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		DIMENSIONS ARE IN INCHES	DRAWN	AG	AUG 30/18		
		TOLERANCES: FRACTIONAL ± 1/32" ANGULAR: ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	CHECKED				
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.				
		MATERIAL BOREAL FOREST PINE / SPRUCE	MFG APPR.			TITLE: MORTISE AND TENON DOOR ASSY DETAIL	
		FINISH SAND TO 180 GRIT READY FOR PAINT		Q.A.		SIZE DWG. NO. REV	
NEXT ASSY	USED ON			Art Gzebowski Machine Draftsman Engineering Designer T 204 396 2211 arthuriski@gmail.com 3D CAD MODELING BY ART user of Solidworks www.3dmodelingbyart.com		A AG000500_ASM	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:20	SHEET 1 OF 11

2

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B

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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A000118-S	2-1/4" X 4-1/2" X 69" DOOR STILE	2
2	A000121-S	2-1/4" X 3" X 69" CENTER PANEL BOARDS	9
3	A000122-S	5/8" X 5/8" X 6-1/2" TOP RAIL LONG TENON	3
4	A000123-S	5/8" X 5/8" X 3" TOP RAIL SHORT TENON	8
5	A000119-S	2-1/4" X 5" X 36" TOP RAIL	1
6	A000124-S	5/8" X 5/8" X 36" PANEL BOARDS TENON	4
7	A000120-S	2-1/4" X 6" X 36" X BOTTOM RAIL	1
8	A000125-S	5/8" X 5/8" X 8" BOTTOM RAIL LONG TENON	3
9	A000126-S	5/8" X 5/8" X 3-1/2" BOTTOM RAIL SHORT TENON	8

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DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ±
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

NAME	DATE
DRAWN AG	AUG 30/18
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	

Art Gzebowski
 Machine Draftsman Engineering Designer
 T 204.396.2211
 arthuriski@gmail.com
3D CAD MODELING BY ART
 user of Solidworks

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TITLE:
**MORTISE & TENON DOOR ASSY.
 DRAWING BILL OF MATERIALS**

SIZE	DWG. NO.	REV
A	AG000500_ASM	

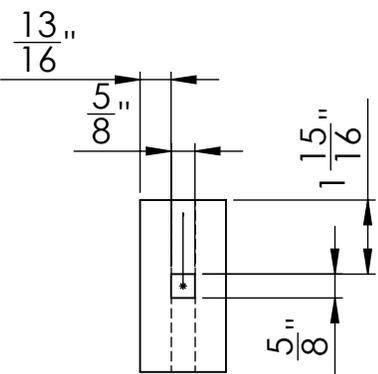
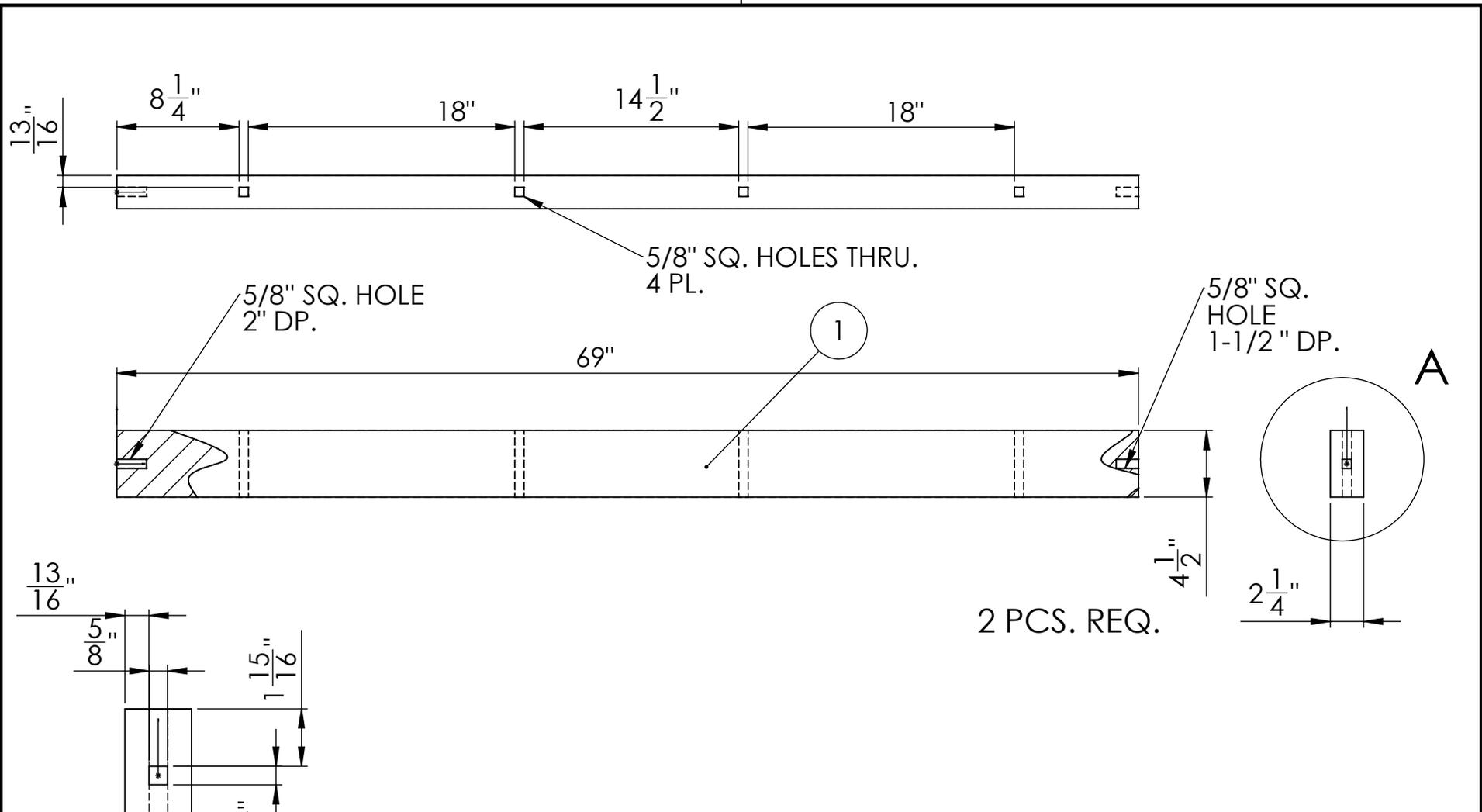
SCALE: 1:20 SHEET 2 OF 11

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NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING
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DETAIL A
SCALE 1 : 5

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		FRACTIONAL ± 1/32"	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		BOREAL FOREST PINE/SPRUCE			
NEXT ASSY	USED ON	FINISH			
		SAND TO 180 GRIT			
APPLICATION		DO NOT SCALE DRAWING			

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TITLE:
MORTISE & TENON DOOR STILES

SIZE	DWG. NO.	REV
A	A000118-S	

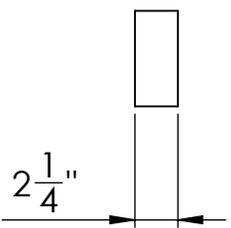
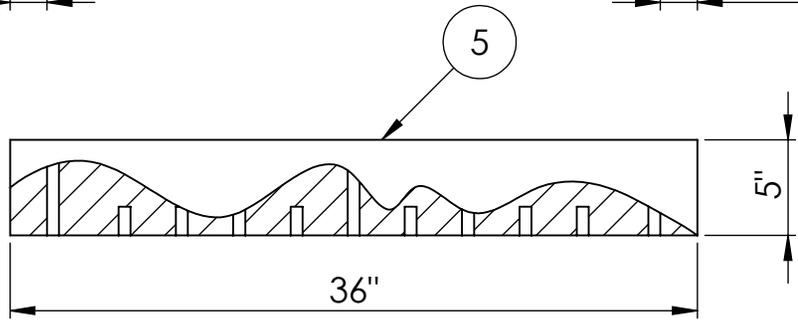
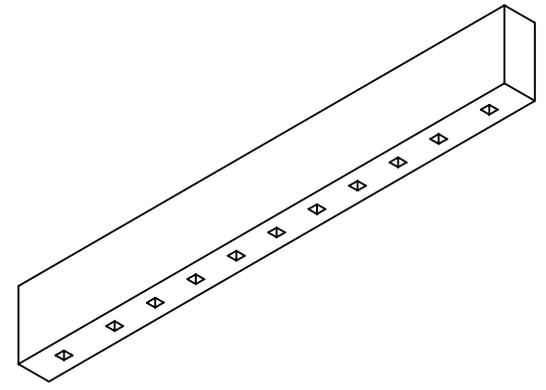
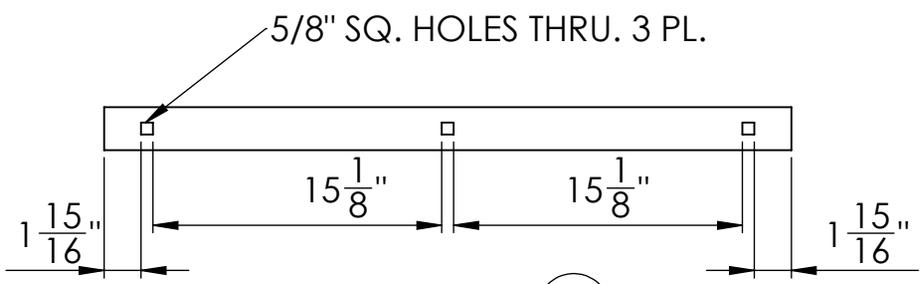
SCALE: 1:10

SHEET 3 OF 11

2 1

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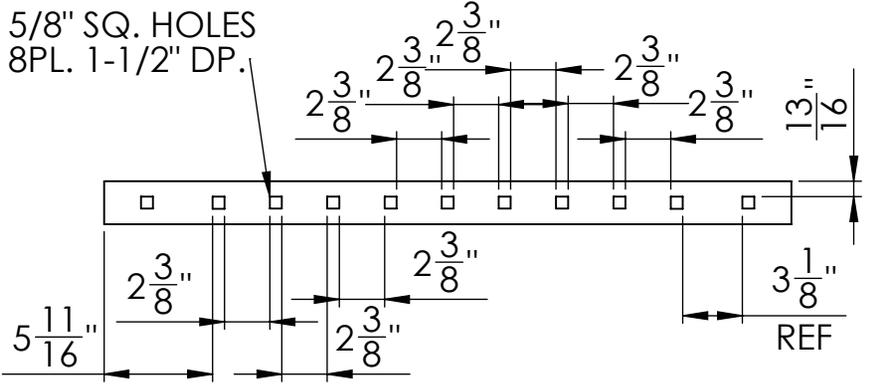
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1 PCS REQ.

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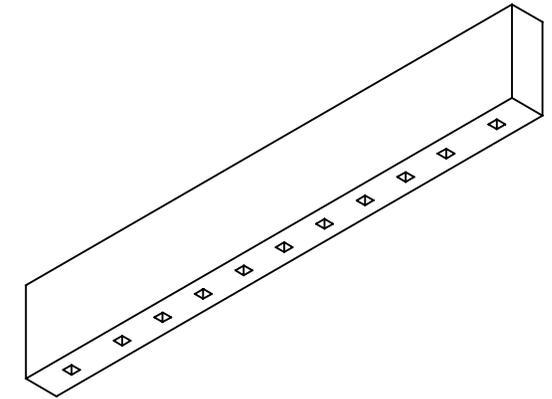
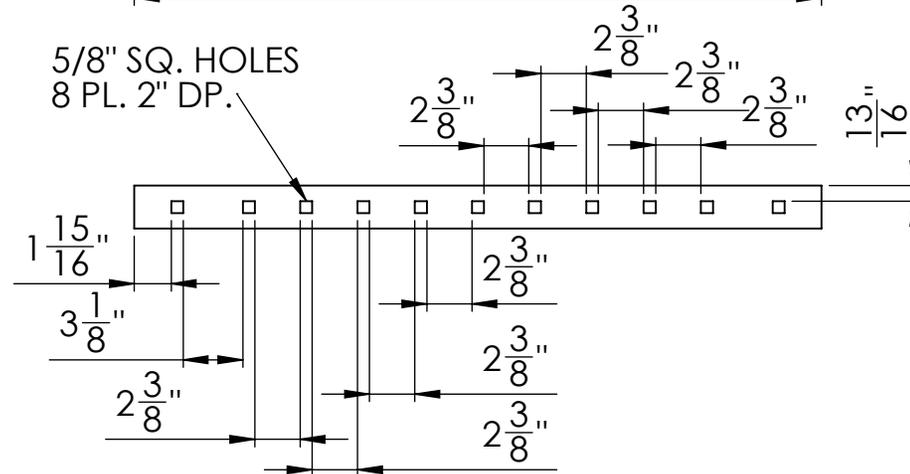
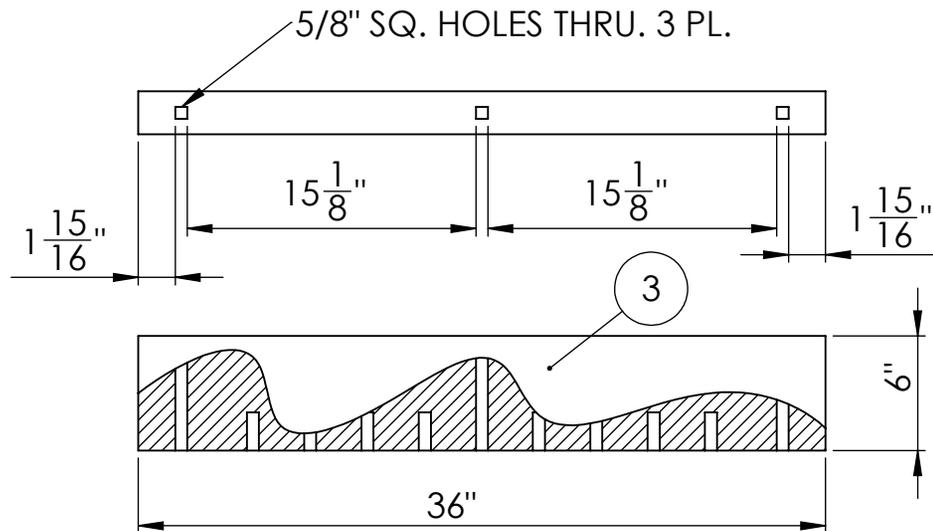
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		TOLERANCES:	CHECKED		
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		ANGULAR: MACH \pm BEND \pm	MFG APPR.		
		TWO PLACE DECIMAL \pm	Q.A.		
		THREE PLACE DECIMAL \pm	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		BOREAL FOREST PINE / SPRUCE			
		FINISH			
		SAND TO 180 GRIT			
	NEXT ASSY	USED ON			
	APPLICATION		DO NOT SCALE DRAWING		

TITLE: MORTISE & TENON DOOR TOP RAIL		
SIZE	DWG. NO.	REV
A	A000119-S	
SCALE: 1:10	WEIGHT:	SHEET 4 OF 11

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1 PCS. REQ.

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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/32" ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	AG	AUG 20/18	TITLE: MORTISE & TENON DOOR BOTTOM RAIL / KICK PLATE
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED			SIZE DWG. NO. REV A A000120-S
		MATERIAL BOREAL FOREST PINE / SPRUCE	ENG APPR.			
	NEXT ASSY	FINISH SAND TO 180 GRIT	MFG APPR.			SCALE: 1:10 WEIGHT: SHEET 5 OF 11
	APPLICATION	DO NOT SCALE DRAWING	Q.A.			
			COMMENTS:			

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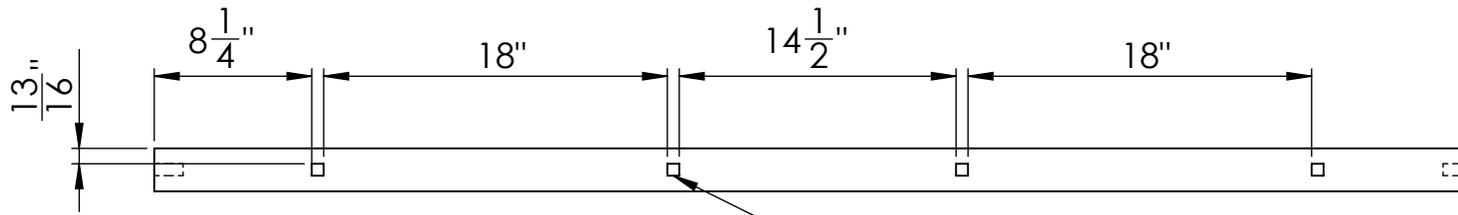
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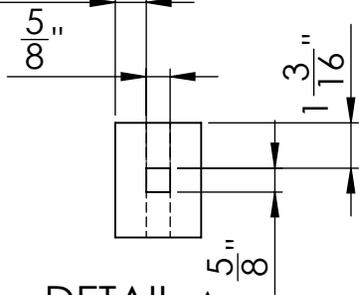
5/8" SQ. HOLES THRU.
4 PL.

5/8" SQ. HOLE
2" DP.

5/8" SQ. HOLE
1-1/2" DP.

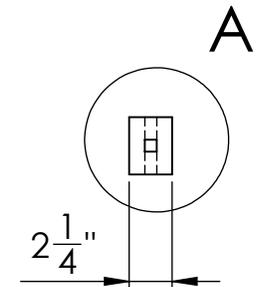
69"

13 1/16"



DETAIL A

SCALE 1 : 5



9 PCS. REQ.

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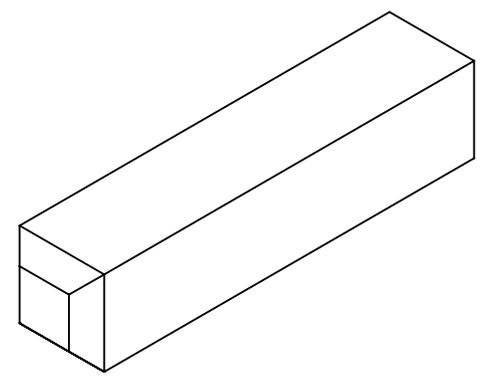
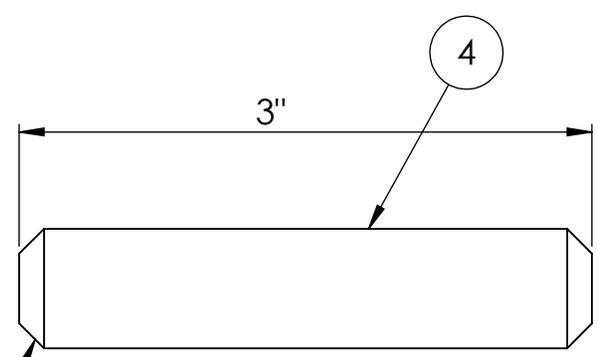
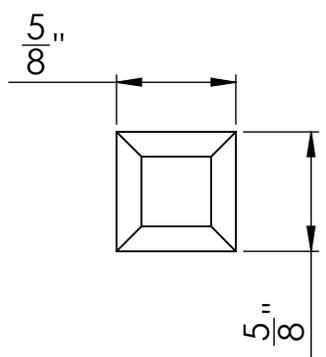
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		DIMENSIONS ARE IN INCHES	DRAWN	AG	AUG 20/18	TITLE: MORTISE & TENON DOOR CENTER PANEL BOARDS	
		TOLERANCES: FRACTIONAL ± 1/32"	CHECKED			SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±	ENG APPR.			A A000121-S	
		TWO PLACE DECIMAL ±	MFG APPR.			SCALE: 1:10 WEIGHT: SHEET 6 OF 11	
		THREE PLACE DECIMAL ±	Q.A.				
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:				
		MATERIAL BOREAL FOREST PINE / SPRUCE					
	NEXT ASSY	USED ON					
		FINISH SAND TO 180 GRIT					
	APPLICATION		DO NOT SCALE DRAWING				

2 1

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CHAM BOTH ENDS
1/8" X 1/8"

8 PCS.REQ.

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		TOLERANCES:	CHECKED		
		FRACTIONAL +0 -1/32"	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL BOREAL FOREST PINE / SPRUCE			
NEXT ASSY	USED ON	FINISH SAW CUT			
APPLICATION		DO NOT SCALE DRAWING			

BOKE design a division of Boke Inc.

TITLE:
MORTISE & TENON DOOR BOTTOM RAIL
SHORT TENON

SIZE	DWG. NO.	REV
A	A000123-S	
SCALE: 1:1	WEIGHT:	SHEET 8 OF 11

2

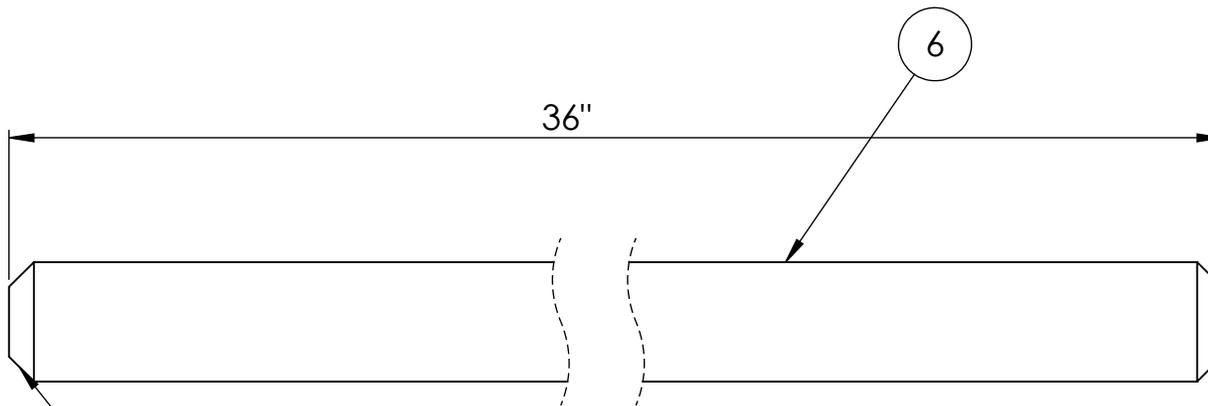
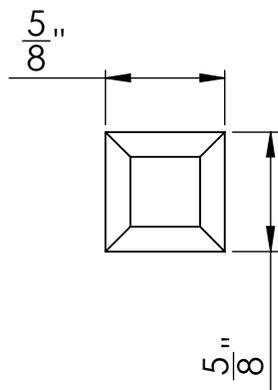
1

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CHAM BOTH ENDS
1/8" X 1/8"

4 PCS. REQ.

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		DIMENSIONS ARE IN INCHES	DRAWN	AG	AUG 21/18	TITLE: MORTISE & TENON DOOR PANEL BOARDS TENON	
		TOLERANCES: FRACTIONAL +0 -1/32"	CHECKED				
		ANGULAR: MACH ± BEND ±	ENG APPR.				
		TWO PLACE DECIMAL ±	MFG APPR.				
		THREE PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV A A000124-S	
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:				
		MATERIAL BOREAL FOREST PINE / SPRUCE					
	NEXT ASSY	USED ON	FINISH SAW CUT			SCALE: 1:1	WEIGHT:
	APPLICATION		DO NOT SCALE DRAWING			SHEET 9 OF 11	

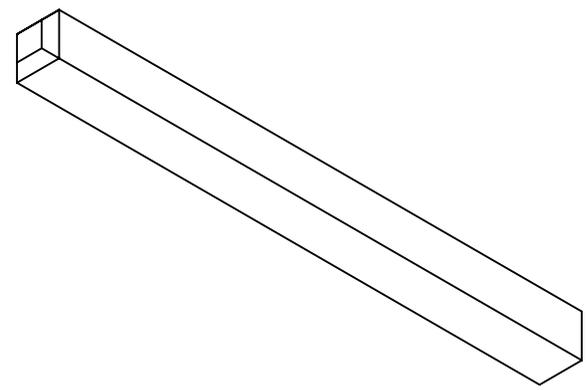
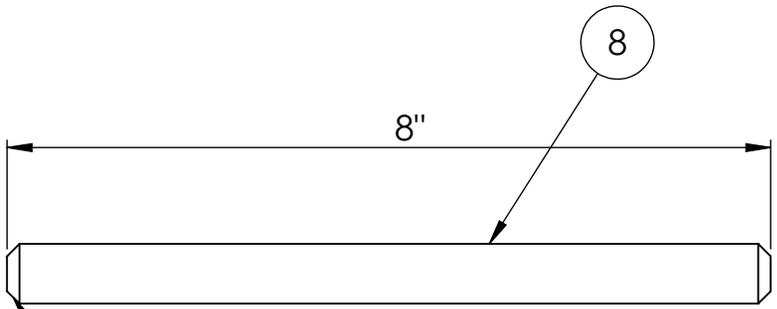
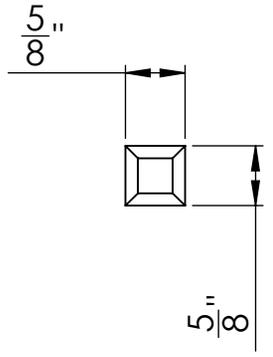
2

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2 1

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CHAM BOTH ENDS
1/8" X 1/8"

3 PCS.REQ.

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UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL +0 -1/32"
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL
BOREAL FOREST PINE / SPRUCE

FINISH
SAW CUT

NAME DATE

DRAWN AG AUG 21/18

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

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TITLE:
MORTISE & TENON DOOR
BOTTOM RAIL LONG TENON

SIZE	DWG. NO.	REV
A	A000125-S	

SCALE: 1:2	WEIGHT:	SHEET 10 OF 11
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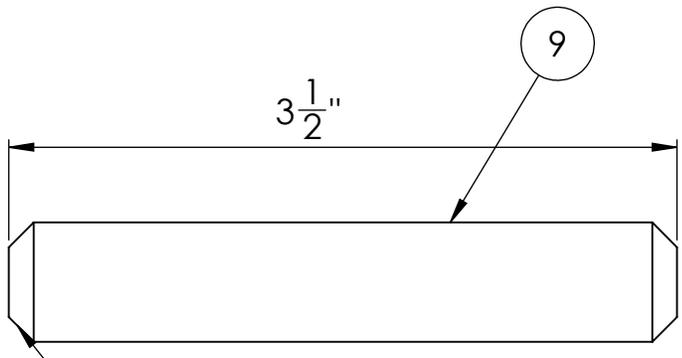
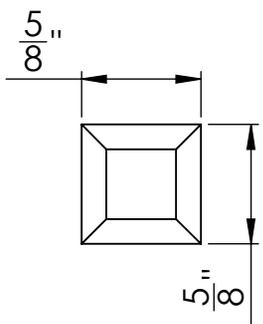
NEXT ASSY	USED ON	
APPLICATION		DO NOT SCALE DRAWING

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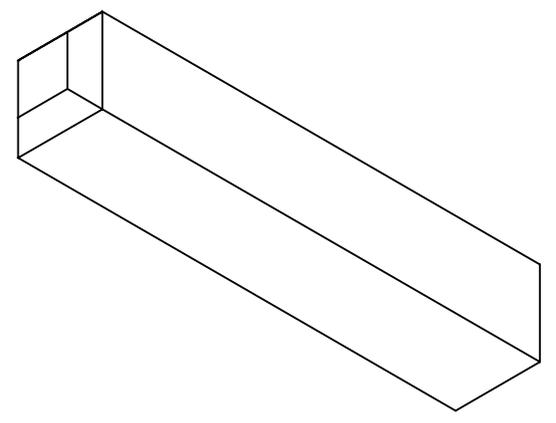
2 1

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CHAM. BOTH ENDS
1/8" X 1/8"



8 PCS. REQ.

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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL +0 -1/32" ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	AG	AUG 21/18			
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
			MATERIAL BOREAL FOREST PINE / SPRUCE	ENG APPR.					
			FINISH SAW CUT	MFG APPR.					
	NEXT ASSY	USED ON		Q.A.			SIZE	DWG. NO.	REV
	APPLICATION		DO NOT SCALE DRAWING	COMMENTS:			A	A000126-S	
							SCALE: 1:1	WEIGHT:	SHEET 11 OF 11

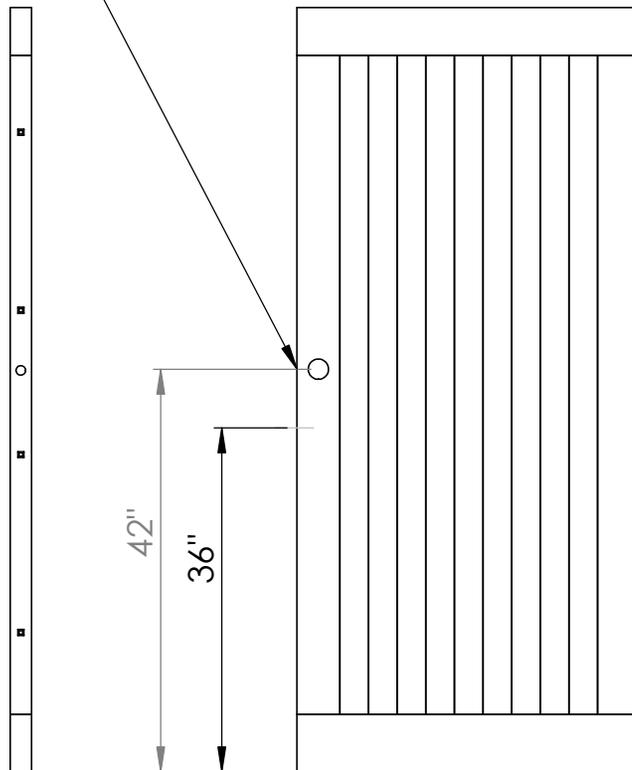
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DOOR HANDLE AND DEADBOLT HEIGHT LOCATION



USE JIG FOR SOSS
 INVISIBLE
 HINGE MODEL 218 4
 HINGES
 USED CENTER OF HINGE
 IS 6" FROM TOP OR
 BOTTOM
 OF DOOR 2 HINGES
 EQUALITY
 SPACED BETWEEN TOP
 AND BOTTOM

SECONDARY HINGE
 SPECIFICATION
 COMMERCIAL GRADE
 SELF CLOSING
 INDICATIVE CRL 4" X 4"
 DULL NICKEL
 HEAVY DUTY SPRING
 HINGE FINISH
 SHOULD MATCH LATCH

OPTIONS
 PEEPHOLE
 DOOR KNOCKER
 WOOD ROSETTE
 ROUTER INCISED DESIGN
 WOOD OR STONE INLAY

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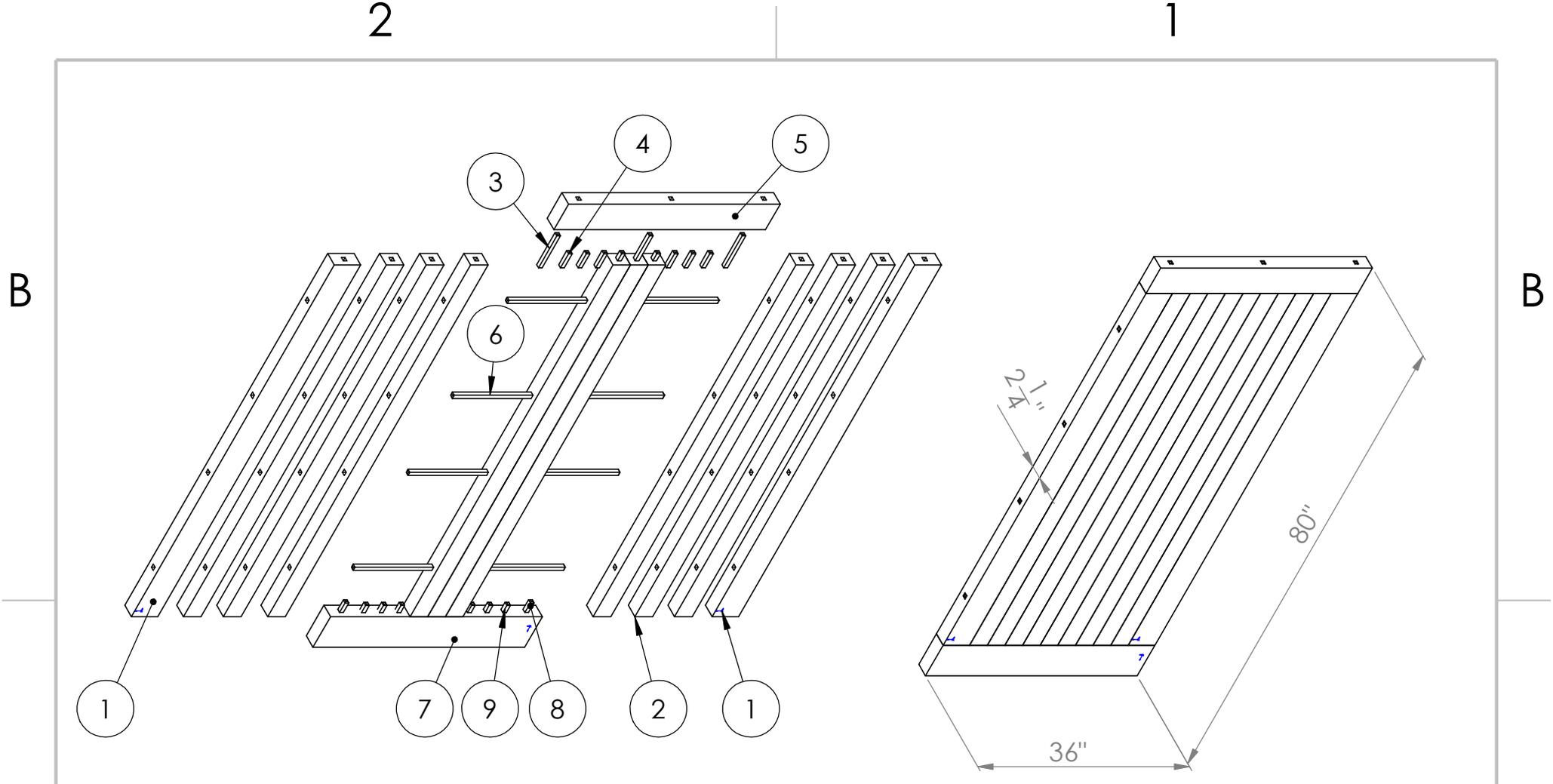
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		TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	CHECKED			
		INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.			
		MATERIAL	MFG APPR.			
		FINISH	Q.A.			
NEXT ASSY	USED ON		Art Gzebowski Machine Draftsman Engineering Designer T 204 396 2211 arthurisk@gmail.com 3D CAD MODELING BY ART user of Solidworks www.3dmodelingbyart.com		TITLE: MORTISE AND TENON DOOR HINGE, DEADBOLT, AND DOOR KNOB LOCATION	
APPLICATION		DO NOT SCALE DRAWING	SIZE	DWG. NO.	REV	
			A	AG000500DB_ASM		
			SCALE: 1:20	SHEET 11A OF 11		

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		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±			
		INTERPRET GEOMETRIC TOLERANCING PER:	Art Gzebowski Machine Draftsman Engineering Designer <small>Certified</small> T 204 396 2211 arthuriski@gmail.com 3D CAD MODELING BY ART user of Solidworks <small>www.3dmodelingbyart.com</small>		
		MATERIAL	SIZE	DWG. NO.	REV
NEXT ASSY	USED ON	FINISH	A	AG000500-SX_ASM	
APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 11B OF 11	

BOKE design a division of Boke Inc.

TITLE:
MORTISE AND TENON DOOR ASSY. EXPLODED VIEW

SIZE **A** DWG. NO. AG000500-SX_ASM REV

SCALE: 1:20 SHEET 11B OF 11

2

1