

TABLE OF CONTENTS	
SHT NO.	DESCRIPTION
1	COVER PAGE
2	LAYOUT
3	BOTTOM LAYER
4	BOTTOM LAYER ATTACHMENT
5	WORK SURFACE
6	RISERS
7	WORK SURFACE ASSEM 1
8	WORK SURFACE ASSEM 2
9	WORK SURFACE ASSEM 3
10	FENCE SUPPORT PARTS
11	FENCE SUPPORT ASSEM
12	FENCE INSTALL
13	STRAIGHT DRAWER BOX PARTS
14	ANGLED DRAWER BOX PARTS
15	DRAWER BOX ASSEM

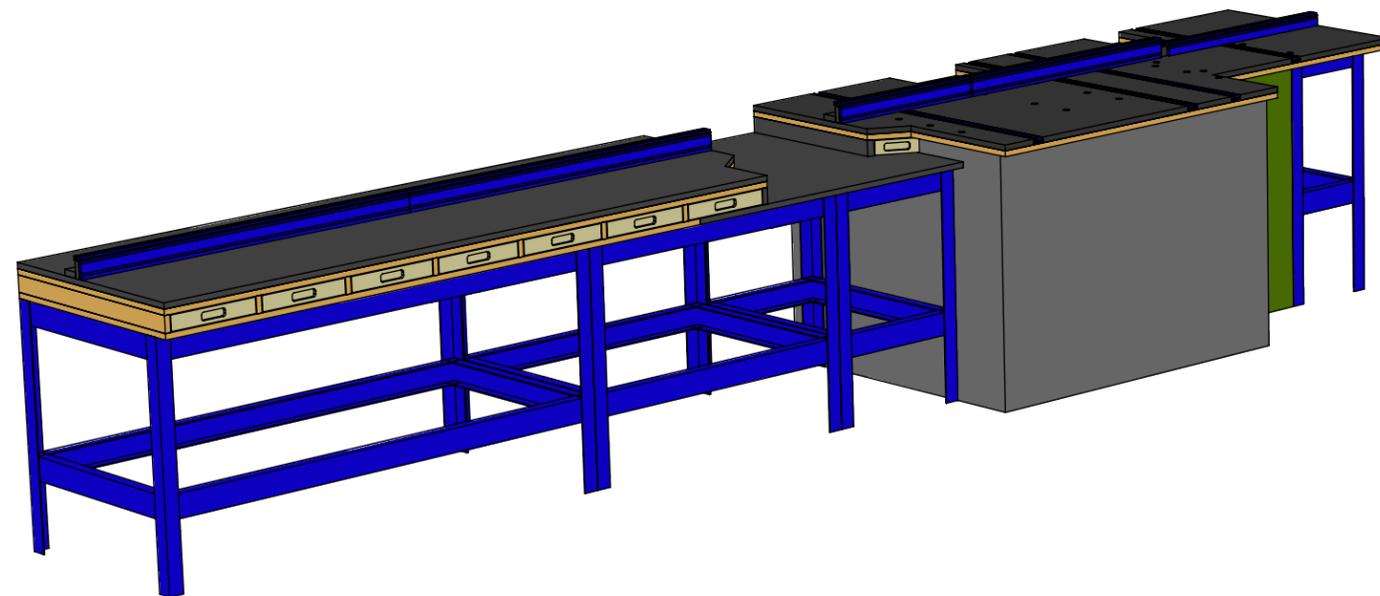


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## ULTIMATE MITER SAW BENCH

WATCH THE BUILD VIDEO!



**NOTE:**

THESE PLANS ARE INTENDED TO BE A SUPPLEMENT TO THE BUILD VIDEO AND PROJECT POST. SINCE EACH SHOP WILL HAVE DIFFERENT TOOLS AND SPACE AVAILABLE, I FIND IT MOST HELPFUL TO DESCRIBE THE METHODS USED TO BUILD MY MITER SAW BENCH RATHER THAN TO NECESSARILY GIVE EXPLICIT DIRECTIONS FOR BUILDING THIS EXACT MITER SAW BENCH. THESE PLANS WILL FOCUS ON BUILDING THE LEFT SIDE OF THE MITER SAW BENCH AS THE RIGHT SIDE IS SIMPLE TWO LAYER OF MATERIAL CUT TO ACCOMIDATE THE RADIAL ARM SAWS IN MY SHOP.

MATERIALS (FOR ONE SIDE OF BENCH TOP)	
ITEM	QTY
3/4" MELAMINE, 4' X 8'	3 SHEETS
3/4" MDF, 4' X 8'	3 SHEETS
1/2" PLY, 4' X 8'	1 SHEET
1/4" PLY, 4' X 8'	1 SHEET
GLUE	32 oz
1" BRAD NAILS	~100
1-1/4" POCKET HOLE SCREWS	~100
2" POCKET HOLE SCREWS	~30

PROJECT NAME: ULTIMATE MITER SAW BENCH		DESCRIPTION				
DRAWING NAME: COVER SHEET		BY				
REV	DATE					

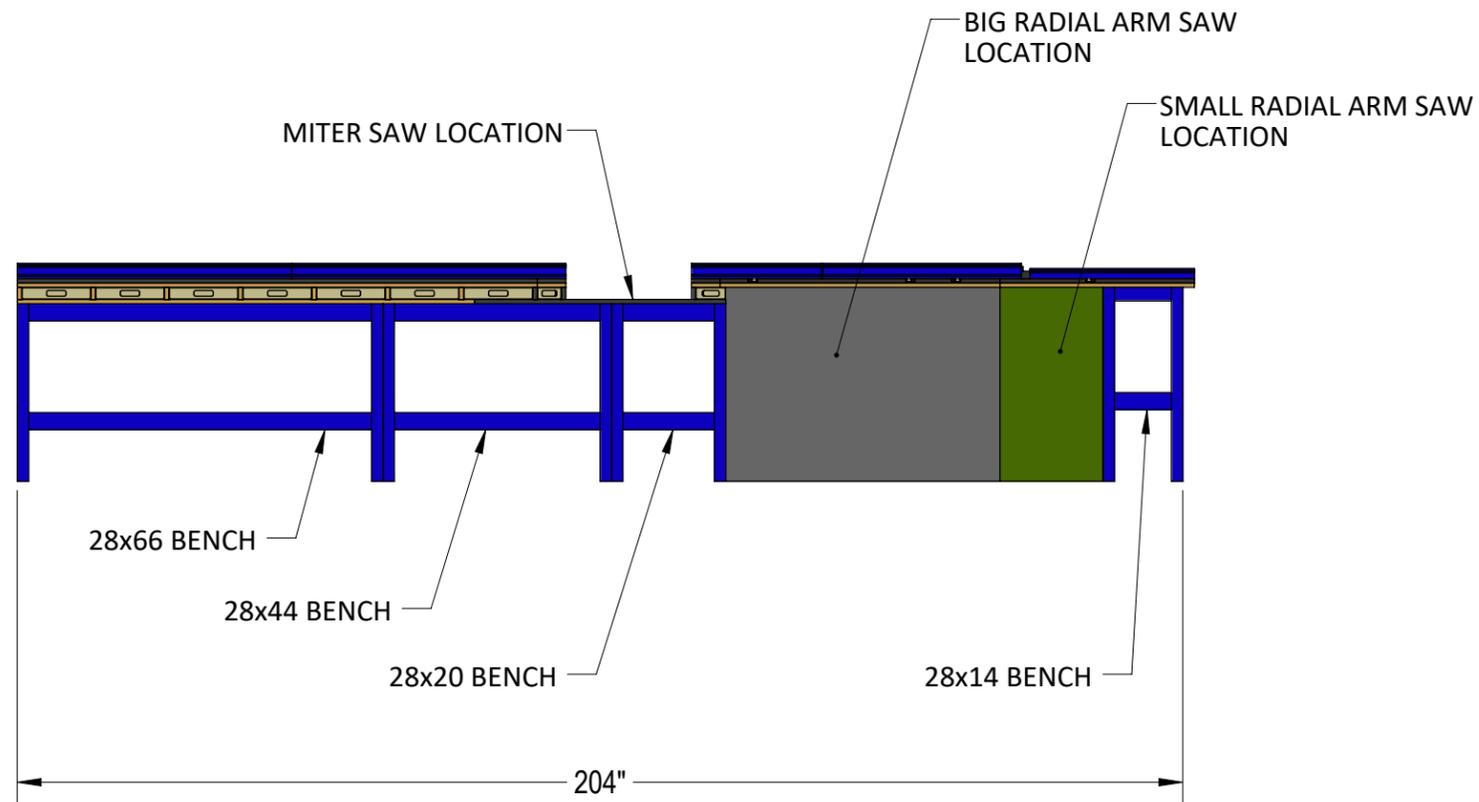
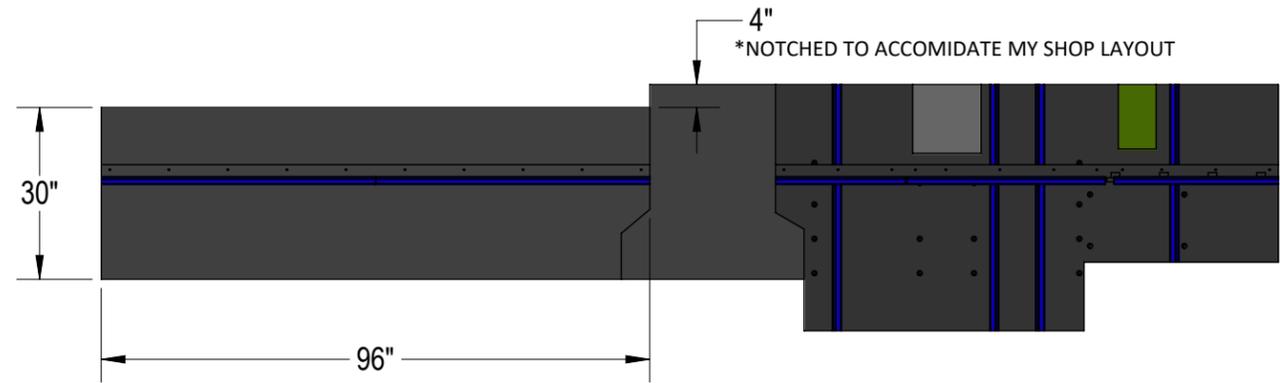
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SHT. NO:

1

NOTE:

WORK SURFACE OVERHANGS FRONT OF BENCH BY 2".  
 LEFT SIDE OF BENCH IS A 3 LAYER CONSTRUCTION WITH RISER IN BETWEEN BOTTOM AND TOP LAYERS.  
 RIGHT SIDE OF BENCH IS A 2 LAYER CONSTRUCTION.  
 NOTCHING AT MITER SAW MAY BE DIFFERENT DEPENDING ON YOUR SAWS' DIMENSIONS.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: LAYOUT

REV	DATE	BY	DESCRIPTION

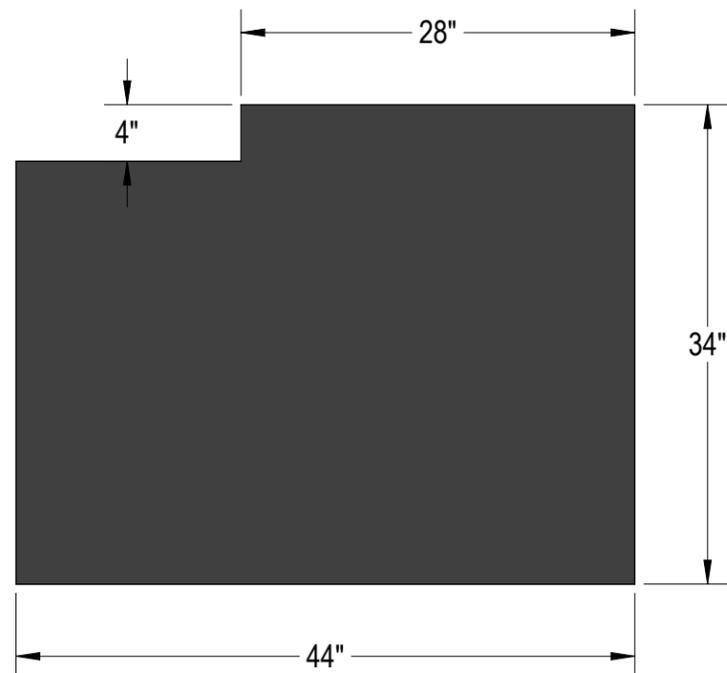
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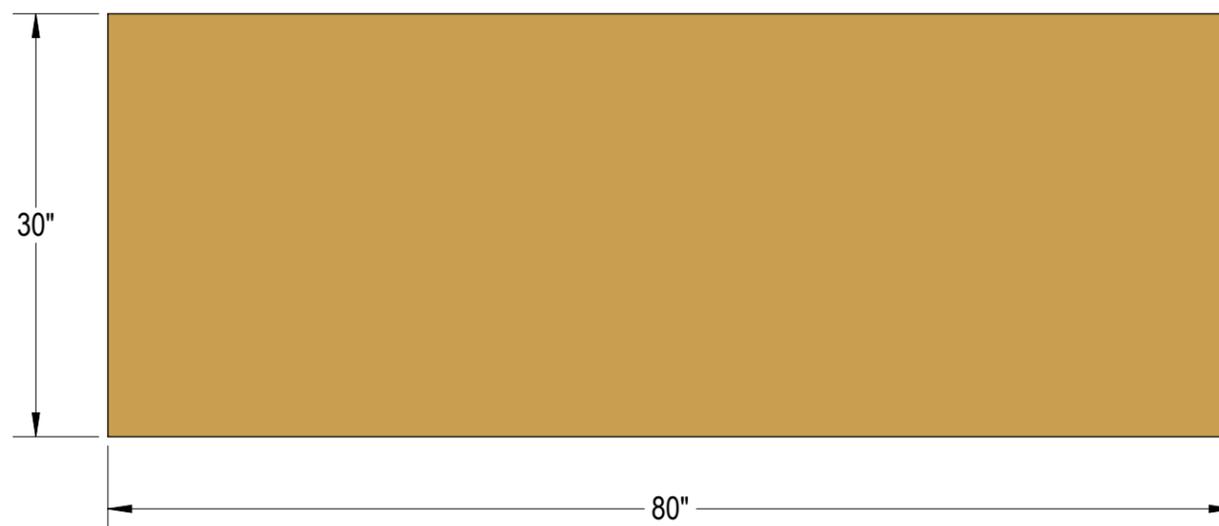
2



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ITEM# 1  
QTY 1  
3/4" MELAMINE



ITEM# 2  
QTY 1  
3/4" MDF

PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: BOTTOM LAYER

REV	DATE	BY	DESCRIPTION

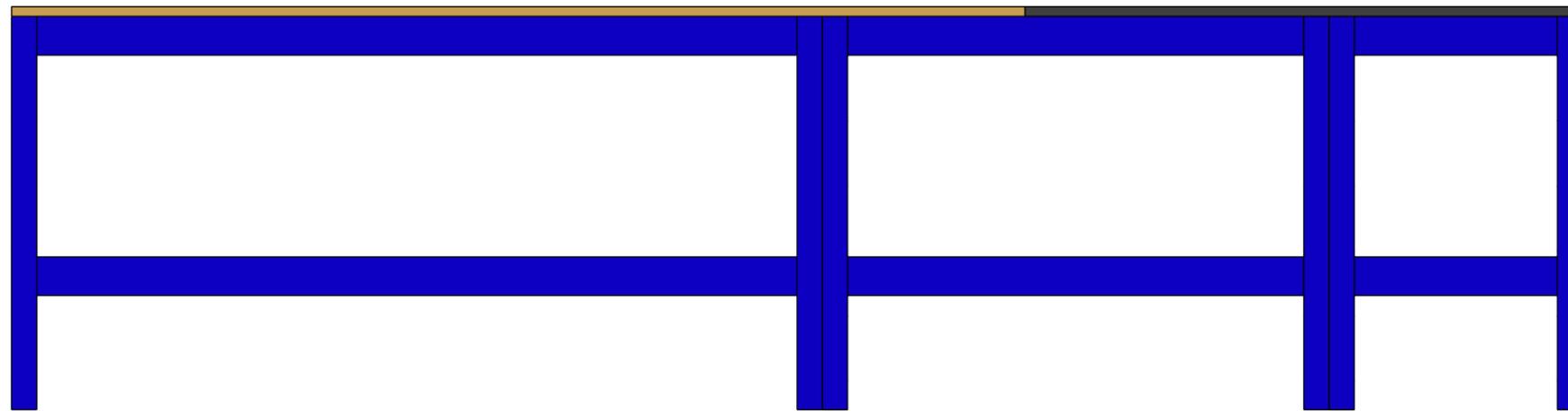
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3

NOTE:

SECURE PIECES 1 & 2 TO UNIVERSAL BENCHES WITH SCREWS INCLUDED WITH BENCHES.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: BOTTOM LAYER ATTACHMENT

REV	DATE	BY	DESCRIPTION

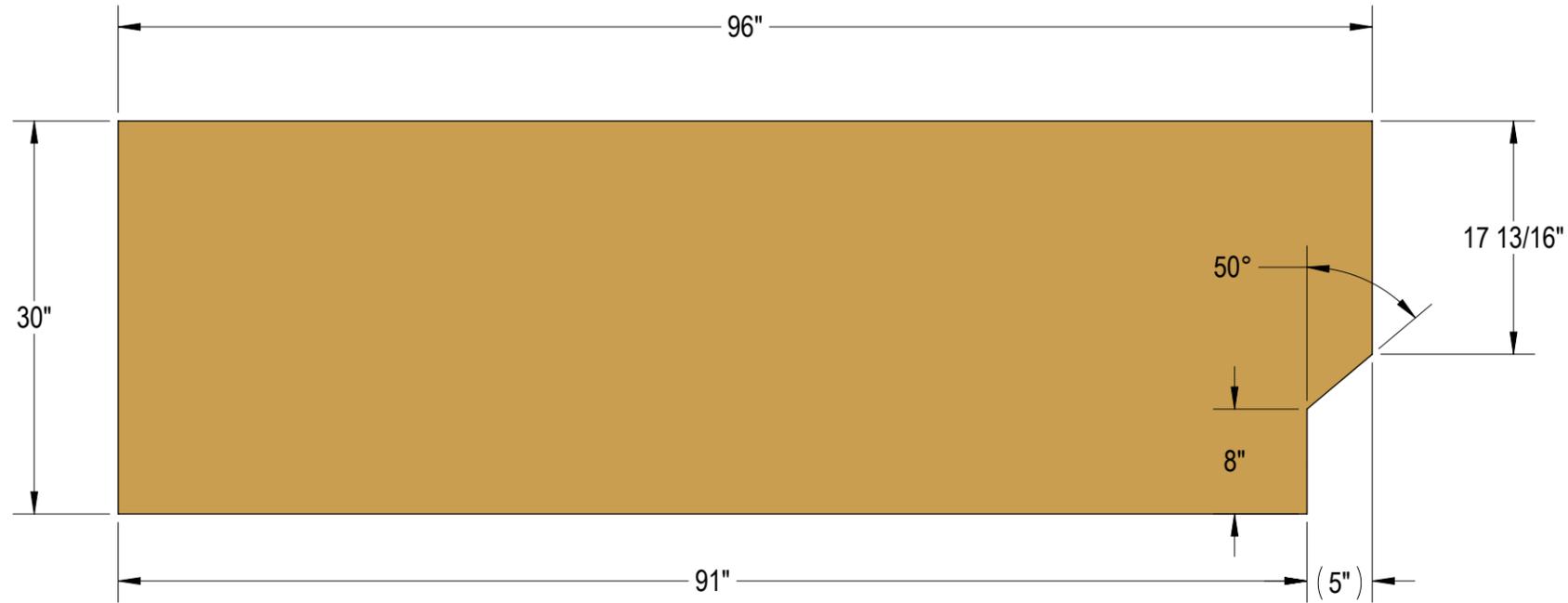
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4

**NOTE:**

CUT TWO IDENTICAL PIECES. THE BOTTOM LAYER FOR THE WORK SURFACE IS MDF. NOTCHES AT BOTTOM RIGHT MAY BE DIFFERENT DEPENDING YOUR MITER SAWS' DIMENSIONS.



ITEM# 3  
QTY 1  
3/4" MDF



ITEM# 4  
QTY 1  
3/4" MELAMINE



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: WORK SURFACE

REV	DATE	BY	DESCRIPTION

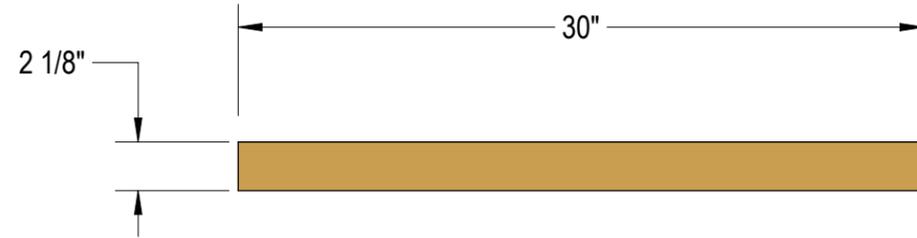
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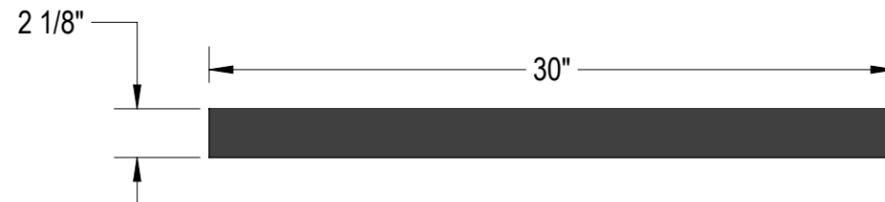
5

NOTE:

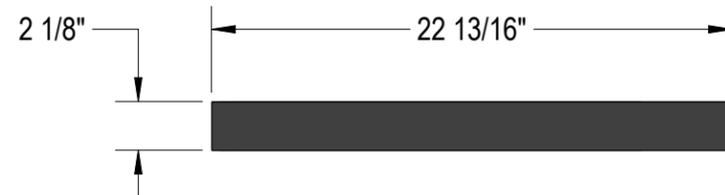
DRILL POCKET HOLES ALONG ONE EDGE IN RISER ABOUT 5" APART AND 2" FROM EACH END.



ITEM# 5  
QTY 7  
MTR'L: 3/4" MDF



ITEM# 6  
QTY 1  
MTR'L: 3/4" MELAMINE



ITEM# 7  
QTY 1  
MTR'L: 3/4" MELAMINE



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PROJECT NAME: ULTIMATE MITER SAW BENCH  
DRAWING NAME: RISERS

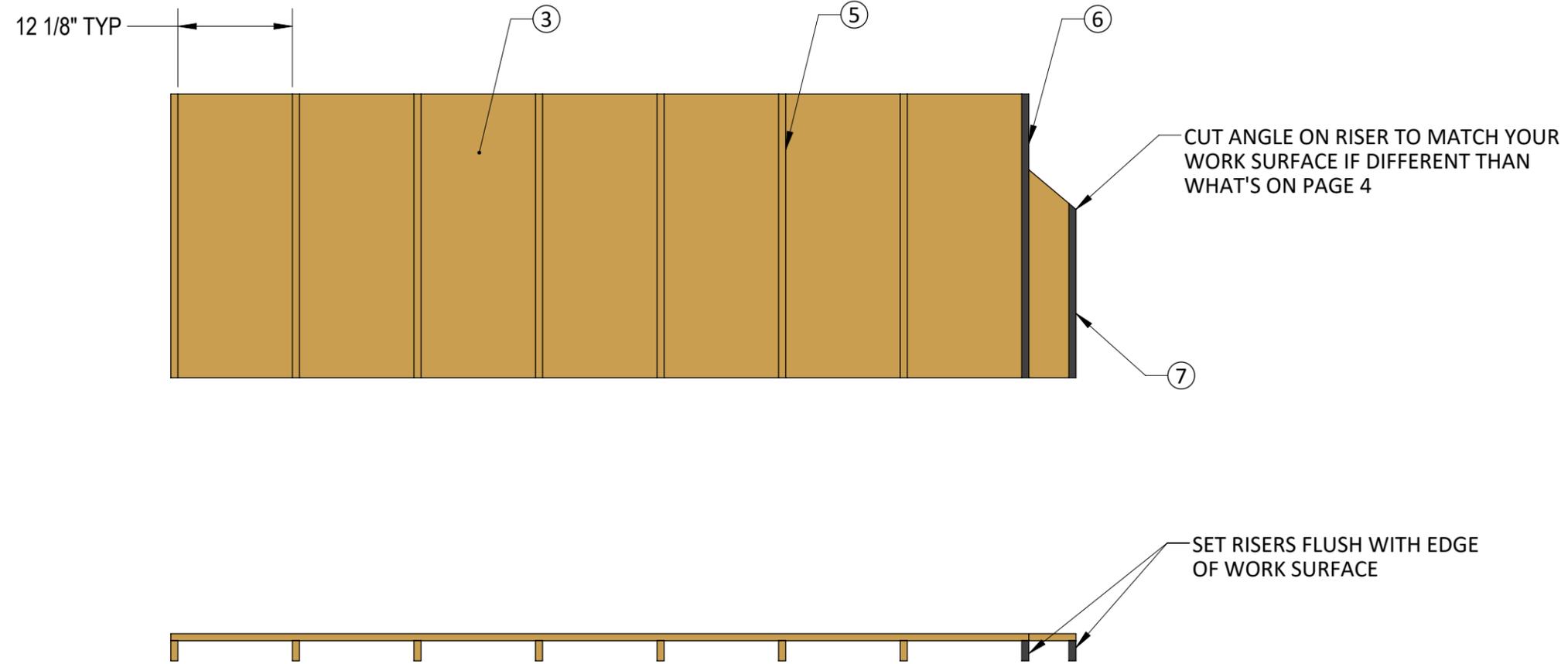
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SHT. NO:  
**6**

NOTE:

ATTACH EACH OF THE RISERS WITH 1-1/4" POCKET HOLE SCREWS.  
 MAKE SURE TO ORIENT THE BLACK MELAMINE RISERS WITH THE  
 POCKET HOLES FACING IN.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: WORK SURFACE ASSEM 1

REV	DATE	BY	DESCRIPTION

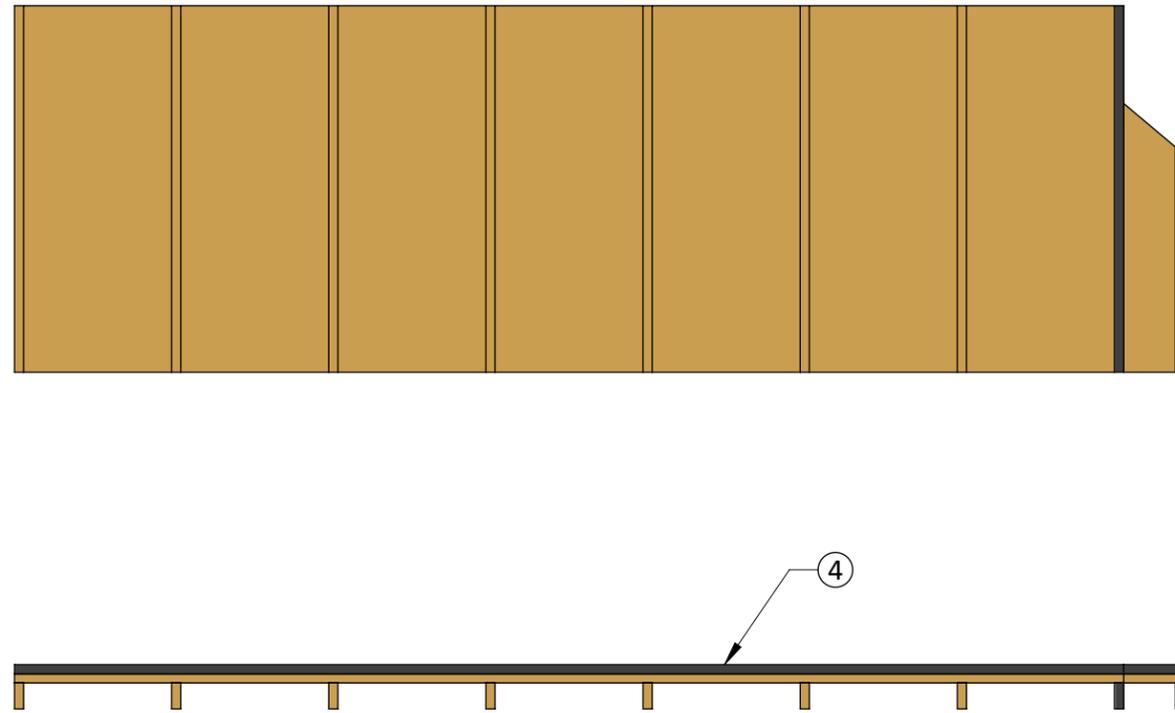
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SHT. NO:

7

NOTE:

SET ASSEMBLY FROM PREVIOUS PAGE ON UNDERSIDE OF MELAMINE WORK SURFACE (ITEM 4) AND CLAMP IN PLACE. PRE-DRILL COUNTERSUNK HOLES SPACED ~8" APART AND 1.5" INSET ALONG PERIMETER. PRE-DRILL COUNTERSUNK HOLES SPACED ~12" APART IN THE REMAIND OF THE WORK SURFACE. SECURE THE TWO LAYERS TOGETHER WITH 1-1/4" DRYWALL SCREWS.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: WORK SURFACE ASSEM 2

REV	DATE	BY	DESCRIPTION

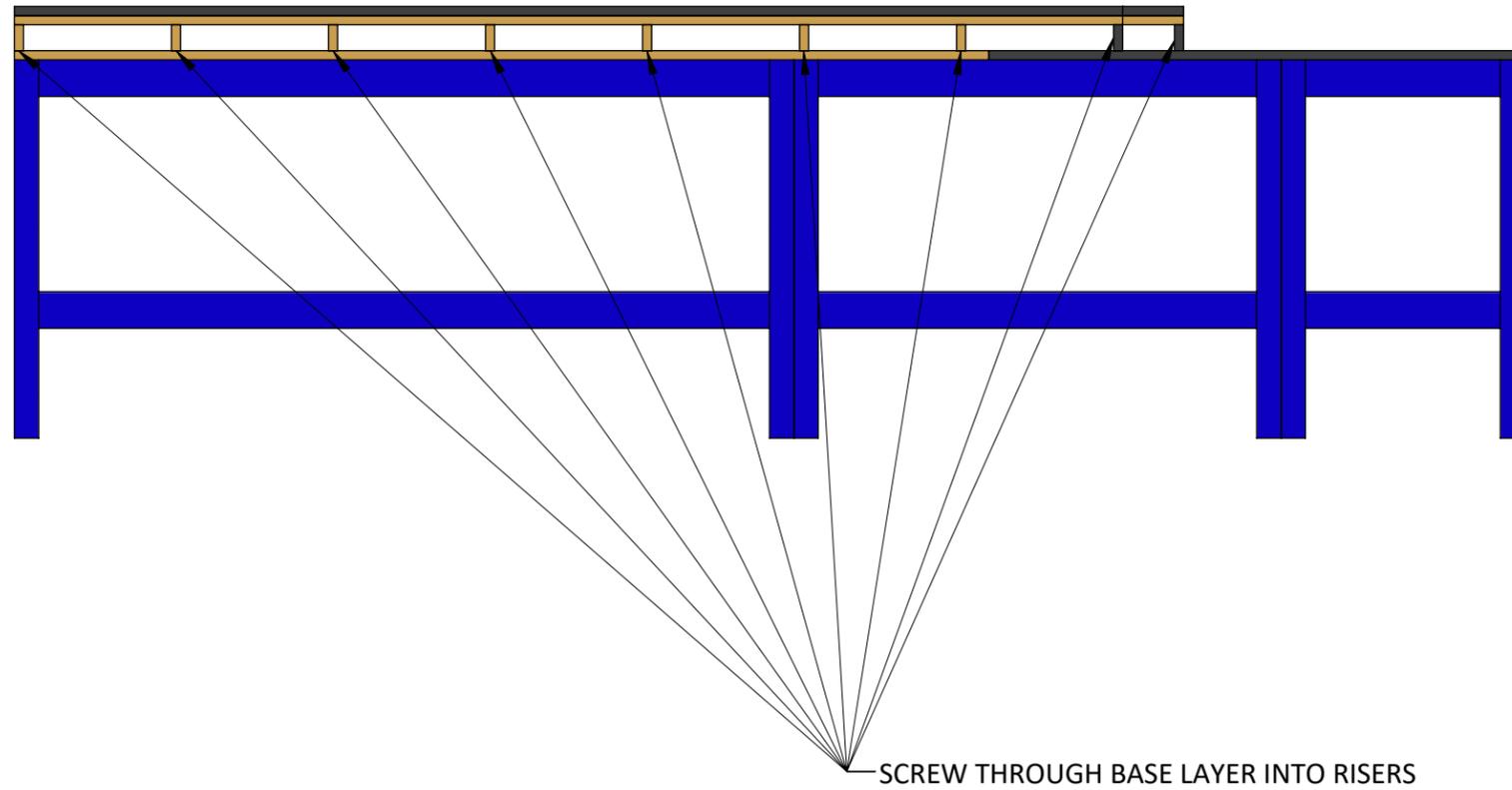
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SHT. NO:

8

NOTE:

SET WORK SURFACE WITH RISER INTO POSITION ON TOP OF BOTTOM LAYER (ITEMS 1 & 2).  
MARK THE CENTER OF EACH RISER ONTO THE UNDERSIDE OF THE BOTTOM LAYER.  
RUN FOUR 2" POCKET HOLE SCREWS INTO EACH RISER THROUGH THE BOTTOM LAYER.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: WORK SURFACE ASSEM 3

REV	DATE	BY	DESCRIPTION

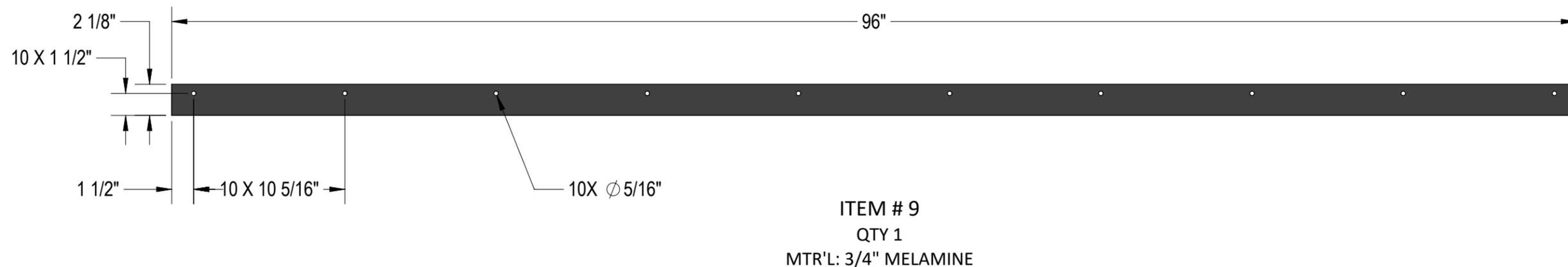
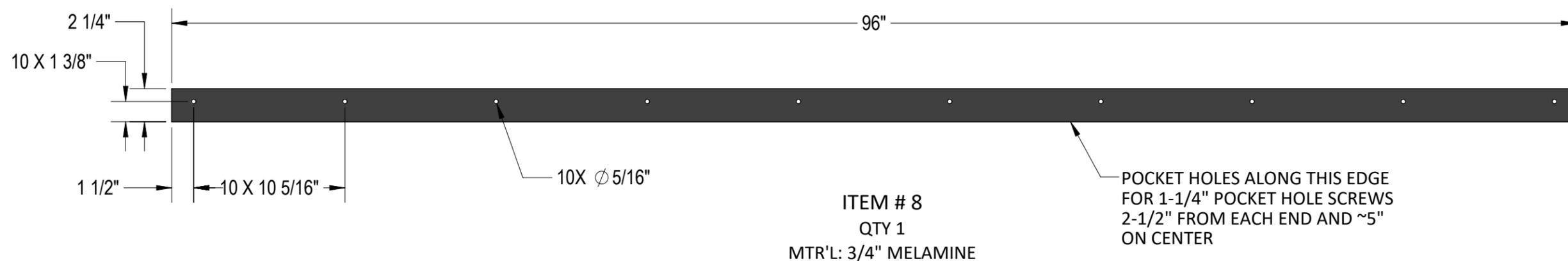
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SHT. NO:

9



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: FENCE SUPPORT PARTS

REV	DATE	BY	DESCRIPTION

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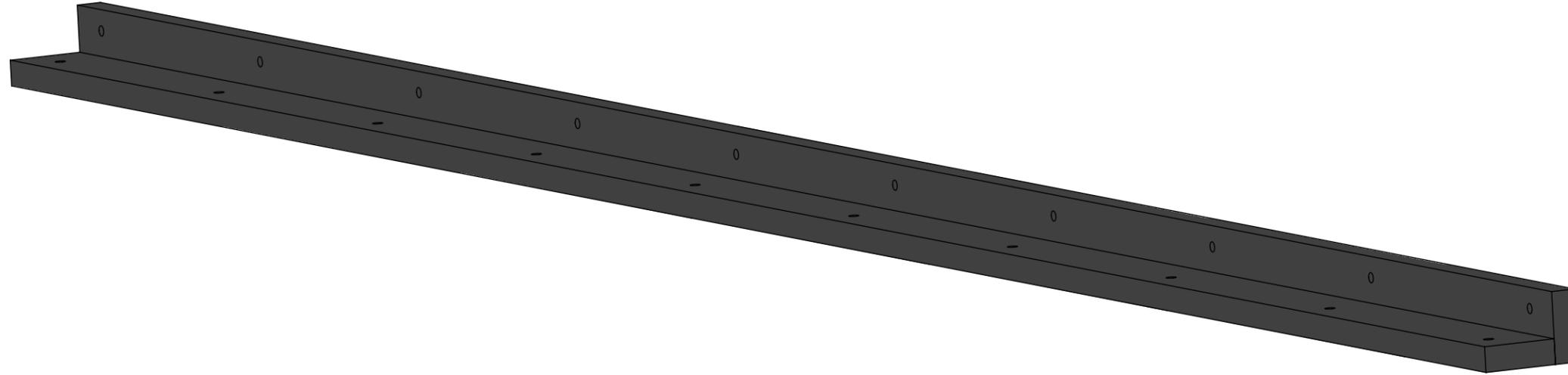
SHT. NO:

10

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**NOTE:**

ATTACH ITEMS 8 & 9 FOR FENCE SUPPORT AS SHOWN.  
POCKET HOLES IN ITEM 8 SHOULD FACE DOWN ONCE FENCE  
SUPPORT IS ASSEMBLED.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: FENCE SUPPORT ASSEM

REV	DATE	BY	DESCRIPTION

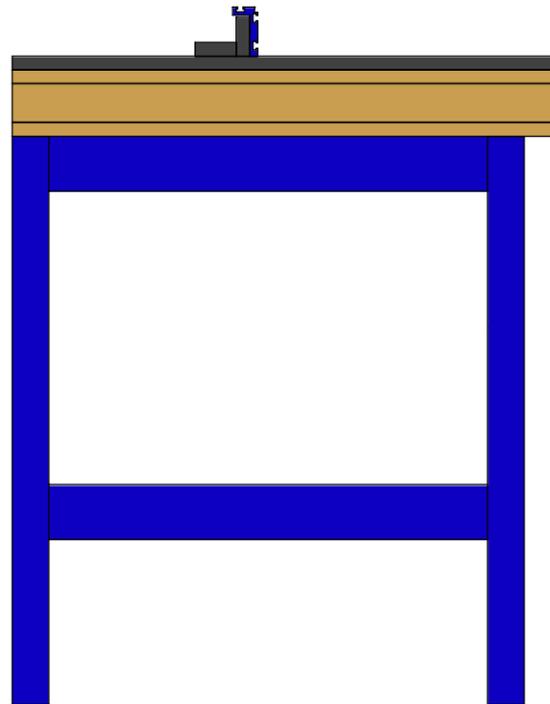
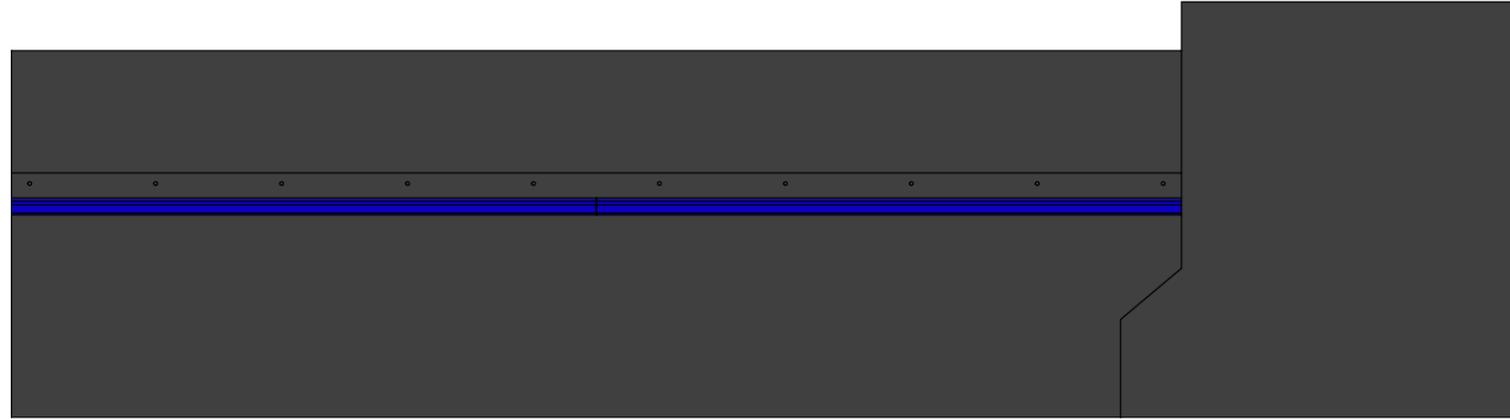
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SHT. NO:

11

**NOTE:**

ALIGN FENCE WHERE DESIRED AND SECURE WITH 1-1/4" POCKET HOLE SCREWS THROUGH ITEM 8 OF FENCE SUPPORT. ATTACH HEAVY DUTY FENCE TO ITEM 9 OF FENCE SUPPORT WITH 1/4-20 BOLTS.



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PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: FENCE INSTALL

REV	DATE	BY	DESCRIPTION

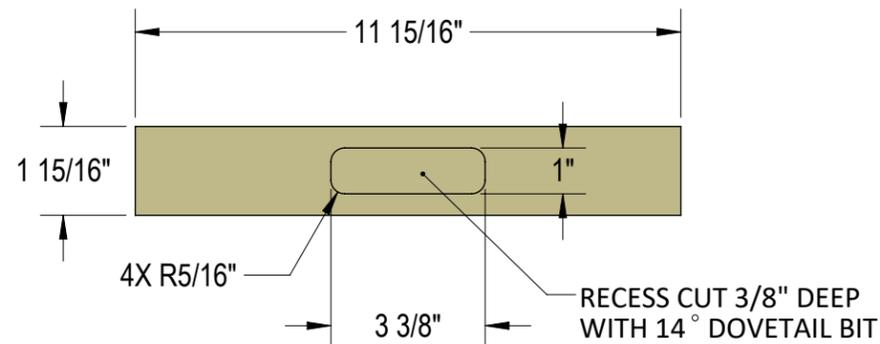
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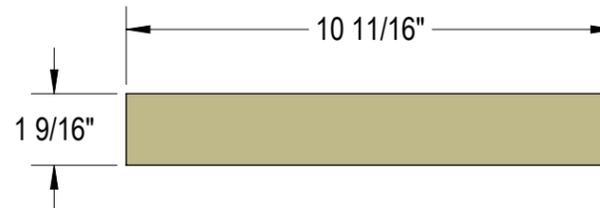
12



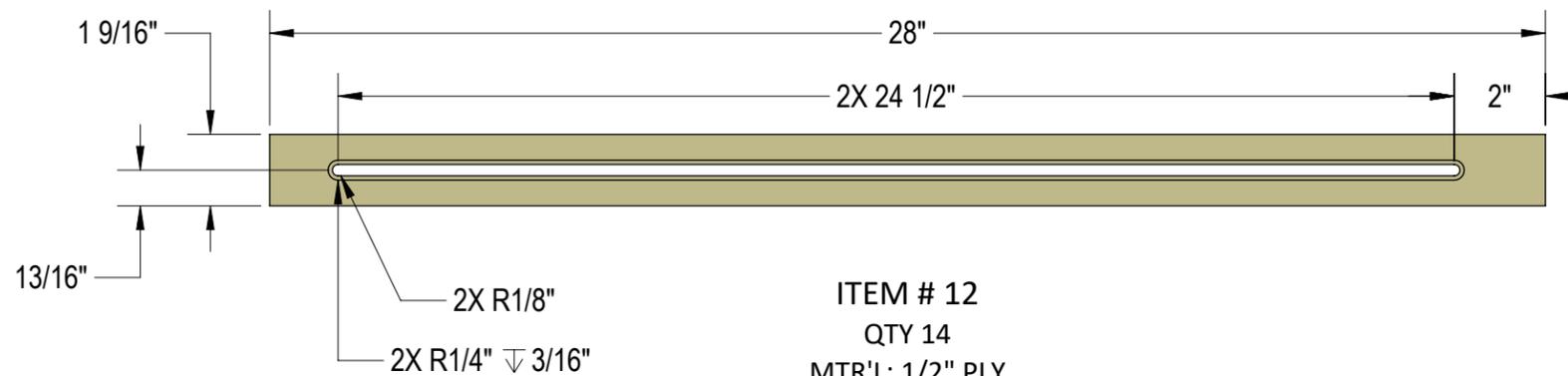
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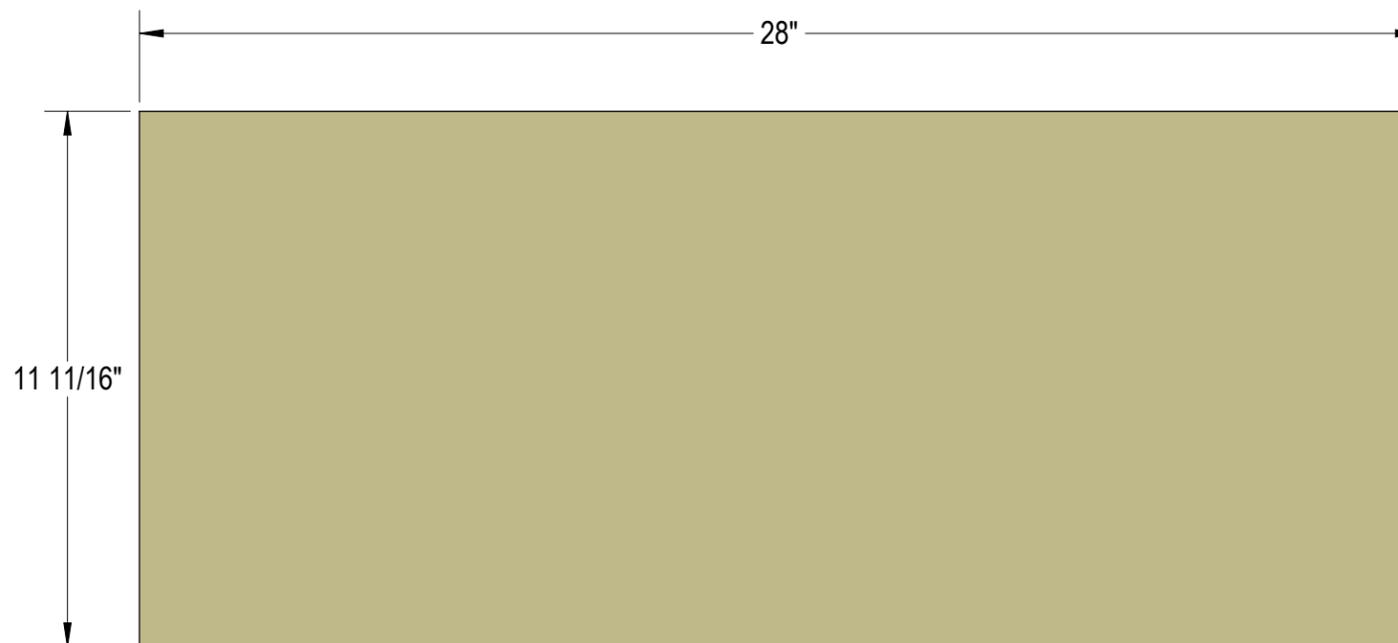
ITEM # 10  
QTY 7  
MTR'L: 1/2" PLY



ITEM # 11  
QTY 14  
MTR'L: 1/2" PLY



ITEM # 12  
QTY 14  
MTR'L: 1/2" PLY



ITEM # 13  
QTY 7  
MTR'L: 1/4" PLY

PROJECT NAME: ULTIMATE MITER SAW BENCH  
DRAWING NAME: STRAIGHT DRAWER BOX PARTS

REV	DATE	BY	DESCRIPTION

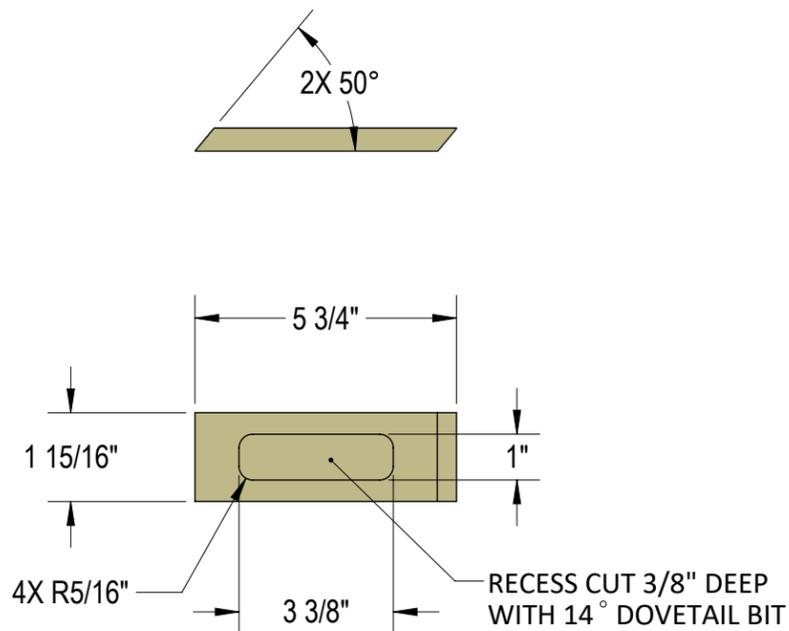
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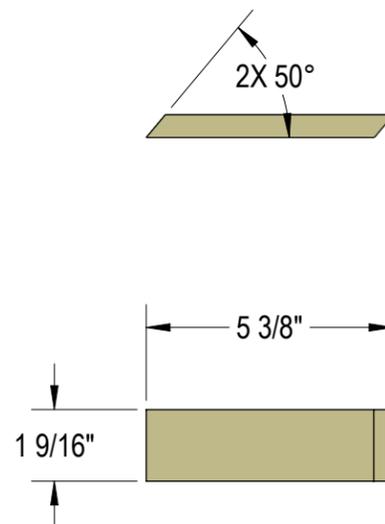
13



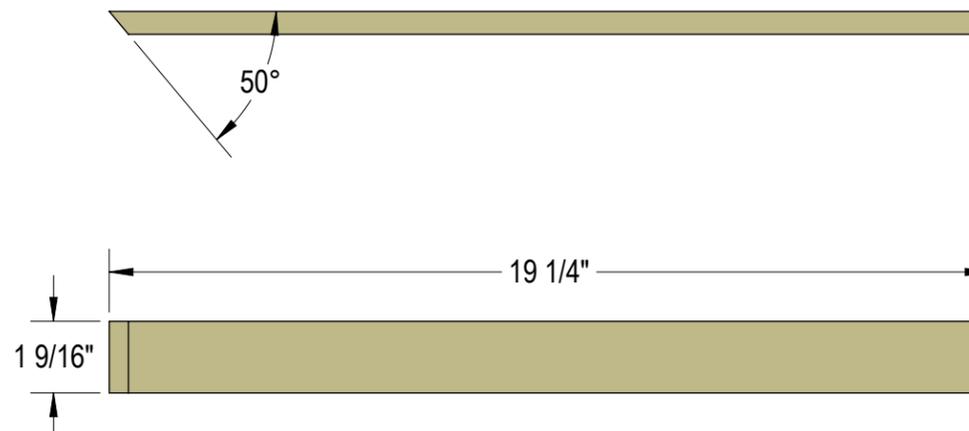
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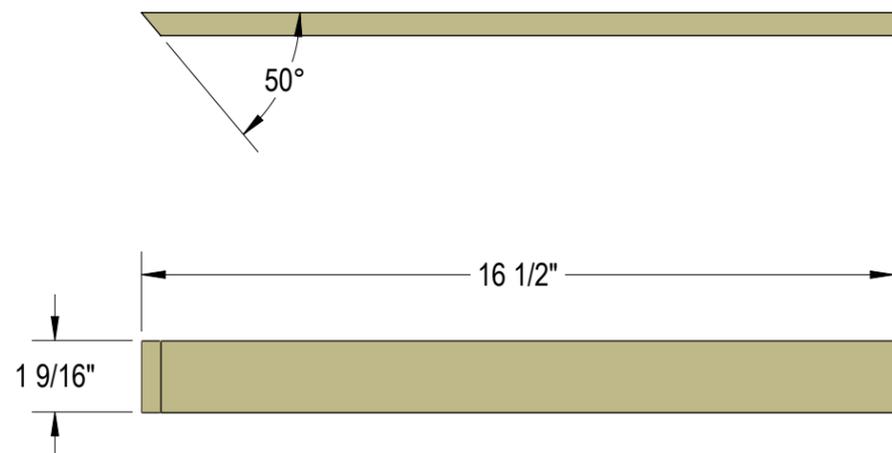
ITEM # 14  
QTY 1  
MTR'L: 1/2" PLY



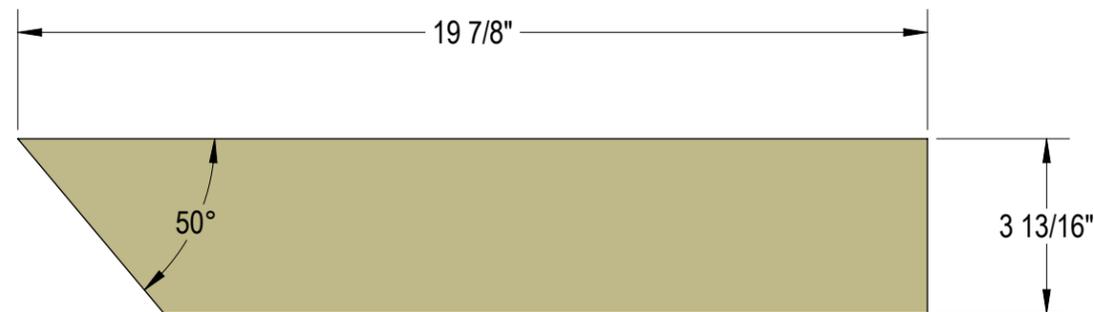
ITEM # 15  
QTY 2  
MTR'L: 1/2" PLY



ITEM # 16  
QTY 1  
MTR'L: 1/2" PLY



ITEM # 17  
QTY 1  
MTR'L: 1/2" PLY



ITEM # 18  
QTY 1  
MTR'L: 1/4" PLY

PROJECT NAME: ULTIMATE MITER SAW BENCH  
DRAWING NAME: ANGLED DRAWER BOX PARTS

REV	DATE	BY	DESCRIPTION

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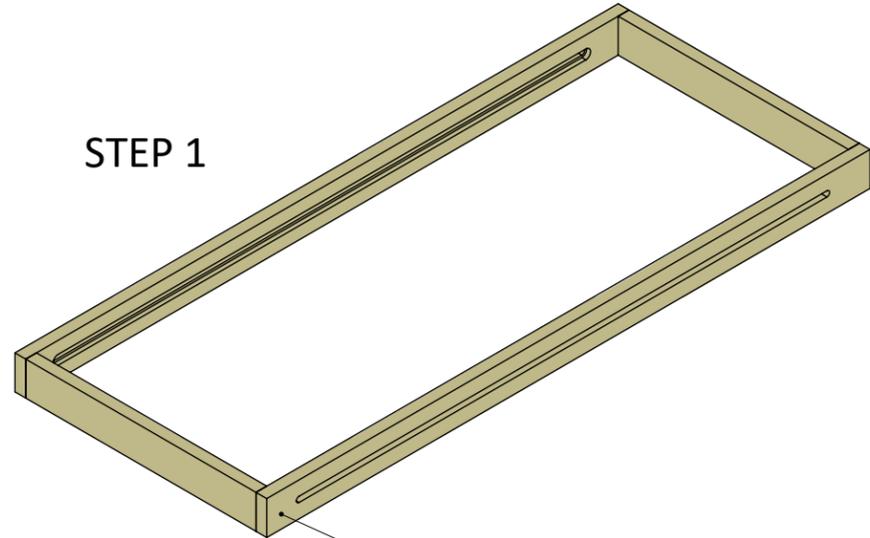
**NOTE:**

DRAWER BOXES ARE ASSEMBLED WITH GLUE AND 1-1/4" 18 Ga BRAD NAILS. STRAIGHT AND ANGLED DRAWER BOXES ARE ASSEMBLED IN THE SAME MANOR. 3/4" SCREWS ARE USED TO SECURE THE DRAWER FRONT TO THE DRAWER BOX.

INSTALL BOXES AS SHOWN IN BUILD VIDEO WITH A 1-1/4" POCKET HOLE SCREW.

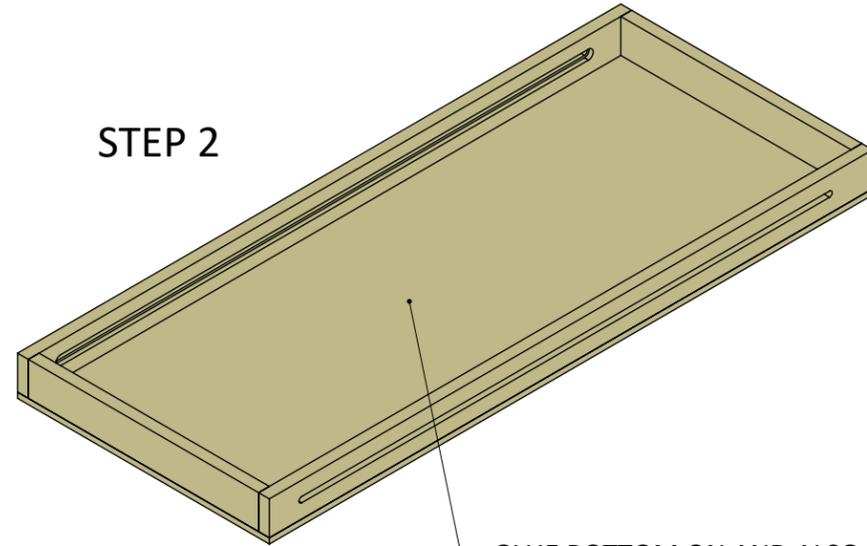


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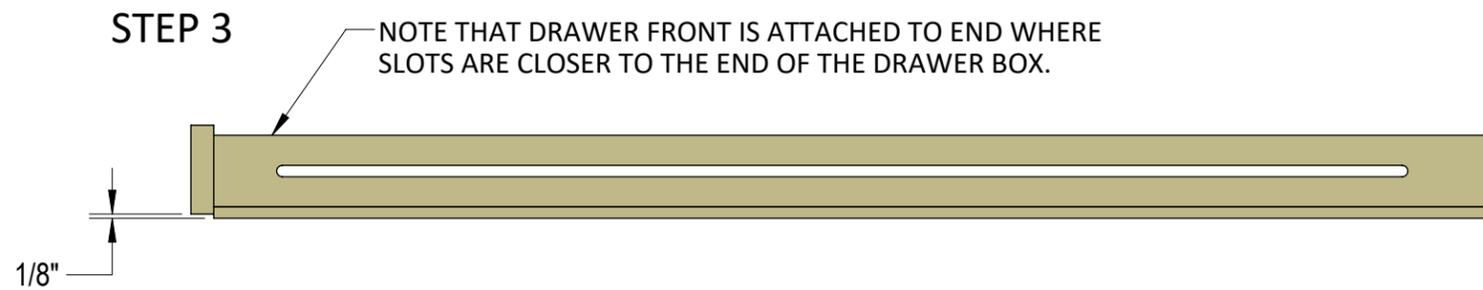
**STEP 1**

GLUE AND SHOOT TWO BRAD NAILS INTO EACH END



**STEP 2**

GLUE BOTTOM ON AND ALSO SECURE WITH BRAD NAILS AROUND BOX



**STEP 3**

NOTE THAT DRAWER FRONT IS ATTACHED TO END WHERE SLOTS ARE CLOSER TO THE END OF THE DRAWER BOX.

1/8"

PROJECT NAME: ULTIMATE MITER SAW BENCH

DRAWING NAME: DRAWER BOX ASSEM

REV	DATE	BY	DESCRIPTION

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