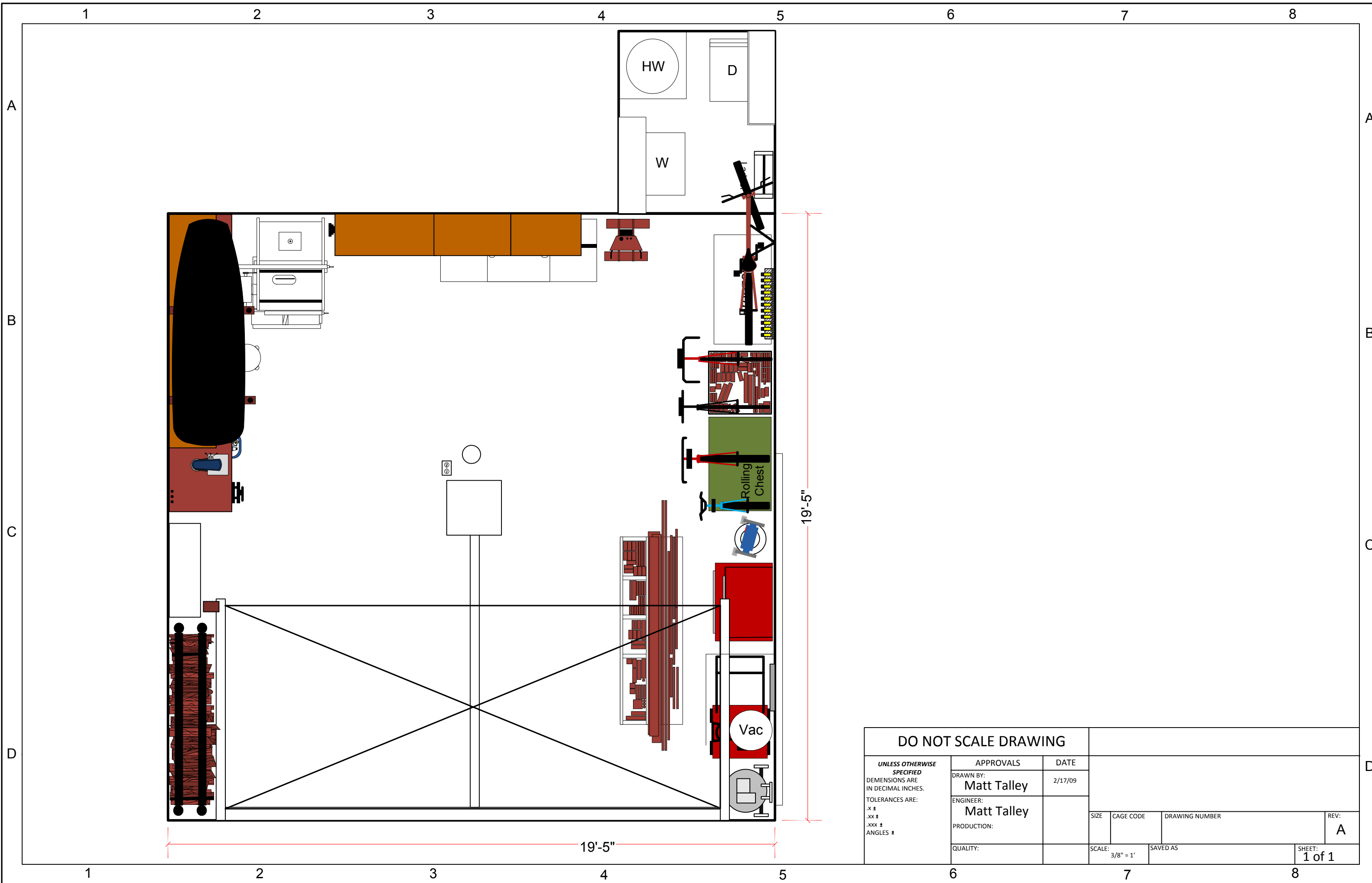
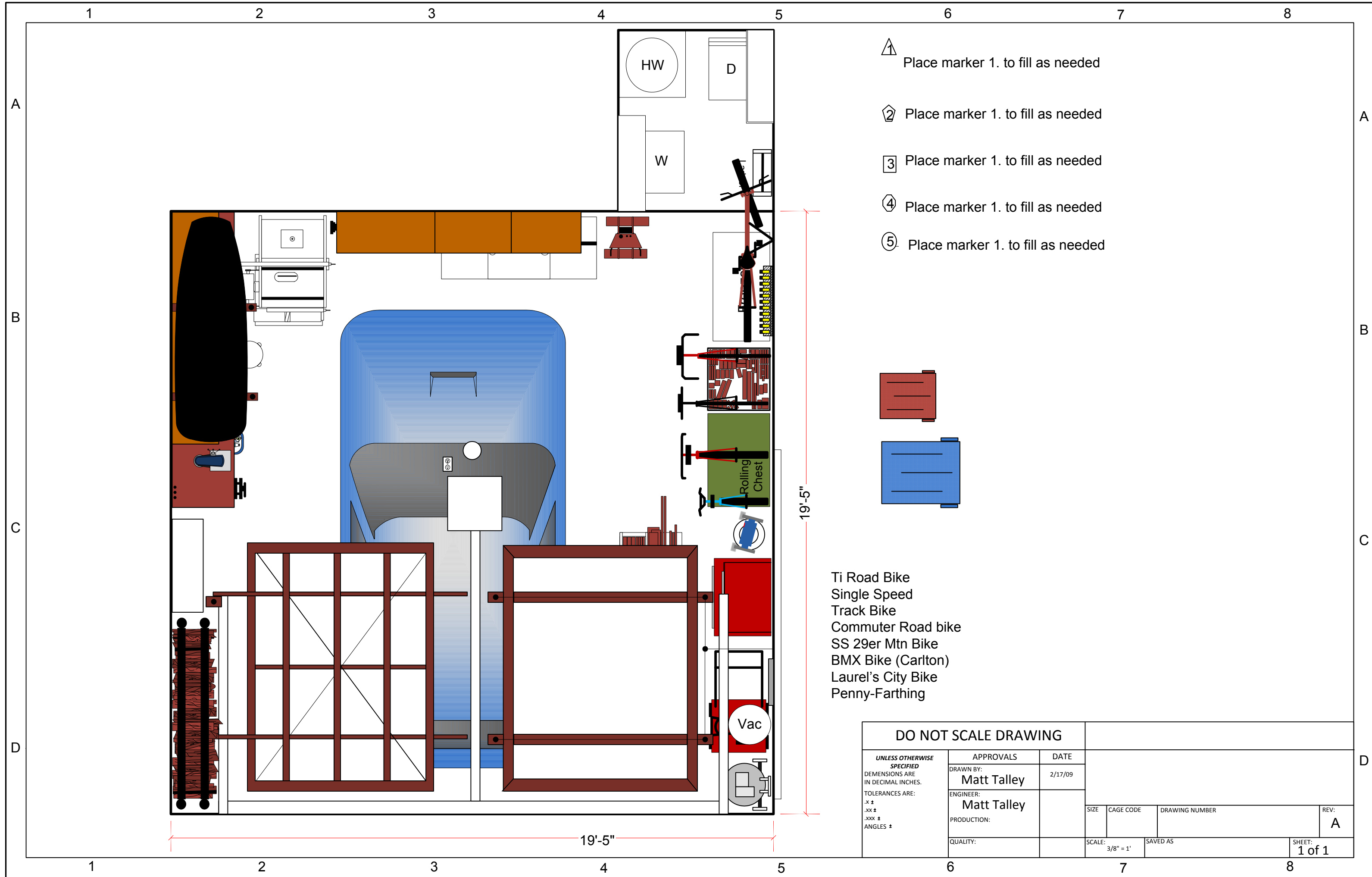


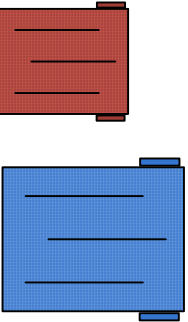
DO NOT SCALE DRAWING						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN DECIMAL INCHES. TOLERANCES ARE: .X ± .XXX ± ANGLES ±	APPROVALS	DATE				
	DRAWN BY: Matt Talley	3-27-09				
	ENGINEER: Matt Talley		SIZE	CAGE CODE	DRAWING NUMBER	REV: A
	PRODUCTION:		SCALE: 3/8" = 1'	SAVED AS	SHEET: 1 of 1	
QUALITY:						



DO NOT SCALE DRAWING						
<small>UNLESS OTHERWISE SPECIFIED</small> <small>DIMENSIONS ARE IN DECIMAL INCHES.</small> <small>TOLERANCES ARE:</small> <small>.x ±</small> <small>.xxx ±</small> <small>ANGLES ±</small>	APPROVALS	DATE				
	DRAWN BY: Matt Talley	2/17/09				
	ENGINEER: Matt Talley		SIZE	CAGE CODE	DRAWING NUMBER	REV: A
	PRODUCTION:		SCALE: 3/8" = 1'	SAVED AS	SHEET: 1 of 1	
QUALITY:						

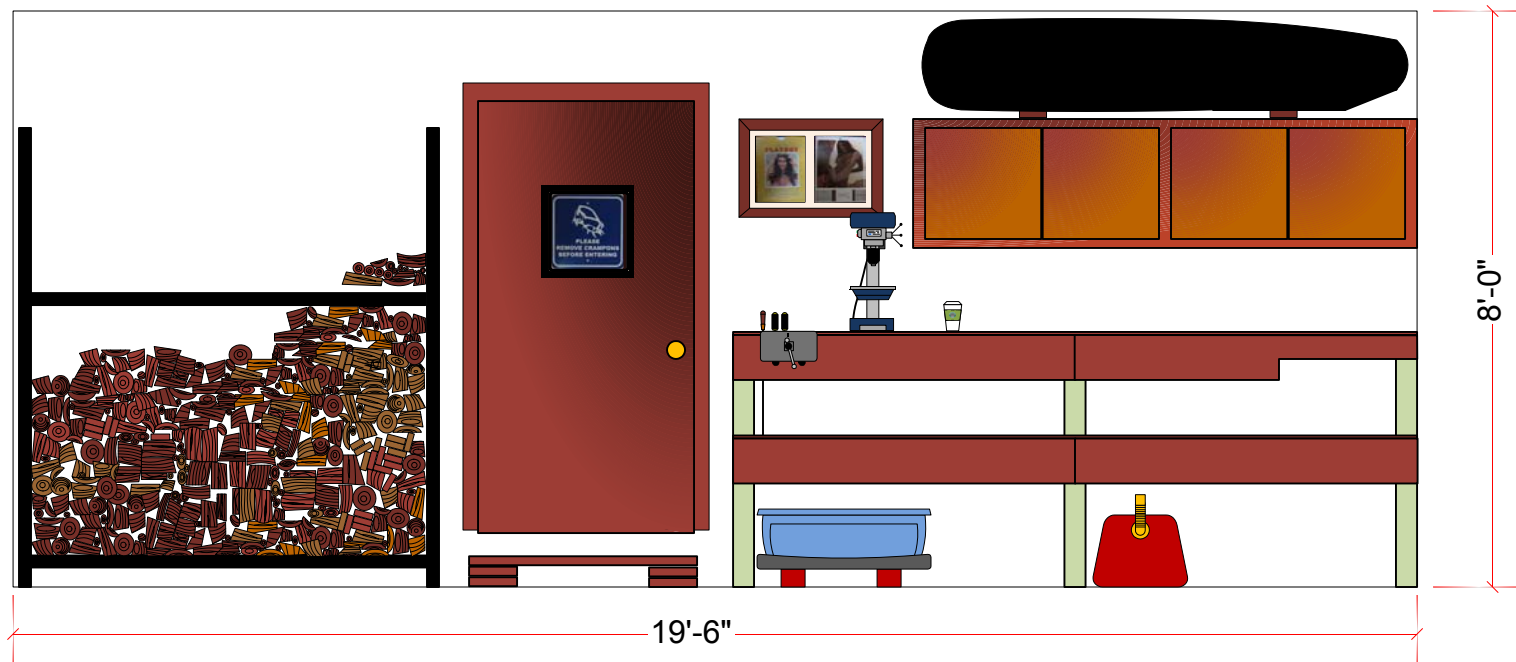
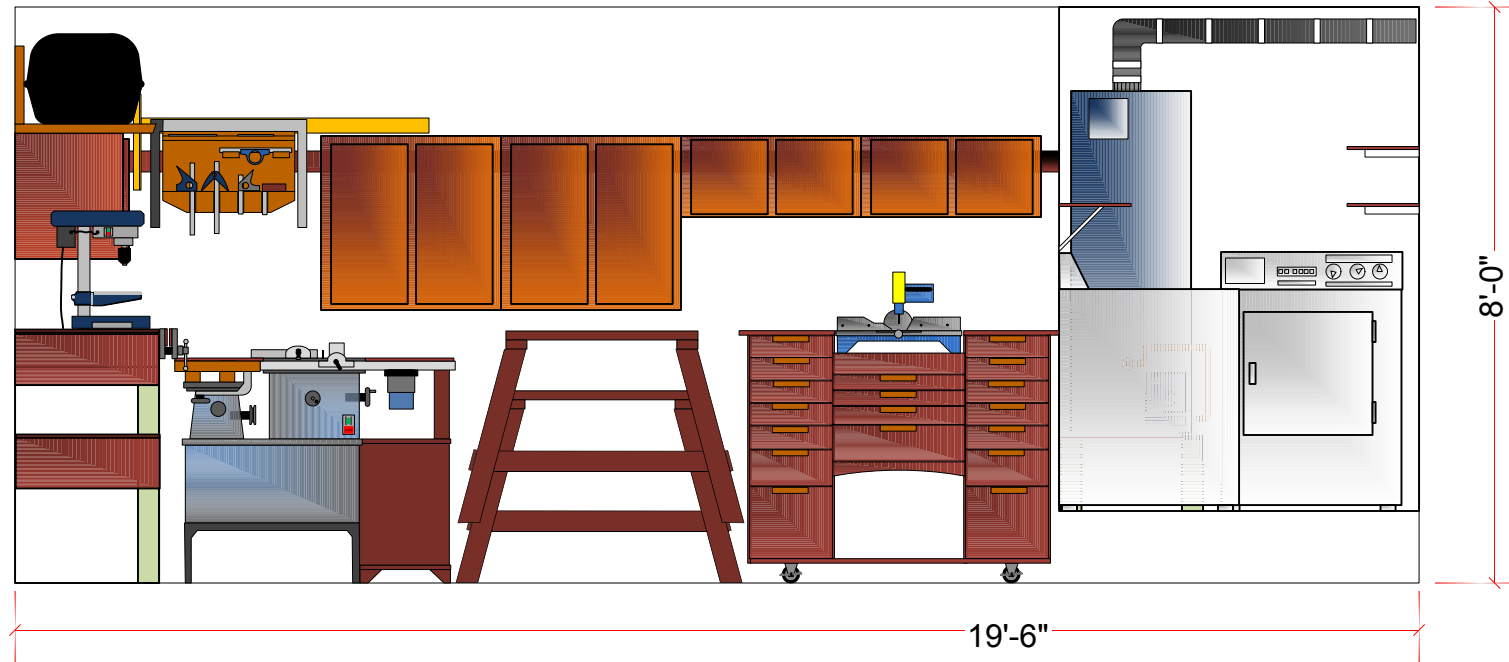


- ① Place marker 1. to fill as needed
- ② Place marker 1. to fill as needed
- ③ Place marker 1. to fill as needed
- ④ Place marker 1. to fill as needed
- ⑤ Place marker 1. to fill as needed

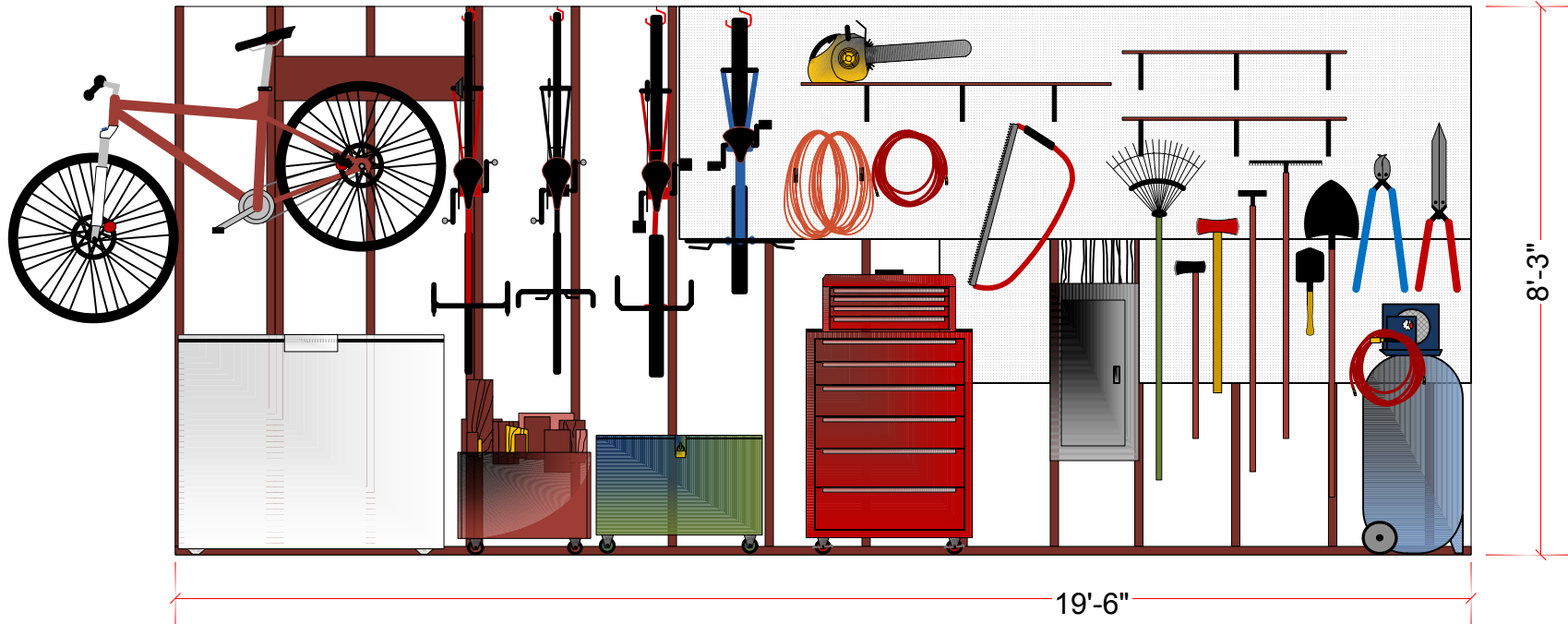


- Ti Road Bike
- Single Speed
- Track Bike
- Commuter Road bike
- SS 29er Mtn Bike
- BMX Bike (Carlton)
- Laurel's City Bike
- Penny-Farthing

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UNLESS OTHERWISE SPECIFIED DEMENSIONS ARE IN DECIMAL INCHES. TOLERANCES ARE: .X ± .XX ± .XXX ± ANGLES ±	APPROVALS	DATE	
	DRAWN BY: Matt Talley	2/17/09	
	ENGINEER: Matt Talley		
	PRODUCTION:		
QUALITY:			
	SIZE	CAGE CODE	DRAWING NUMBER
	SCALE: 3/8" = 1'	SAVED AS	REV: A
			SHEET: 1 of 1



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	DRAWN BY: Matt Talley		2/17/09
	ENGINEER: Matt Talley		
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		SIZE	CAGE CODE
		DRAWING NUMBER	
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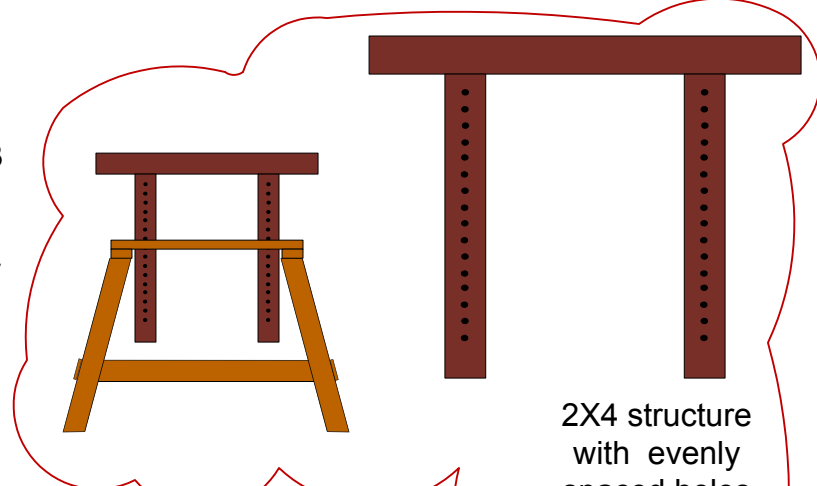
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	DRAWN BY: Matt Talley	2/17/09	
	ENGINEER: Matt Talley		
	PRODUCTION:		
QUALITY:		SCALE: 3/8" = 1'	SHEET: 1 of 1
		SIZE CAGE CODE DRAWING NUMBER	REV: A

Drawing **NOT** to scale. Please refer to dimension notes for measurements

Build the top first using a 2X4 as a spacer between the 2 3/2" top boards. Use a couple of credit card or finish nails on each side to space further as you do not want any problems with either fitting or replacing your sacrificial 2x4 rail.

1. Glue and screw all joints. Gorilla ® Glue is best for this application

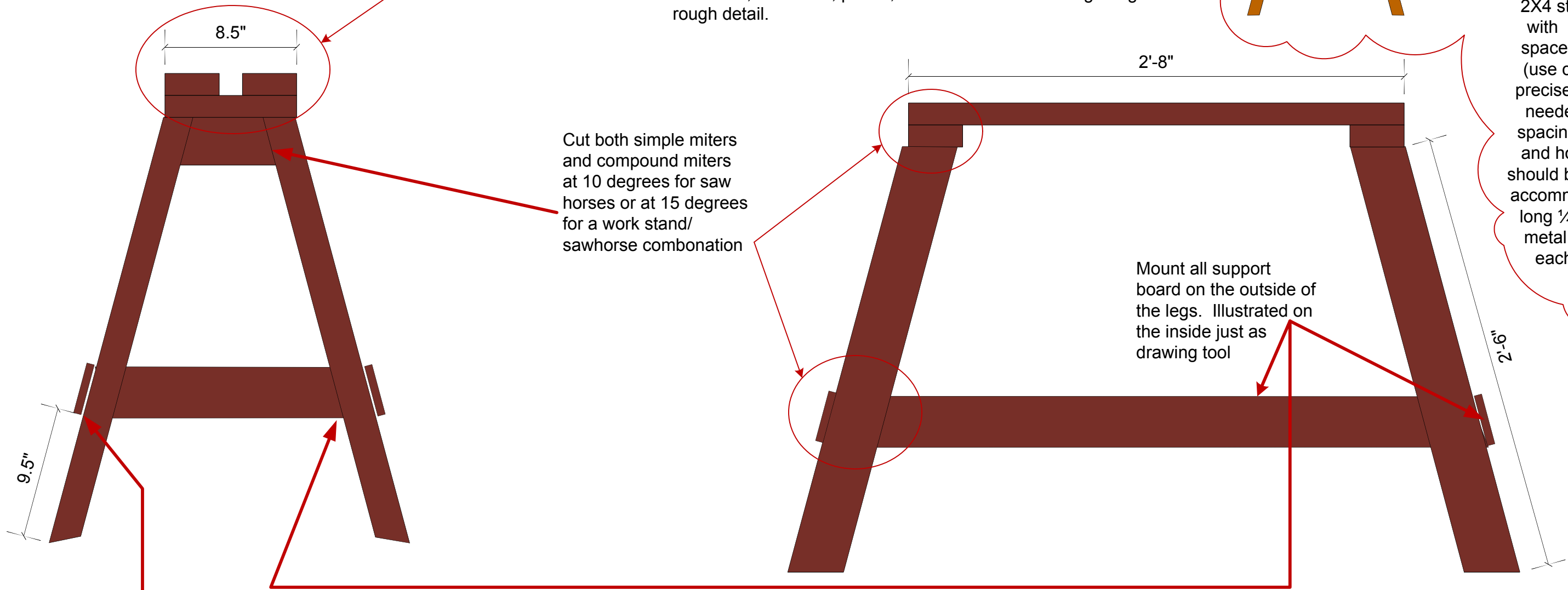
Note: This design will easily hold the weight of a walk-board and 3 good-sized men, though I haven't done the load calculation on it for a precise number. Use a longer (36") piece for a sacrificial saw edge. It will keep you from cutting up your project or accidentally slicing it in half if you have your circle saw blade set too deep. You can also use an adjustable Pi beam to use the Horse/Stand as a support table for a table saw, miter saw, planer, etc... See small drawing at right for rough detail.



2X4 structure with evenly spaced holes (use clamp if precise level is needed). 2" spacing is fine and hole size should be 3/8" to accommodate a long 1/4 bolt or metal rod on each side

Cut both simple miters and compound miters at 10 degrees for saw horses or at 15 degrees for a work stand/ sawhorse combination

Mount all support board on the outside of the legs. Illustrated on the inside just as drawing tool



From the long point of the bottom of the legs mark a line up at 9.5 " Build one horse/stand up to that point. Stand it up and get it level and stable. Measure on long side and one short side at the bottom. The long side will be flush with the edge of the leg, but the short will protrude past the leg by 3/4ish inch to make it flush with the outside edge of the long brace. Remember to add the width if the 1X4 to the short side when you are measuring. Cut the remaining two side of this horse and all four side of second to these measurements or they will not nest properly and you will have to fight get the thing level and true. Glue and screw these pieces on as well.

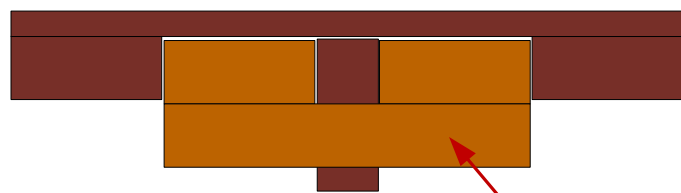
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	ENGINEER:		
	PRODUCTION:		
QUALITY:		SCALE: 3/8" = 1'	SHEET: 1 of 1
		SIZE	CAGE CODE
		DRAWING NUMBER	
			REV: A

1. Glue and screw all joints. Gorilla® Glue is best for this application. **DO NOT** glue up and let sit on the Horse/Stand! Glue it up there for a precise fit, but immediately remove from Horse/Stand and wipe any pressed out glue odd underside of the top, around the edges and off the Horse/stand.

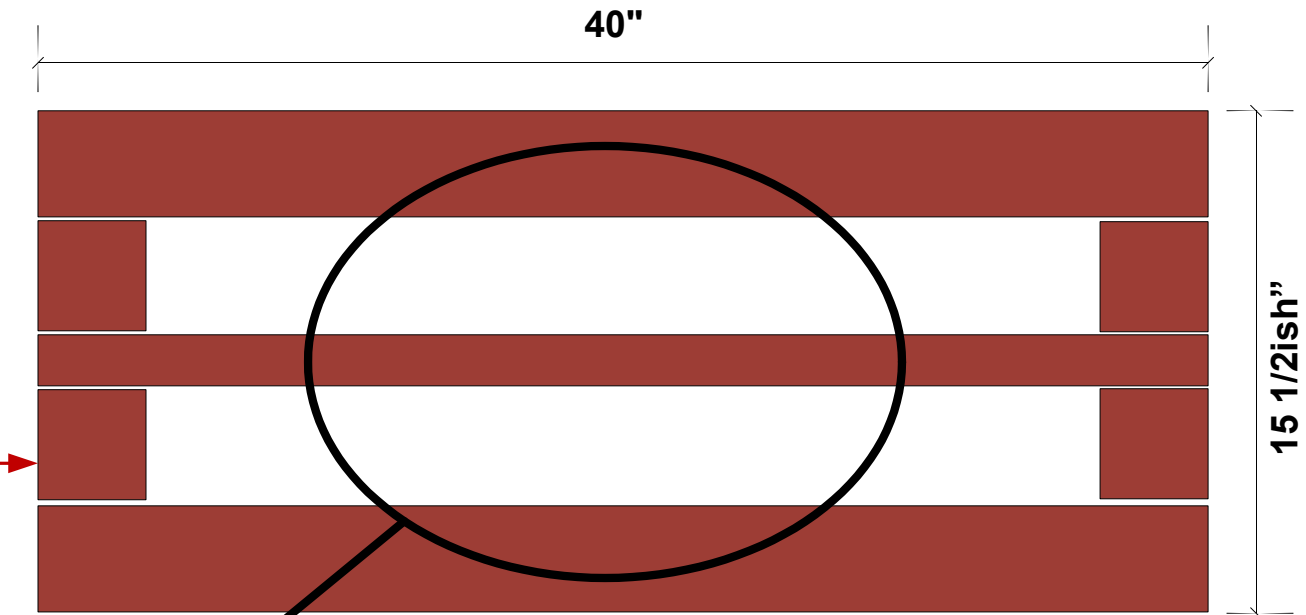
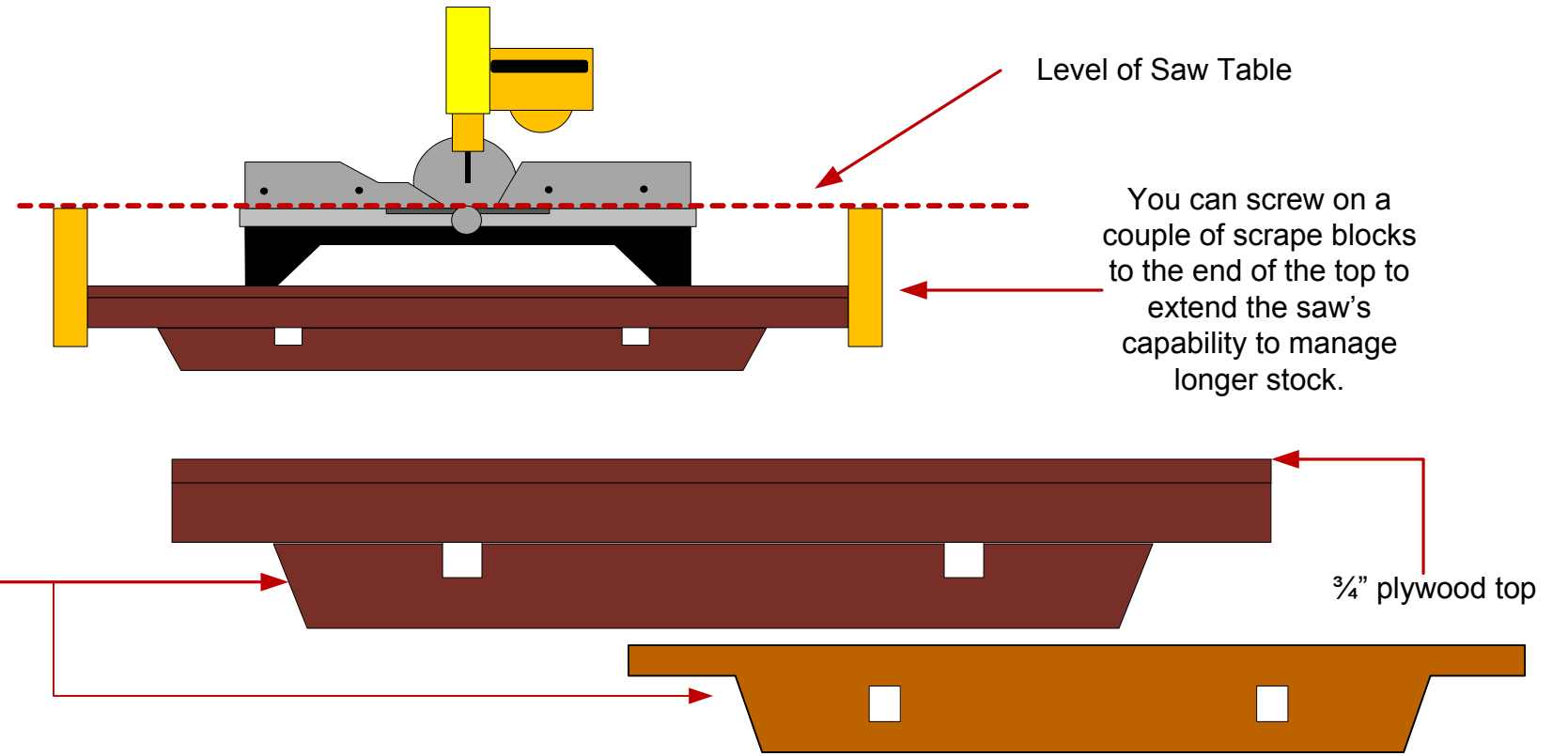
2. Use a couple of credit card or finish nails on each side of the 2X4s to space as you do not want any problems with either installing or removing your top.

3. Bolt – head on botom – your saw, grinder, lathe, etc. to the top while off of the horse/stand.

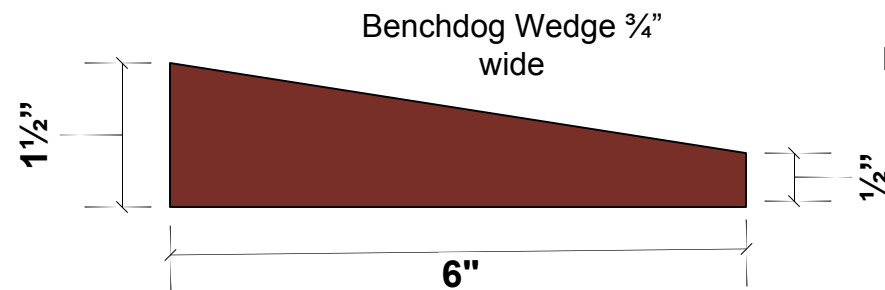
2X4 with 1" holes bored ¼ inch off center line and squared up with a chisel or jig saw. Minimum 6" inches from edge of board. Miter cut leading edge back 10-15 degrees to make installation and removal of top easier



Top portion of horse/stand for reference only



Scrap blocks glued in and clamped until glue dries to give top both finished look and a bit more ridgedity.



Plywood top not shown for purpose of clarity

Drawing **NOT** to scale. Please refer to dimension notes for measurements

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