Bocce Ball Court

PROJECT PLAN

YellaWood® Pressure Treated Pine



Get backyard fun ready to roll.

Bocce ball is easy to play and is growing in popularity. Time to join in on the fun and build a court of your own. How good you are is beside the point—if you're outside enjoying your backyard with family and friends, you've already won.

This build is as uncomplicated as the game itself. Start by assembling a simple base frame to fit your backyard dimensions. Next, add the top frame, attach the two and you're just about ready to let the games begin.

After applying a light sanding and a protective finish, all that's left is to get rollin'.

BUILD TIME

15 HRS

DIFFICULTY

●●○

COST

$ $ $ $

Bocce Ball Court

IMPORTANT REMINDERS

YellaWood® Pressure Treated Pine

- **Read instructions** to familiarize yourself with the entire process before beginning.
- **Always double-check measurements** before making cuts—Great Southern Wood is not responsible for incorrect cuts.
- **Select and use the best faces** of boards on the outside of assemblies.
- **Pre-drill** holes before attaching screws. Set ⅛" drill bit inside combination countersink bit to appropriate depth for each screw length called for.
- **Wood glue is optional**: If you choose to use it, apply to surfaces before attaching parts, and be sure to wipe up excess with a damp cloth.
- **Check yellawood.com/diy-projects/ for updates** to plans and to view the video of this project.

Because wood stock can vary, dry-fit sub-assemblies as needed to ensure dependent parts align. Make any adjustments needed to part dimensions before final assembly.

The cut list is based on the following actual dimensions for board stock:

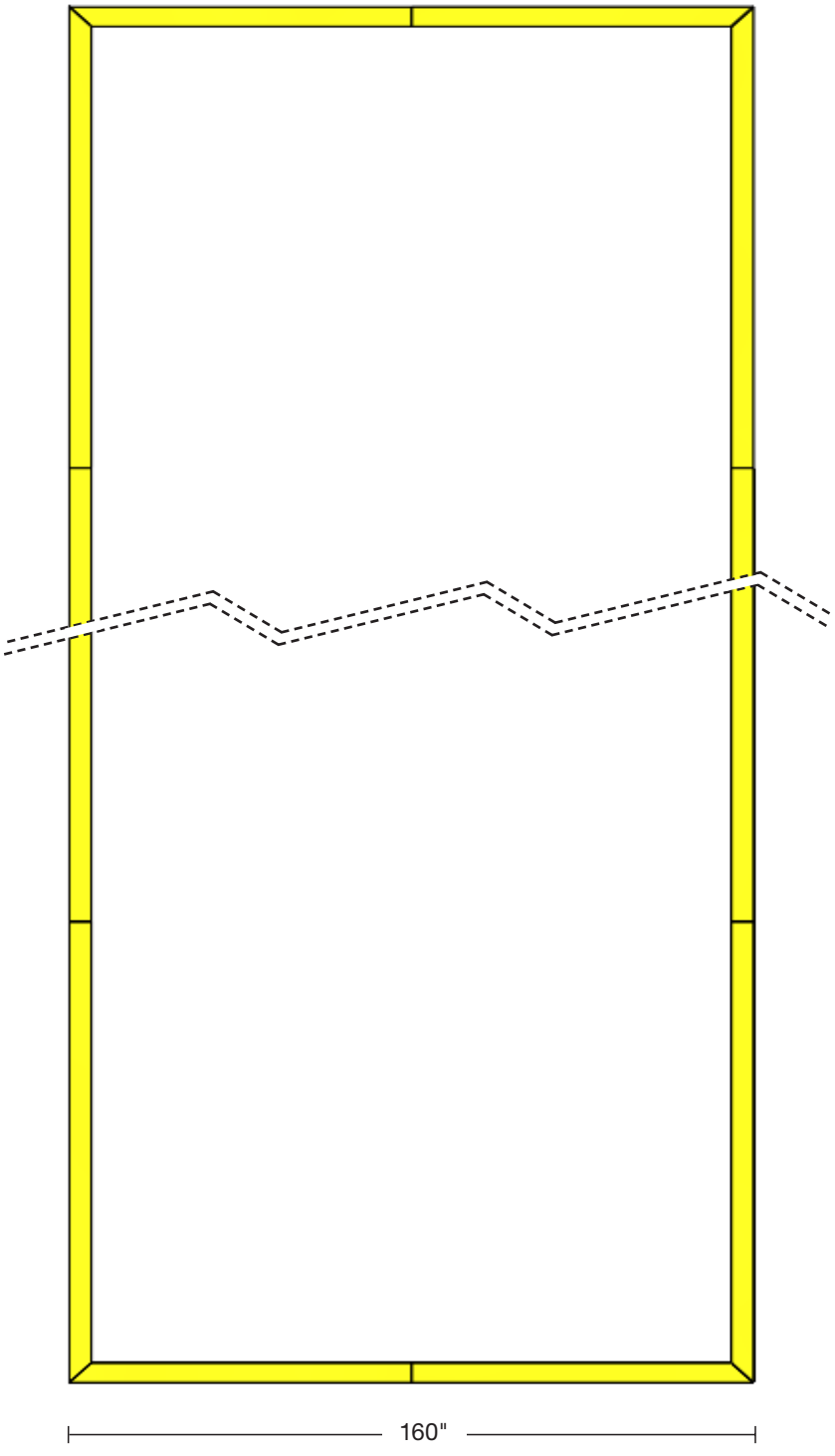
1x6	¾" x 5 ½"
1x2	¾" x 1 ½"
2x2	1 ½" x 1 ½"
2x4	1 ⅜" x 3 ¼"
1x4	¾" x 3 ½"
1x8	¾" x 7 ¼"
2x6	1 ⅜" x 5 ¼"
2x8	1 ½" x 7 ¼"
5/4 x6	⅞" x 5 ¼"
2x10	1 ½" x 9 ⅛"
4x4	3 ¼" x 3 ¼"

Bocce Ball Court

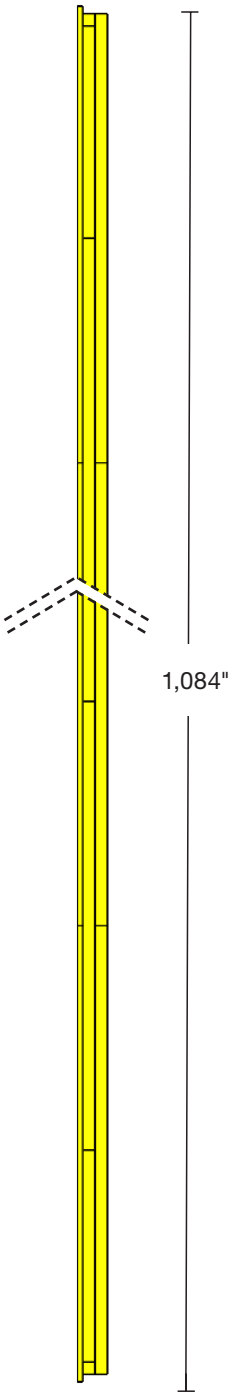
OVERALL SIZE

YellaWood Pressure Treated Pine

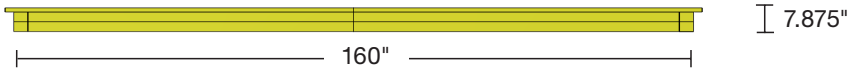
TOP



SIDE



FRONT



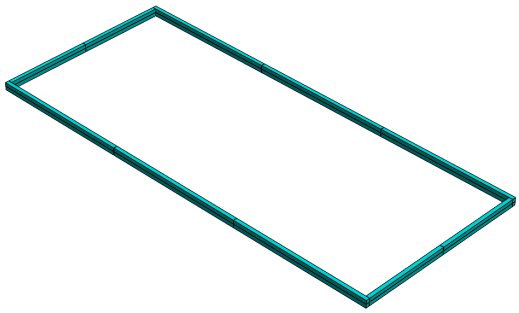
Bocce Ball Court

OVERVIEW OF STEPS

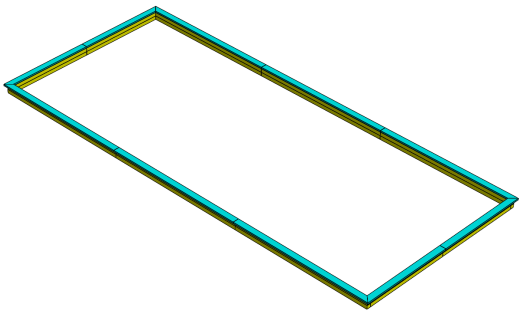
YellaWood Pressure Treated Pine

SEQUENCE OF BUILD

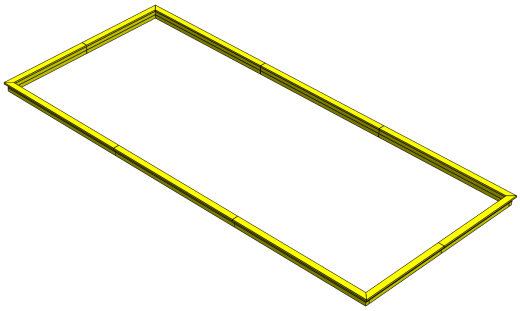
1: BASE FRAME



2: TOP FRAME



3: FINISHING



BUILD TIME

CUTTING		ASSEMBLY		FINISHING		TOTAL
6 HRS	+	6 HRS	+	3 HRS	=	15 HRS

Bocce Ball Court

WHAT YOU'LL NEED

MATERIALS

- ◯ **6x** 4x4x8' YellaWood® pressure treated pine
- ◯ **38x** 4x4x10' YellaWood® pressure treated pine
- ◯ **18x** 2x6x10' YellaWood® pressure treated pine
- ◯ **4x** 2x6x12' YellaWood® pressure treated pine

HARDWARE

- ◯ 3" YellaWood® fasteners + appropriate bit
- ◯ 6" YellaWood® fasteners + appropriate bit

WOOD FINISHING

- ◯ YellaWood Protector® Stain & Sealer

SAFETY EQUIPMENT

- ◯ Work gloves
- ◯ Dust mask
- ◯ Safety glasses
- ◯ Ear protection

Notes:

Consider using **YellaWood® KDAT** and higher grade products to achieve more professional results.

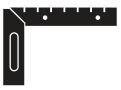
Choose boards with minimal irregularity to get the most out of the stock. Pages 6–8 show maximum parts per board. If unsure about board quality, purchase 1 extra piece of each board type.

TOOLS


Pencil


Measuring tape


Miter saw (or chop saw)


Square


Drill / driver


Drill bit


Damp cloth (optional)


Radial sander (or sanding block)


Clamps


Paint / stain brush


Waterproof wood glue (optional)

Bocce Ball Court

CROSS-CUT DIAGRAMS

YellaWood® Pressure Treated Pine

PREP:
GATHER & CROSS-CUT ALL PARTS

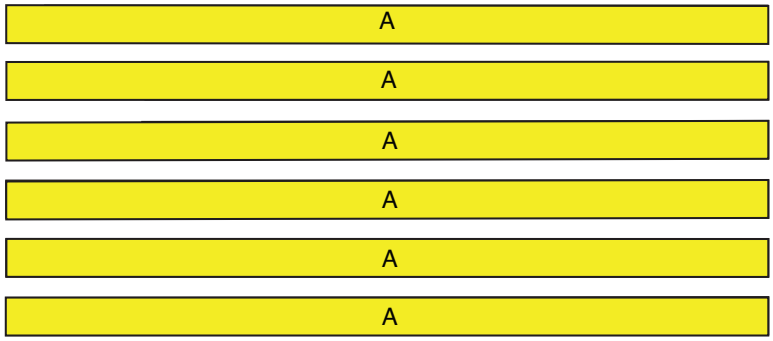
Proceed to cut all parts listed above unless noted otherwise.

Be sure to **label all parts** so you know which ones to use for the Assembly steps that follow.

4x4x8' STOCK - BASE FRAME
6 BOARDS

STOCK LENGTH	PART	#
96"	A	6x

Note: There is no cross-cutting for Parts A as they are stock length.



STOCK LENGTH	PART	#
120"	E	34x

4x4x10' STOCK - BASE FRAME
34 BOARDS

Note: There is no cross-cutting for Part E as it is stock length.

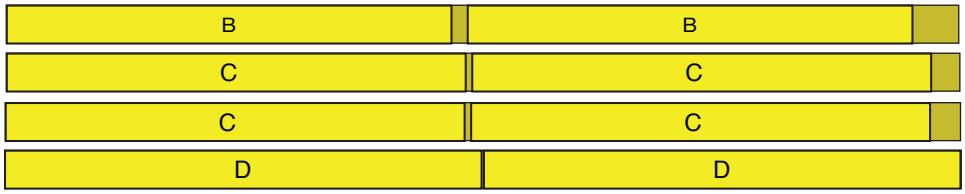
34X





CROSS-CUT TO	PART	#
53.5"	B	2x
56.75"	C	4x
60"	D	2x

4x4x10' STOCK - BASE FRAME
4 BOARDS



Bocce Ball Court

CROSS-CUT DIAGRAMS

YellaWood® Pressure Treated Pine

PREP:
GATHER & CROSS-CUT ALL PARTS

Proceed to cut all parts listed above unless noted otherwise.

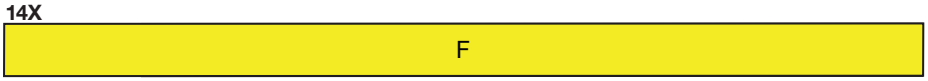
Be sure to **label all parts** so you know which ones to use for the Assembly steps that follow.

STOCK LENGTH	PART	#
120"	F	14x

Note: There is no cross-cutting for Part F as it is stock length.

2x6x10' STOCK - TOP FRAME
14 BOARDS

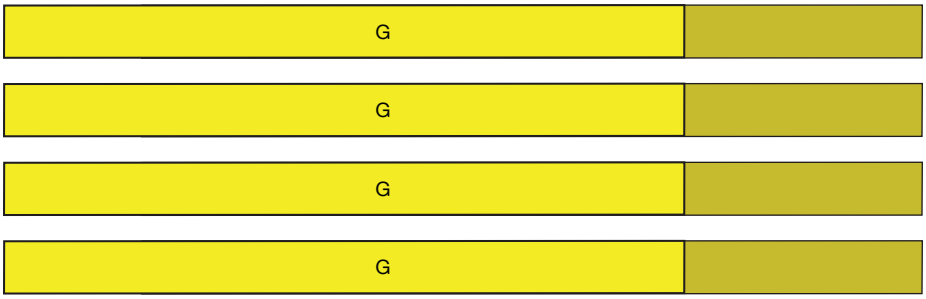
14X





CROSS-CUT TO	PART	#
80"	G	4x

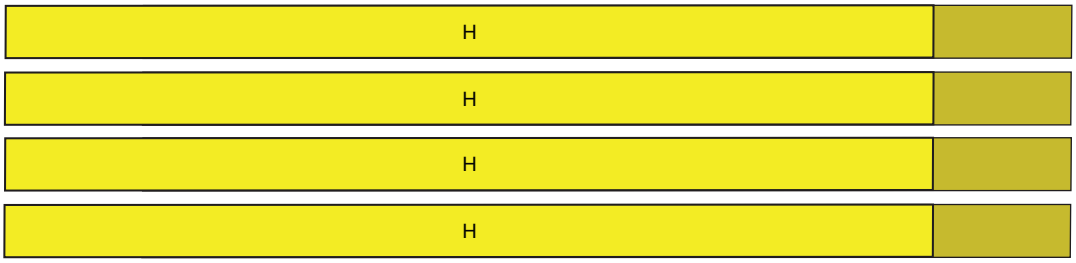
2x6x10' STOCK - TOP FRAME
4 BOARDS





CROSS-CUT TO	PART	#
122"	H	4x

2x6x12' STOCK - TOP FRAME
4 BOARDS



Bocce Ball Court

DETAIL CUT DIAGRAMS

YellaWood® Pressure Treated Pine

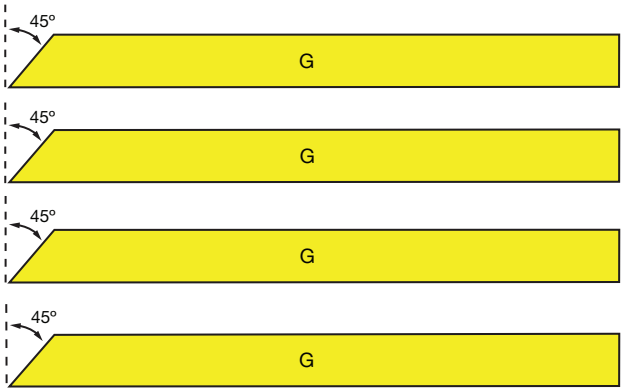
PREP:
DETAIL CUT ALL PARTS

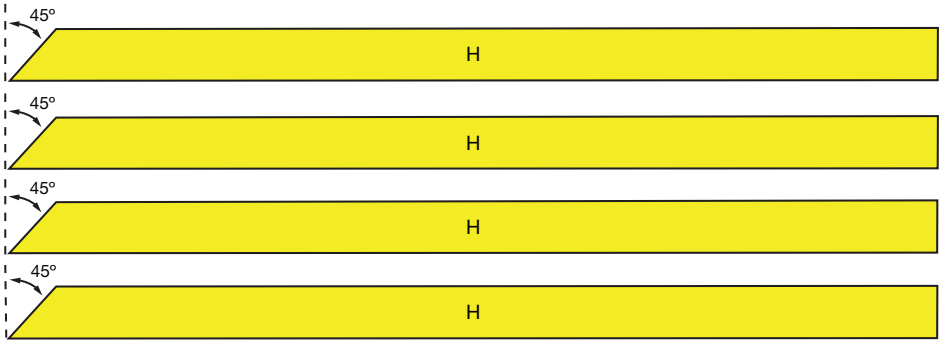
Proceed to cut all parts listed above unless noted otherwise.

Be sure to **label all parts** so you know which ones to use for the Assembly steps that follow.



DETAIL CUT TO	PART	#
80"	G	4x
122"	H	4x





Bocce Ball Court

ASSEMBLY

YellaWood® Pressure Treated Pine

SECTION 1:
BASE FRAME

TOOLS


Drill / driver

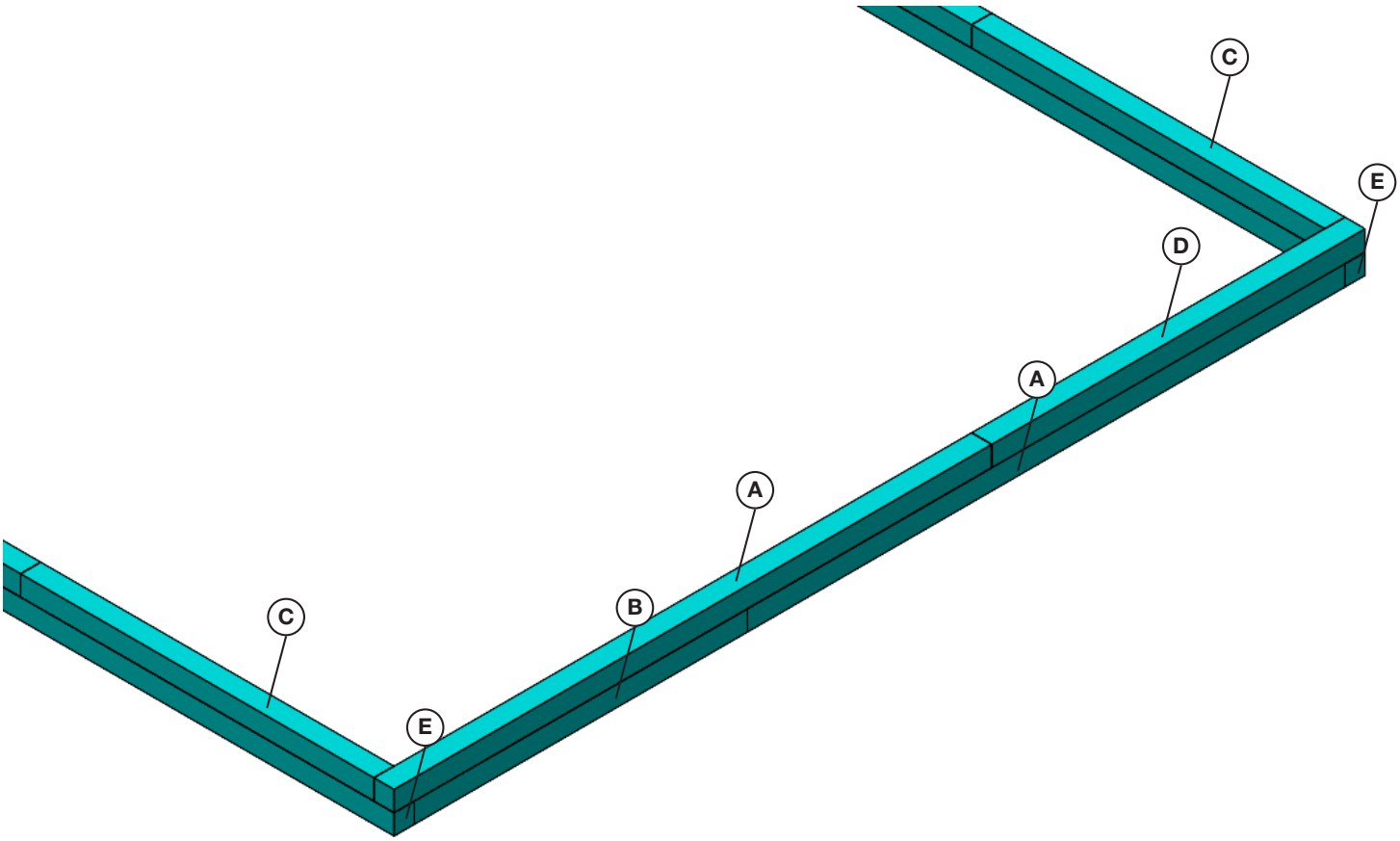

Pencil


Square


Clamps

SUPPLIES


6" YellaWood® fasteners

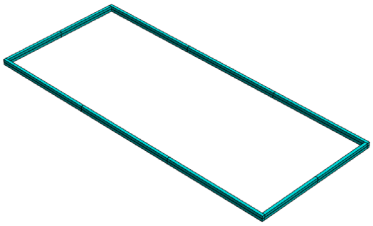


Bocce Ball Court

ASSEMBLY

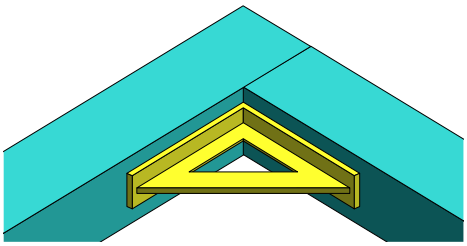
SECTION 1:
BASE FRAME

1 ☐



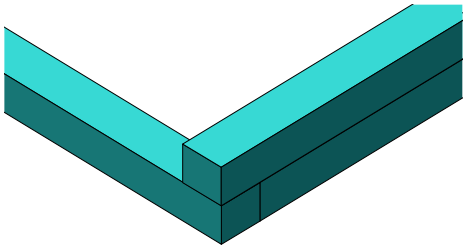
Assemble Base Layer: Lay out 4x4s on the ground, arranging them in a rectangular shape based on your desired dimensions. Reference the layout below so that when the second layer is assembled, the seams overlap.

2 ☐



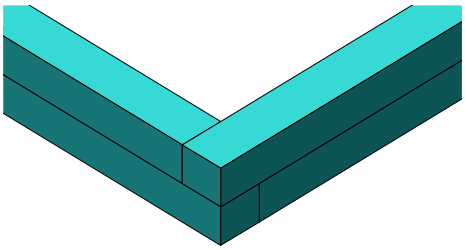
Use a square tool to ensure all corners are at perfect 90-degree angles and attach together using 6" deck screws.

3 ☐



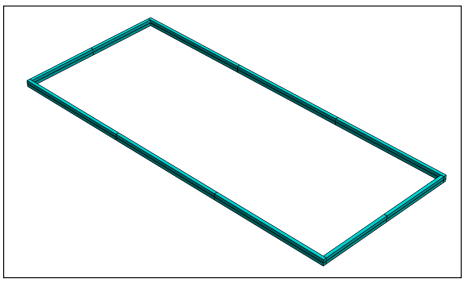
Second Layer: Once the first layer is set, prepare the second layer of 4x4 boards. Stagger the seams between the second layer boards.

4 ☐



Attach the Second Layer: Use 6" screws to securely attach the second layer of 4x4 boards to the first layer. Make sure the two layers are firmly connected.

COMPLETED SECTION



Bocce Ball Court

ASSEMBLY

YellaWood® Pressure Treated Pine

SECTION 2:
TOP FRAME

TOOLS


Drill / driver

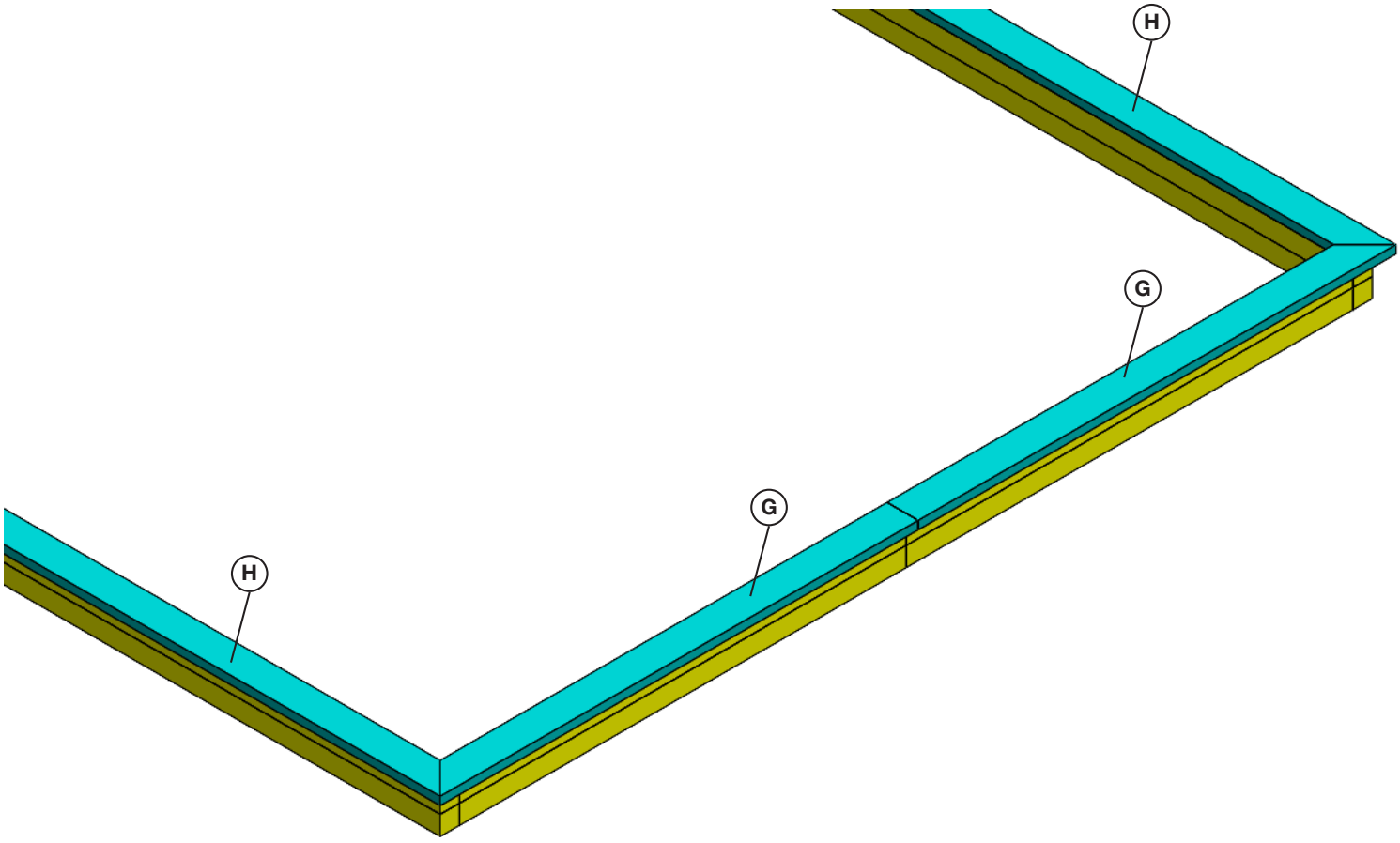

Pencil


Square


Clamps

SUPPLIES


3" YellaWood® fasteners

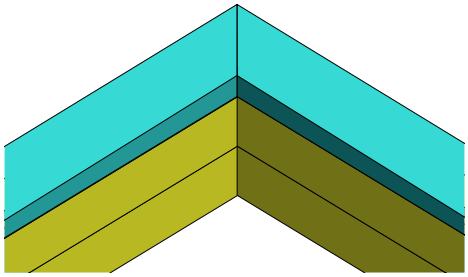


Bocce Ball Court

ASSEMBLY

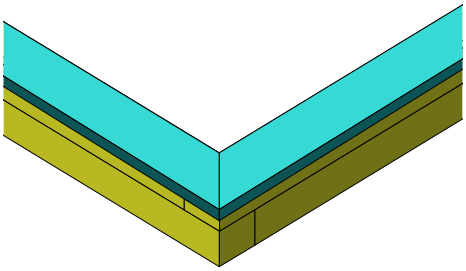
SECTION 2:
TOP FRAME

5 ☐



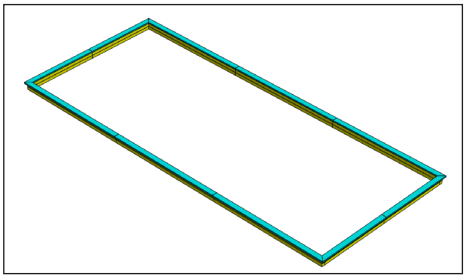
Align the Inside Edges: Place the mitered 2x6 boards along the inside edges of the base frame, forming the top frame of your project.

6 ☐



Secure with 3" Screws: Use 3" screws to firmly attach the 2x6 boards to the base frame. Ensure they are securely fastened to create a stable top frame for your project.

COMPLETED SECTION

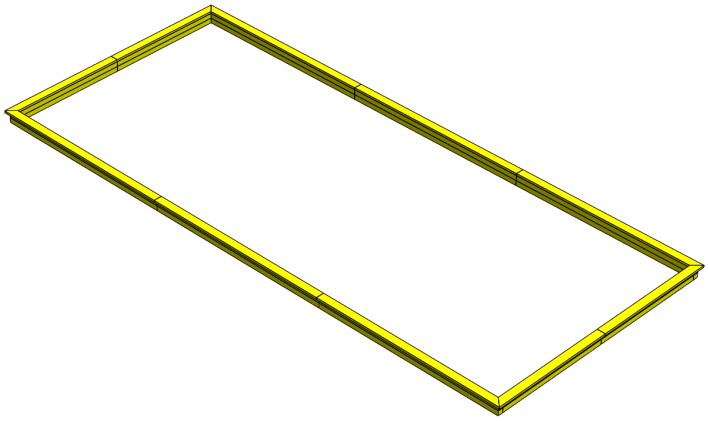


Bocce Ball Court

FINISHING

YellaWood® Pressure Treated Pine

SECTION 3: FINISHING



SUPPLIES



YellaWood Protector®
Stain & Sealer

TOOLS



Radial sander
(or sanding block)



Paint / stain brush

YellaWood® brand products provide the best available pressure treated lumber protection against rot, fungal decay and termites. Sanding edges is recommended to reduce snags and splintering. At a minimum, we recommend annual application of a water repellent. You can also paint or stain it if you prefer.

7 ☐



Ease any sharp edges using a radial sander or sanding block with medium grit. Apply preferred finish to the wood.

8 ☐



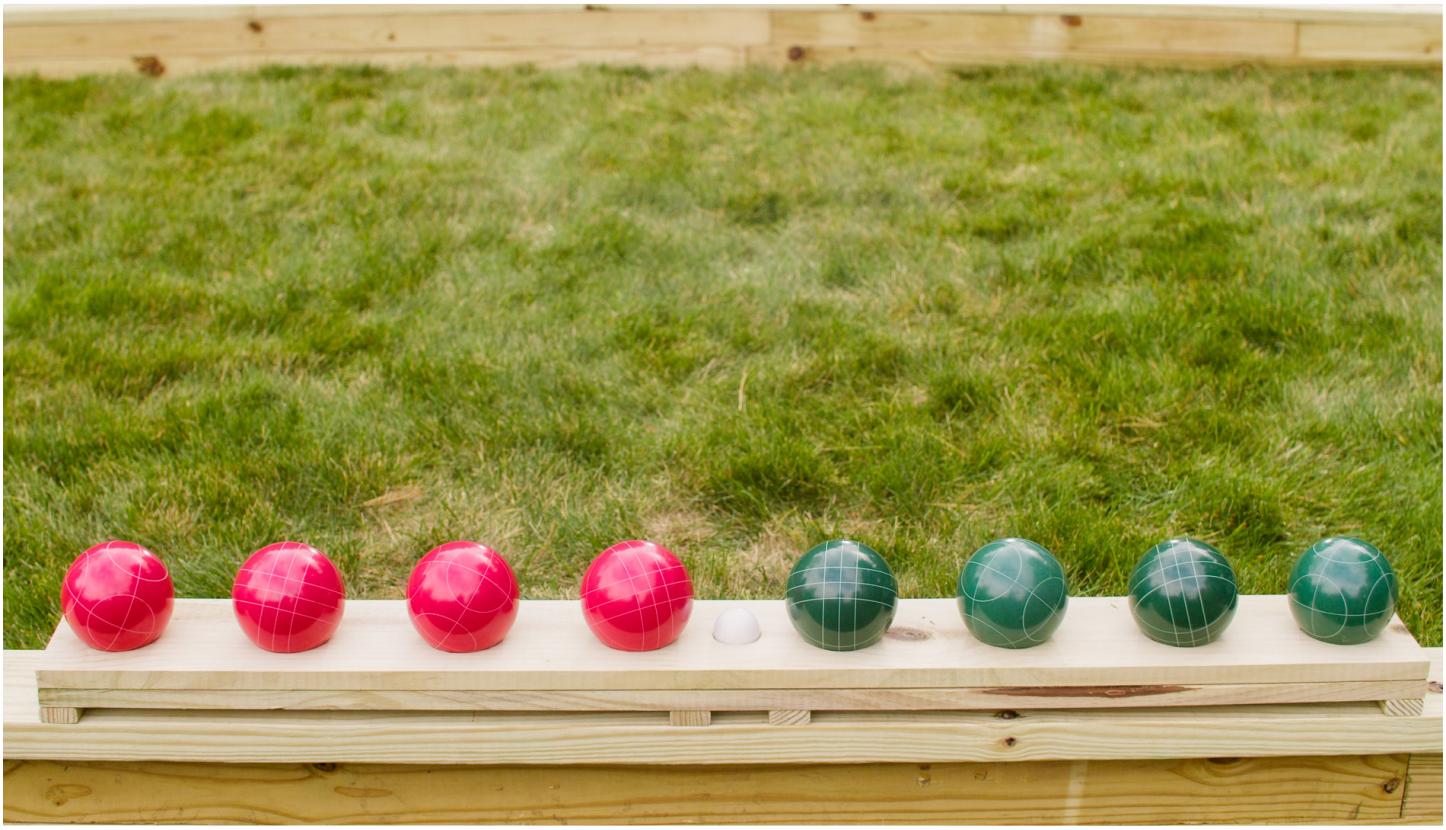
We recommend long-lasting YellaWood Protector® semi-transparent stain and water repellent wood sealer, the only stain backed by the famous Yella Tag. Follow manufacturer's recommendations for application.

CONGRATULATIONS. ENJOY YOUR NEW BOCCE BALL COURT!

Bocce Ball Holder

PROJECT PLAN

YellaWood® Pressure Treated Pine



Stay ready to roll with this add-on Bocce Ball Holder.

A little friendly competition could break out at any time, so always be ready for it. No matter how well you roll, you're still bringing your A-game with this functional and attractive addition to your Bocce Ball Court. A few extra boards, plus a little more time, is all it takes to elevate your backyard playtime. (We can't say the same for your game though.)

BUILD TIME

2 HRS

DIFFICULTY

●○○

COST

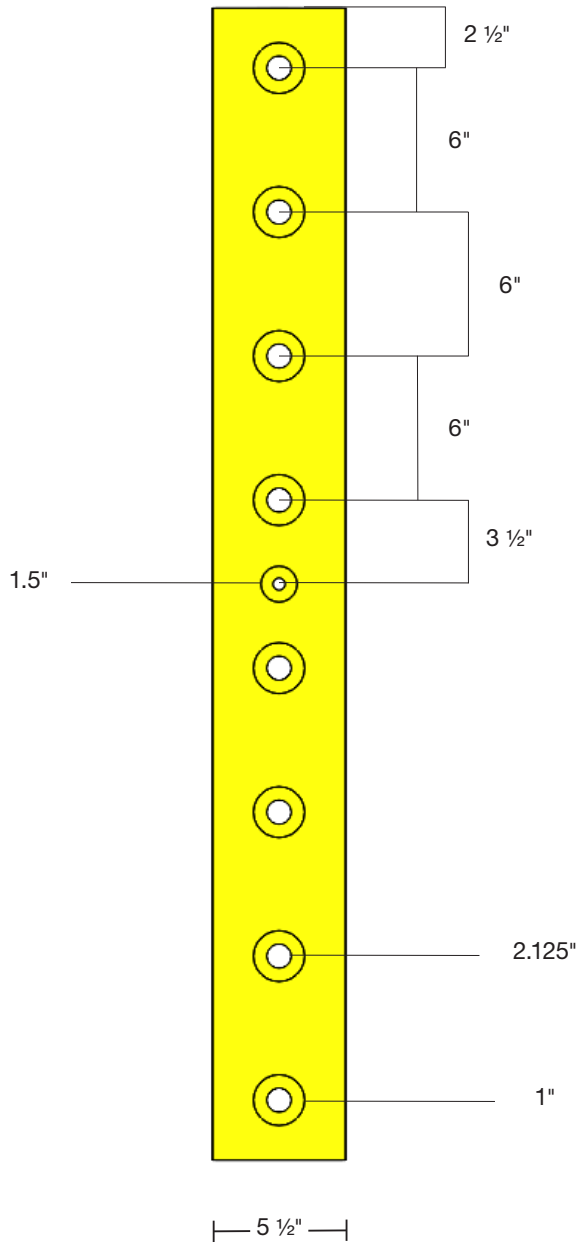
$ $ $ $

Bocce Ball Holder

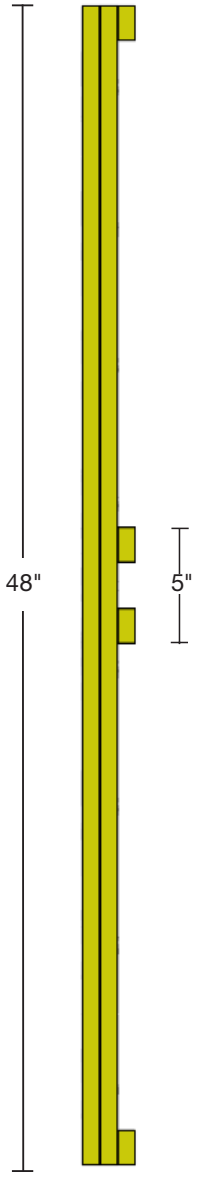
OVERALL SIZE

YellaWood® Pressure Treated Pine

TOP



SIDE



FRONT



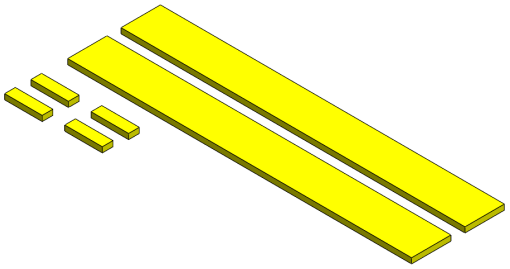
Bocce Ball Holder

OVERVIEW OF STEPS

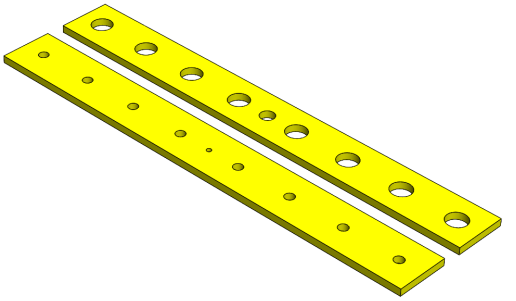
YellaWood® Pressure Treated Pine

SEQUENCE OF BUILD

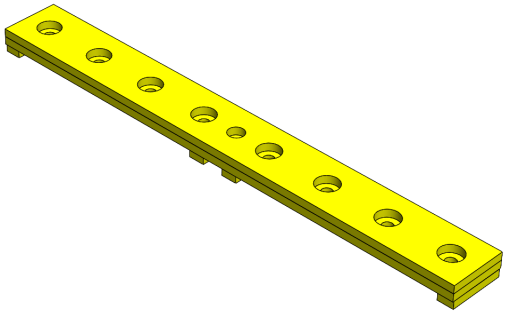
1: CUT TO LENGTH



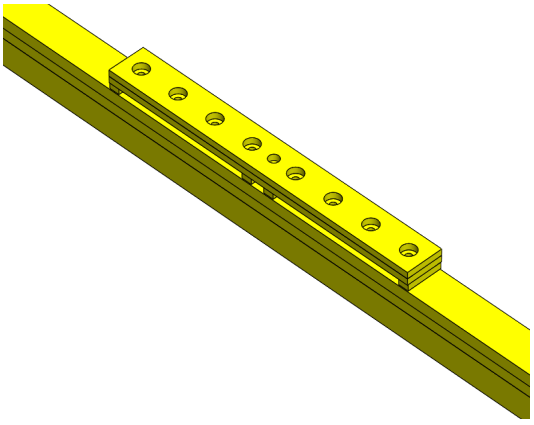
2: CUT HOLES



3: ASSEMBLE



4: INSTALL



BUILD TIME

CUTTING		ASSEMBLY		FINISHING		TOTAL		IN JUST
1 HR	+	.5 HR	+	.5 HR	=	2 HRS		6 STEPS

Bocce Ball Holder

WHAT YOU'LL NEED

MATERIALS

- ◯ **1x** 1x6x8' YellaWood® pressure treated pine
- ◯ **1x** 1x2x8' YellaWood® pressure treated pine

HARDWARE

- ◯ 2" YellaWood® fasteners + appropriate bit

WOOD FINISHING

- ◯ YellaWood Protector® Stain & Sealer

SAFETY EQUIPMENT

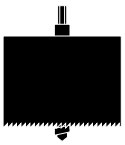
- ◯ Work gloves
- ◯ Dust mask
- ◯ Safety glasses
- ◯ Ear protection

TOOLS


Pencil


Measuring tape


Miter saw (or chop saw)


Hole saw and kit


Drill / driver


Radial sander (or sanding block)


Damp cloth (optional)


Waterproof wood glue (optional)


Paint / stain brush

Notes:

Consider using **YellaWood® KDAT** and higher grade products to achieve more professional results.

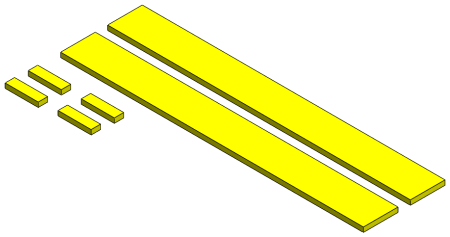
Bocce Ball Holder

ASSEMBLY

YellaWood® Pressure Treated Pine

INSTRUCTIONS FOR ALL SECTIONS

1 ☐



First cut two 48"-long parts from the 1x6x8' board. Then cut four 5.25"-long parts from the 1x2x6' board for the standoffs.

2 ☐



Begin by finding center on the 48"-long parts and drawing a center line, in both the horizontal and vertical direction for each board.

3 ☐



Then, referencing the diagram on page 15, draw a line at each of the hole locations, creating a center point for cutting each of the holes.

4 ☐



Cut out holes at each location, centering the saw on each of the center points created. Select hole size based on diagram on page 15.

5 ☐



Sandwich the two long parts and the feet together. Secure from the bottom using 2" screws.

6 ☐



Place the Bocce Ball Holder along the top edge of the Bocce Court and store bocce balls at hole locations.

CONGRATULATIONS. ENJOY YOUR NEW BOCCE BALL HOLDER!

Bocce Ball Court

FASTENER & HARDWARE INFORMATION

YellaWood® Pressure Treated Pine

FOR INTERIOR OR EXTERIOR APPLICATIONS

Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. As with any good design and construction practices, treated wood should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

FOR EXTERIOR APPLICATIONS

The following minimum galvanization levels may be used for connectors, joist hangers, fasteners and other hardware that are placed in direct contact with exterior applications of micronized copper treated wood:

- **Fasteners –** nails, screws, etc. ASTM – A 153 (1 oz/ft^2)
- **Hardware –** connectors, joist hangers, etc. ASTM – A 653 G90 (0.90 oz/ft^2)

The effects of other building materials within a given assembly, along with environmental factors, should also be considered when selecting the appropriate hardware and fasteners to use for a given project containing treated wood.

Stainless steel fasteners and hardware are required for permanent wood foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. Types 304 and 316 are recommended grades to use.

ALUMINUM

Aluminum building products may be placed in direct contact with YellaWood® brand products used for interior uses and above ground exterior applications such as decks, fencing, and landscaping projects. Examples of aluminum products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and other hardware connectors. However, direct contact of treated products and aluminum building products should be limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.

We recommend you contact the aluminum building products manufacturer for its recommendations regarding use of its aluminum products in contact with treated wood in ground contact applications or when exposed to salt water, brackish water, or chlorinated water, such as swimming pools or hot tubs.

Also check with the aluminum building products manufacturer regarding compatibility with other chemicals and cleaning agents and the use of their aluminum products in commercial, industrial, and specialty applications such as boat construction.

YellaWood® brand pressure treated products are treated with preservatives (the "Preservatives") and preservative methods and technologies of unrelated third parties. For details regarding the Preservatives, methods, and technologies used by Great Southern Wood Preserving, Incorporated, see www.yellawood.com/preservative or write us at P.O. Box 610, Abbeville, AL 36310. Ask dealer for warranty details. For warranty or for important handling and other information concerning our products including the appropriate Safety Data Sheet (SDS), please visit us at www.yellawood.com/warranties or write us at P.O. Box 610, Abbeville, AL 36310. YellaWood®, YellaWood Protector® and the yellow tag are federally registered trademarks of Great Southern Wood Preserving, Incorporated.

Great Southern Wood Preserving, Incorporated makes no warranties expressed or implied as to the fitness for a particular purpose of this plan.

Bocce Ball Court

IMPORTANT INFORMATION

- Consult the end tag to determine which preservative or preservative system was used in the treatment of that particular product. YellaWood® brand products may be used in direct contact with aluminum building products when limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.
- Use fasteners and other hardware that are in compliance with building codes for the intended use.
- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin.
- Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances when the preservative may become a component of food, animal feed or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used. If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold. For more information visit www.epa.gov.
- Projects should be designed and installed in accordance with federal, state and local building codes and ordinances governing construction in your area, and in accordance with the National Design Specifications (NDS) and the Wood Handbook.

DISPOSAL RECOMMENDATIONS

Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations.