

THE DIYCRAFT PLAN COLLECTION

8 × 12

Storage Shed Plan



FREE PREVIEW

9 selected steps + model views

8 X 12 FT STORAGE SHED

Free vs Premium

These illustrated build pages are identical in both editions. Premium includes the complete build sequence.



Compare what is included

Features	Free plan	Premium
Steps included	9	20
Illustrations for included steps	✓	✓
Print-ready dimension pages	✓	✓
Step-by-step instructions	✓	✓
Complete build sequence		✓
Material and fastener lists		✓
Cut and joint drawings	✓	✓
Tools list		✓
Lumber-size reference		✓
Technical support		✓

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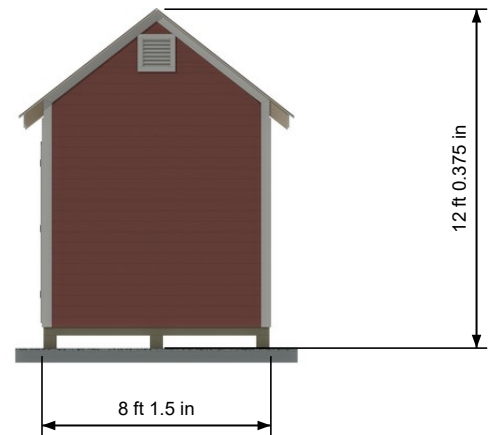
8 X 12 FT STORAGE SHED

Size & Dimensions

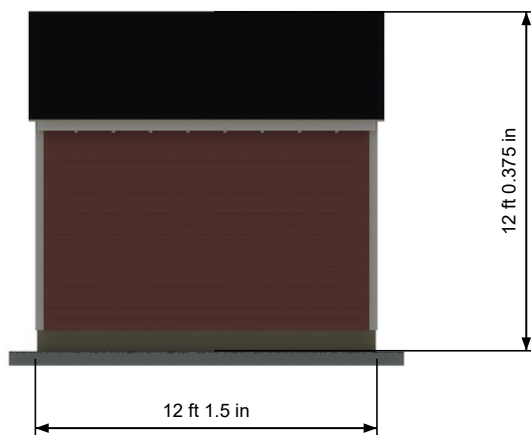
Front



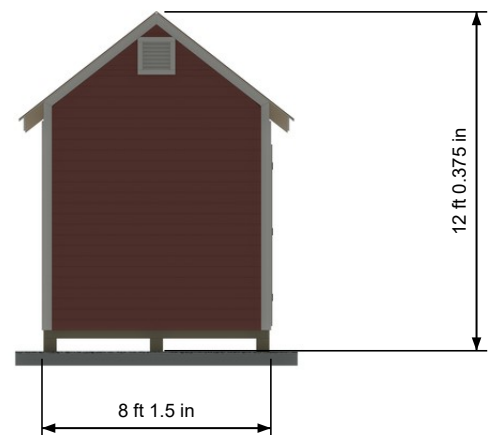
Right



Back



Left



MEASUREMENT BASIS

Width and depth are measured outside the finished siding and trim (145.5 in × 97.5 in). Height is measured from the main gravel bearing level to the highest roof surface (144.356 in). Roof overhang is excluded from wall width.

8 X 12 FT STORAGE SHED

Model View

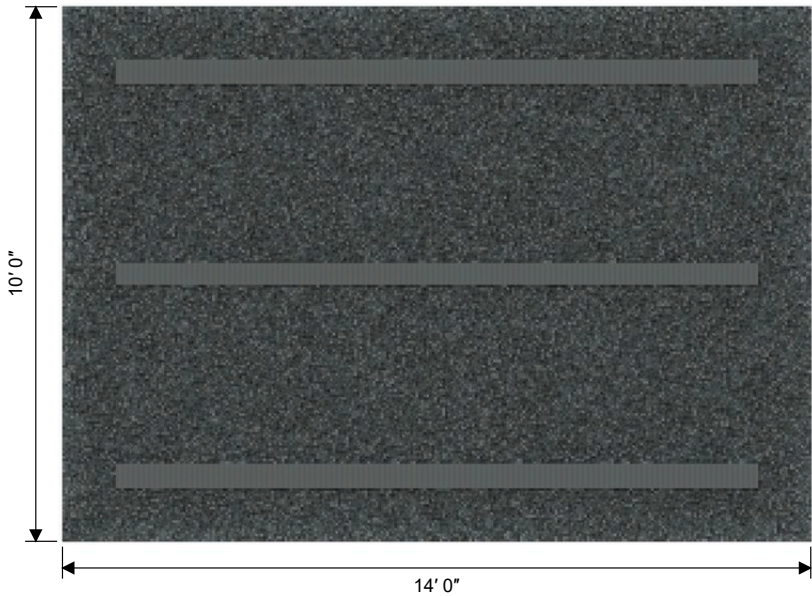


STEP 01 / 20

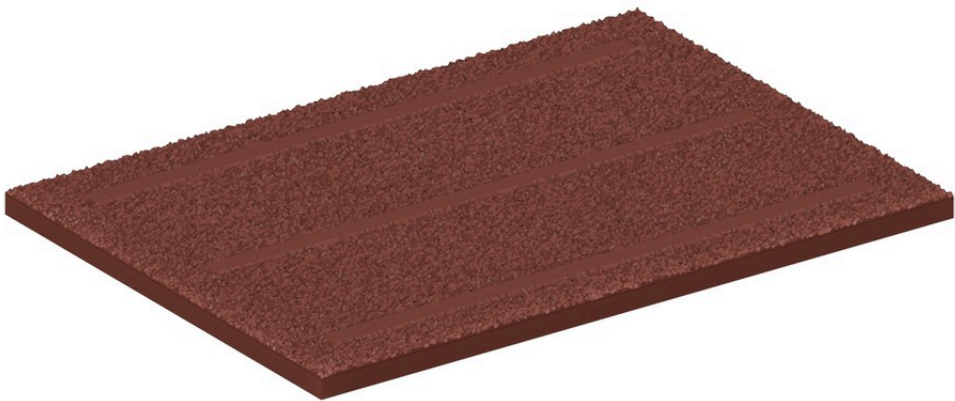
Compacted gravel pad

Prepare and compact the gravel pad; keep all three skid bearing lines level.

Gravel pad



Assembly



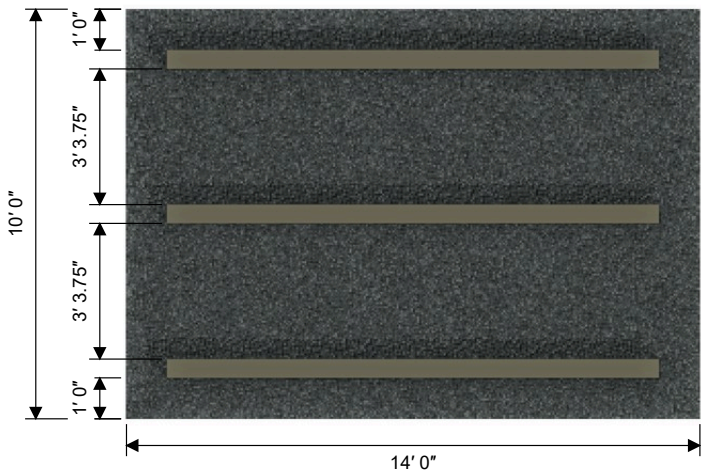
Part / material	Cut / fitted size	Qty
Compacted gravel	168 x 120 x 6 in; net compacted volume	2.60 yd3

STEP 02 / 20

Treated skid foundation

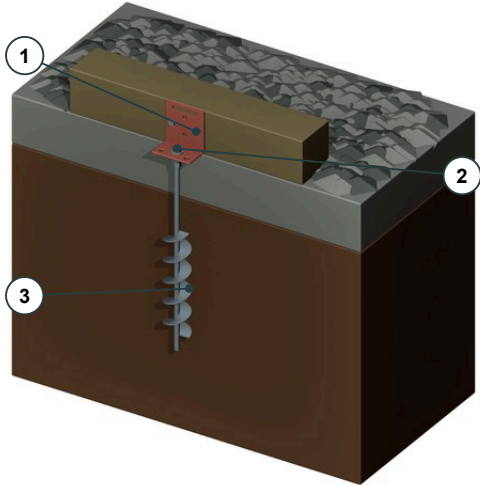
Lay three ground-contact treated skids and fit the specified anchoring system.

Skid positions



Anchor the skid

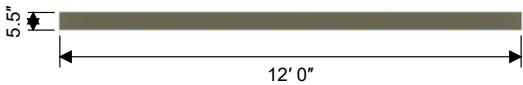
Connection example - not to scale



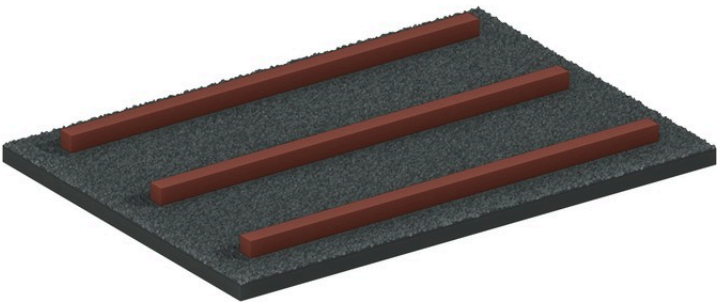
- 1 Fix the upright to the structural skid.
 - 2 Bolt the foot to the anchor head.
 - 3 Embed the spiral in soil below gravel.
- Use the kit's specified timber fixings.
Anchor count and depth: per site design.

Hardware must suit treated timber.
[Full skid foundation guide](#)

Skid cut



Assembly



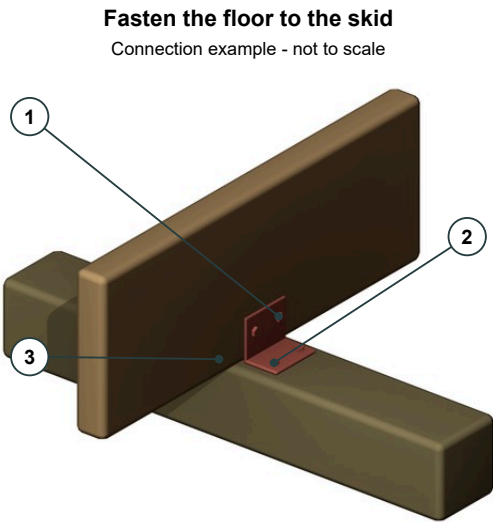
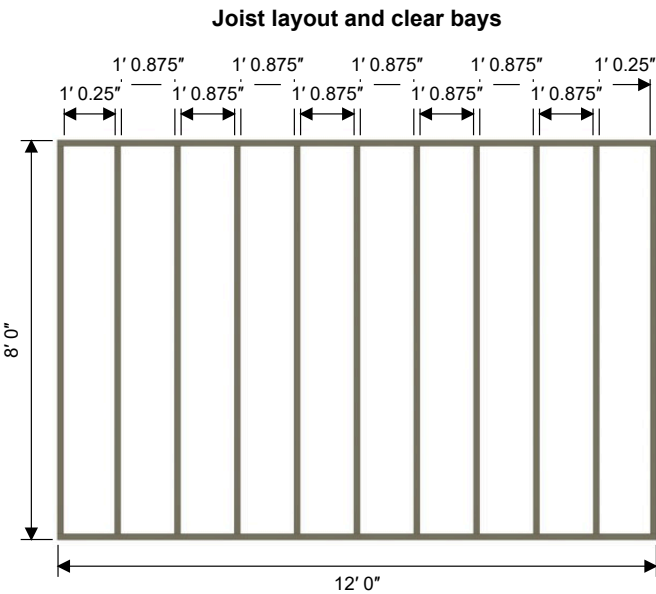
Part / material	Cut / fitted size	Qty
Ground-contact 6 x 6 skids	144 x 5.5 x 5.5 in	3
Ground anchors / skid brackets	Rated kit; site-designed layout	As specified

Use the anchor maker's embedment and listed fasteners for the site.

STEP 04 / 20

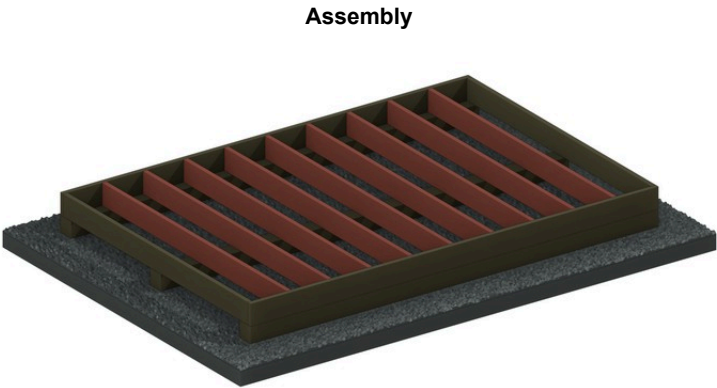
Floor joists

Fit nine interior joists at the clear spacings shown and connect the floor to the skids.



- 1 Fix the upright into the joist side.
 - 2 Fix the base down into the skid.
 - 3 Keep the joist fully seated on the skid.
- Use a rated connector and its listed fasteners at each specified connection.

Hardware must suit treated timber.
[Full skid foundation guide](#)



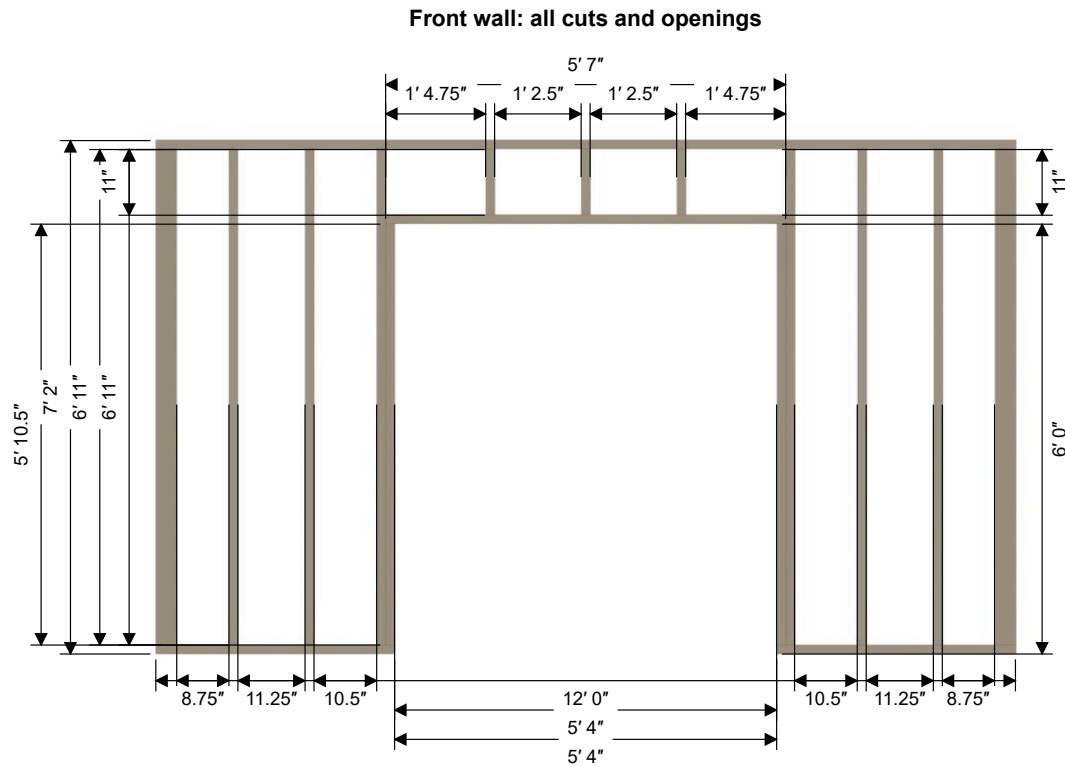
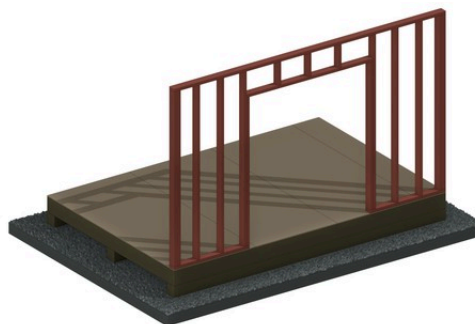
Part / material	Cut / fitted size	Qty
Interior joists	93 x 7.25 x 1.5 in	9
Joist-to-skid connectors	Rated connector and listed fasteners	As specified

Keep full bearing at each skid crossing.

STEP 06 / 20

Front wall framing

Frame the door opening with a bearing jack at each end of the header; raise and brace the wall.

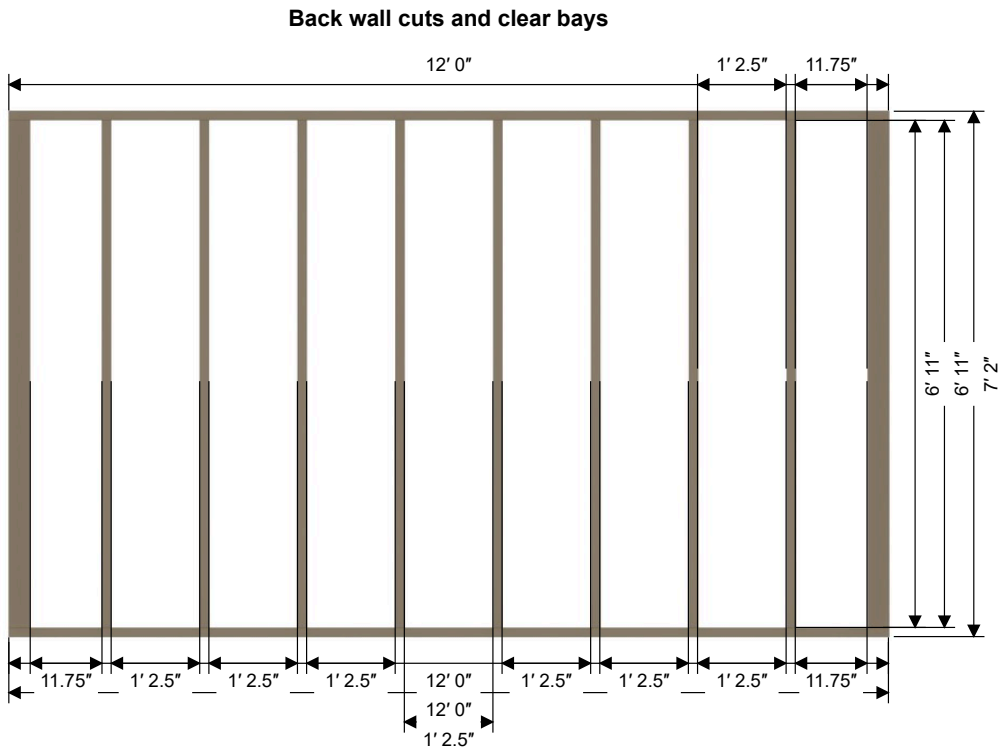

Assembly


Part / material	Cut / fitted size	Qty
Full studs / jack studs	83 / 70.5 x 3.5 x 1.5 in	6 / 2
Header / corner posts	67 x 3.5 x 1.5 / 83 x 3.5 x 3.5 in	1 / 2
Cripples / bottom plates / top	11 / 40 / 144 x 3.5 x 1.5 in	3 / 2 / 1

STEP 07 / 20

Back wall framing

Assemble the back wall square, then raise and brace it.



Assembly



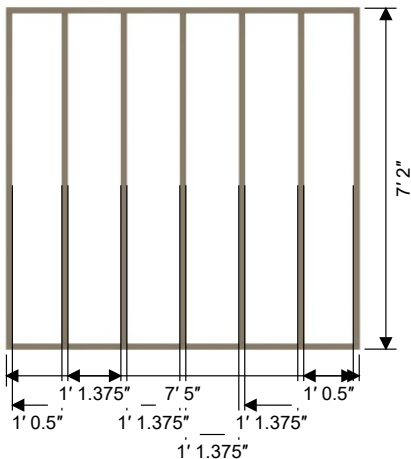
Part / material	Cut / fitted size	Qty
Studs / corner posts	83 in; 1.5 x 3.5 / 3.5 in square	8 / 2
Top and bottom plates	144 x 3.5 x 1.5 in	2

STEP 08 / 20

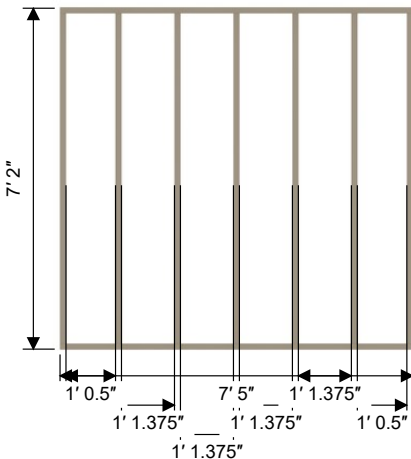
Side wall framing

Assemble the two matching side walls; raise, plumb and connect all four corners.

Left wall



Right wall



Assembly

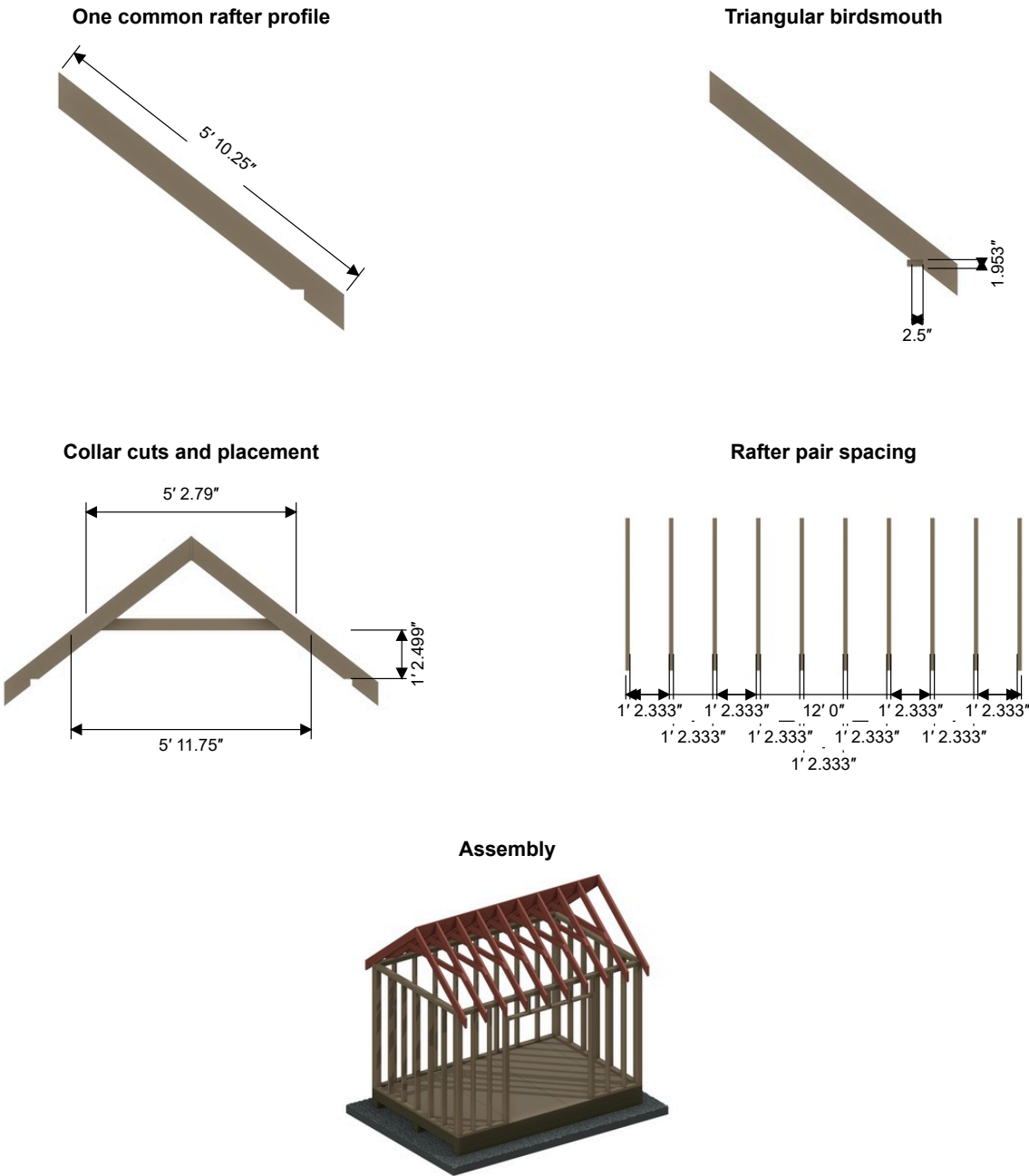


Part / material	Cut / fitted size	Qty
Side wall studs	83 x 3.5 x 1.5 in	14
Side wall plates	89 x 3.5 x 1.5 in	4

STEP 10 / 20

Rafters and collar ties

Cut one common rafter profile, mirror it for the opposite slope and fit the collars and ridge.



Part / material	Cut / fitted size	Qty
Rafters	70.25 in finished top; 74.5625 in blank + kerf	20
Collar ties / ridge	71.75 x 3.5 x 1.5 / 144 x 7.25 x 0.75 in	8 / 1

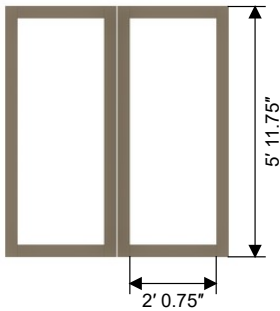
38 degree roof; triangular birdsmouth only. Ten pairs at 15.8333 in centres.

STEP 17 / 20

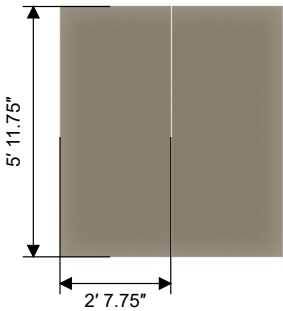
Hinged doors

Build and face the two door leaves, then hang and fit their hardware.

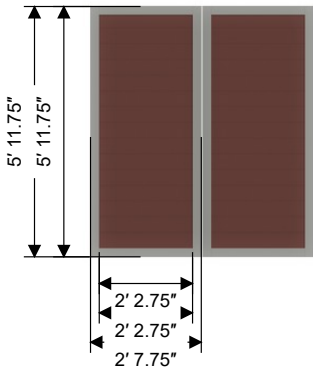
Frame cuts



Plywood face



Trim and siding



Assembly



Part / material	Cut / fitted size	Qty
Door stiles / rails	71.75 / 24.75 x 3.5 x 1.5 in	4 / 4
Door plywood / siding	31.75 x 71.75 in plywood; 26 sq ft siding	2 / 26 sq ft
Hinges / pulls / bolts	Three hinges per leaf	6 / 2 / 4

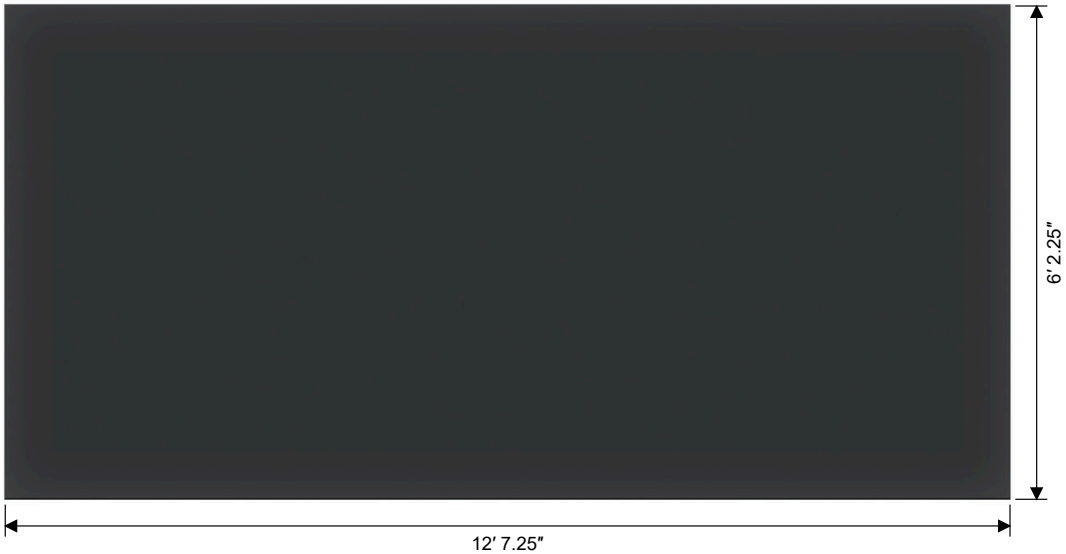
Leave the shown centre and perimeter clearances; check both door swings.

STEP 20 / 20

Roof finish

Fit underlay and drip edges, then lay shingles up both slopes and finish with ridge caps.

Shingle coverage: repeat opposite slope



Assembly



Part / material	Cut / fitted size	Qty
Underlay / shingles	156 sq ft net; add product laps and waste	156 sq ft
Drip edges / ridge caps	50 ft perimeter / 12.61 ft ridge before laps	1 set

Follow the roofing system requirements for laps, starters and fasteners.

8 X 12 FT STORAGE SHED

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