure all signatures have been secured before you start the project. You must be a Life Scout before you begin an Eagle Scout leadership service project.

## **After Completion**

Although your project was preapproved by the project's beneficiary, your unit leader, the unit committee, and the council or district advancement committee before it was begun, the Eagle Scout board of review must approve the manner in which it was carried out. The following must be answered:

- In what ways did you demonstrate leadership of others?
- Give examples of how you directed the project rather than doing the work yourself.
- In what way did the religious institution, school, or community group benefit from the project?
- Did the project follow the plan?
- If changes to the plan were made, explain why the changes were necessary.

## **Filling Out the Form**

As you plan and carry out your leadership service project, use this workbook to record your plans and progress. Remember that others will be reading these pages. You should print, type, or write legibly using black or blue ink. Complete the form on a computer if you have access to an electronic version. You may add as many pages as needed to thoroughly complete the workbook.

## **National Eagle Scout Association**

The National Eagle Scout Association was created in 1972 with the express purpose of bringing together Eagle Scouts of all ages so that they may be of greater service to themselves, their local councils, and their communities, thereby conserving and developing the human resources potential represented by those who hold Scouting's highest rank.

When you receive your Eagle badge, you will be eligible for membership in this elite association. You should give it serious consideration. Applications are available from your local council service center.

# Project Description

Describe the project you plan to do.

I plan to build a shed at Westlawn Elementary School. They have a courtyard in the middle of the school where they plan to build a little nature center for the young children to learn about nature. When I went the first time, I met Carol Hunt, who is a Kindergarten teacher and has much authority in the planning of the nature center. I have met with Carol Hunt many times and we have both decided this shed would work for what she wants. Bathrooms may be open during the week of Spring Break, or else if I need to ask the principal for it to be open so that they know beforehand that I will be doing it when the school might not be open so that they can make it be open. As for work hours, I will probably start around 9 am and work until about 3 pm because the school wants to be closed around 4 pm and if I'm done by 3 it should give me leeway.

Also, by that time they also already had the little pond set up. Another Eagle Scout was going to do the benches and a company was going to put in flagstones.

After researching for a good shed design I came up with a lean to shed that is 2.5 ft x 6.5 ft and about 7.5 feet high. Carol Hunt wanted to store a wheelbarrow and shovels in it so I had to figure out if the shed would be big enough. The area where this shed is going to be built is big enough, roughly 6 ft by 8ft which is big enough for this shed. I plan to use pressure treated lumber for the shed's studs and rafters. For the base I plan to use pressure treated lumber as the joists which are placed on top of 4 cinder blocks in each of the corners. For the roof, I will get donated shingles and tarpaper and have the adults put it on. Since I will be doing a small amount of digging in order to bury the cinder blocks, I may need to call Ms. Utility to make sure that there are no gas lines or such in the area. For volunteers during this project I will need adults to help with cutting wood and shingling the roof. I don't want many younger scouts as they will most likely run around and the courtyard in which shed is to be built is quite small. Older scouts who are able to lift and do some of the heavy work will be required as well as some friends and older kids from elsewhere. I will need some parents who are willing to watch some children so that they do not get out of control.

What group will benefit from the project?

Westlawn Elementary School

703-241-5100

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Name of religious institution, school, or community

Telephone No.

3200 Westley Road

Falls Church

VA

22042

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Street address

City

State

Zip code

My project will be of benefit to the group because:

This project will benefit Westlawn Elementary School because it will provide a storage shed for the school's nature center. When the children are outside in the courtyard they need a place in which to store the various tools that they use outdoors, such as shovels or rakes. Also, a wheelbarrow will be stored in this shed which is used for carrying dirt and compost around. It would be a convenient space for other storage options that may become necessary in the future and are not seen right now. By providing an enclosed storage space, the shed will provide Westlawn Elementary School with many benefits.

This concept was discussed with my unit leader on:

5/16/05

\_\_\_\_\_

Date

Before Pictures



# Project Details

Plan your work by describing the present condition, the method, materials to be used, project helpers, and 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.

Cost:

Materials: \$435 ± \$50

Additional Costs: +\$100

Total: \$535

As much as possible will be donated by Home Depot or any other place (such as a roofing company). Westlawn Elementary School will write a check from the school for any extra money that is needed. The school has about \$400 in their budget right now for the shed.

Time of completion:

Spring Break, hopefully all completed by end of April or beginning of May.

Equipment needed:

Shovels, 1 or 2 electric disk saws, hammers, electric nailer, ladder, wheelbarrow, goggles

Materials List:

**Floors and Walls:**

4 dock piers

Joists: 2"x6"x8', 5

Floor (3/4" plywood): 4'x8', 1

Studs, plates, rafters, header: 2"x4"x8', 29 minus a few lengths because I'm using smartside siding for the doors instead of 2x4's

Siding: 4 sheets of smartside siding

Trim: 1"x8"x8', 7

**Roof:**

Area: 30 sq. feet

Shingles: half a square

Roof (1/2" plywood): 4'x8', 1

**Doors:**

Siding: 2 sheets of smartside siding

4 hinges

2 handles

1 bolt

Strappings: 8 pieces

Price List:

Price by Piece

Smartside siding: \$18.67 for 4'x 8' sheet.

3/4" sanded pine plywood: \$28.99 for 4'x8' sheet

3/4" unsanded plywood(unknown type, probably pine): \$24.97 for 4'x8' sheet  
1/2" sanded pine plywood: \$21.99 for 4'x8' sheet  
1/2" unsanded plywood(unknown type, probably pine): \$18.99 for 4'x8' sheet  
2"x6"x8' pressure treated pine: \$6.97  
2"x4"x8' pressure treated pine raw: \$3.79  
1"x8"x10' pine (not pressure treated): \$18.35 (was out of stock)  
1" galvanized roofing nails: \$1.75  
2 1/2" common nails 5lb box: \$7.18  
2"x6"x5" joist hanger: 96¢  
Reinforcing angle bracket: \$1.65  
Ridge rafter hanger 2"x6" Model RR: 97¢  
Spruce strapping 1"x3"x8' (for door): \$1.25  
Zinc plated door pull: \$1.69  
6in. Heavy Tee hinge: \$3.39  
Barrel bolt 2.5": \$2.39  
Concrete deck piers: \$5 ea

# 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:                       | 30 hours   |
| Carrying out the project:                   | 29.5 hours |
| Total hours I spent working on the project: | 59.5 hours |

| <u>Name</u>      | <u>Date</u> | <u>In</u> | <u>Out</u> | <u>No. of Hours</u> |
|------------------|-------------|-----------|------------|---------------------|
| Jim Zackrison    | 6/18        | 7:00 PM   | 7:30 PM    | .5                  |
| Bobby Kania      | 6/22        | 5:00 PM   | 5:30 PM    | .5                  |
| Jim Zackrison    | 6/22        | 5:00 PM   | 5:30 PM    | .5                  |
| Erik Zackrison   | 6/22        | 5:00 PM   | 5:30 PM    | .5                  |
| Kalila Zackrison | 6/22        | 5:00 PM   | 5:30 PM    | .5                  |
| Bobby Kania      | 6/23        | 7:30 AM   | 7:00 PM    | 11.5                |
| Susan Kania      | 6/23        | 7:30 AM   | 7:00 PM    | 11.5                |
| Philip Kania     | 6/23        | 7:30 AM   | 7:00 PM    | 11.5                |
| Jim Zackrison    | 6/23        | 7:30 AM   | 8:30 AM    | 1                   |
| Erik Zackrison   | 6/23        | 7:30 AM   | 12:45 PM   | 5.25                |
| Kalila Zackrison | 6/23        | 7:30 AM   | 10:00 AM   | 2.5                 |
| Kalila Zackrison | 6/23        | 1:00 PM   | 3:45 PM    | 2.75                |
| Julio Herrera    | 6/23        | 2:00 PM   | 7:00 PM    | 5                   |
| Andrew Herrera   | 6/23        | 2:00 PM   | 7:00 PM    | 5                   |
| Bobby Kania      | 6/26        | 7:30 AM   | 8:00 PM    | 12.5                |
| Susan Kania      | 6/26        | 7:30 AM   | 8:00 PM    | 12.5                |
| Philip Kania     | 6/26        | 7:30 AM   | 8:00 PM    | 12.5                |
| Andrew Herrera   | 6/26        | 8:00 AM   | 8:00 PM    | 12                  |
| Josiah Boning    | 6/26        | 8:15 AM   | 5:00 PM    | 8.75                |
| Gabe Boning      | 6/26        | 8:16 AM   | 5:00 PM    | 8.75                |
| Nick Zaccor      | 6/26        | 9:55 AM   | 2:00 PM    | 4                   |
| Julio Herrera    | 6/26        | 4:00 PM   | 8:00 PM    | 3                   |
| Bobby Kania      | 6/27        | 8:00 AM   | 1:30 PM    | 5.5                 |
| Susan Kania      | 6/27        | 8:00 AM   | 1:30 PM    | 5.5                 |
| Philip Kania     | 6/27        | 8:00 AM   | 1:30 PM    | 5.5                 |
| Josiah Boning    | 6/27        | 8:25 AM   | 1:25 PM    | 5                   |
| Gabe Boning      | 6/27        | 8:25 AM   | 1:25 PM    | 5                   |
| Alex Armstrong   | 6/27        | 8:30 AM   | 11:15 AM   | 2.75                |

|                 |      |          |          |     |
|-----------------|------|----------|----------|-----|
| Andrew Herrera  | 6/27 | 9:00 AM  | 1:25 PM  | 4.5 |
| Paul Anderson   | 6/27 | 9:30 AM  | 12:30 PM | 3   |
| Richard Conant  | 6/27 | 9:30 AM  | 11:25 PM | 2   |
| Vincent McLeese | 6/27 | 10:20 AM | 12:20 PM | 2   |
| Andrew Kotyk    | 6/27 | 10:34 AM | 12:30 PM | 2   |

Total number of hours others worked on the project: **145.25**

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: **145.25 (total of others) + 29.5 (total of work on actual project) + 30 (approx.**

**hours of pre-project prep.) = 204.75 hours**

## Materials Required to Complete the Project

### Materials List:

#### Floors and Walls:

4 dock piers

Joists: 2"x6"x8', 5

Floor (3/4" plywood): 4'x8', 1

Studs, plates, rafters, header: 2"x4"x8', 29 minus a few lengths because I'm using smartside siding for the doors instead of 2x4's

Siding: 4 sheets of smartside siding

Trim: 1"x8"x8', 7

#### Roof:

Area: 30 sq. feet

Shingles: half a square

Roof (1/2" plywood): 4'x8', 1

#### Doors:

Siding: 2 sheets of smartside siding

4 hinges

2 handles

1 bolt

Strappings: 8 pieces

#### Price List:

##### Price by Piece

Smartside siding: \$18.67 for 4'x 8' sheet.

3/4" sanded pine plywood: \$28.99 for 4'x8' sheet

3/4" unsanded plywood(unknown type, probably pine): \$24.97 for 4'x8' sheet

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2"x4"x8' pressure treated pine raw: \$3.79

1"x8"x10' pine (not pressure treated): \$18.35 (was out of stock)

1" galvanized roofing nails: \$1.75

2 1/2" common nails 5lb box: \$7.18

2"x6"x5" joist hanger: 96¢

Reinforcing angle bracket: \$1.65

Ridge rafter hanger 2"x6" Model RR: 97¢

Spruce strapping 1"x3"x8' (for door): \$1.25

Zinc plated door pull: \$1.69

6in. Heavy Tee hinge: \$3.39

Barrel bolt 2.5": \$2.39

Concrete deck piers: \$5 ea

#### Tools:

T-Square

Measuring Tapes

2-3 Circular Saws

Sawhorses

Hammers  
Nails  
Level

## **Changes**

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

**Using concrete pillars to support the base instead of cinder blocks**

**Used screws instead of nails**

**There were also some design changes of the shed. This was due to the fact that we messed up the side length for the 2x4s so we improvised and put pieces of wood in there to make it longer.**

# Project Summary

## Pre-Project

After I had my conference with Mr. Lundin, I realized I had to get working on the project. First I told Mrs. Hun that I could get the project done by the end of April; however I later changed when I thought the project would be done, saying that it would be finished by the end of the school year instead. I also told my dad to bring home any materials he could find that people were throwing or giving away. I then sent letters to the manager, Joe Baez, of the Merrifield Home Depot asking for a donation from them.

Two weeks later, while I was away on an Orchestra trip to Atlanta, Georgia, a lady named Carol Luten called regarding my inquiry for a donation. She was another manager at the store who I assume is in charge of things like this. When I got back from my trip I called Carol Luten from a slip that my dad gave me with her number and possible spellings of her last name and she told me that I needed a W-9 tax exemption form from Westlawn Elementary. Throughout the next two weeks I went back and forth from calling Carol Hunt and other staff at Westlawn to Carol Luten, until I finally had Carol Luten call Judy Ryan, the person in charge of finances at the school. The next day Carol Hunt e-mailed me saying that the W-9 Form was ready so I went and picked it up and the day after took it to Home Depot. A few days later Carol Luten called me back saying that I could pick up two \$25 gift certificates. I was disappointed that it wasn't more money and asked her if it could be more, but she said that that was all Home Depot could donate. So I picked up the gift certificates and stored them in my Eagle Project notebook until I would need it.

One day my dad came home with four deck piers which I could use for my foundation and said there was a pile of plywood at some house, so I told him to take me there and we managed to get a great selection of free plywood. Over the course of the next few weeks my dad and I found other materials which we brought home and stored. We managed to collect nails, handles, 2x4s, and 4x4s. We managed to save a lot of money on the total project because I had said to find free things.

Two weeks before my project was to take place we went to Home Depot for the major wood purchases, which I would use my gift certificates for. While we were there we ran into Mr. Zackrison, an assistant scoutmaster from our troop. He owns a big pickup truck and I told my dad to ask him if I could have him carry all the wood back. Mr. Zackrison said yes so we ended up buying all of the wood that we thought we needed and loaded it onto his truck. He then carried it all back to my house and helped unload it. I then asked him if he could help bring it to the school for us and he again said yes.

The Monday before the Monday before my project and the Monday before my project I handed out flyers for my eagle project at the scout meetings which were at that time swim meets. I also told the people as they left about my eagle project and asked if they could come.

The Thursday evening before my project Mr. Zackrison came to my house with his son and daughter and we loaded up the truck. I told him to meet me in the morning at the school and he asked if I needed any extra tools so I told what would be helpful and he said he had it all.

## Friday – June 23, 2006

The first day of my project I woke up early and arrived at Westlawn at 7:30. Mr. Zackrison was already there so I told him and his son to start help me unloading the truck. I also had my dad come over and help unload the truck and we then made a routine where my dad and Mr. Zackrison would unload and carry the wood in a big cart we had and bring it to the door of the courtyard. Eric and I carried the wood the rest of the way.

We finished at about 8:30 and decided to take a half hour rest. Then Erik helped me dig the final hole for the piers. I had already dug the first three the Monday, last week, when I had come to

inspect conditions so we could have more time for actual building on site. While we dug I told my dad to start cutting the 4x4s that would serve as posts for the base. Once Erik and I were done, we started putting aluminum flashing over the 4x4s and then used “The Persuader,” a sledgehammer, to fit the posts into the piers. Then I told my dad to start cutting the 2x6s for the base once I gave him the measurements and Erik and I took a short break.

When my dad was done cutting the 2x6s for the base Erik and I nailed the joists together and attached the joist hangers. When we were done, my mom arrived with the pizzas. We ate as much pizza as we wanted and at the end After lunch, Erik’s father came to pick him up, but left Erik’s sister to help us. For the next two hours I struggled with aligning the piers and making sure they were level. Finally, I was ready to nail the base into place. For this I asked for the help of my father and Erik’s sister to hold the base up while I put temporary nails in. When I was finished with the final nails I started to nail permanent nails in. When I was halfway done, two more helpers showed up, Andrew Herrera and his father, Julio.

I assigned Andrew the task of nailing the rest of the base to the piers and started to look at the plywood that would become the floor of the shed. I asked Mr. Herrera, since he was good at carpentry, to help me figure out how to fit the pieces of plywood so we figured out a good way to make them fit. After we had done that, Andrew was done nailing so I assigned him to nailing the plywood floorboards. Mr. Herrera suggested that we use an electric screwdriver so I sent him home to get it. When he returned I gave the screwdriver to Andrew and I had Mr. Herrera help me puzzle out the back of the shed. With his carpentry skills he quickly had a plan for assembling and cutting the back so I had him tell my dad the measurements for cutting and told my dad to start cutting.

Once the pieces were cut, Mr. Herrera, my dad, and me started to assemble the back and by this time Andrew had finished so we used the screwdriver. Once we got the back done we started on the sides. It was difficult because we had to change the plans that were on paper, so once my dad had cut the wood and we had started to assemble we realized the center bars were too short. We had to fudge the job by placing blocks of wood in the gap for screws to go through. Once it looked okay we started actually assembling the sides and back. By the time we had finished it was about 7:30 and I said it was time to quit and we discussed the next steps. I told Andrew to bring his screwdriver on Monday and to come as early as possible. We then adjourned for the weekend.

### **Weekend – June 24-25, 2006**

During the weekend I had to buy some more supplies since we had used a few more 2x4s than we had planned for the back and side walls. We also bought caulking so we could waterproof the shed once we were done.

### **Monday – June 26, 2006**

Monday, as I had done on Friday, I arrived early, at about 7:30 AM. No one was there at the time and I was wondering if Andrew would show up after all. Also, I couldn’t do anything without the “magic” screwdriver. At about 8:00 Andrew arrived with the “magic tool” so I said that we should begin unpacking the shed (we had covered it to keep it dry over the weekend). I told my dad to start cutting the wood we would need and Andrew and I started to screw things on as they were completed by my dad. Three more kids showed up that day. Nick Zaccor came for about 4 hours and Josiah and Gabe Bonging were able to help until 4:00 PM. We managed to get the doorframe done in decent time so we began to hang the rafters. While doing that, I told my dad to start cutting the plywood for the roof. Once we were done with the rafters we hoisted the plywood up to the roof and screwed it down.

By that time my mom had arrived with the pizzas so we again broke for lunch and watched the World Cup game on the portable TV I had brought. After lunch we started to nail the shingles on. I said we should take turns nailing so that everyone got a turn at a row. While a person nailed the rest of stayed in the shelter of the shed because it had been raining on and off and since the shed had a roof it

was dry inside. Once the rain stopped for a while we started caulking the sides of the shed. At 2:00 PM Nick left and at 4:00 Julio came back.

Mr. Herrera was glad at our progress and I asked him to help us make the doors and siding for the front. He didn't trust my dad's circular saw since it had been raining so he went home and got his battery powered one. He cut the siding by himself and we managed to get the doors hung by the end of the night. Again at about 7:30 I called it quits and so we went home.

## **Tuesday – June 27, 2006**

The next day I didn't feel like coming early like I had the other days since we didn't have much to do, so instead of 7:30, I showed up at 8:00. At about 8:30 Gabe and Josiah showed up again and I made us get started on finishing the doors. At about the same time a small scout name Alex Armstrong showed up and I assigned him to caulking. At 9 Andrew showed up again and at 9:30 Ritchie Conant and Paul Anderson showed up. I set them to work putting random nails inside the shed to act as hooks, while I still worked on the door handles, which were being trouble due to the screws having to be the exact distance away. Also, I had Gabe go onto the roof and cover the screws with roof sealer so that they wouldn't be visible. After that, I told him to caulk between the shed and the school.

At 10:20 Vincent McLeese, yet another boy from our troop, came. I set him to caulking as well. I hadn't expected that so many people would come on that day. Yet at 10:30, another kid came. Andrew Kotyk was my friend from school and was a member of Troop 681. I had invited him to help me. At 11:30 we ate pizza again and some kids went home. After lunch we added the finishing touches and packed up. The rest of us, Gabe, Josiah, Andrew, my parents, and I, left at 1:30.

## **Post-Project**

After the project, I gathered all the receipts and the school reimbursed my family with about \$250 from the school's budget.

This project taught me a lot about planning ahead of time, leadership, organization, and construction.

If I were to do this project again I would definitely make it go a lot faster. Instead of waiting months to progress on something, I would get it done as soon as possible, especially since I was doing it in sophomore year when I had a lot less homework than I do now. Also, I would try to be less shy about using the phone. Instead of the year and a month that this project took from planning to completion, I would want it to take only a few months. Also, this write-up I would finish sooner. Finally, I would make the plans for the shed better. Instead of coming up with wrong measurements again I would make sure they were right.

I learned how to make a bunch of kids work how I wanted them to. I had to have a job for every boy so that no one would be sitting, doing nothing. It was especially difficult the last day, when I had a lot of people, it was hard to give them jobs. This project forced me to figure out what to do in situations like that.

I learned how to keep all my papers I needed for my Eagle Project in an organized manner so that I would have them when I needed them. For this project, I kept most of my work in a spiral notebook so that it wouldn't get lost. I also had a folder in which I kept all the smaller items, such as photos and loose paper, which would get lost otherwise and wouldn't fit in my notebook.

Previously, I had never built anything bigger than a small trebuchet so this was a big learning experience for me. By having Julio Herrera and my dad, I was able to learn how to build a proper structure, which helped me in building a full size trebuchet for school the following fall. I learned how to cut wood and how to put it together. I also learned how much work even a small shed needs.

## “After” Photographs





## Approvals for Completed Project

Start date of project: 6/23/06      Completion date of project: 6/27/06

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

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Applicant's signature

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Date

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

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Signature of Scoutmaster/Coach/Advisor

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Date

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

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Date

## The 12 Steps From Life to Eagle

The following 12 steps have been outlined to ensure a smooth procedure for the Scout, the unit leadership, the local council, and the volunteers who are to conduct the board of review. Eagle candidates should share these steps with their unit leader so that they can fully understand the procedures that must be followed.

1. In order to advance to the rank of Eagle, a candidate must complete all requirements of tenure; Scout spirit; merit badges; positions of responsibility; while a Life Scout, plan, develop, and provide leadership to others in a service project; and the Scoutmaster conference.
2. Using the Eagle Scout Leadership Service Project Workbook, the candidate must select his Eagle service project and have the project concept approved by his unit leader, his unit committee, and the benefactor of the project, and reviewed and approved by the council or district advancement committee. This workbook must be used in meeting this requirement.
3. It is imperative that all requirements for the Eagle Scout rank except the board of review be completed prior to the candidate's 18th birthday. When all requirements except the board of review for the rank of Eagle, including the leadership service project, have been completed, the Eagle Scout Rank Application must be completed and sent to the council service center promptly. (Youth members with disabilities should meet with their unit leader regarding time extensions.)
4. The application should be signed by the unit leader at the proper place. The unit committee reviews and approves the record of the Eagle candidate before the application is submitted to the local council. If a unit leader or unit committee fails to sign or otherwise approve an application, the Eagle candidate may still be granted a board of review. The failure of a unit leader or unit committee to sign an application may be considered by the board of review in determining the qualification of the Eagle candidate.
5. When the completed application is received at the council service center, its contents will be verified and the references contacted. The council advancement committee or its designee contacts the person listed as a reference on the Eagle Scout Rank Application either by letter, form, or telephone checklist. The council determines the method or methods to be used. The candidate should have contacted those individuals listed as references before including their names on the application. The candidates should not be involved personally in transmitting any correspondence between persons listed as references and the council service center.
6. The Eagle Scout Leadership Service Project Workbook, properly filled out, must be submitted with the application.
7. After the contents of an application have been verified and appropriately signed, the application, Eagle Scout Leadership Service Project Workbook, and references will be returned from the council service center to the chairman of the Eagle board of review so that a board of review may be scheduled. Under no circumstances should a board of review be scheduled until the application is returned to the chairman of the Eagle board of review. Reference checks that are forwarded with the application are confidential, and their contents are not to be disclosed to any person who is not a member of the board of review.
8. The board of review for an Eagle candidate is composed of at least three but not more than six members. One member serves as chairman. Unit leaders, assistant unit leaders, relatives, or guardians may not serve as members of a Scout's board of review. The board of review members should convene at least 30 minutes before the candidate appears in order to review the application, reference checks, and leadership service project report. At least one district or council advancement representative must be a member of the Eagle board of review if the board of review is conducted on a unit level. A council or district may designate more than one person to serve as a member of Eagle boards of review when requested to do so by the unit. It is not required that these persons be members of the advancement committee; however, they must have an understanding of the importance of the Eagle board of review.
9. The candidate's unit leader introduces him to the members of the board of review. The unit leader may remain in the room, but does not participate in the board of review. The unit leader may be called on to clarify a point in question. In no case should a relative or guardian of the candidate attend the review, even as a unit leader. There is no set of questions that an Eagle candidate should be asked. However, the board should be assured of the candidate's participation in the program. This is the highest award that a Scout may achieve and, consequently, a thorough discussion of his successes and experiences in Scouting should be considered. After

the review, the candidate and his unit leader leave the room while the board members discuss the acceptability of the candidate as an Eagle Scout. **The decision must be unanimous.** If the candidate meets the requirements, he is asked to return and is informed that he will receive the board's recommendation for the Eagle Scout rank. If the candidate does not meet the requirements, he is asked to return and told the reasons for his failure to qualify. A discussion should be held with him as to how he may meet the requirements within a given period. Should the applicant disagree with the decision, the appeal procedures should be explained to him. A follow-up letter must be sent to the Scout confirming the agreements reached on the action(s) necessary for the advancement. If the Scout chooses to appeal, the board should provide the name and address of the person he is to contact. (See "Appealing a Decision" in the *National BSA Policies and Procedures*, No. 33088D.)

10. Immediately after the board of review and after the application has been appropriately signed, the application, the service project report, references, and a properly completed Advancement Report are returned to the council service center.
11. When the application arrives at the council service center, the Scout executive signs it to certify that the proper procedure has been followed

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and that the board of review has recommended the candidate for the Eagle Scout rank. This workbook and references are retained by the council. The workbook may be returned to the Scout after council approval.

**Only the Eagle Scout Rank Application is forwarded to the national Eagle Scout Service.**

12. The Eagle Scout Service screens the application to ascertain information such as proper signature, positions of responsibility, tenure between ranks, and age of the candidate. Any item not meeting national standards will cause the application to be returned for more information. If the application is in order, the Scout is then certified as an Eagle Scout by the Eagle Scout Service on behalf of the National Council. Notice of approval is given by sending the Eagle Scout certificate to the local council. The date used on the certificate will be the date of the board of review. The Eagle Award must not be sold or given to any unit until after the certificate is received by the council service center. The Eagle Scout court of honor should not be scheduled until the local council receives the Eagle Scout rank credentials