6) Component E (Fig 5): Note: This component is built for the 4'x4' shed only. If shed will be against another building E is not necessary. Place the four pieces E1 between two pieces E2. The center of one of the two center pieces E1 is located 14" from the outside edge of piece E1 and the other is located 16" from the center of this piece E1. Nail assembly together using 3" common nails, nailing through the pieces E2 into the ends of the pieces E1. Place E3 on this frame so that piece E3 overlaps one end of the piece E2 by 1 1/2" and 4 1/8" at the bottom. Nail piece E3 to the frame using 2" common nails.

7) Component F (Fig 6): Lay out the seven pieces F2 between the two pieces F1, with 16" between the centers of pieces F2 as shown in (Fig 6). Nail through components F1 into components F2 using 3" common nails. Place piece F3 squarely on the F1/F2 assembly using 2" common nails.

8) Component G (Fig 7): Lay out seven pieces G2 between two pieces G1, with 16" between the centers of pieces G2 as shown in (Fig 7). Nail through components G1 into components G2 using 3" common nails. Place piece G3 on the frame 1/4" back from the side edge of one piece G1 a 2" overhang on the ends G2. Nail to the frame using 1 1/2" common nails.

4x8 Shed Assembly

To build the 4x8 shed refer to figure 8. With a helper set wall C on floor F, nail C to F through C7 with 3" common nails. Be sure the 4 1/8" overlap of C covers side of F. Next place a wall B adjacent to C. Join B to another wall B by nailing piece L to each B with 3" nails Nail BLB to F. Attach A on end of BLB assembly. Nail bottom plates of A to F and nail inside corner studs of B to ends of walls A and C. Looking from the outside, B should cover ends of walls A and C forming a finished corner. Place roof G in place with plywood overhanging walls A, BB, C. If shed is free standing place wall EME in place Nail E to F then to ends of A and C. Nail G from the top into tops of wall assemblies using 3" common nails. Tar nail heads and finish roof either with shingles, roofing tar or paint. Nail component J to high side of roof with 2" common nails. J acts as an overhang on side E. If your building leans up against another building substitute piece H for wall E and use flashing against existing building to replace J. Hang door D in A, you may have to plane a bevel in back edge of door so it will close easily. Screw hinges to outside of door so door opens outwards. Attach your door latch (according to manufacturer's instructions). Use a plywood trimming for doorstop on the inside of shed, nailing it to A2 with 2" common nails. Add decorative trim if desired and paint with exterior paint.

8x8 Shed Assembly

To build the 8'x8' shed refer to figure 9. From the underside nail or bolt two floor components F together sixteen 3" common nails or 3"x1/4" lag bolts. Turn F assembly over with a helper. Stand wall C on one end of F. Nail C to F through C7 with 3" common nails. Be sure the 4 1/8" overlap of C covers side of F. Next place wall B on adjacent to C. Nail B to another B by nailing piece L to each B with 3" nails. Next place wall A on end of BLB assembly. Nail BLB to F. Nail bottom plate of A to F and nail inside corner studs of B to end of walls A and C. Looking from the outside B should cover ends of walls A and C forming a finished corner. Take pieces H and nail into beam pocket in A and C with 3" common nails. Nailing one piece H to beam pockets in A and C. Nail second piece H to first H with 3" common nails. Stand other two walls C on ends of standing walls A and C. Nail top edges of C through beam pocket into H with 3" nails either side. Nail bottom plates of C to F. Stand last wall BLB in place and attach in a similar fashion to first wall B. Place two roof sections G in place with plywood overhang over the walls. Nail each G down to wall plates and H with 3" common nails. Tar nail heads and finish roof either with shingles, roofing tar or paint. If you are tarring or painting roof you will need to flash roof with K, nail K to G's with 3/4" roofing nails. Hang door D in A. You may have to plane a bevel in back edge of door so it will close evenly. Screw hinges to outside of door so door opens outwards. Attach your door latch (according to manufacturer's instructions). Use a plywood trimming for doorstop on the inside of shed, nailing it to A2 with 2" common nails. Add decorative trim if desired and paint with exterior paint.

On materials:

Try to purchase plywood good one side or plywood siding, ensure the lumber is straight and free of knots.

TOOLS

Table Saw & Circular Saw
Pencil and Measuring Tape
Power or Hand Drill
Adjustable Wrench
Hammer and Screwdrivers
Square and Nail Set
Plane and Wood Chisels

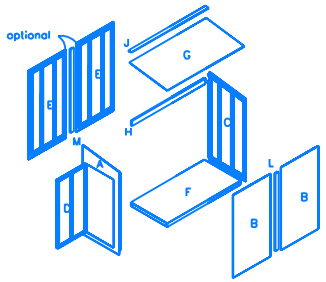
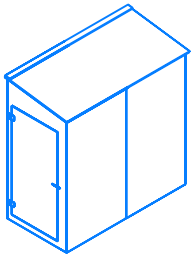


FIGURE 8



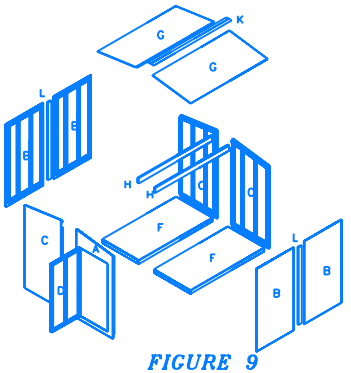
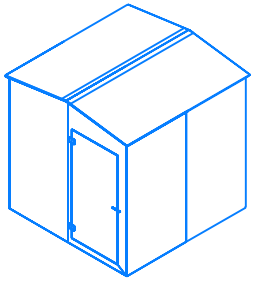
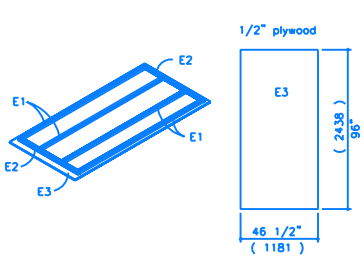
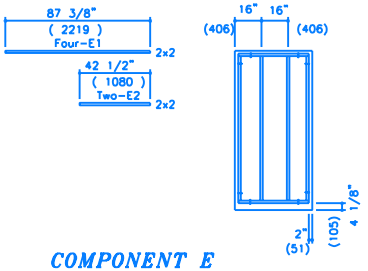


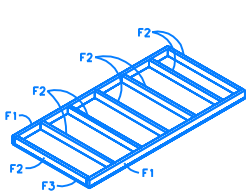
FIGURE 9

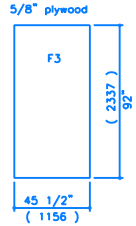


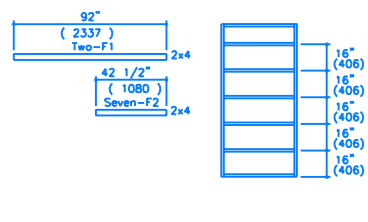




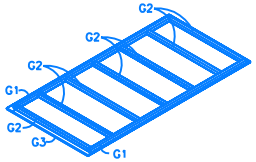
COMPONENT E
FIGURE 5

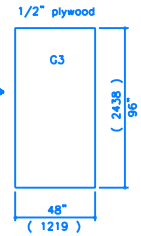


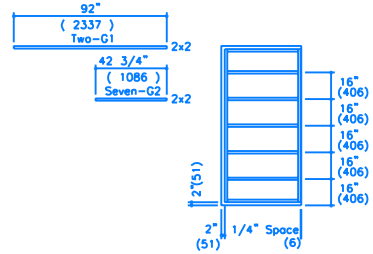




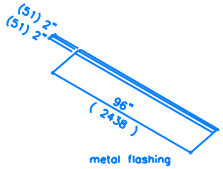
COMPONENT F
FIGURE 6



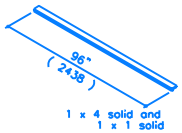




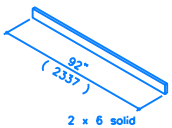
COMPONENT G
FIGURE 7



COMPONENT K



COMPONENT J



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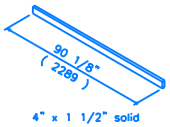
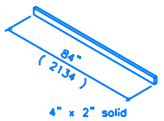


COMPONENT M



COMPONENT L

Easy Wood Plans

www.easywoodplans.com

#7B, 2316-27Ave N.E.
Calgary, Alberta
Canada, T2E 7A7

NOTE:

Use 1/4"x3" lag bolts to connect walls and floors (Detail 1), if you want the shed to be movable. Place two lag bolts in each side wall, two in each roof connection, two from wall into floor (Detail 1). If you are making the building permanent, level ground at site and set floor on several patio blocks. Read all directions before beginning.

Directions

1) Lay out your material as outlined in the suggested materials layout for each component. Draw out all parts exactly as illustrated including the letter designations, in pencil. Ensure to leave a small space between cut lines to allow for the width of the saw. Before cutting, double check all measurements to ensure that they are correct. Always cut on the waste side of the line. Note the 8 degree end cut for pieces A1, A2, A4, A7, A8, C1, C2, C3, C5, A5, C6. To build the 4'x8' shed you will need two components B, one C, one A, one D, one F, one G and one L. If your building is free standing you will need two components E, one J and one M. If one side of the shed rests against another structure you can substitute piece H for components E, J and M. To build the 8'x8' shed you will need four components B, three components C, two components F, two components G, two components H, two components L, one A, one D and one K.

2) Component A (Fig 1). Note A1, A2, A4, A7 and A8 have an 8 degree cut on top end and A5 is mitered both ends. Mark A1 and A2 72 1/2" up from the bottom of each. Place bottom of A6 at this mark and nail through A1 and A2 into A6 using 3" common nails. Nail A3 to A1 with 3" common nails keeping the bottoms of A1 and A3 even. Nail A10 into the bottoms of A3 and A1 using 3" common nails. Nail A5 to A1 and A2 using 3" common nails, keeping A5 1 1/2" out past A1. Nail A4 to A5 using 3" common nails through A5 to A4. Nail A9 into bottoms of A2 and A4 using 3" common nails. Place A7 and A8 between A5 and A6 with the center of A8 located 6" from the outside edge of A4 and the center of A7 located 16" from the center of A8. Nail in place through A5 and A6 using 3" common nails. At this point decide whether you need a right or left hand door for your shed. A-11 is laid out for a right hand door. To make a left hand door simply do layout for A-11 on inside face of plywood. Cut out A-11. Be sure to cut door opening out on door side of line (care should be taken as this piece forms your door). Nail through A-11 into the door frame, square framing to door opening. Outside edges A4 and A3 should be flush to sides of A-11, A-11 should be 1 1/2" long on top and 4 1/8" longer than framing on bottom. Use 2" common nails.

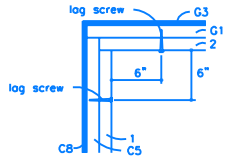
3) Component B (Fig 2). Place the four pieces B1 between two pieces B2. The center of one of the two center pieces B1 is located 14" from the outside edge of piece B2 and the other is located 16" from the center of this piece B1. Nail this assembly together using 3" common nails, nailing through the pieces B2 into the ends of the pieces B1. Place B3 on this frame so that piece B3 overlaps the edges of pieces B1 by 2" and overlaps top piece B2 by 1 1/2". Nail piece B3 to the frame using 2" common nails.

4) Component C (Fig 3): Note C1, C2, C3 And C5 have an 8 degree cut in top end. C6 is mitered both ends. Before applying plywood to framing note how many components C you need. Components will have to be built as left and right hand walls. Nail through side of piece C4 to piece C1 ensuring that the bottom edges are even. Lay out pieces C1/C4, C2, C3 and C5 as shown see (Fig 3) between pieces C6 and C7. Nail through both ends of pieces C6 and C7 into the ends of the other pieces C that you have layed out, ensuring that pieces C5 and C4 are flush with the outside edges of pieces C6 and C7 and that the center of piece C3 is located 16" from the outside edge of piece C5 and the center of piece C2 is located 16" from the center of piece C3. Use 3" common nails. Place piece C8 on top of the frame assembly so that the edges of C5 and C4 are flush with the edges of piece C8 and the top edge of piece C8 overhangs the top edge of piece C6 by 1 1/2". Nail piece C8 to the frame using 2" common nails.

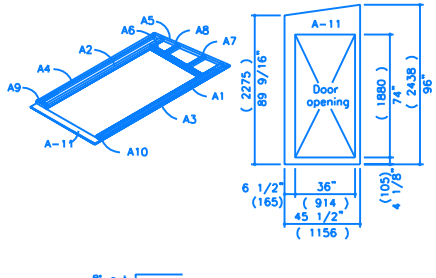
5) Component D (door) (Fig 4): Place the three pieces D1 between the two pieces D2 as shown and nail with 3" common nails, the center piece D1 is 17 5/8" from the outside edge of either of the outside pieces D1. Place piece D3 on this frame, square, and nail to the frame using 2" common nails.

OVER

STORAGE SHEDS 4x8, 8x8 – Project #211

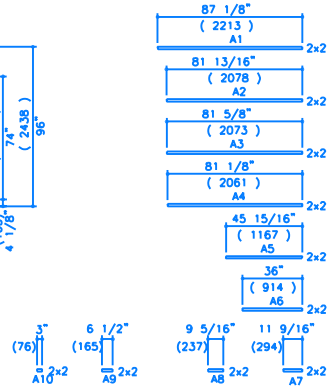


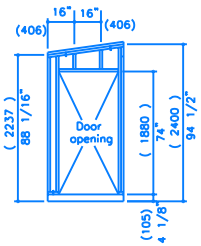
LAG BOLT WALL CONNECTION DETAIL 1



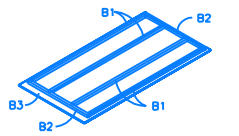
8° cut

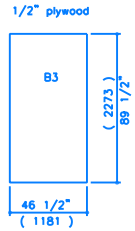
for one end nd cut required E of pieces A1,A2,A4,A7 & A8. End cuts are required for both ends of piece A5. (Note: dimensions for the above pieces are to the long sides)

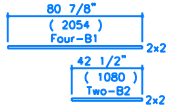


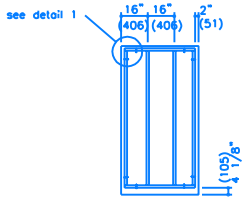


COMPONENT A FIGURE 1

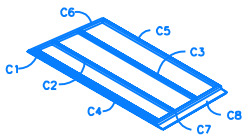


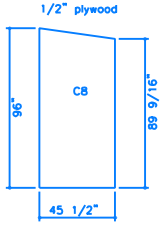






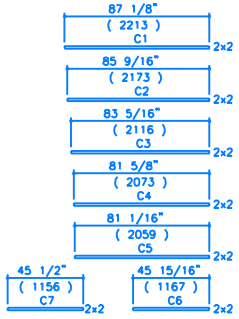
COMPONENT B FIGURE 2

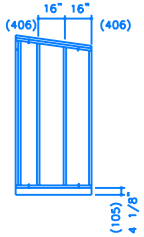




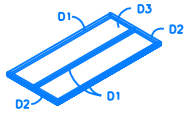
8° cut

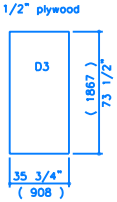
for one end nd cut required E of pieces C1,C2,C3 & C5. End cuts are required for both ends of piece C6. (Note: dimensions for the above pieces are to the long sides)

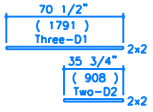


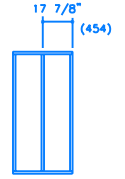


COMPONENT C FIGURE 3









COMPONENT D FIGURE 4

MATERIALS LIST (8'x8' SHED)

Sandpaper
Approx. 5 lbs. 3 1/2" coated nails
Approx. 2 lbs. 2" coated nails
Approx. 3 lbs. 3/4" roofing nails
Door hinges complete with mounting screws
Door latch kit complete with mounting hardware
Exterior paint

MATERIALS LIST (8'X8' SHED)

96"x4" flashing
Ten sheets 1/2" plywood
Two sheet 5/8" plywood
Fifty nine 8' 2x2 (1 1/2"x1 1/2")
Thirteen 8' 2x4 (1 1/2"x3 1/2")
Two 8' 2x6 (1 1/2"x5 1/2")
Fifty 3"x1/4" lag bolts (optional)

MATERIALS LIST (8'x4' SHED)

Approx. 2 lbs. 2" common nails
Approx. 5 lbs. 3 1/2" common nails
Door hinges complete with mounting screws
Door latch kit complete with mounting hardware
Exterior paint
Seven sheets 1/2" plywood
One sheet 5/8" plywood

MATERIALS LIST (8'X4' SHED)

Eight 8' 2x4 (1 1/2"x3 1/2")
Fourty one 8' 2x2 (1 1/2"x1 1/2")
One 8' 2x6 (1 1/2"x5 1/2")
One 8' 1x4 (3/4"x3 1/2")
One 8' 1x1 (3/4"x3/4")
Twenty five 3"x1/4" lag bolts (optional)