

David Stevens



Eagle Project

PROJECT DESCRIPTION

Project name Three season porch wall repair

Describe the project you plan to do.

The project that I plan on doing to earn my eagle rank is located at the Izaak Walton League. They have just recently built a three season porch on to their chapter house. They had a contractor come in and build the Izaak Walton League one. Unfortunately the contractor put wood paneling just over the studs and it is now all warped. What happened was the wood paneling was only attached sixteen inches apart. With this much space between each staple the wood paneling would expand and contract over time due to temperature and moisture. My plan to fix this is to strip the wall of everything on it, then put up oriented strand board or OSB up over the bare wall. After we put up the OSB we will have new wood paneling to put up over the OSB. Once we get all the wood paneling back up on the wall we will then have to put back up the emergency light, outdoor light, and the three outlets on the wall. The reason we will put up the OSB is to have the staples holding up the wood paneling closer together so that the wood paneling does not have room to warp.

Analysis

The Izaak Walton League has just recently built a three seasons porch. They had a contractor come out and build them the porch. On the west wall they put up wood paneling. The problem was they put the wood paneling up just over the bare wall. In doing this they left a 16 inch gap between the staples. With this gap between the staples the wood paneling can move between the staples. With the moisture and temperatures the wood paneling will either expand or contract. When the wood paneling expands and contracts the paneling can bubble out or tighten up on the staples. When the wall bubbles it makes the space look bad. If the wood paneling expands and contracts enough times it can actually pull the staples out. If it gets this bad and staples do start to pull out there won't be anything holding up the wood paneling, and if there is nothing holding up the wood paneling they could fall and hurt somebody or damage things.

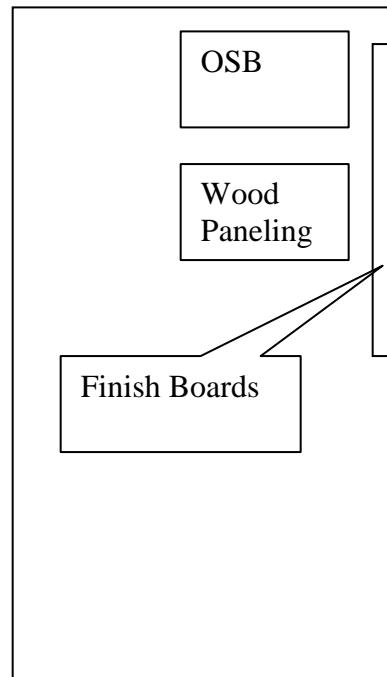
Attendance

It is obviously difficult to predict how many people will attend to help with my project. However, I think I have a rough estimate. I believe it is easy to say about 15 boys from my troop will show up at the project because I have a very large troop with roughly 40 boys in my troop. I will also have my Dad, Mom and sister along and a couple of my friends there as well to help. I also predict to have between 3 to 5 adults along to help with the project and oversee it all. Adding this all up I believe I will have around 22 people to help me on my project. I believe this seems to be a very probable estimate. To ensure attendance I will be placing a sign up sheet at a scout meeting and send out emails to people to let them know, and hopefully this will enhance my prediction at how many people there will be.

The Steps

Step 1: Move wood

The first step in my eagle project is to get the wood. Menards will be dropping off the wood paneling, OSB, and finish boards out at the Izaak Walton League. I would like to get a couple guys to help me move the OSB, wood paneling and finish boards into the three seasons porch. We will stack the OSB, wood paneling, and finish boards on the east wall inside to keep it out of our way until we need to use it. For this step I am planning on having four people help me move the pieces of wood inside. I believe to get all these pieces of wood into the porch it will take 30 minutes. The only tools that will be needed for this step will be gloves so our hands don't get splinters.



Step 2: Outlets off wall

The second step will be to take the three outlet covers, one emergency light, and the one outdoor light off the wall. Since it will be dark outside we will plug an extension cord inside the chapter house and use the flood lights to see. We will then turn off the main breaker to the porch so nobody gets shocked and will stay off until the project is done. After we cut the power on the porch we will then use the screwdrivers and drills to take off the outlets, emergency light, and outdoor light. I will need a couple scouts up on a ladder to take off the lights very carefully. For this step I will also have about four people as well, and it will also take about 30 minutes to complete this task. The tools that we will need for this task will be ladders, screwdrivers, and drills.



Step 3: Take off Finish Boards

The third step in my eagle project is taking down the existing finish boards that are up right now, but we have to try and take it down as carefully as we can. These finish boards were up to hide the seams in the wood paneling. We will first take off the finish boards to expose the seams. To take off the wood planks we will use crowbars and hammers to get behind the wood to pull them off the wall. When they are off the wall there will be nails sticking out of them so I will have some scouts with hammers to take the nails out. When we get the finish boards off the wall we will make a nice neat stack of old finish boards against the east wall so they are out of our way. I would like to have about 10 people there to take down the finish boards and this would only take use about an hour. The tools we will need for this step are hammer, crowbar, ladders, and gloves.



Step 4: Take off wood paneling

The fourth step in my project will be to take the wood paneling off the wall. Once we get the finish boards off it will be easy to find a seam and start pulling staples out of the wall. We will try and be as careful as possible to try and save as much of the wood paneling as we can so that the Izaak Walton League can reuse it for another wall in the porch. We will use crowbars and hammers to get behind the wood paneling and try and pull it up to pop the staples out. Once the wood paneling is off the wall we will stack it like the finish boards on the east wall out of our way. It would be nice to have 15 people come and help me take down the wood paneling. I believe it will take me about 2 hours to take all the wood paneling off the wall. To do this step we will need hammers, crowbars, ladders, gloves, and pliers.



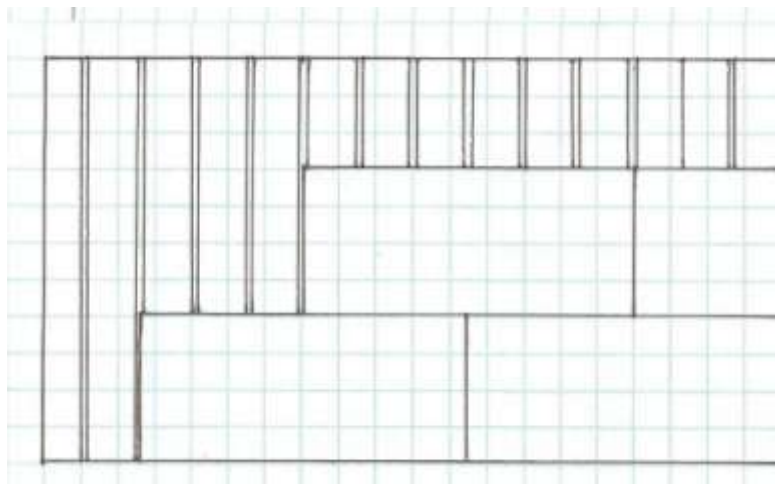
Step 5: Outlet extenders

The fifth step in the process is to use the outlet extenders on the outlets to extend them about a half of an inch out from the wall to make up for the OSB we will be putting up after this step. Really for this project I will only need one person and they should only take about 30 minutes to do this step. All this person will need to perform this step is a screwdriver.



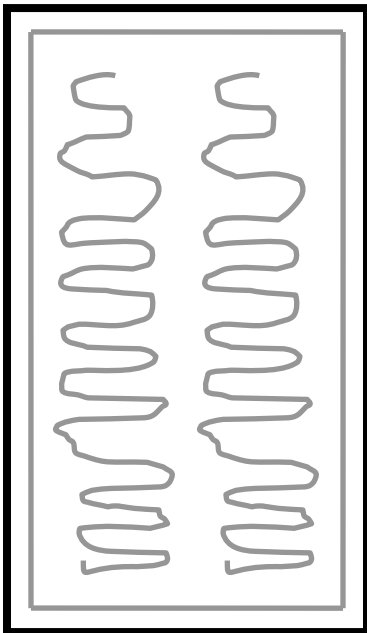
Step 6: Put up OSB

The sixth step will be one of the hardest steps in the whole process of this project. The Izaak Walton League wants the OSB laying four feet tall by eight feet long. The hard part of this step is we have to cut out where the window is and cut out the holes for the outlets and lights so the OSB can fit around all that. Before this step is started I will have a brief meeting with everybody to show them how this step is done properly. To ensure we get the desired cut we want, we will measure from the last piece to the obstacle we have to cut around. Once we get that measurement we then measure from either the floor up or from the piece below up to get a height. When you have both of these measurements you lay them out on the OSB. To do this you will take the horizontal measurement and measure from one side over then you take the vertical measurement and measure from the bottom up. After these marks are made you will use the chalk line to connect them. Before you cut each piece it will be inspected by an adult or I and if there is any questions at all on what to do come see me. Once you get the lines marked you can then cut them out. To cut the pieces out to the desired shape we will use different tools. One tool we will use is the circular saw. We will use this to make straight cuts in the OSB. The next tool is a saber saw and or a jig saw. This tool will be used to cut circular pieces out and to cut out the outlets. Once the OSB is the desired shape we will have scouts holding up the OSB while either a respected adult or I will be using a staple gun to staple up the OSB to the studs. The person who is stapling up the OSB will staple every 12 inches apart with 1 ½ inch staples on each stud. I have had plenty of training in using machines through a class I am currently taking in school where I am building a house. When we lay the first and second rows of OSB we will have to offset them so the seams of the OSB don't line up. The reason we will be using a staple gun instead of a nail gun is because the Izaak Walton League would like the OSB up with staples instead of nails. Also they want us to use the gun to make it consistent instead of having bent staples. The staple gun will ensure the same depth every time. I think it will take about three hours to do this entire step with 15 people. The tools needed to do this step are staple gun, air compressor, air hose, ladders, chalk line, circular saw, saber saw, jig saw, extra blades, drill bit, drill, tape measures, squares, gloves, safety glasses, ear protection, 1 ½ inch staples, extension cords, and saw horses.



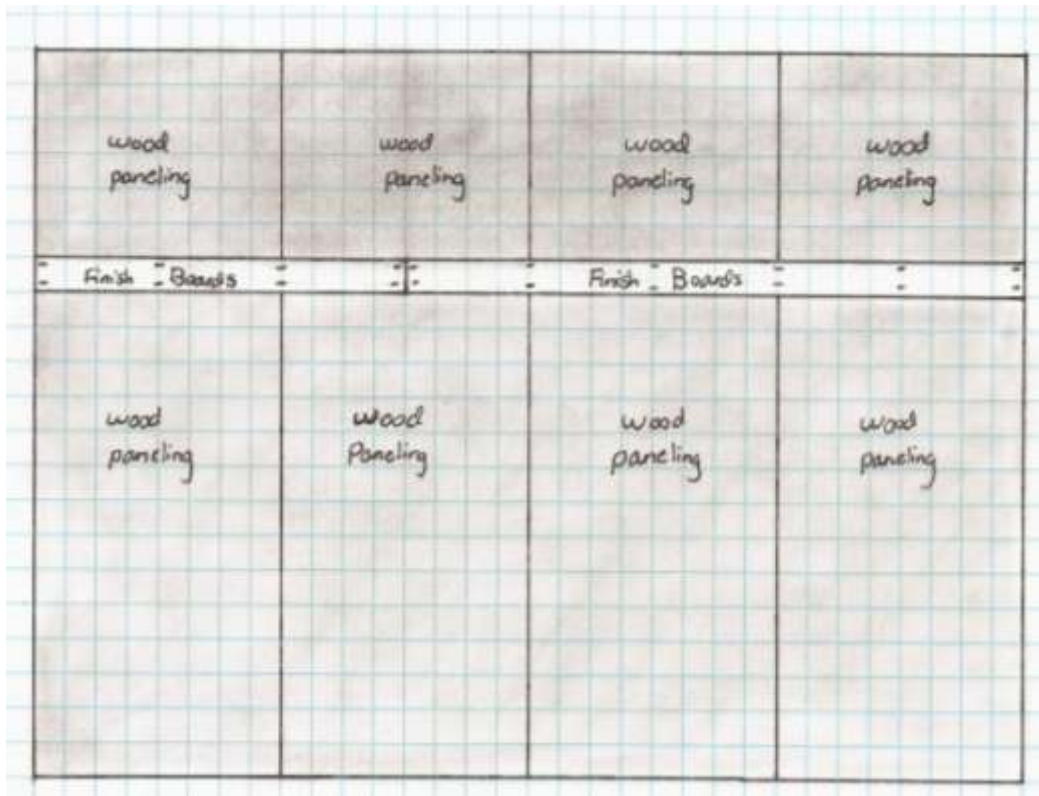
Step 7: Put up wood paneling

The seventh step for my project will also be another hard step. In this step we will have to put up the wood paneling. The tricky part is we have to cut it out to fit around everything on the walls. Before this step is started I will have a brief meeting with everybody to show them how this step is done properly. To ensure we get the desired cut we want, we will measure from the last piece to the obstacle we have to cut around. Once we get that measurement we then measure from either the floor up or from the piece below up to get a height. When you have both of these measurements you lay them out on the wood paneling. To do this you will take the horizontal measurement and measure from one side over then you take the vertical measurement and measure from the bottom up. After these marks are made you will use the chalk line to connect them. Before you cut each piece it will be inspected by an adult or I and if there is any questions at all on what to do come see me. Once you get all these marks down you then can cut them out. The only difference is the OSB is eight feet long by four feet high and the wood paneling will be put up the opposite way. It will be four feet long and eight feet high. Once the pieces are cut out we can then use caulk and the staple gun to hold up the wood paneling. To apply the adhesive somebody will be using a caulking gun and will be applying a quarter inch bead of adhesive an inch in from the edge all the way around and two squiggly lines in the middle. The wood paneling will have grooves in it and these grooves will be running vertically and be facing us. The person using the staple gun will be stapling every 12 inches apart with $\frac{3}{4}$ inch staples. For this step I would like to have 15 people and I believe it will only take two hours because we will then all know what we are doing. The tools for this step are staple gun, air compressor, air hose, ladders, chalk line, circular saw, saber saw, jig saw, extra blades, drill bit, drill, tape measures, gloves, safety glasses, ear protection, $\frac{3}{4}$ inch staples, extension cords, squares, saw horses, adhesive, and caulking gun.



Step 8: Put up the Finish boards

The eighth step in the process will be to put up new finish boards. These boards will be there to cover up the seams. We will put the center of the finish boards where the seam of the wood paneling is and staple them up with the staple gun. We will have to cut pieces to fit around the windows and door and staple those up as well. I think that with 10 people it will only take us about an hour to put up all the pieces. The tools needed in this step are staple gun, air compressor, air hose, ladders, circular saw, tape measures, gloves, safety glasses, ear protection, staples, extension cords, saw horses, and squares.



Step 9: Outlets back on wall

The ninth step in my project will be putting the three wall outlets, one emergency light and one outdoor light back up on the wall. We will once again use screwdrivers to screw back up the outlets and lights. After everything is back on the wall we will then turn the power back on. With four people I can get this step done in 30 minutes. It will only take ladders, screwdrivers, and drills.



Step 10: Clean up

The tenth and final step will be to clean up. We will use brooms to sweep up and make everything look like it was before we did the work. This step should be done in 30 minutes by 2 people. The only things I will need are brooms, dust pans, and garbage bags.



Possible Safety Hazards

Wood can have splinters on them, especially OSB. This can create slivers and cuts and will be a problem. To ensure nobody gets slivers or cuts when somebody is handling wood they will be wearing work gloves.

Getting cold or frostbite can be very dangerous. The Izaak Walton Leagues chapter house is heated. If anybody gets too cold, they can step inside and warm up.

Even though it is cold outside dehydration can be a problem. To ensure nobody gets sick the Izaak Walton League has a sink inside the chapter house kitchen that we can get water from. There will be cups for everybody to have.

There is a possibility of somebody smashing their finger with a hammer or a crowbar. If this happens at my project, we will get some ice/ snow from outside and put it in a ziplock baggy and use that like an ice pack.

If glass from a window gets broken, everybody will be moved away from that area and an adult will sweep up all the broken glass.

There will be both eye and ear protection that everybody will wear for their own safety. On my project it will be mandatory for everybody to wear them because the circular saws are very loud, and the safety glasses are for flying objects so nobody gets an eye poked out.

OSB can be very heavy. To ensure that nobody gets hurt by trying to pick it up on their own there will always be 2 people on either end to carry the board. Whoever is carrying the pieces of OSB will always have gloves on to ensure nobody gets cuts or splinters.

With the wood paneling there will be three people that will be carrying it. The only reason we will have three people on this is we will need somebody to hold it in the middle. Otherwise the wood paneling will crack and somebody could get hurt from the wood paneling.

In a really bad situation somebody could get cut severely from a saw. The first thing we would do is get the person inside the chapter house while somebody is on the phone with 911. While emergency vehicle is coming we will keep pressure on the cut to slow down the bleeding.

I looked up the Guide to Safe Scouting. It was fine for scouts to use power tools ONLY under the direct supervision of an adult who has used that type of tool. Now with my project I am going to limit it even more to only scouts that are mature and 16 and older may who use power tools under the direct supervision of an adult.

To ensure everybody has a safe and fun time at my eagle project there will be at least 4 adults at the site at all times as well as a first aid kit on hand. Sam Scherkenbach will be the medic for my project as well as my Mom. If something serious happens, we can either call 911 or (319) 366-7654 which is the local area ambulance service.

If a scout is allergic to dust and/or mold you may want to consider this when deciding to help and if you do help please bring your own breathing mask.

We will be turning off all power to the three seasons porch for the whole project so nobody gets electrocuted.

David's Planning Hours

Description	Date	Hours
Meeting with Mr. Godlove (Mr. Godlove and I)	11/28/2009	1
Meeting with Mr. Godlove (Mr. Godlove and I)	12/12/2009	.5
Meeting with Mr. Godlove (Mr. Godlove and I)	12/19/2009	1
Meet with Mr. Godlove (Mr. Godlove and I)	12/30/2009	1
Meeting with Mr. Grote (Mr. Grote and I)	1/4/2010	.5
Meeting with Mr. Godlove (Mr. Godlove and I)	1/9/2010	1
Write up	1/14/2010	4.5
Write up	1/15/2010	7
Meet with Mr. Godlove (Mr. Godlove and I)	1/23/2010	1
Write up	1/24/2010	1.5
Meet with Mr. Fiester (Mr. Fiester, my mom, and I)	1/25/2010	1.5
Meet with Mr. Grote (Mr. Grote and I)	1/25/2010	.5
Meet with Mr. Grote (Mr. Grote, my mom, and I)	1/29/2010	3
Meet with Mr. Feister (Mr. Feister, my mom, and I)	1/29/2010	9
Write up	1/29/2010	2
Write up	1/30/2010	7
Write up	1/31/2010	.5
Scoutmaster signature	1/31/2010	.5
Committee's approval	2/1/2010	.5
District advancement committee signature	2/1/2010	.5
Total		44 hours

Food

Breakfast

The Izaak Walton League will provide 2 dozen donuts and an igloo with water.

Lunch

The Izaak Walton League will provide lunch. It will be very nice of the Izaak Walton League to provide us with food. We will order 10 pizzas based on the number of people estimated to be at the project. We will have Kool-Aid and water to drink.

Material list

Material	Quantity	Cost	P/D/B	Additional Information
Hammers	10	\$0.00	B	Brought by Troop Members
Crowbars	5	\$0.00	B	Brought by Troop Members
Staple Gun	1	\$0.00	P	Purchased by Izaak Walton League
Air Compressor	1	\$0.00	P	Provided by Izaak Walton League
Air Hose	1	\$0.00	P	Provided by Izaak Walton League
Screw Drivers	5	\$0.00	B	Brought by my Family
Electric Drills	3	\$0.00	B	Brought by my Family
Ladder	4	\$0.00	B	Brought by my Family & Izaak Walton League
Pliers	5	\$0.00	B	Brought by my Family
Chalk line	1	\$0.00	B	Brought by my Family
Paneling saw blade	1	\$9.00	P	Purchased by the Izaak Walton League
Circular saw	2	\$0.00	B	Brought by my Family
Jig saw	1	\$0.00	B	Brought by my Family
Saber saw	1	\$0.00	B	Brought by my Family
Square	2	\$0.00	B	Brought by my Family
Drill Bit	1	\$0.00	B	Brought by my Family
Tape measures	5	\$0.00	B	Brought by Troop Members
Gloves	15	\$0.00	B	Brought by Troop Members
OSB	28	\$224	P	Purchased by Izaak Walton League
Zip lock bags	1 box	\$0.00	B	Brought by my Family
Igloo water cooler	2	\$0.00	P	Provided by Izaak Walton League
Kool aid	20	\$4	P	Provided by my Family
Sugar	20 cups	\$4	P	Provided by my Family
Donuts	2 dozen	\$16	P	Purchased by Izaak Walton League
Cups	50	\$0.00	D	Donated by my Family
Wood paneling	27	\$675	P	Purchased by Izaak Walton League
Finish boards	15 @ 10ft	\$90	P	Purchased by Izaak Walton League
1 ½ inch staples	1,000	\$5	P	Purchased by Izaak Walton League
¾ inch staples	1,000	\$5	P	Purchased by Izaak Walton League
Work lights	1	\$0.00	B	Brought by my Family
Pizza	10	\$120	P	Purchased by Izaak Walton League
Power strip	2	\$0.00	B	Brought by my Family
Extension cords	5	\$0.00	B	Brought by my Family
Space furnace	1	\$150	P	Purchased by Izaak Walton League
Adhesive	20	\$80	P	Purchased by Izaak Walton League
Outlet Extenders	3	\$9	P	Purchased by Izaak Walton League
First Aid Kit	1	\$0.00	B	Brought by my Family
Garbage bag	5	\$0.00	P	Provided by Izaak Walton League
Dust pans	2	\$0.00	P	Provided by Izaak Walton League
Brooms	2	\$0.00	P	Provided by Izaak Walton League
Caulking gun	2	\$0.00	P	Provided by Izaak Walton League
Saw horses	4	\$0.00	B	Brought by my Family
Ear Protection	20	\$0.00	B	Borrowed from Venture Crew 870
Safety glasses	20	\$0.00	B	Borrowed from Venture Crew 870
Total		\$1,391		

Labor Cost

If the Izaak Walton League were to hire a contractor to come out and do this for them they would have to pay for 133.5 hours of work. With the carpenter wage this year of \$16.4 an hour the project would cost about \$2,189.4. This just counts labor alone. This does not count for tools, supplies, and materials.

Total cost of project if professionally done

Adding the labor cost of \$2,189.4 and the material cost of \$1,391, this project would have cost the Izaak Walton League \$3,580.4

Total hours worked on project

Adding the 133.5 planned labor hours and the 44 hours I've done planning, the total number of hours for this project adds up to 177.5 hours.

OSB and Wood Paneling Sheets

We figured that we would need 28 sheets of OSB and 27 sheets of wood paneling. I came up with this number as the dimension of the wall is about 64 feet long and 11ft tall. Because we are going to lay the OSB eight feet long and four feet high we take 64 divided by eight to get how many we need to go across the wall which is eight sheets. With the height being 11 feet tall and the sheets only four feet we will need three rows tall. To total it all up we will need 24, but we will get four more sheets incase we mess a sheet up. I also figured that we will need 27 sheets of wood paneling as well. I came up with this figure because the sheets are also four feet by eight feet. The difference with these and the OSB is these will be put up eight feet tall and four feet long so these will go up the exact opposite direction as the OSB. Now with the eight feet tall you use less then one and a half sheets of wood paneling. The good thing is you can use the other half of the first sheet for the second piece as well so you will only need eight pieces for across the top. So total you will only need 24 to do this project, but we added in an extra three in case we mess up. The Izaak Walton League will use any sheets that we do not use so they are ok with ordering a couple extras.

The Total Number of Man Hours

I made this spreadsheet to show that I will have over 100 hours of service work to do for my eagle project. This shows that I do not need to add in anything else to my project.

Task #	Number of People	Number of Hours	Total Hours
1	4	.5	2
2	4	.5	2
3	10	1	10
4	15	2	30
5	3	.5	1.5
6	15	3	45
7	15	2	30
8	10	1	10
9	4	.5	2
10	2	.5	1
			133.5 Hours Total

Remember...

Task 1: Move wood

Task 2: Outlets off wall

Task 3: Take off finish boards

Task 4: Take off wood paneling

Task 5: Outlet extenders

Task 6: Put up OSB

Task 7: Put up wood paneling

Task 8: Put up finish boards

Task 9: Outlets back on wall

Task 10: Clean up

Schedule

I am planning on carrying out my project on February 5th, 6th, and 7th. This is a Friday, Saturday, and Sunday.

On the 6th we will start at 8:00am at the work site. My family and a few others will be arriving around 7:30 to get prepared for the day. I am estimating that the project will take all day and I may need to come the 7th as well.

February 5th

Time	Explanation
5:30pm	Prepare before people arrive
6:00pm	Talk about safety, direct people and start step 1 - move wood inside
6:30pm	Finish step 1 and start step 2 - outlets off wall
7:00pm	Finish step 2 and start step 3 - take off finish boards
8:00pm	Finish step 3
8:00pm	Start step 10 - clean up
8:30pm	Finish step 10, done for the night

February 6th

7:30am	Prepare all the materials before people arrive
8:00am	Talk about safety, direct people & start step 4 - take off wood paneling
9:00am	Quick break
9:10am	Back to work
10:00am	Finish step 4, another quick break
10:15am	Start step 5 - outlet extenders
11:45am	Finish step 5, lunch
12:15pm	Talk about safety, start step 6 - put up OSB
1:00pm	Quick break
1:10pm	Back to work
2:00pm	Quick break
2:10pm	Back to work
3:15pm	Finish step 6, quick break
3:30pm	Start step 7 - put up finish boards
4:30pm	Quick break
4:40pm	Back to work
5:30pm	Finish step 7
5:30pm	Step 10 - clean up
6:00pm	Finish go home

February 7th

2:00pm	Prepare all the materials before people arrive
2:30pm	People arrive, talk about safety start step 8 - put up finish boards
3:30pm	Finish step 8, quick break
3:45pm	Start step 9 - put outlets back on wall
4:15pm	Finish step 9, start step 10 - clean
4:45pm	Finish step 10. Finish.

Before pictures



Approval Signatures for Project Plan

Religious Institution, School or Community Representative Date

Scoutmaster Coach Advisor Date

Unit Committee Member Date

District Advancement Committee Member Date

Hours I Spend Working on the Project

Hours I Spent: Planning the project: **44**. Carrying out the project: **20** hours **30** min.

Total hours I spent working on the project: **64** hours **30** min.

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

<u>Name</u>	<u>Hours Friday</u>	<u>Hours Saturday</u>	<u>Hours Sunday</u>	<u>Total Hours</u>
Sam Scherkenbach	2 Hours 30 min	10 Hours 40 min	6 Hours	19 Hours 10 min
Ben Wilkinson	2 Hours 30 min		3 Hours 10 min	5 Hours 40 min
Dustin Pierce	2 Hours 10 min	4 Hours 35 min		6 Hours 45 min
Olivia Sippy	2 Hours 30 min		4 Hours 20 min	6 Hours 50 min
Paula Stevens	1 Hour 45 min	11 Hours	6 Hours	18 Hours 45 min
Chase Grabau	2 Hours	10 Hours 45 min	3 Hours 30 min	16 Hours 15 min
Joel Grabau	2 Hours	10 Hours 45 min	3 Hours 30 min	16 Hours 15 min
Katlyn Stevens	2 Hour 15 min	11 Hours	6 Hours	19 Hours 15 min
Joel Schmidt	1 Hour 15 min	2 Hours		3 Hours 15 min
Kevin Stevens	1 Hour 45 min	11 Hours	6 Hours	18 Hours 45 min
Shelby Iverson	1 Hour 20 min	5 Hours 50 min	5 Hours 10 min	12 Hours 20 min
Brian Wobbema		10 Hours 45 min		10 Hours 45 min
Rob Kopecky		5 Hours 25 min		5 Hours 25 min
Jack Kopecky		5 Hours 25 min		5 Hours 25 min
Ben Jacobs		5 Hours		5 Hours
Bruce Jacobs		5 Hours		5 Hours
Nathan Schmidt		2 Hours		2 Hours
Kalvin Shepherd		6 Hours 15 min	3 Hours 50 min	10 Hours 5 min
Karl Shepherd		6 Hours 15 min	3 Hours 50 min	10 Hours 5 min
Ben Tallman		4 Hours 35 min		4 Hours 35 min
Steve Fiester		4 Hours 30 min		4 Hours 30 min
Todd Hendricks			3 Hours 30 min	3 Hours 30 min
Nathan Hendricks			3 Hours 30 min	3 Hours 30 min
Roger Kirpes			1 Hour 50 min	1 Hour 50 min
Kyle Grote			2 Hours 35 min	2 Hours 35 min
Thom Grote			2 Hours 35 min	2 Hours 35 min
Peter Wilkinson			3 Hours 10 min	3 Hours 10 min
Total Hours	22 Hours	132 Hours 45 min	68 Hours 30 min	223 Hours 15 min

Total number of hours others worked on the project: **223** hours **15** min

Grand total: **287** hours and **45** min

Materials Required to Complete the Project

OSB	\$165.10
Wood Paneling	441.74
Eight foot stud	7.96
Ten foot stud	4.76
Menards delivery fee	44.95
Menards tax	43.37
Heater rental	205.95
Crown staples	19.28
Adhesive	44.72
Lowe's tax	4.48
Pizza	90
Donuts	9.99
Total	\$1082.30

Changes

1. Wood came on Saturday morning instead of Friday night like I planned. The reason this happened was the Menards guy delivering the wood got into an accident and couldn't bring out the wood till Saturday morning. So the only steps we could do on Friday night were steps 2, 3, and 4.
2. Instead of using the staple gun that we planned to use we used a nail gun instead. The reason for us switching to a nail gun was because under the old wood paneling was an outdoor sheeting that we did not know about and the Izaak Walton League wanted to keep up. If we kept the outdoor sheeting up and tried to staple through the OSB and the sheeting the staple wouldn't be able to grip the studs. So instead we used a nail gun that used 3 inch nails to go through both the OSB and the outdoor sheeting and that would hold up the OSB.
3. We set up the room differently then what was in my plan to make it easier to move around and so things were out of the way. We had the diesel furnace in the middle of the room. We then had the cutting station on the north east corner of the building so there were only two sides open for safety reasons. We then put the new wood right next to the cutting station so they didn't have to go very far to get cut. The only thing that stayed the same was where we put the old pieces of wood.
4. We did not have to use outlet extenders on the wall. When we took the covers off the wall and undid the outlets they were not nailed to a stud. They could be pulled out of the wall. When all the new wood was up we just pulled the outlets through and screwed them to the wood paneling and put the covers over and they looked good as new.
5. When we shut off the power to the west wall on the three seasons porch we thought it was on a different breaker then the other wall. Turns out the whole porch is wired on two circuits. One for outlets and one for the lights. We had to shut all the power off out on the porch to work safely so in turn we had to run an extension cord from inside the chapter house to run all the electrical things we used.
6. The finish boards that we took down on Friday night we did not have to put any back up. The Izaak Walton League did not order the finish boards and told me they were hiring a contractor to do that professionally to make it look perfect.

“After” Photographs



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

