

# Giant Toppling Tower

BACKYARD  
GAMES  
SERIES

**YellaWood**  
Pressure Treated Pine

## PROJECT PLAN



## Stack up the fun.

The simple construction of this outdoor activity makes it an ideal weekend or even after-work project.

The set consists of just one type of part cut many times: a 2x4 cut at 10 1/2". This makes for one of the quickest YellaWood® projects yet, and allows for little reason not to give it a go.

After the 48 pieces are cut, sanded and sealed, arrange them in alternating rows of three and you're ready to start playing.

### BUILD TIME



### DIFFICULTY



### COST



- Read instructions through and familiarize yourself with the entire process before you begin construction
- Always double check measurements before you make any cuts

- Great Southern Wood cannot be held responsible for incorrect cuts

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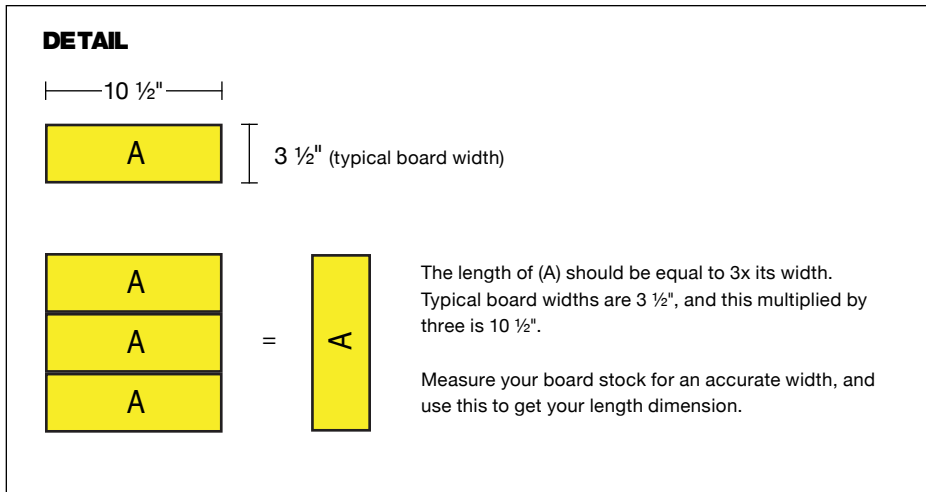
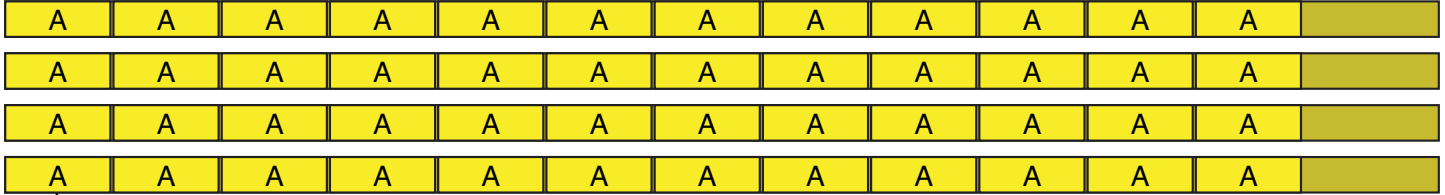
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## WHAT YOU'LL NEED

### CUTLIST: DIAGRAMS

2x4x12' STOCK  
4 BOARDS



### CUTLIST: TEXT

COUNT	PART	STOCK	DIMENSION
48x	A	2x4	3 1/2 x 1 1/2 x 10 1/2"

**Notes:**

Feel free to cross-cut and/or rip-cut all of the pieces in the Cutlist prior to assembly.

Be sure to measure your stock as board dimensions can vary.

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## WHAT YOU'LL NEED

### SUPPLIES

#### WOOD STOCK

4x 2"x4"x12'

#### FINISHING

YellaWood  
Protector® Stain  
& Sealer

### TOOLS



Chop saw  
(or hand or  
circular saw)



Measuring  
tape



Sanding  
block



Paint/Stain  
Brush

### BUILD TIME

#### CUTTING

**1**  
HRS

+

#### ASSEMBLY

**0**  
HRS

+

#### FINISHING

**1**  
HRS

=

#### TOTAL

**2**  
HRS

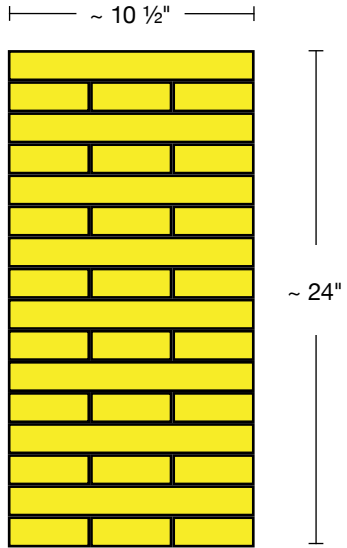
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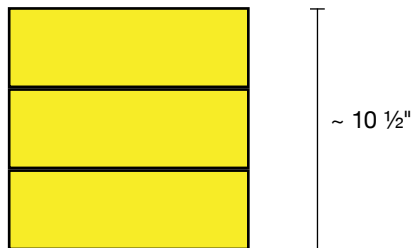
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## DIMENSIONS & DIAGRAMS

### FRONT



### TOP



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## OVERVIEW OF STEPS

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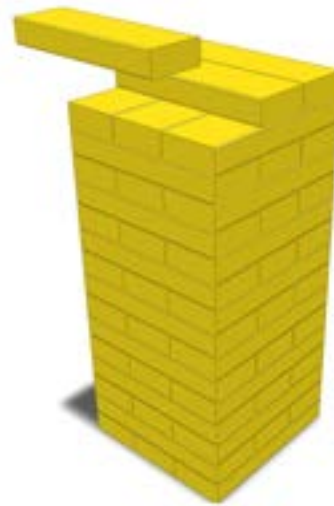
### SEQUENCE OF BUILD

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**1: BLOCKS**



**2: ASSEMBLY & FINISHING**



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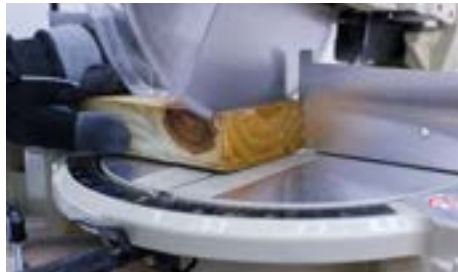
## DIMENSIONS & DIAGRAMS

### STEP 1: BLOCKS



**Note:**  
Measure the width of your four 2x4s and take the average of those dimensions.  
Multiply this number by 3 to get your target length for your cuts.  
We've used 10 1/2" in this plan, as our wood stock measured an average of 3 1/2" in width.

1



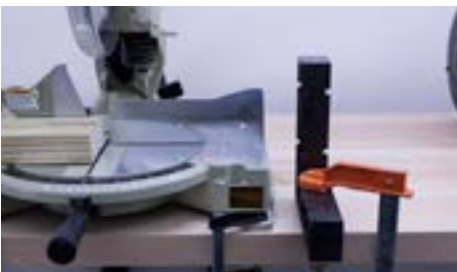
**Tip:**  
Cut the ends off of each board before starting the cutlist.

2



Cut 2x4 stock to a length of 10 1/2" using a miter saw.

3



**Tip:**  
Use a jig at the end of your chopsaw so that you save time lining up each cut.

4



Make 48 part (A)s.

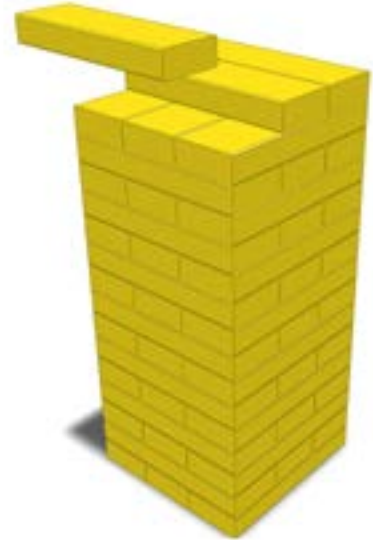
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## DIMENSIONS & DIAGRAMS

### STEP 2: ASSEMBLY & FINISHING



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.

5



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

6



To store the game as it would be set up, stack in rows of three with each layer alternating the orientation.

7



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 GIANT TOPPLING TOWER GAME SET!**

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## DIMENSIONS & DIAGRAMS

### GALLERY OF IMAGES





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## FASTENER & HARWARE INFORMATION

### 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<sup>2</sup>)
- Hardware – connectors, joist hangers, etc.        ASTM – A 653 G90 (0.90 oz/ft<sup>2</sup>)

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. Type 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.yellowood.com/preservative](http://www.yellowood.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.yellowood.com/warranties](http://www.yellowood.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.

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## 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](http://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.