

Folding Stool Project

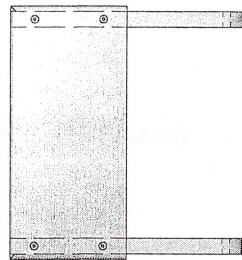
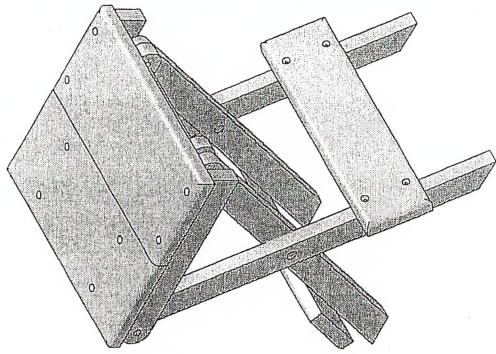
<u>Description</u>	<u>Points Possible</u>	<u>Points Earned</u>
1. Required Drawing – BOM/POP	20	_____
2. Part Accuracy	20	_____
3. Construction (stool)	20	_____
4. Sanding	20	_____
5. Finish (All Over)	20	_____
	Total	_____
	100	

Requirements:

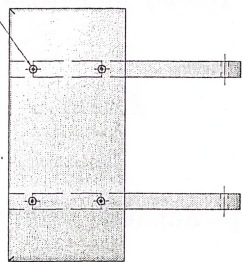
- Drawing of stool pieces.
- BOM / POP

Comments:

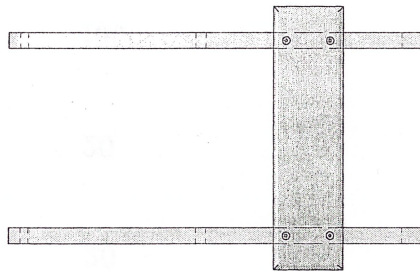
All Part Thickness .75"



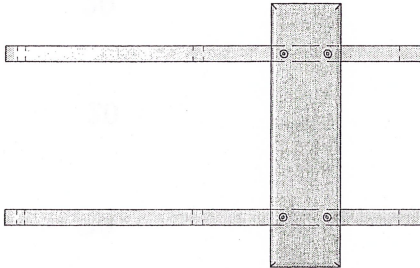
OUTSIDE SEAT ASSEMBLY
SCALE .35:1



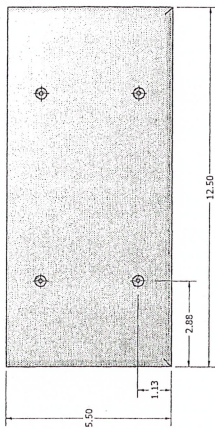
INSIDE SEAT ASSEMBLY
SCALE .35:1



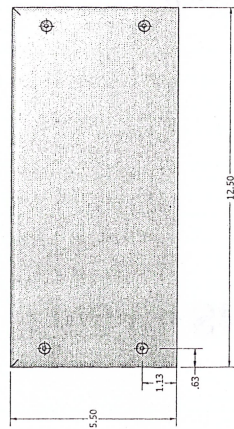
OUTSIDE LEG ASSEMBLY
SCALE .35:1



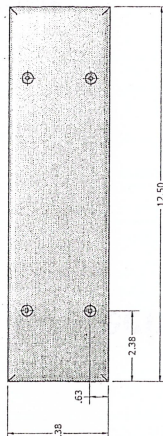
INSIDE LEG ASSEMBLY
SCALE .35:1



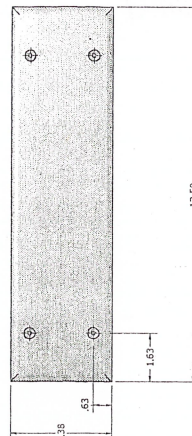
INSIDE SEAT
SCALE .5



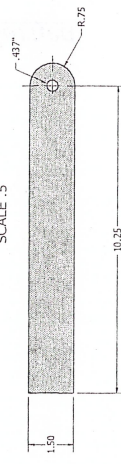
OUTSIDE SEAT
SCALE .5



INSIDE LEG SUPPORT
SCALE .5



OUTSIDE LEG SUPPORT
SCALE .5



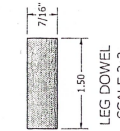
SEAT SUPPORT
SCALE .5



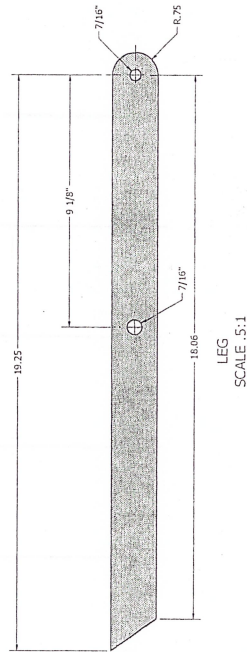
LONG DOWEL
SCALE 1.5:2



SMALL DOWEL
SCALE 2:2



LEG DOWEL
SCALE 2:2



LEG
SCALE .5:1

DATE	11/27/2011	TITLE	
DRAWN	DAVID	SCALE	
CHECKED	NA	SIZE	D
APPROVED		PROJECT	STOOL SHEET
		REV	

Bill of Material

Name _____ *Project* _____ *Hour* _____

Qty	Description	Rough Dimensions			Finish Dimensions			Kind Of Wood	Bd. Ft.	Cost
		T	W	L	T	W	L			

Formulas for Calculating Board Feet

1. If the length is in feet:

$$\text{Bd. Ft.} = \frac{\text{Qty.} \times T'' \text{ (thickness)} \times W'' \text{ (width)} \times L' \text{ (length)}}{12}$$

2. If the length is in inches:

$$\text{Bd. Ft.} = \frac{\text{Qty.} \times T'' \text{ (thickness)} \times W'' \text{ (width)} \times L'' \text{ (length)}}{144}$$