

BILL OF MATERIAL INSTRUCTIONS

In this phase of the competition you will have to look at Sheets 2 and 3.
You will have to calculate some dimensions while others are given.
ALL DIMENSIONS HAVE A $\pm \frac{1}{32}$ " TOLERANCE

CONTESTANT # _____

BILL OF MATERIALS

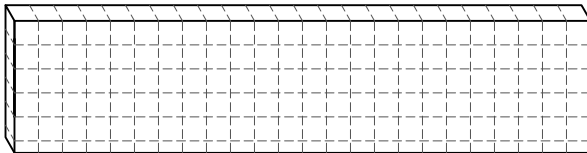
#	QTY	DESCRIPTION	MATERIAL	THICKNESS	WIDTH	LENGTH	NOTES
1	1	SHELF	Solid Stock	$\frac{3}{4}$ "	5 $\frac{1}{2}$ "		Use screws and wood glue to attach shelf rack pieces
2	1	BACK	Solid Stock	$\frac{3}{4}$ "	5 $\frac{1}{2}$ "		Use screws and wood glue to attach shelf rack pieces
3	2	SUPPORTS	Solid Stock	$\frac{3}{4}$ "	3 $\frac{3}{4}$ "		Use screws and wood glue to attach shelf rack pieces

MATERIAL LAYOUT INSTRUCTIONS

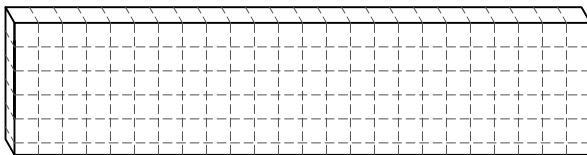
Once you've completed your Bill of Materials, lay out your parts on the corresponding material by drawing lines vertically and horizontally.

Note: Each square is scaled to a 1" square.

PART 1



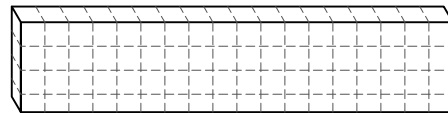
PART 2



—YOU WILL RECEIVE TWO PIECES OF
SOLID STOCK FOR THE SHELF AND BACK
2 @ $\frac{3}{4}$ " x 5- $\frac{1}{2}$ " x 24" $\pm$



—YOU WILL RECEIVE THREE COAT
HOOKS (3)
3 @ 2- $\frac{1}{4}$ " x 1- $\frac{1}{4}$ " x 3"



PART 3

—YOU WILL RECEIVE ONE PIECE OF
SOLID STOCK FOR THE SUPPORTS (2)
1 @ $\frac{3}{4}$ " x 3- $\frac{3}{4}$ " x 18" $\pm$

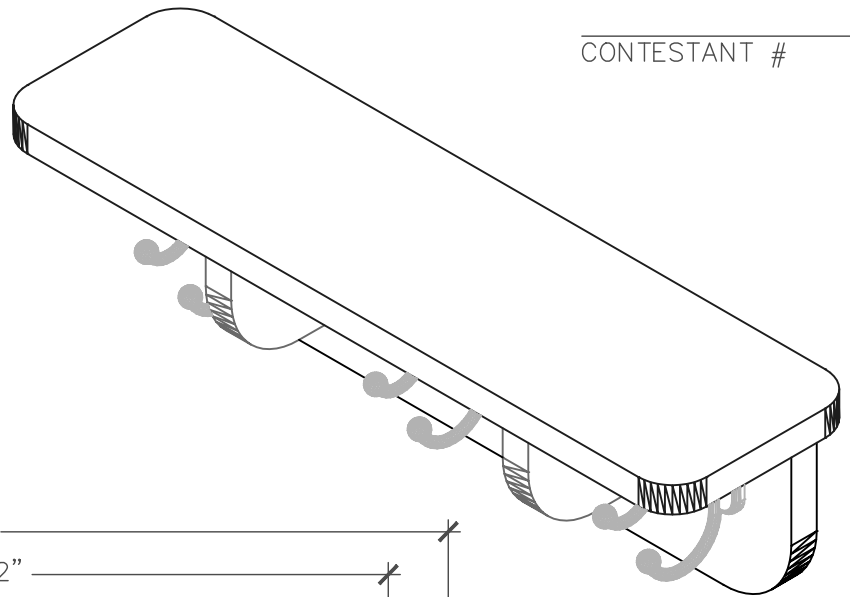
NOTES: _____

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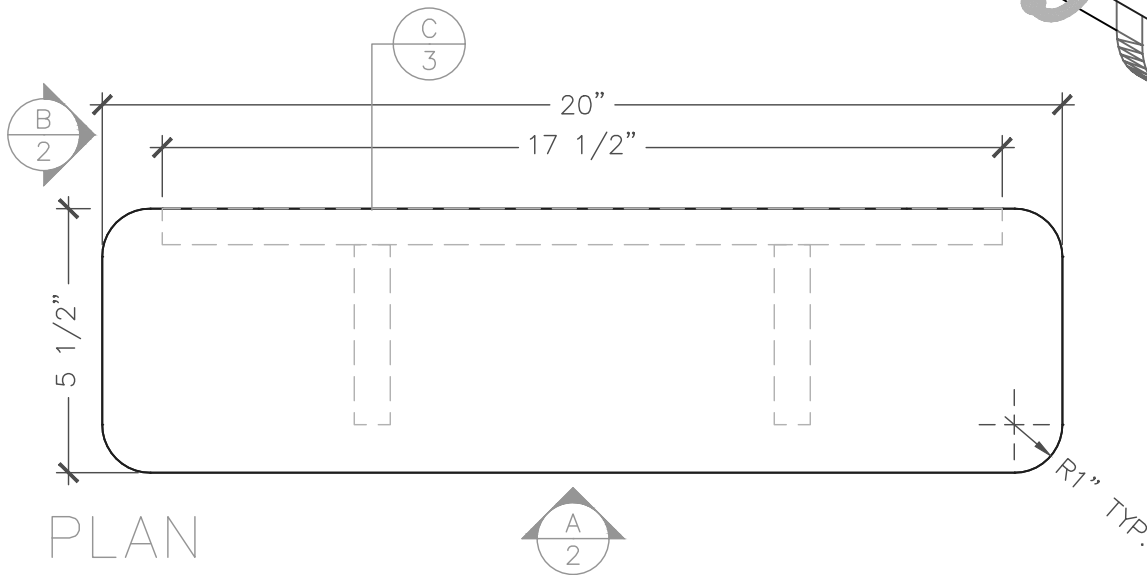
INTRO WOODWORKING
BILL OF MATERIALS
AND MATERIAL LAYOUT

DATE:	2022	JOB #:	IW
DRAWN BY:	AK	SCALE:	NTS
DWG. NO.	1		

CONTESTANT # _____

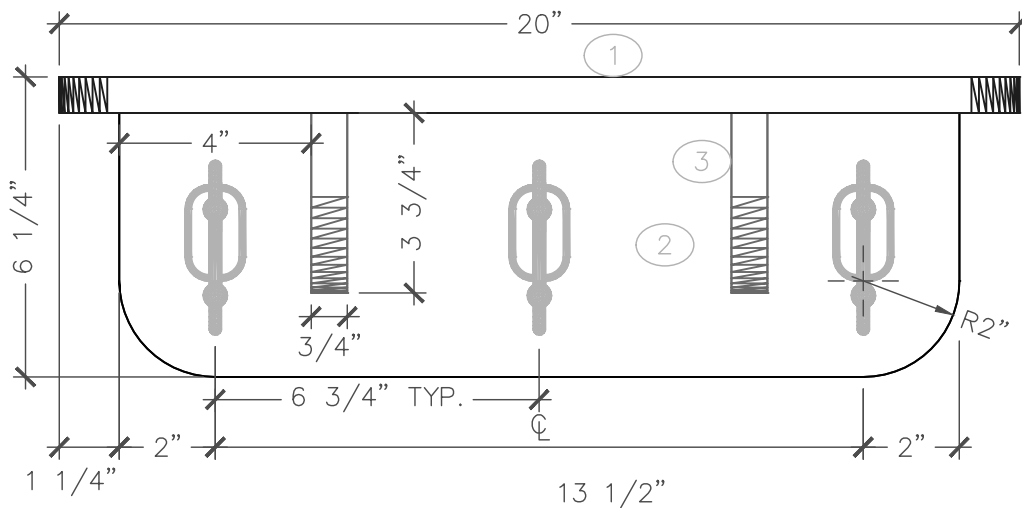


ISOMETRIC

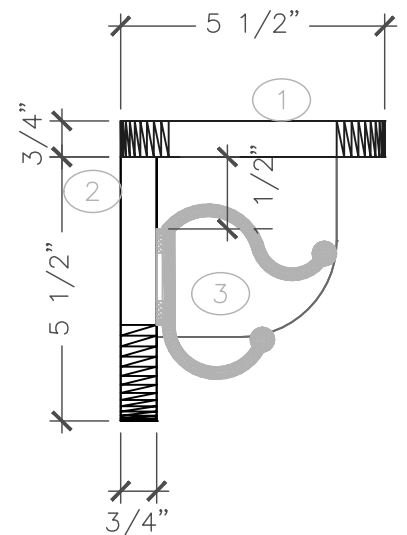


PLAN

SCALE: 3"=1'-0"



A ELEVATION
SCALE: 3"=1'-0"



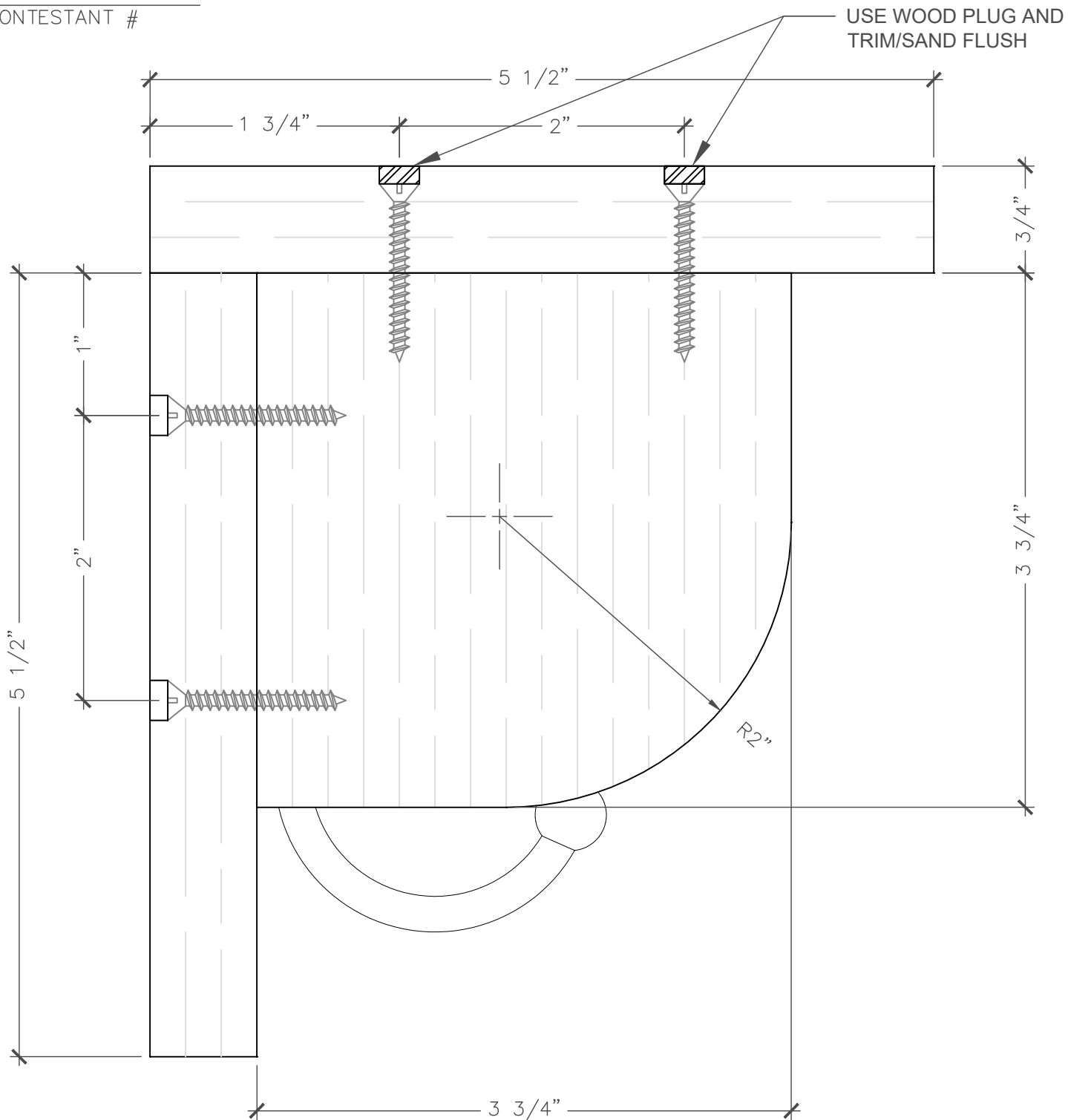
B ELEVATION
SCALE: 3"=1'-0"

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INTRO WOODWORKING
SHELF RACK
DETAILS

DATE:	2022	JOB #:	IW
DRAWN BY:	AK	SCALE:	NTS
DWG. NO.	2		

CONTESTANT # _____



VERT SECTION

SCALE: FULL

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INTRO WOODWORKING
SHELF RACK
VERTICAL SECTION

DATE:	2022	JOB #:	IW
DRAWN BY:	AK	SCALE:	NTS
DWG. NO.	3		

SkillsUSA 2022 Regional Intro to Wood Material 20 Contestants

#2 Commom — $\frac{3}{4}$ " PINE — 16'

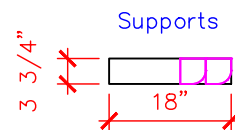
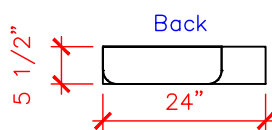
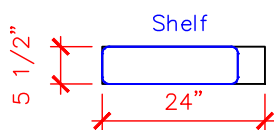
Shelf							
Back							

Supports

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Solid Stock
6+ Planks #2 Common Pine —
 $\frac{3}{4}$ " X 11 $\frac{1}{2}$ " X 16'



20 PCS EA.

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INTRO WOODWORKING
CONTEST
MATERIALS

DATE: 2022	JOB #: IW
DRAWN BY: AK	SCALE: NTS
DWG. NO. COORD	