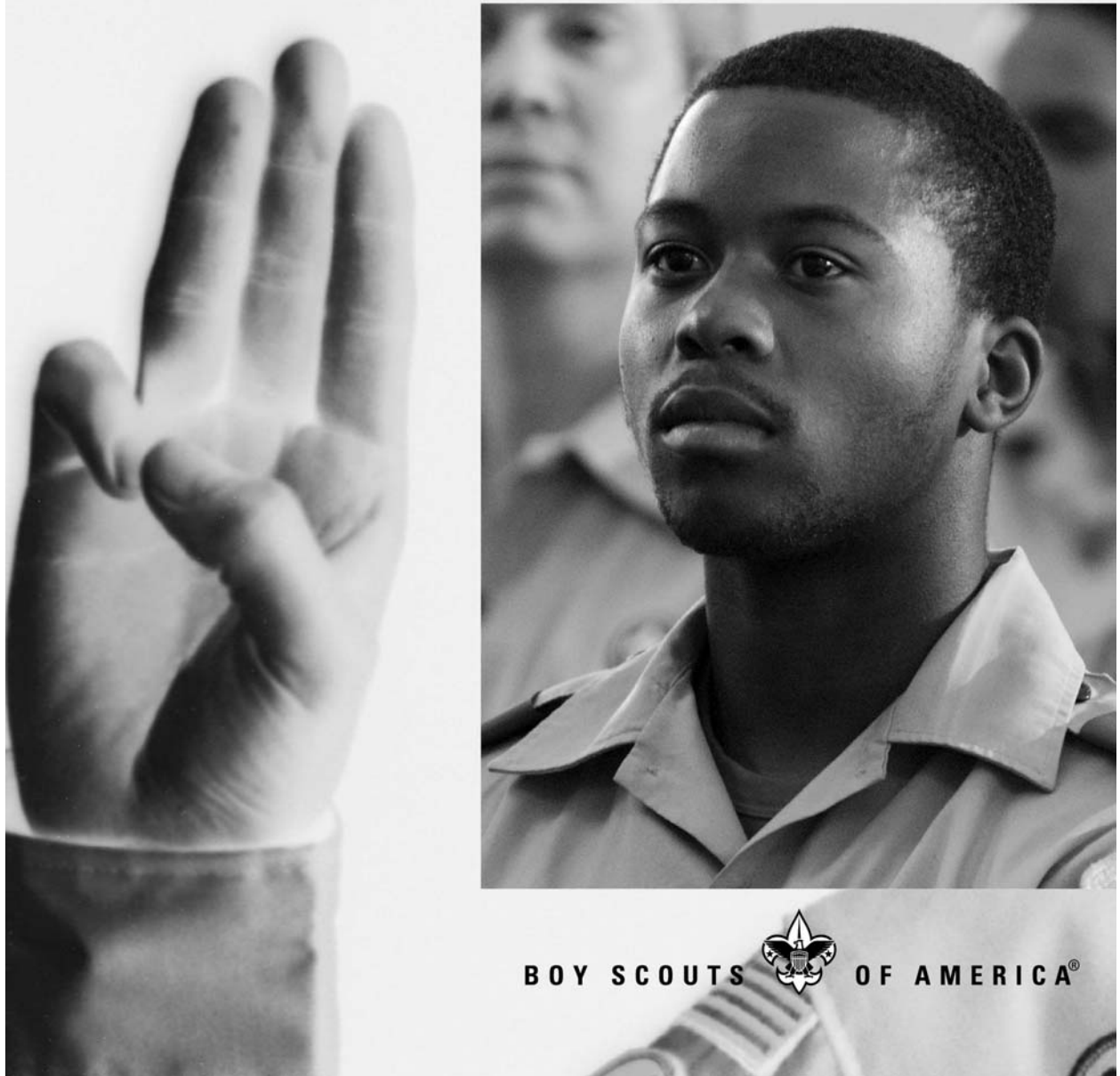




Eagle Scout Leadership Service Project Workbook



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



Michael Stachiw

Scout's name

117 Avalon Valley Lane Fenton, MO 63026

Address

(636) - 225 - 4979

5/9/1991

Telephone No.

mstachiw@desmet.org

Date of birth

E-mail (optional)

680

Unit No.

New Horizons

District

Greater St. Louis Area Council

Local council

Ted Yahl

Unit leader's name

814 Ivy Trace Ballwin, MO 63021

Address

636 - 225 - 3559

Telephone No.

Dr. Michael Stachiw

Unit advancement committee person's name

117 Avalon Valley Lane

Address

636 - 225 - 4979

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.
- Projects involving council property or other BSA activities are not acceptable.
- Projects may not be performed for businesses.
- Projects may not be of a commercial nature.
- Projects may not be a fund-raiser. Fund-raising is permitted only for securing materials needed to carry out the project.
- Donors to projects must be made aware of what entity is benefiting from the project, and that it clearly is not the Boy Scouts of America.
- Any funds raised for a project and not used for the purchase of project materials must be returned to the donors.

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

Project name: Brignole Park Kiosk
 Describe the project you plan to do.

I will be building a kiosk at Brignole Park in Valley Park, MO. Brignole Park is a popular baseball field nestled in the heart of downtown Valley Park (Figure 1). The kiosk will be made out of pressure treated wood and there will be a plywood back for paper to be stapled to it so that people using the park can know what is going on. There will also be a plexi-glass weather shield on it.

The kiosk will be located where the red bulls eye is (Figure 2). The location as shown below is at the intersection of St. Louis Avenue and 2nd Street. More detailed topography is also shown below (courtesy of Googlemaps).



Figure 1
 Aerial terrain view

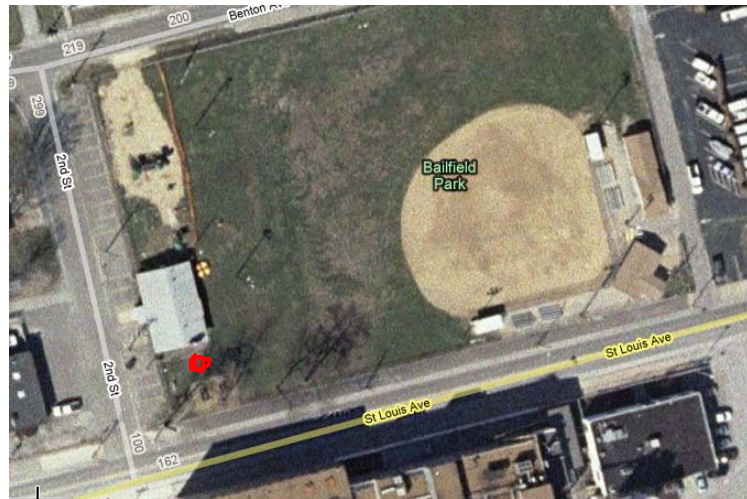


Figure 2
 Aerial satellite view

What group will benefit from the project?

Valley Park

(636) – 225 - 8646

Name of religious institution, school, or community

Telephone No.

320 Benton Street

Valley Park

MO

63088

Street address

City

State

Zip code

My project will be of benefit to the group because:

The people who use the park for softball or baseball games will benefit from the kiosk because they will know upcoming events, park condition, news concerning the park, and a map of the park. Also children who use the playground there will benefit. The Parks Department will be able to post flood and weather warning to improve the safety of the park so that people will not use the park during certain times. The Parks Department can also post the park hours and any other essential information

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.

Pamela Kettler

10/3/2008

_____ Representative's name

_____ Date of meeting

Parks Department Director

636-225-8646

_____ Representative's title

_____ Phone No.

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.

Present Condition

The park is mainly just an open lawn with a ball field in one corner and a playground in the other. All that there is information-wise is a sign partially hidden by the fence that states “Brignole Park”. Other than that, the park has nothing that informs people on the present condition of the park, upcoming events, and other useful information. An information kiosk would prove beneficial to all people who use the park.

Kiosk Construction Details

I am going to build a modified version of the kiosk located at Castlewood State Park (as shown in Figures 3, 4, and 5). There are two main modifications, mine will be smaller and there will be a plexi-glass frame on the front. I will be following the general idea of a kiosk located at Buder Park regarding the plexi-glass weather shield (Figure 19)



Figure 3
Castlewood State Park Kiosk



Figure 4
Castlewood State Park
Kiosk side view



Figure 5
 Castlewood
 State Park
 Kiosk truss
 view

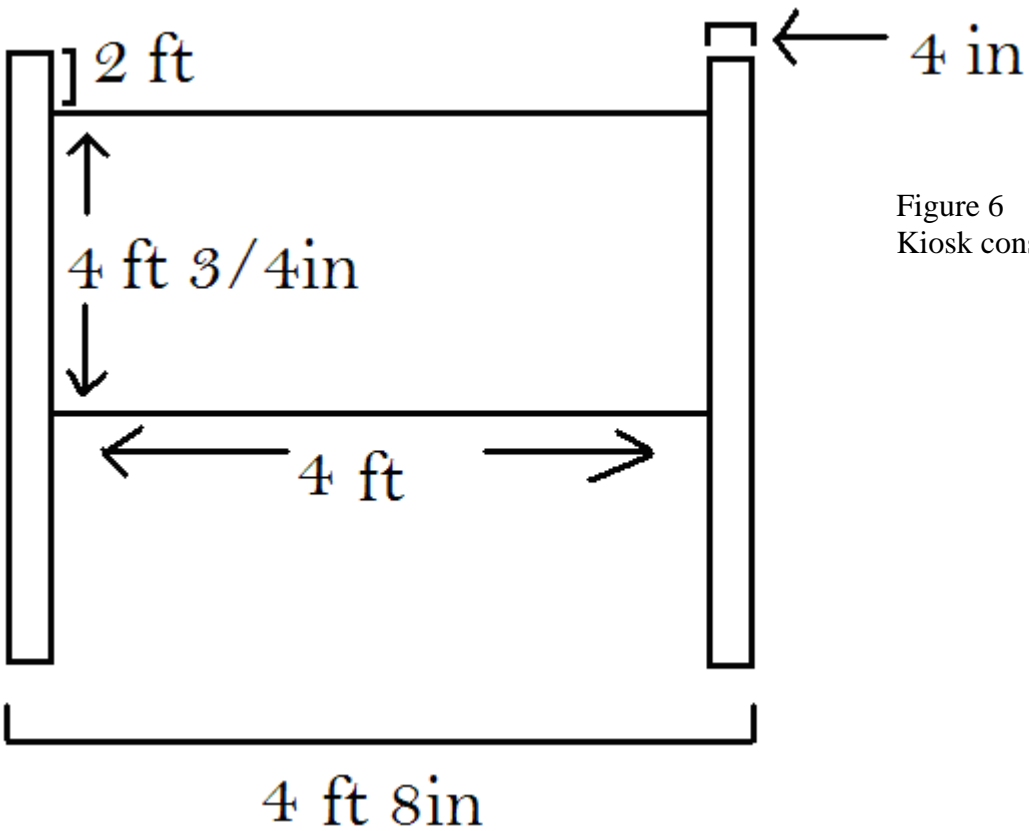


Figure 6
 Kiosk construction details

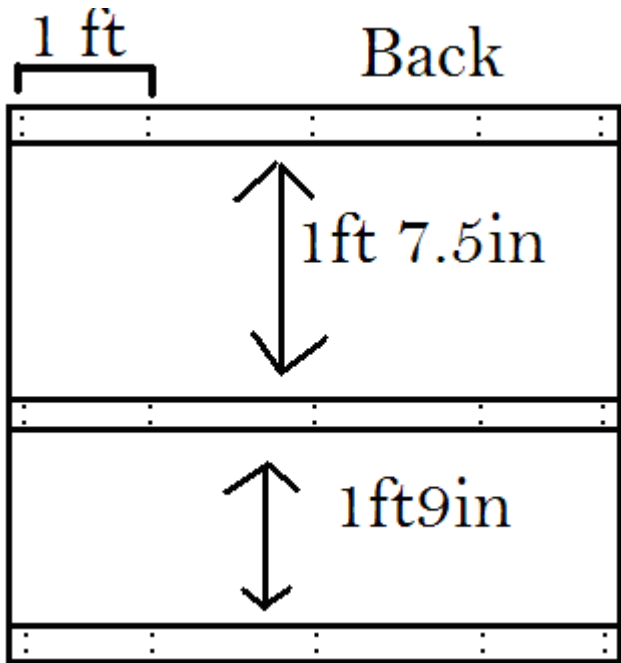


Figure 7
Kiosk Construction Details

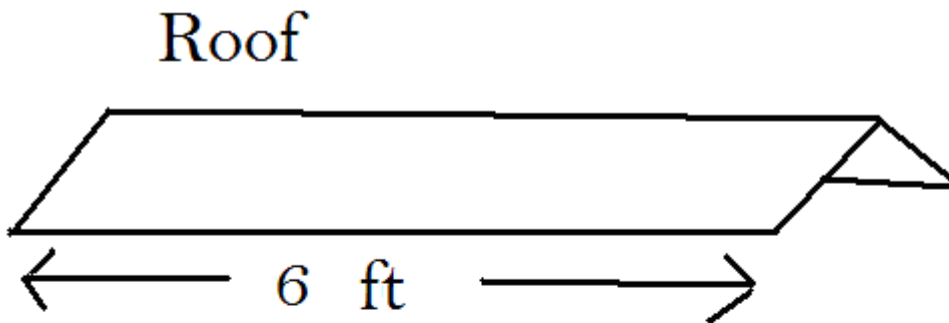


Figure 8
Kiosk Construction Details

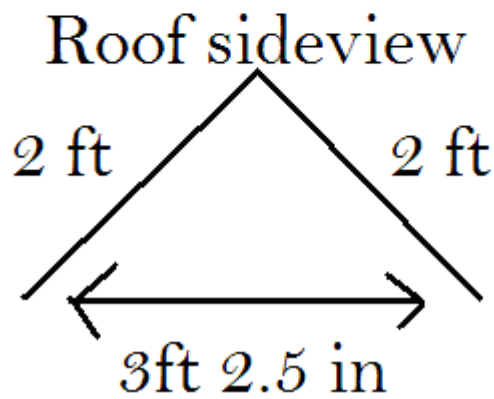


Figure 9
Kiosk Construction Details

Roof Underside

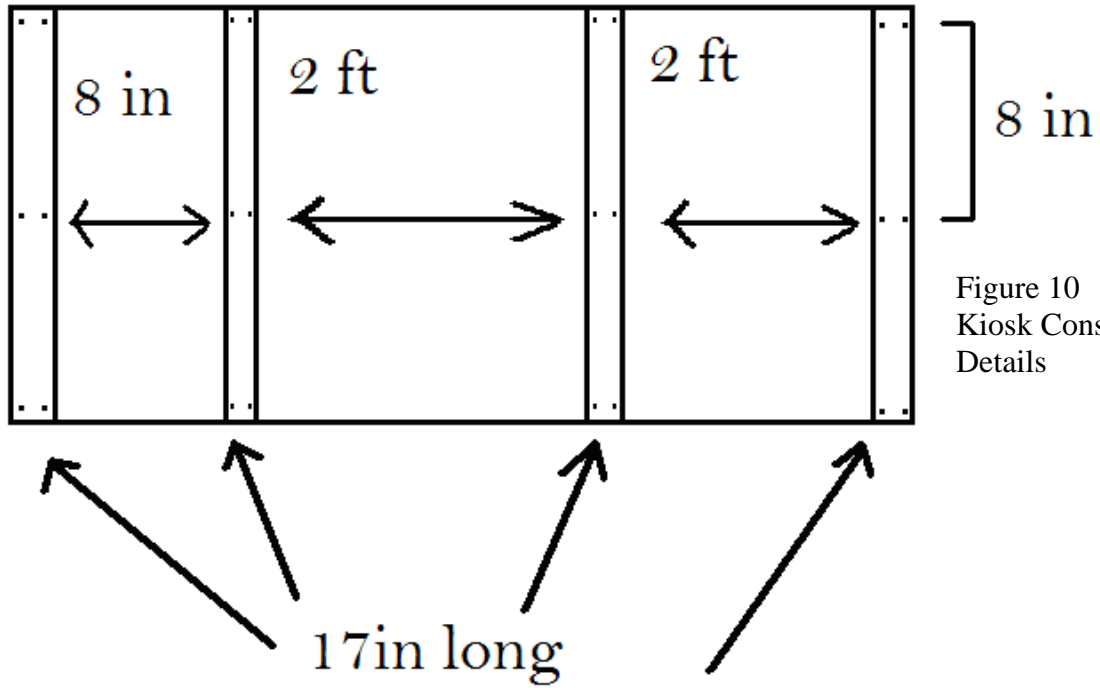


Figure 10
Kiosk Construction
Details

Vertical Post Installation Detail

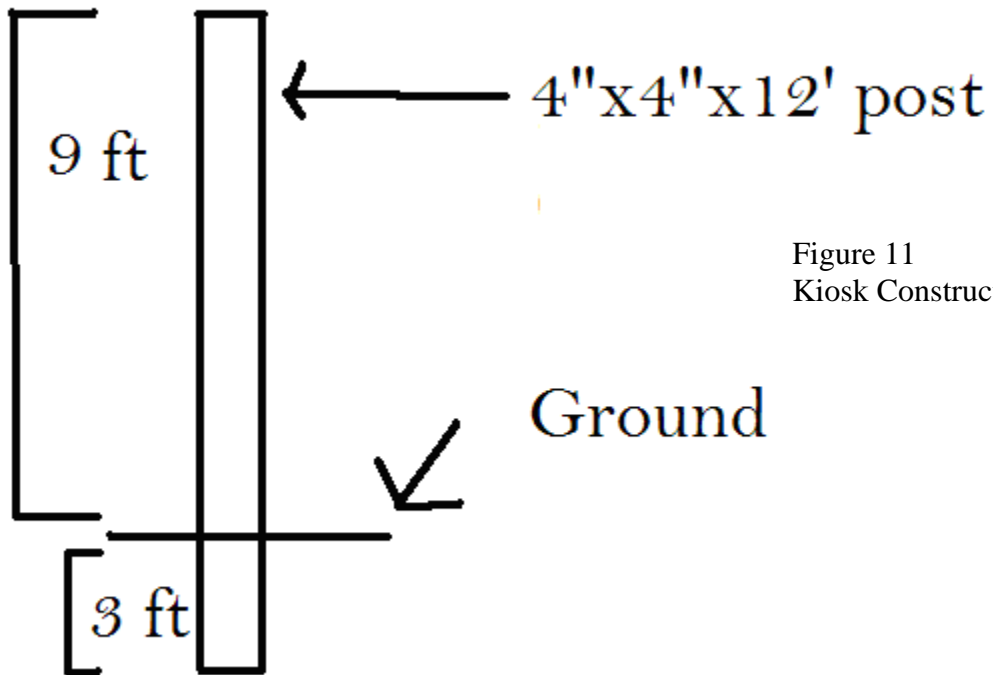


Figure 11
Kiosk Construction Details

Vertical Post Temporary Frame

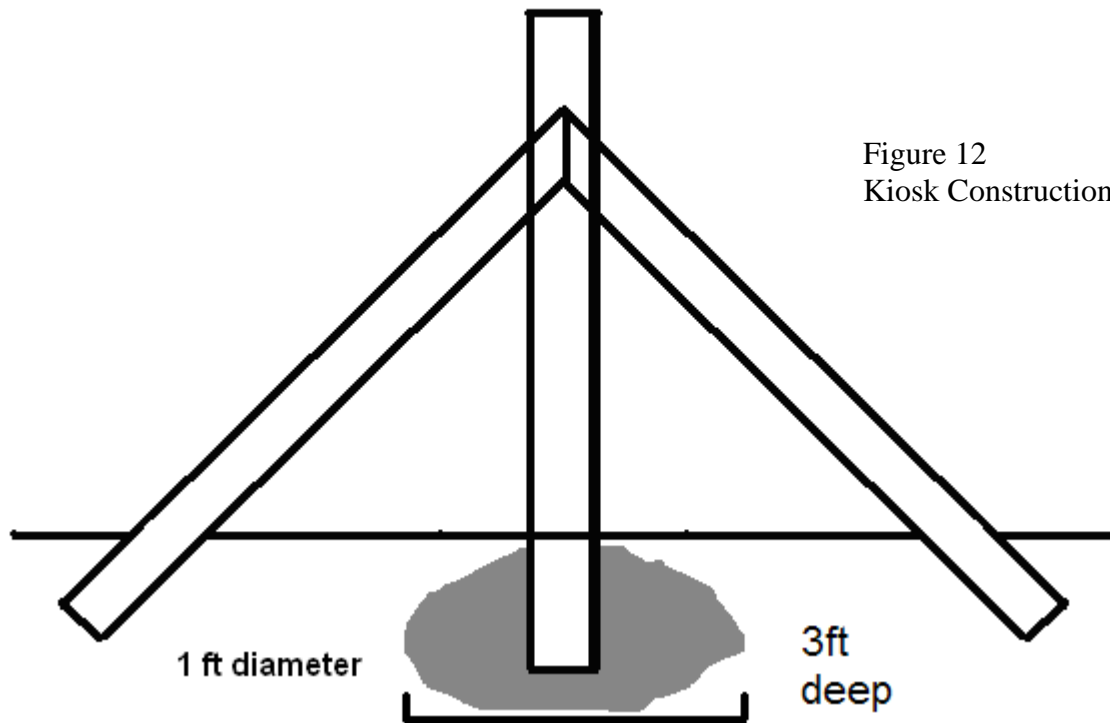


Figure 12
Kiosk Construction Details

Vertical Post Temporary Frame

Sideview

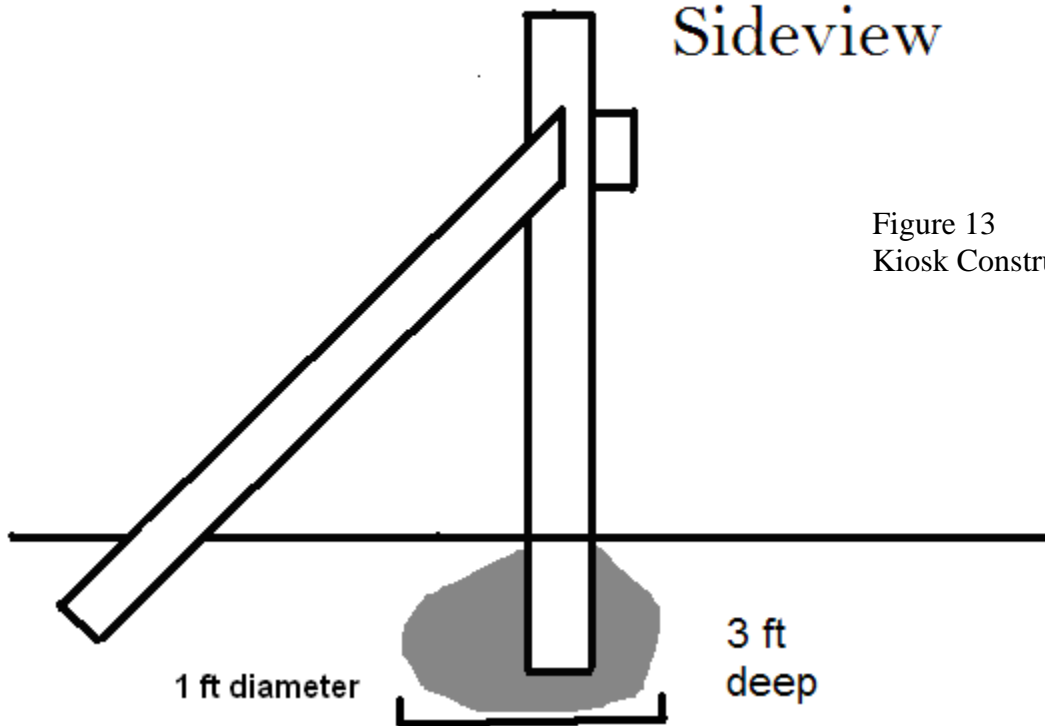


Figure 13
Kiosk Construction Details

Installation of Board and Other Post

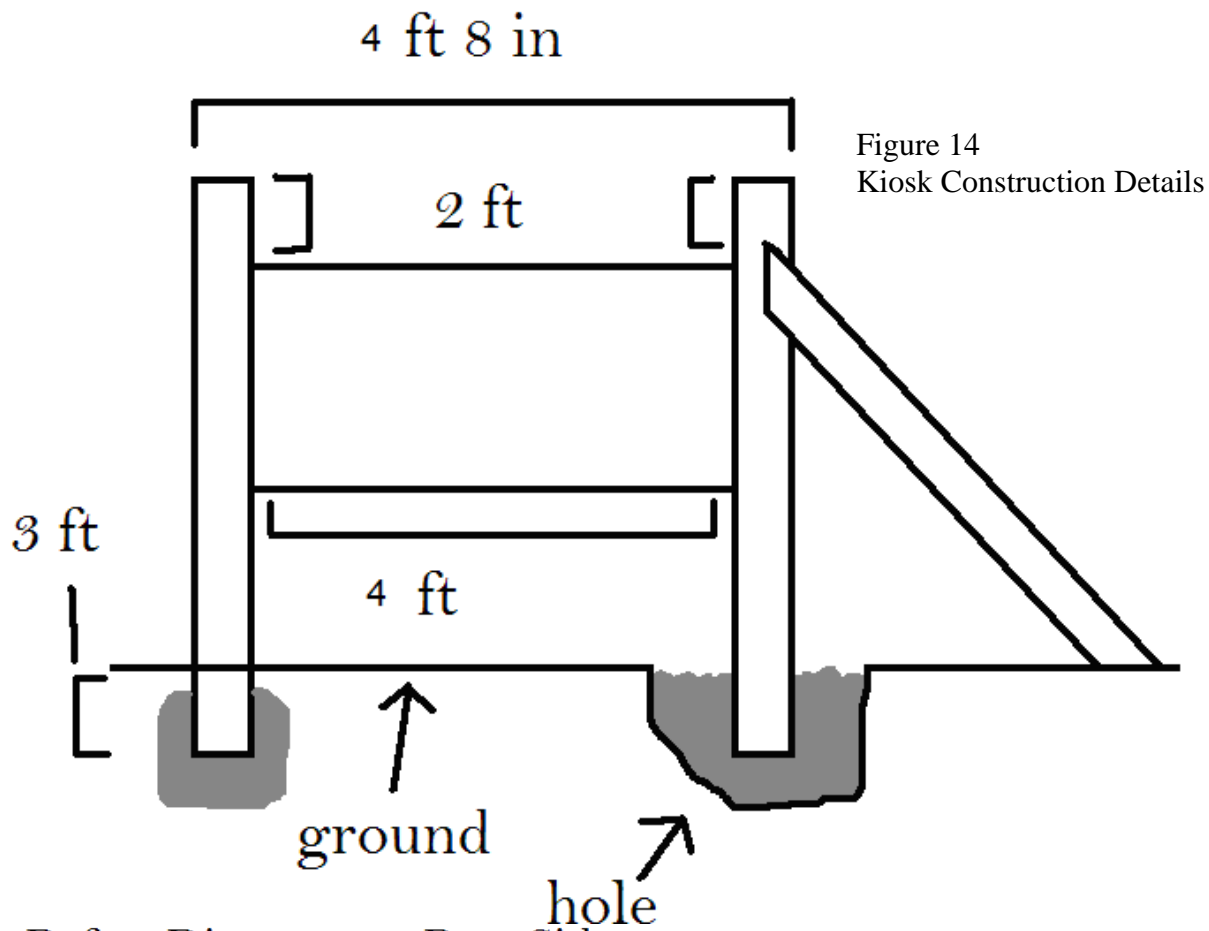


Figure 14
Kiosk Construction Details

Rafter Diagram on Post Sides

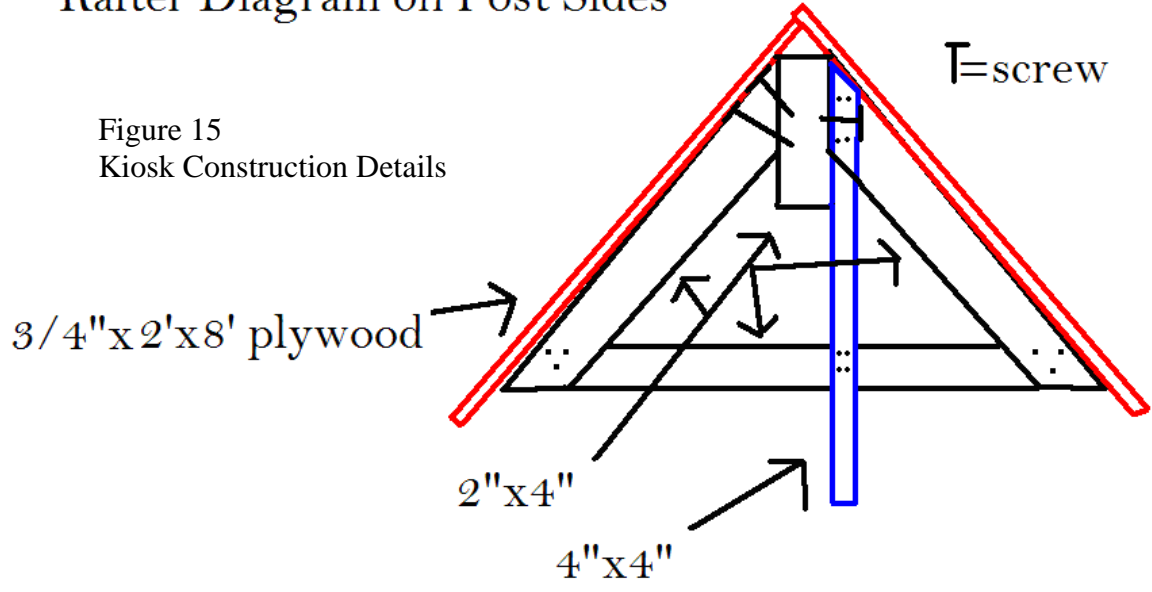


Figure 15
Kiosk Construction Details

Rafter Diagram in Middle, Not
on Post Sides

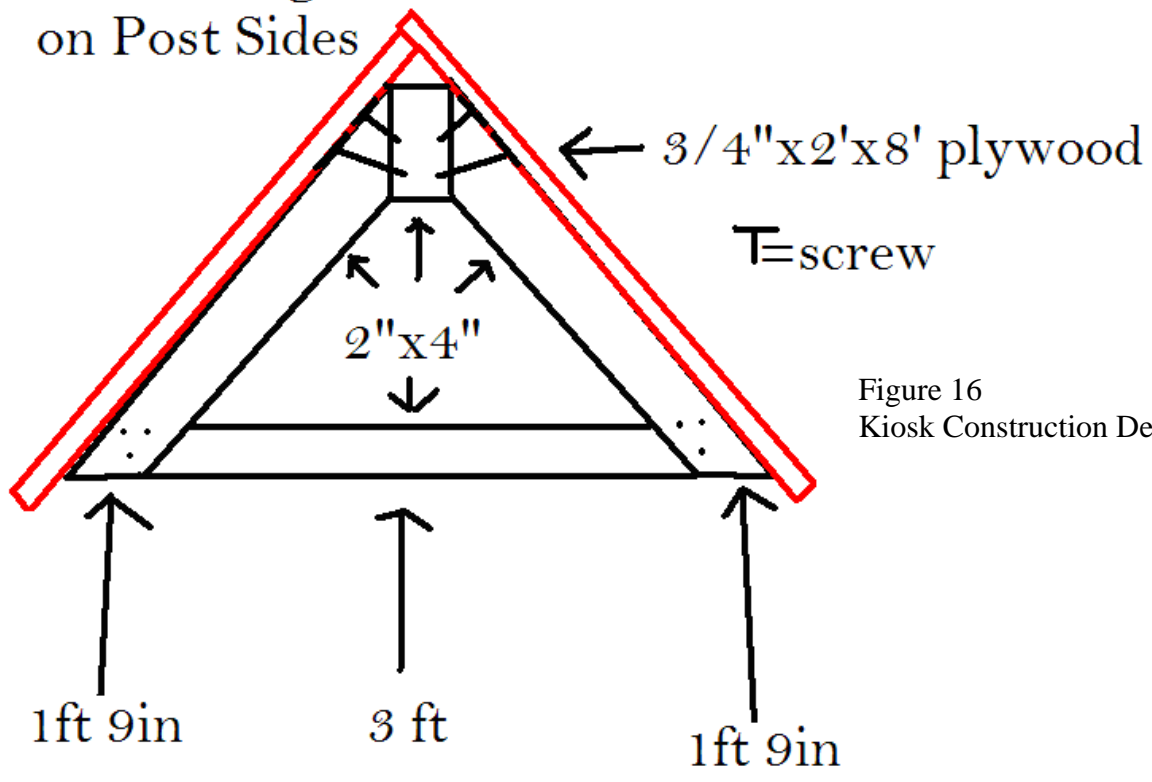


Figure 16
Kiosk Construction Details

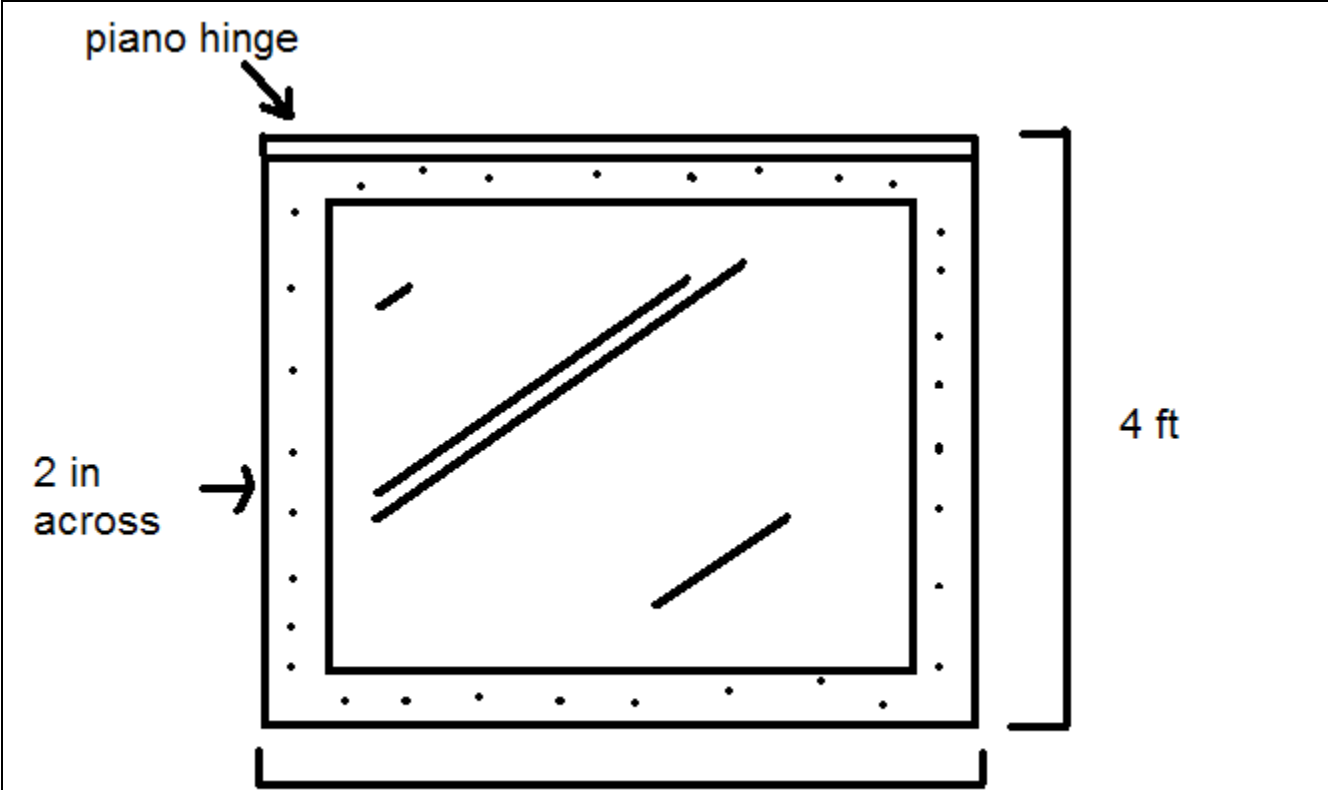


Figure 17
Kiosk Construction Details

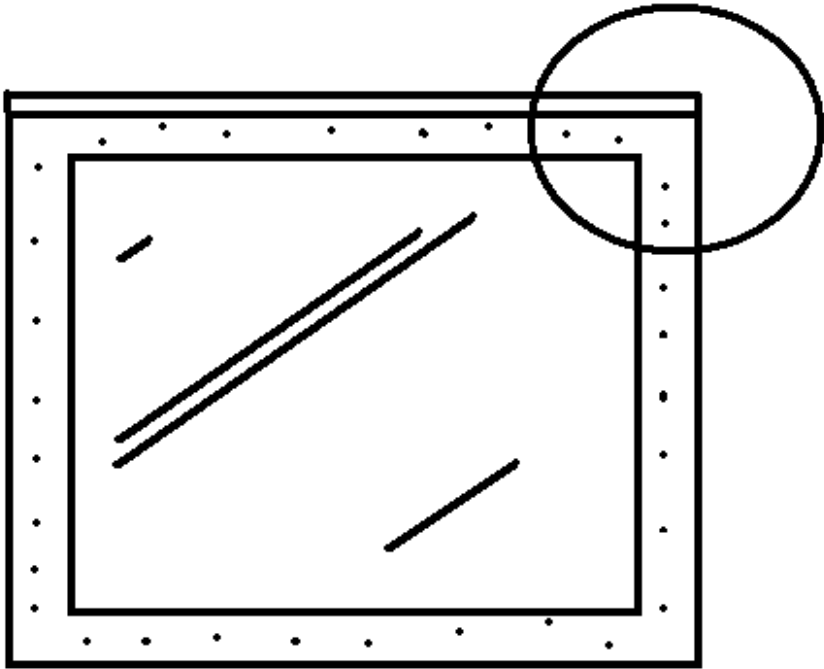


Figure 18
Kiosk Construction Details

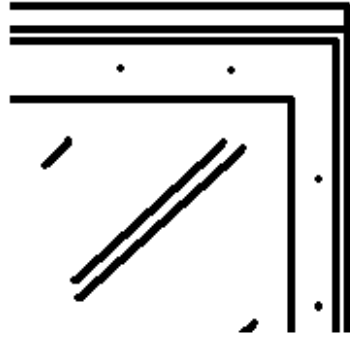




Figure 19
Kiosk at Buder Park

Table 1 - Supplies

| Description | Quantity | Source |
|----------------------------|-----------|------------|
| 2" Paint brushes | 6 | Home depot |
| 10"x10" Plastic drop cloth | 1 | Dad |
| Large trash bags | 2 | Dad |
| Pencils | 10 | Dad |
| Sharpie marker | 1 | Dad |
| ¾ brad nails | 1 box | Dad |
| Gravel | 2 buckets | Creek |
| Scrap 2"x4"x8' posts | 4 | Dad |
| 2"x2" stales | 4 | Dad |
| Oil | 1 | Dad |

Table 2 - Tools

| Tool | Quantity | Source |
|----------------|----------|--------------|
| Gloves | 15 | WYK donation |
| Safety glasses | 15 | WYK donation |

| | | |
|---------------------------------|----|--------------|
| Ear plugs | 15 | WYK donation |
| Jigsaw | 1 | Dad |
| ½” cordless drill | 2 | Dad |
| Claw hammers | 3 | Dad |
| Hand saw | 1 | Dad |
| 10” compound miter saw | 1 | Dad |
| Assorted drill bit set | 1 | Dad |
| Assorted screwdriver bit set | 1 | Dad |
| Broom | 2 | WYK |
| Dust Pan | 1 | WYK |
| Pick axe | 1 | Dad |
| Post hole digger | 1 | Dad |
| Spade shovel | 2 | Dad |
| Cell phone (emergency use only) | 2 | Dad |
| First Aid Kit | 1 | Troop |
| Cooler | 1 | Dad |
| Camera | 1 | Dad |
| Concrete mixing tub | 1 | Dad |
| 4ft level | 2 | Dad |
| Tape measurers | 3 | Dad |
| Protractor | 1 | Dad |
| Metal straight edge | 2 | Dad |
| 5 gallon bucket | 1 | Dad |
| Sawhorses | 2 | Dad |
| Wheelbarrow | 1 | Dad |
| Caution tape | 1 | Dad |
| 30 gallon drum | 1 | Dad |
| Water level | 1 | Dad |

Food and Drink

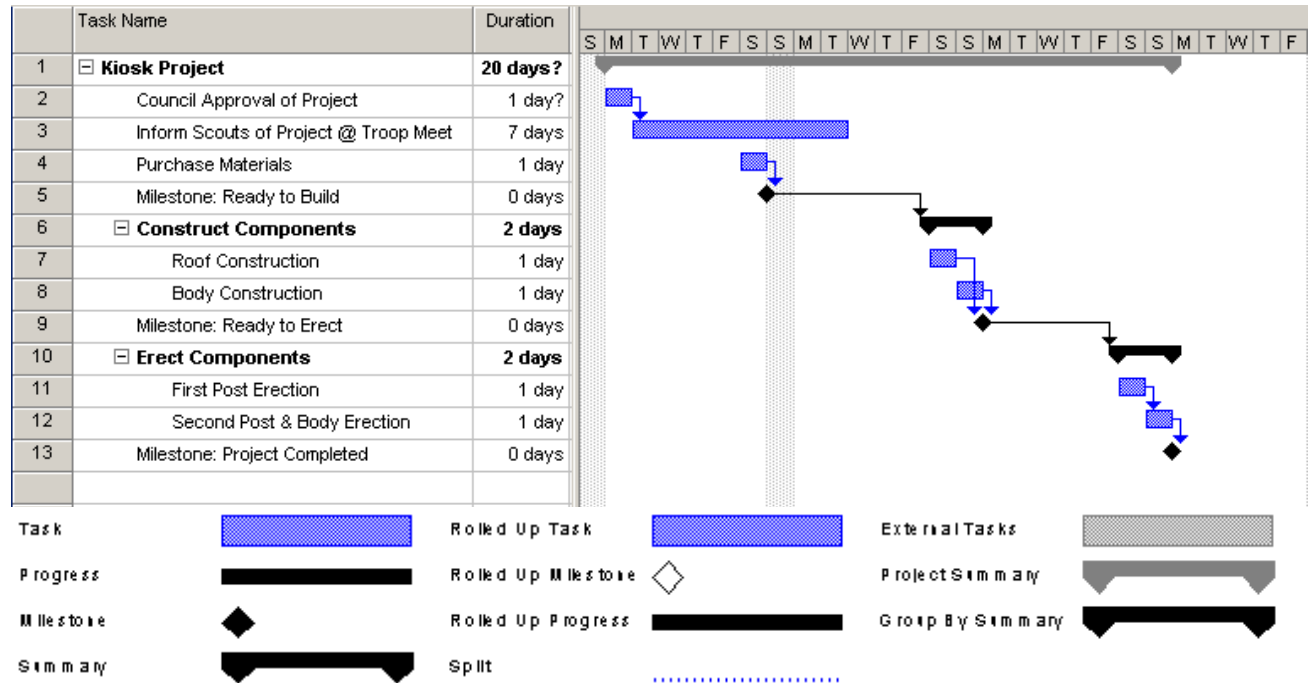
I will be supplying Domino’s Pizza and bottled water for the workers while they are on break from working.

The Domino’s Pizza will be ordered according to the schedule and the quantity of pizza will be decided based on how many workers are present, with a formula of 1 pizza per 4 workers. Working will end as soon as the pizza arrives.

Water will be provided, regardless of how many workers are present, throughout the entire time of the project to prevent fatigue, dehydration, and heat exhaustion.

My dad has graciously offered to pay for the Domino’s Pizza.

Schedule



| Time (Day 1) | Description |
|--------------|--|
| 8:30 | My dad and I go to 10715 Kahlmeyer Drive, St. Louis, MO, 63132 (WYK Headquarters) and open the doors and turn the lights on. Essentially we get the place ready for work. |
| 9:00 | All volunteers meet at WYK Headquarters |
| 9:15 | Plans are reviewed with all volunteers and safety talk about using power tools and working with pressure treated lumber. Safety glasses and work gloves are to be worn at all times. Take attendance for record of service hours |
| 9:30 | Group is split into 2 teams. Team 1 reviews how to build the roof and gets tools necessary to build the roof. Team 2 reviews how to build the body of the kiosk and gets tools necessary to build the body. |
| 9:45 | Working commences |
| 11:45 | Call to order pizza |
| 12:15 | All workers wash hands due to handling Pressure treated wood so they can eat lunch. Lunch break |
| 1:00 | Lunch break ends. Team 1 workers review how to build the roof according to plans. Team 2 workers review how to build the body according to plans. |
| 1:15 | Working commences |
| 2:45 | Painting the kiosk and posts commences |
| 3:15 | All workers begin clean up and stack wood and tools in corner of the warehouse |
| 3:30 | All workers go home. Anything uncompleted will be completed the next day, which will be a Sunday. Workers will show up at 10715 Kahlmeyer Drive at 9:00 |

| Day 2 | Description |
|--------------|---|
| 8:00 | My dad and I go to 10715 Kahlmeyer Drive, St. Louis, MO, 63132, and pick up one post to be installed at the kiosk site |
| 9:00 | My dad and I go to Brignole Park with the post. |
| 9:15 | Workers should begin showing up at Brignole Park. I start assigning the workers into groups |
| 9:30 | All workers should show up at worksite by now |
| 9:45 | Review with Team 3 workers what the plan for the day is. All workers begin to dig 2 holes, 3 feet deep and 1 foot wide, located 4 feet 4 inches apart. |
| 11:30 | Holes have been completed. Workers begin mixing concrete. |
| 11:45 | Workers put the first post in hole and fill the hole with concrete. I order pizza. |
| 12:00 | Workers set up A frame to keep the first post in place |
| 12:15 | Pizza arrives. Lunch begins. |
| 1:00 | Lunch ends. Workers set up caution tape around the board, notifying ball players and small children not to go near the kiosk. All workers go home. |
| Day 3 | Description |
| 8:00 | My dad and I go to 10715 Kahlmeyer Drive and we bring kiosk to the kiosk site at Brignole Park to be installed |
| 9:00 | My dad and I go to Brignole Park. |
| 9:15 | Workers should begin showing up at Brignole Park. I start assigning the workers into groups |
| 9:30 | All workers should show up at worksite by now |
| 9:45 | I review with the workers the plans for the day. I also discuss safety. |
| 10:00 | Workers begin to install the second post attached to the board itself to the already erected post. |
| 10:30 | Workers begin to install roof of kiosk to the kiosk. |
| 10:45 | Begin touch up paint on the board |
| 11:00 | Project completed. Workers will clean up the worksite and pictures will be taken. I will have the Parks Director inspect the Kiosk and sign off on the completed project. I will submit all receipts for the materials to get reimbursed from the City of Valley Park |
| 11:30 | Install sign on kiosk reading: Michael A. Stachiw, Jr. Boy Scout Troop 680 of Valley Park, Missouri Eagle Project Month XX, 2008 |

Systematic Instructions

Team 1 – Job Description

Make Roof

Number of volunteers needed:

2 adults

4 scouts

Tools needed:

Nails

Tape measure

Gloves

Safety glasses

Face mask

Chapel Gray Shingles

Hammers

Miter saw

¾”x2x8 plywood (precut from Lowe’s)

2x4s

4x4x12s

Protractor

Screws

Screwdriver bits

Paint

Paint brushes

Directions:

Build the roof of the project according to figures 4, 8, 9, 10, 15, 16 (Figures will be made available to the workers)

Cut 4 3 ft 2 in posts out of 2x4 with 45 degree angles at both ends

Cut 8 1 foot 5 in joists out of 2x4 wood at 45 degree angles

Take the 3 foot 2 in post and using 3½” deck screws drill in three screws to the 1 foot 5 in joist first drilling pilot holes and then countersinking them before drilling the screws in

Make sure that none of the 1 foot 5 in wood from the joists overlaps over the 3 foot 2 in post

Make sure that the tops of the 1 foot 5 in joists are separated by exactly 2 in

You have just completed a truss

Do this 4 times

Mark on the 2x4 that is 8 ft long 4 marks

The two end marks need to be 1 foot from the ends of the 8 foot long 2x4

The two middle marks need to be 1 foot 6 inches away from the end marks

Attach using 3½” deck screws first with a pilot hole being drilled and then countersinked to the 4 trusses to the 8 foot long 2x4 at the marks, with the 2x4 filling in the 2 in gap at the top of the trusses between the joists

The 2 end trusses should be on the inside of the marks and the two middle trusses should be right on the middle marks

Take 2 ¾" pressure treated plywood planks that are 2'x8'

Drill the plywood to the trusses using ¾" pressure treated plywood that have been pilot holed and countersunk

The plywood should not hand of the end of the 8 foot long 2"x4"

Paint the roof with spruce green paint

Let the paint dry

Attach chapel grey shingles to ¾" pressure treated plywood using 3 7/8" galvanized roofing nails per shingle

Paint 4"x4"x12' posts with spruce green paint

Reminders:

Be sure to have a 2"x4"x8' running across the entire length of the roof on the underside of it

Cut the 4x4x12 posts at the top at a 45 degree angle with miter saw

Screw the trusses together and then saw off the extra wood from the 2x4s that hang over the other 2x4s

The 2 pieces of plywood for the roof for a 90 degree angle

Nail on the shingles, but screw in everything else using 3½" deck screws that will go in pilot holes that are countersunk

When you are finished, paint the roof and 4"x4"x12' posts using spruce green paint

Team 2 – Job Description

Build kiosk

Number of volunteers needed:

2 adults

4 scouts

Tools needed:

Hand saw

10' tape measure

gloves

safety glasses

Face masks

Cordless drill with star bit and 1/8in drill bit and countersink bit

Paint

Paint brushes

Plexi glass

Oil

Directions:

Make the kiosk according to figures 6, 7, 11, 18 (Figures will be made available to the workers)

Take the 3/4" 4x6 pressure treated plywood and attach 2 2x4s on edge on the front along the 6 foot side

Screw 6 3 1/2" deck screws spaced 1 foot apart horizontally starting from the backside of the plywood going towards the front on the top 2x4 on edge and the bottom 2x4 on edge with drilling pilot holes first and then countersinking them

Take the 4x6 pressure treated plywood and attach 3 pressure treated 2x4 horizontal posts that are 6 foot 8 inches long using 1 1/4" deck screws on the back with 4 inches hanging over on each side of the 3/4" pressure treated plywood first drilling pilot holes and then countersinking them

There needs to be 2 1 1/4" deck screws spaced 2 inches apart vertically and 1ft horizontally along each of the horizontal posts across the back with first drilling pilot holes and then countersinking them

The top horizontal and bottom horizontal posts on the back need to run along the edges of the 3/4" pressure treated plywood

The top of the middle horizontal post needs to be 1 foot 7.5 inches from the bottom of the top of the horizontal post on the back

Paint the plywood and 2x4s with spruce green paint

Take the 4'x4'x1/4" plexi-glass sheet and attach the 1"x2"x4" board around one side of it by using the 1/8x1 wood screws spaced 4 inches apart

Attach the piano hinge under the edge of the top horizontal 2x4 post and then screw the bottom of the hinge to the top of the top 1"x2"x4" board along the top of the plexi-glass sheet

Make sure that the piano hinge is opening towards the body of the kiosk so that the plexi-glass frame goes upwards, not inwards

Reminders

The 2x4s on the bottom and the top of the front of the kiosk are on edge

The 2x4s on the back of the kiosk are not on edge

The 2x4s on the back of the kiosk hang over the back of the kiosk 4 inches on each side

Drill pilot holes and countersink them for the screws

When you are finished, paint the board

Team 3 – Job Description

Dig holes at kiosk site and place 1 post in

Number of workers

4 adults

6 scouts

Tools needed:

Shovels

Post hole digger

Gloves

Safety glasses

Pick axe

Tape measure
Concrete bags
Wheelbarrow to mix concrete in
30 gallon water drum for adding water to concrete
5 gallon drum
Water level

Directions:

Dig 2 holes 4 feet deep and 1 foot wide spaced 4 feet 4 inches apart with pick axe and shovels
Place 1 4x4x12 post in one of the holes
Fill the hole with the post in it with 4 inches of gravel
Make the concrete in the wheelbarrow
Put the concrete in the hole with the post in it
Make sure post is in perfectly vertical using water level
Build an A frame from wood from around my house and 3½” deck screws to make sure post does not move
Look at figures 6, 7, 17, and 18 for help (Figures will be made available to the workers)

Team 4 – Job Description

Install other post in ground, place body of kiosk to the two posts, and install roof

Volunteers needed

4 adults
6 scouts

Tools needed

Tape measure
Cordless drill with star bit and 1/8in drill bit and countersink bit
Work gloves
Safety glasses
Water level
Paint
Paint brushes

Directions

Install the body of the kiosk to the post not installed in the ground using 3½” deck screws
Put the uninstalled post in the ground with the body connected to it
Attach the body to the already installed post in the ground using 2 3½” deck screws spaced 2 inches apart horizontally
Use a water level to make sure everything is perfectly vertical
Fill in the hole with 4 inches of gravel

Mix concrete in the wheelbarrow and pour it into the rest of the hole
Build an A frame from wood from around my house and 3½” deck screws to make sure post does not move during the drying process
Attach roof to the kiosk using 3½” deck screws
Do some touch up work with the spruce green paint

Reminders

At the top of the 4x4x12 posts, there needs to be a 45-degree angle
Use figures 11, 12, 13, and 14 as needed

Financial Plan

I have already been allocated \$400 for the use of my project. If I go out the \$400 limit, I have already secured additional funds with Amerinet, Format International, and Strategic Mapping and Data Services.

See tax exempt letter, located in folder, so that my calculated taxes are not counted.

Warehouse

I will require the use of a warehouse for the initial construction of my project, and I have already received permission from Jim Dunn, owner of WYK Sorbents allowing me to use his warehouse for my Eagle Scout Project.

Safety

Before the start of my project I will be giving an informational talk about safety regarding the power tools and the project in general

Below is an example of my speech

There are many safety hazards that must be addressed before we begin the project. First of all, anyone working on the project must wear safety goggles, proper eye protection, and working gloves when working with any power tool. Only Scouts with Totin’ Chips are allowed to work with the saw. Everyone must behave appropriately because there are many dangerous tools being used and if someone is horsing around, then there could be a serious, if not fatal, injury. If a worker is horsing around at any time of the project, they will be required to leave the worksite immediately and go home, no questions asked. Water and pizza will be provided to prevent heat exhaustion, dehydration, and fatigue. The treated lumber we will be working with contains chemicals that are harmful to humans. Everyone working with the treated lumber will be required to wear safety glasses, face masks, and gloves.

Adult Supervision

Following the standard operating procedure of the Boy Scouts of America, I will require at least 2 adult leaders present at all times during my project. Adults will be required to supervise the power tools, and every working group will require adult leaders. Adult leaders will also be driving workers to the worksite because I will not allow anyone under 18 to drive to my project. I have secured the necessary adults for the project.

Worksite

Figure 20
Brigole Park





Figure 21
Brigole Park

“Before” Photographs



Figure 22
Brigole Park

Approval Signatures for Project Plan

Project plans were reviewed and approved by:

| | | | |
|--|------|--|------|
| Religious institution, school, or community representative | Date | Scoutmaster/Coach/Advisor | Date |
| 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: | 30 hours |
| Carrying out the project: | 14 hours |
| Total hours I spent working on the project: | 44 hours |

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

| Name | Day 1 – 11/15/08 | Day 2 – 11/22/08 | Total |
|-------------------|------------------|------------------|-------|
| Michael Stachiw | 9 | 5 | 14 |
| Dr. Stachiw | 9 | 5 | 14 |
| Mr. Ratini | 6 | 4.75 | 10.75 |
| Nick Ratini | 6 | 4.75 | 10.75 |
| Mr. Biondo | 2.5 | 4.75 | 7.25 |
| Brendan McClew | 6 | 4.5 | 10.5 |
| Chris Hartonto | 5.5 | 4.5 | 10 |
| Mr. Quinlivan | 5 | 4.5 | 9.5 |
| Charlie Quinlivan | 5 | 4.5 | 9.5 |

| | | | |
|----------------|-----|------|------|
| Kyle Lehman | | 4.5 | 4.5 |
| Thomas Robert | 6 | 4.5 | 10.5 |
| Mr. Faust | 3 | 4.5 | 7.5 |
| Mr. Efken | 3.5 | 4.5 | 8 |
| Justin Efken | | 4.5 | 4.5 |
| Stephen Lutman | | 4.5 | 4.5 |
| Mr. Cusack | | 4 | 4 |
| Mr. Dains | 2.5 | 4 | 6.5 |
| Craig Dains | 2.5 | 4 | 6.5 |
| Aaron Dains | 2.5 | 4 | 6.5 |
| PJ Donahue | 6 | 4 | 10 |
| Ethan Cusack | | 3 | 3 |
| Will Cusack | | 3 | 3 |
| Kyle Cusack | | 3 | 3 |
| Chris Stachiw | 7 | | 7 |
| Ted Yahl | 6 | | 6 |
| Jimmy Yahl | 2.5 | | 2.5 |
| Joe Yahl | 6 | | 6 |
| Ty Dierson | 6 | | 6 |
| Mr. Donahue | 6 | | 6 |
| Jamie Biondo | 2.5 | 4.75 | 7.25 |
| Dustin Biondo | 2.5 | 4.75 | 7.25 |
| Mr. Brooks | 3.5 | | 3.5 |
| Taylor Brooks | 3.5 | | 3.5 |
| Mrs. McClew | 3 | | 3 |
| Nick Scarfino | .5 | | .5 |
| Mr. Scarfino | .5 | | .5 |

Total number of hours others worked on the project: 237.25

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: 267.25 hours

Materials Required to Complete the Project

Table 3 - Materials

| Quantity of Unit | Unit Description | Price per unit | Cost of units |
|------------------|---|----------------|-----------------|
| 2 | ¾" Treated Plywood Sheet for roof and back panel | \$32.97 | \$65.94 |
| 2 | 4"x4"x12' pressure treated posts for vertical posts | \$11.97 | \$23.94 |
| 8 | 2"x4"x8' pressure treated boards for horizontal posts | \$3.29 | \$26.32 |
| 2 | 25 year asphalt shingles, 60 mph wind resistance, chapel gray color | \$13.75 | \$27.50 |
| 2 | Outdoor Paint, quart BEHR ultra exterior flat, color shaded spruce green | \$15.00 | \$30.00 |
| 1 | 3½" deck screws, green coated, star head, 1 lb box | \$8.99 | \$8.99 |
| 1 | 1¼" deck screws, green coated, star head, 1 lb box | \$8.99 | \$8.99 |
| 1 | 7/8" galvanized roofing nails, 1 lb box for shingles | \$2.43 | \$2.43 |
| 14 | 50 lb bags quickset concrete | \$5.97 | \$83.58 |
| 1 | 4'x4'x1/4 acrylic plexi-glass sheet | \$97 | \$97 |
| 1 | 48" piano hinge | \$10.97 | \$10.97 |
| 2 | 1"x2"x8' pressure treated wood | \$1.97 | \$3.94 |
| 1 | 1/8"x1" deck screws, green coated, 1 lb box | \$8.99 | \$8.99 |
| | Total | | \$398.59 |

Changes

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

The most important change was the schedule. I decided to have my project completed in two days, spaced a week apart. The first day was building the kiosk and painting everything. The second day was digging the holes in the ground, putting the posts in the ground, and adding the roof to the kiosk. During the project approval meeting, it was suggested that I think about a different way of adding the roof to the kiosk body (I originally had that people would carry it up a ladder). I talked a dad in my troop into brining a cherry picker from his work and use that to lift the roof onto the kiosk body. It worked perfectly. We bought 1 extra sheet of plywood and two extra bags of cement. The major problem during the project was the roof trusses. My measurements were all wrong for the trusses so I had the team building the roof use wood pieces to fit together a truss and then from there it went great. Another problem was when we had to put the shingles on the roof. We were four shingles short, but luckily a local hardware store donated the extra four shingles to my project when we went up and asked. I had enough tools and supplies. There was actually a lot more workers there than I thought there would be, so that drove my man-hours up a bit. Another thing suggested during the project approval meeting was that I should add some sort of locking mechanism to the kiosk so that people would not vandalize it, so I added an eyehook to the bottom of the plexi-glass frame and another to the bottom of the body of the kiosk, and by inserting a lock, they can be locked together. I also added two drawings for cutting the wood, shown below:

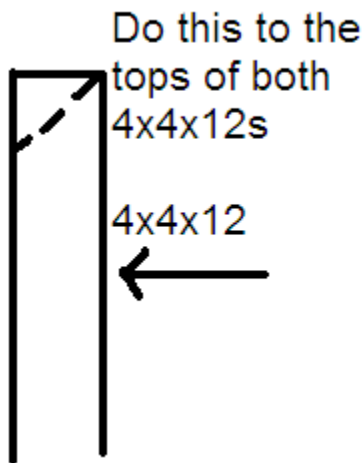


Figure 23

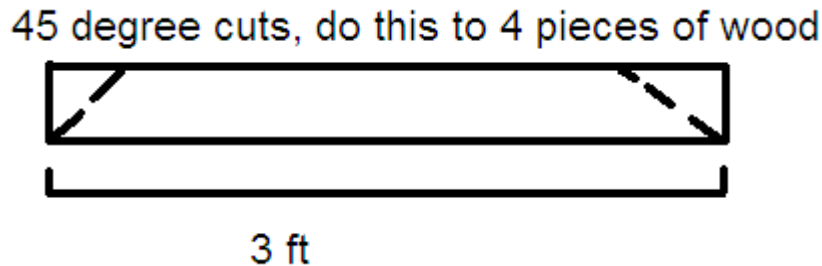


Figure 24

“After” Photographs

Including photographs of your completed project (along with the “before” photographs) helps present a clearer overall understanding of your effort.



Figure 25



Figure 26 – Lowering roof onto kiosk via cherry picker

Approvals for Completed Project

Start date of project:

Completion date of project:

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

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 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. After earning the Eagle Scout Award, a Scout may work to earn Eagle Palms. An Eagle Palm or Palms must be earned before the Scout's 18th birthday. Palms must be earned one at a time, in the order of Bronze, Gold, and then Silver. Each Palm level can only be earned after a three-month tenure since earning the last Palm and by satisfactory completion of all of the other requirements for the next Palm.

