

LIVING WALL

DESIGN: REAL CEDAR ORIGINAL

Stylish, sturdy and easy to build, this living wall is a great weekend project for DIYers of all skillsets. And since this design calls for Western Red Cedar, this modern gardening structure will work just as well inside as it does outside.

That's because Real Cedar is naturally resistant to rot, decay and insects, so it's ideal for all your outdoor projects. So, you can mount this modern garden on a fence or on the side of your house and enhance your backyard space with lush greenery for many summers to come.

Add window box liners before planting, and you can install this show-stopping piece in your home. As well as beautifying

your interior, this living wall will help create a healthier, happier environment in your home.

We know this because bringing elements of nature into your interior spaces is a key part of Biophilic design, which has many proven health benefits such as reducing stress and increasing wellbeing. And introducing plants and woods such as Real Cedar is one of the easiest ways to create an instant connection between occupants and the natural world.

The contemporary design combined with the warm, timeless beauty of Real Cedar will create a stunning showpiece in your living areas, bedrooms or workspace.

CUTS

Part	Description	Finished Size			Nominal Size	Material	Quantity
		T	W	L			
A	Backboard	3/4"	5-1/2"	72"	1 x 6	Select Knotty Western Red Cedar	6
B	Backboard Support	3/4"	3-1/2"	35-1/2"	1 x 4	Select Knotty Western Red Cedar	7
C	Frame top (optional)	1-1/2"	1-1/2"	75"	2 x 2	Select Knotty Western Red Cedar	2
D	Frame side (optional)	1-1/2"	1-1/2"	38-1/2"	2 x 2	Select Knotty Western Red Cedar	2
E	Planter Sides	1-1/2"	5-1/2"	7"	2 x 6	Select Knotty Western Red Cedar	10
F	Small Planter Front	1-1/2"	5-1/2"	21"	2 x 6	Select Knotty Western Red Cedar	2
G	Small Planter Bottom	1-1/2"	5-1/2"	18"	2 x 6	Select Knotty Western Red Cedar	2
H	Medium Planter Front	1-1/2"	5-1/2"	27"	2 x 6	Select Knotty Western Red Cedar	2
I	Medium Planter Bottom	1-1/2"	5-1/2"	24"	2 x 6	Select Knotty Western Red Cedar	2
J	Large Planter Front	1-1/2"	5-1/2"	33"	2 x 6	Select Knotty Western Red Cedar	1
K	Large Planter Bottom	1-1/2"	5-1/2"	30"	2 x 6	Select Knotty Western Red Cedar	1

SHOPPING LIST

All lumber should be Select Knotty Grade, Kiln Dried (KD) and smooth on all four sides (S4S).

	Description	Nominal Size x Length	Material	Quantity
Wood	WRC Dimensional Lumber	1 x 6 x 6'	Knotty Western Red Cedar	6
Wood	WRC Dimensional Lumber	1 x 4 x 8'	Knotty Western Red Cedar	4
Wood	WRC Dimensional Lumber	2 x 6 x 8'	Knotty Western Red Cedar	4
Wood	WRC Dimensional Lumber	2 x 2 x 8'	Knotty Western Red Cedar	3
Hardware	Decking screws	1-1/4"	Stainless steel	84
Hardware	Decking screws	2-1/2"	Stainless steel	75

INSTALLATION PRO TIPS

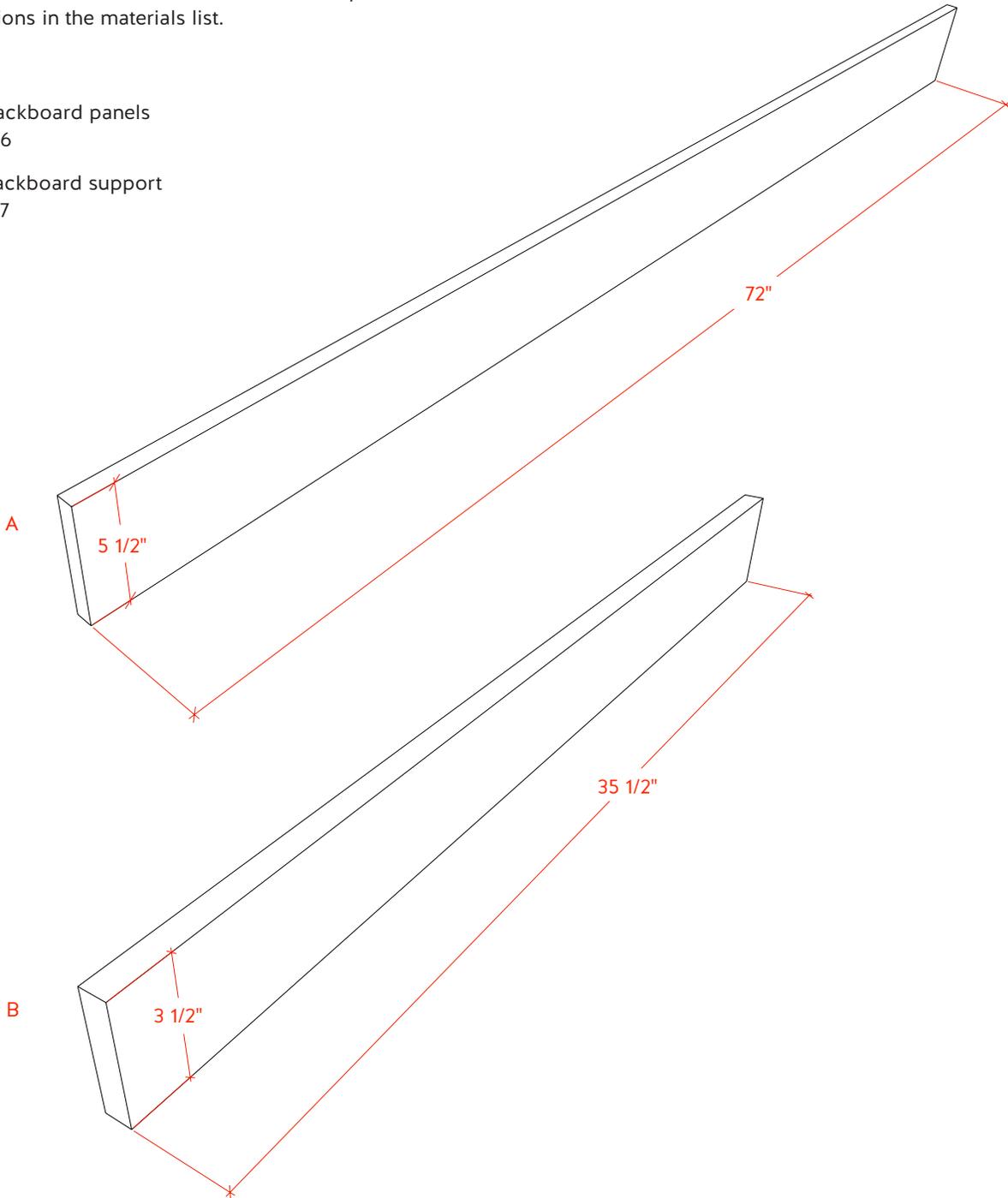
1. For all outdoor work, you should use corrosion-resistant stainless steel or hot-dipped galvanized nails. Other fasteners and hardware such as bolts, screws and hinges should also be made from similar corrosion resistant materials.
2. You can let the cedar weather naturally (eventually turning a beautiful silvery patina), or you can choose to finish the structure—in which case, apply the finish to all six sides of the components before assembly.

STEP 1. CUT COMPONENTS

1) Inspect, measure and cut all backboard components to the specifications in the materials list.

Part A: Backboard panels
Quantity: 6

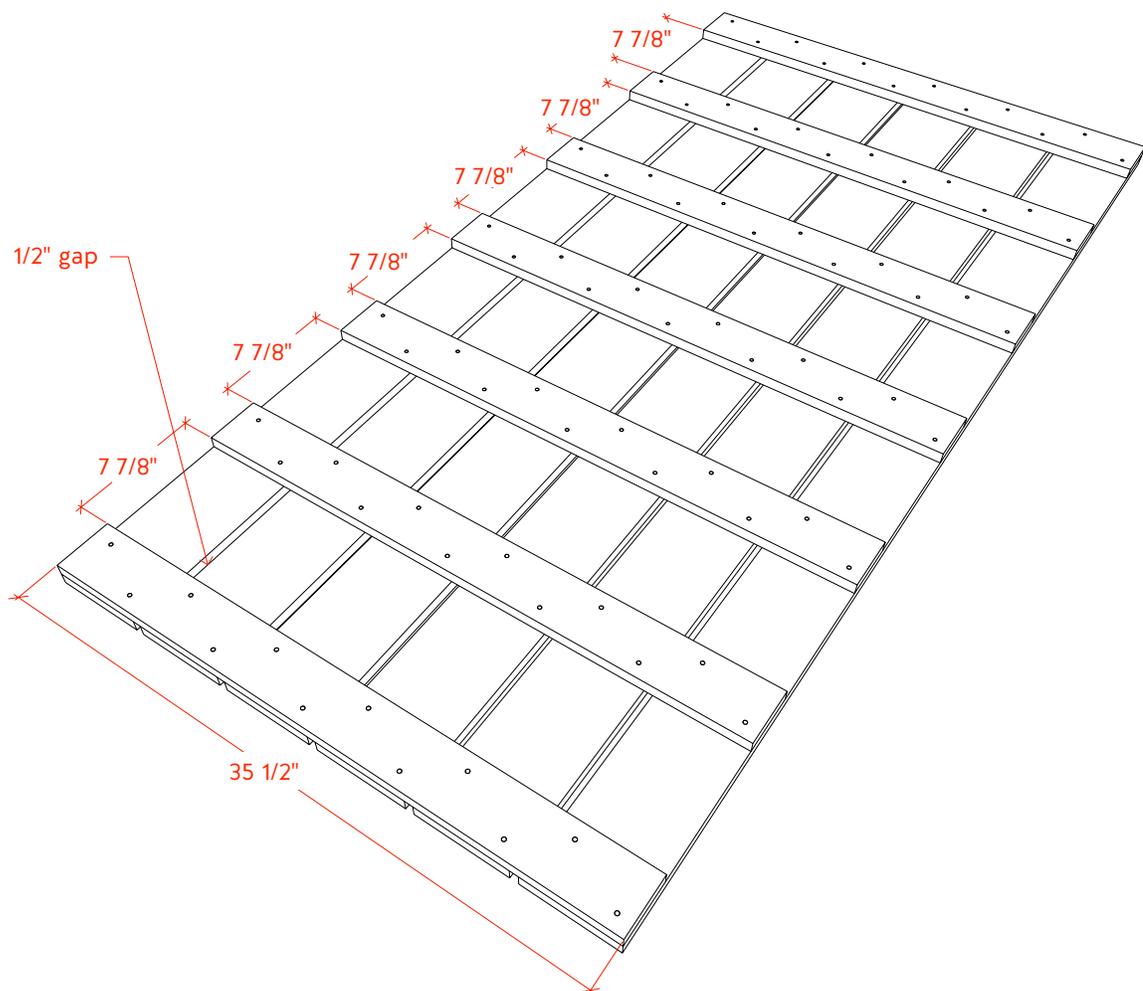
Part B: Backboard support
Quantity: 7



STEP 2. MAKE THE BACKBOARD

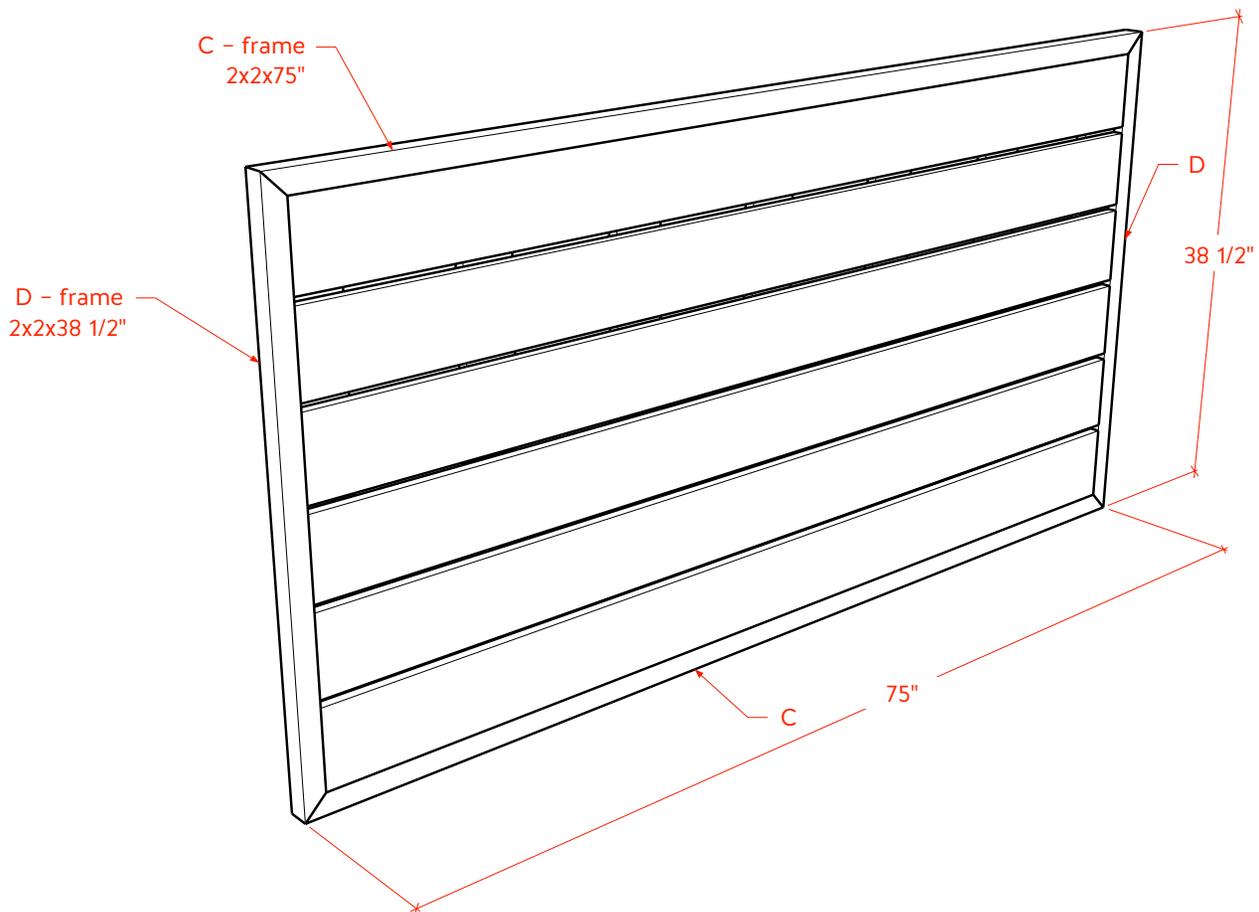
2) Lay backboard panels flat, separated by 1/2 inch spacers.

Select the side of the backboards you want exposed (i.e. rough or smooth), and then line up all six boards facedown on your workbench, using a spacer to leave a 1/2" gap between each piece. Attach two 1-1/4 inch screws where each panel and support piece intersect, staggering screws for each panel. Begin with the center support piece and work to outer edges.



STEP 3. BUILD THE FRAME FOR THE BACKBOARD (OPTIONAL)

3) Flip your wall over, so that it's face up on your workbench. Place a (C) frame and (D) frame so that the mitered ends meet up perfectly. Then slide a 1/8" spacer underneath the corner frames before attaching them to the wall using 18 2-1/2" deck screws. Repeat on all four corners



PRO TIP

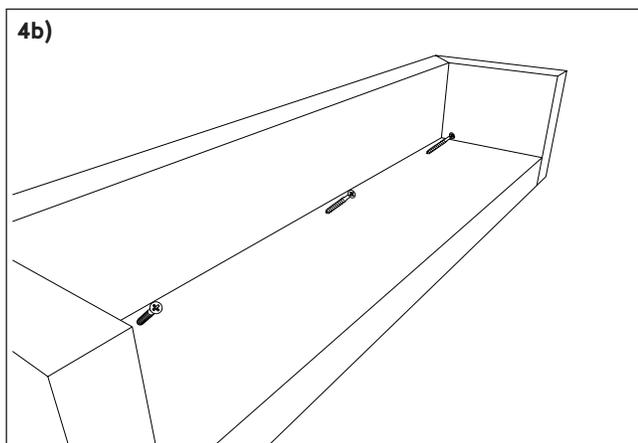
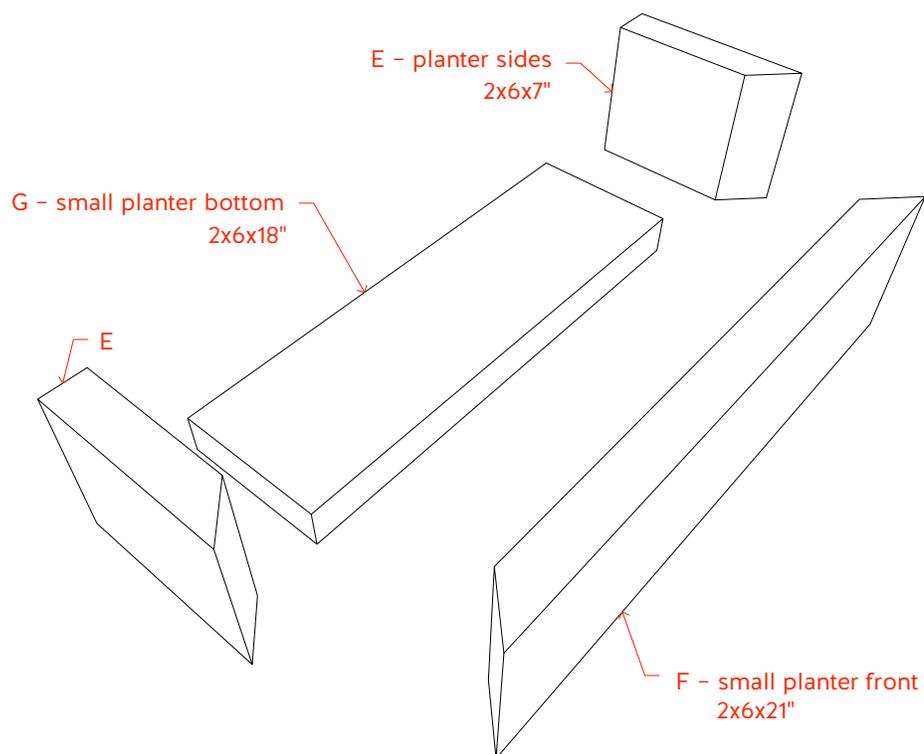
Using spacers increase the reveal of the frame to give it more prominence

STEP 4. BUILD PLANTER BOXES

4a) Assemble 3 sizes of planter boxes using 2x6 pieces with 45 degree miter cuts. Attach sides to the front using two 2-1/2" deck screws for each side.

4b) Place bottom piece of planter into U-shaped frame. Toe-screw bottom piece to the sides through the end face and to the front through the top face using 2-1/2" deck screws.

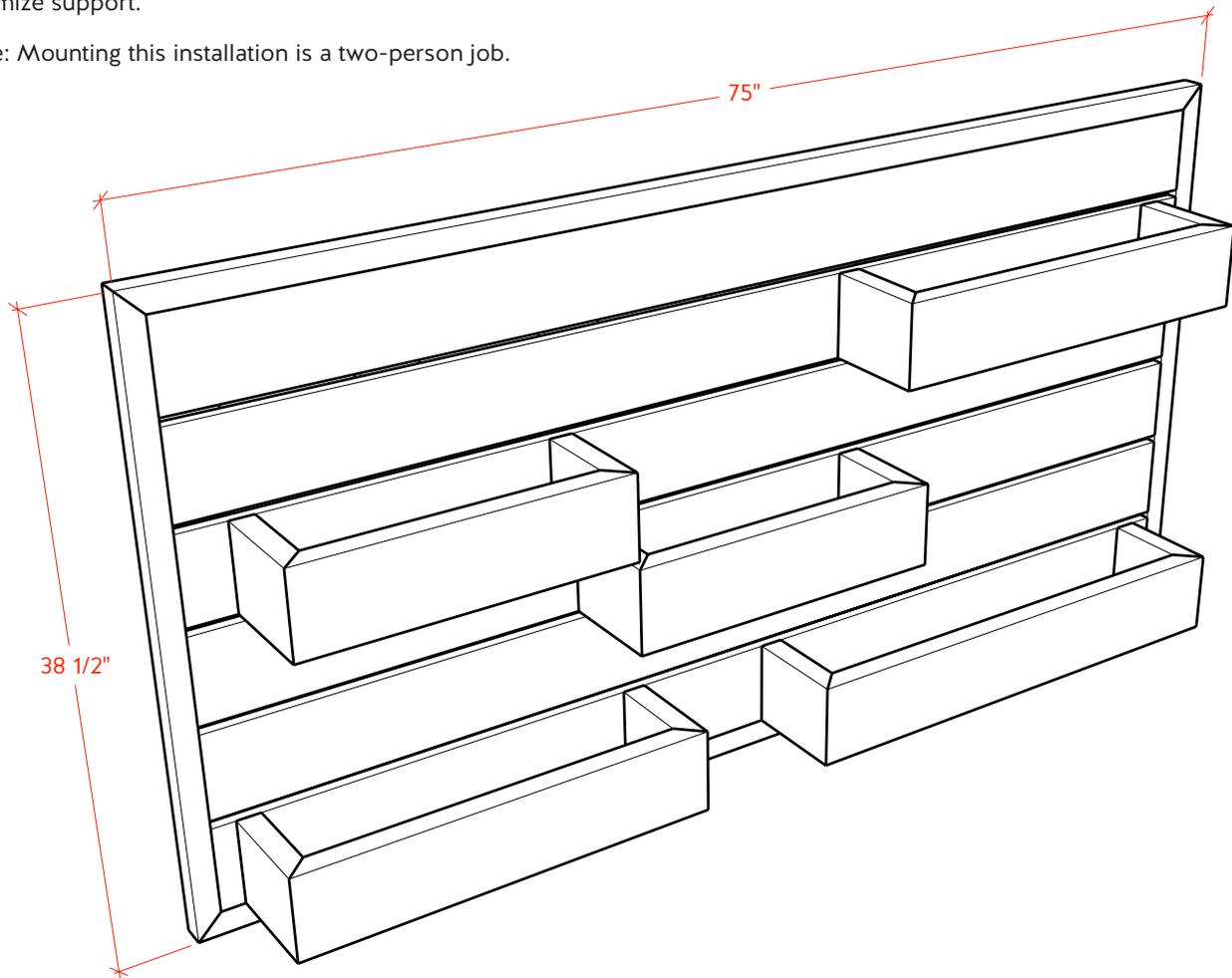
4c) Place planter boxes to desired location on the panel and secure with screws through the back of the panel.



STEP 5. INSTALLATION

5) Using 3" #8 screws, hang your new living wall on a fence outside or in your home. Ensure screws go through both backboard and backboard supports and into studs in order to optimize support.

Note: Mounting this installation is a two-person job.



PRO TIP

Mark where you want the bottom of your living wall to be, and measure the length between that and the floor/ground. Then cut a couple of 2x4s to that length and use them to prop up the piece and keep it straight as you install it. We recommend pre-drilling the structure before attaching it to fence/wall.

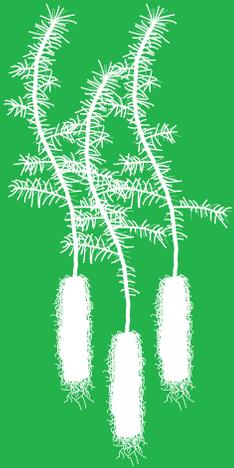
Cedars remove carbon from the atmosphere



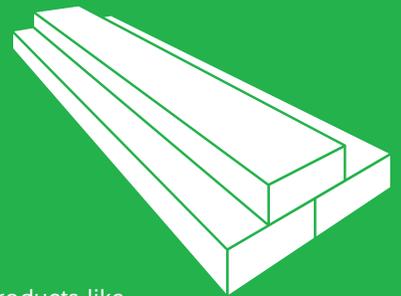
REAL CEDAR

THE MOST SUSTAINABLE CHOICE

Wood is the only major building material that is renewable—a reason why Canada's forest base is still abundant after 150 years of harvesting. For every Western Red Cedar that's harvested, at least 3 are planted. Lumber producers have been replacing harvested trees so diligently over the last few decades that North American forests have actually grown by 20% since 1970.



For every cedar harvested, at least 3 are replanted, continuing the cycle and reducing greenhouse gases



Products like Real Cedar decking and siding store it before it can be released