

VICTORIAN

Scrollsaw Music Boxes



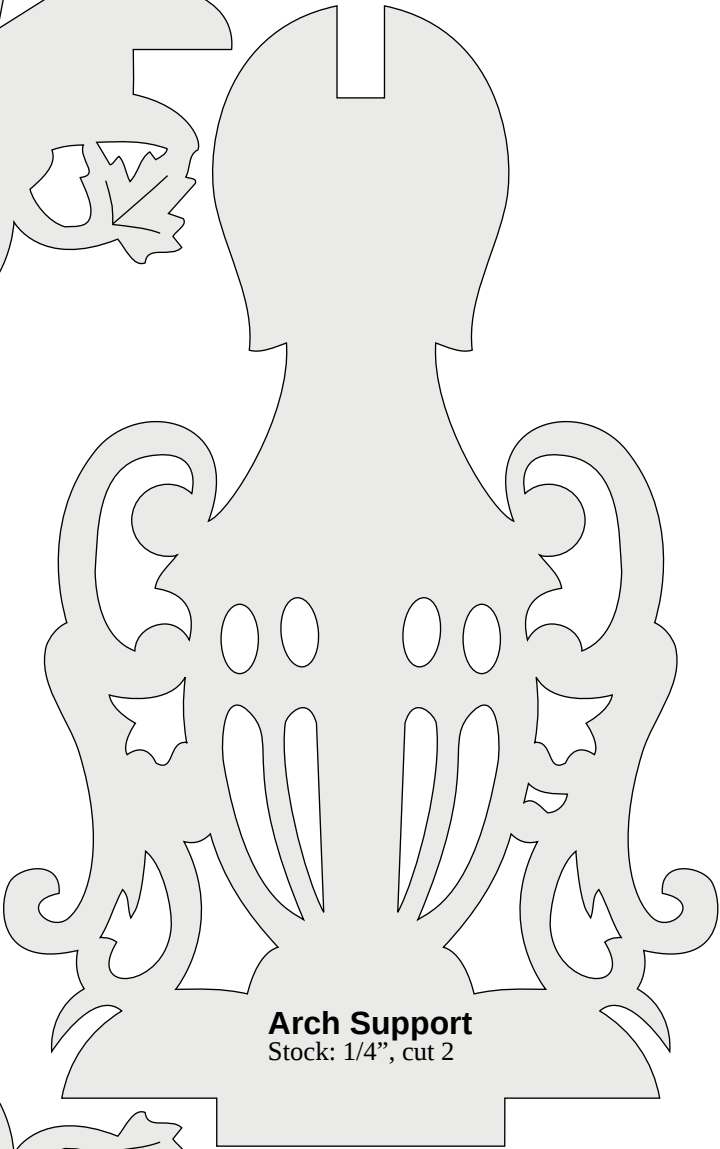
Create 58 Heirloom Quality Keepsakes
Rick & Karen Longabaugh



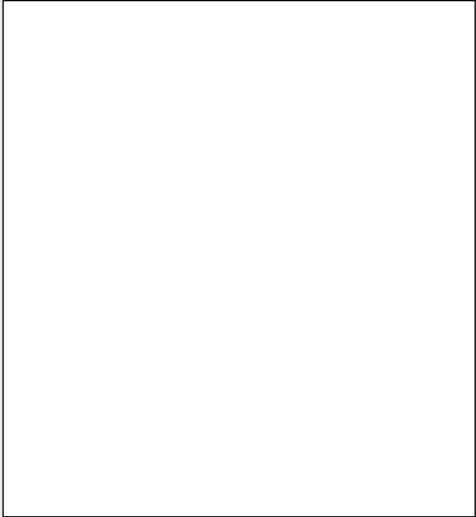
Project #1



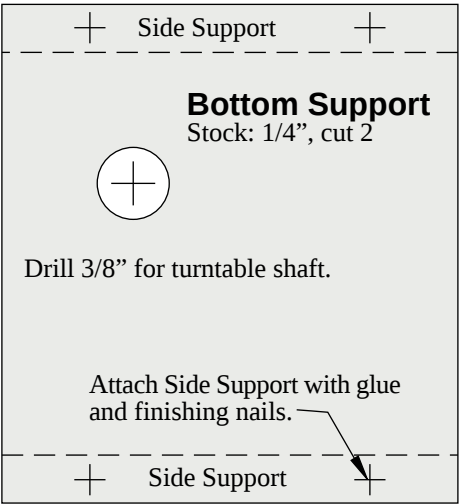
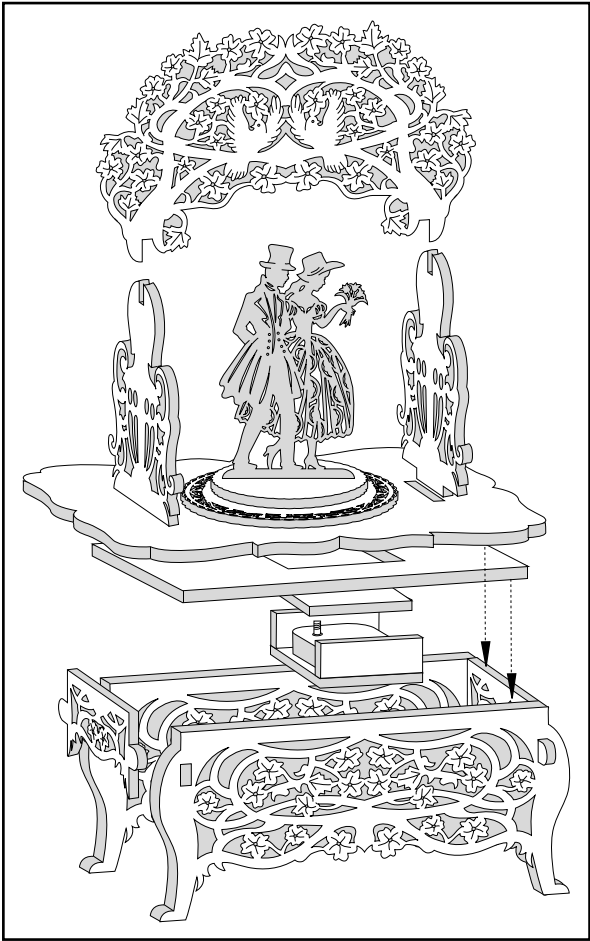
Arch
Stock: 1/4"

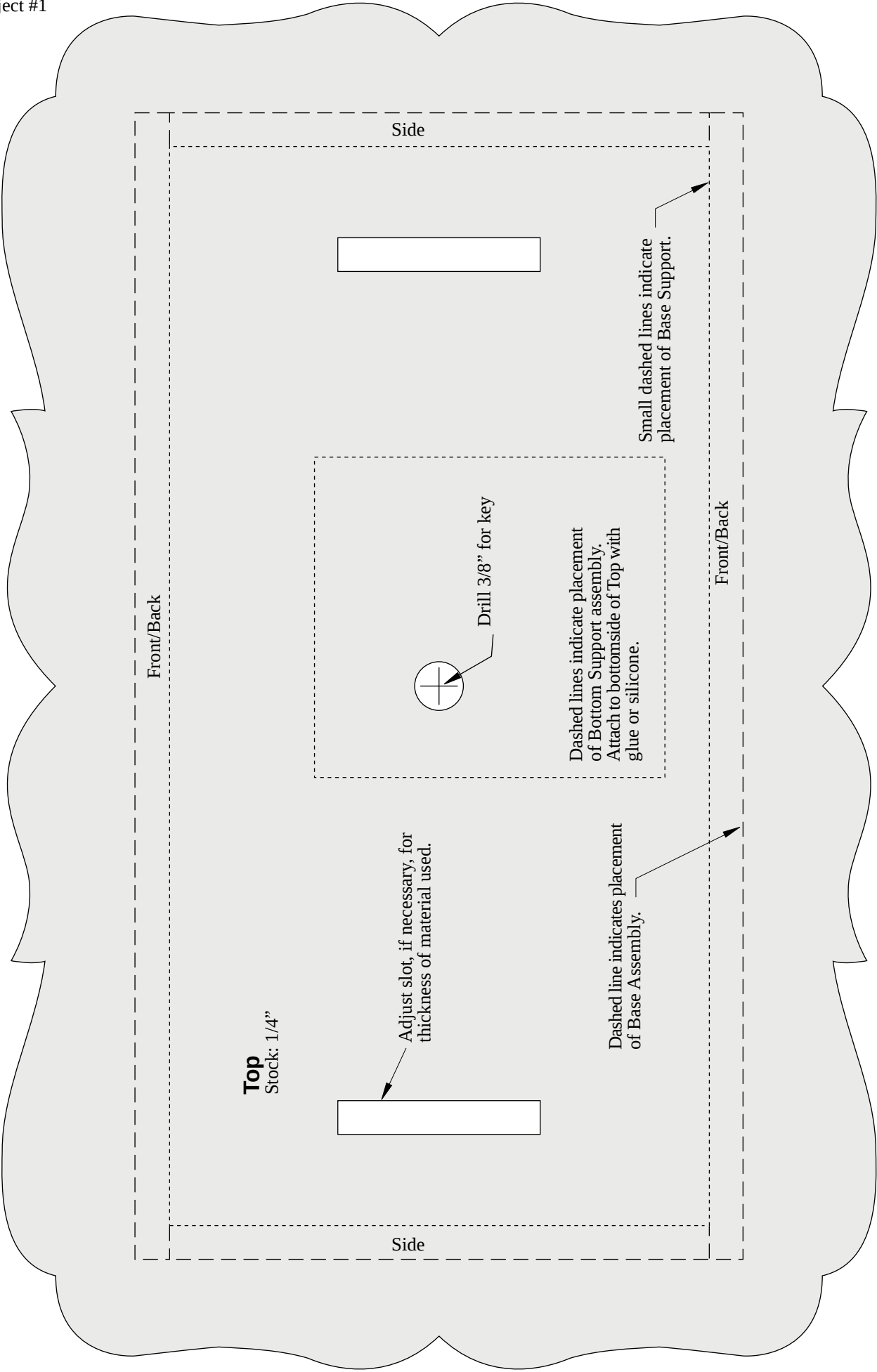


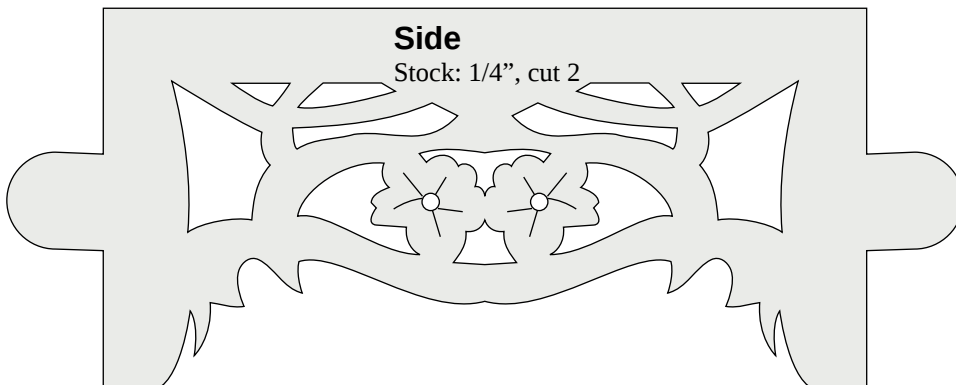
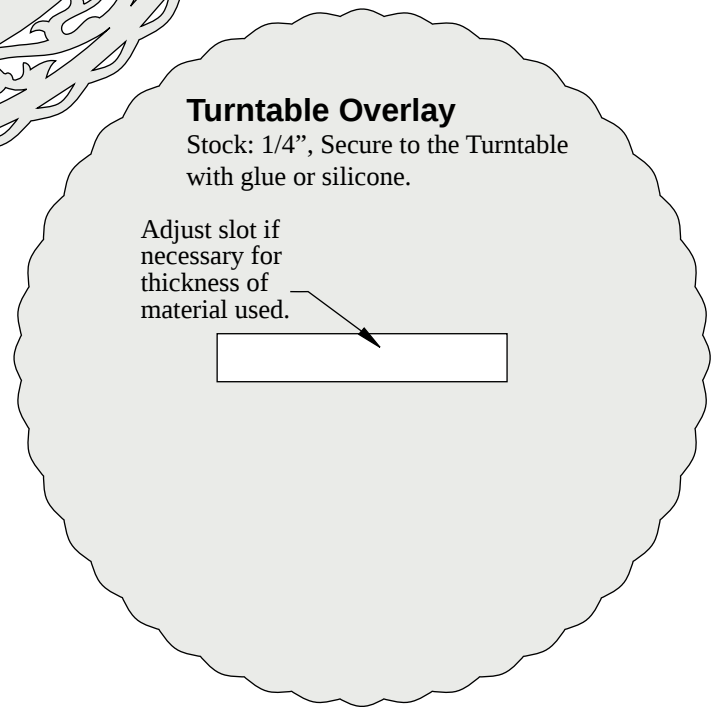
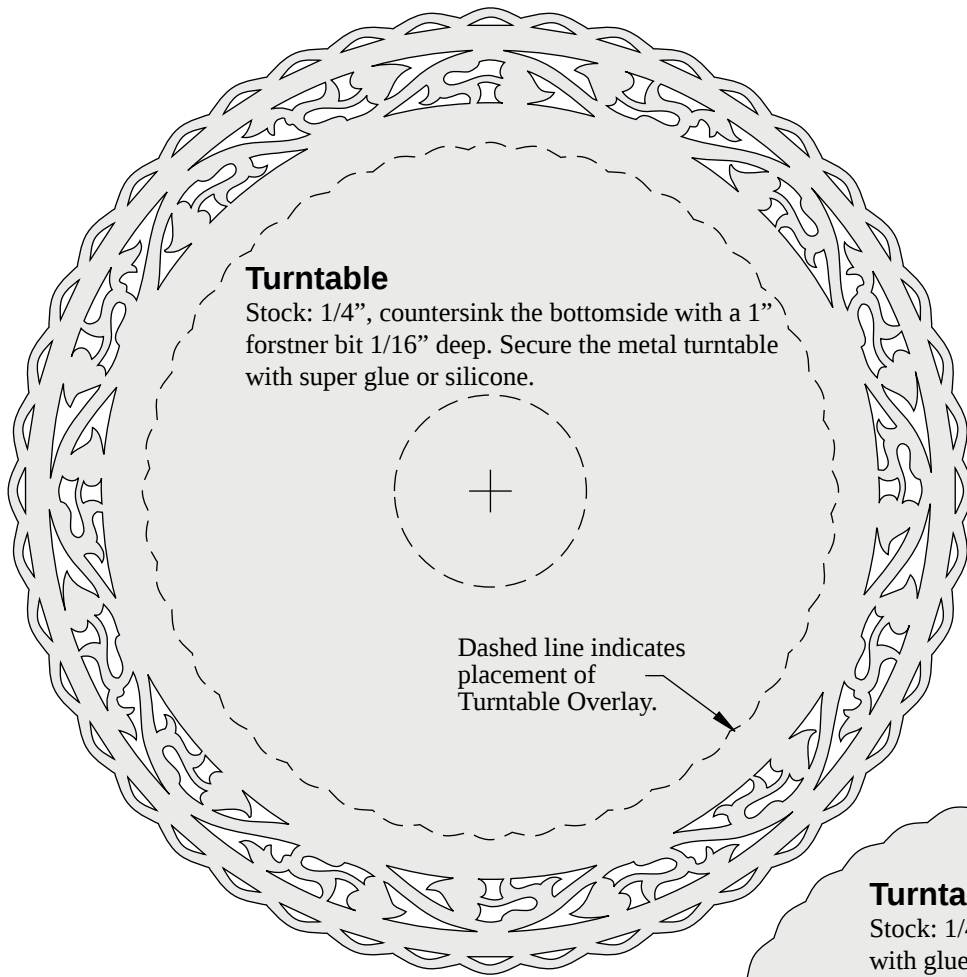
Arch Support
Stock: 1/4", cut 2

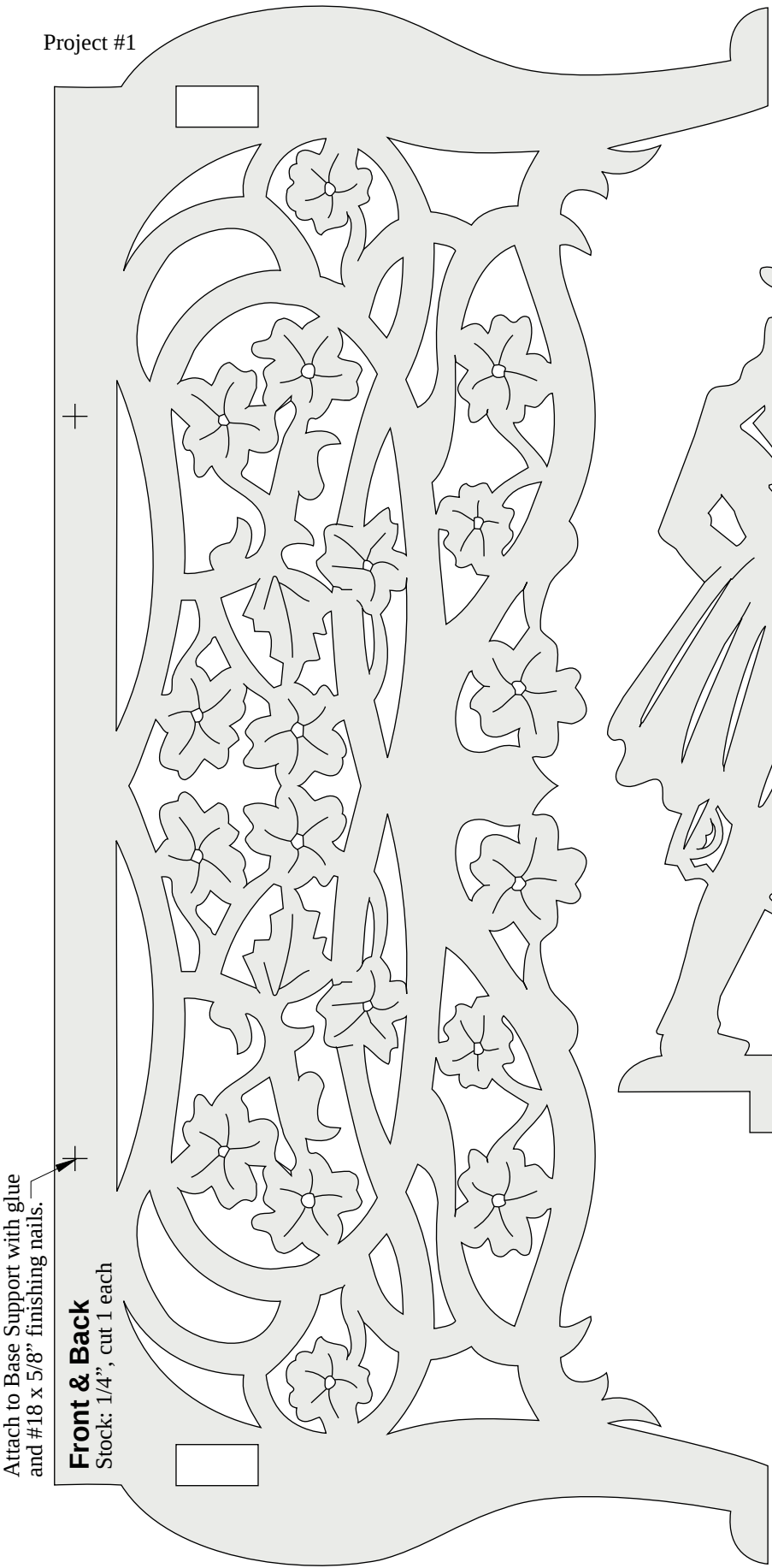


Base Support
Stock: 1/4"









Attach to Base Support with glue and #18 x 5/8" finishing nails.

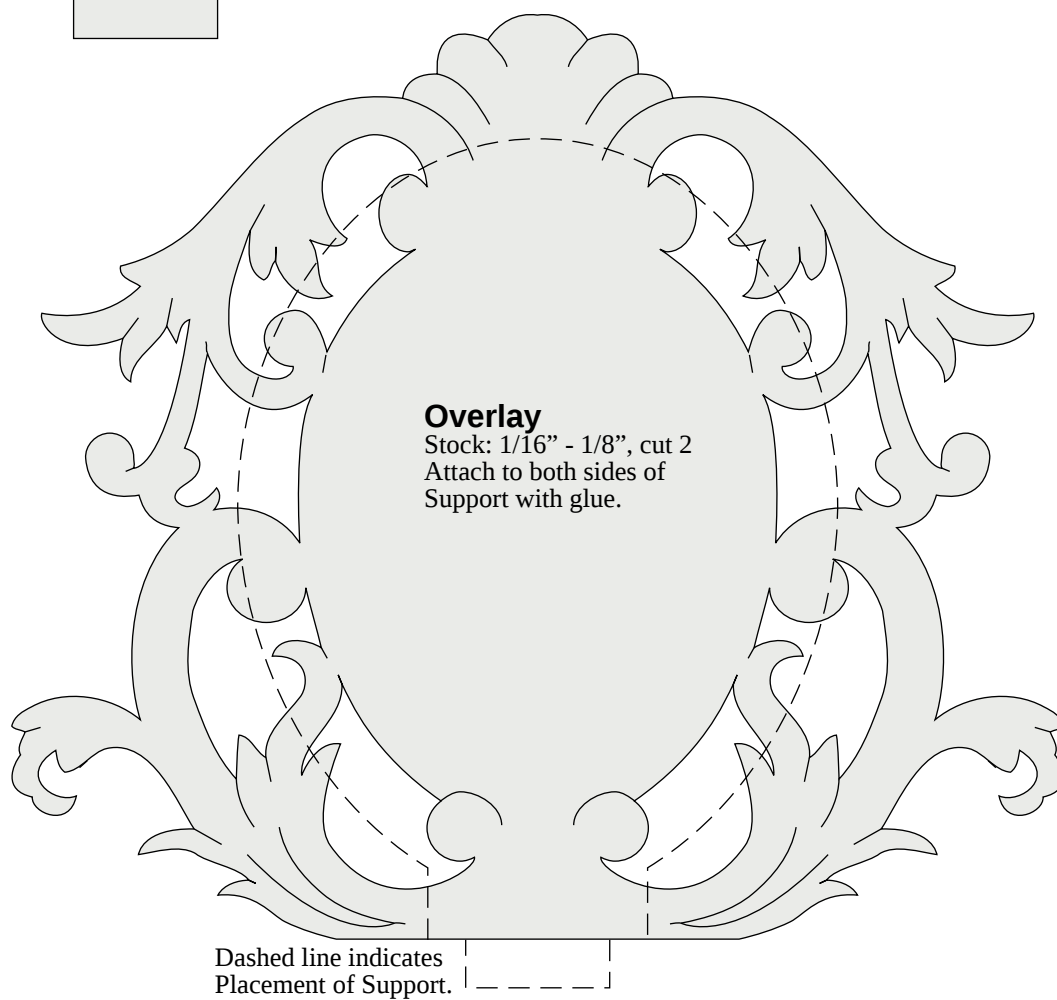
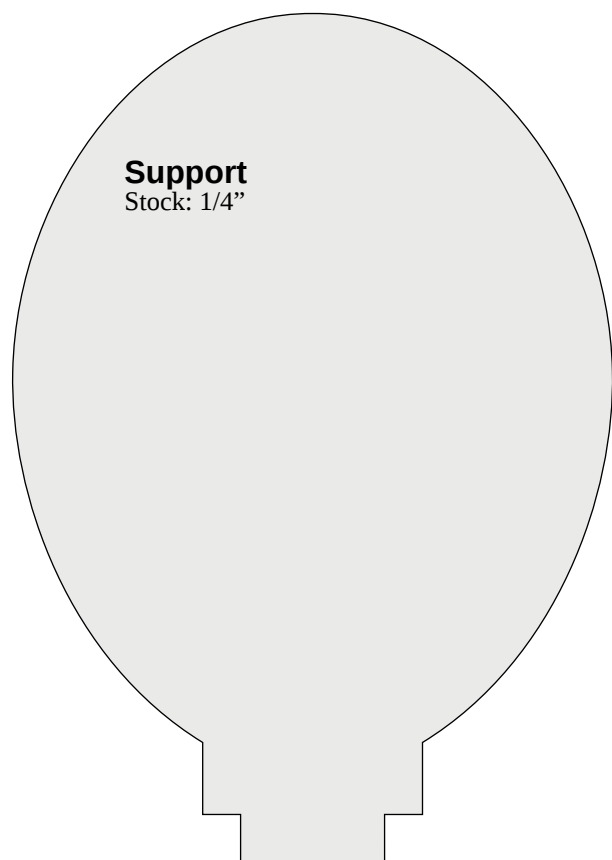
Front & Back

Stock: 1/4", cut 1 each



Figures

Stock: 1/4"

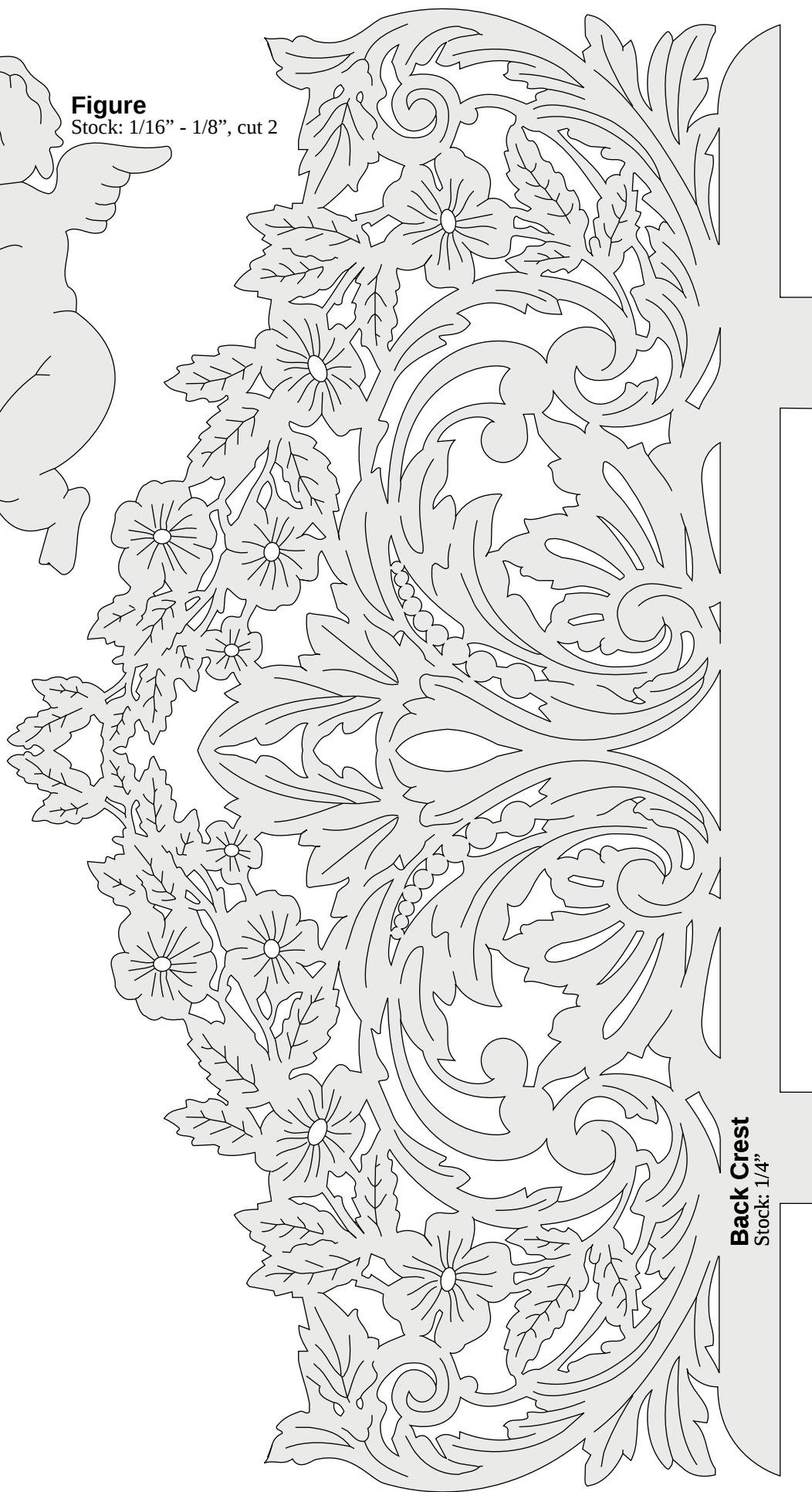


Project #2



Figure

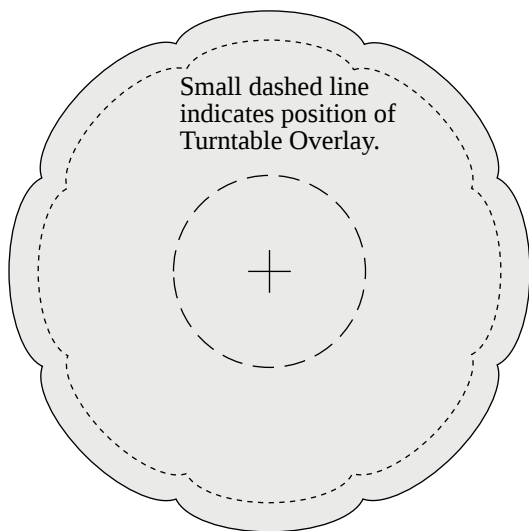
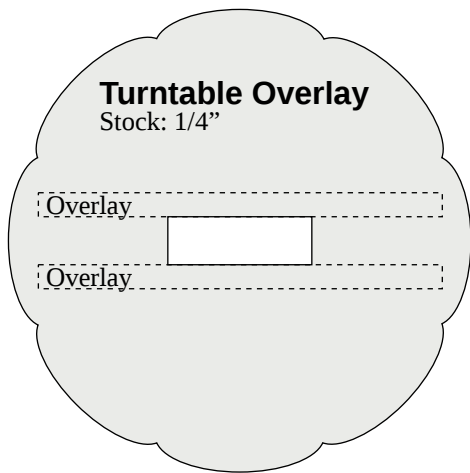
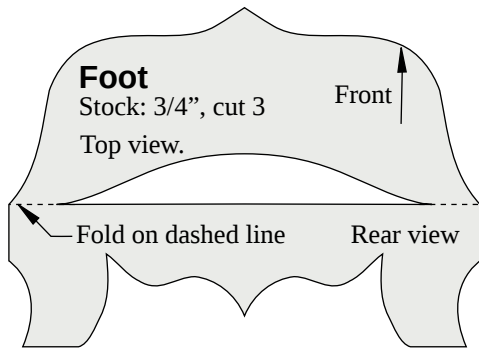
Stock: 1/16" - 1/8", cut 2



Back Crest

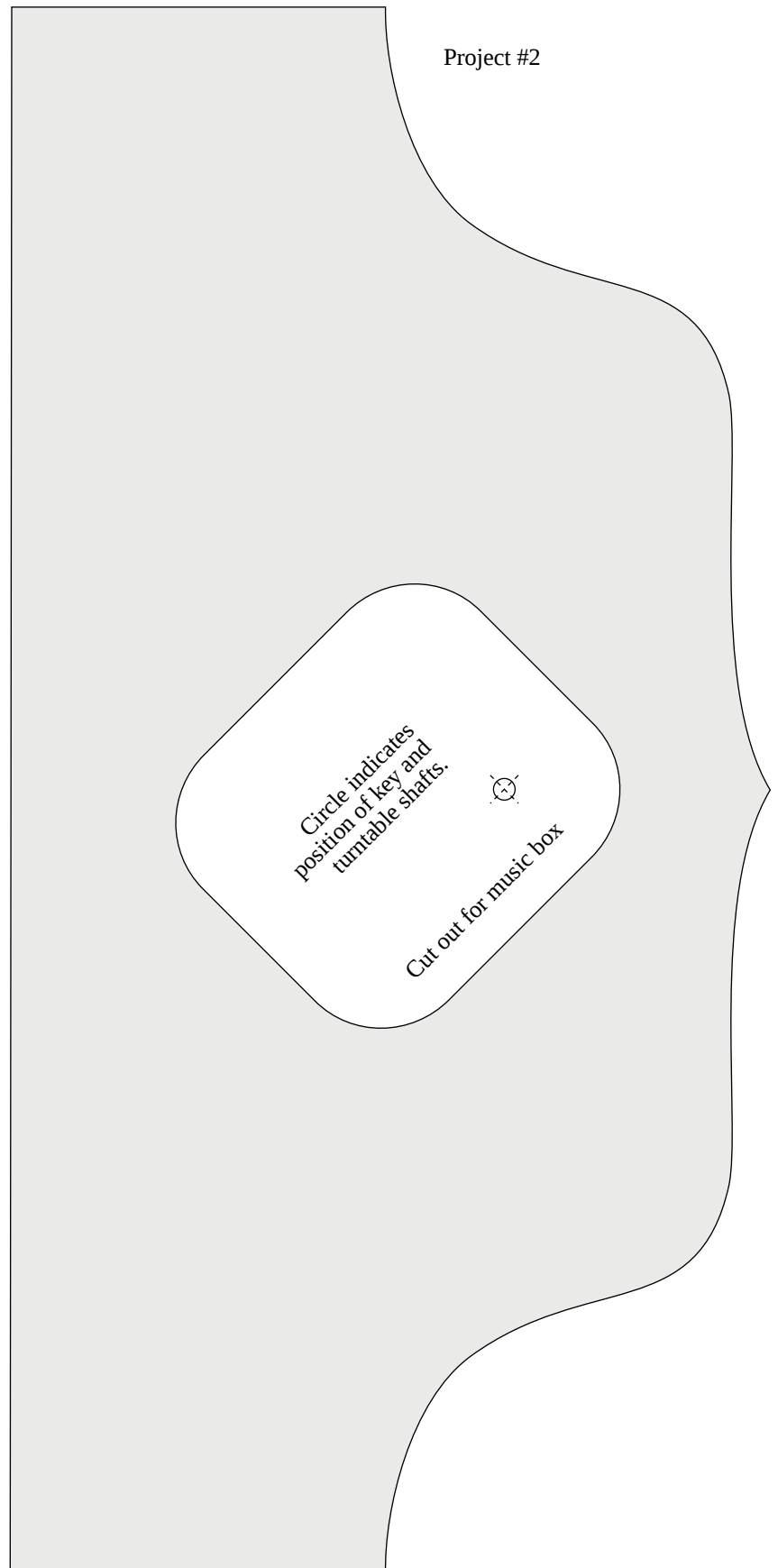
Stock: 1/4"

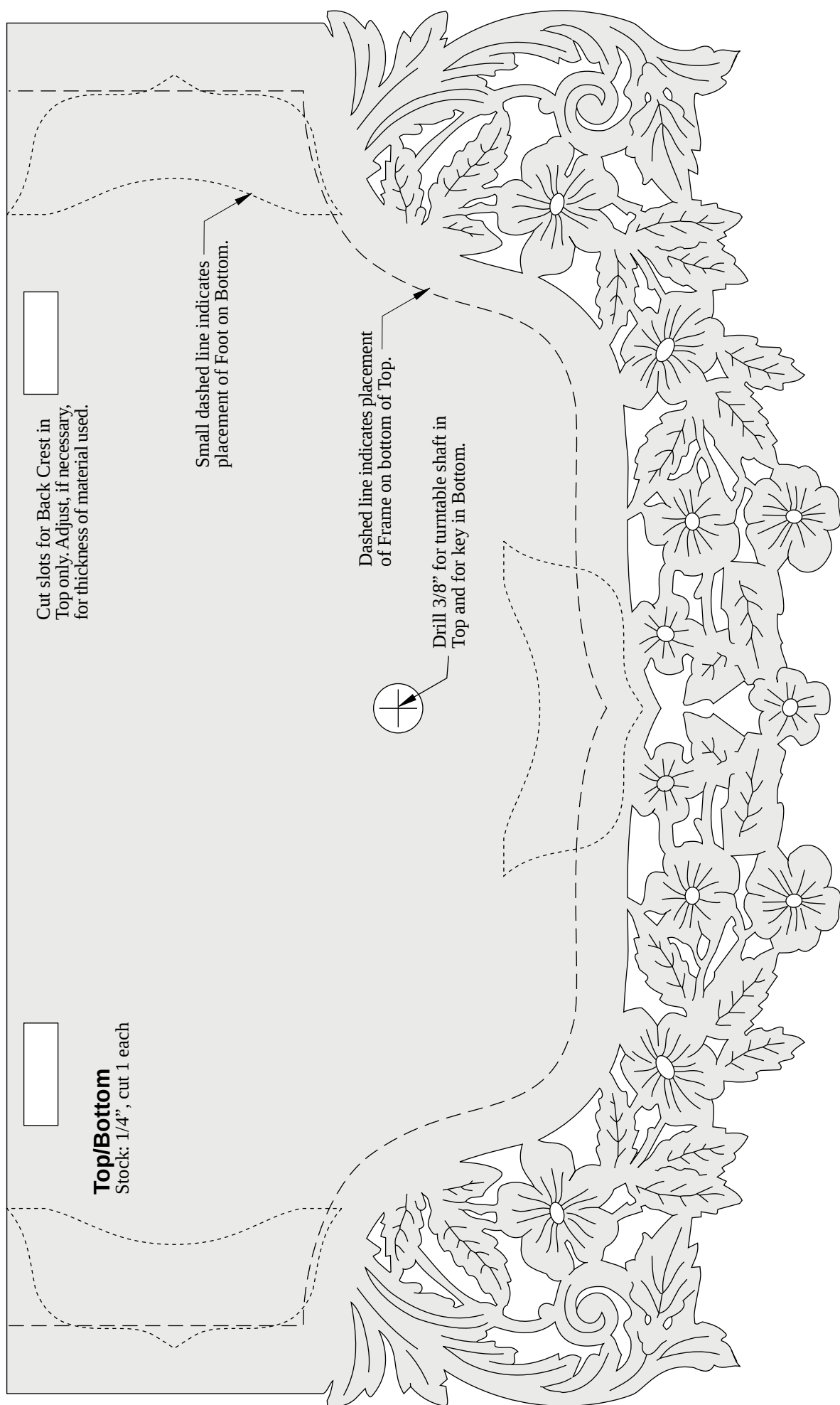
Project #2

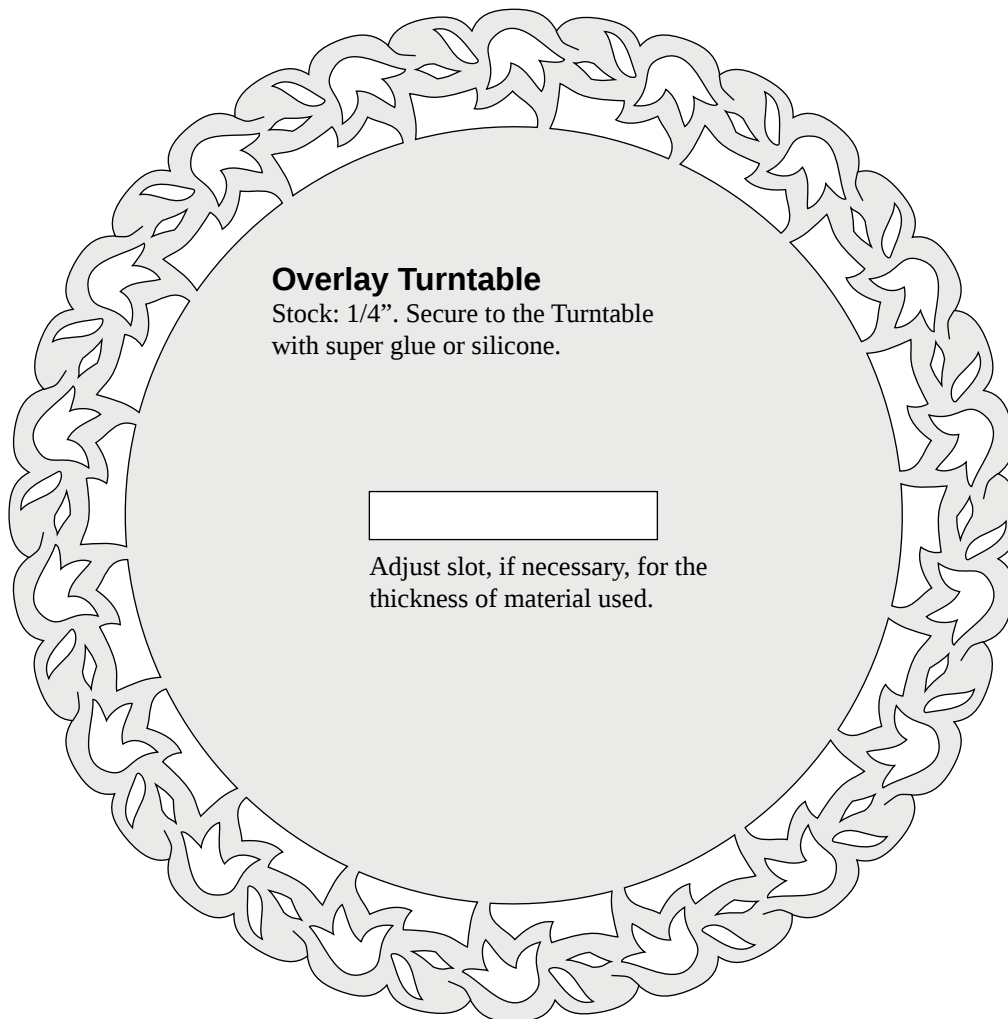
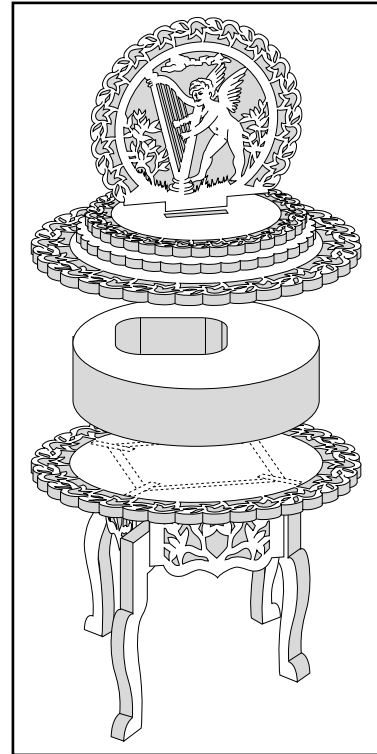


Turntable

Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.







Project #3

Frame
Stock: 1 1/2"

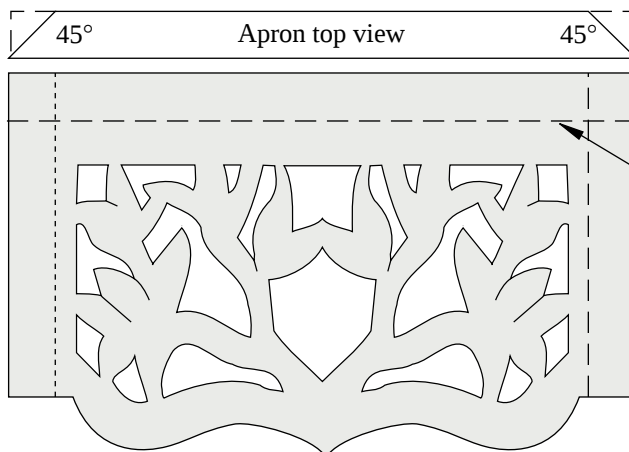
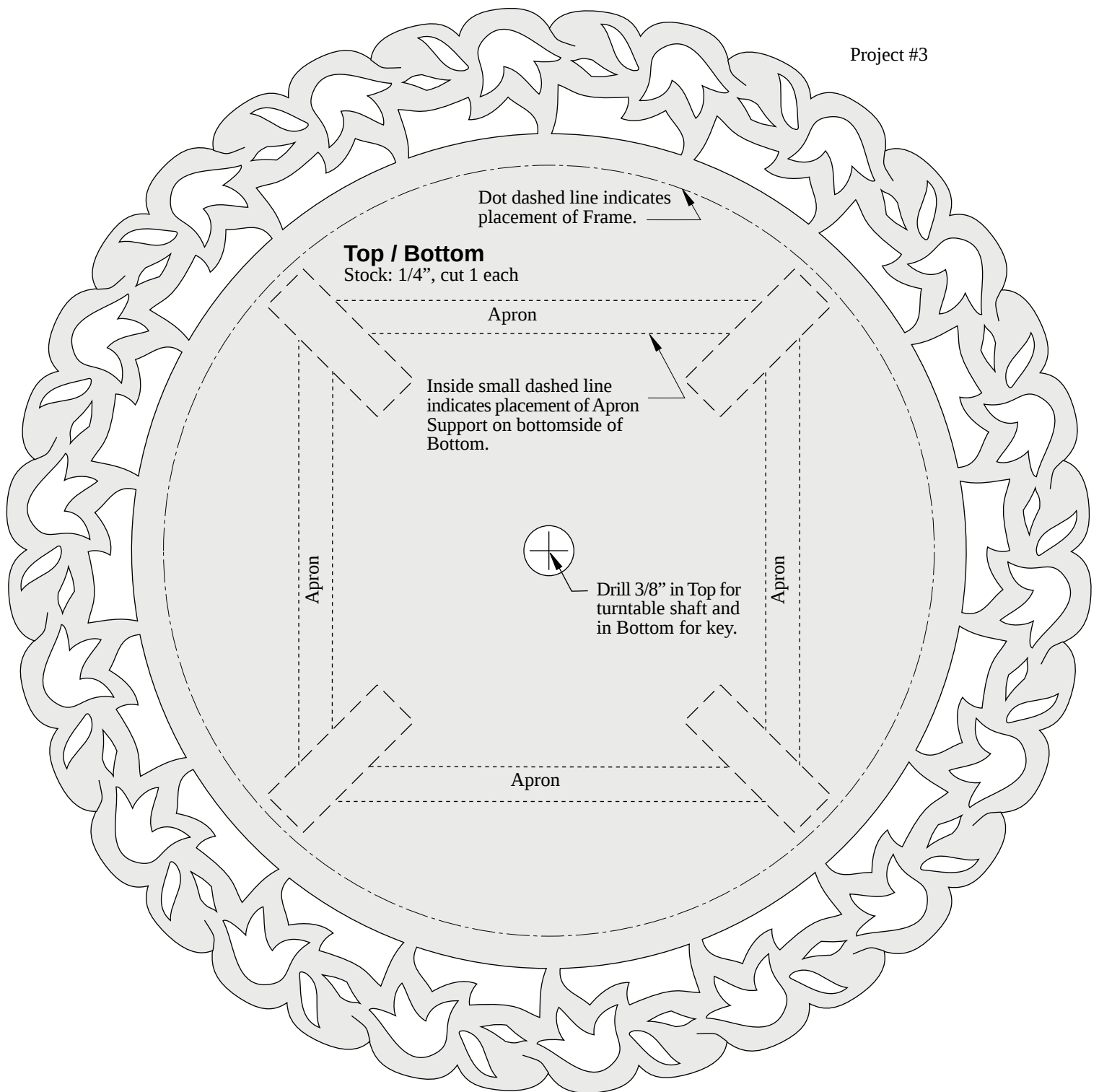
Circle indicates
position of key and
turntable shafts.



Cut out for music box

Figure
Stock: 1/4"



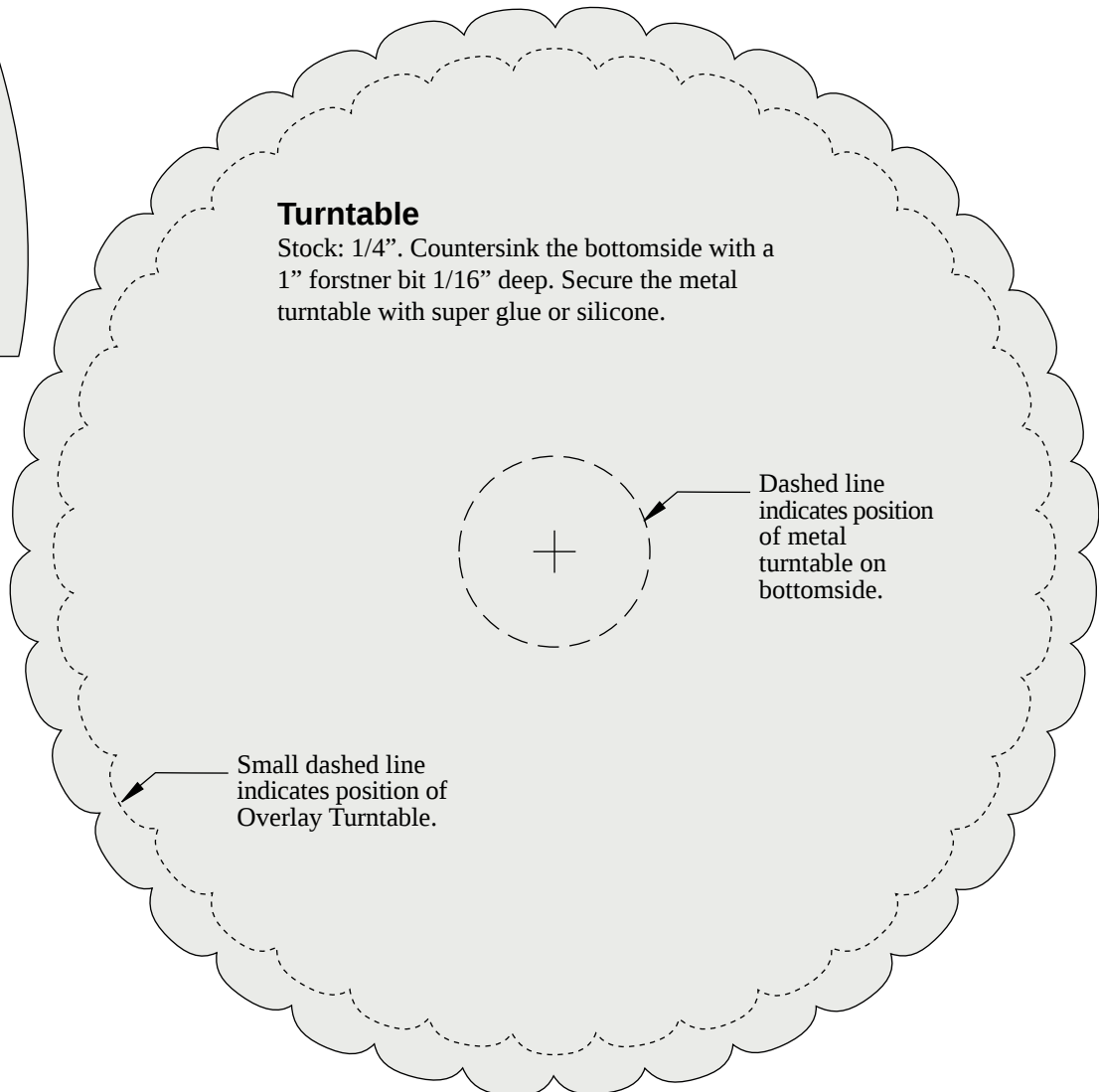
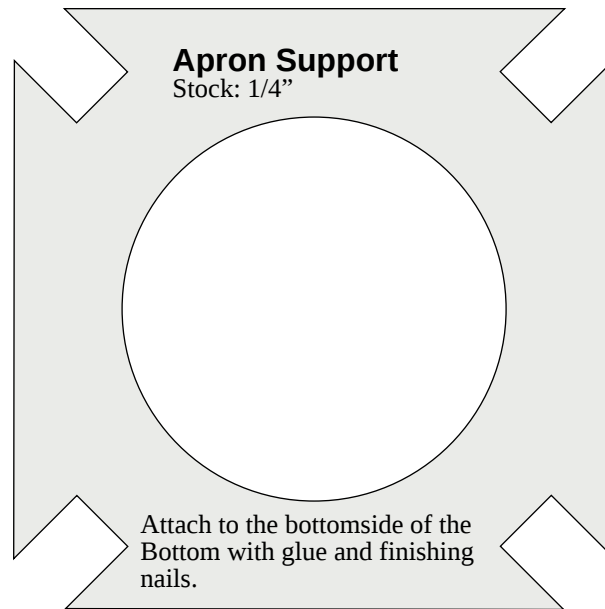
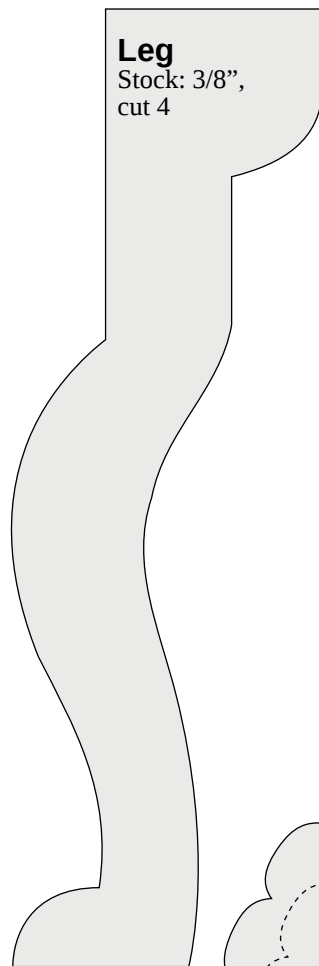


Apron

Stock: 1/4", cut 4

Dashed line indicates placement of Apron. Attach Apron to Apron Support with glue. Note: bevel cut sides at 45° before cutting pattern.

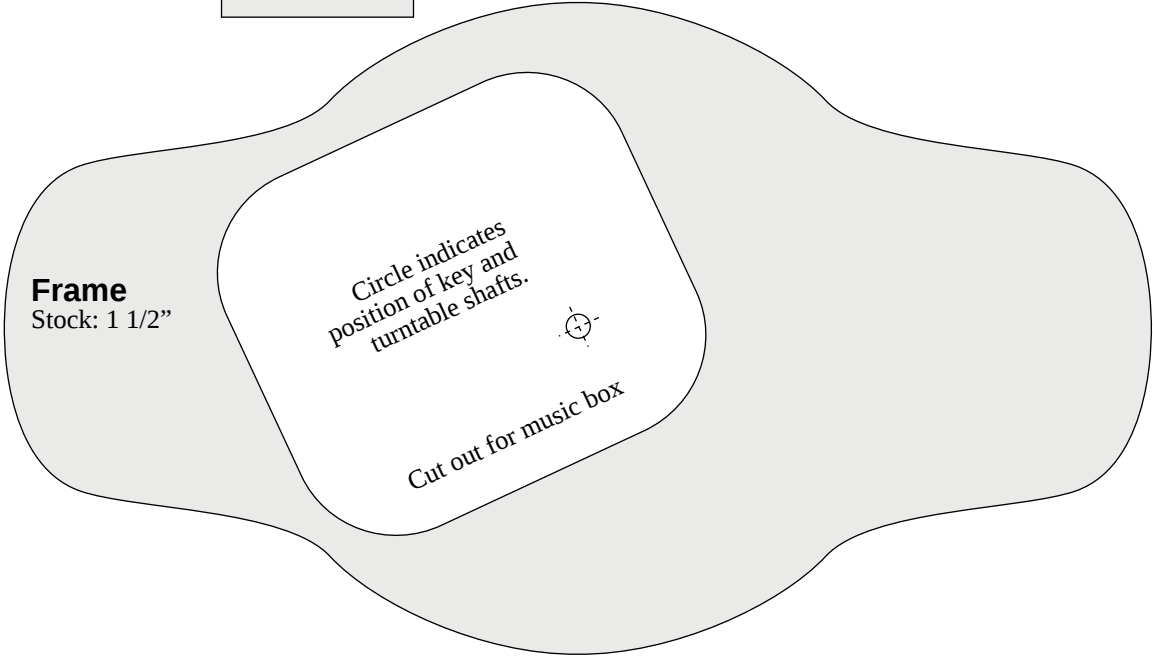
Project #3



Project #4



Angel
Stock: 1/4"



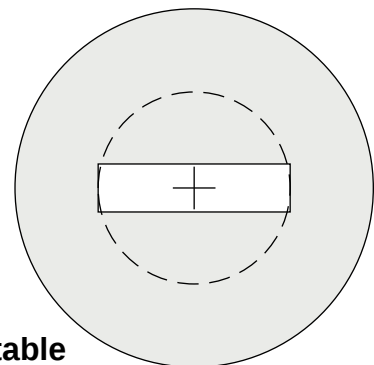
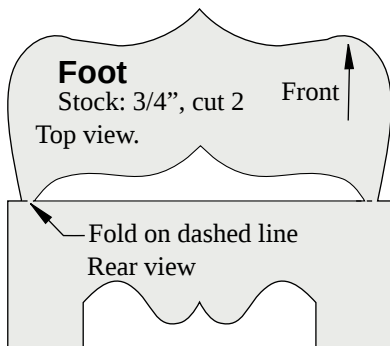
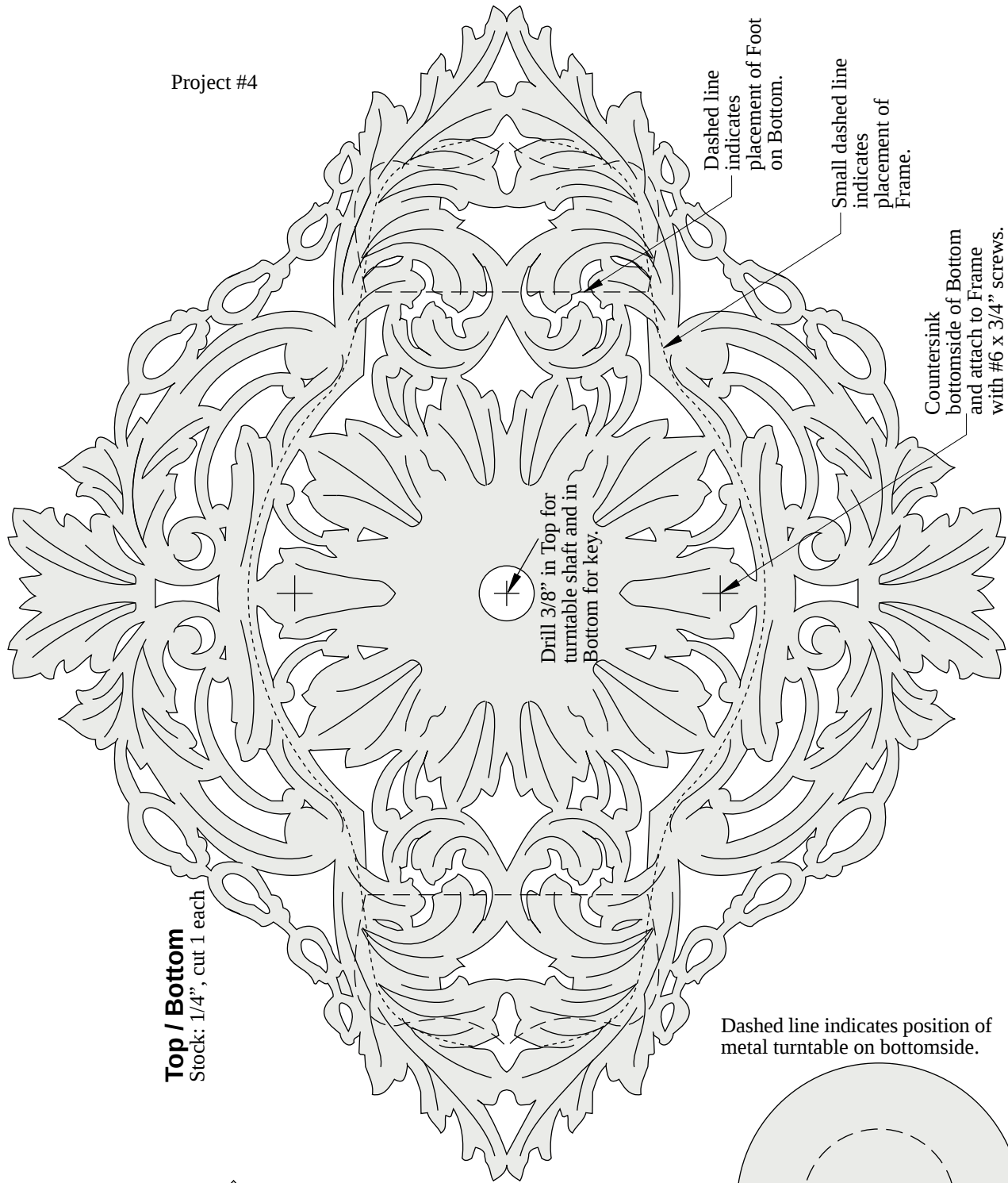
Frame
Stock: 1 1/2"

Circle indicates
position of key and
turntable shafts.



Cut out for music box

Project #4



Turntable

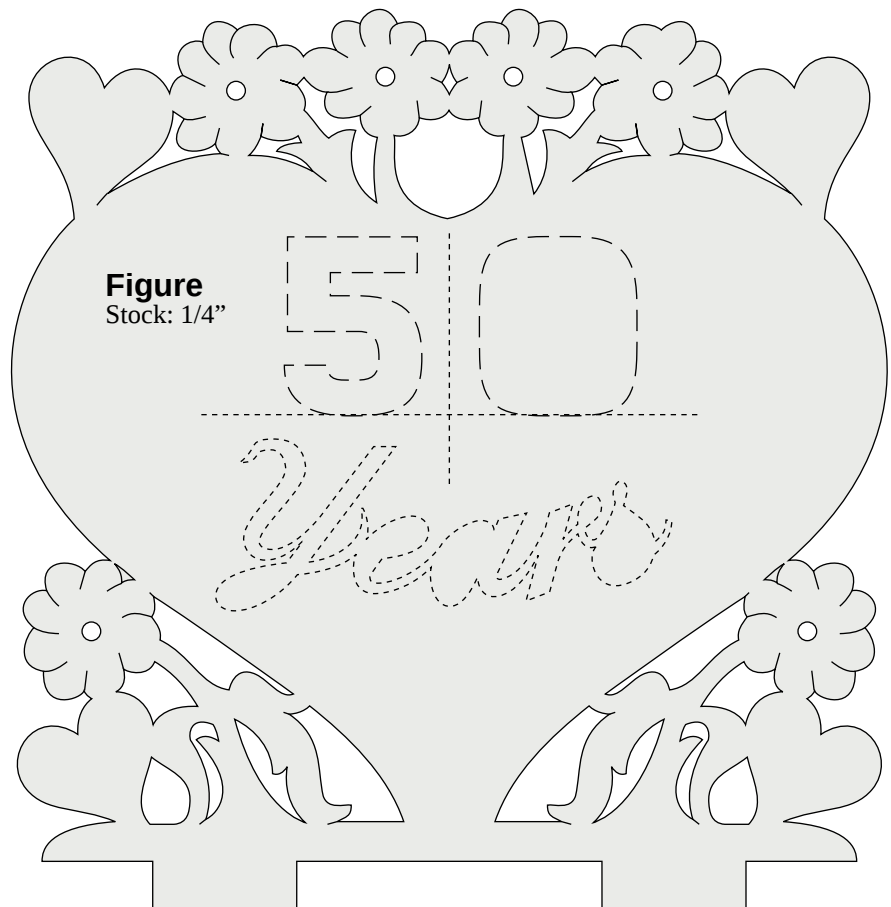
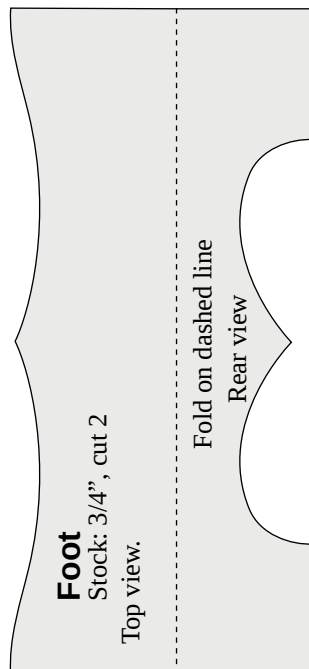
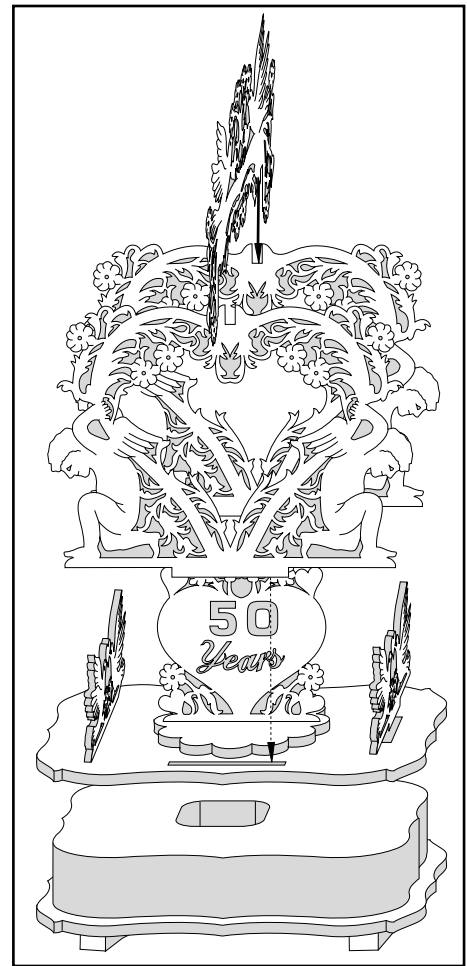
Stock: 3/8", countersink the bottomsides with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone. Note: countersink bottomsides before cutting slot.

Turntable

Stock: 1/4", countersink the
bottomside with a 1" forstner bit
1/16" deep. Secure the metal
turntable with super glue or silicone.

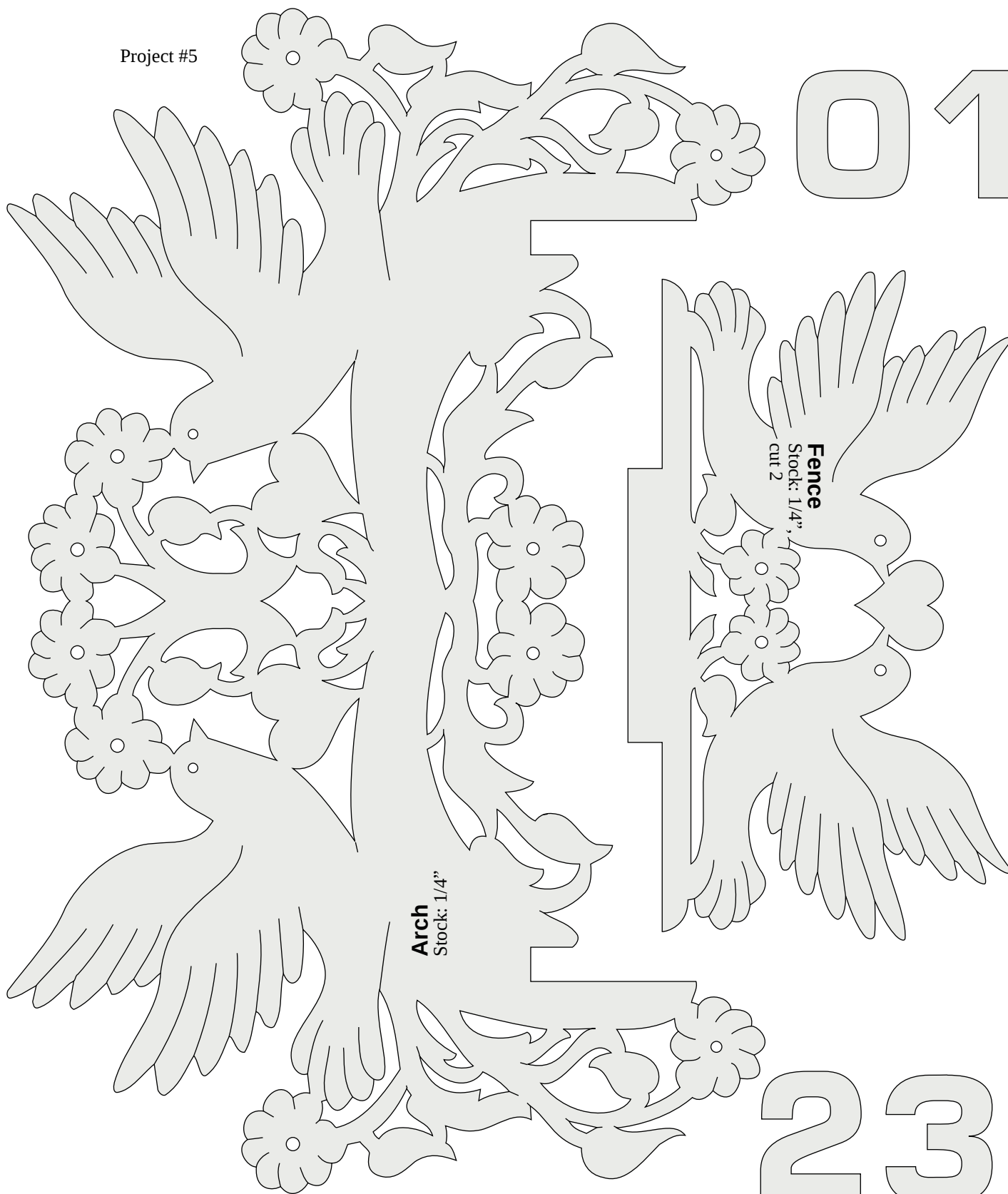
Adjust slots, if
necessary, for thickness
of material used.

Dashed line
indicates position
of metal turntable
on bottomside.



Project #5

01

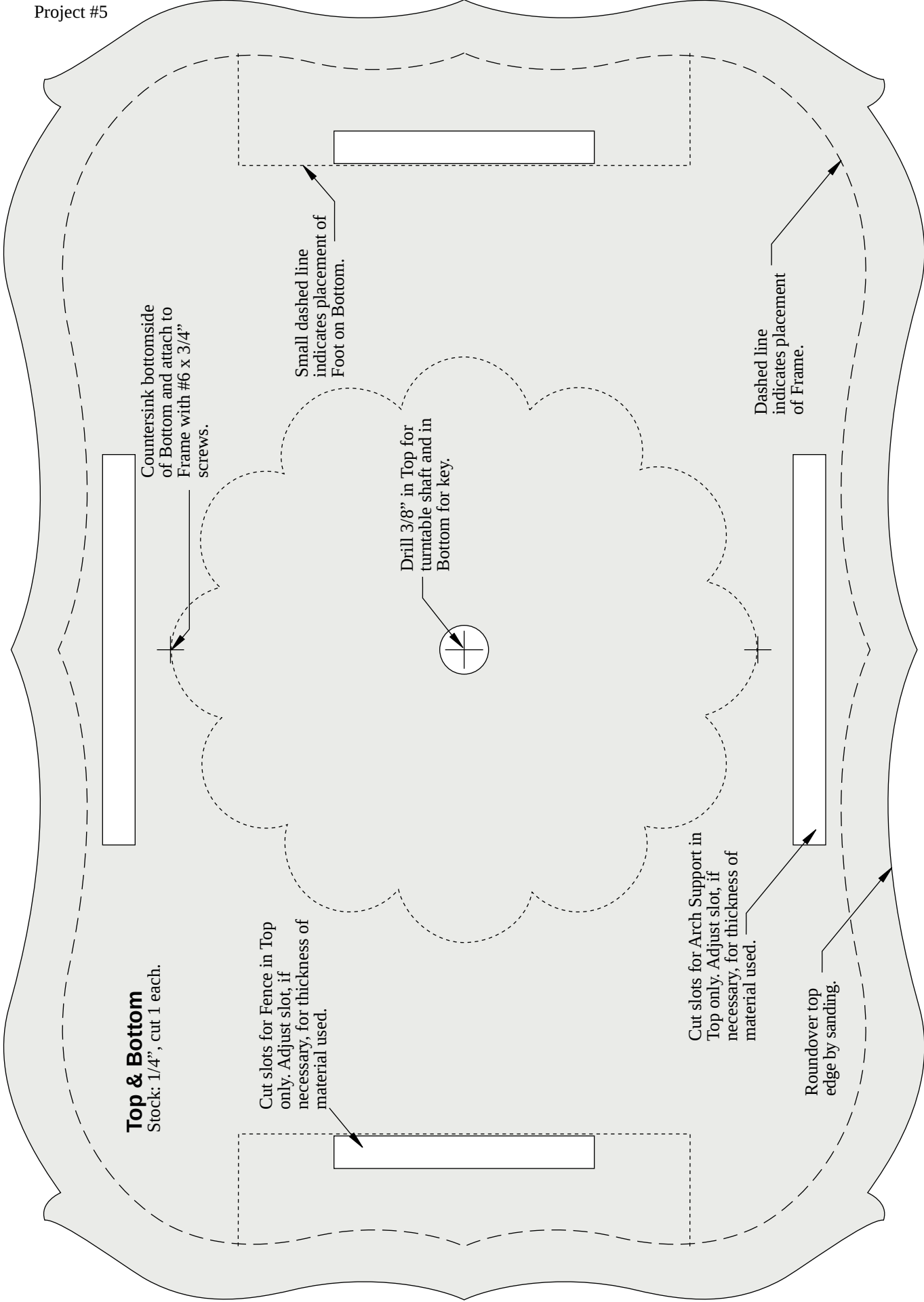


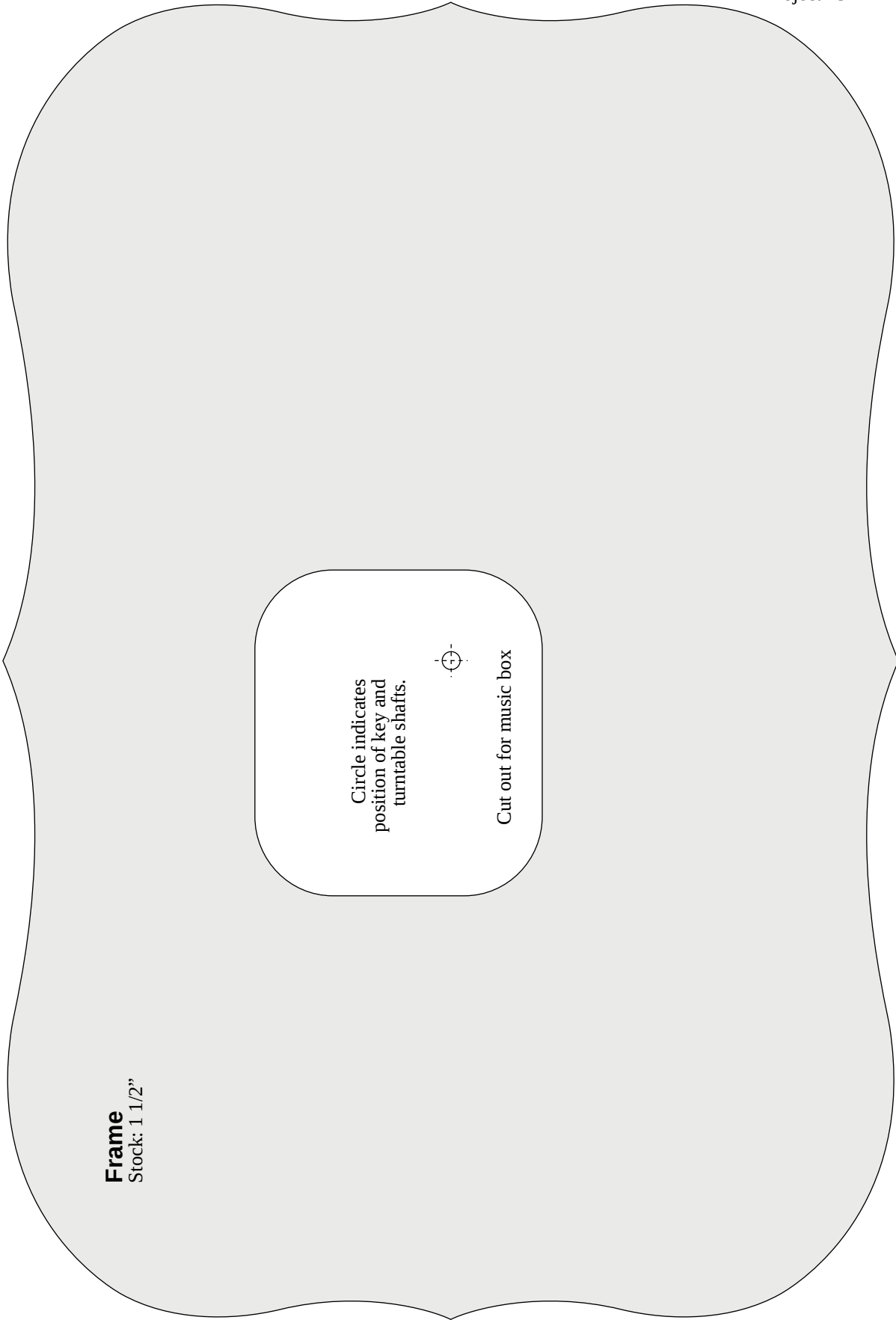
Number Overlays
Stock: 1/16" - 1/8"

23
4 5 6 7 8 9



Arch Support
Stock: 1/4", cut 2





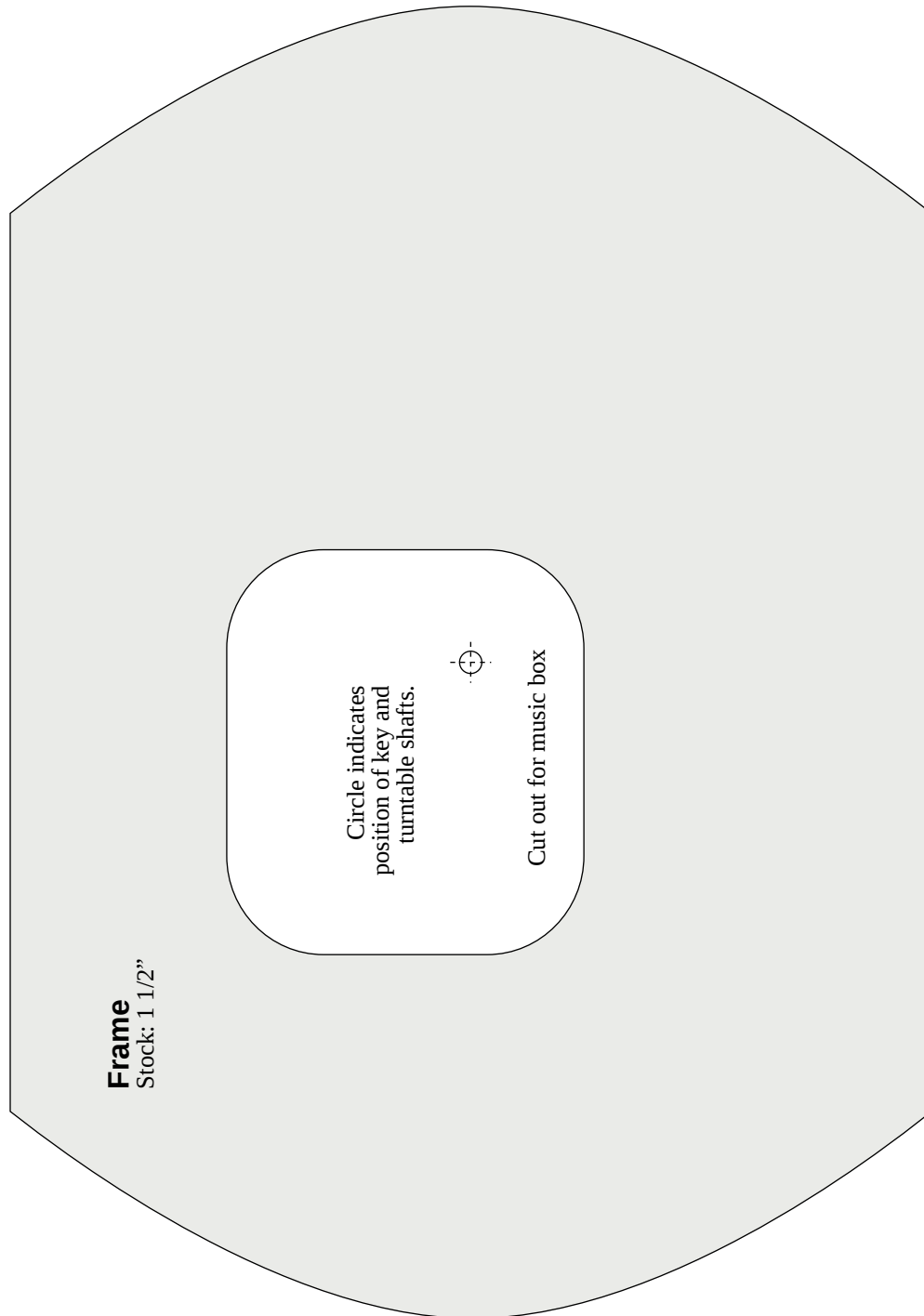
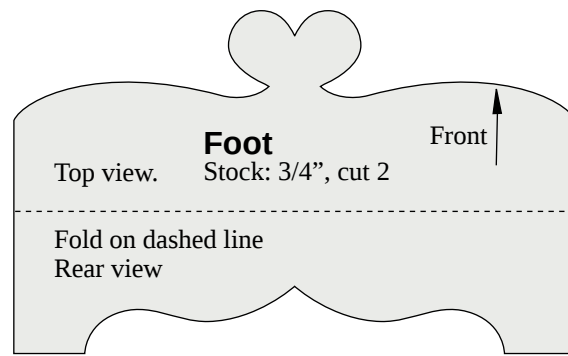
Frame
Stock: 1 1/2"

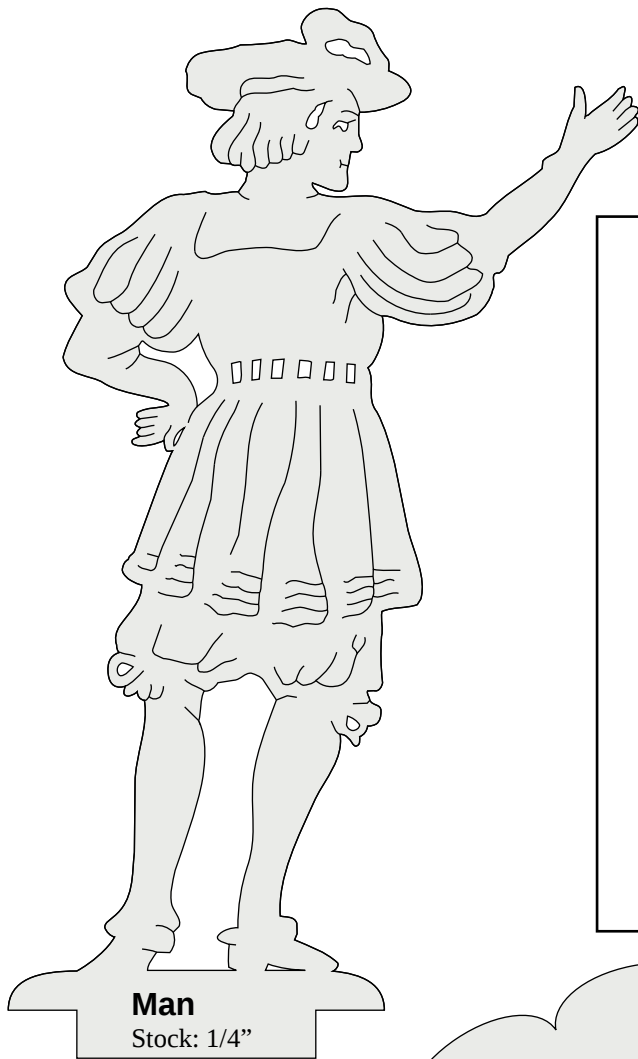
Circle indicates
position of key and
turntable shafts.



Cut out for music box

Project #6

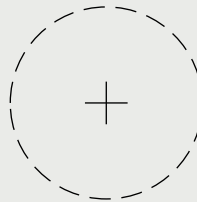




Turntable

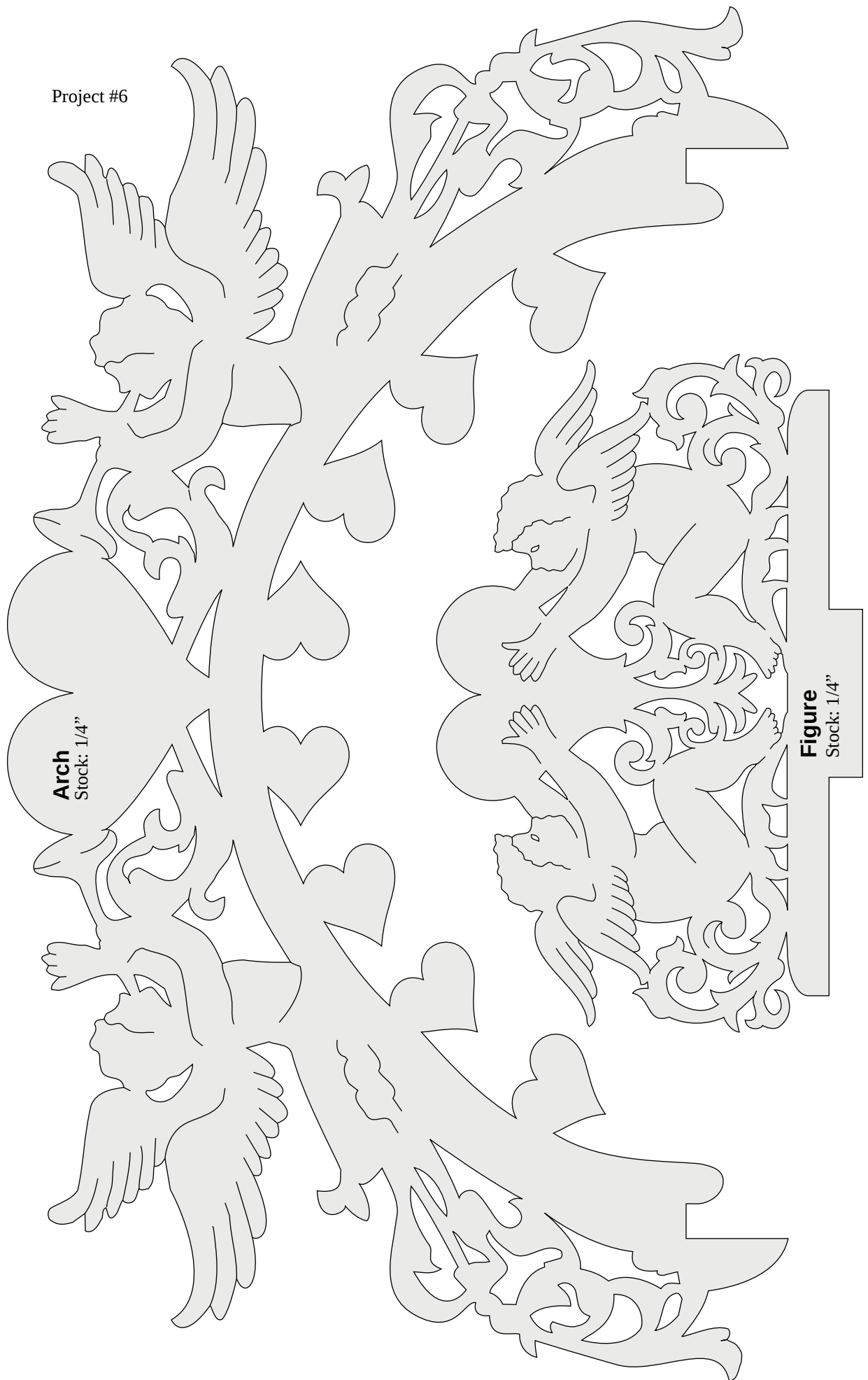
Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

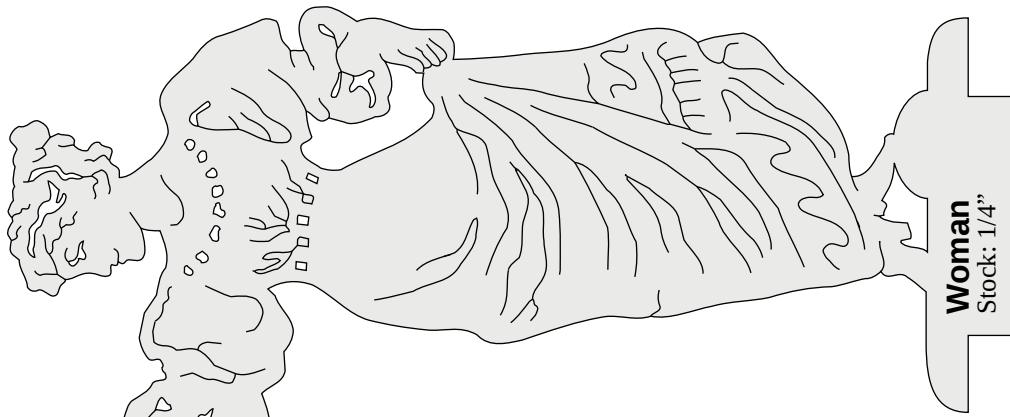
Adjust slots, if necessary, for the thickness of material used.



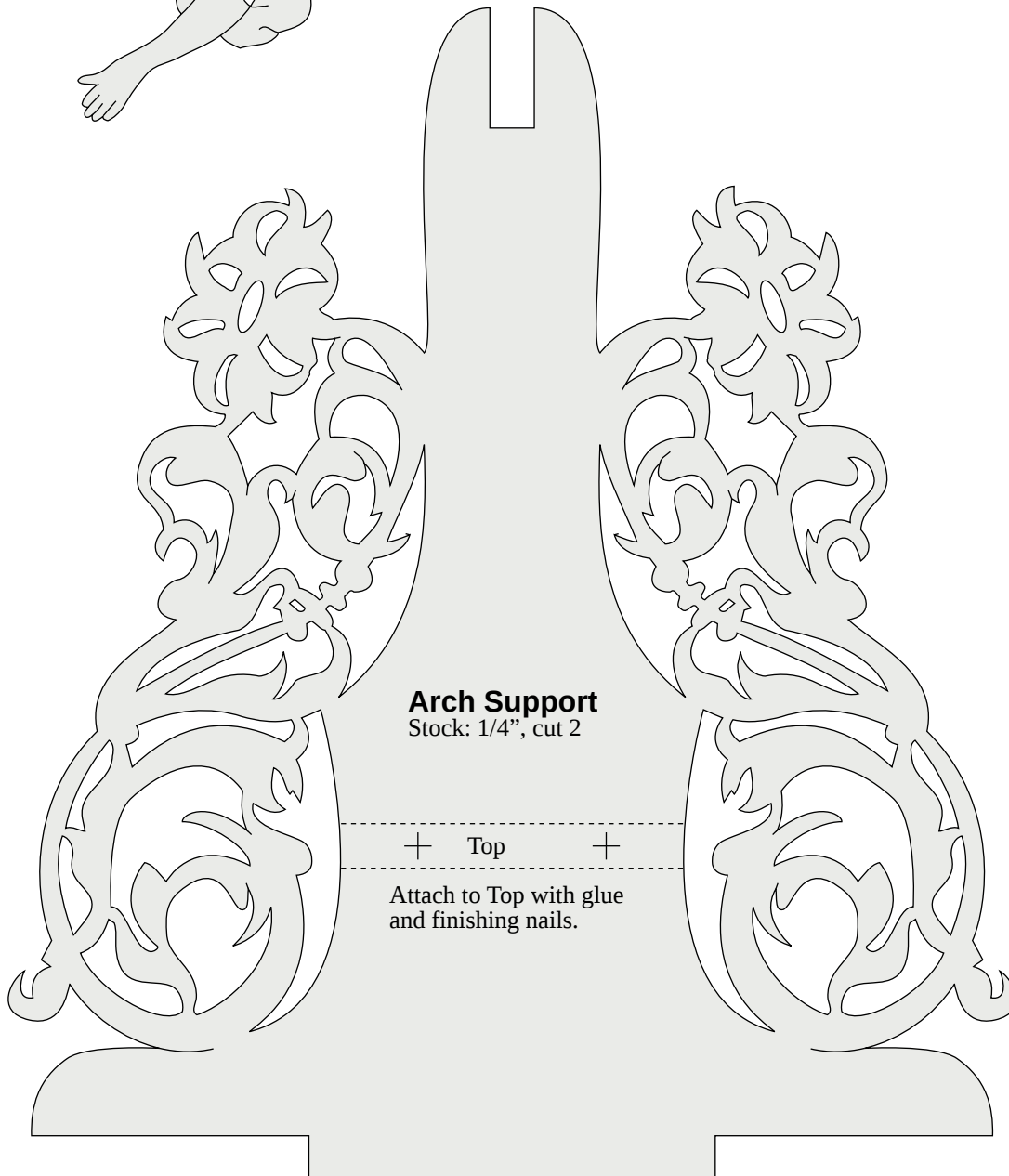
Dashed line indicates position of metal turntable on bottomside.

Project #6





Woman
Stock: 1/4"



Arch Support
Stock: 1/4", cut 2

+ Top +

Attach to Top with glue
and finishing nails.

Bottom
Stock: 1/4"

Countersink
bottomside of Bottom
and attach to Frame
with #6 x 3/4" screws.

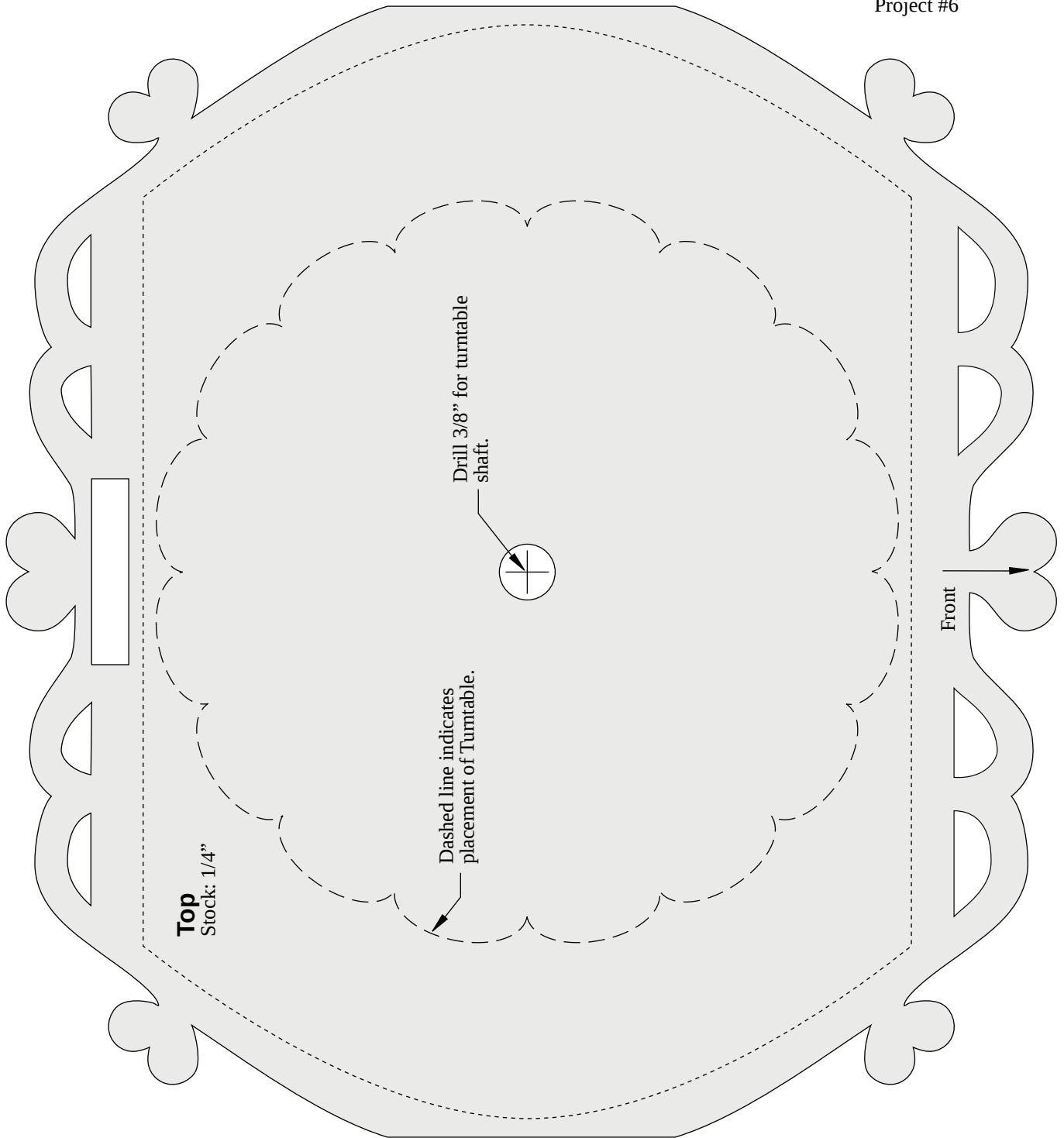
Drill 3/8" for key.

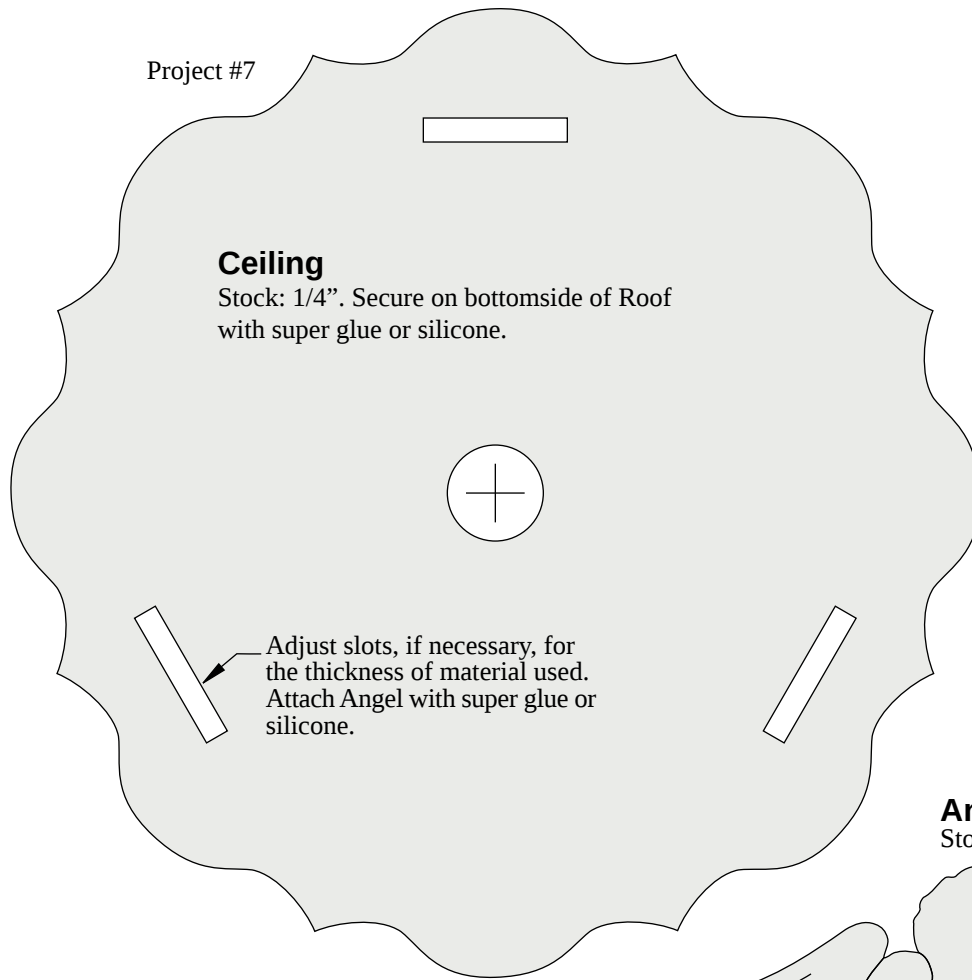
Adjust slots, if necessary, for thickness of material used.

Small dashed line indicates placement of Foot.

Dashed line indicates placement of Frame.

Small dashed line indicates position of Top.



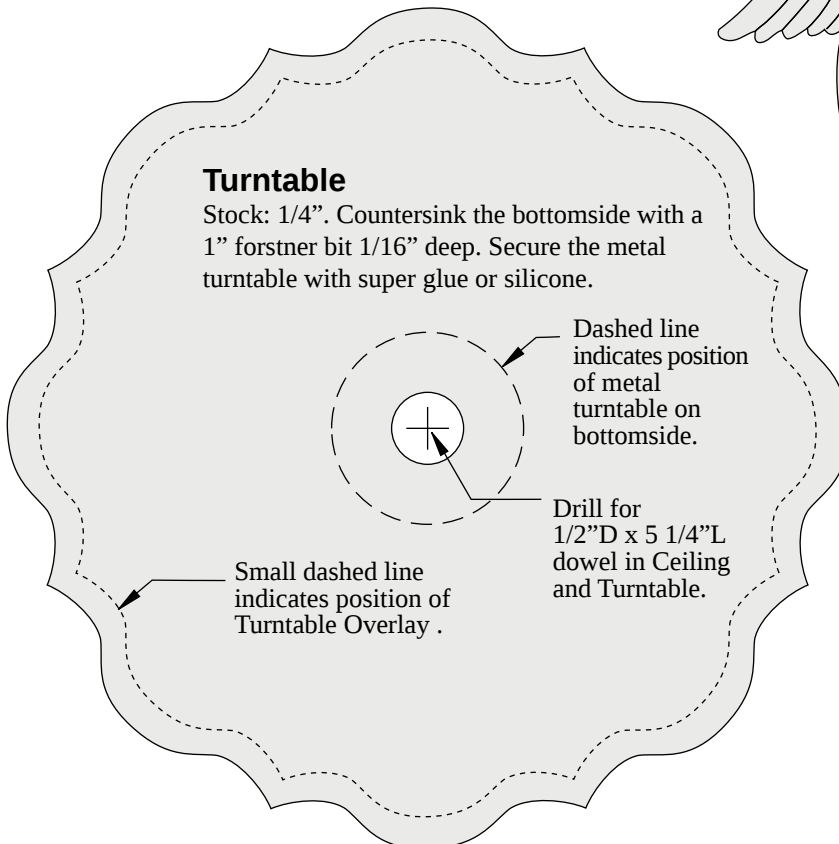
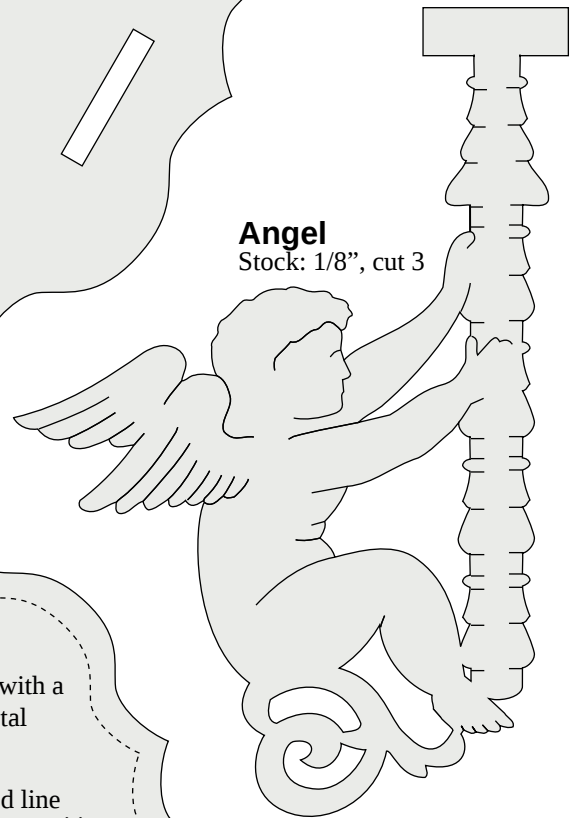


Ceiling

Stock: 1/4". Secure on bottomside of Roof with super glue or silicone.

Angel

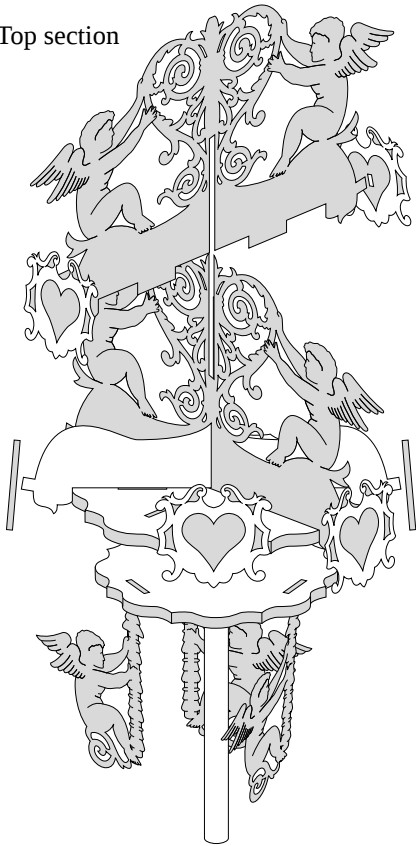
Stock: 1/8", cut 3



Turntable

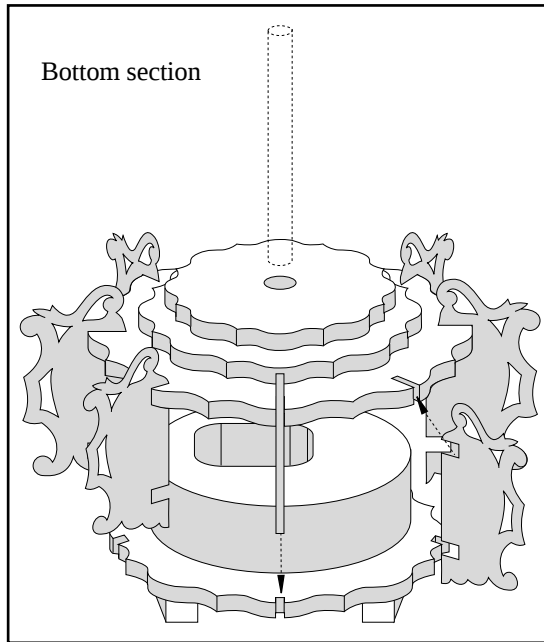
Stock: 1/4". Countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

Top section



Project #7

Bottom section



Frame

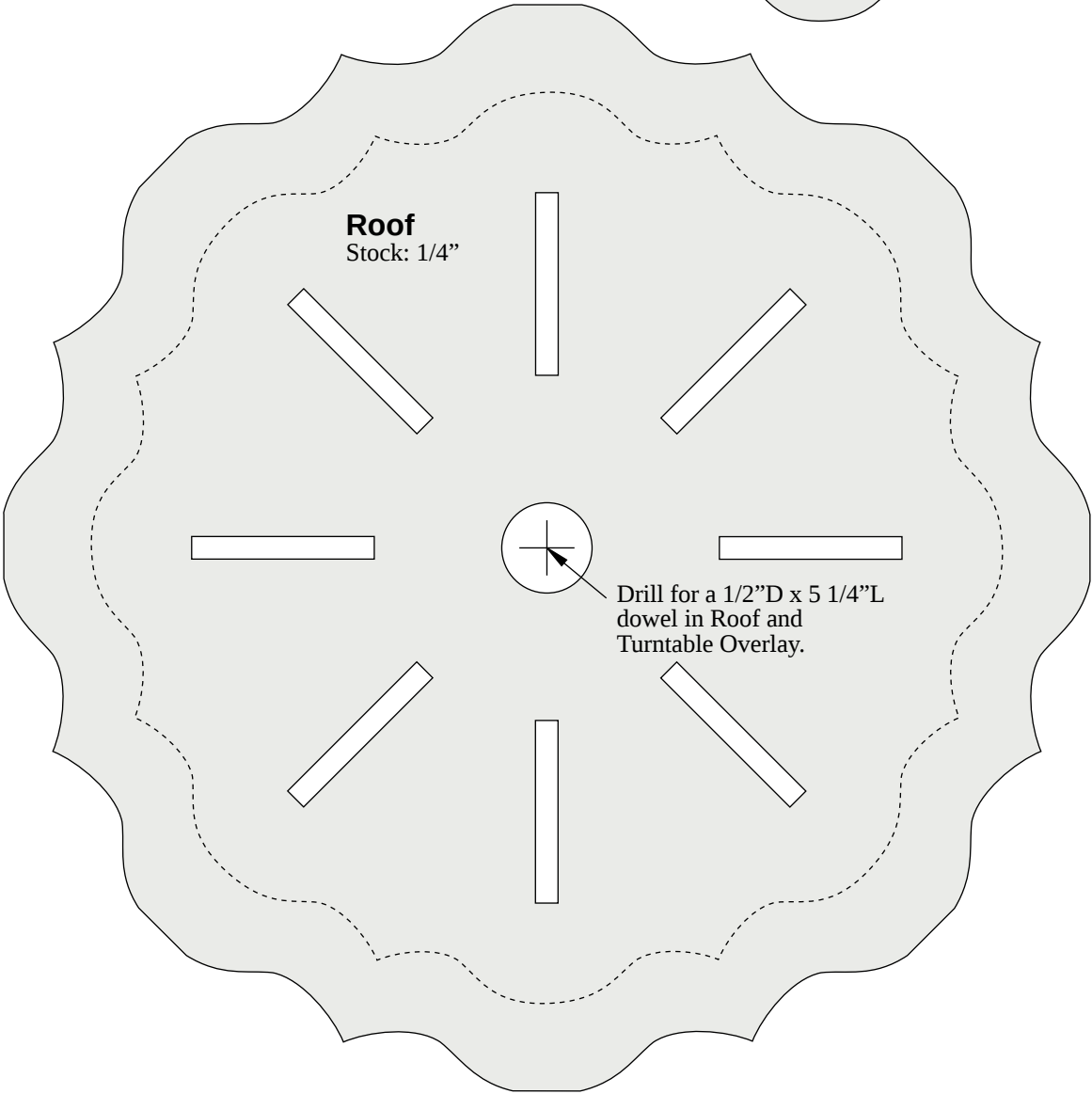
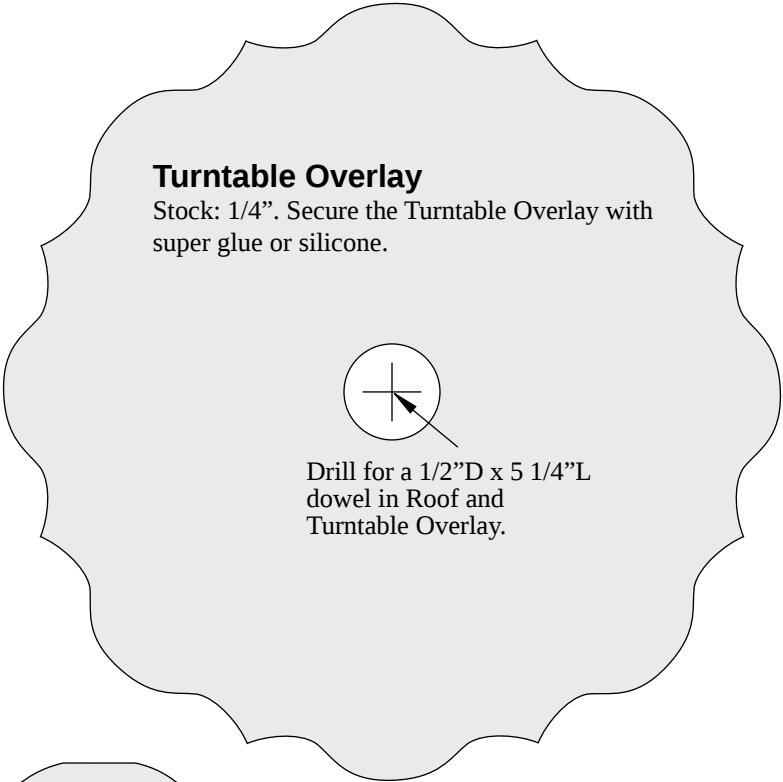
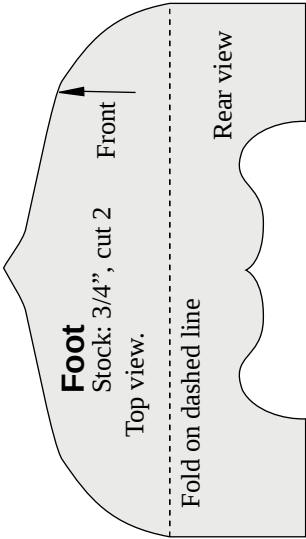
Stock: 1 1/2"

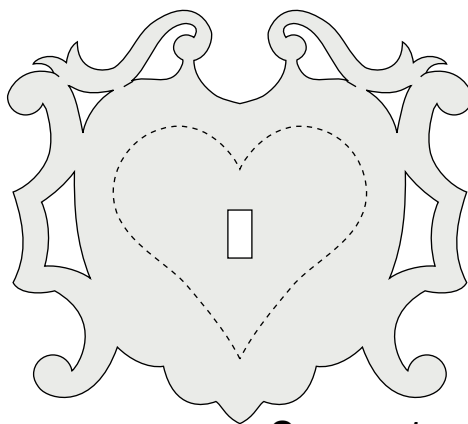
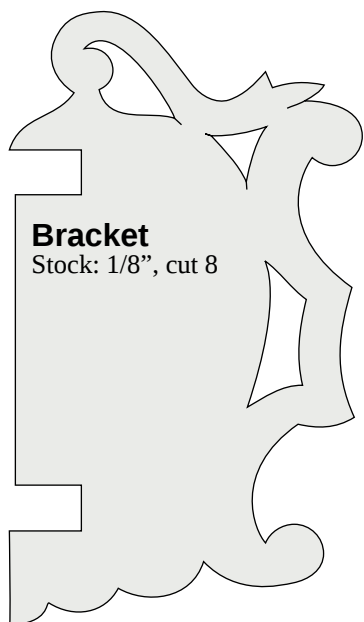
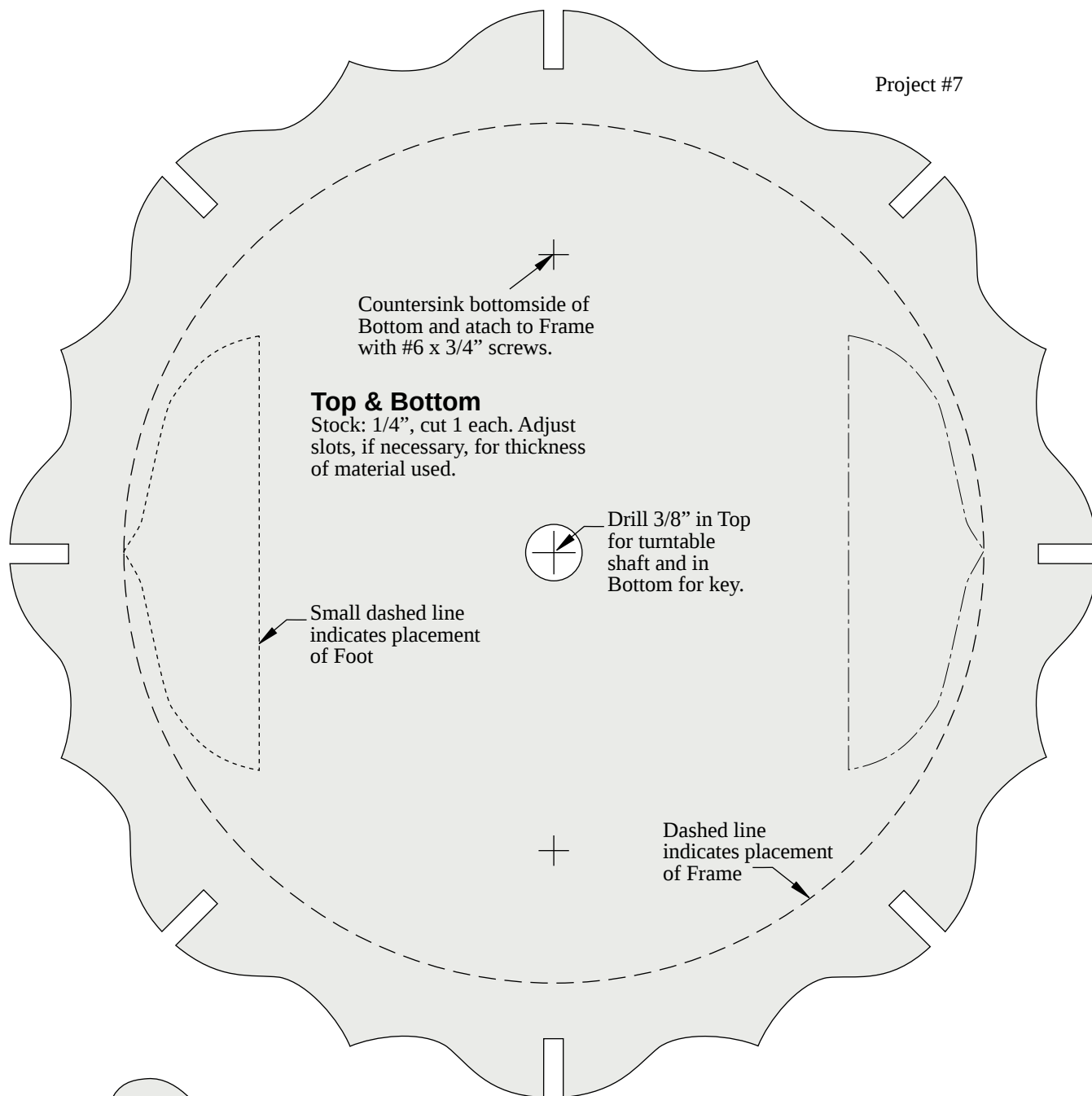
Circle indicates
position of key and
turntable shafts.



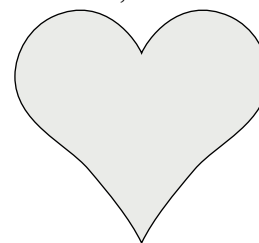
Cut out for music box

Project #7





Ornament Overlay
Stock: 1/8", cut 8



Project #7

22.5° Sand inside
edges 22.5° to fit
in corner of
Crest (A) & (B)
on Roof.

22.5°
Top view 22.5°

Crest Divider
Stock: 1/8", cut 4

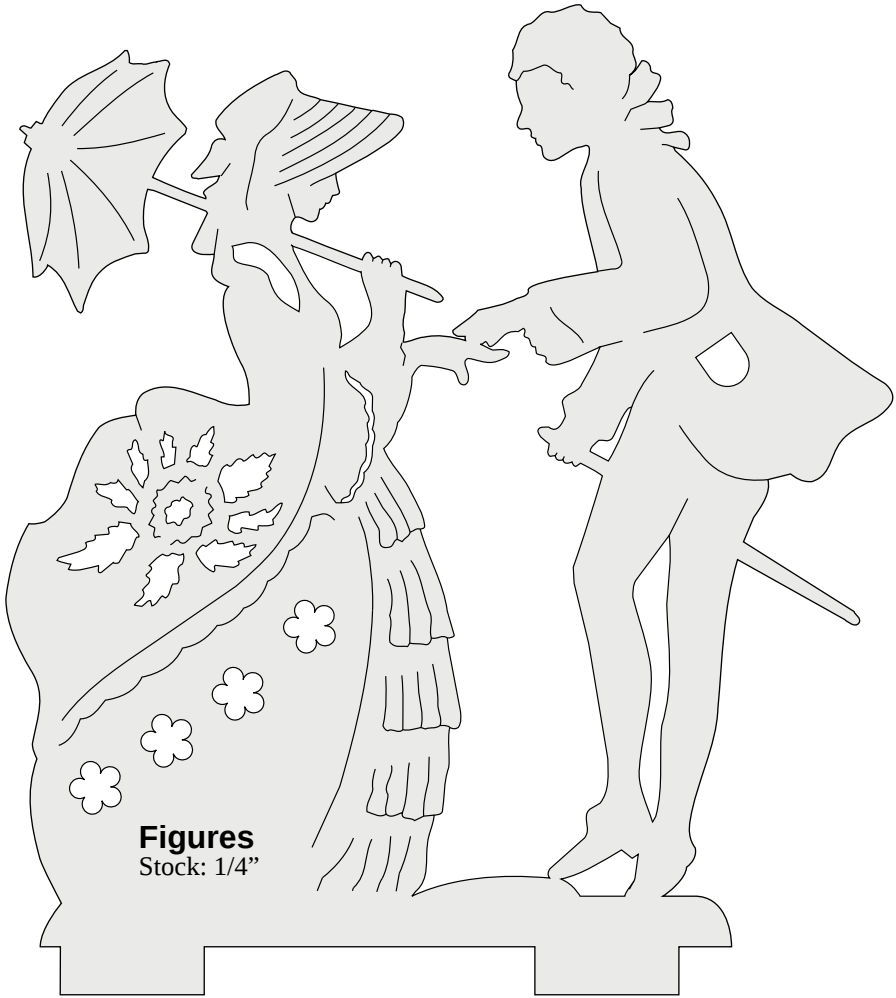
A — Cut this slot for Crest (A)

B — Cut this slot for Crest (B)

Crest (A) & (B)
Stock: 1/8", cut 1 each

Assembly Instructions

Assemble by first attaching the Feet to the Bottom with glue or silicone. Next attach the Frame, making sure the music box movement is secure in place. Place the Top into position on the Frame, being sure all the slots for the Brackets line up before securing it in place. Then secure the Brackets in place. Now attach the Turntable Overlay to the Turntable, and then secure the metal turntable to the bottom of the Turntable. Next, secure the Ceiling to the bottom of the Roof. Then insert the dowel until it is flush with the top of the Roof and glue in place. Now secure both Crest (B) and (A) into place on the Roof, and then add the Crest Dividers. Secure the Angels into place in the Ceiling, and the Ornament Overlays and Ornaments on the tabs of the Crest and Crest Dividers. Now, secure the dowel into the Turntable assembly, and attach the metal turntable to the movement.



Project #8

Turntable

Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

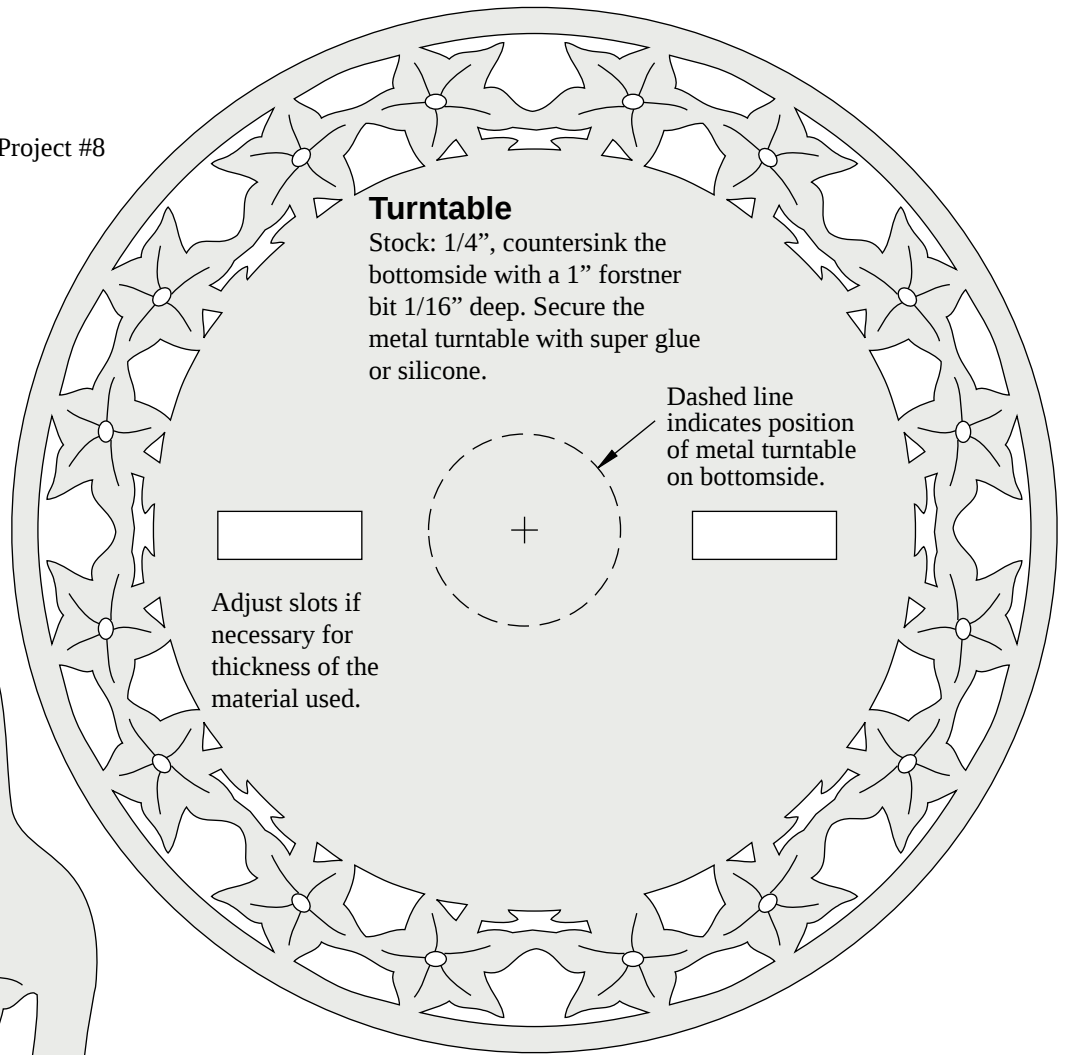
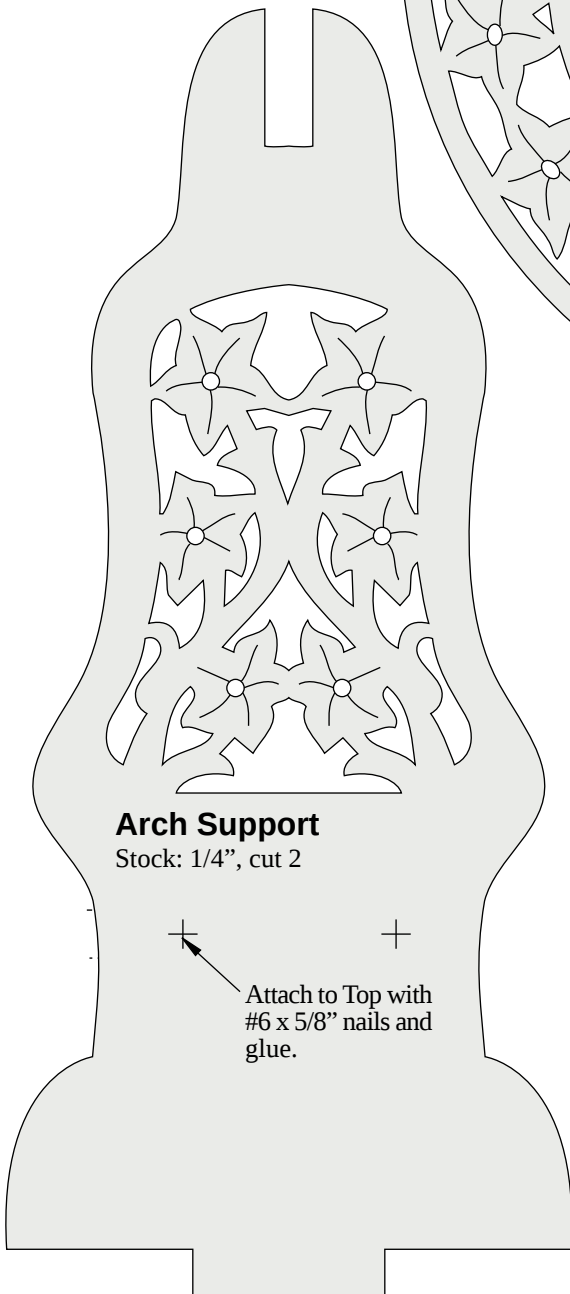
Dashed line indicates position of metal turntable on bottomside.

Adjust slots if necessary for thickness of the material used.

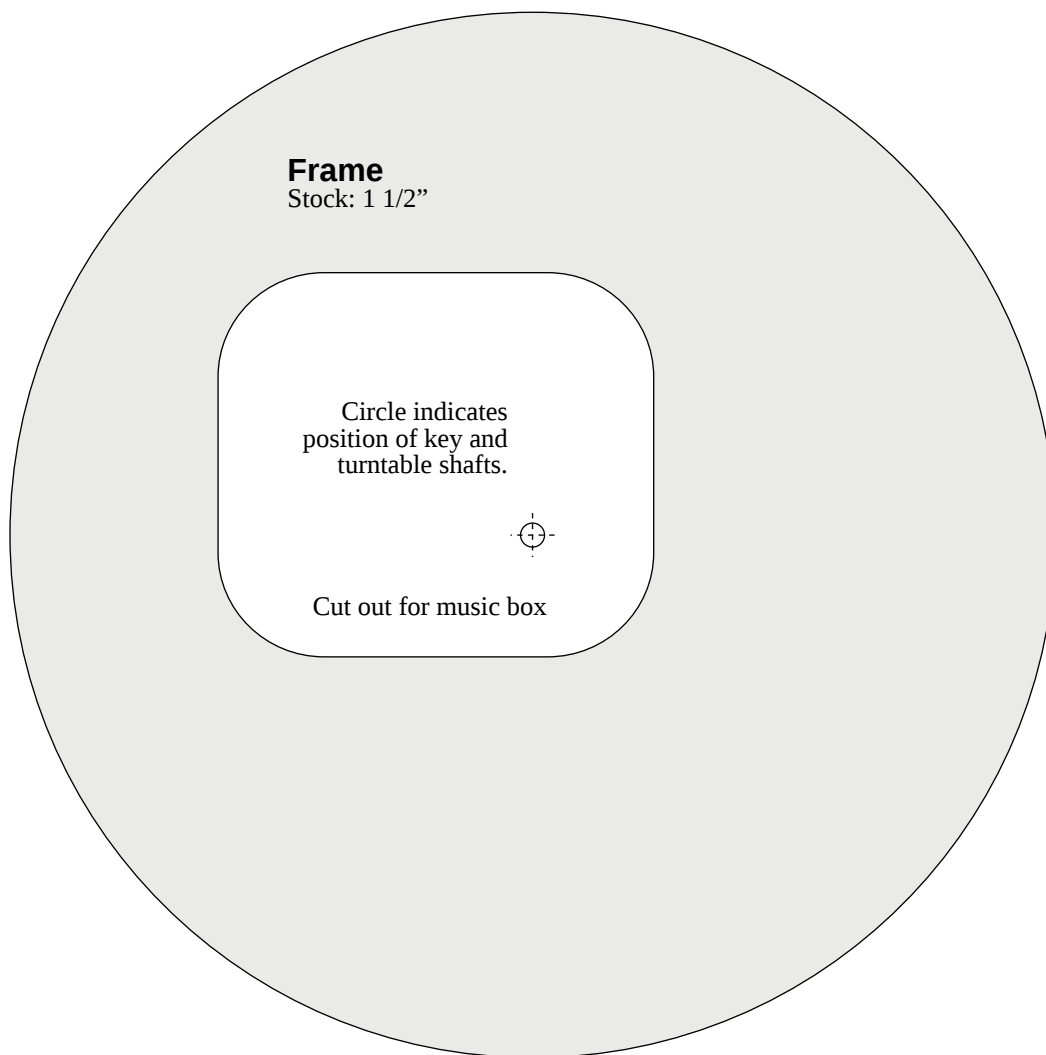
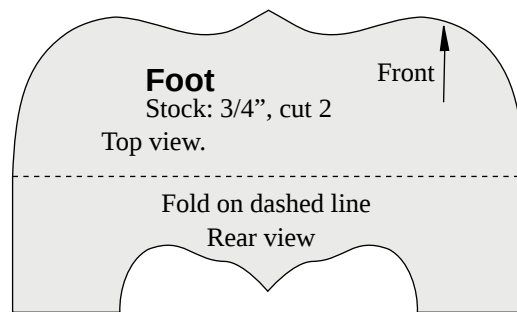
Arch Support

Stock: 1/4", cut 2

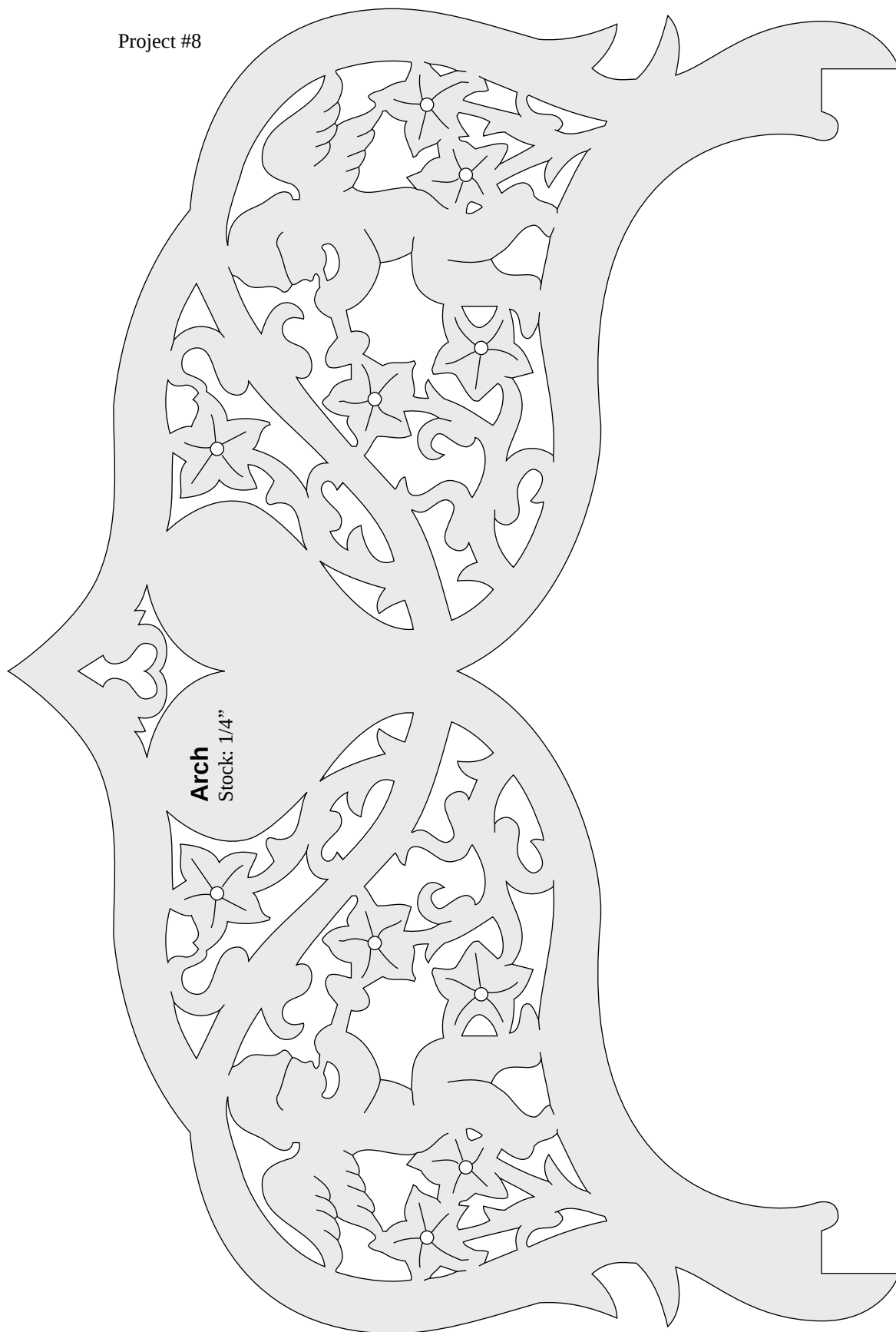
Attach to Top with #6 x 5/8" nails and glue.

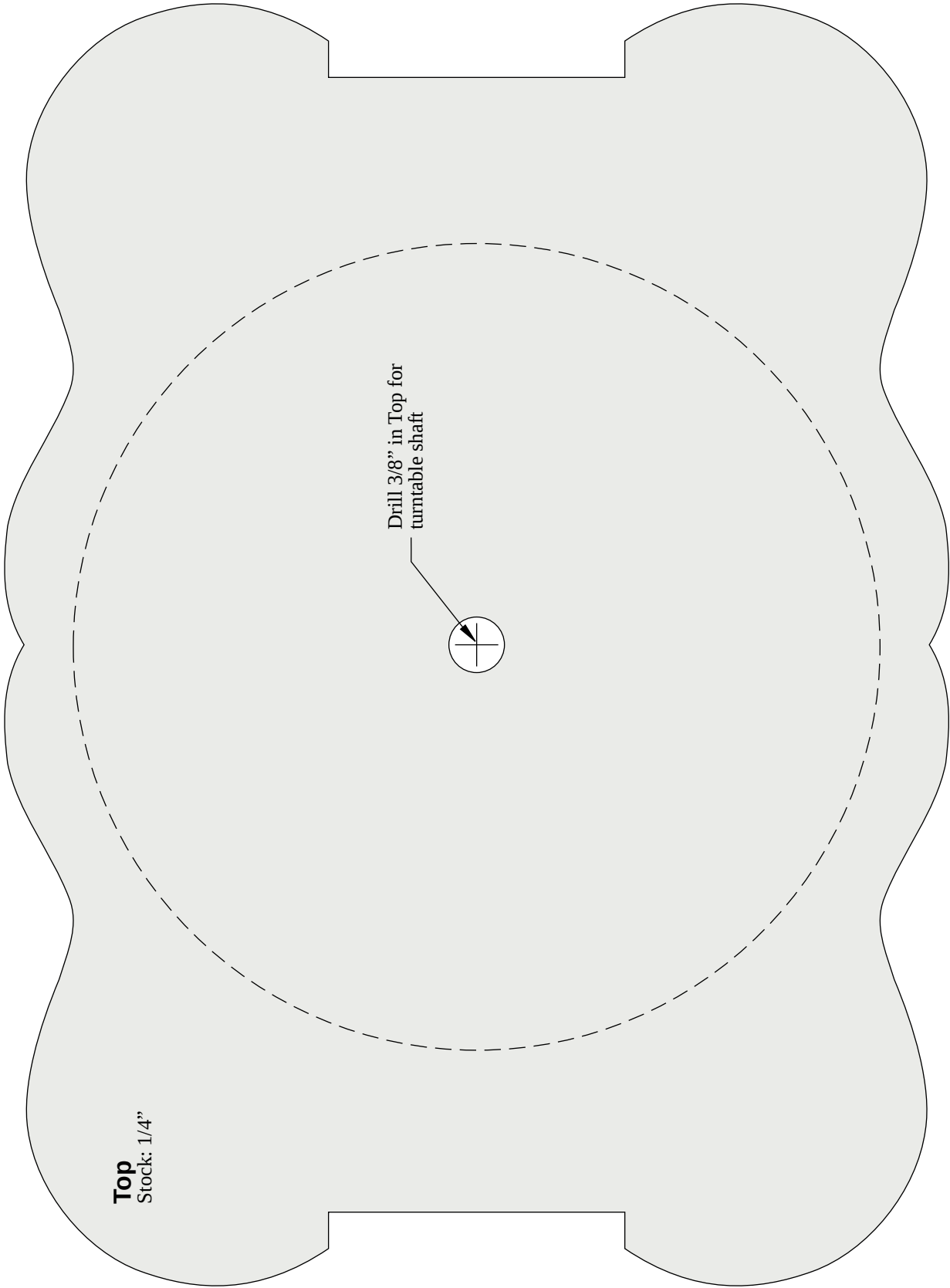


Project #8



Project #8

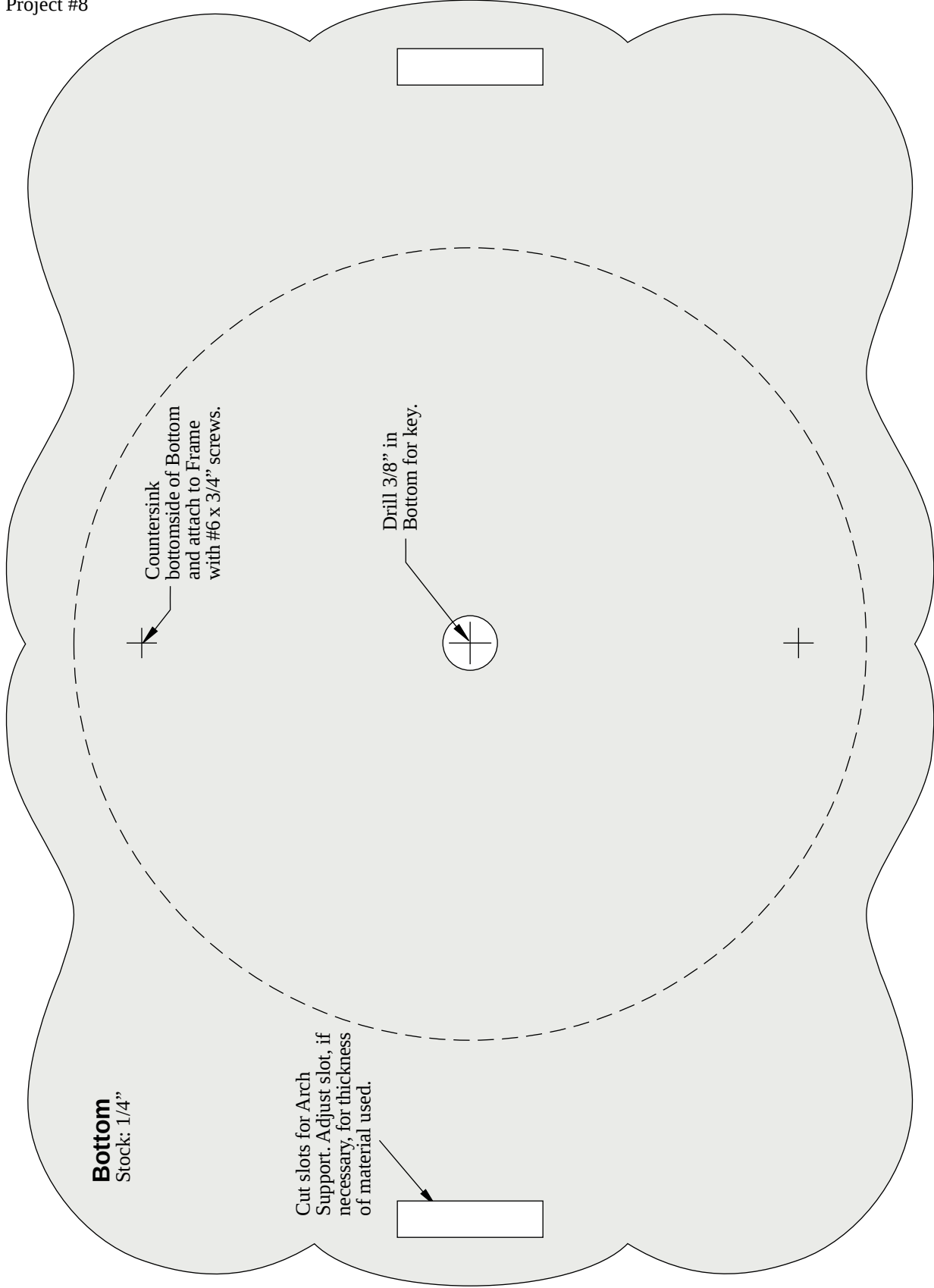




Top
Stock: 1/4"

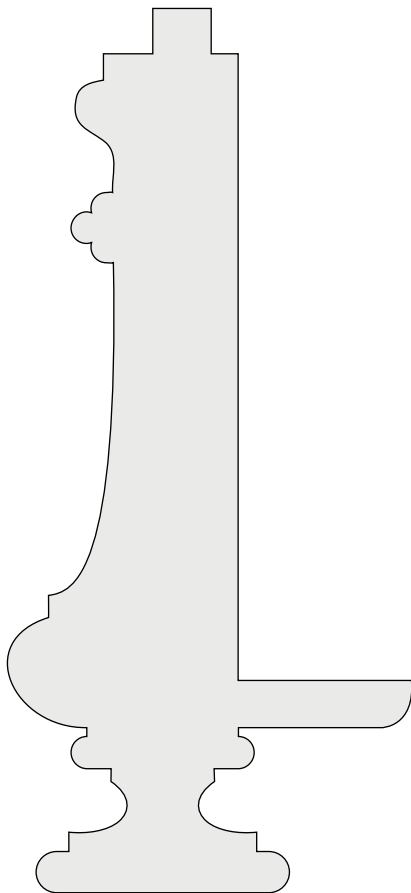
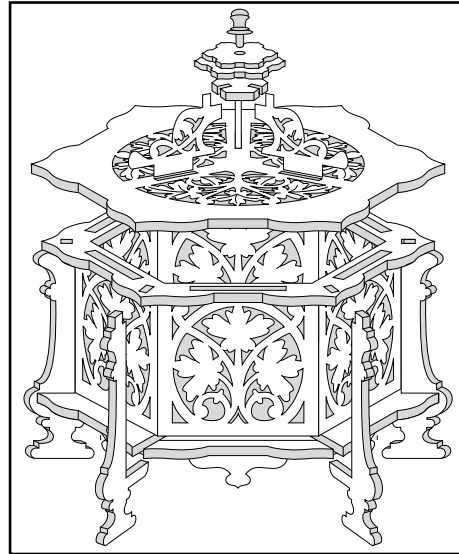
Drill 3/8" in Top for
turntable shaft

Project #8



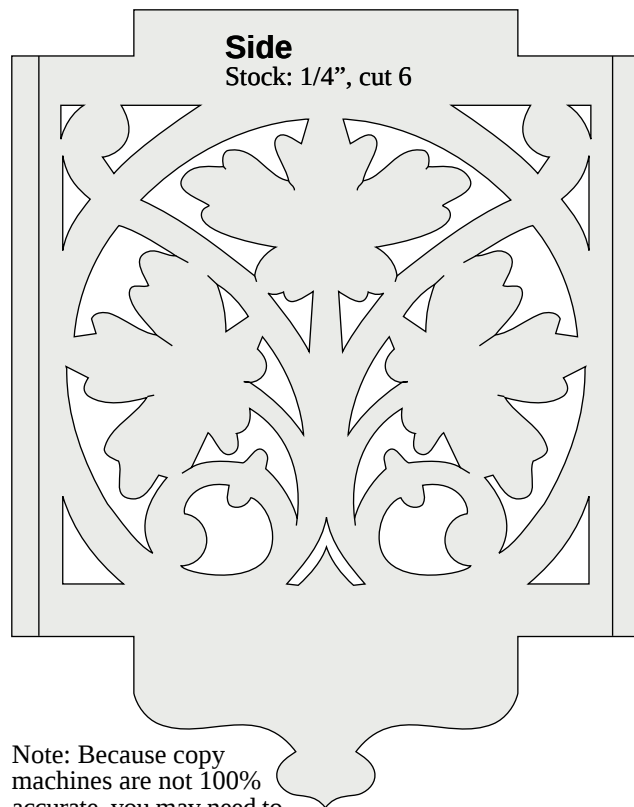
Assembly Instructions

Assemble by first attaching one Side Support and one Side to the Bottom. Continue in a clockwise direction with the remaining Side Supports and Sides. Next, secure the Top into position. Now attach the Lid Underlay to the bottom of the Lid. Then secure the Handles, Handle Support, Overlay, and Top Overlay into position.



Side Support
Stock: 1/4", cut 6

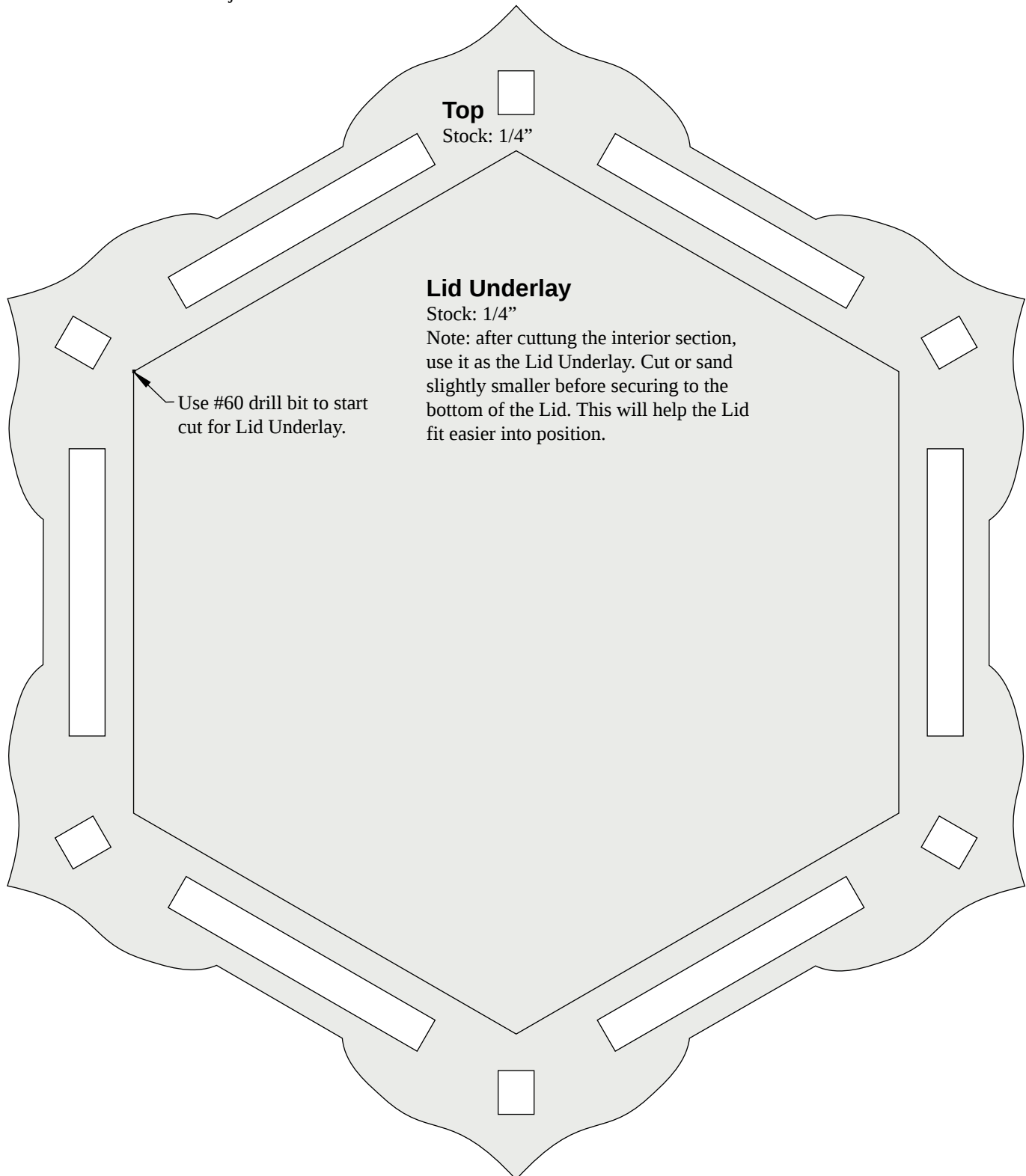
30° Top view 30°

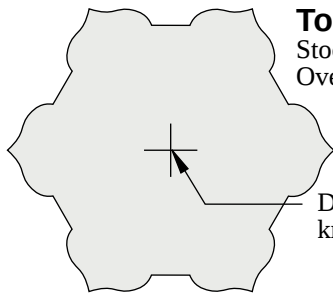


Note: Because copy machines are not 100% accurate, you may need to adjust the width.

Project #9

Note: Most copy machines are not 100% accurate, which can result in distortion of your pattern pieces. Since this project has several slots and tab connections, it may be necessary to adjust them for an accurate fit.



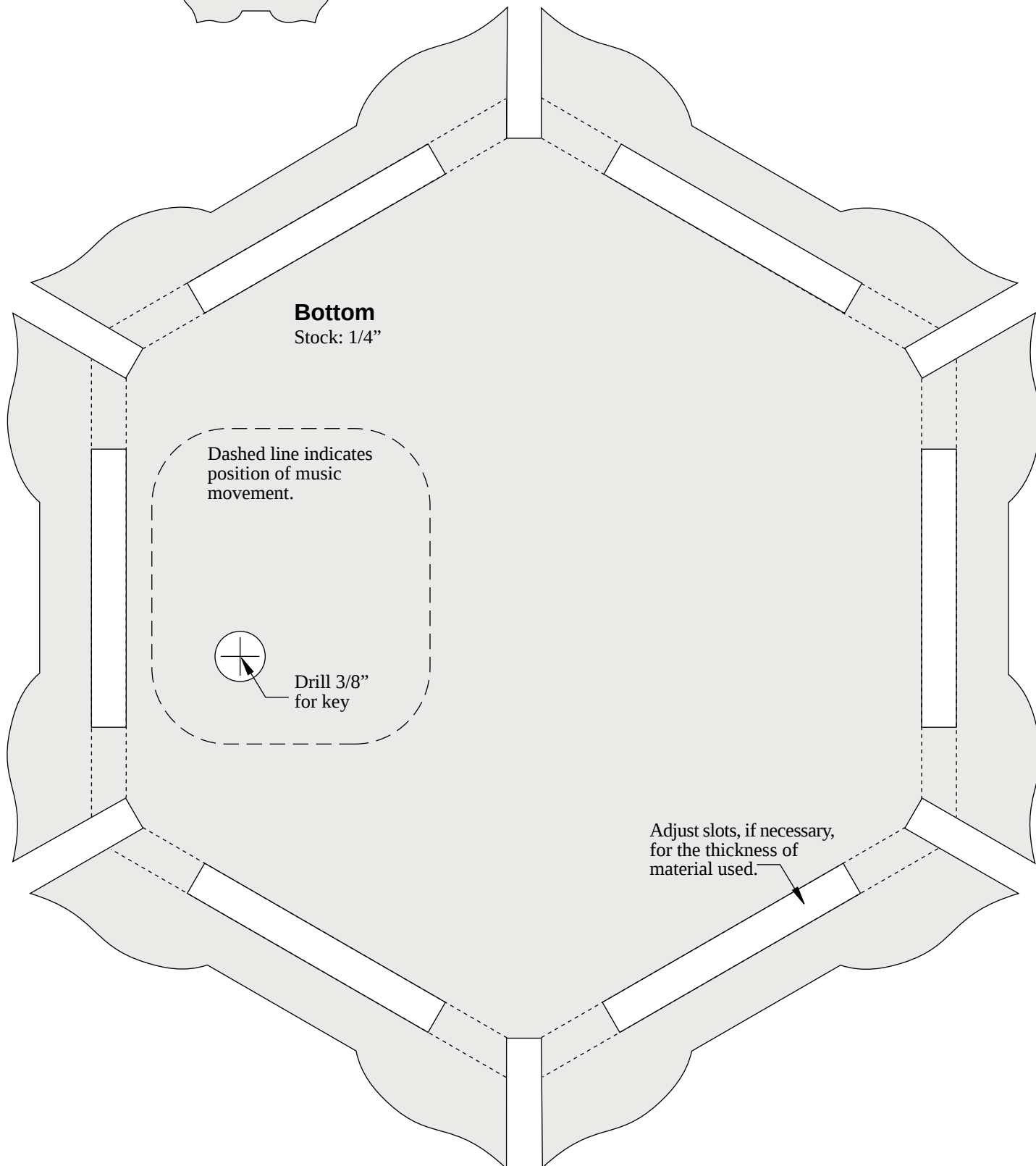


Top Overlay

Stock: 1/8". Attach to Overlay with glue.

Drill for finial or brass knob of your choice.

Project #9



Bottom

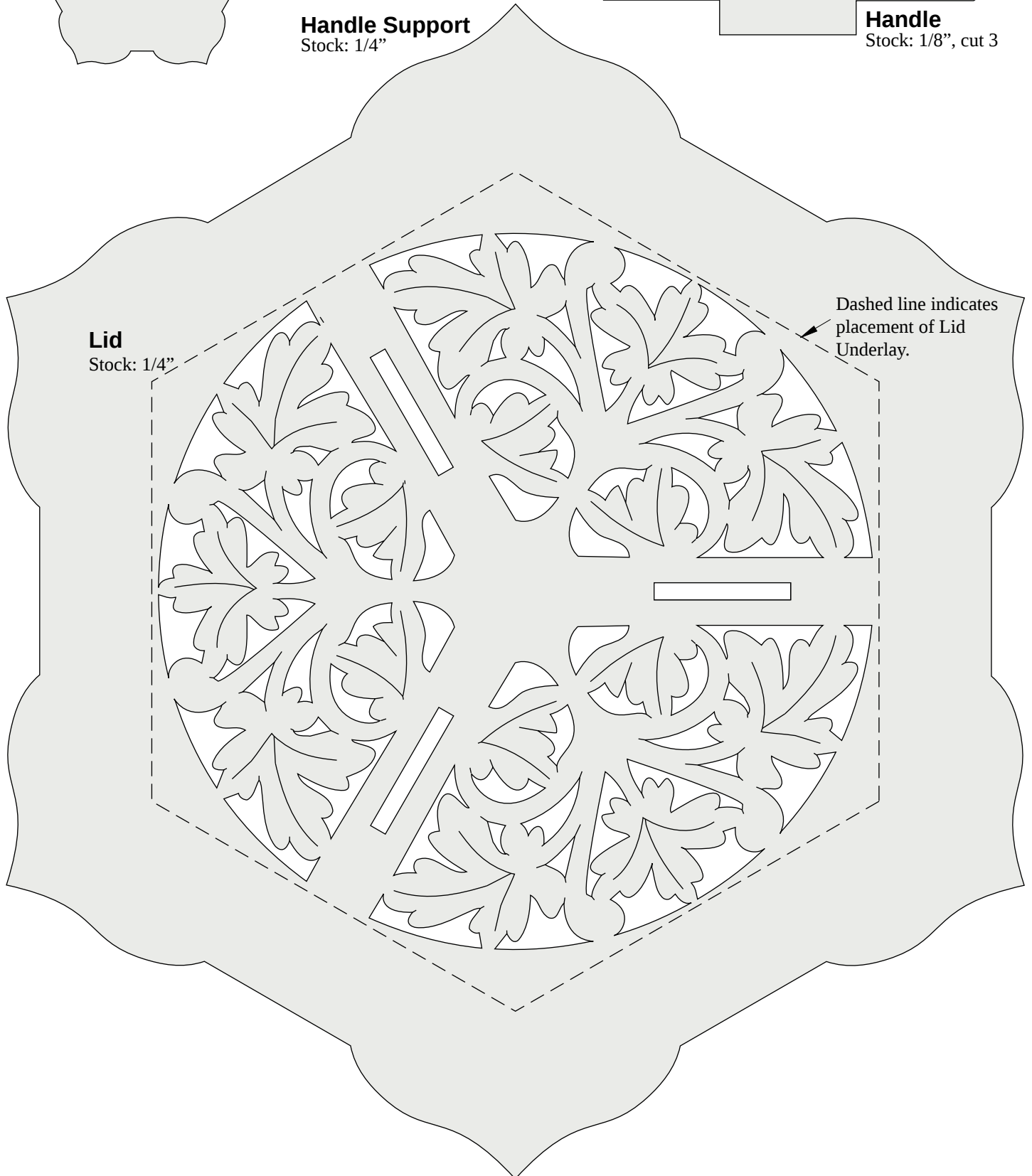
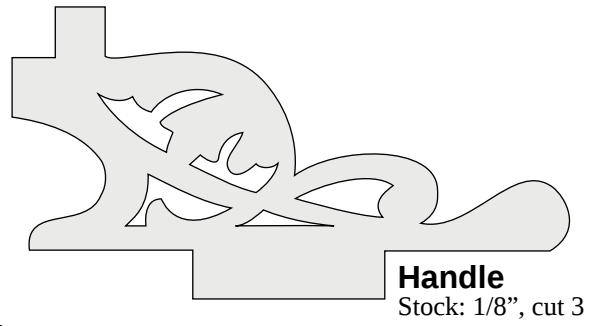
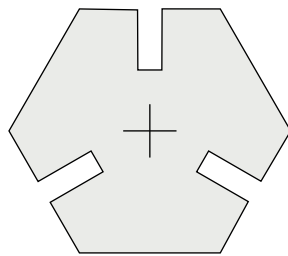
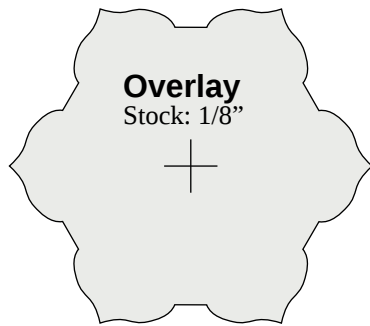
Stock: 1/4"

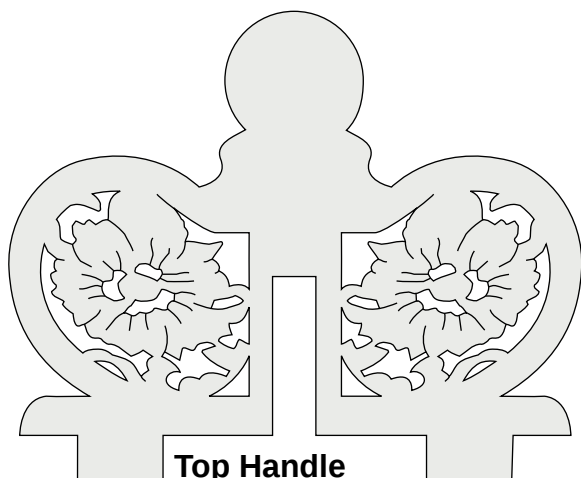
Dashed line indicates position of music movement.

Drill 3/8" for key

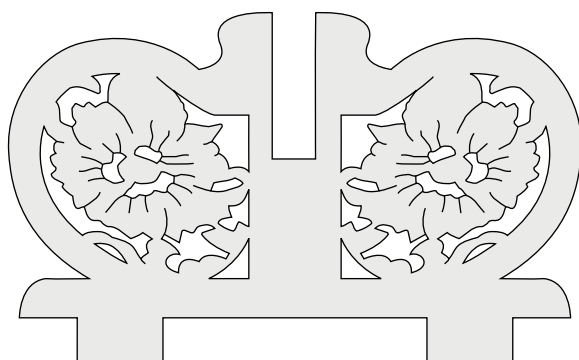
Adjust slots, if necessary, for the thickness of material used.

Project #9

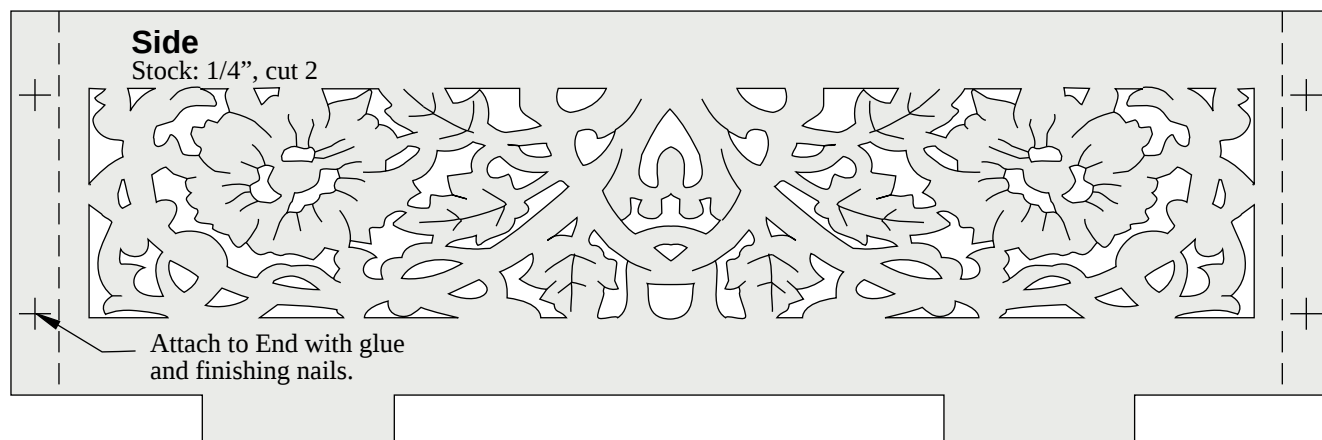
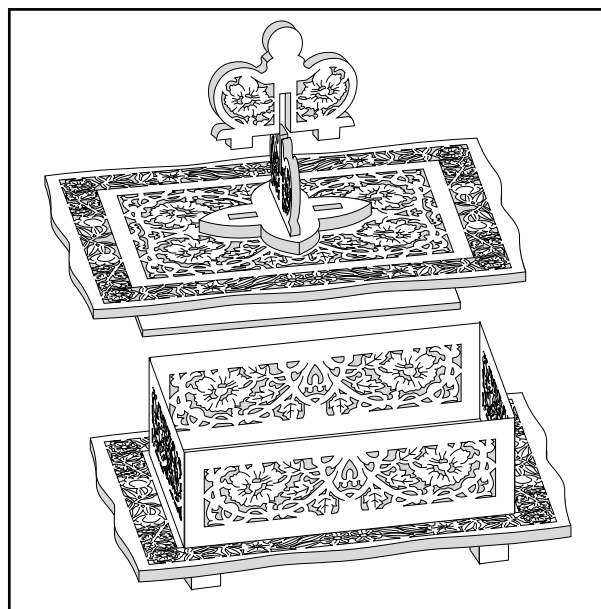




Top Handle
Stock: 1/4"

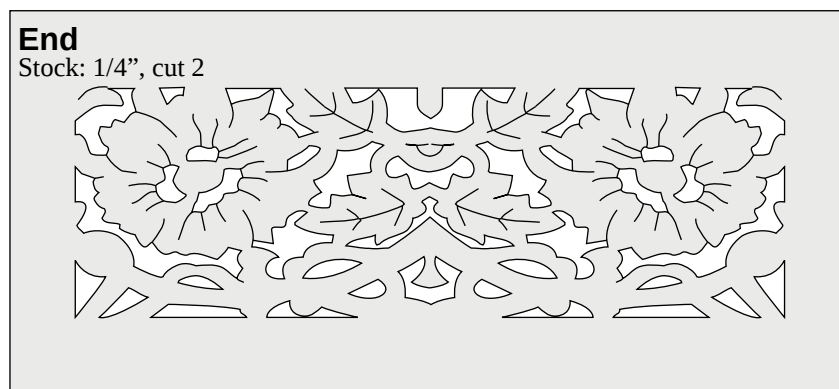


Bottom Handle
Stock: 1/4"



Side
Stock: 1/4", cut 2

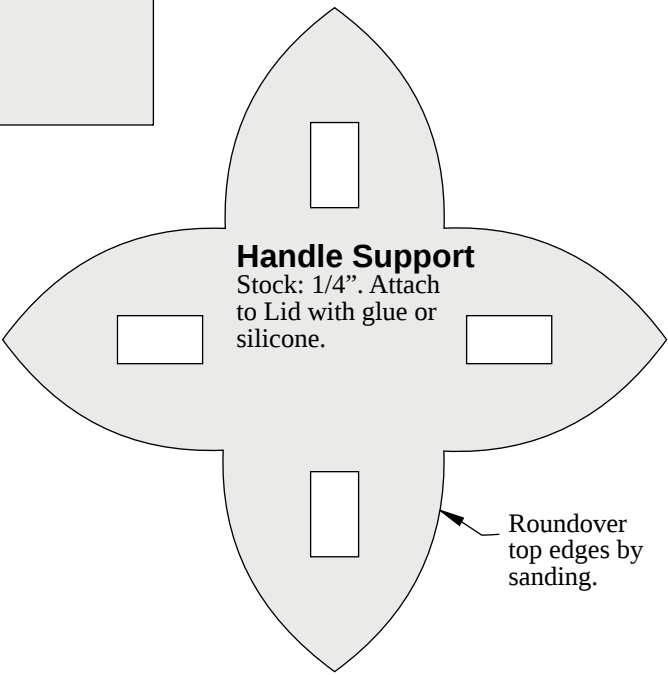
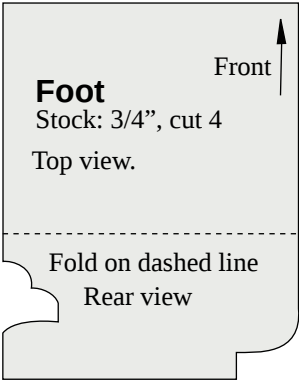
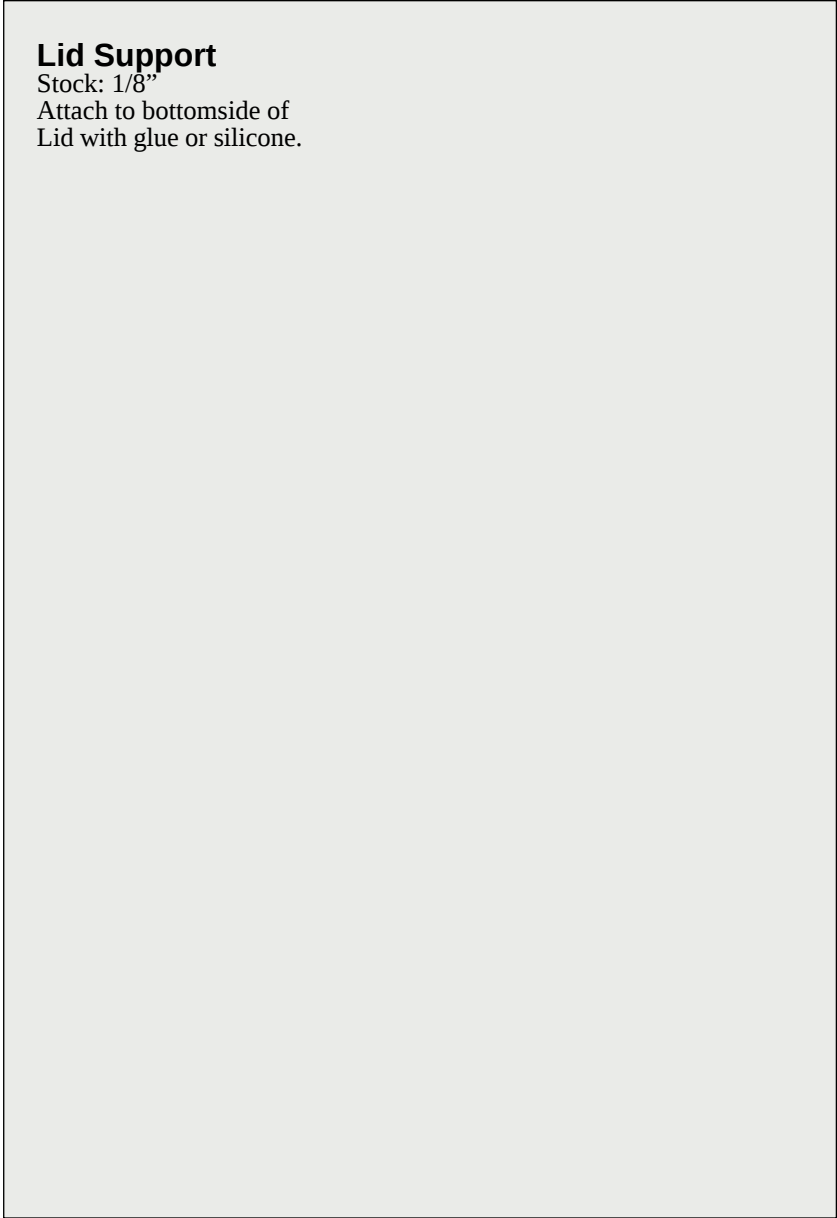
Attach to End with glue
and finishing nails.



End
Stock: 1/4", cut 2

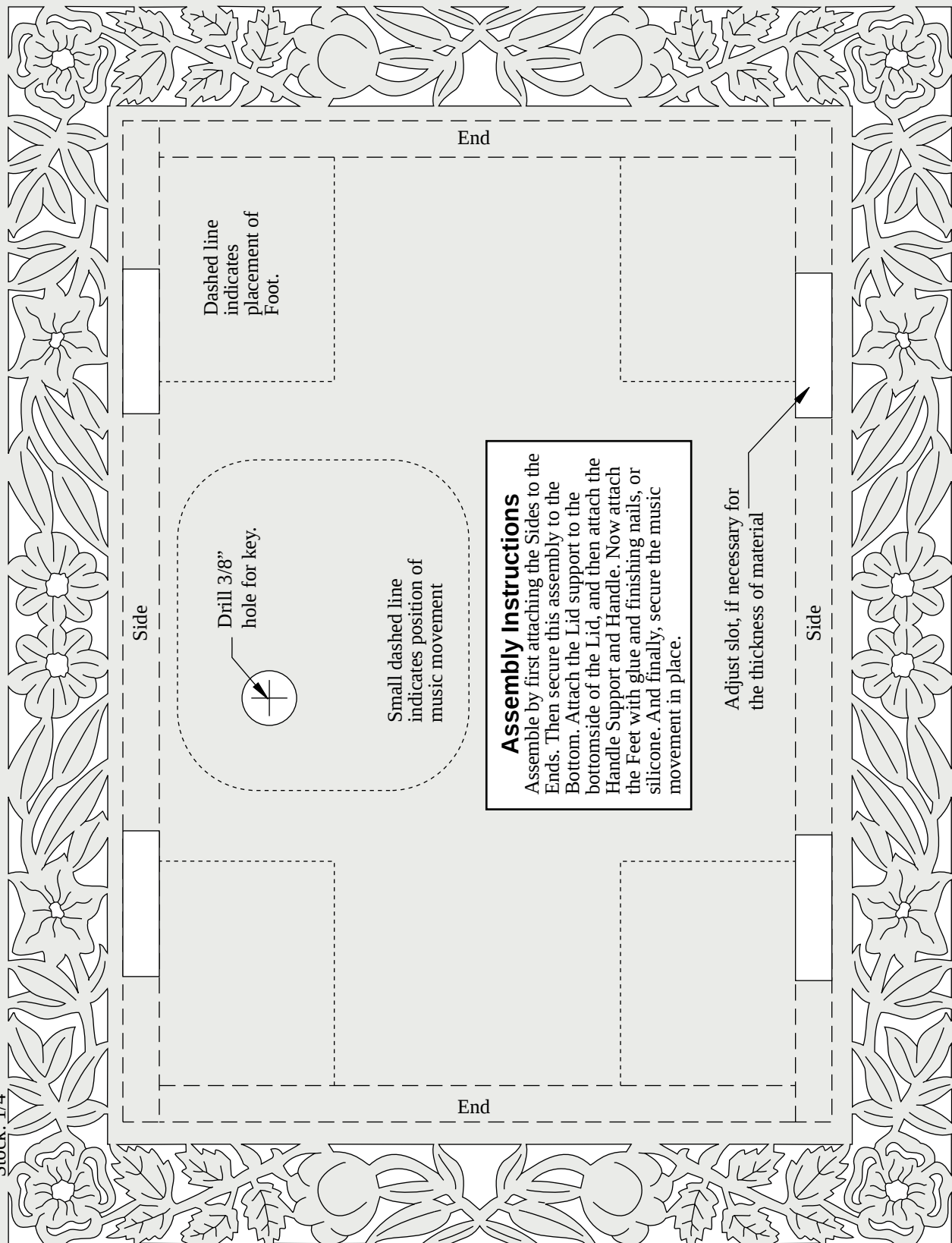
Lid Support

Stock: 1/8"
Attach to bottomside of
Lid with glue or silicone.

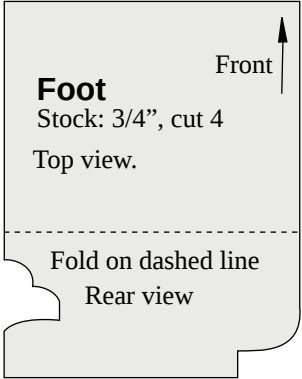
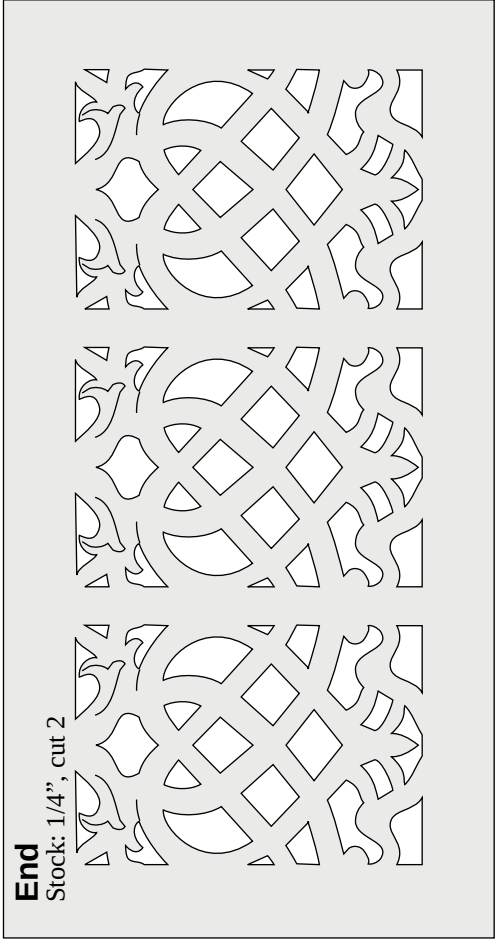
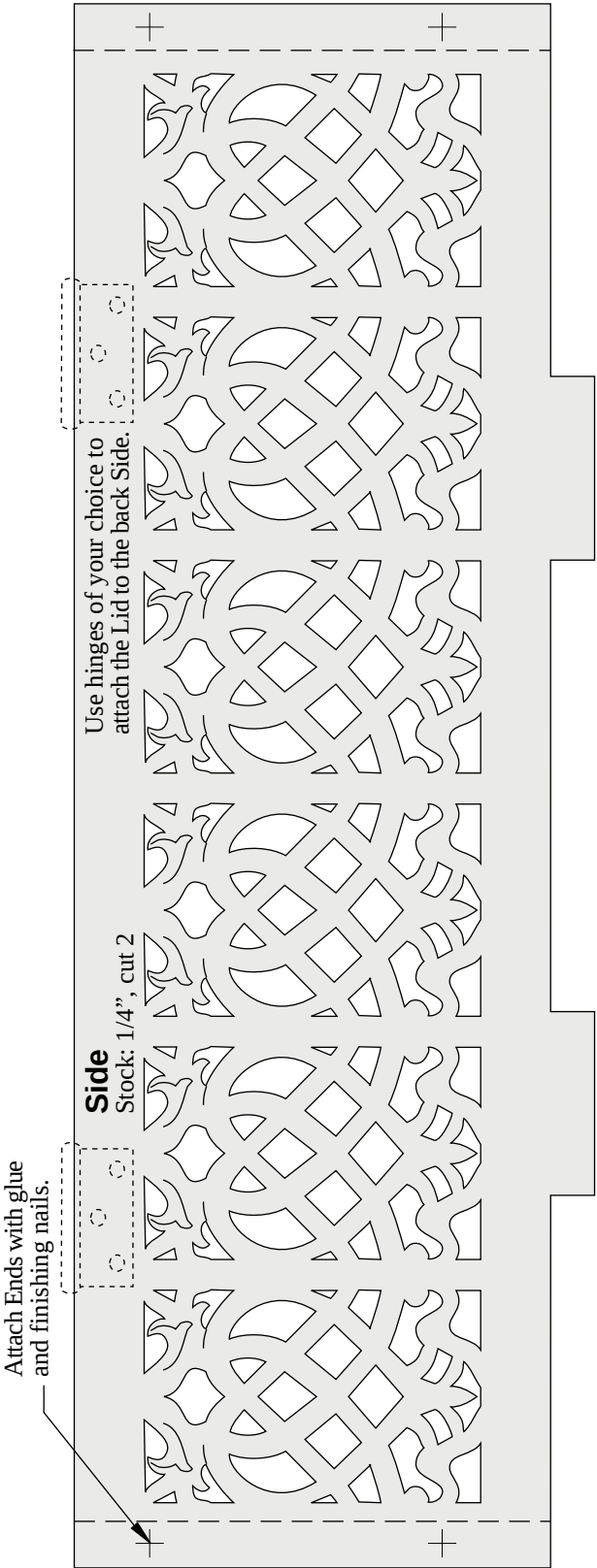
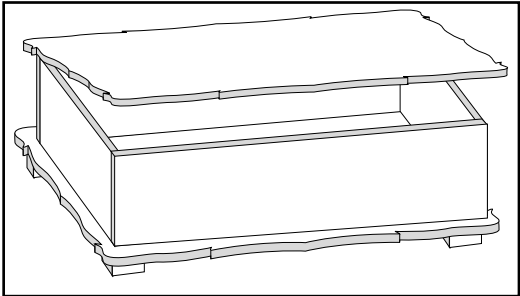


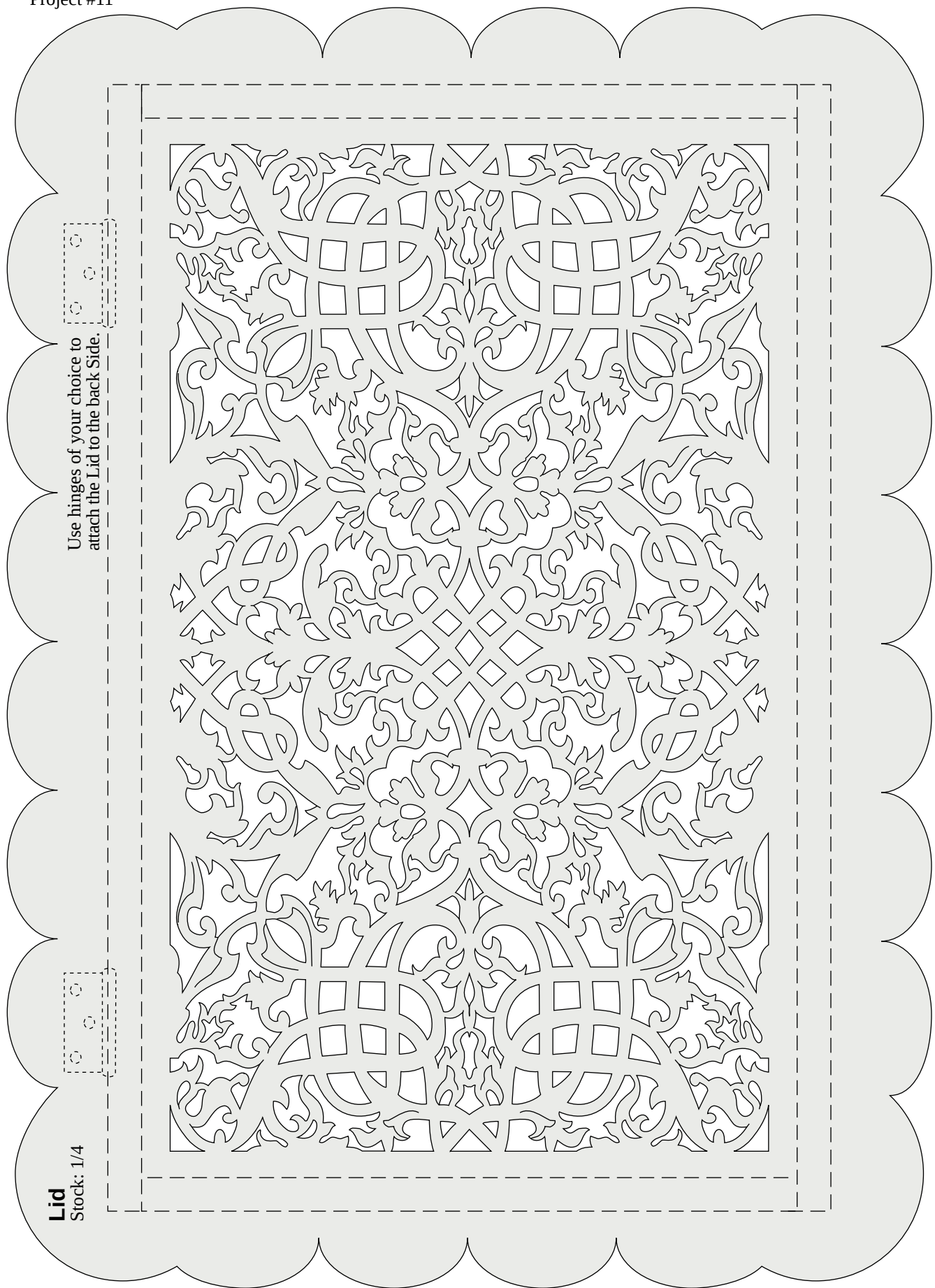
Bottom

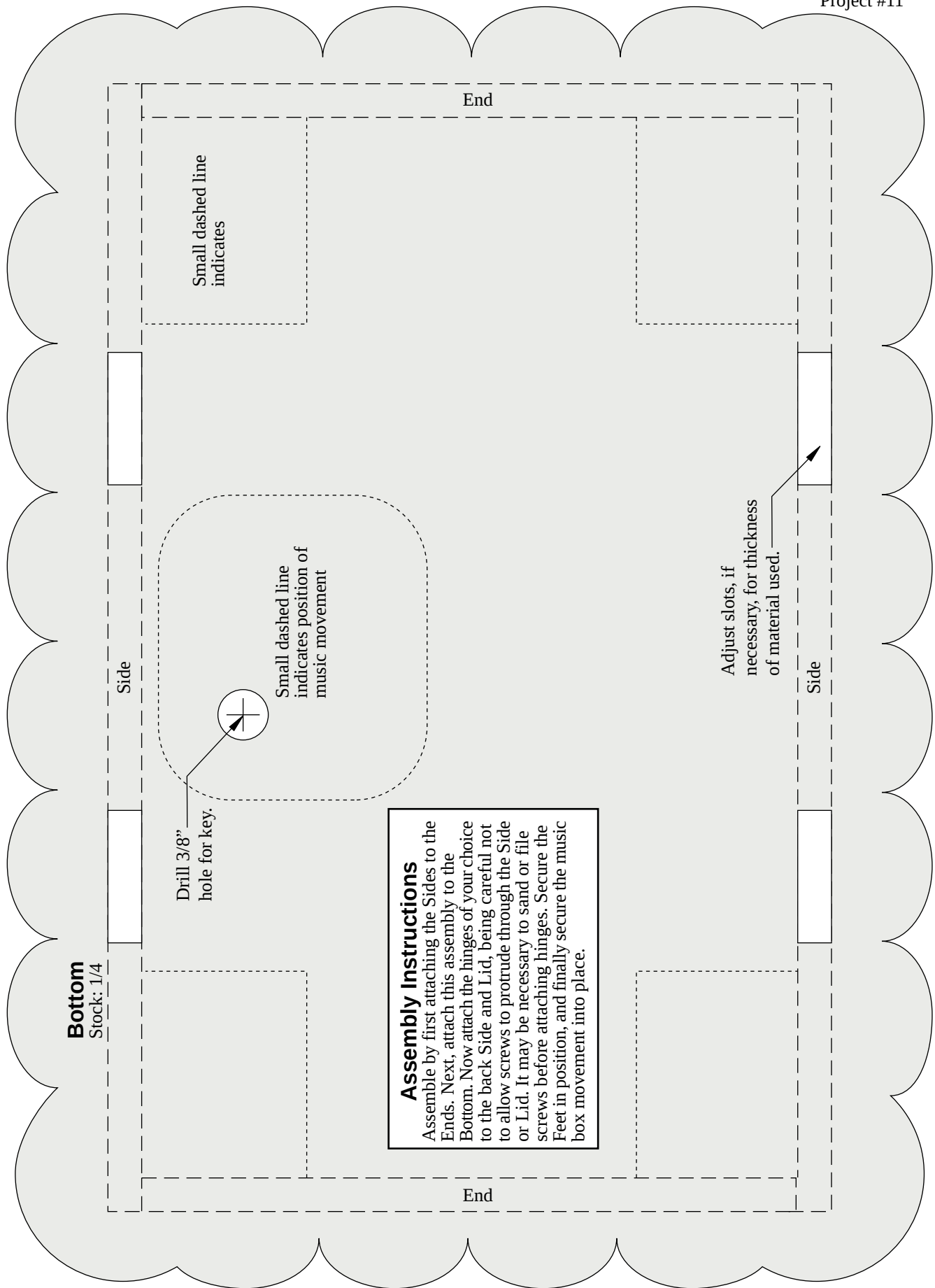
Stock: 1/4"



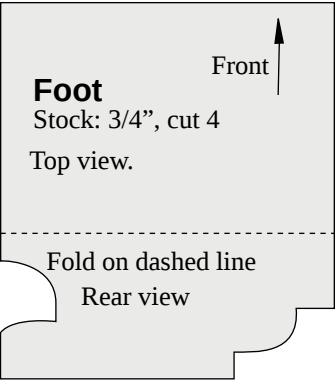
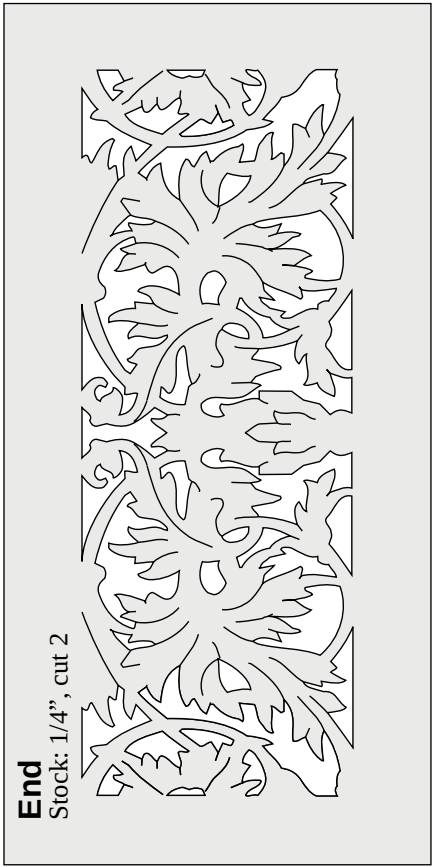
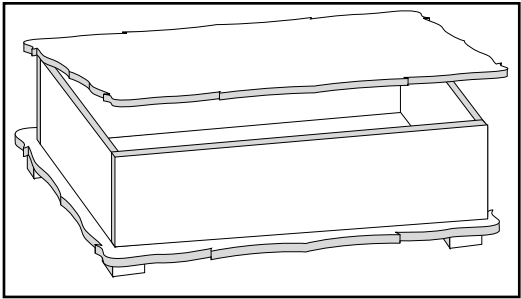
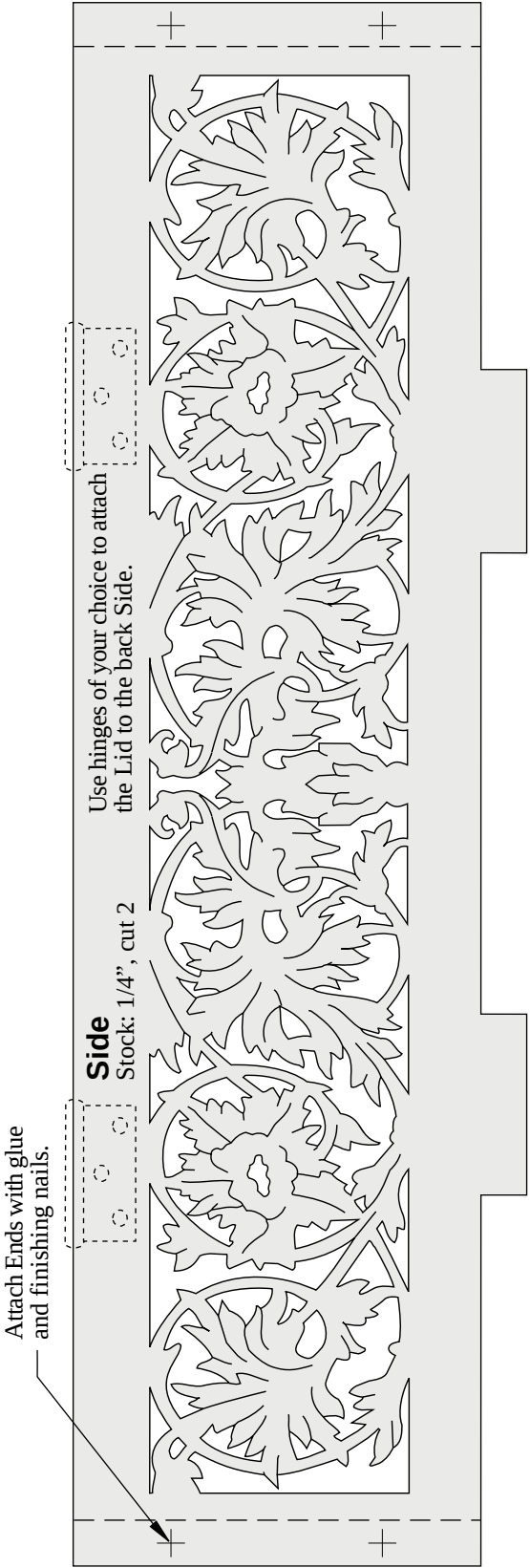


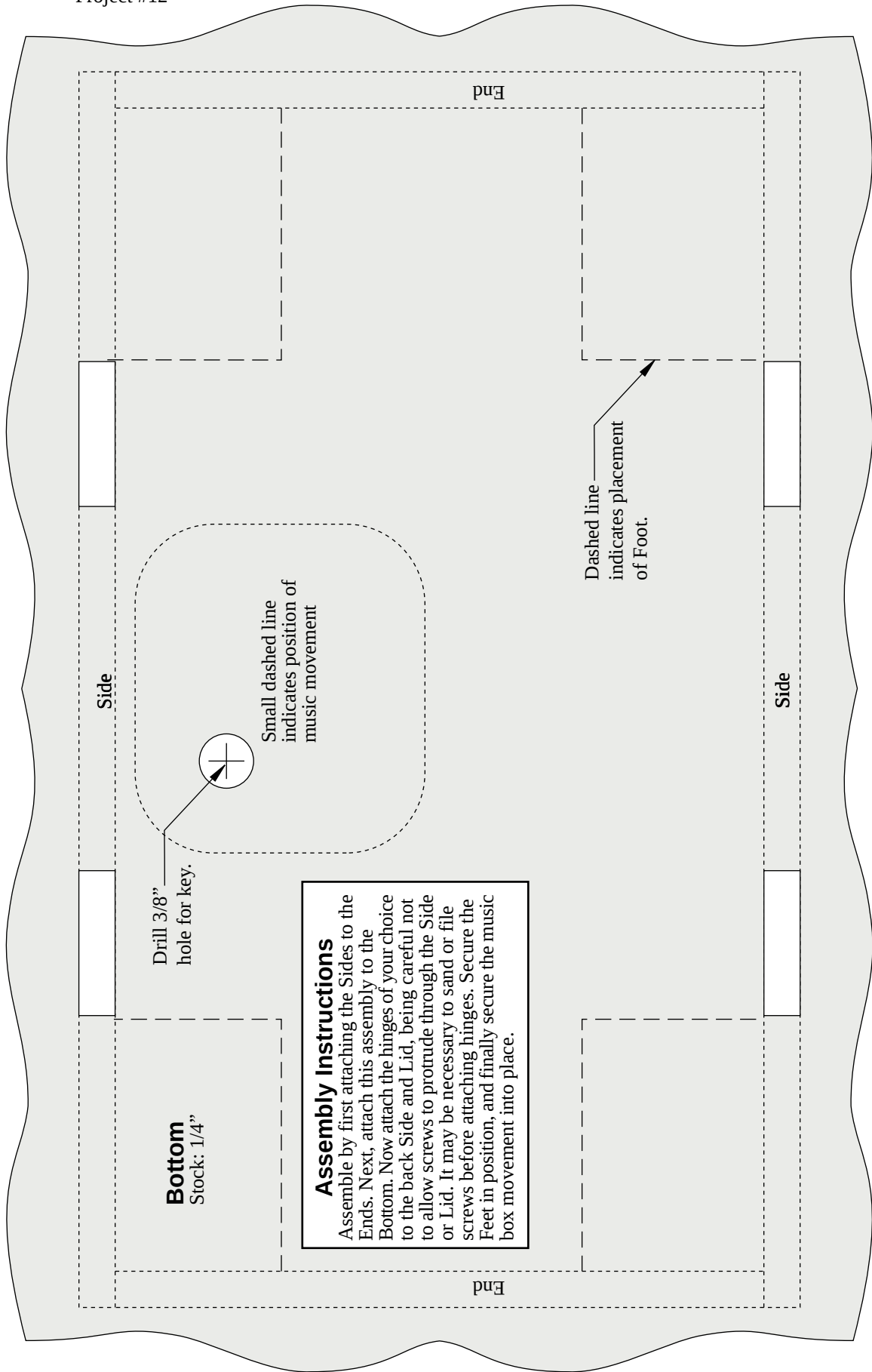


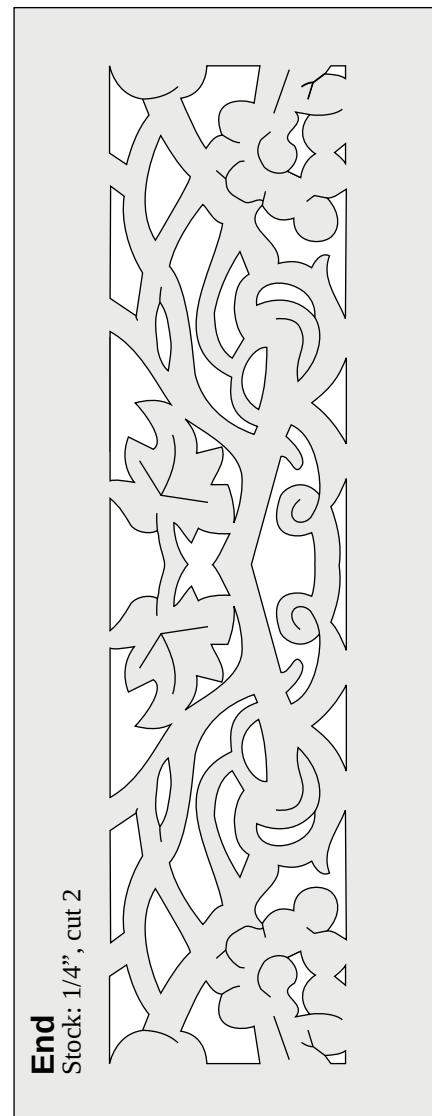
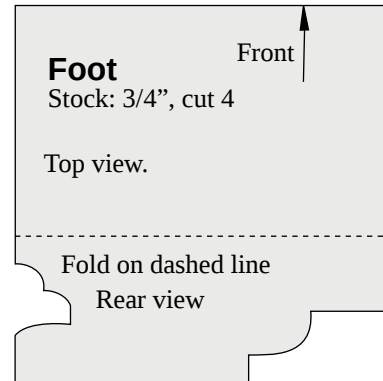
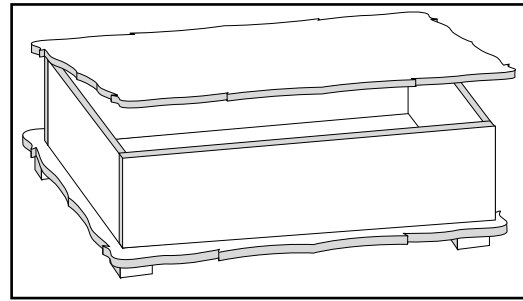
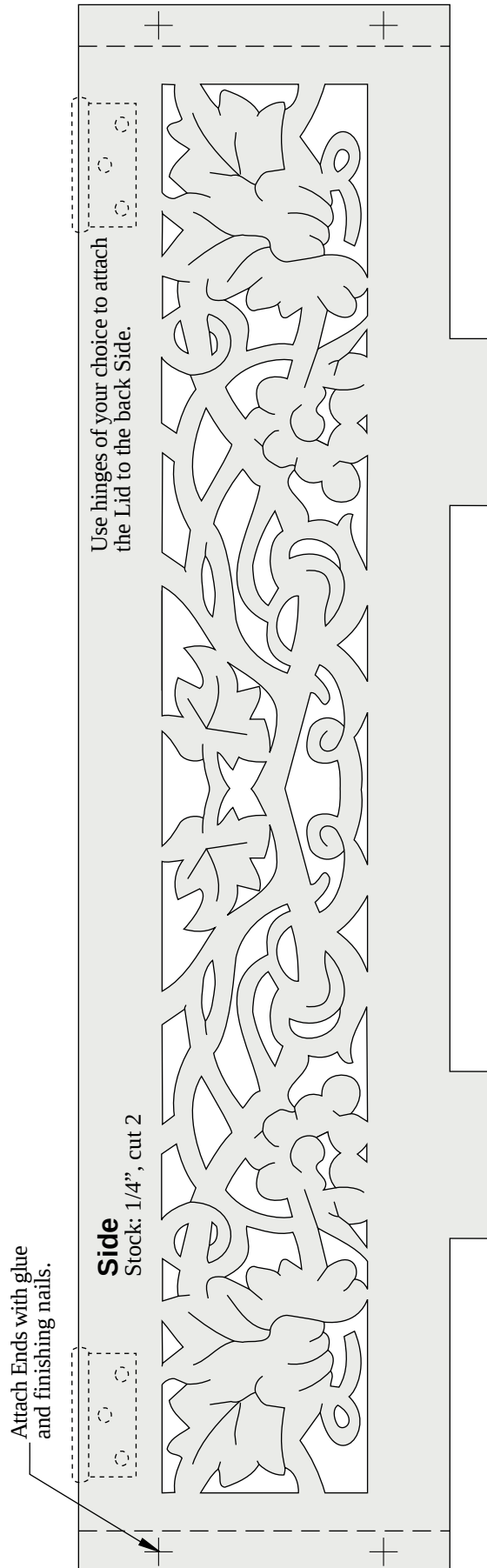


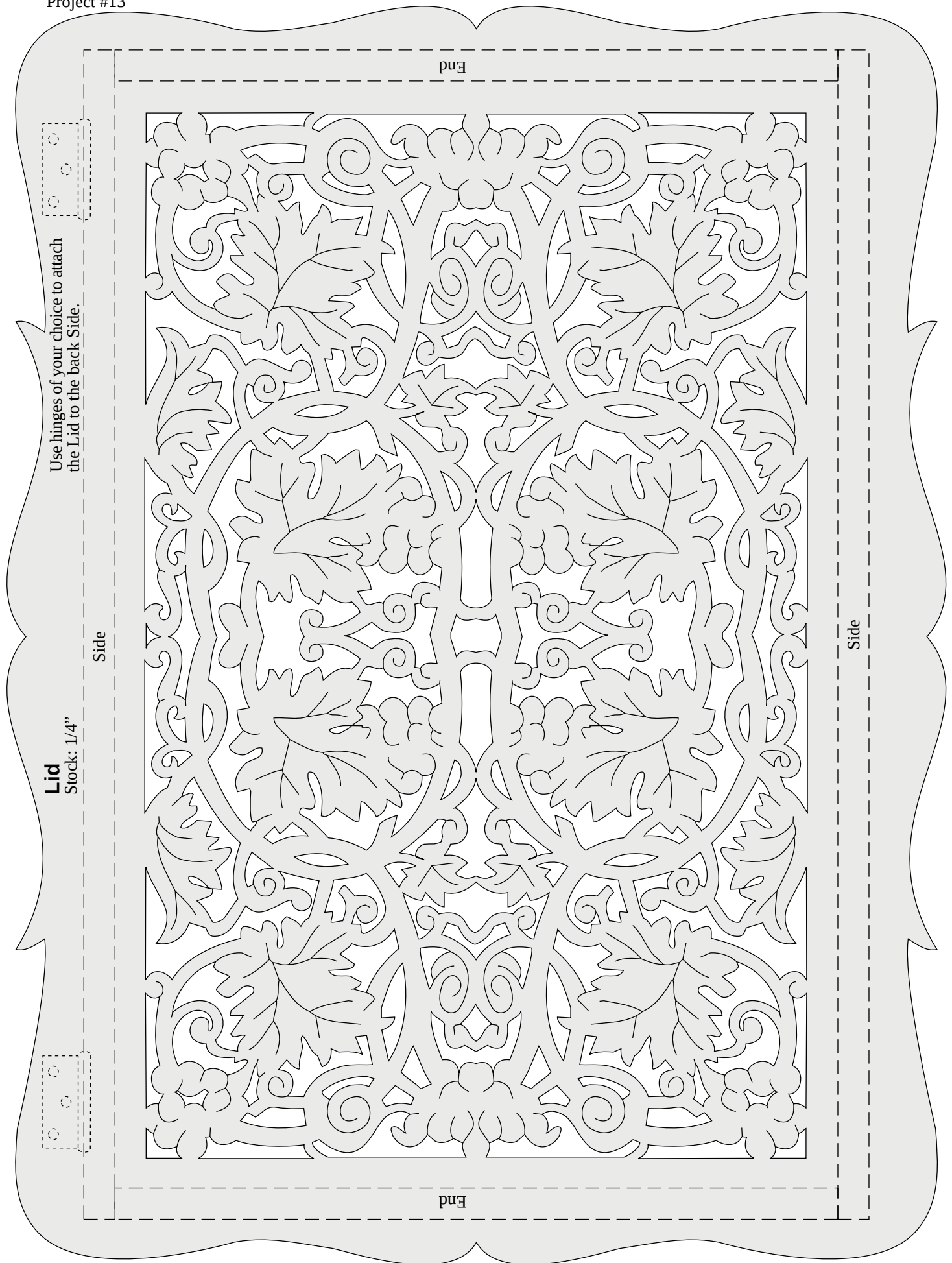






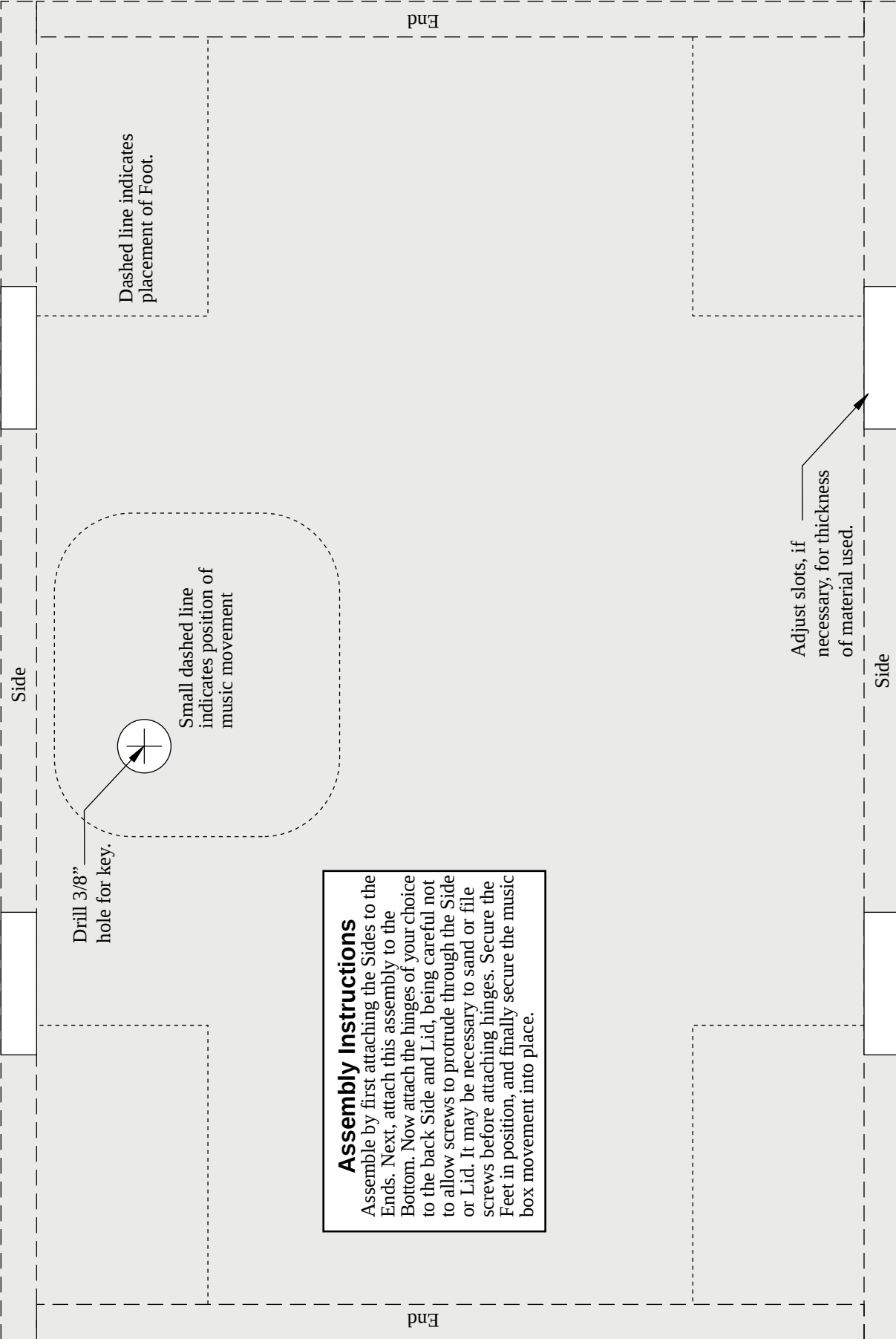






Bottom

Stock: 1/4"



Assembly Instructions

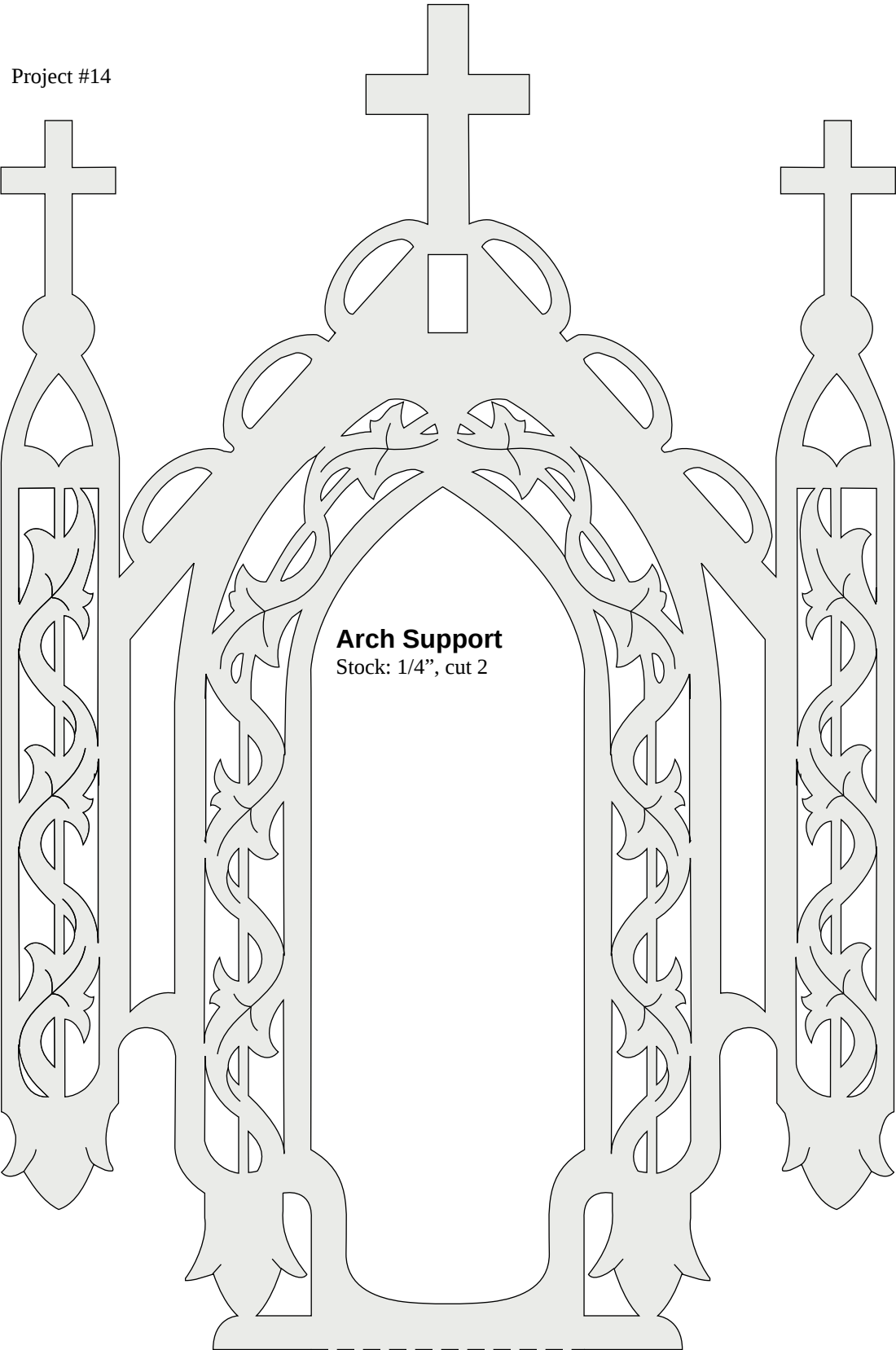
Assemble by first attaching the Sides to the Ends. Next, attach this assembly to the Bottom. Now attach the hinges of your choice to the back Side and Lid, being careful not to allow screws to protrude through the Side or Lid. It may be necessary to sand or file screws before attaching hinges. Secure the Feet in position, and finally secure the music box movement into place.

Adjust slots, if necessary, for thickness of material used.

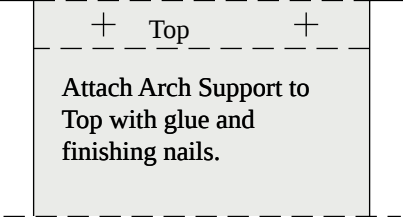
Dashed line indicates placement of Foot.

Small dashed line indicates position of music movement

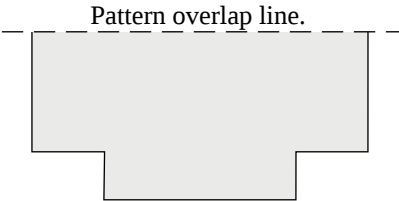
Drill 3/8" hole for key.

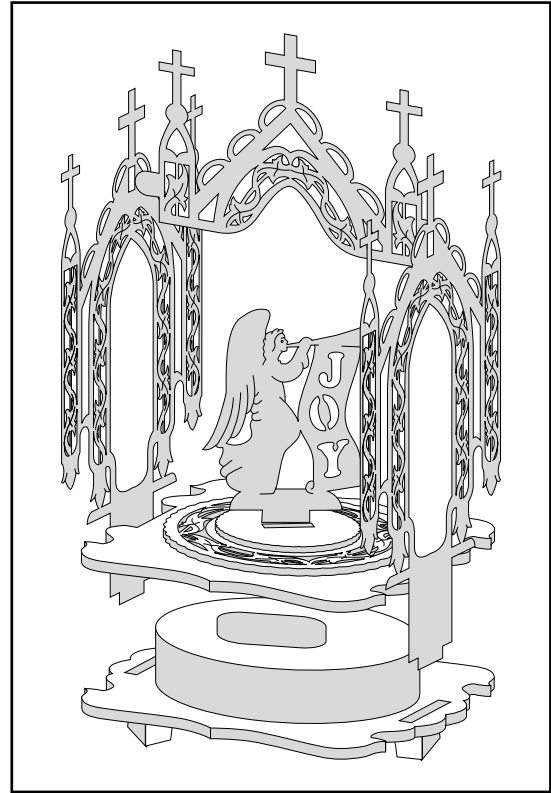
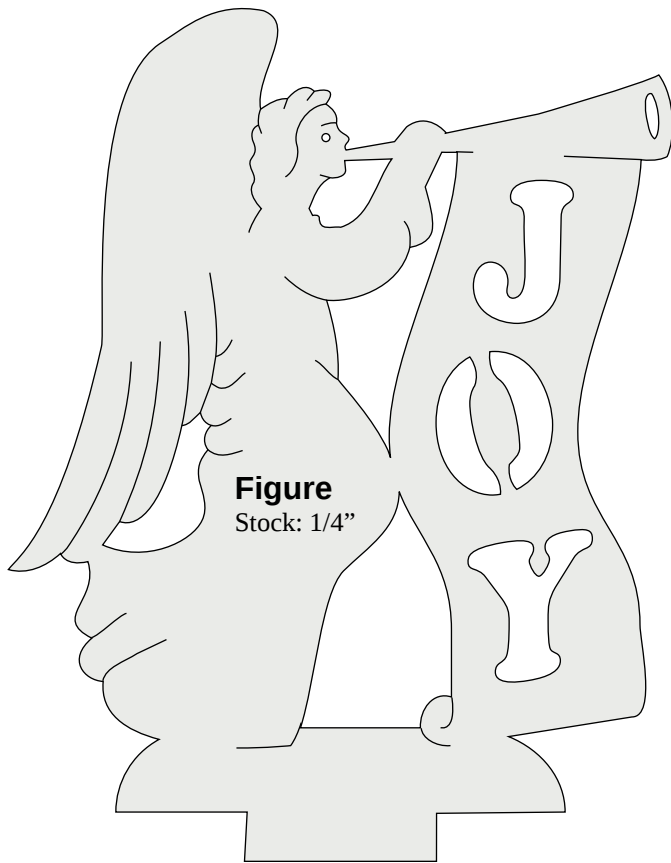


Arch Support
Stock: 1/4", cut 2



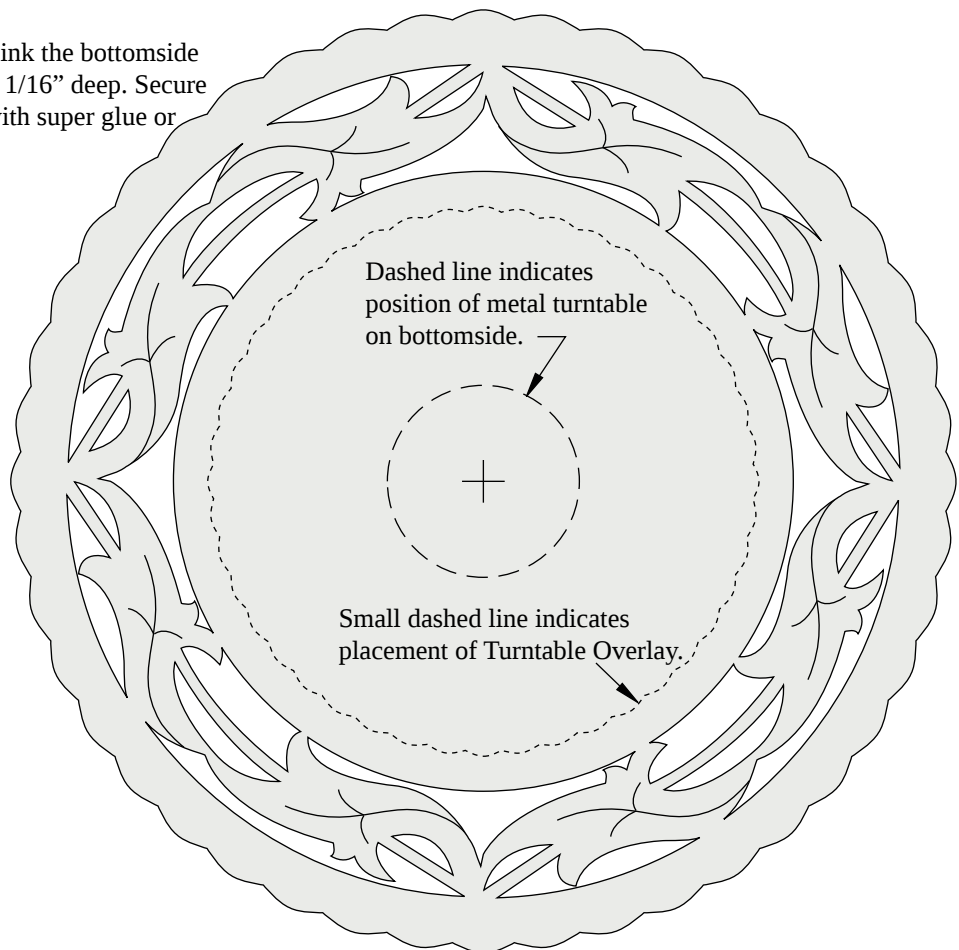
Pattern overlap line.



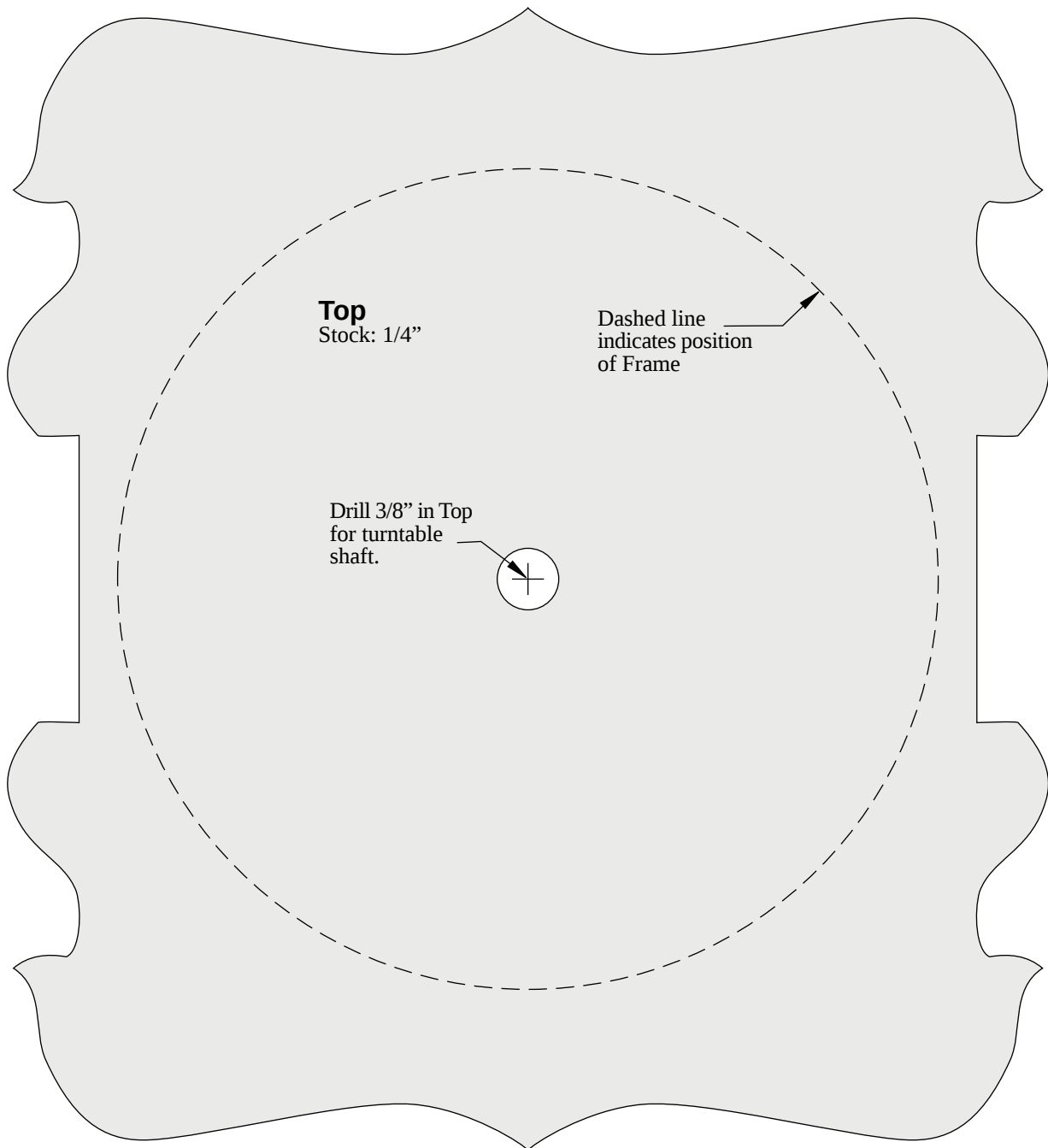
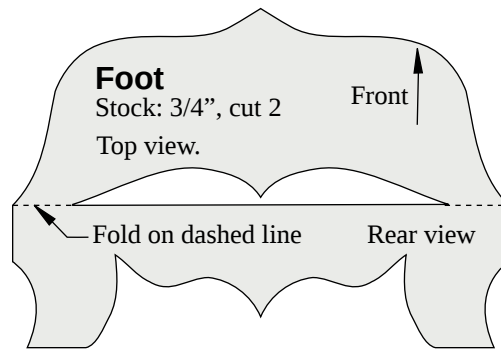


Turntable

Stock: 1/4", countersink the bottomsides with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.



Project #14



Turntable Overlay

Stock: 1/4"

Project #14



Adjust slot, if necessary, for thickness of material used.

Bottom

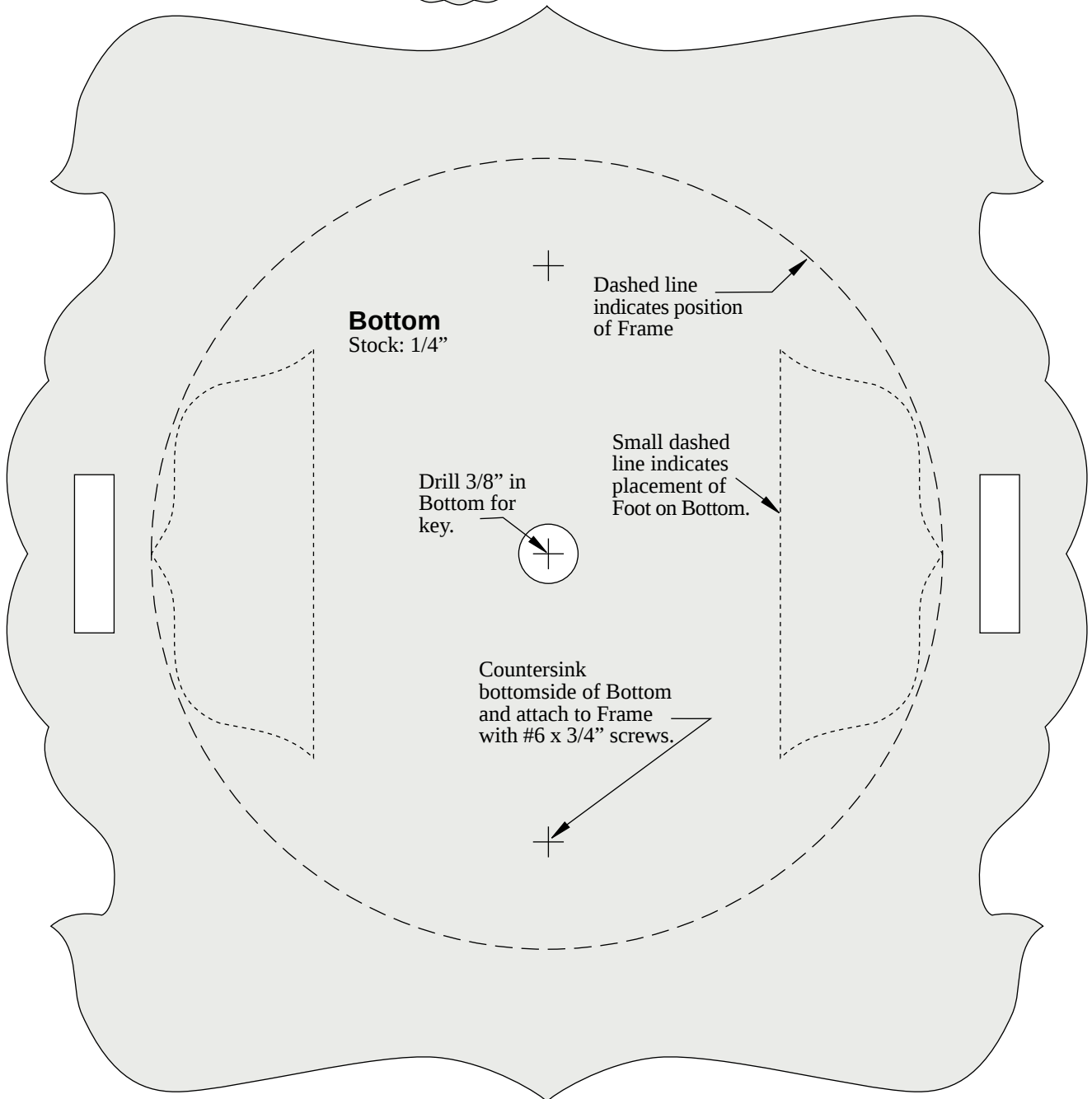
Stock: 1/4"

Dashed line indicates position of Frame

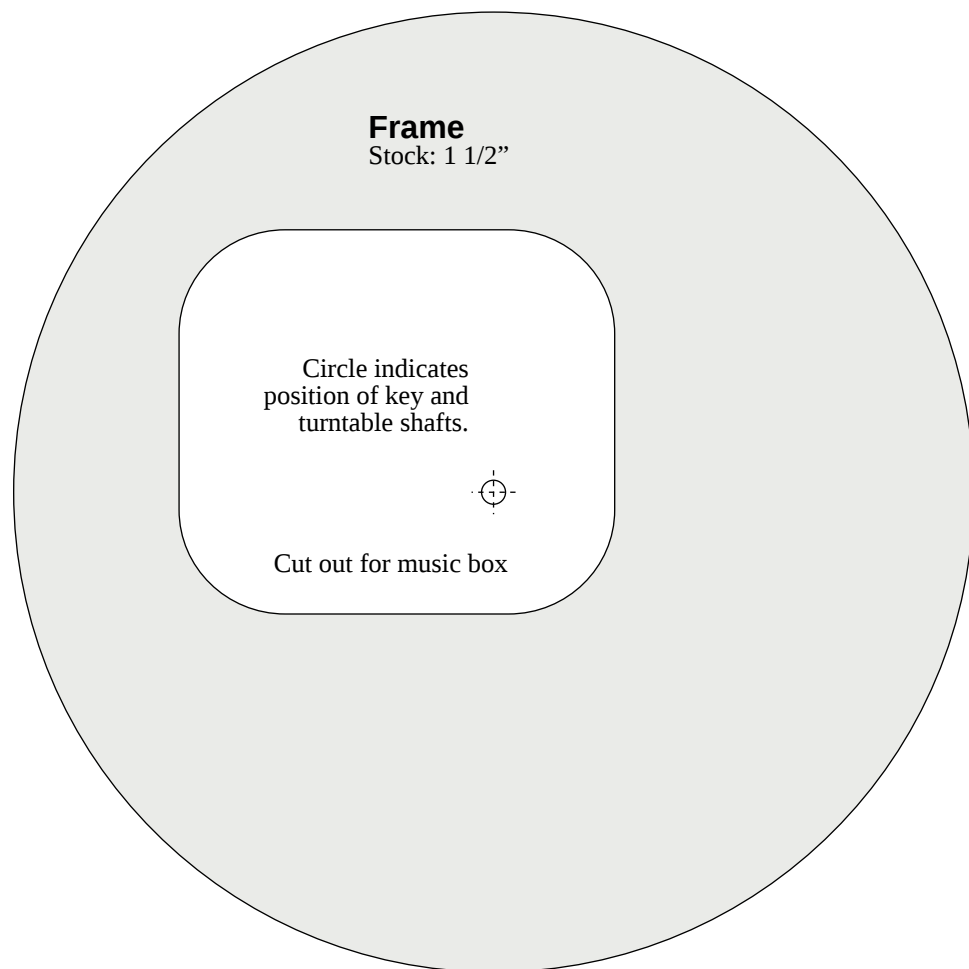
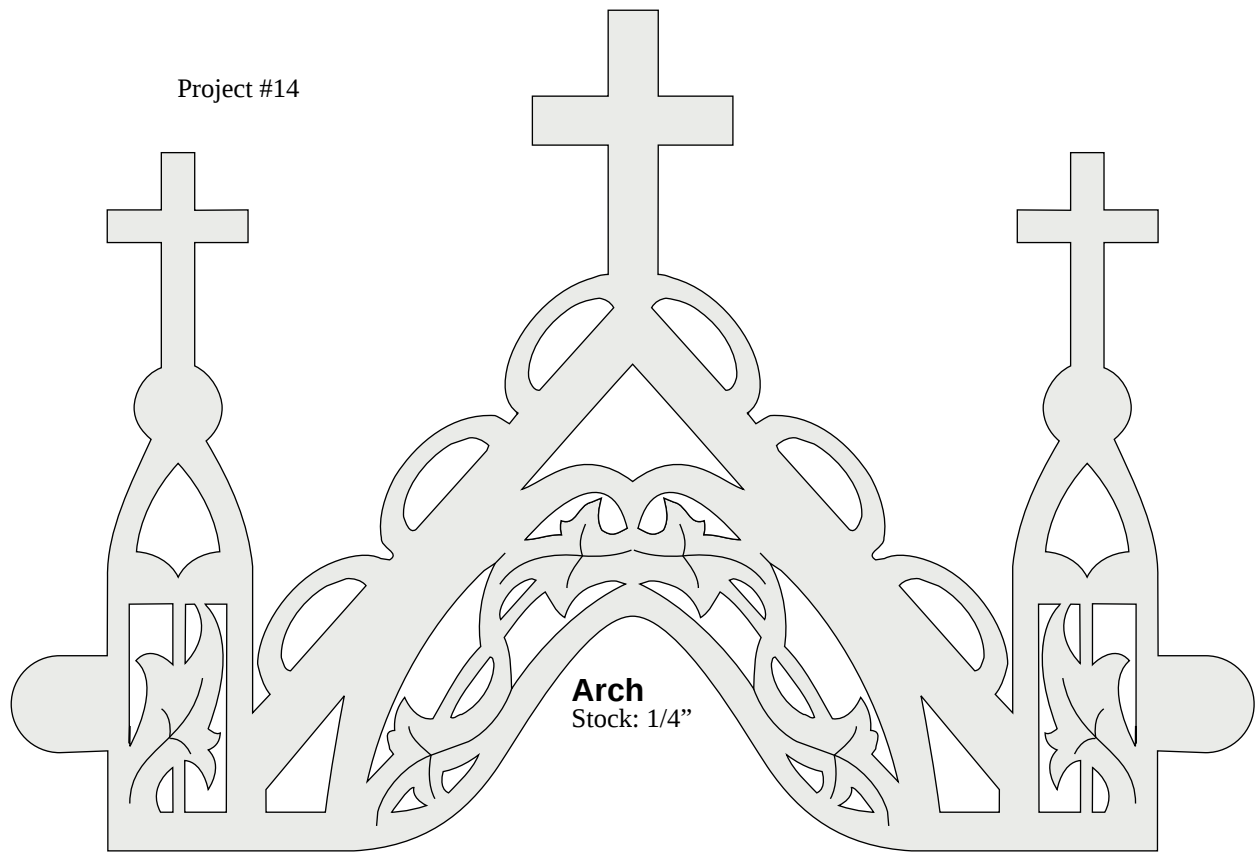
Small dashed line indicates placement of Foot on Bottom.

Drill 3/8" in Bottom for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.



Project #14



Frame
Stock: 1 1/2"

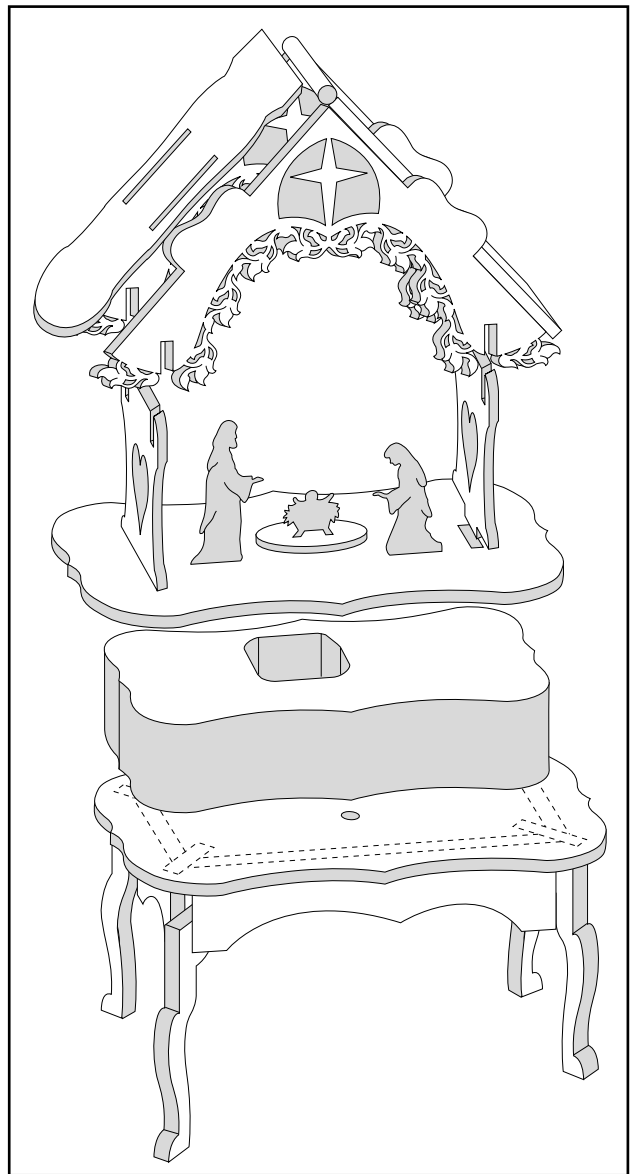
Assembly Instructions
To Assemble, attach Legs to Apron Support with glue. Next, attach the Aprons. Then clamp this assembly to the bottomsink of the Bottom and countersink to attach the assembly to the Frame with #6 x 1" F.H. screws.

Circle indicates position of key and turntable shafts.

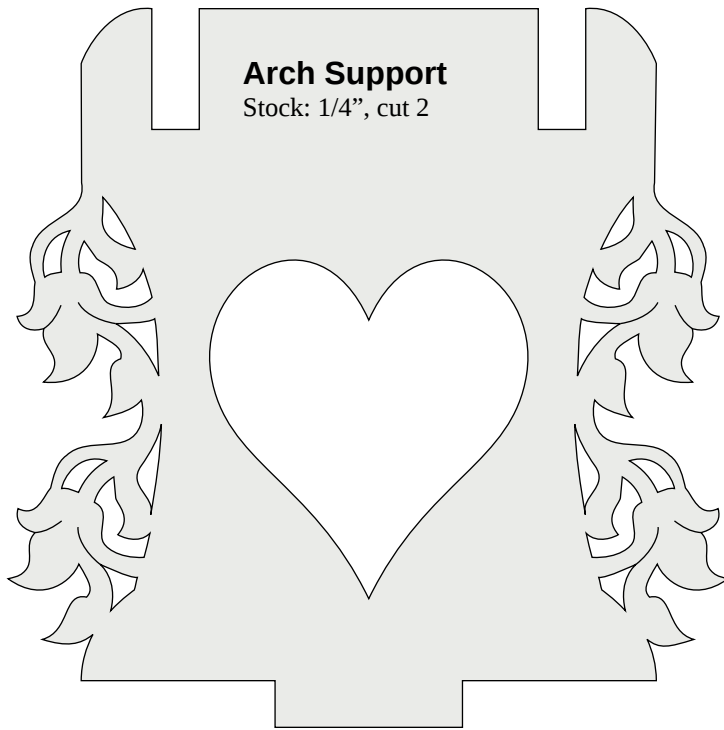


Cut out for music box

Project #15

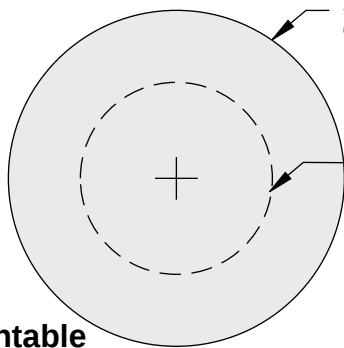


Project #15



Arch Support

Stock: 1/4", cut 2

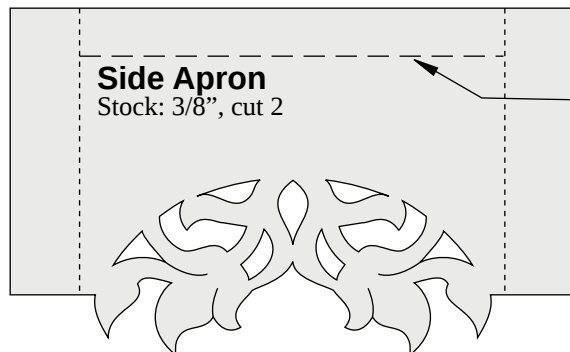
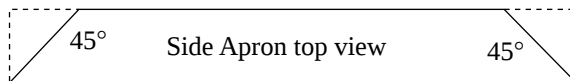


Roundover top edge by sanding.

Dashed line indicates position of metal turntable on bottomside.

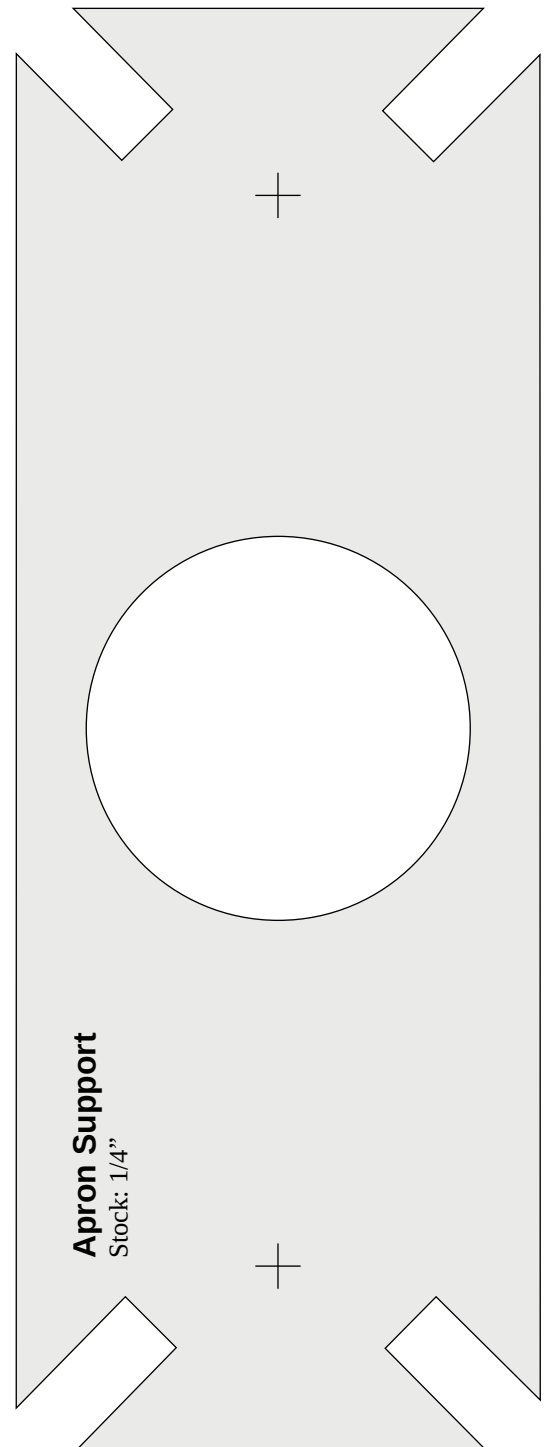
Turntable

Stock: 1/4". Countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.



Side Apron

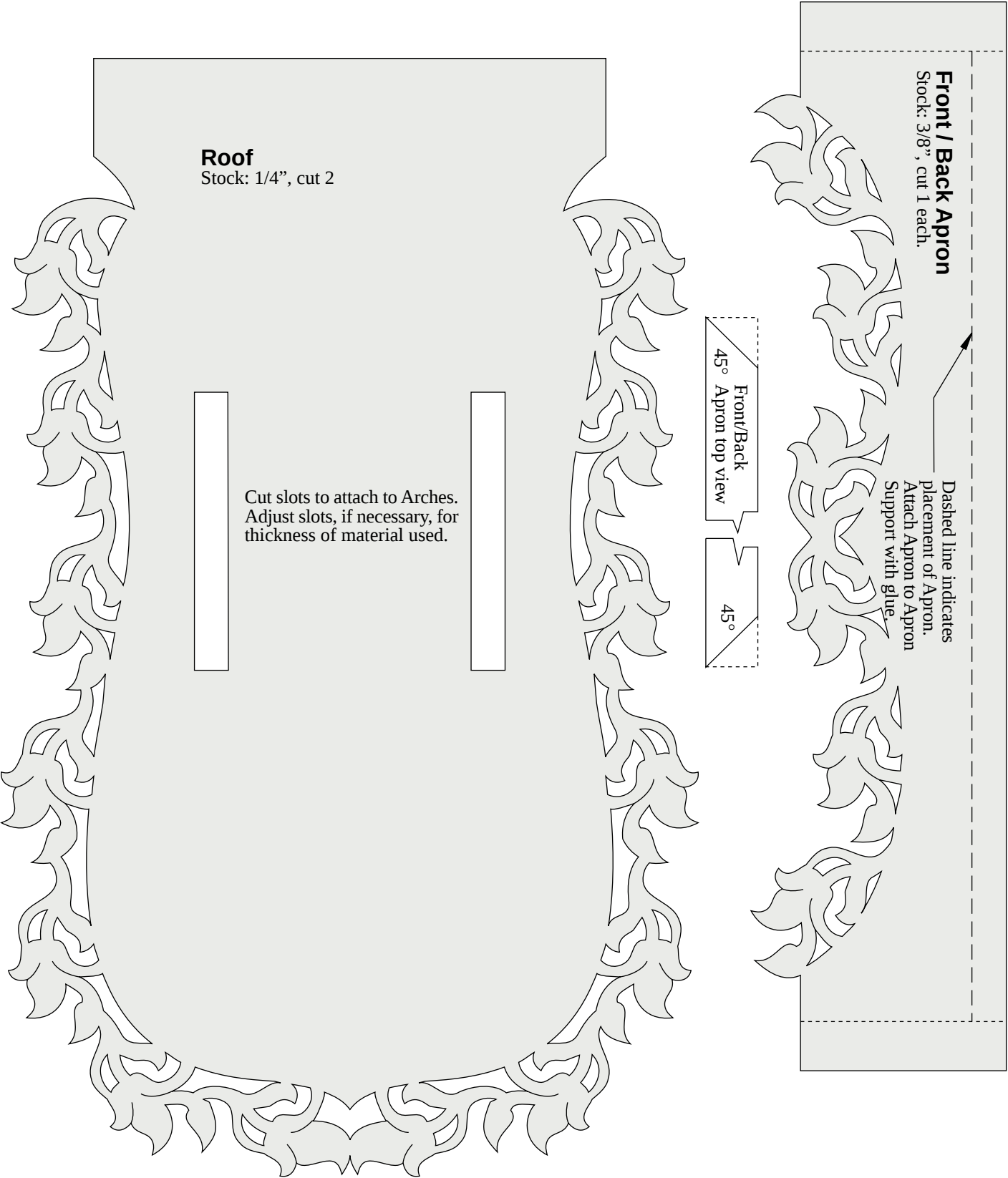
Stock: 3/8", cut 2

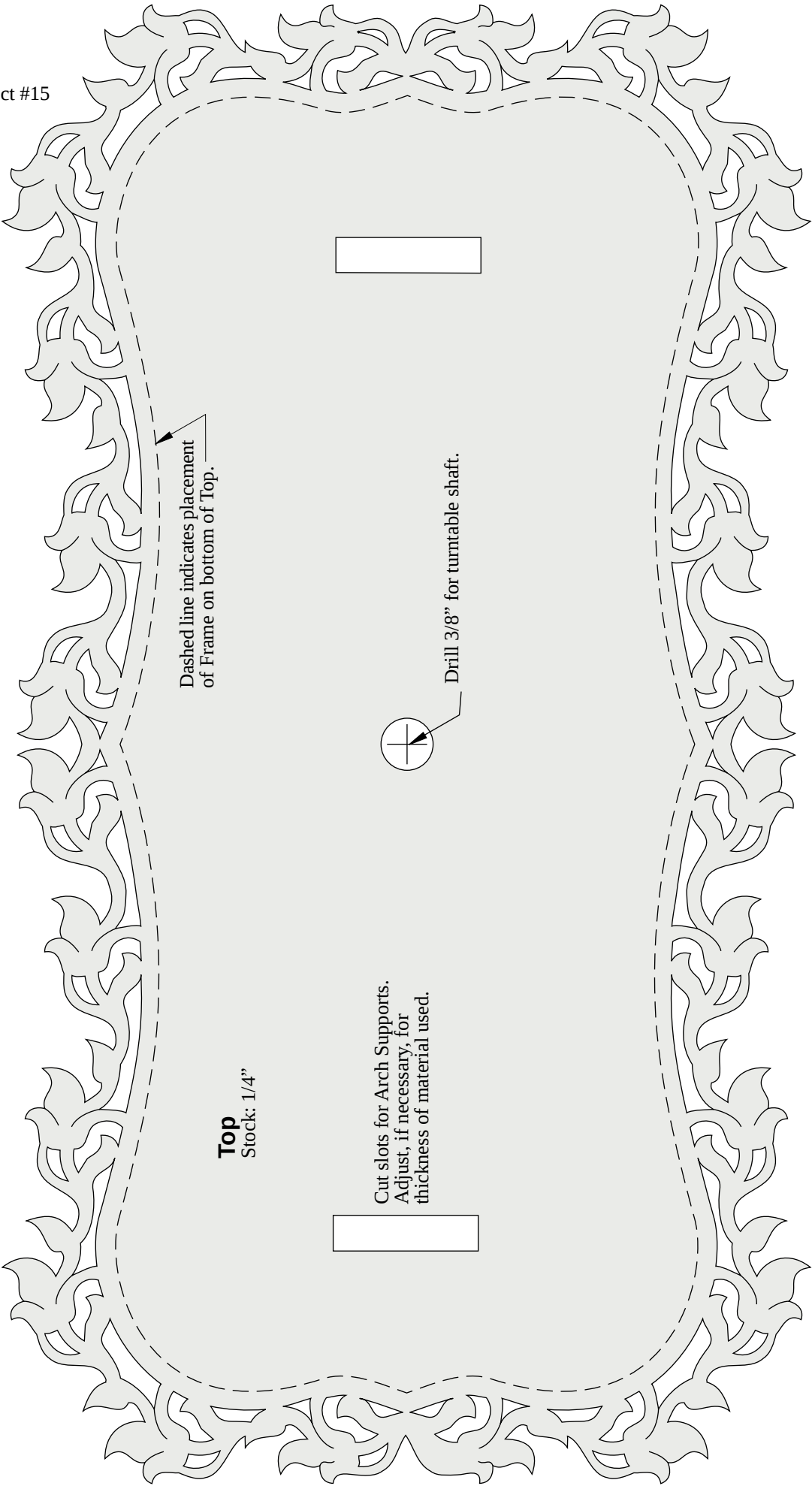


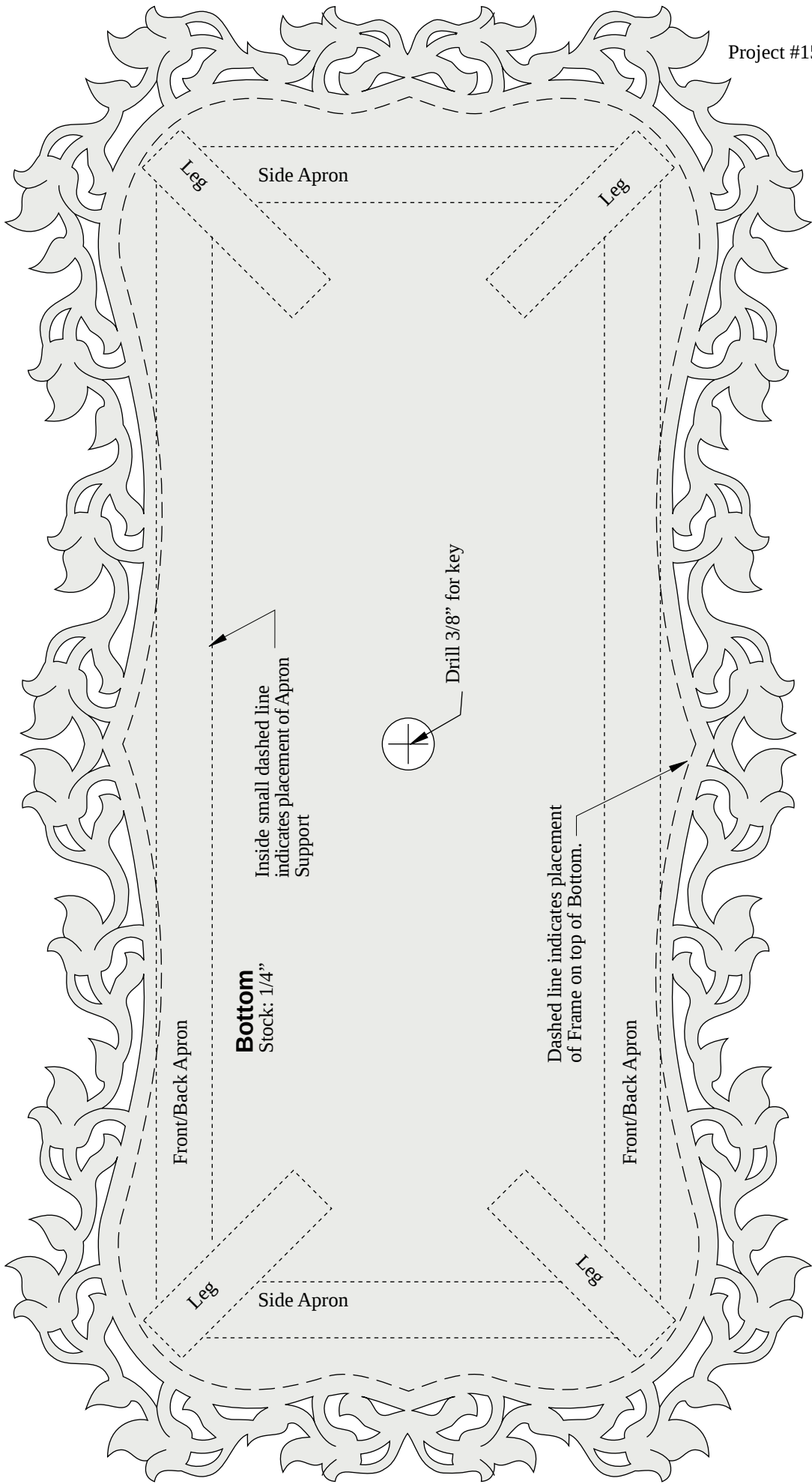
Apron Support

Stock: 1/4"

Dashed line indicates placement of Apron. Attach Apron to Apron Support with glue.



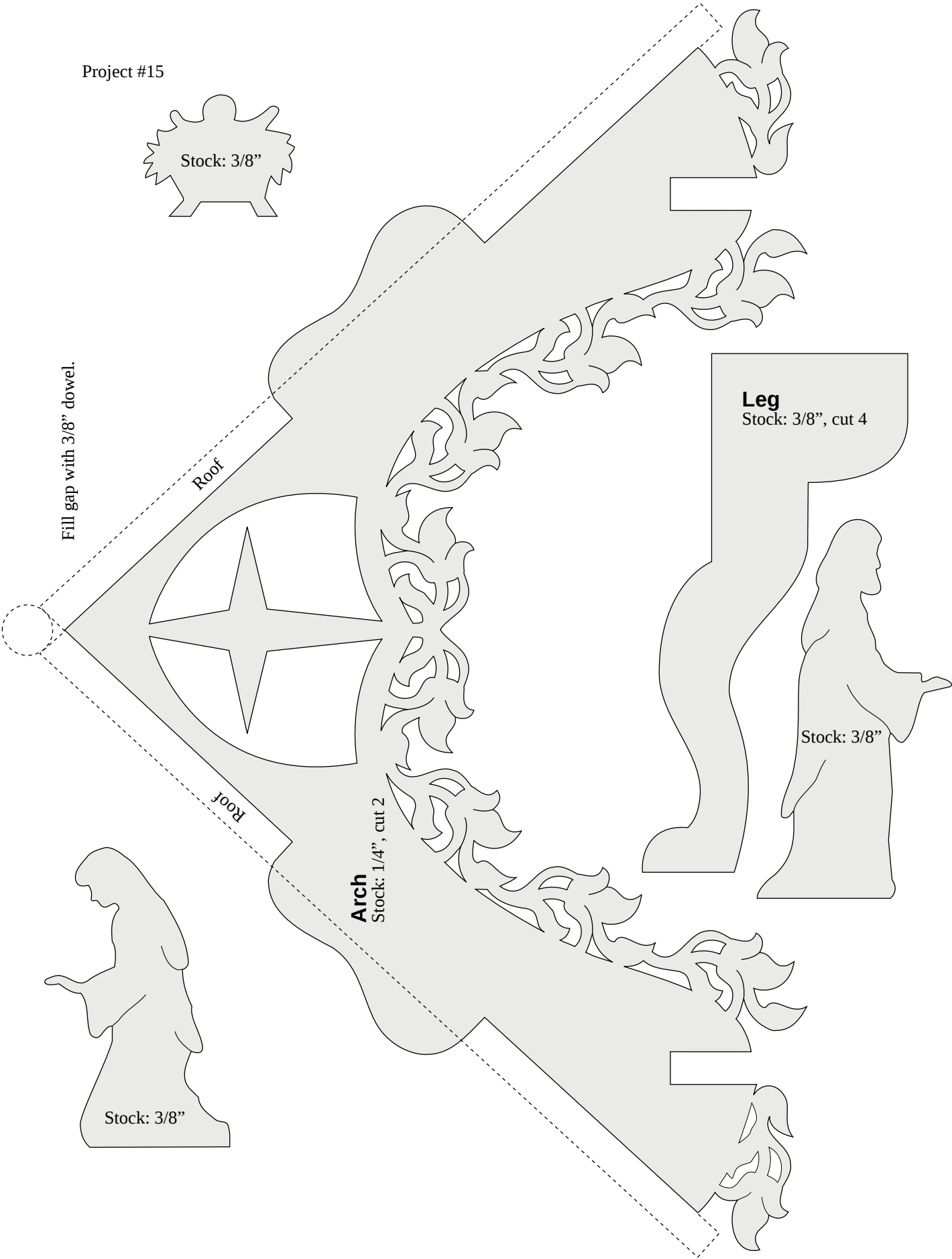




Project #15



Fill gap with 3/8" dowel.



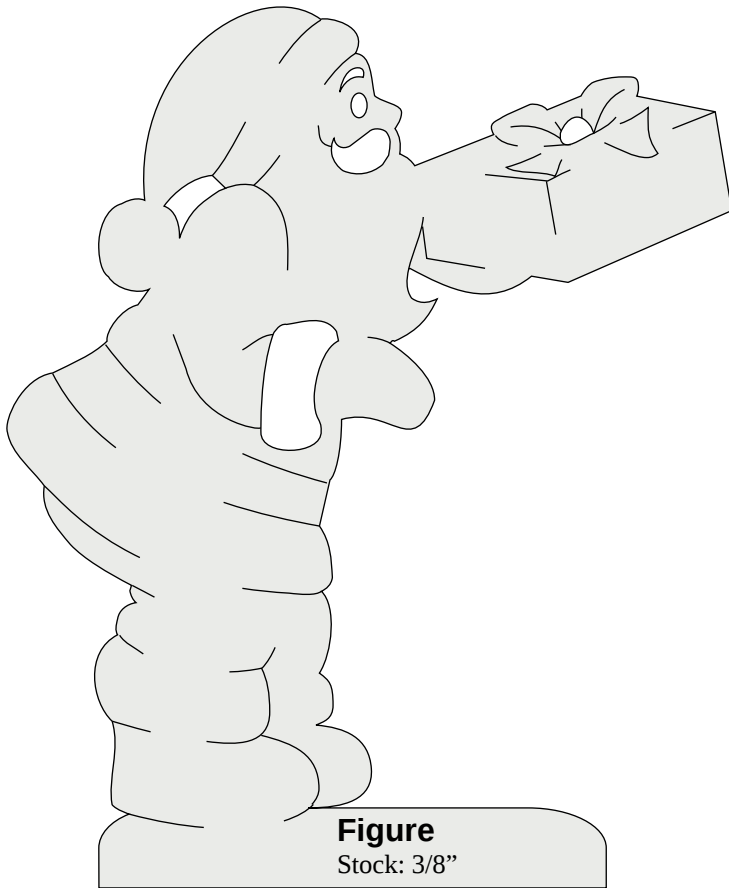
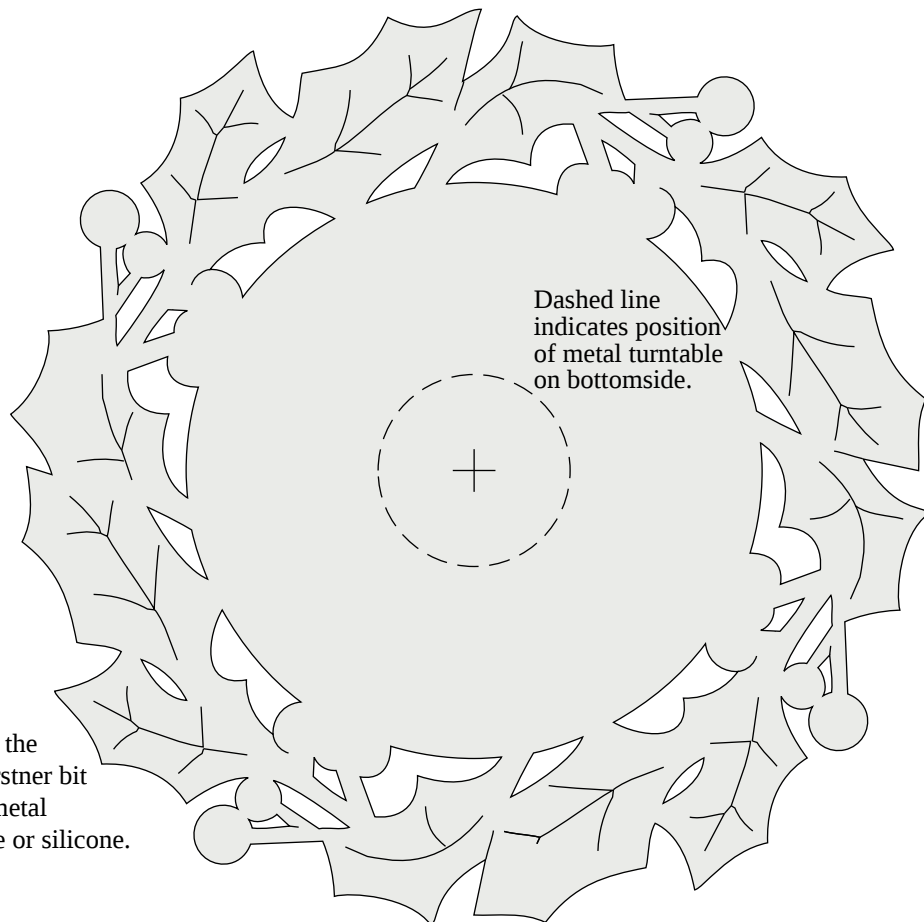
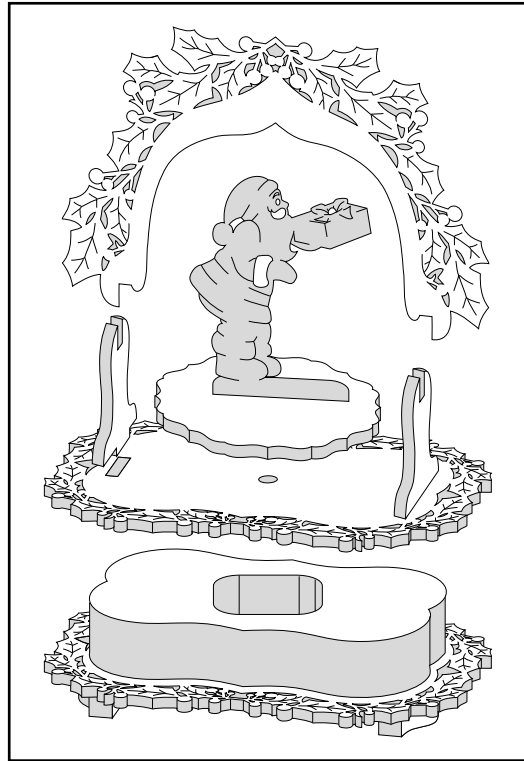


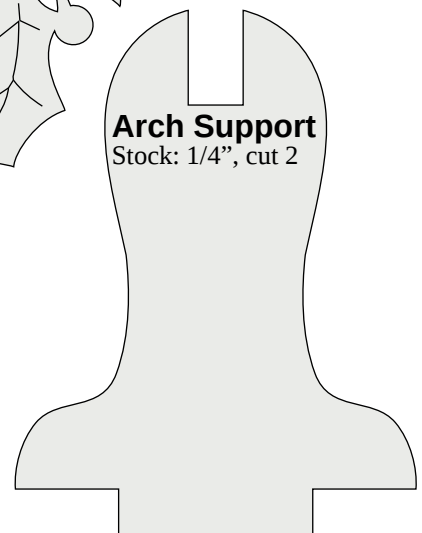
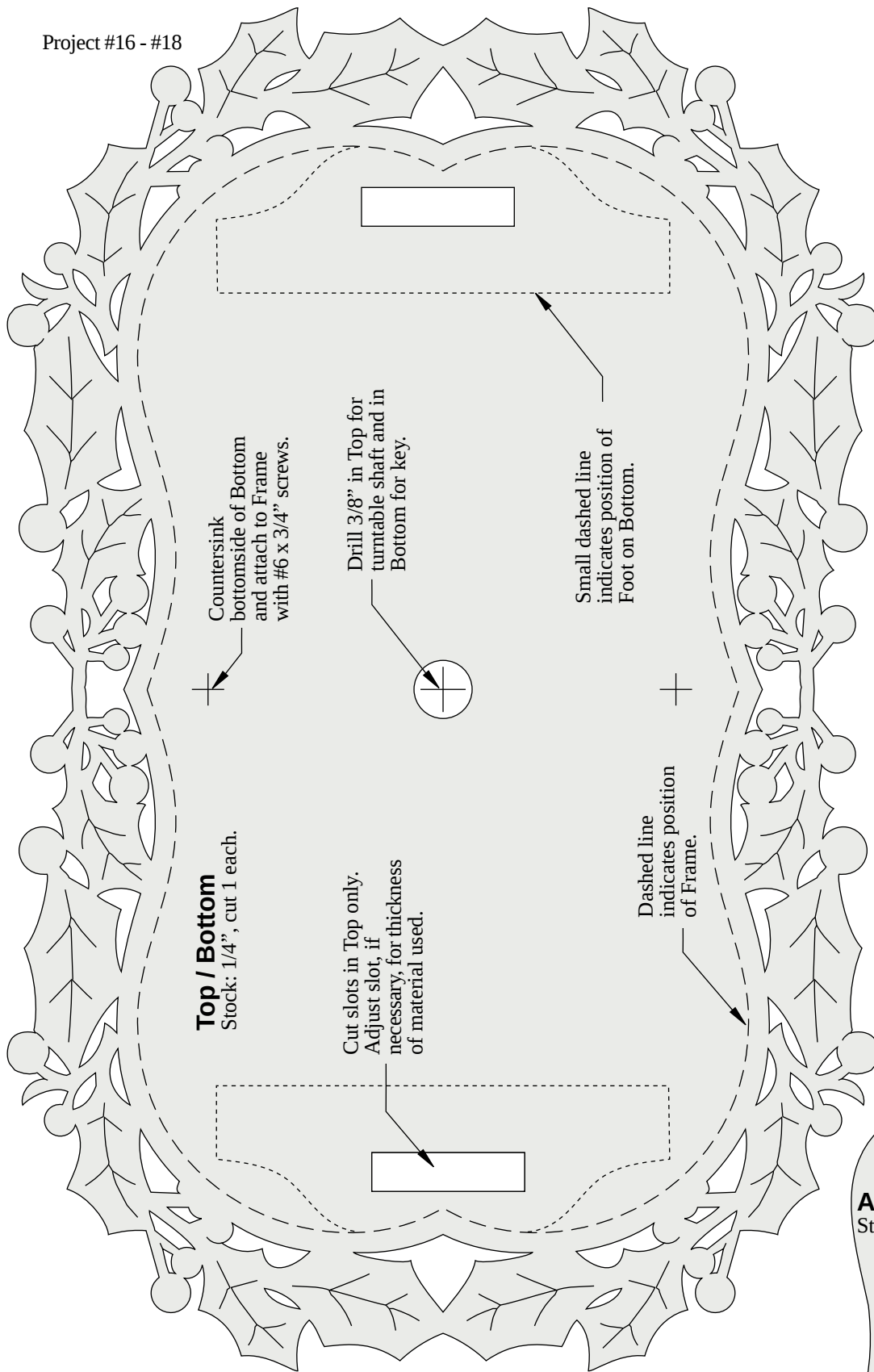
Figure
Stock: 3/8"

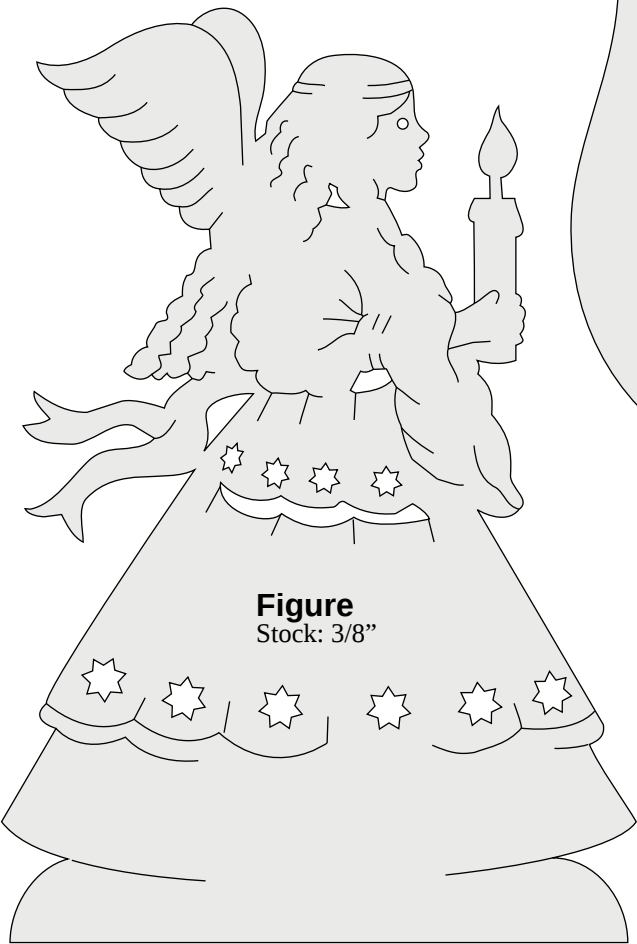
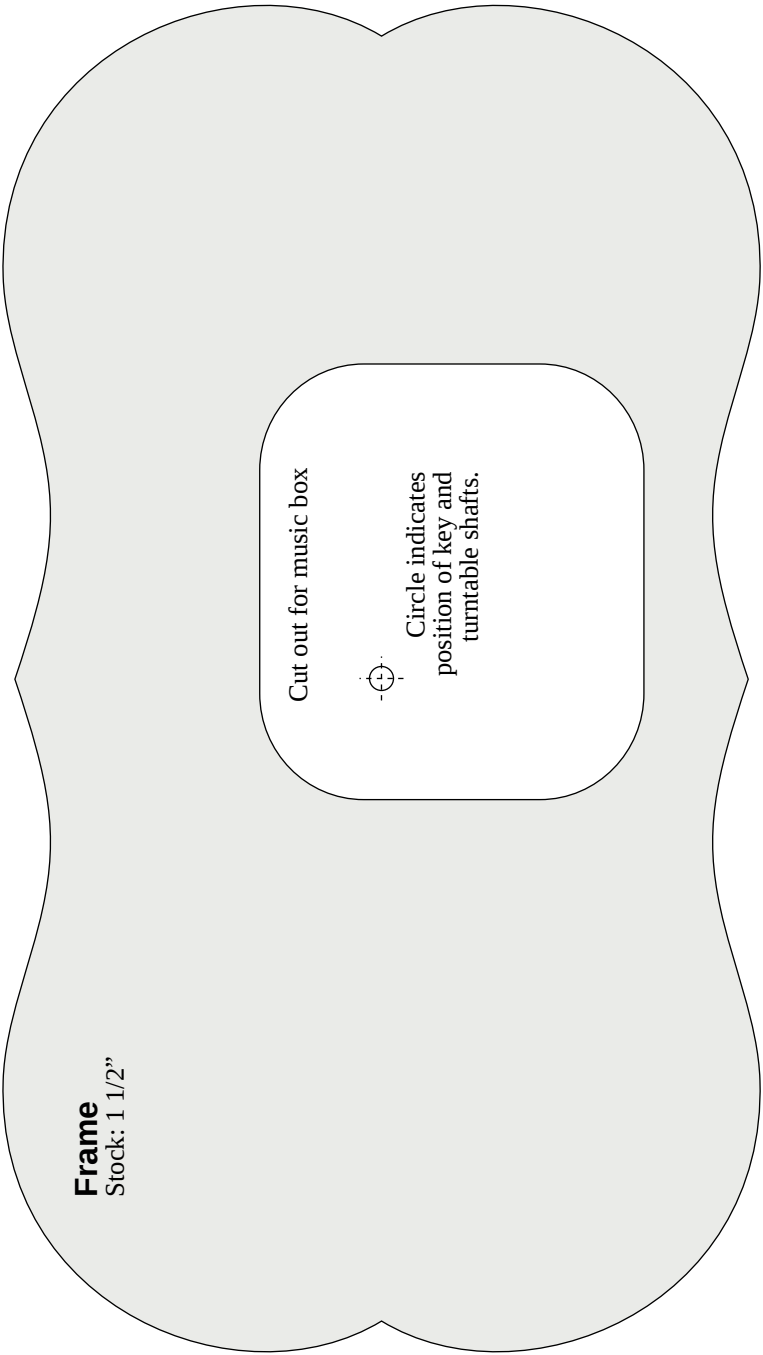
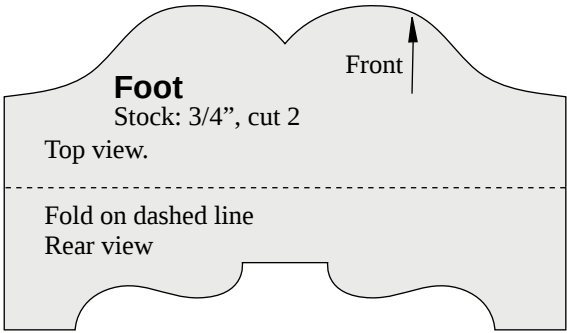


Dashed line
indicates position
of metal turntable
on bottomside.

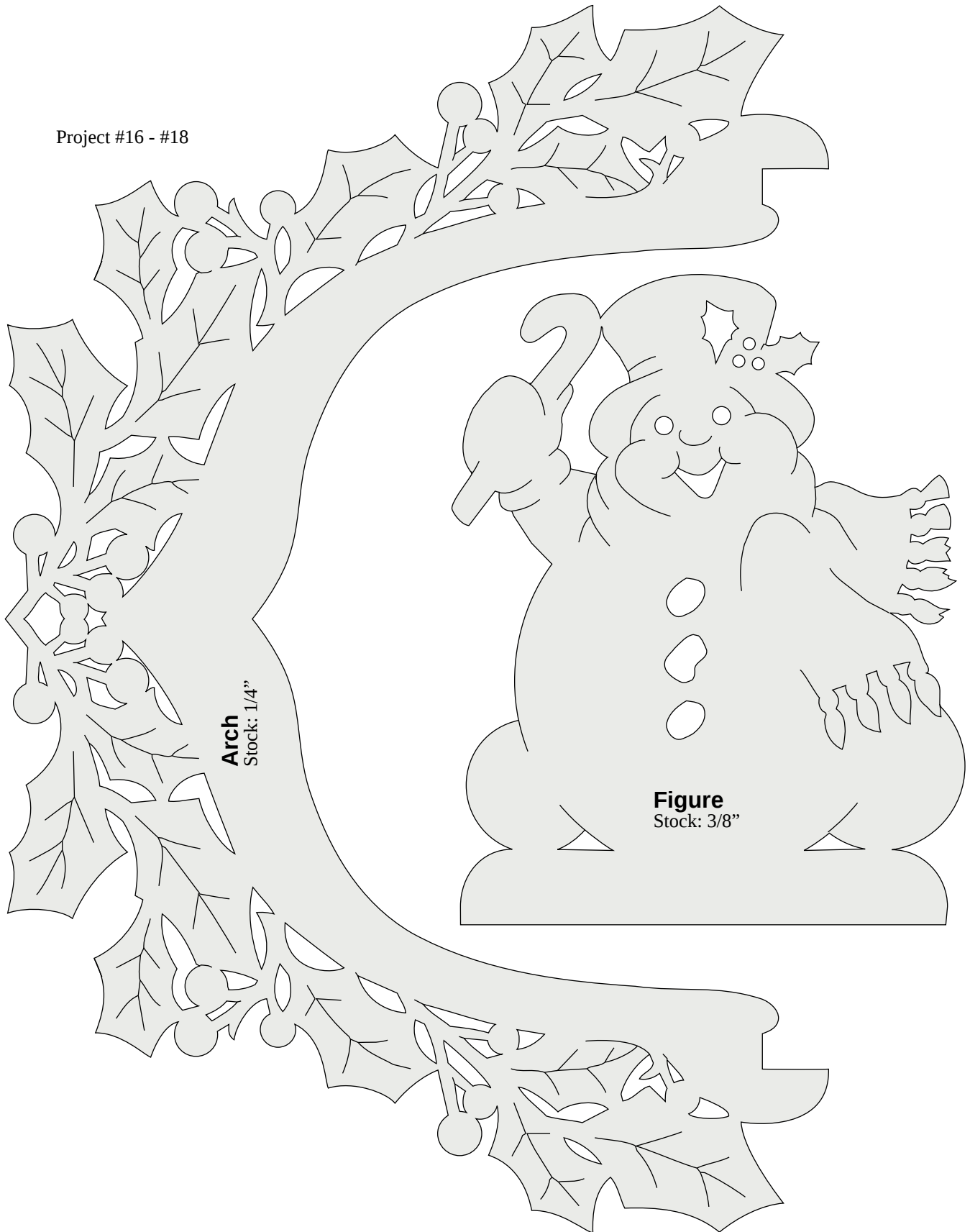
Turntable

Stock: 1/4", countersink the
bottomside with a 1" forstner bit
1/16" deep. Secure the metal
turntable with super glue or silicone.

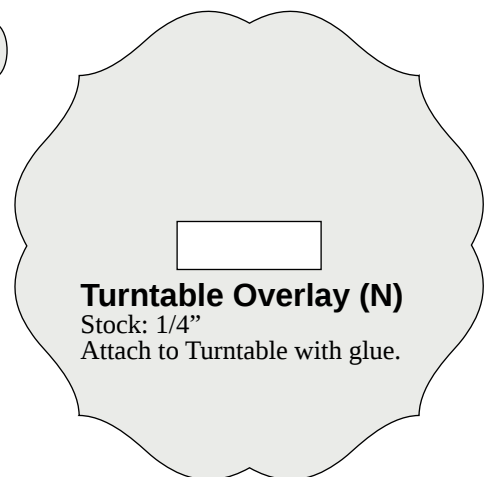
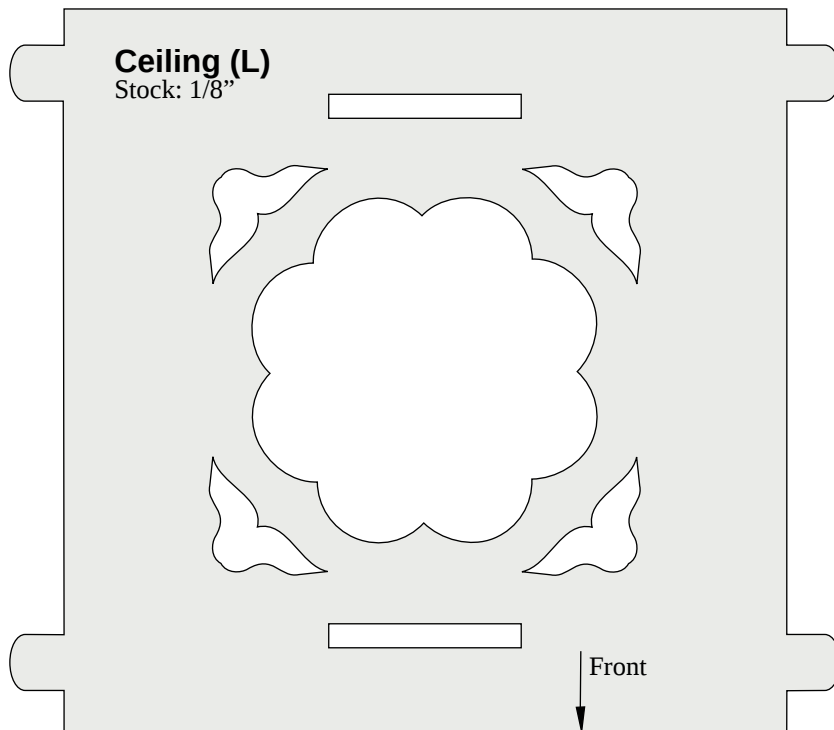
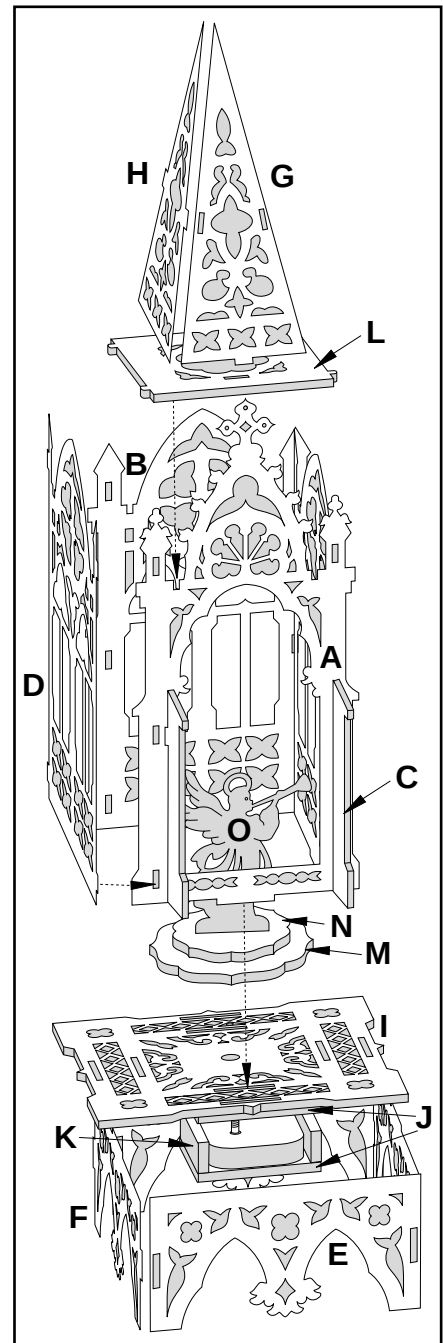




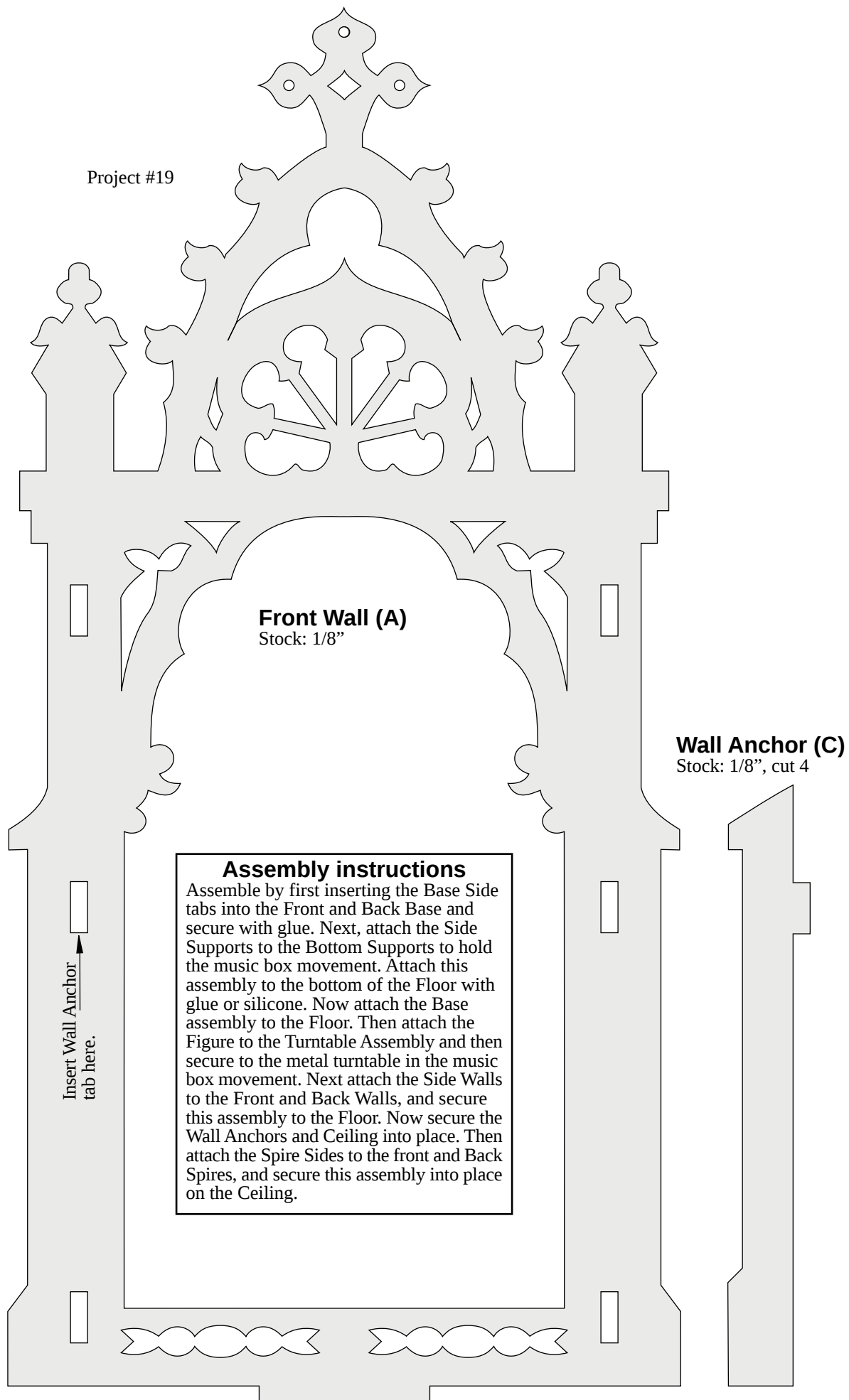
Project #16 - #18

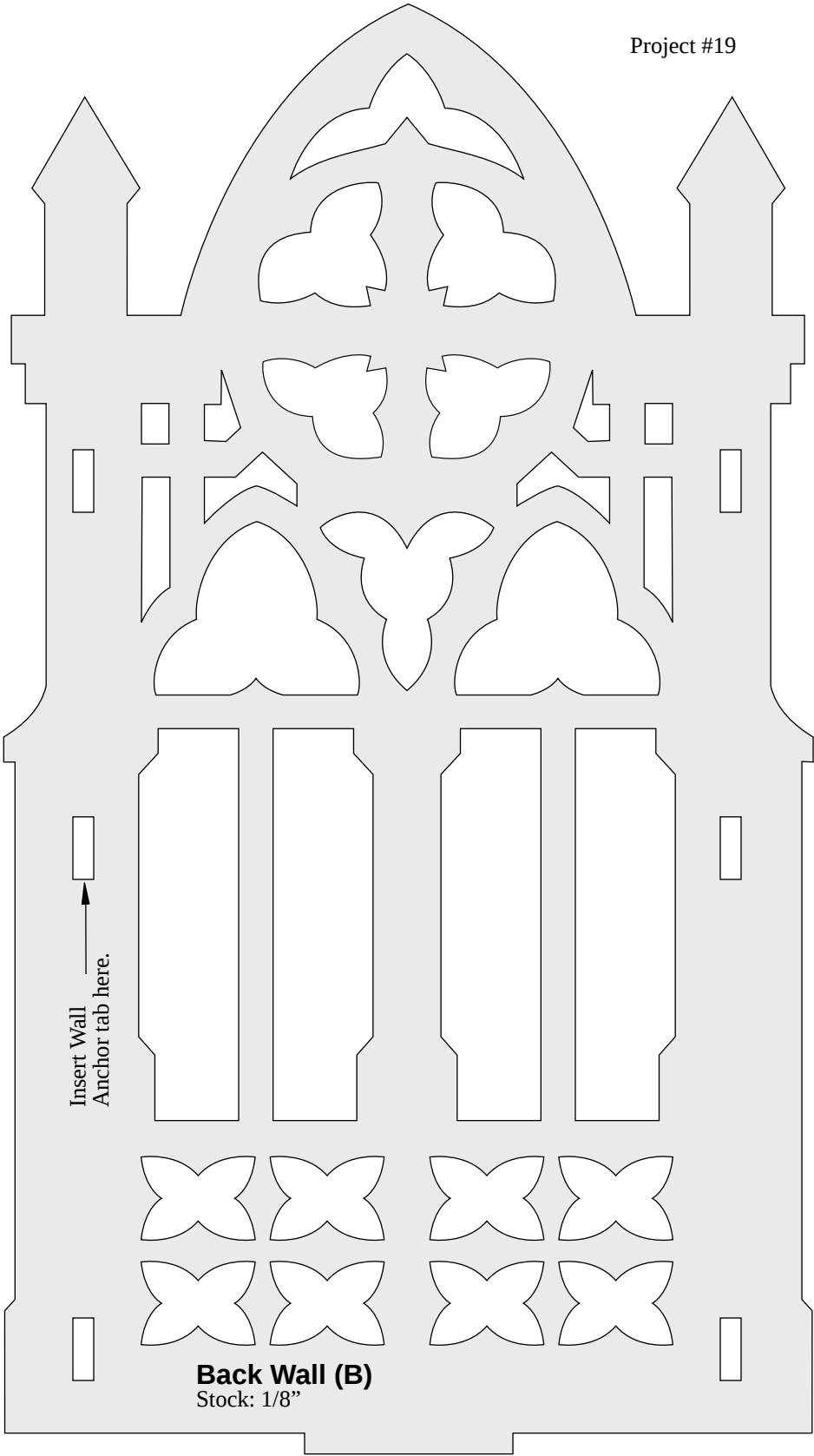


Cathedral Music Box		
Description	item	Qty
Front Wall	A	1
Back Wall	B	1
Wall Anchor	C	4
Side Wall	D	2
Front & Back Base	E	1 each
Base Side	F	2
Front & Back Spire	G	1 each
Spire Side	H	2
Floor	I	1
Bottom Support	J	2
Side Support	K	2
Ceiling	L	1
Turntable	M	1
Turntable Overlay	N	1
Figure	O	1



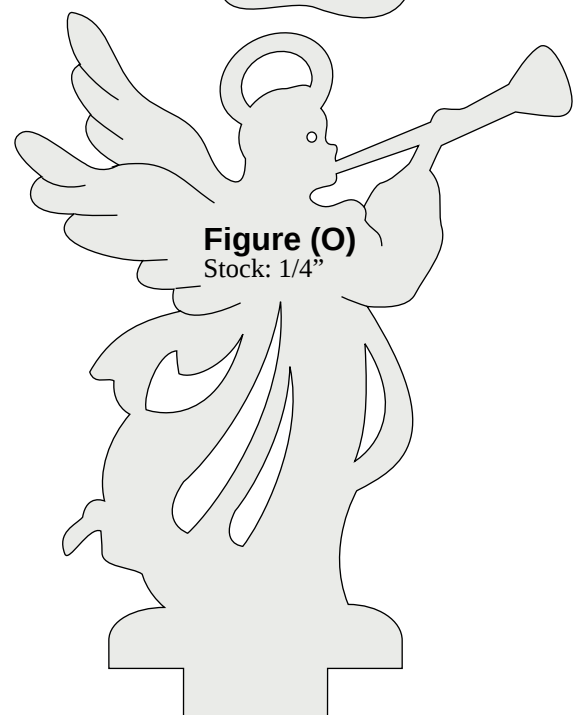
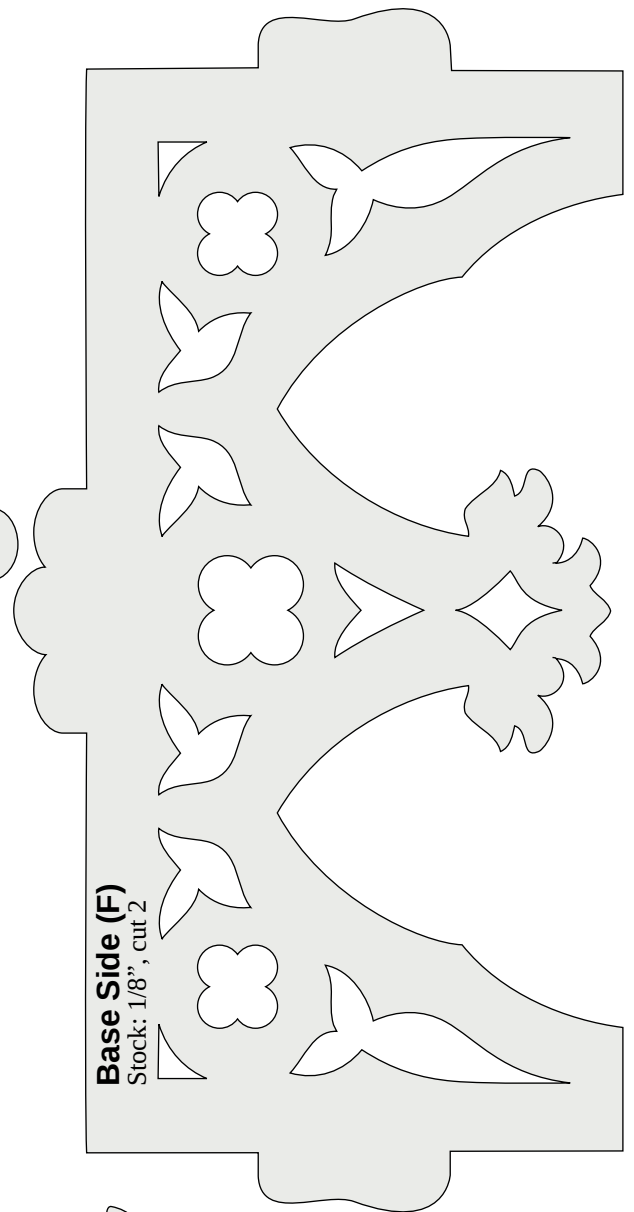
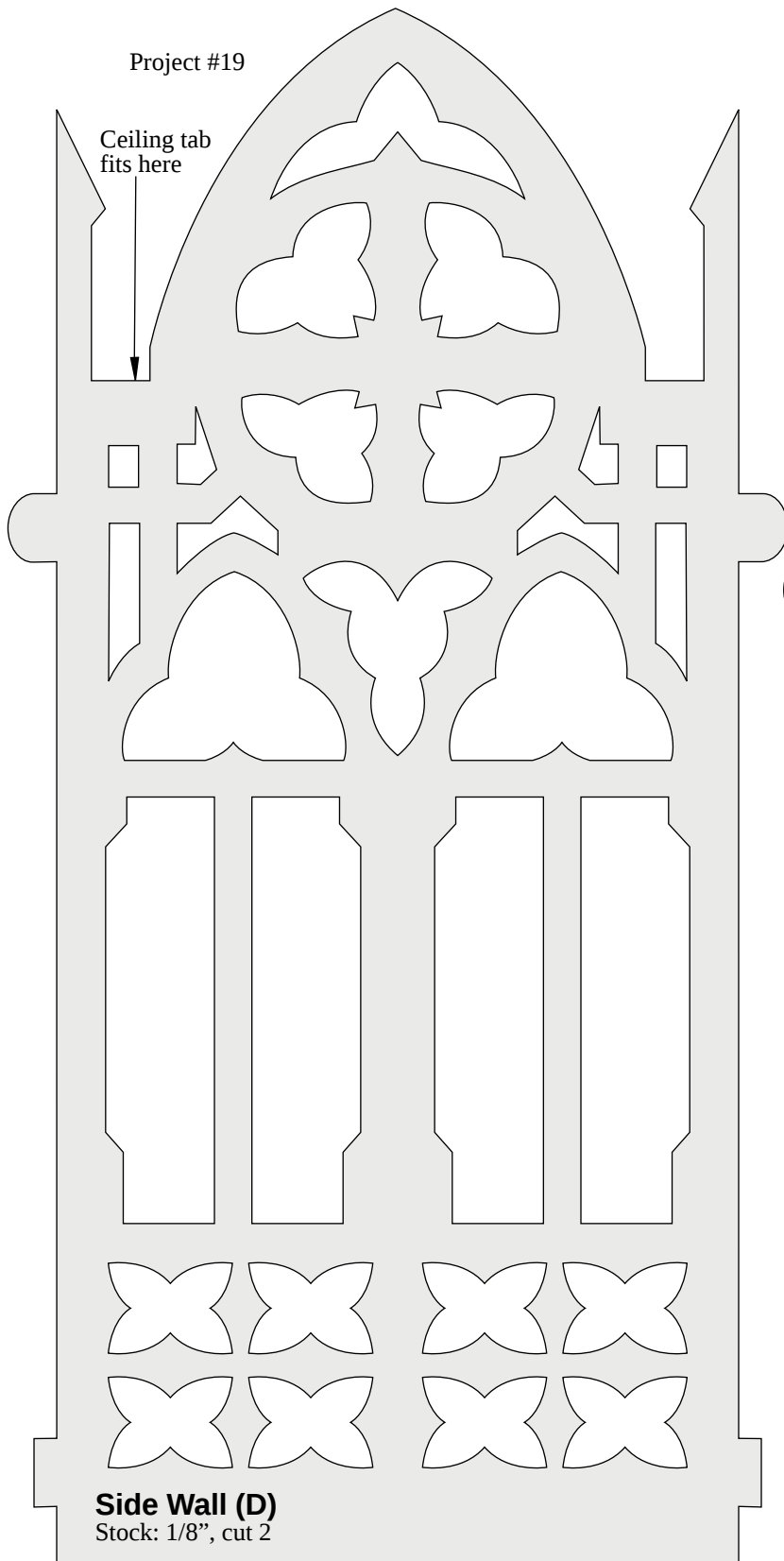
Project #19





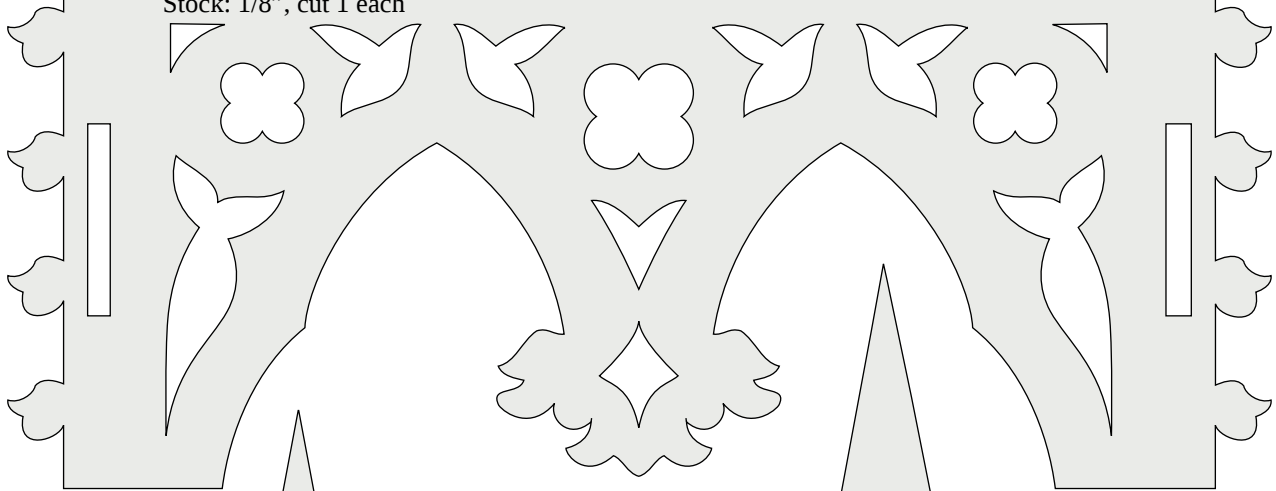
Project #19

Ceiling tab
fits here



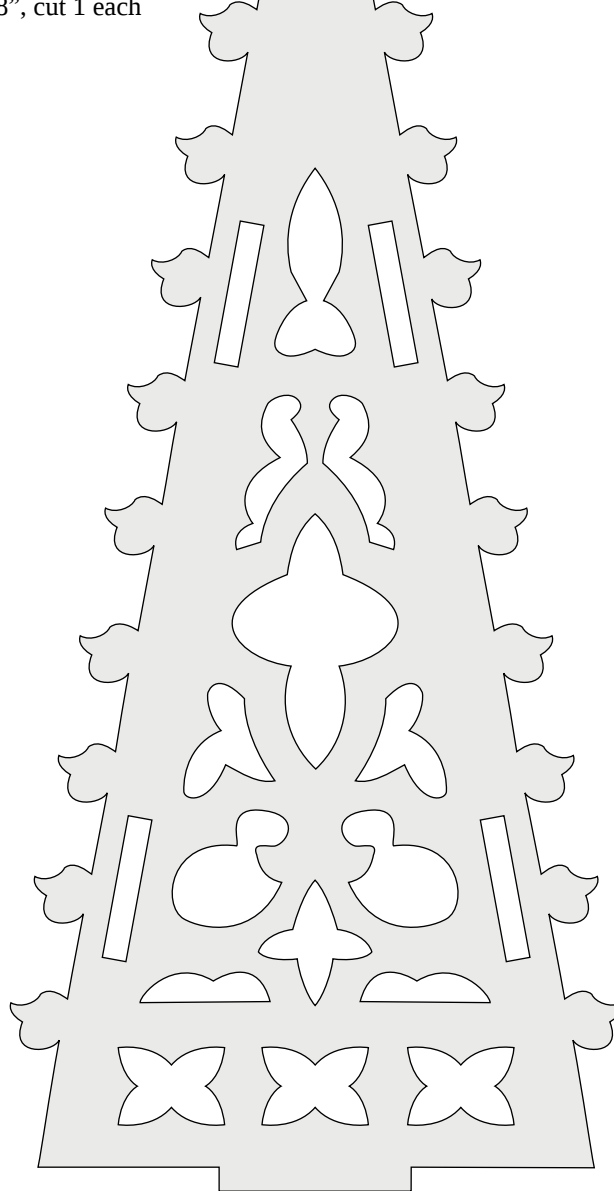
Front & Back Base (E)

Stock: 1/8", cut 1 each



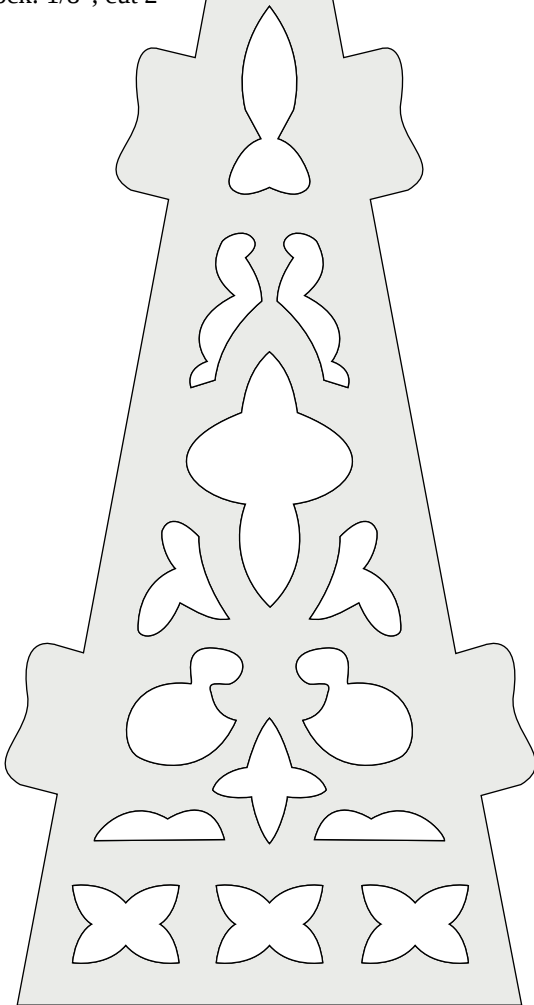
Front & Back Spire (G)

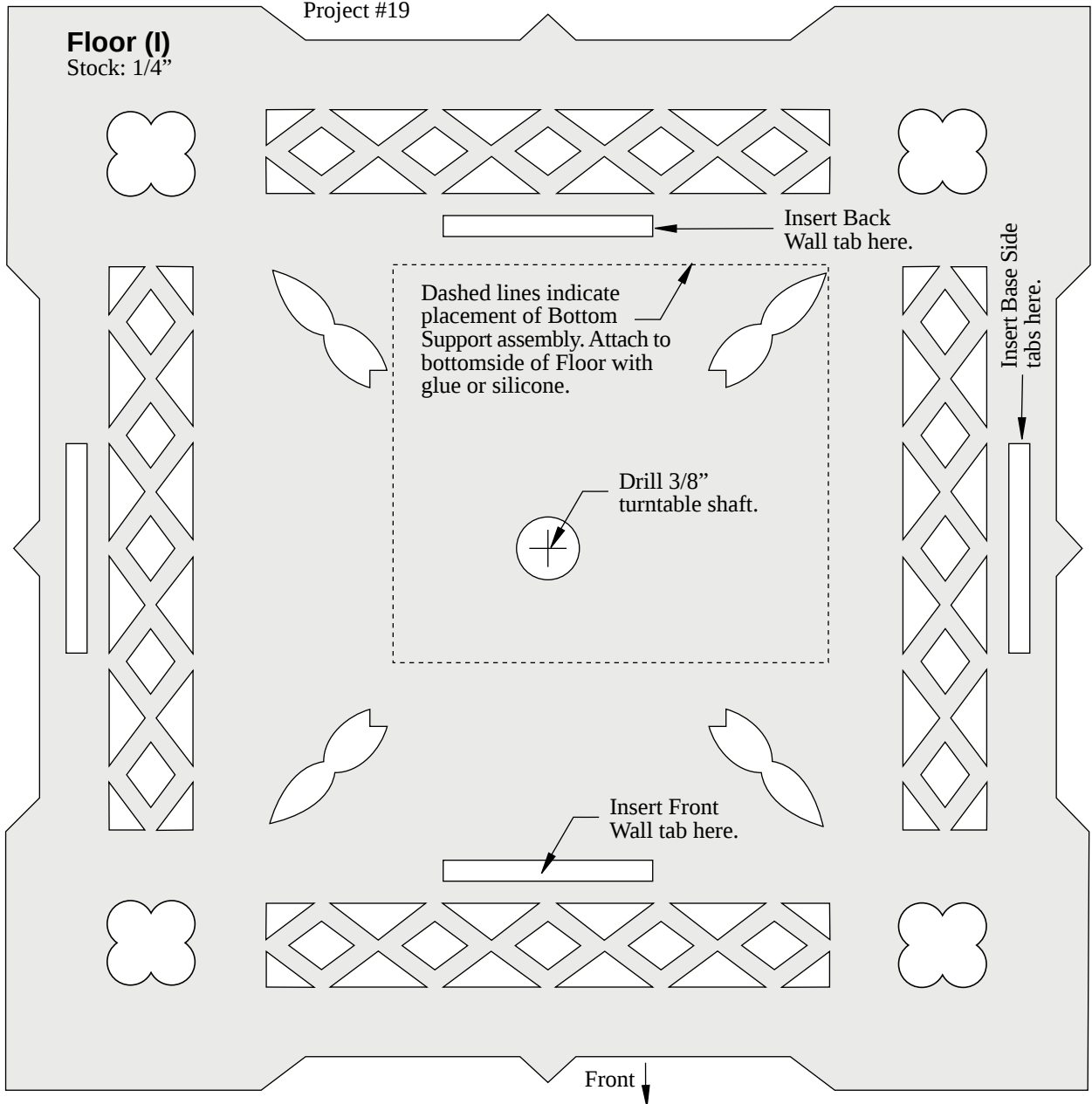
Stock: 1/8", cut 1 each



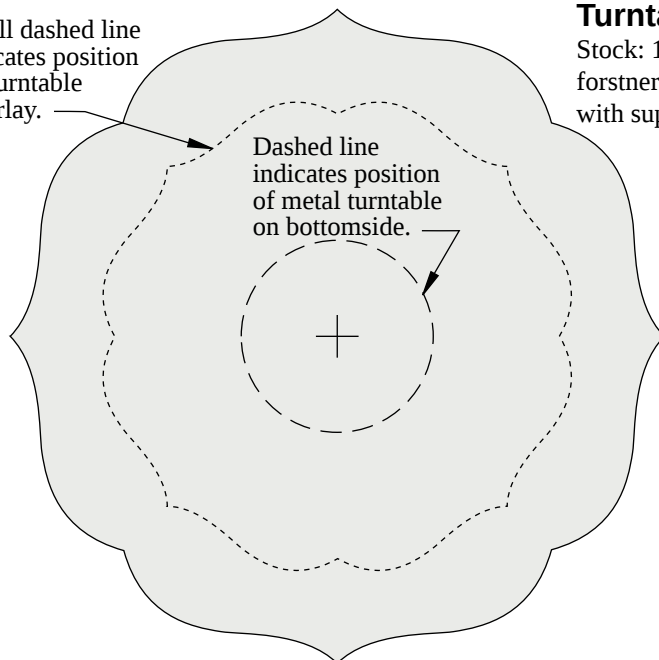
Spire Side (H)

Stock: 1/8", cut 2

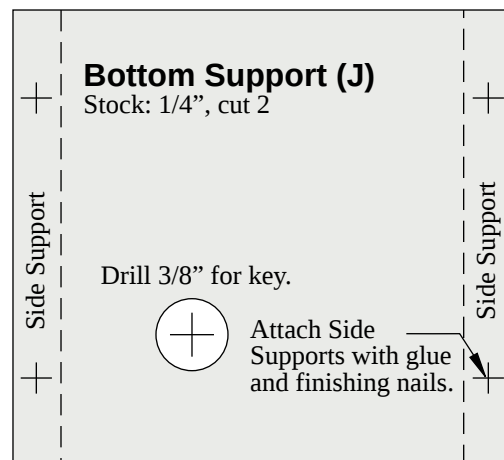


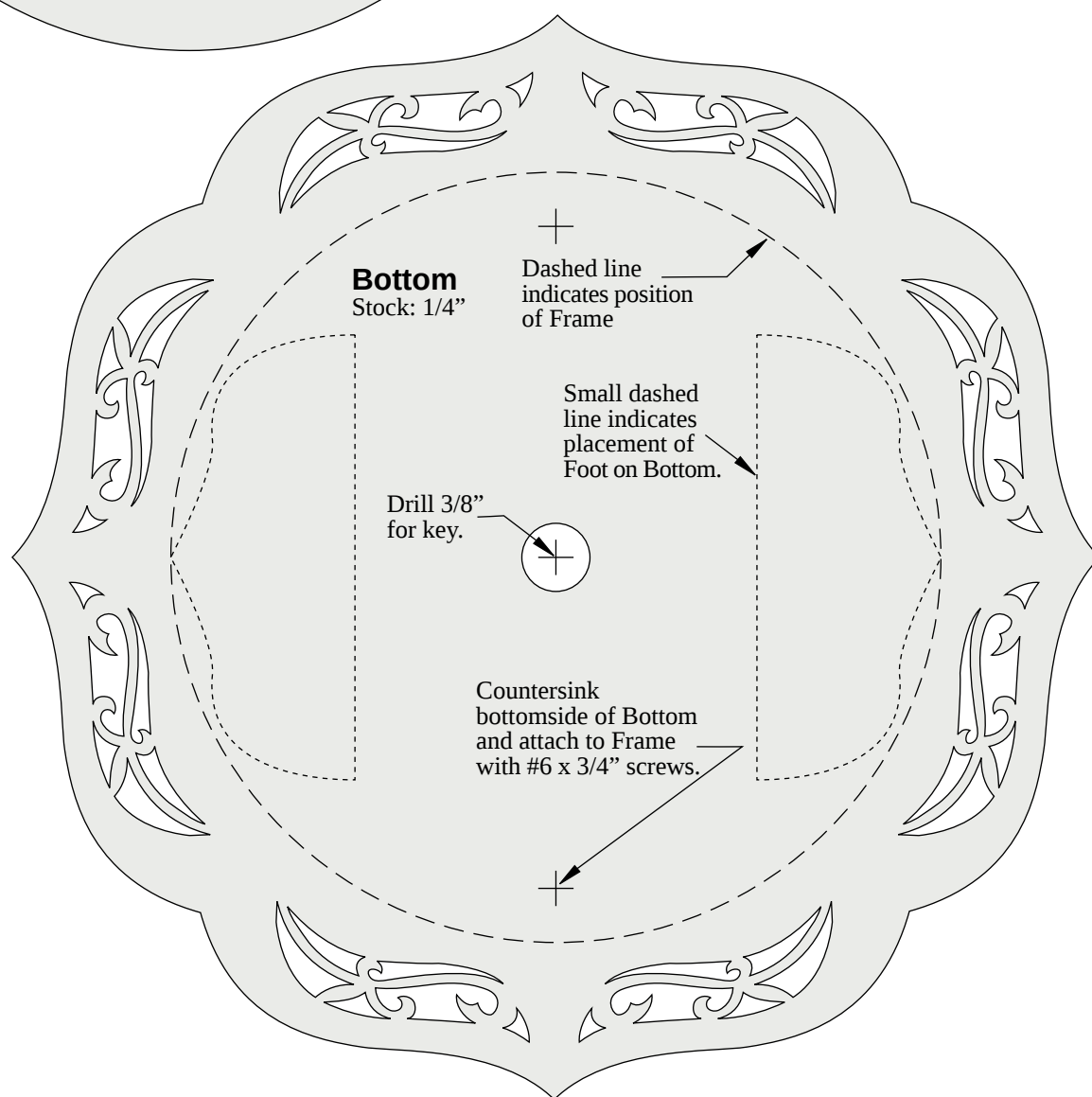
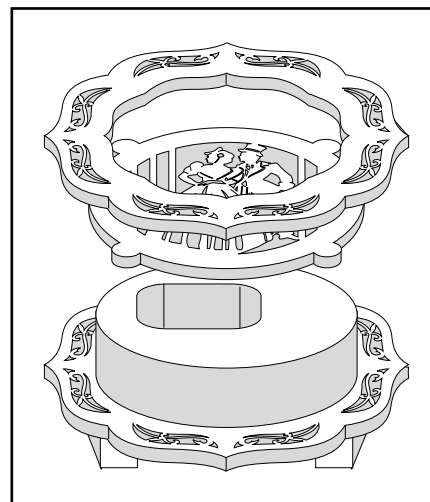
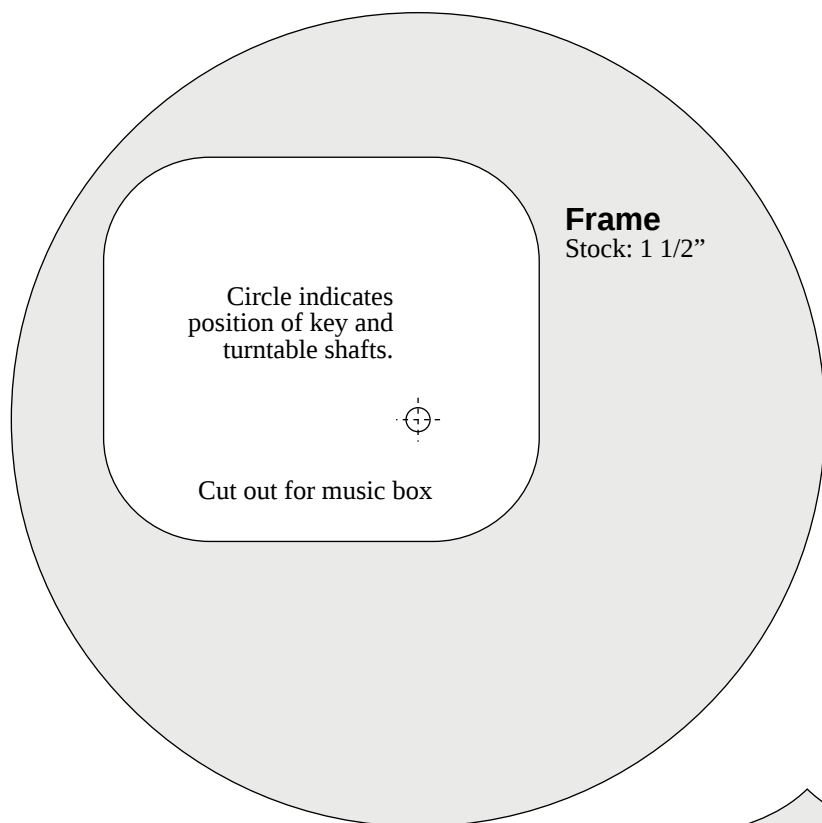
Floor (I)
Stock: 1/4"

Small dashed line indicates position of Turntable Overlay.

**Turntable**

Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.





Project #20

Top Rim
Stock: 1/8" - 1/4"
Attach to Top with glue or silicone.

Small dashed line indicates placement of Top

Top
Stock: 1/8" - 1/4"
Attach to Frame with glue and finishing nails or silicone.

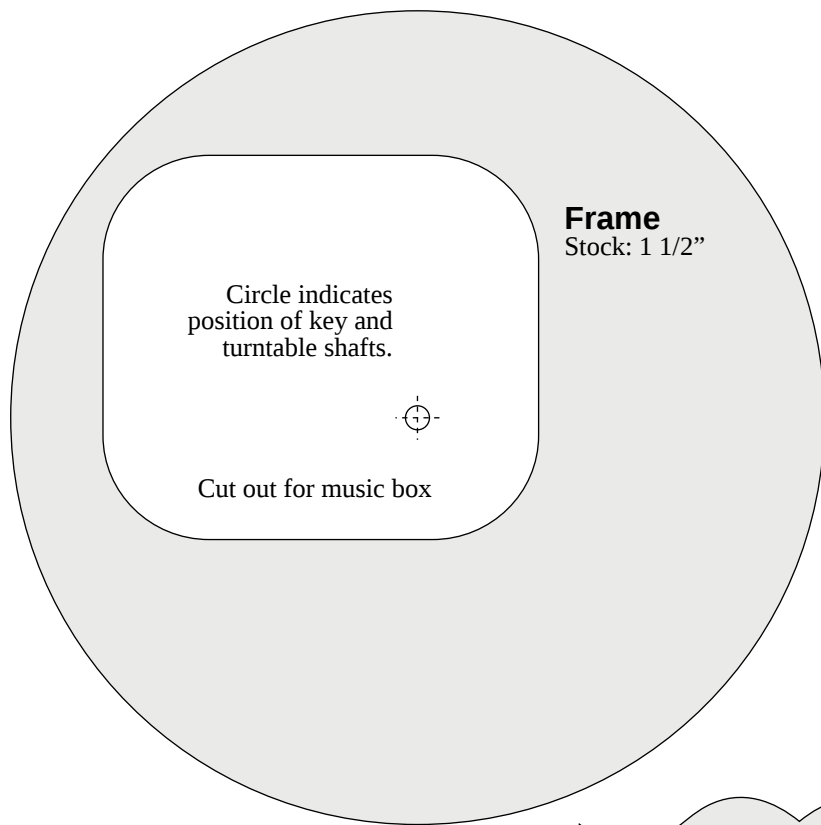
Foot
Stock: 3/4", cut 2
Top view.

Front

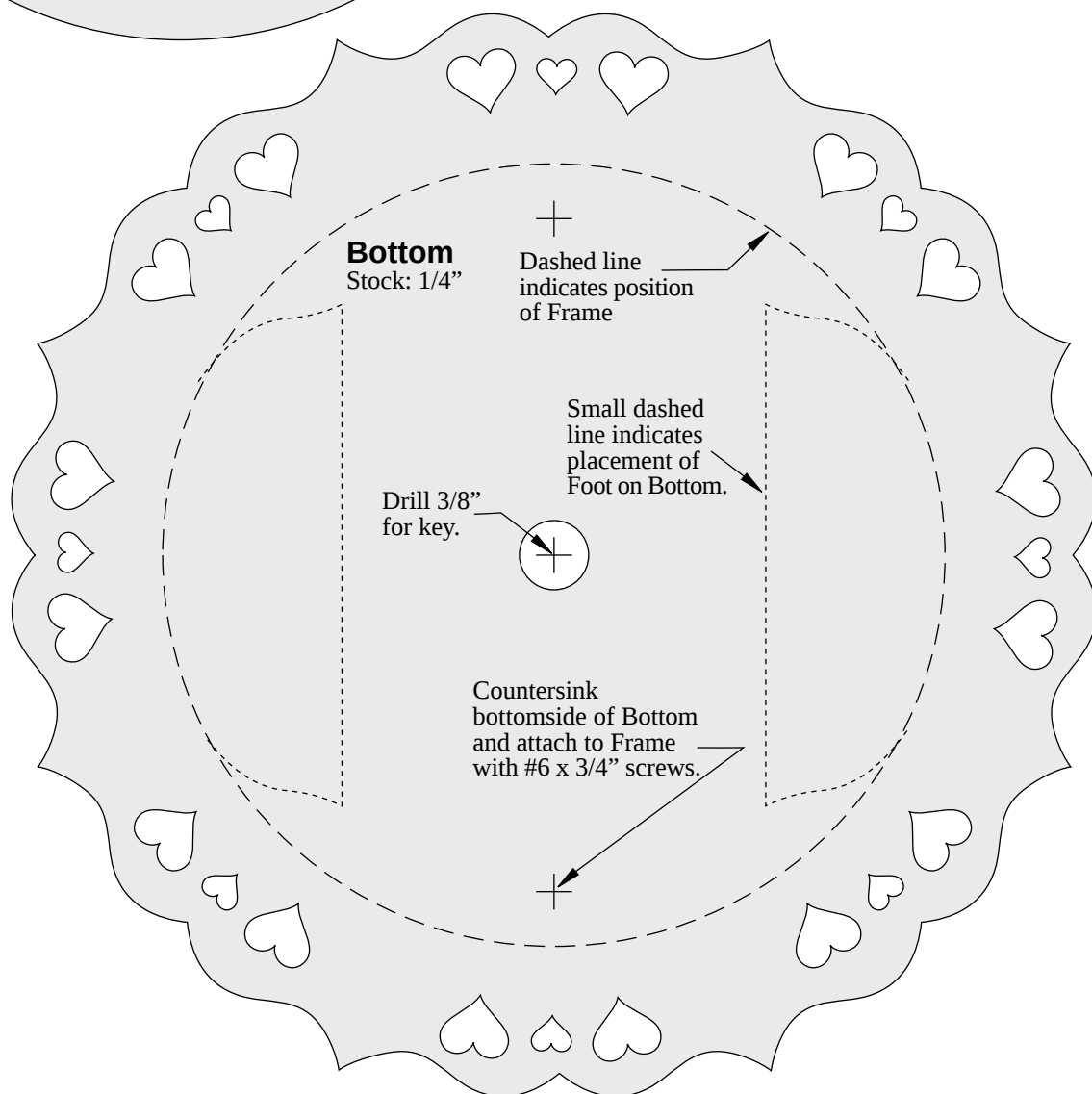
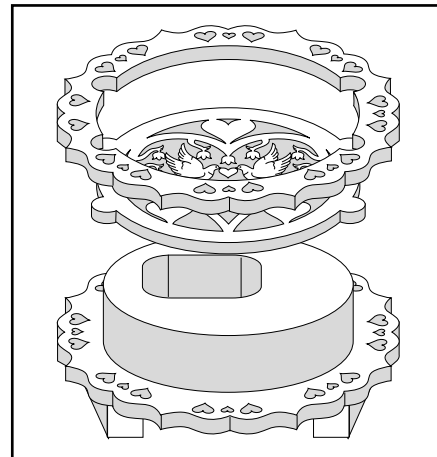
Fold on dashed line

Rear view

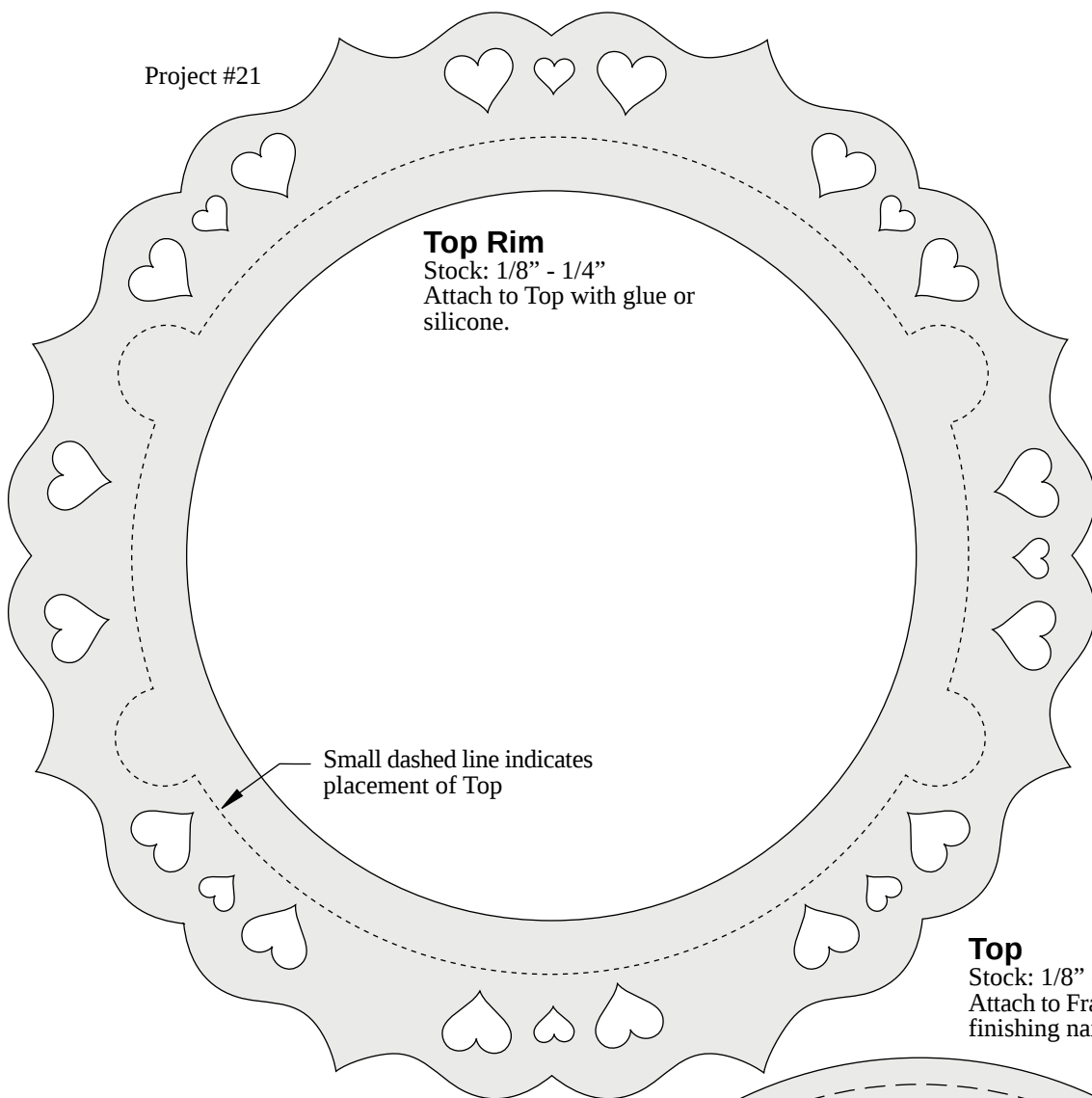
Dashed line indicates placement of Frame



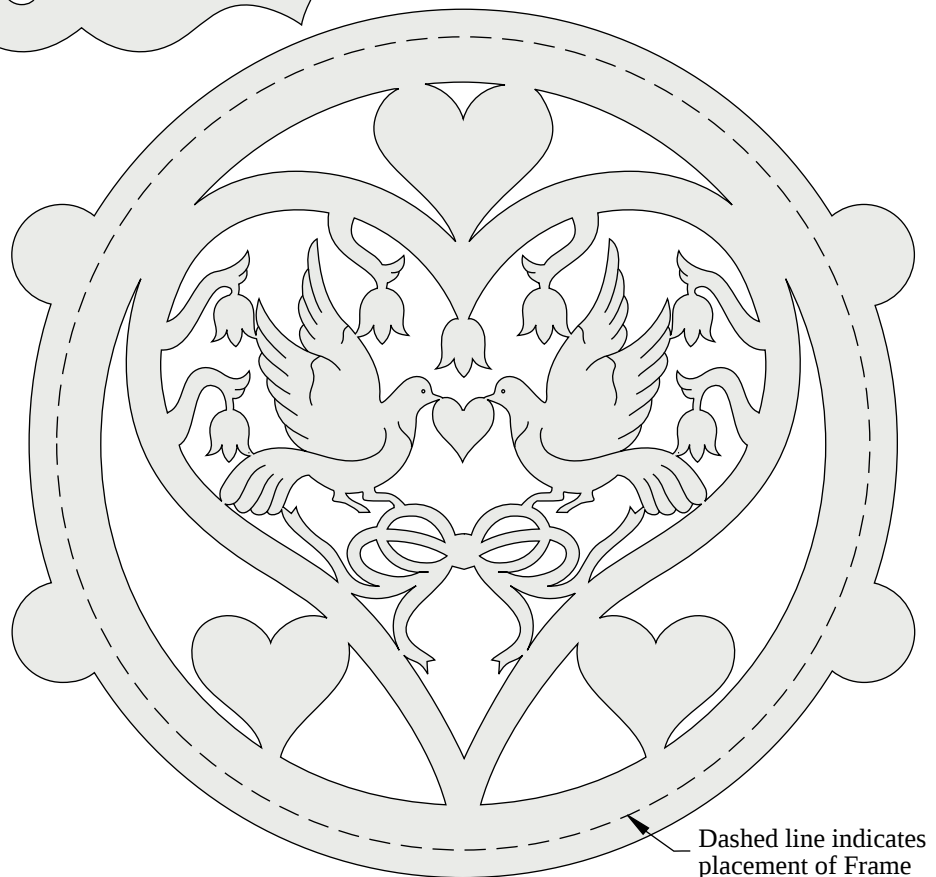
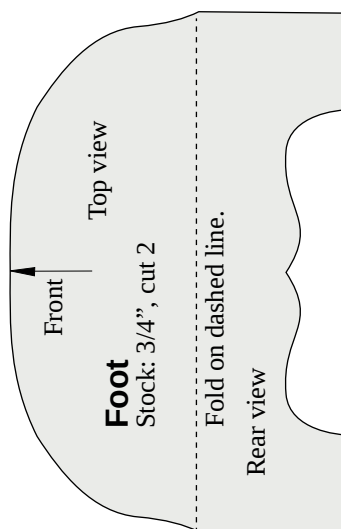
Project #21

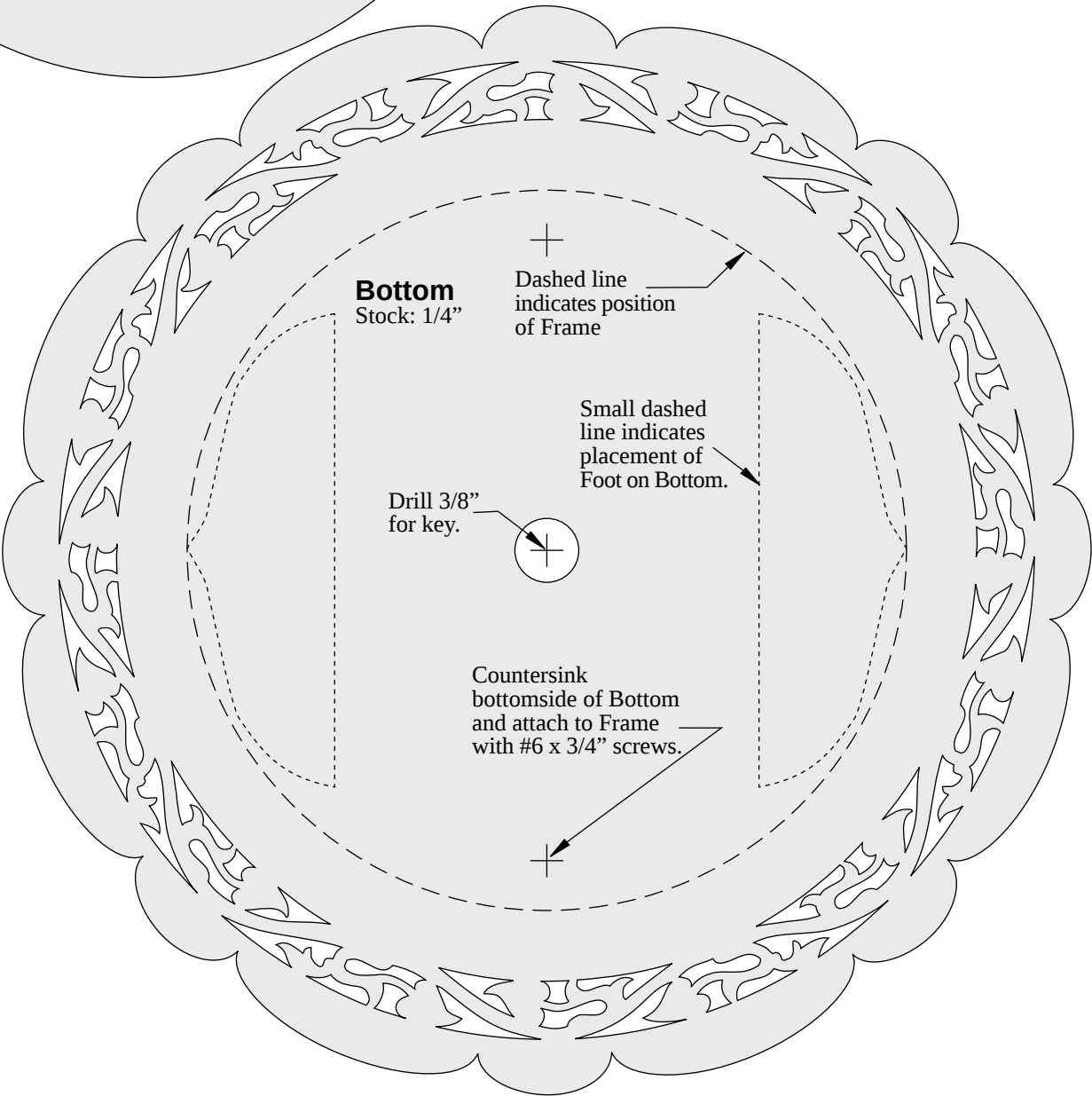
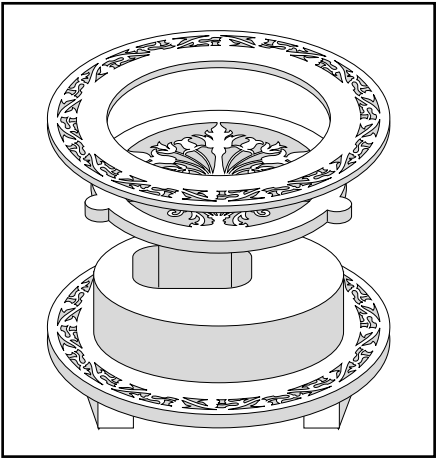
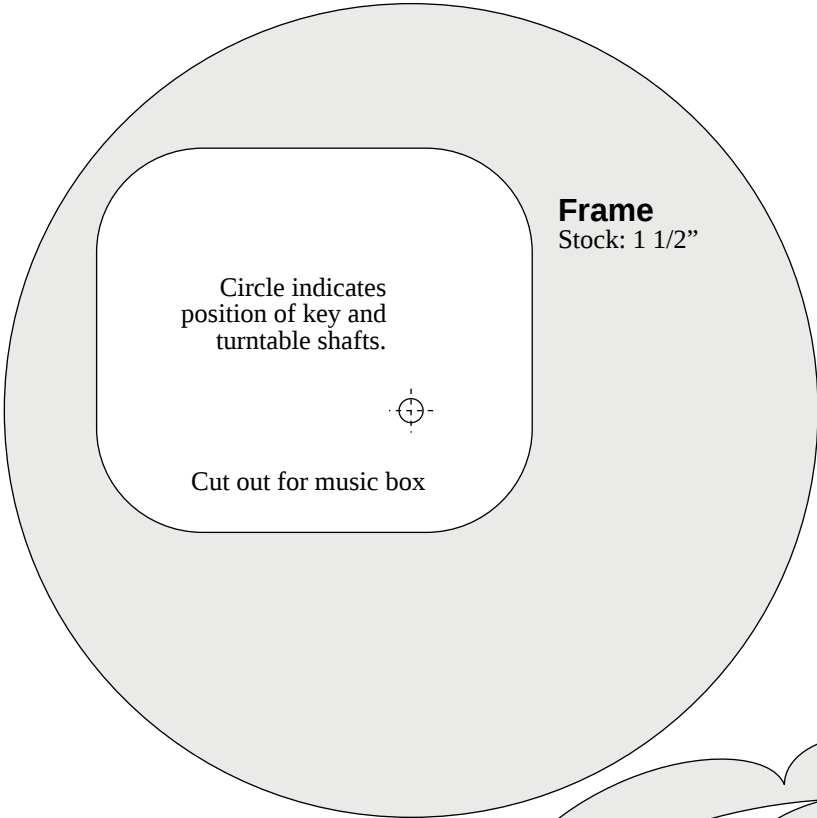


Project #21

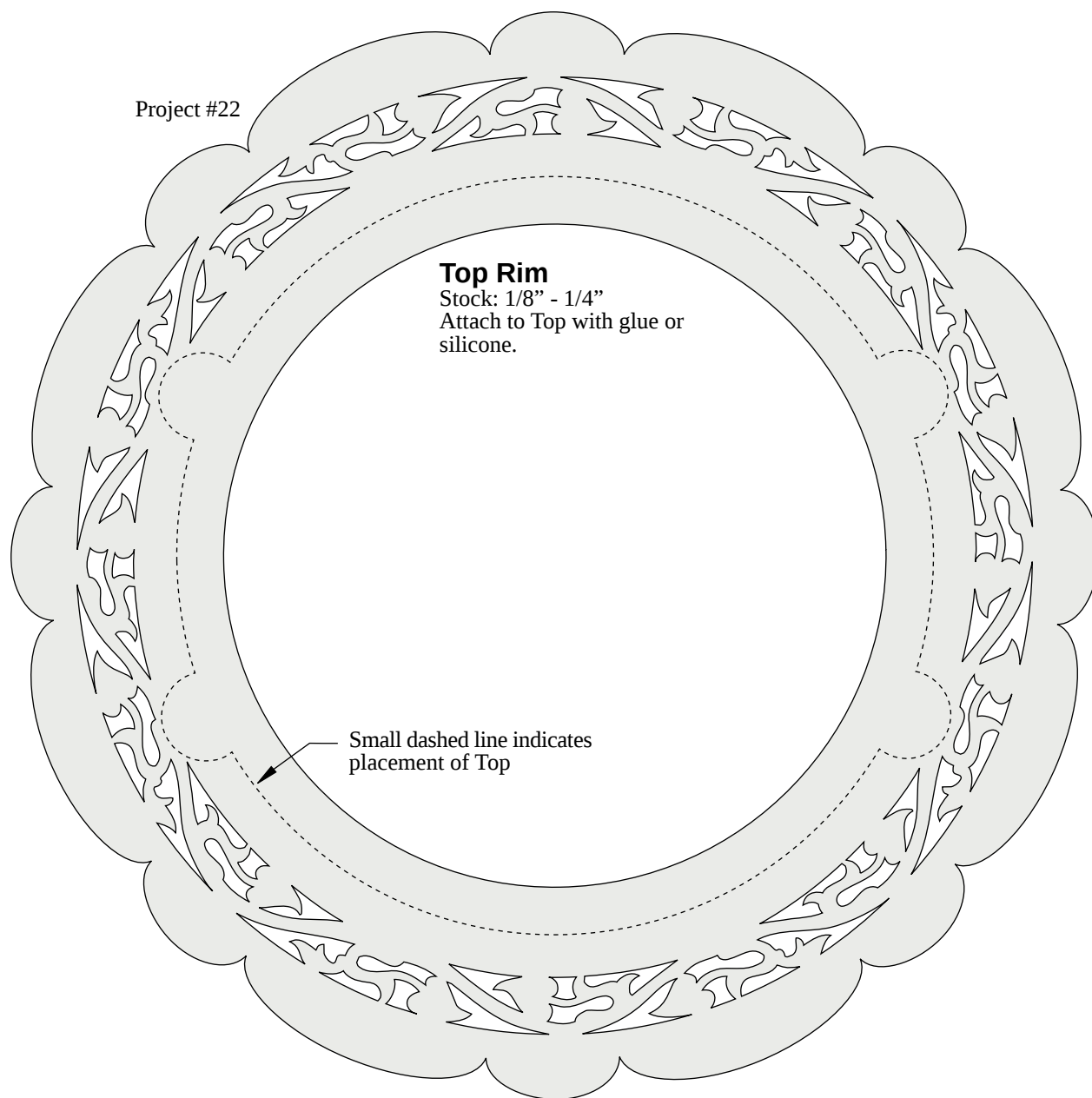


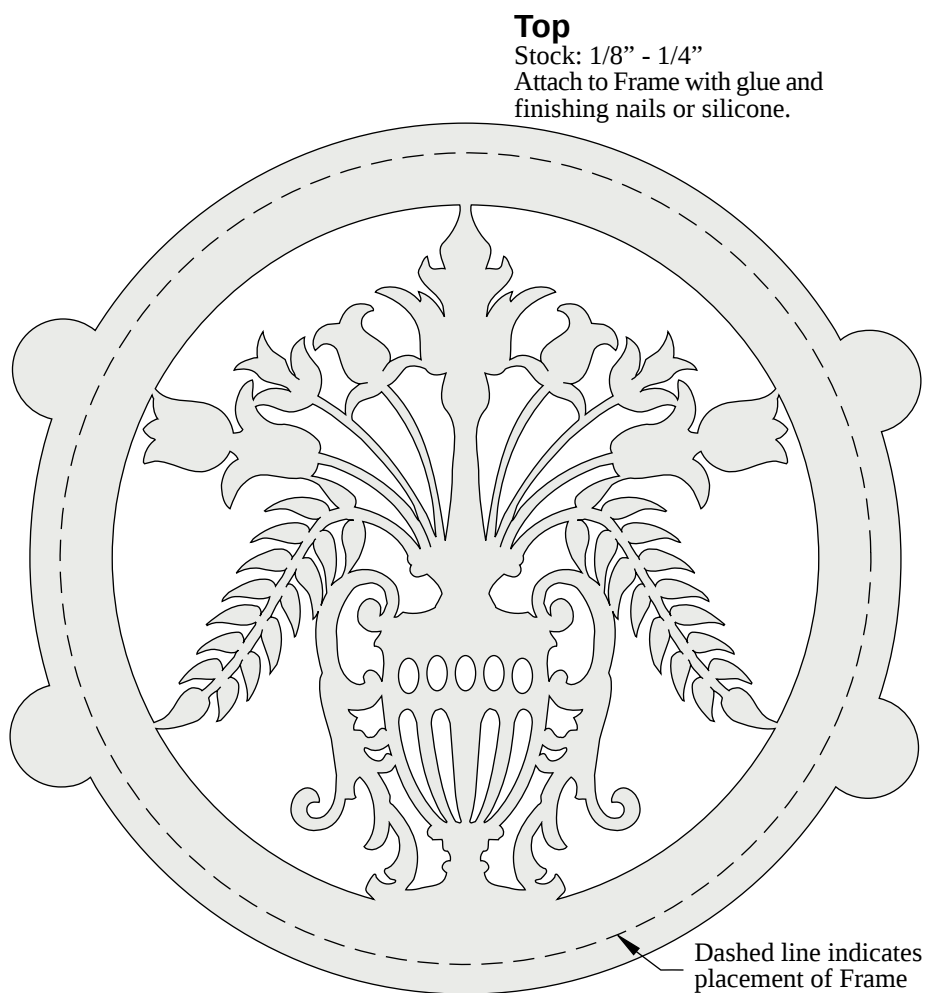
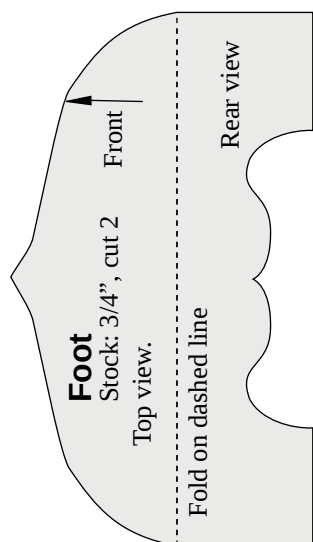
Top
Stock: 1/8" - 1/4"
Attach to Frame with glue and finishing nails or silicone.



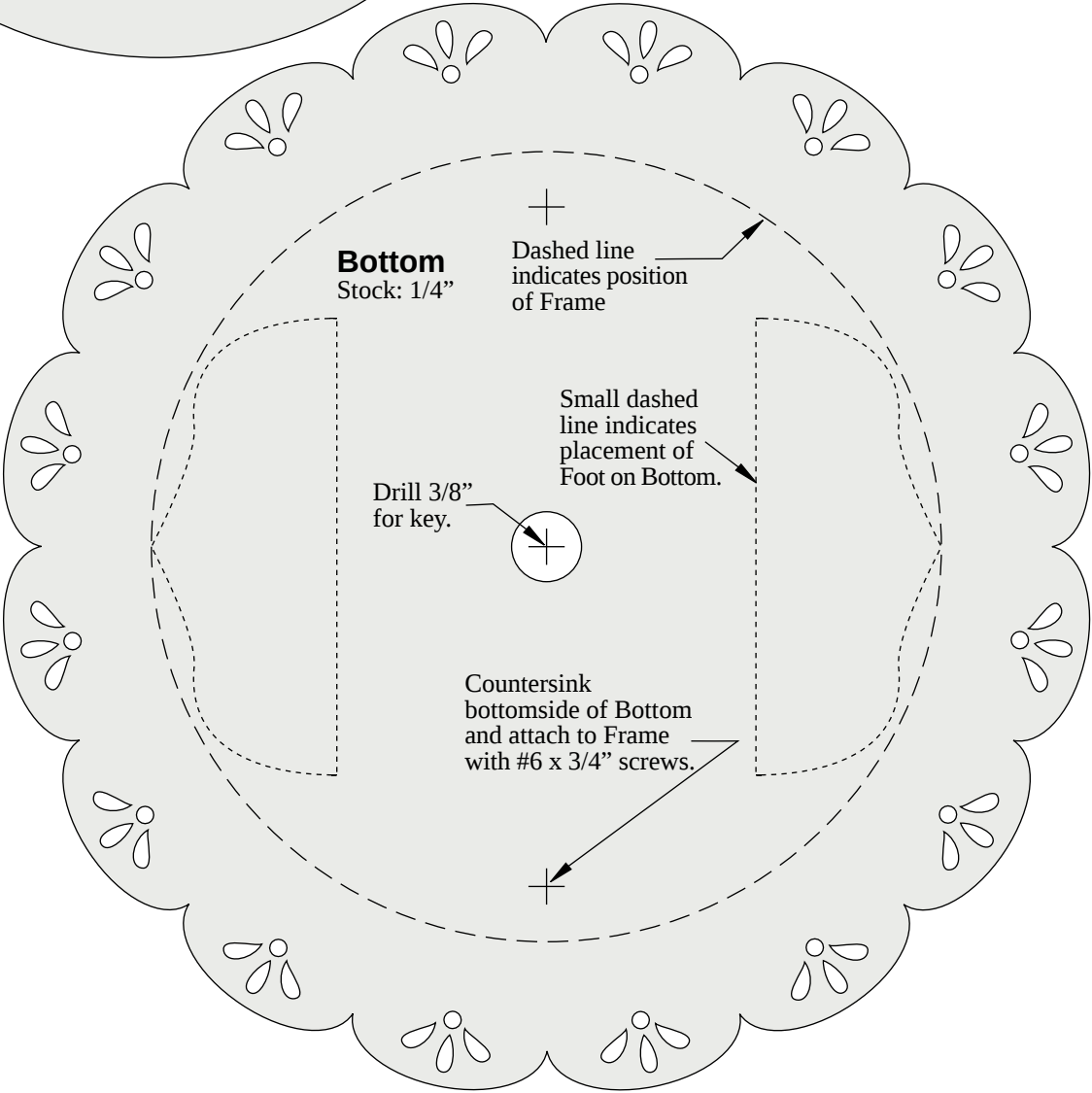
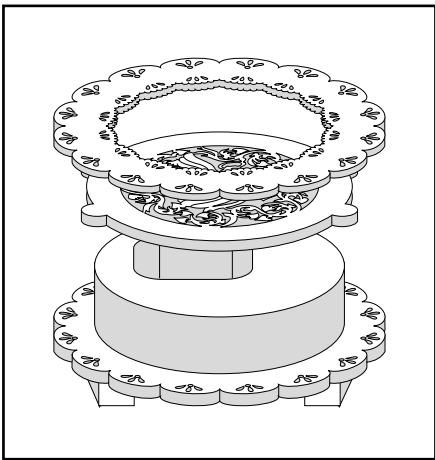
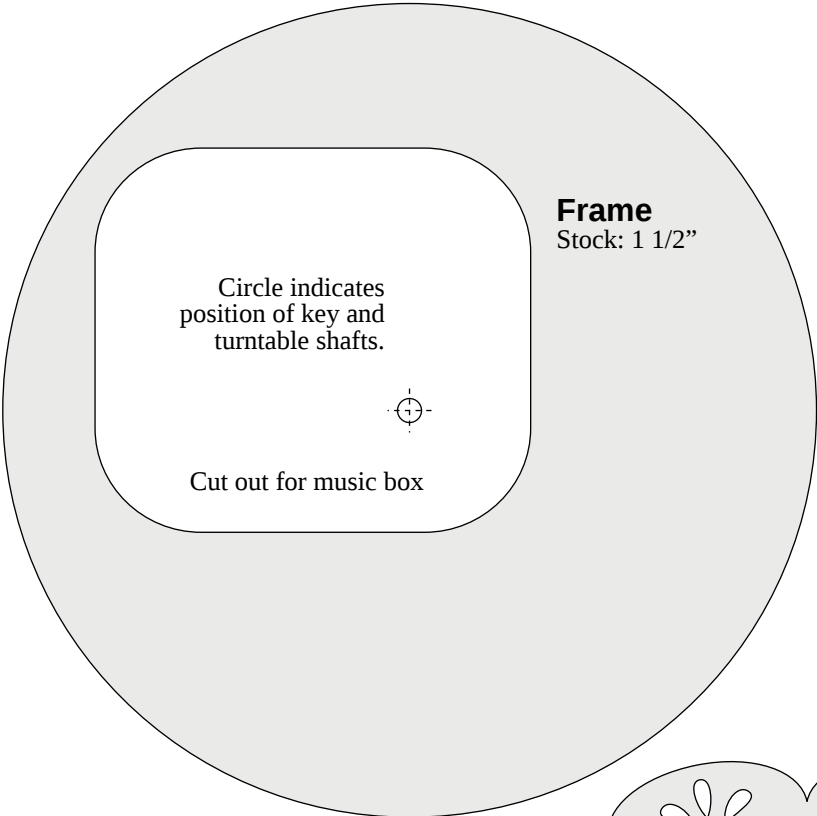


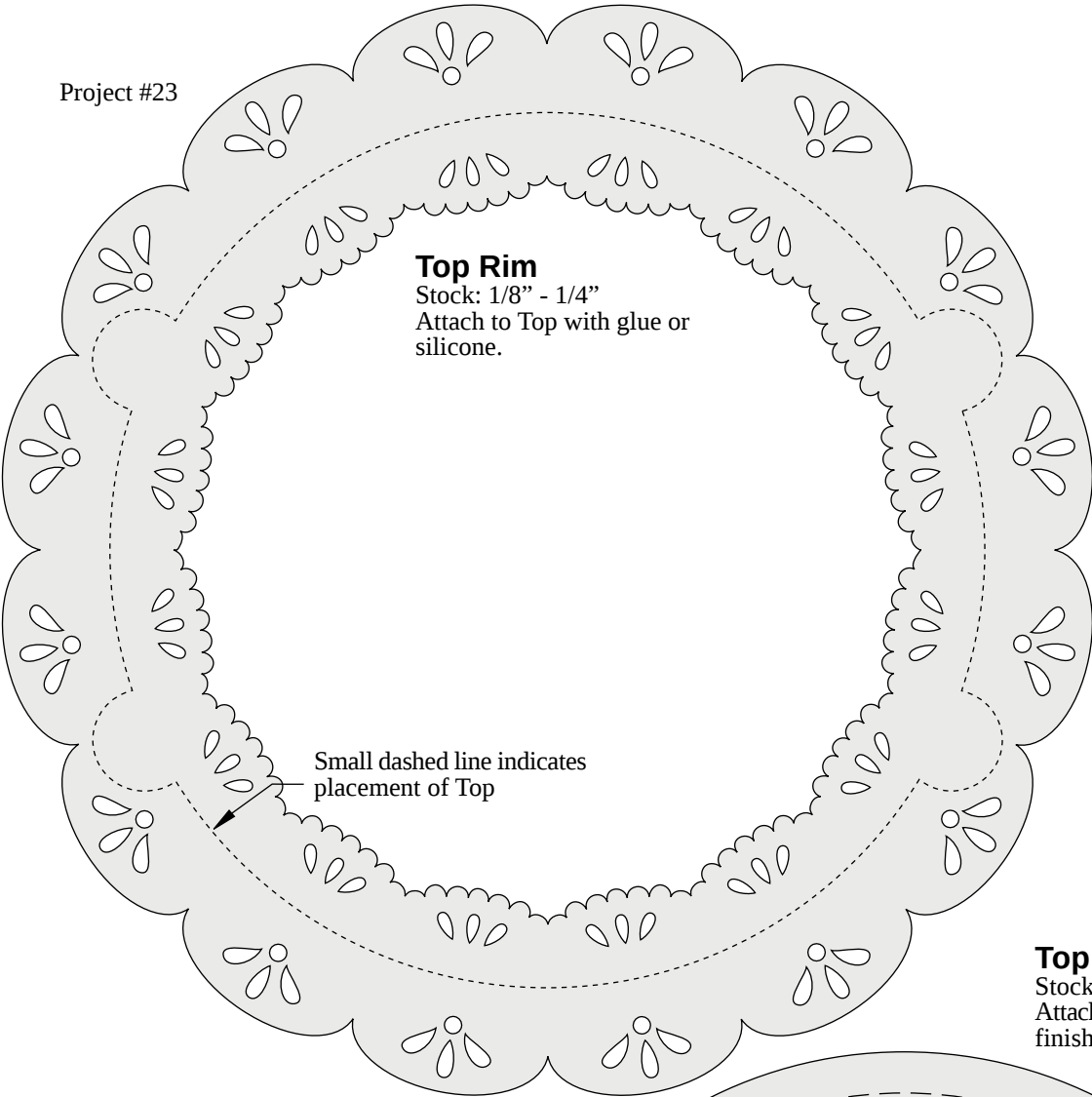
Project #22





Project #23

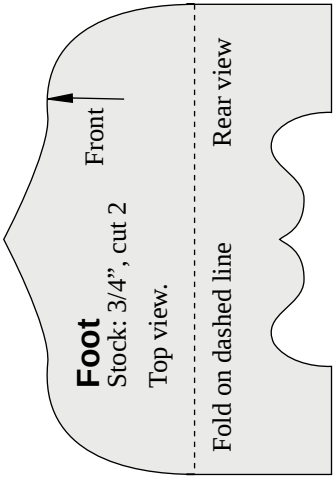




Top Rim
Stock: 1/8" - 1/4"
Attach to Top with glue or silicone.

Small dashed line indicates placement of Top

Top
Stock: 1/8" - 1/4"
Attach to Frame with glue and finishing nails or silicone.

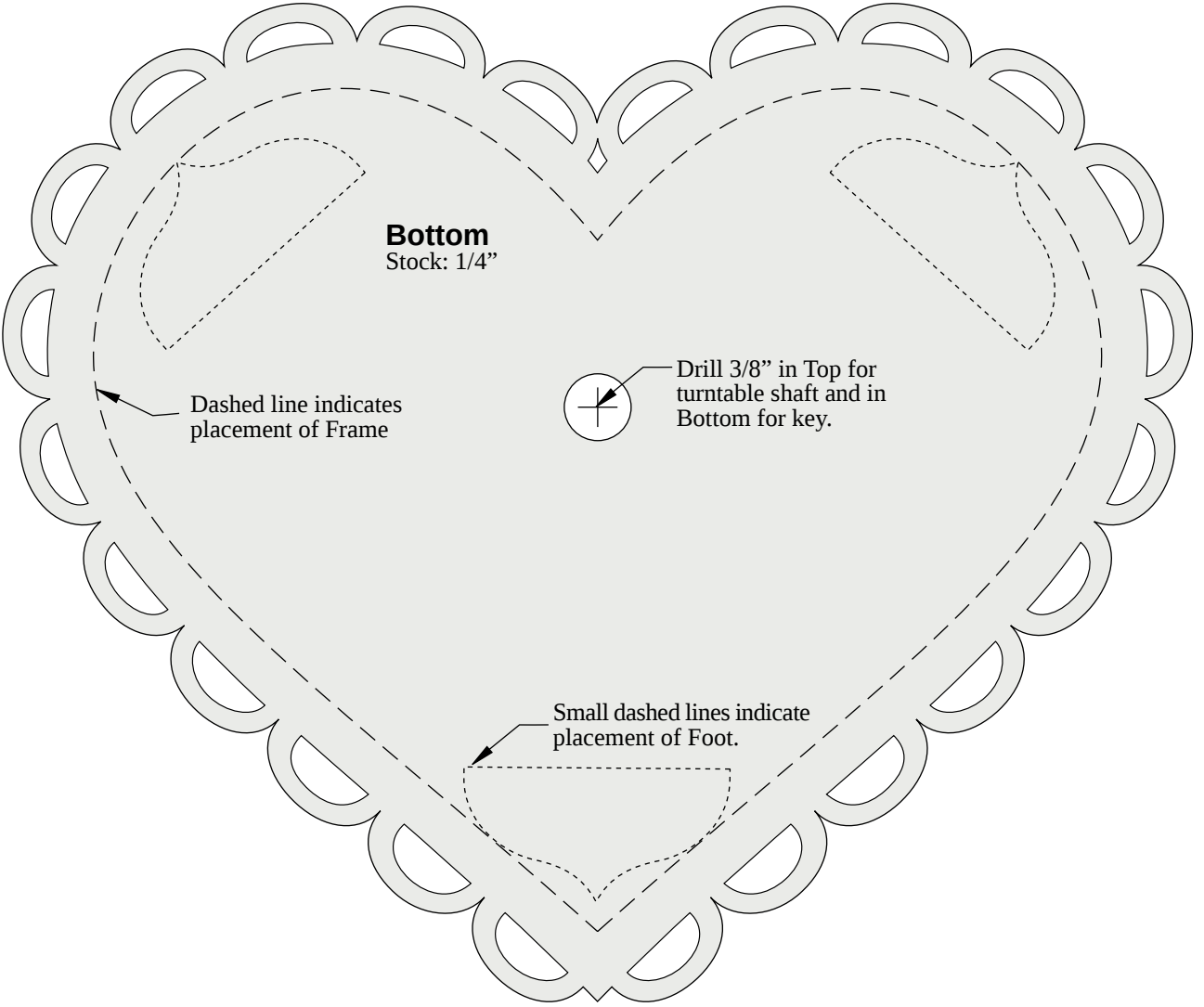
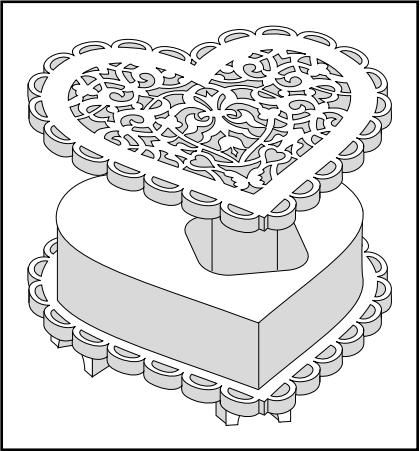
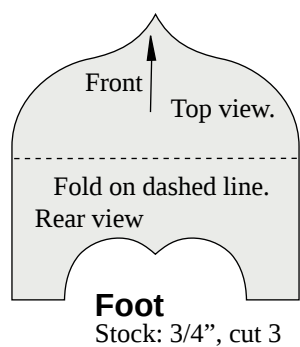


Foot
Stock: 3/4", cut 2
Top view.

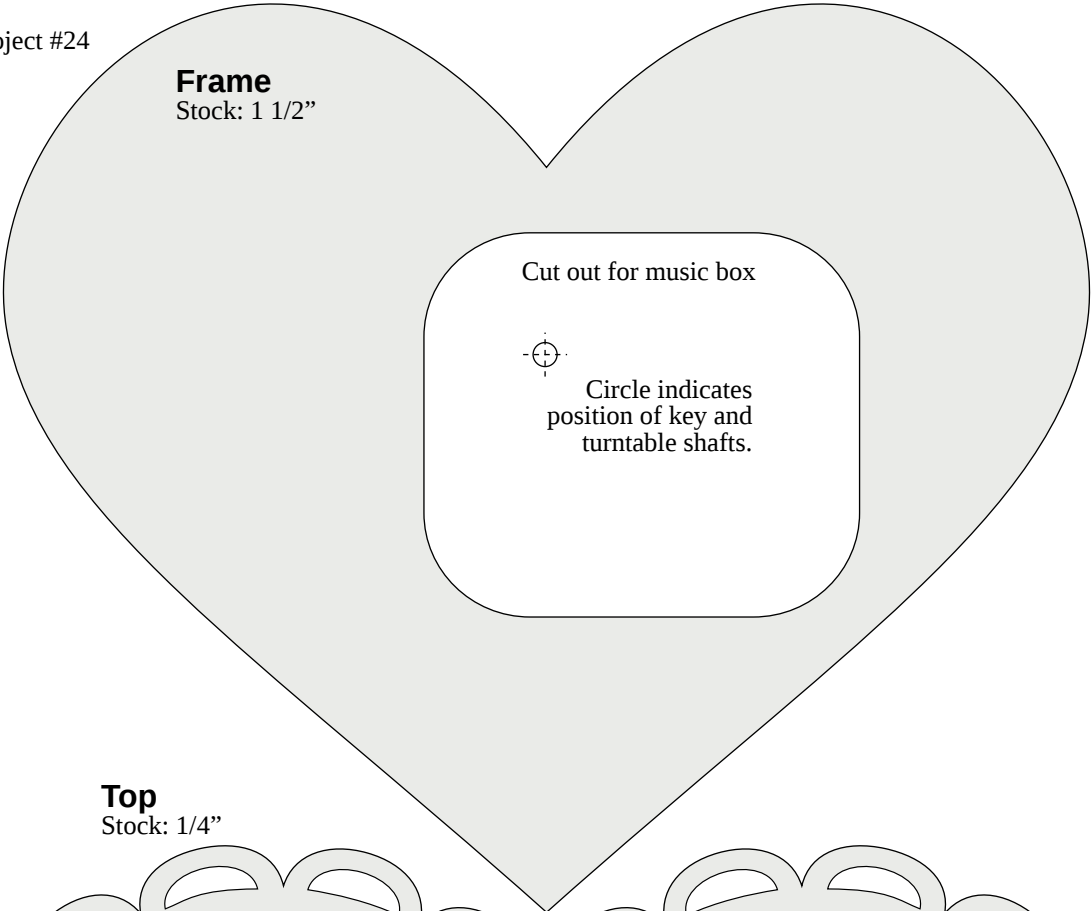
Fold on dashed line



Dashed line indicates placement of Frame



Frame
Stock: 1 1/2"

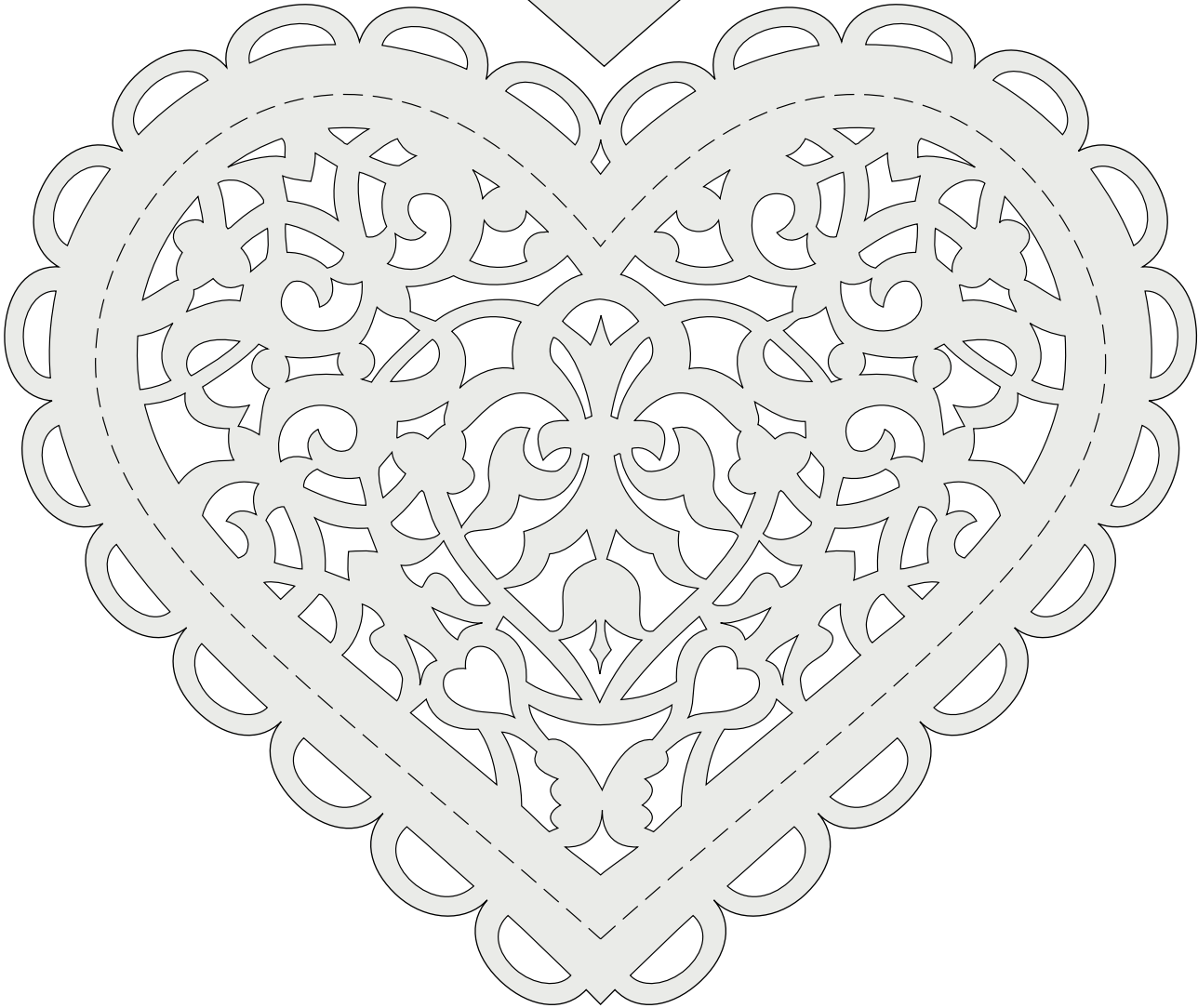


Cut out for music box

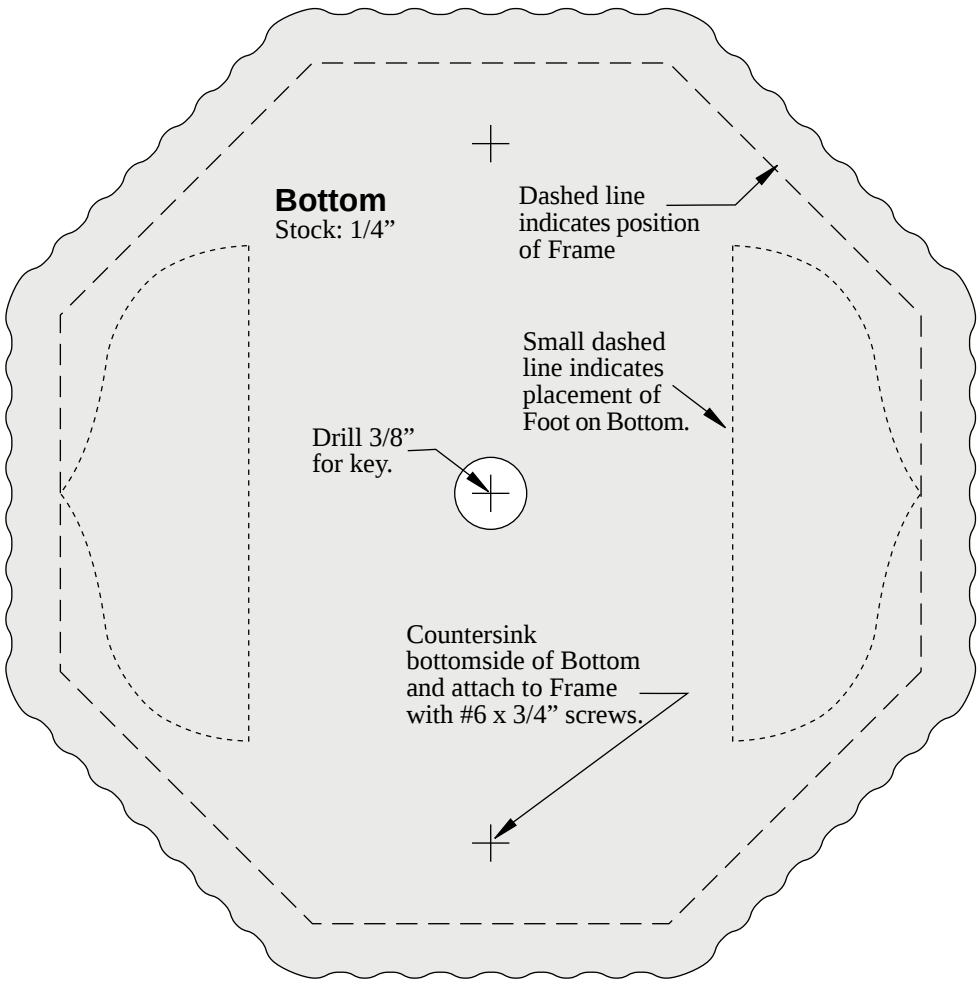
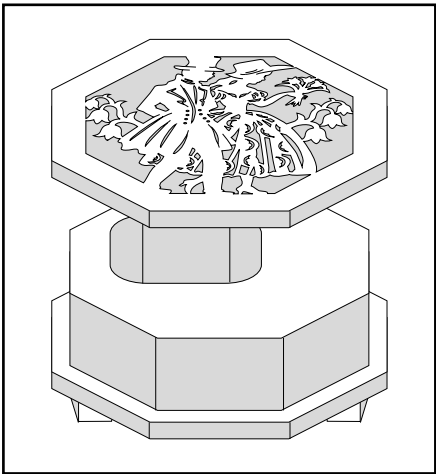
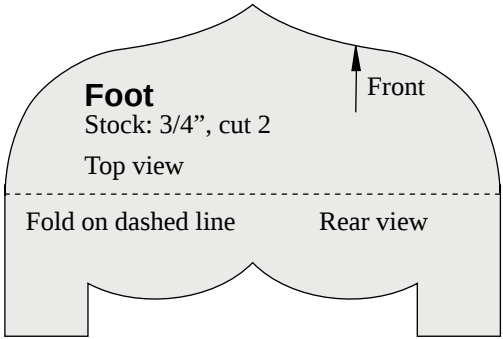


Circle indicates
position of key and
turntable shafts.

Top
Stock: 1/4"

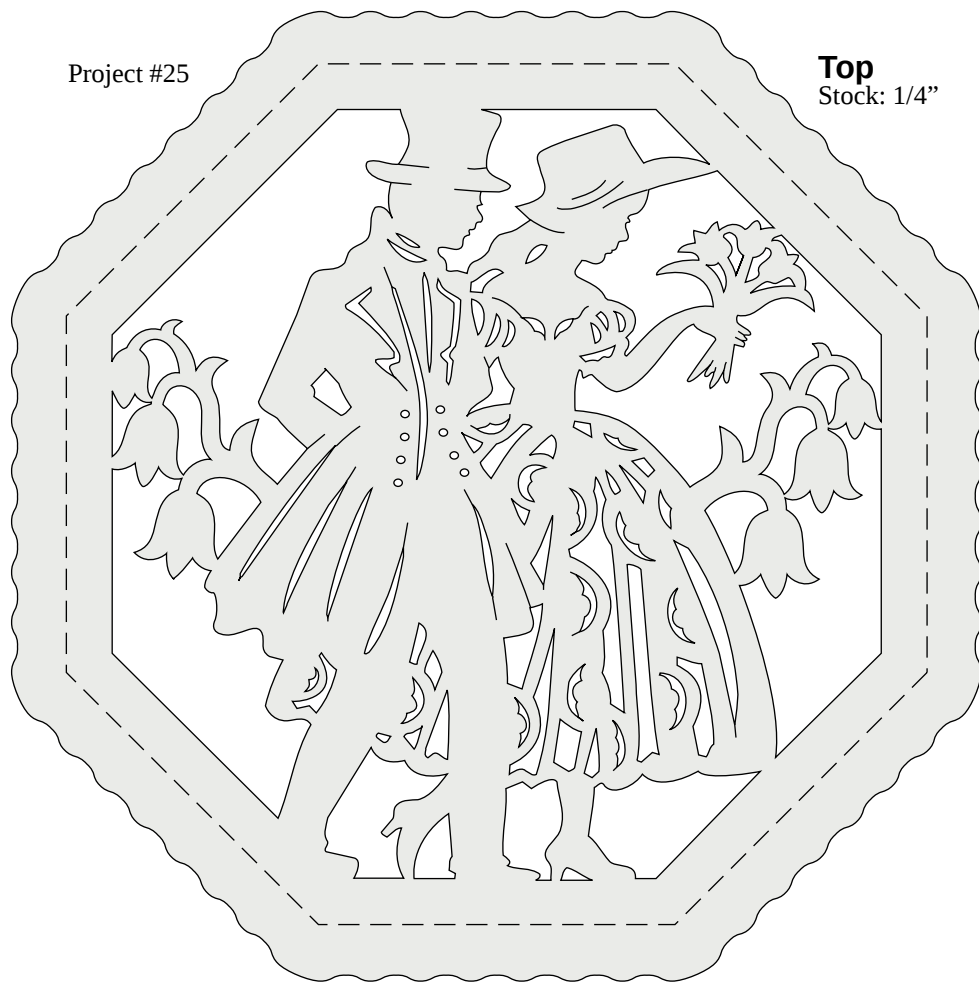


Project #25



Project #25

Top
Stock: 1/4"

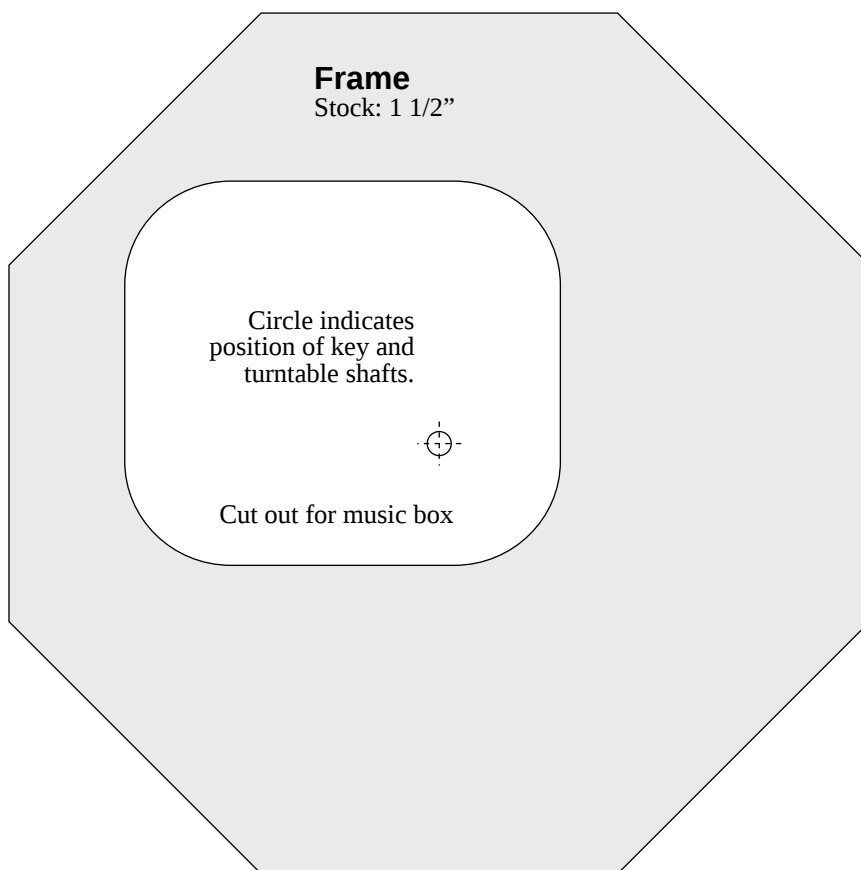


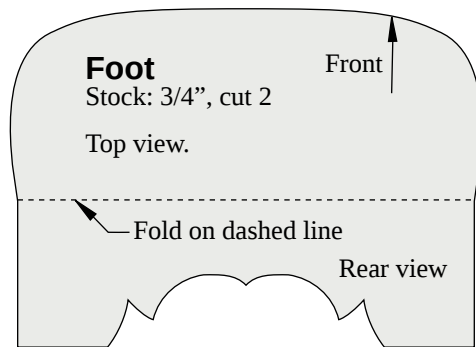
Frame
Stock: 1 1/2"

Circle indicates
position of key and
turntable shafts.

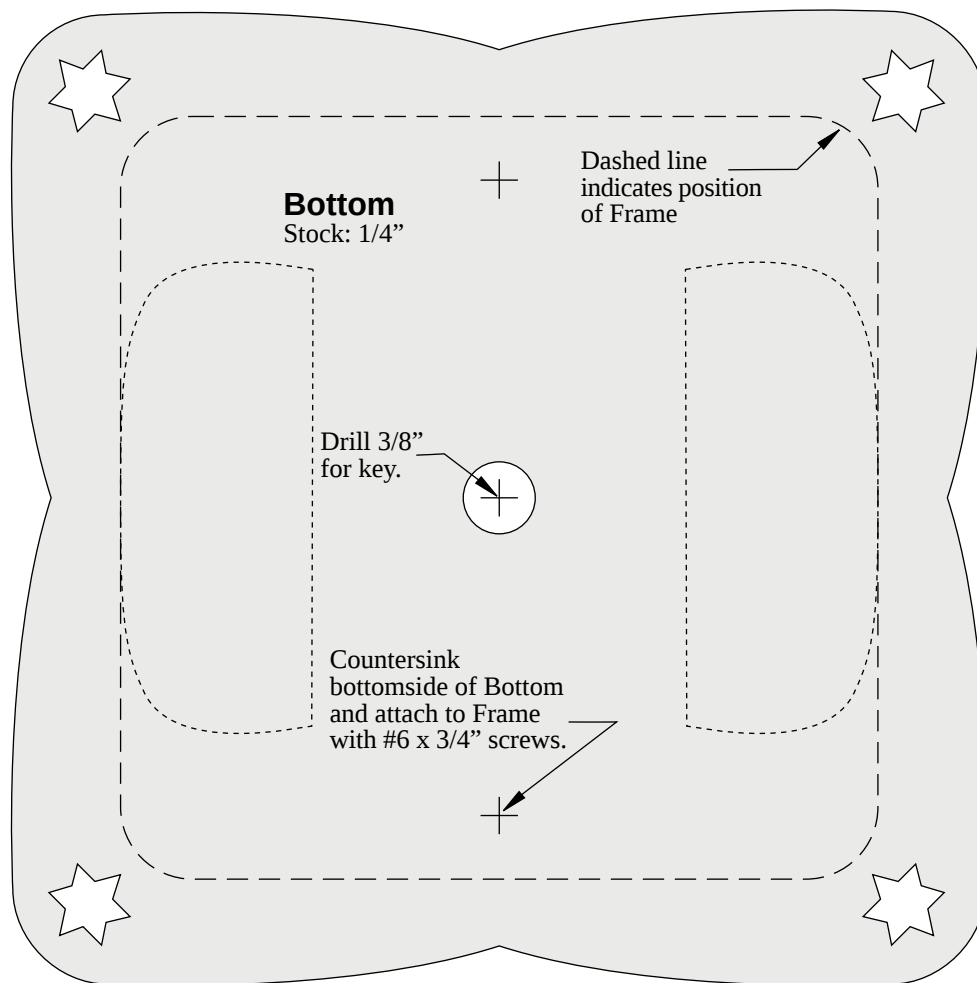
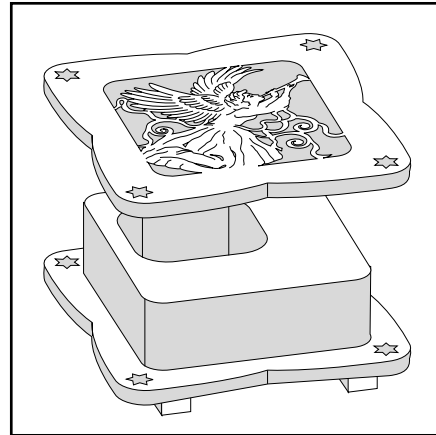


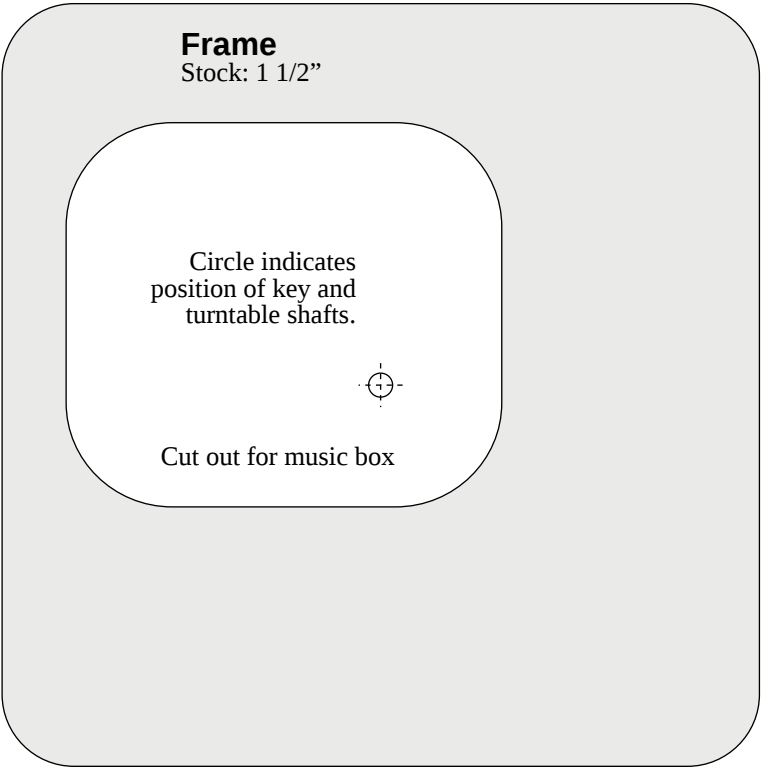
Cut out for music box

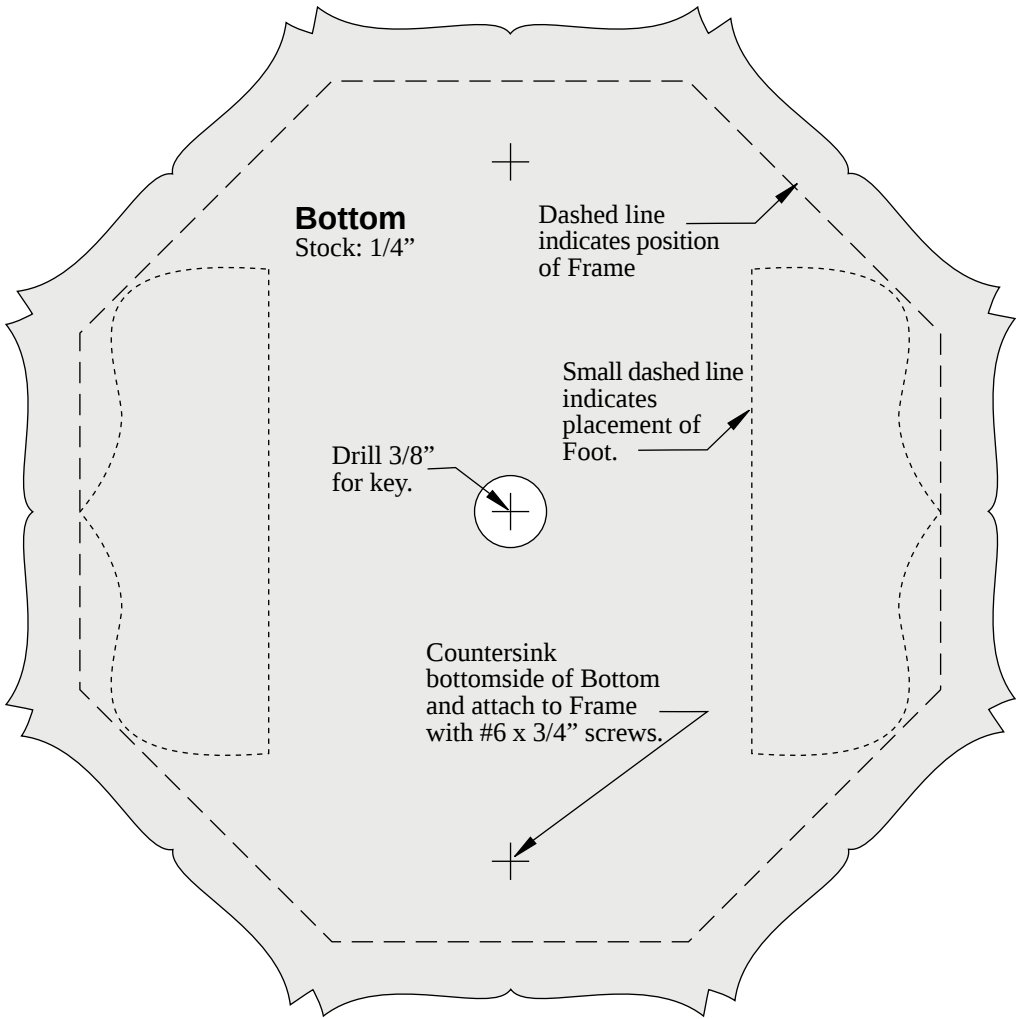
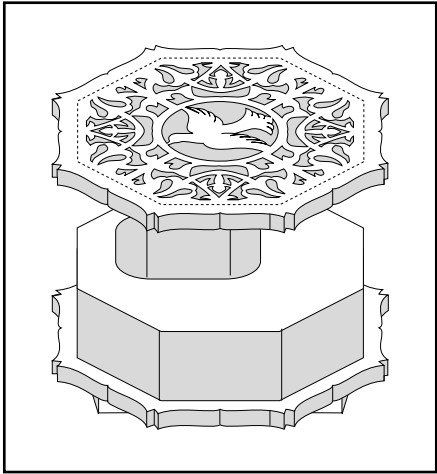
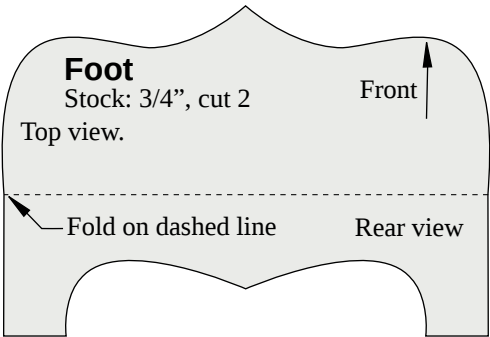




Project #26

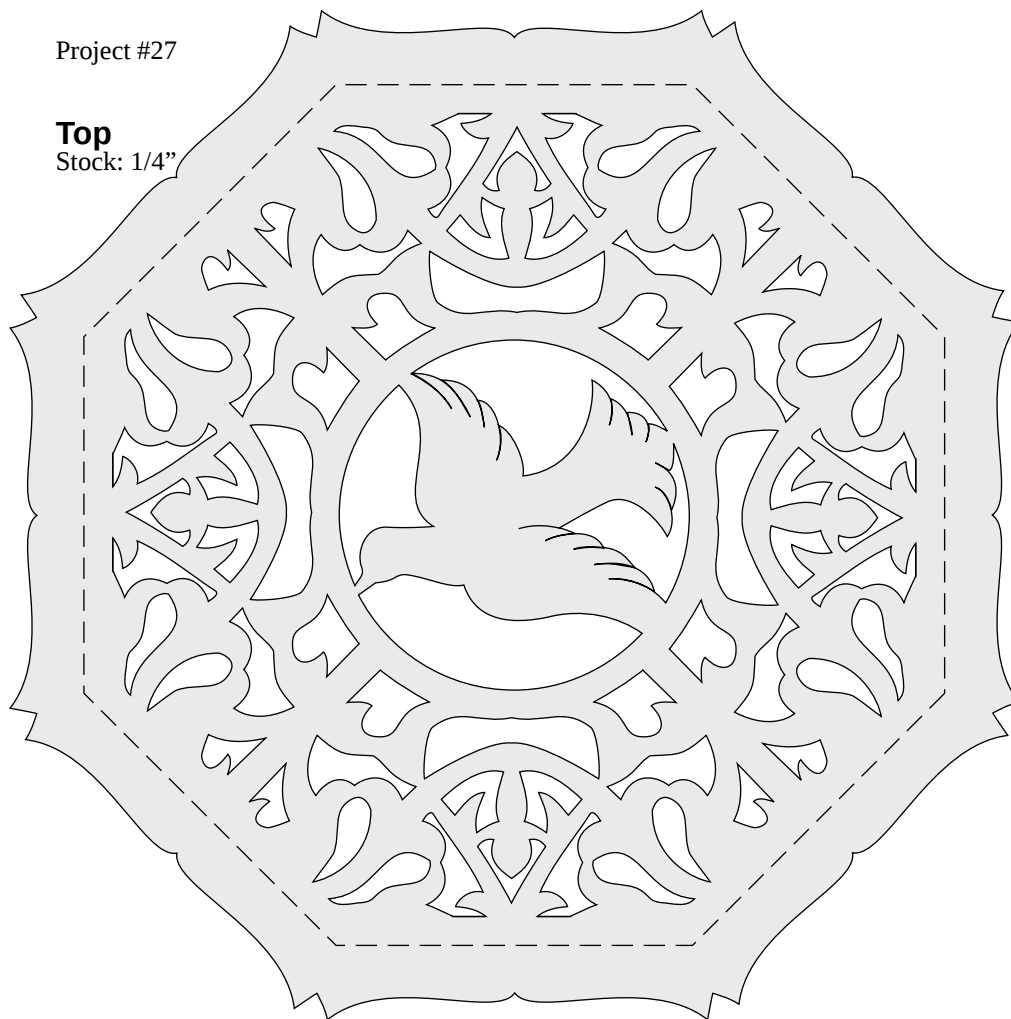






Project #27

Top
Stock: 1/4"

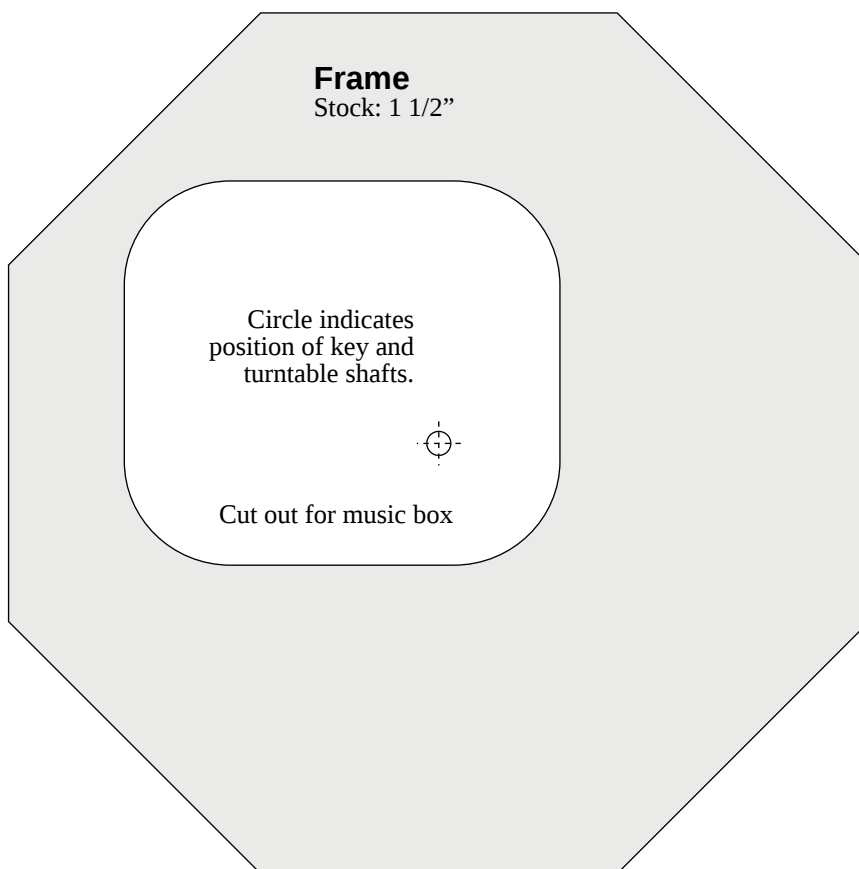


Frame
Stock: 1 1/2"

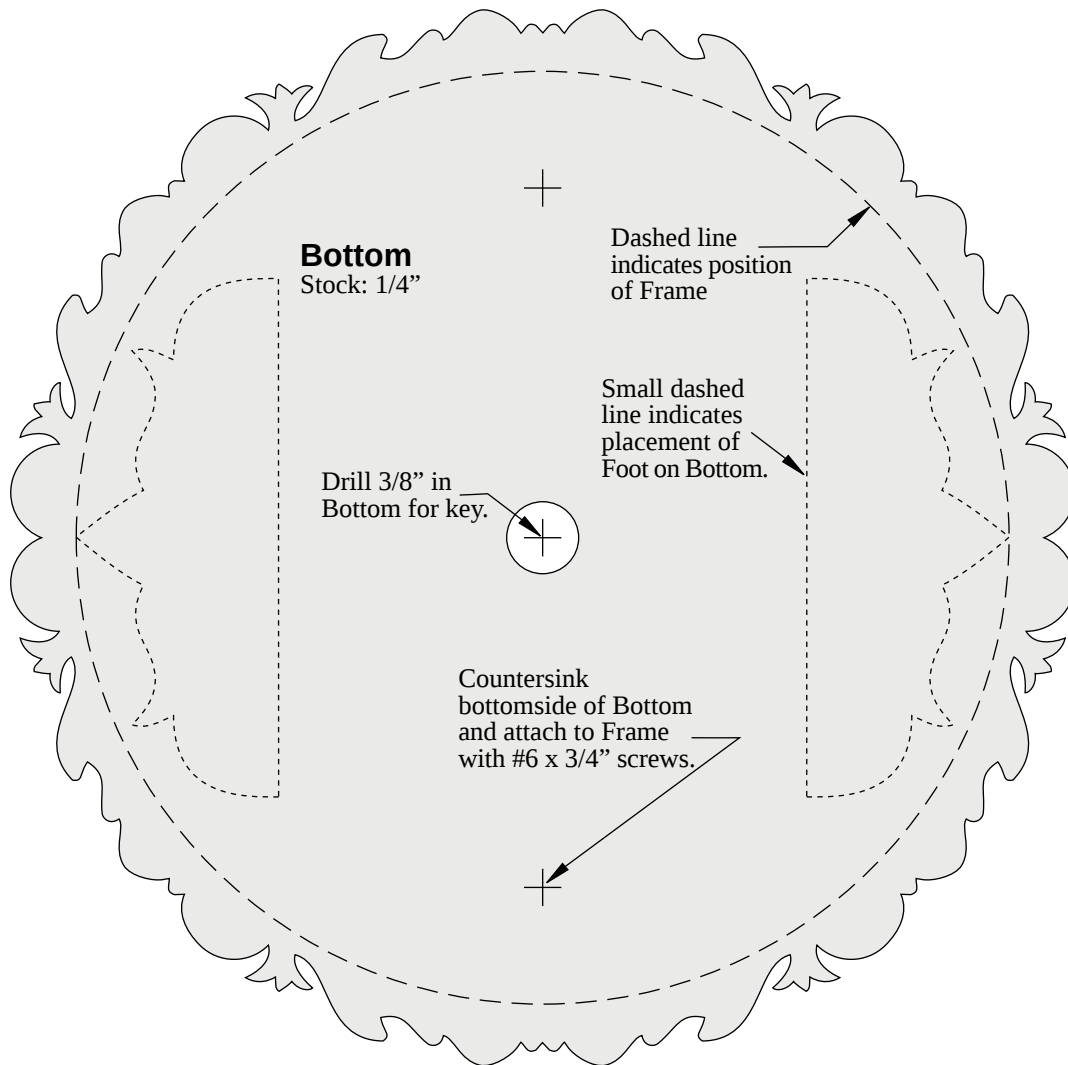
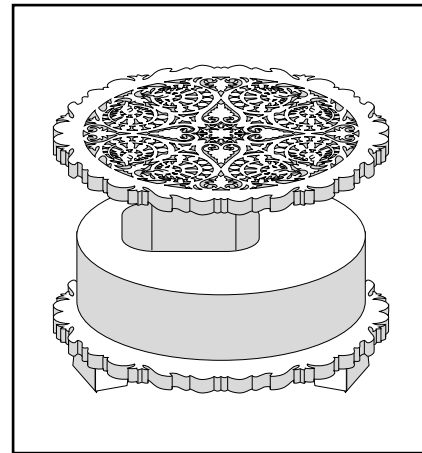
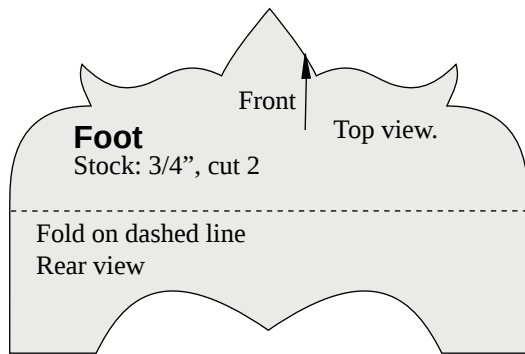
Circle indicates
position of key and
turntable shafts.



Cut out for music box

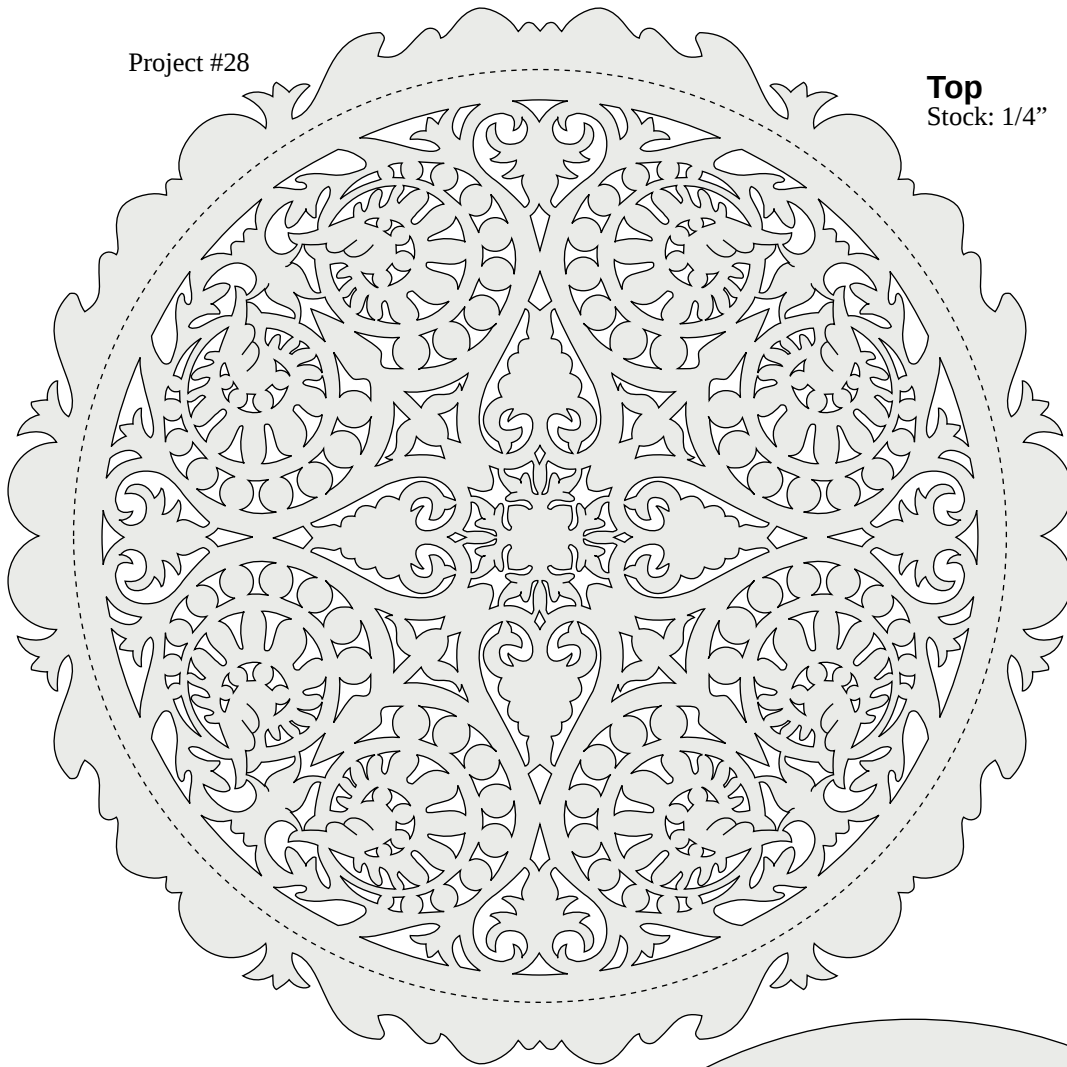


Project #28



Project #28

Top
Stock: 1/4"

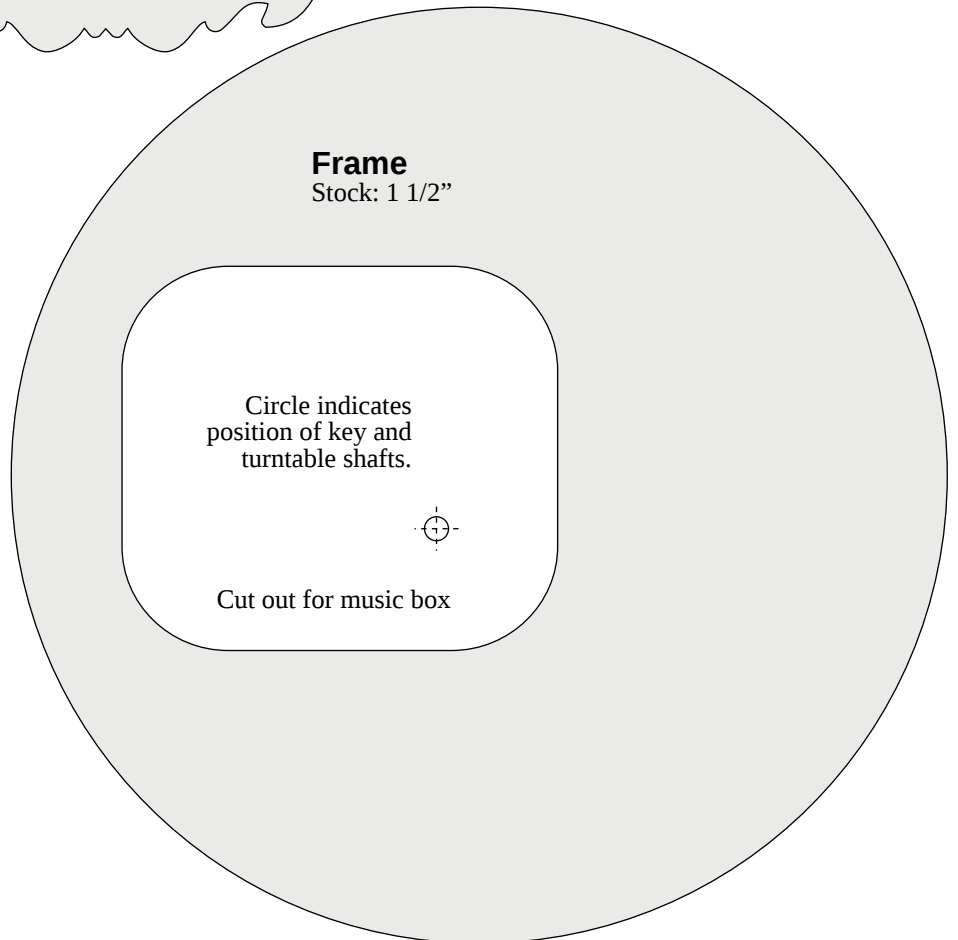


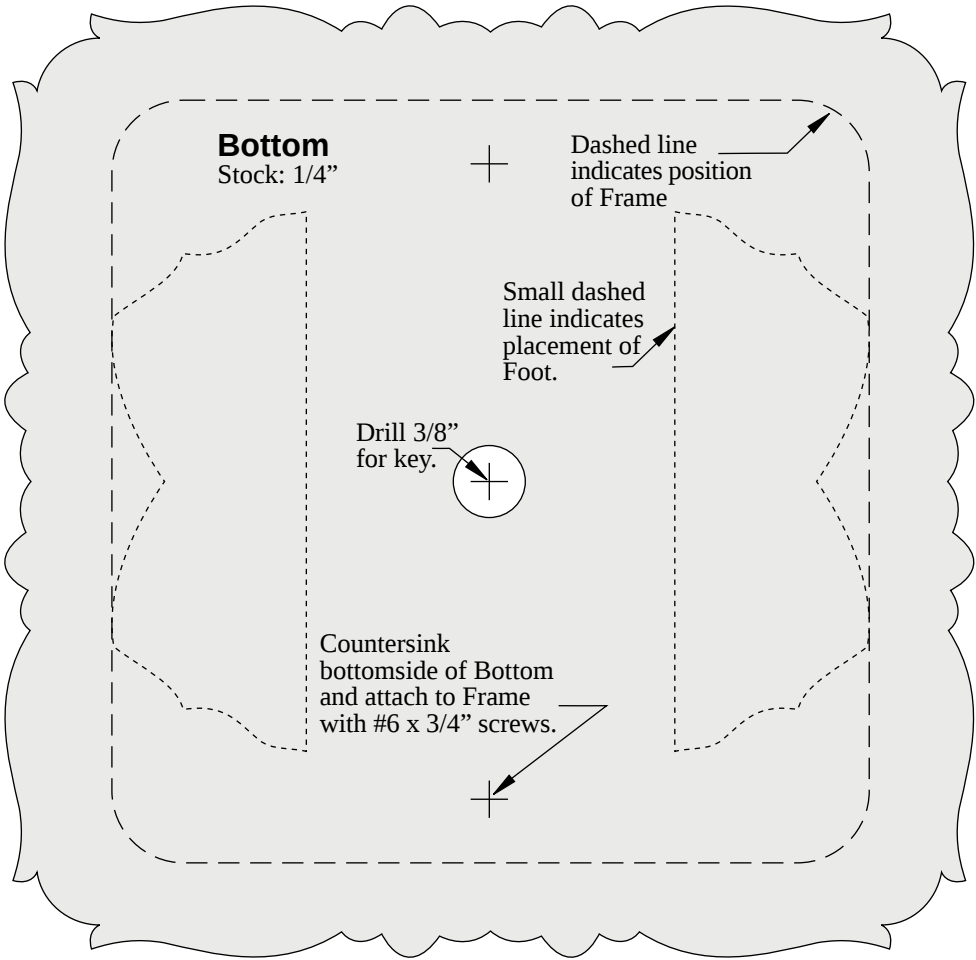
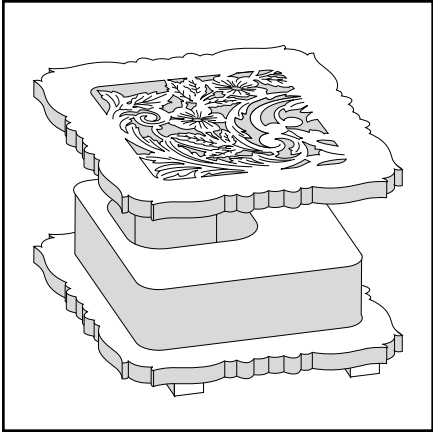
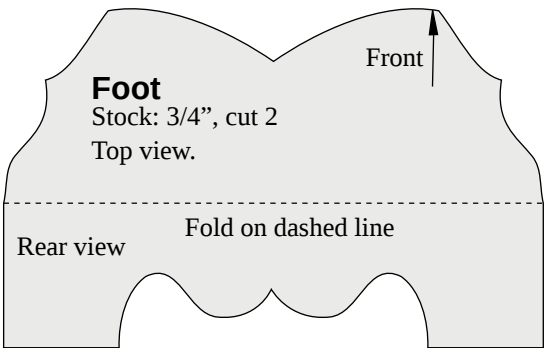
Frame
Stock: 1 1/2"

Circle indicates
position of key and
turntable shafts.

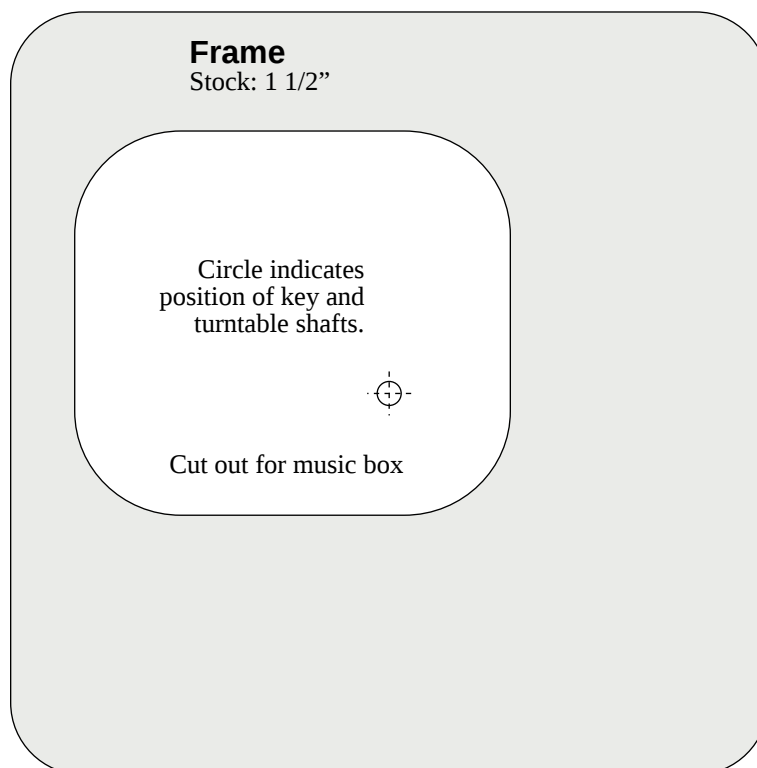


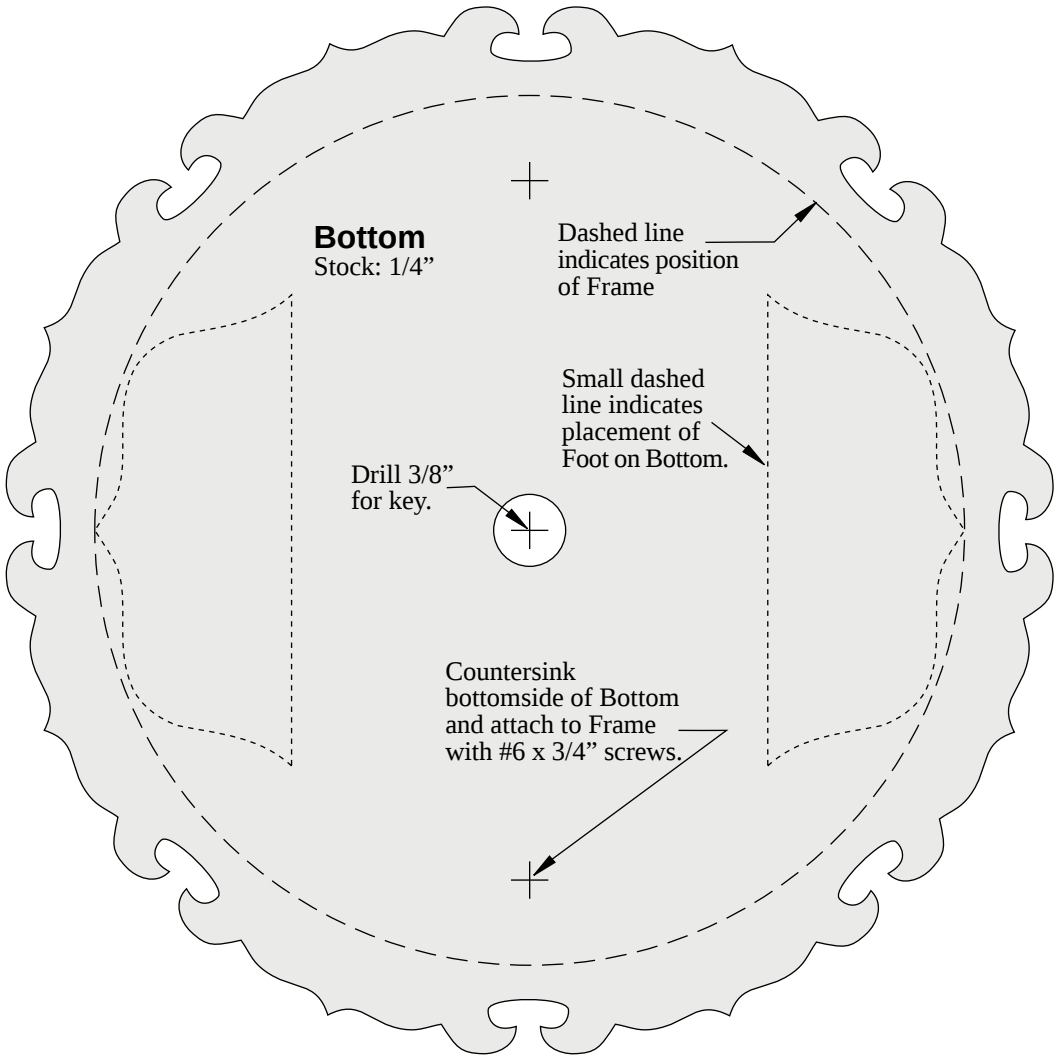
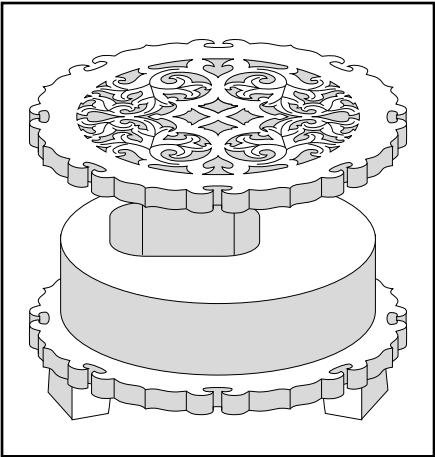
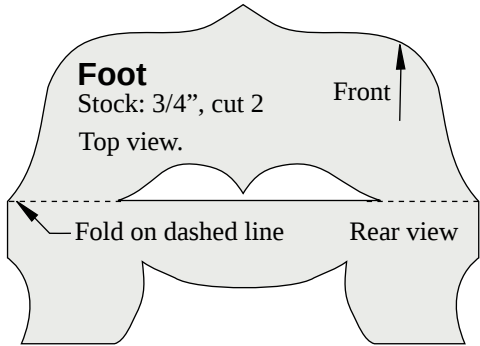
Cut out for music box



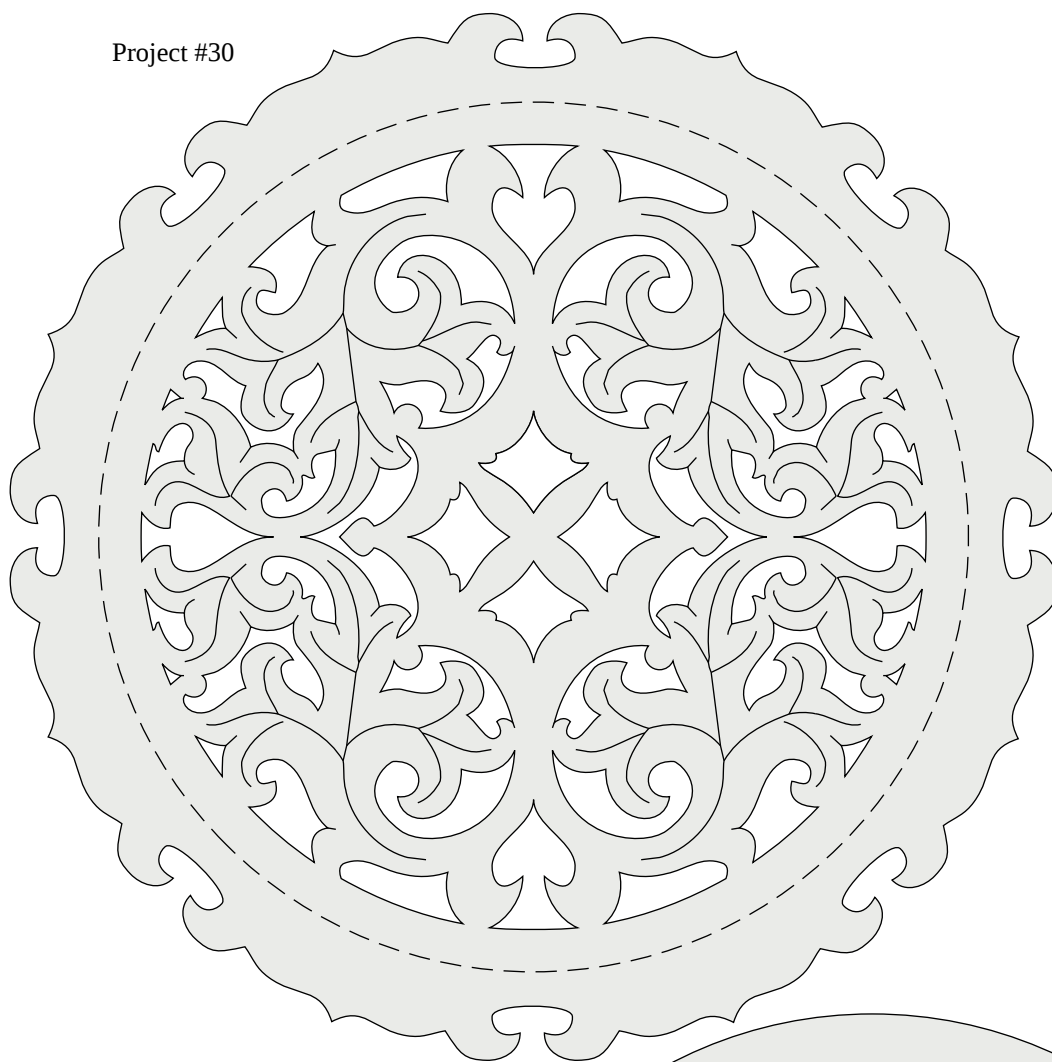


Project #29

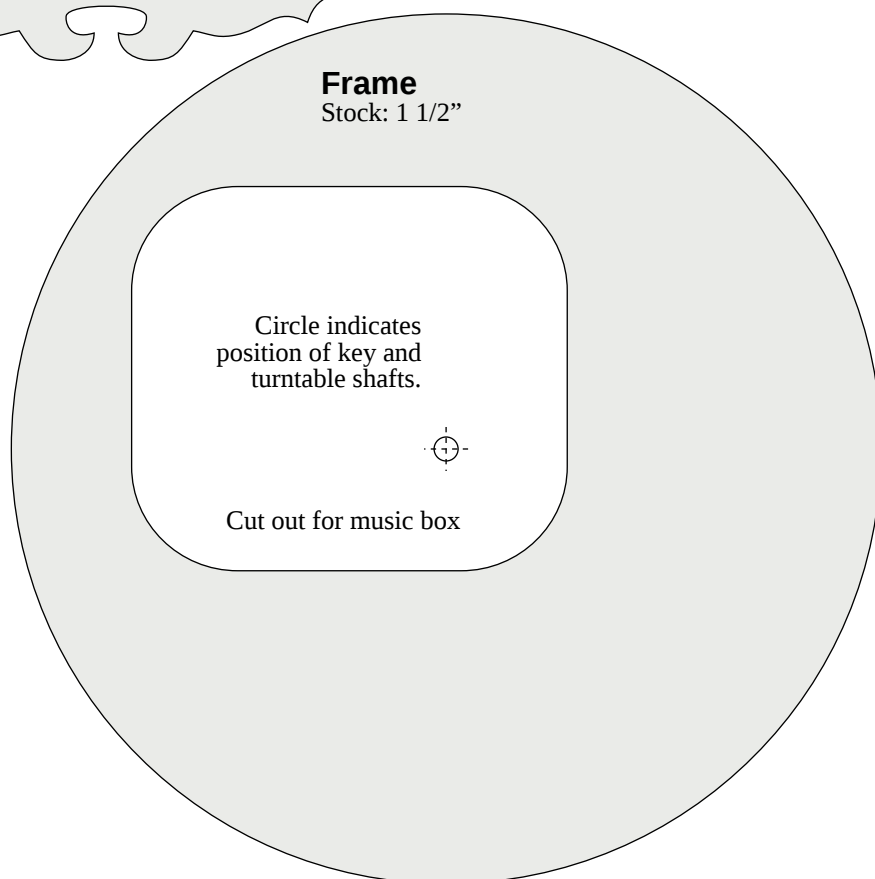




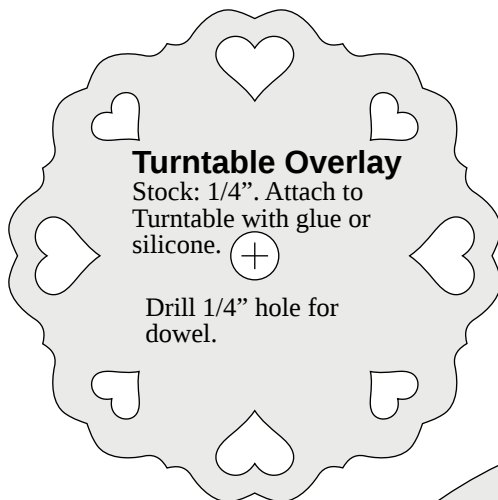
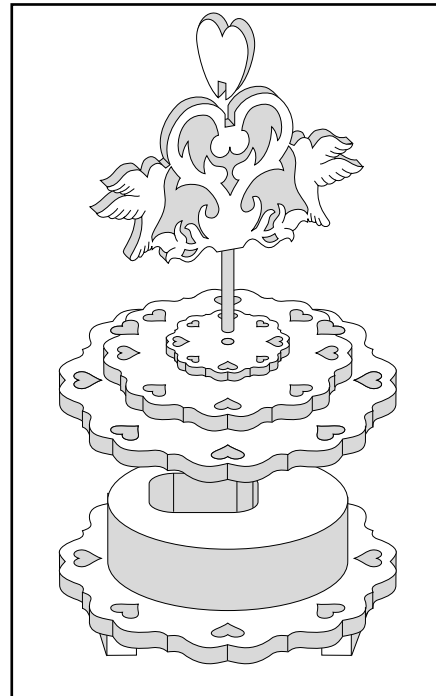
Project #30



Top
Stock: 1/4"



Frame
Stock: 1 1/2"



Turntable Overlay

Stock: 1/4". Attach to Turntable with glue or silicone.



Drill 1/4" hole for dowel.

Frame

Stock: 1 1/2"

Circle indicates position of key and turntable shafts.



Cut out for music box

Project #31

**Top
Figure**

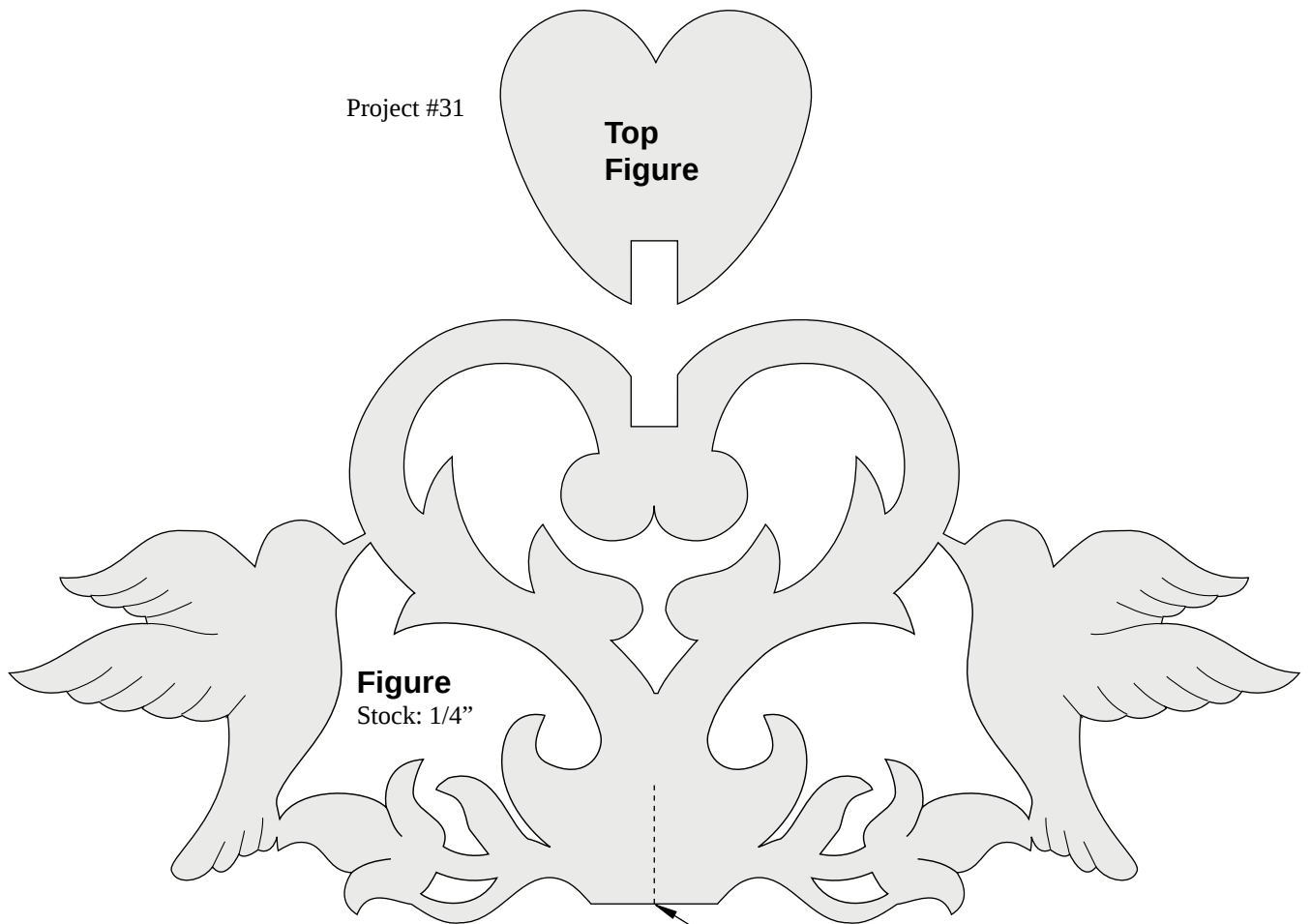


Figure
Stock: 1/4"

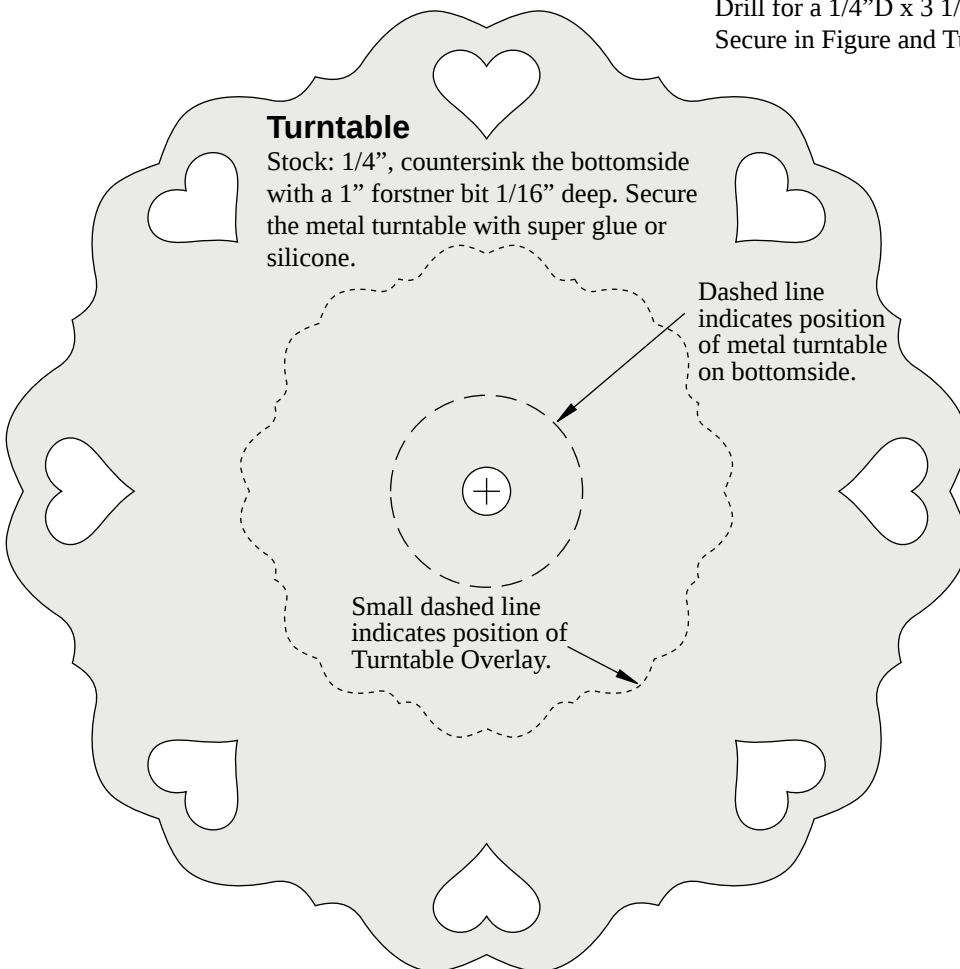
Drill for a 1/4"D x 3 1/2" long dowel.
Secure in Figure and Turntable with glue.

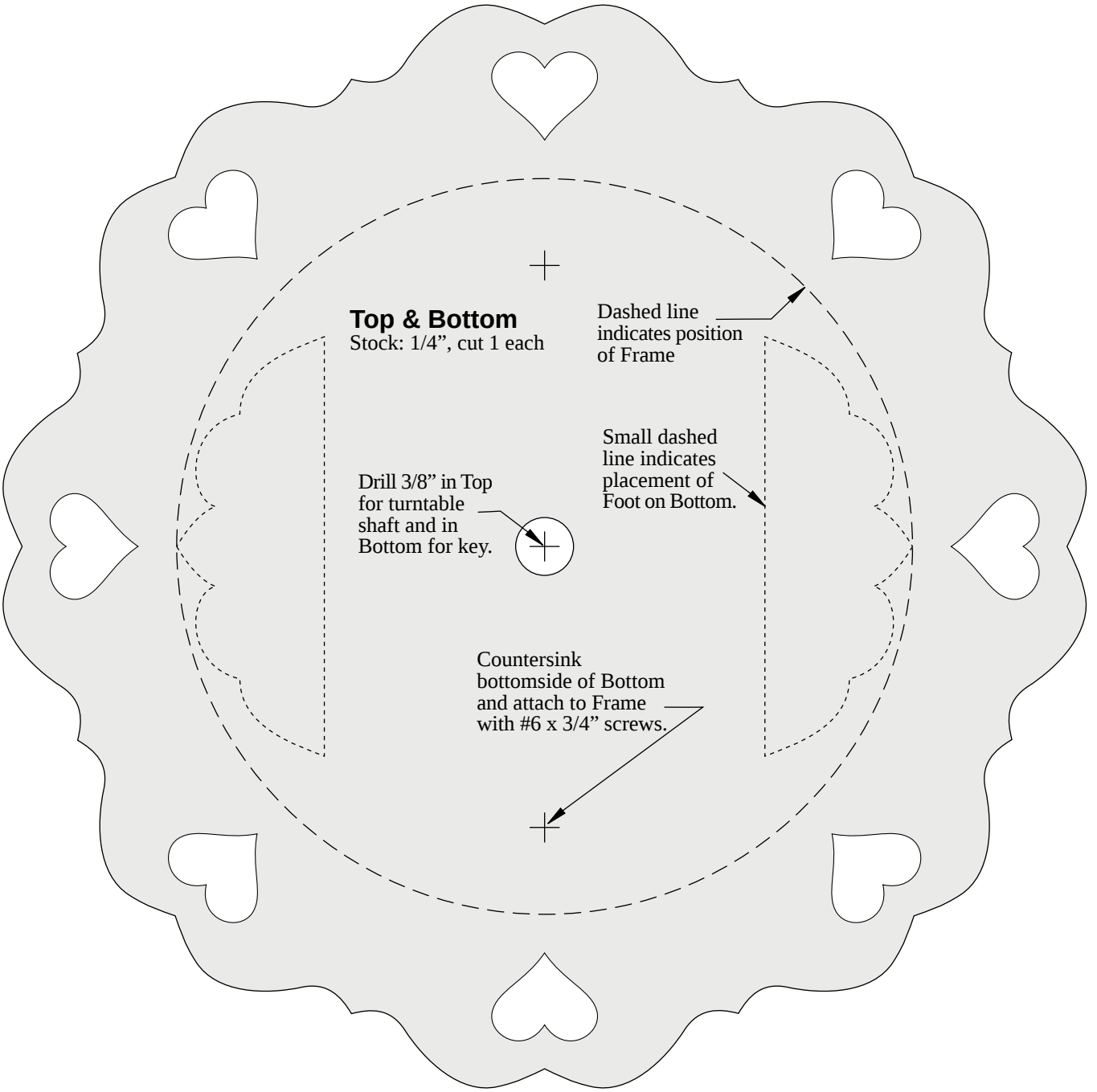
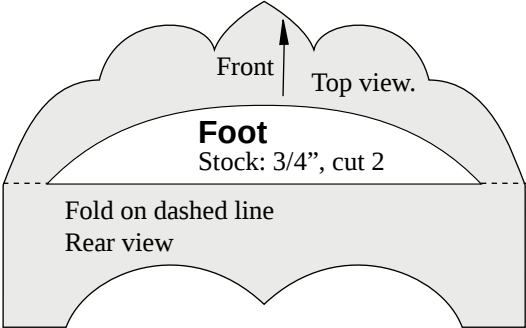
Turntable

Stock: 1/4", countersink the bottomsides with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

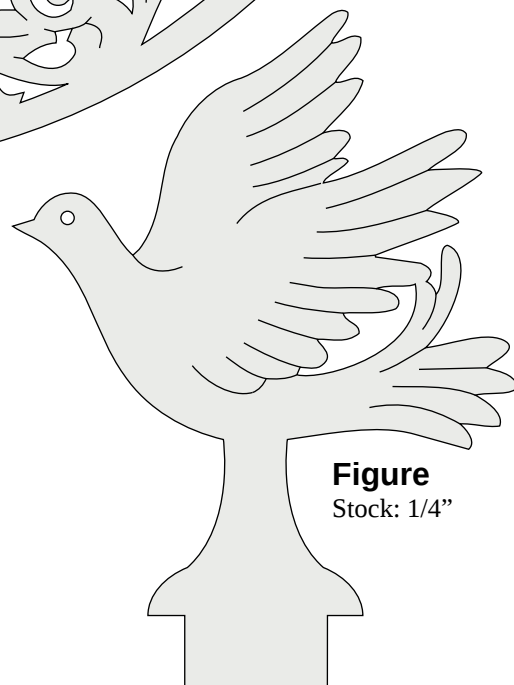
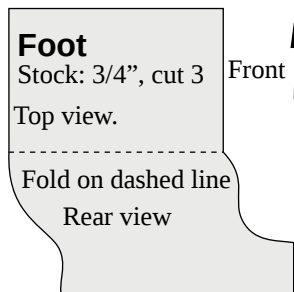
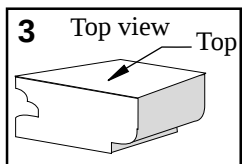
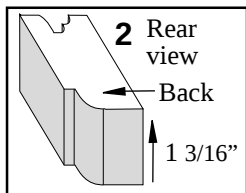
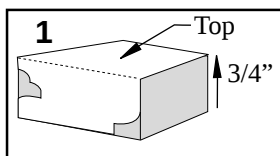
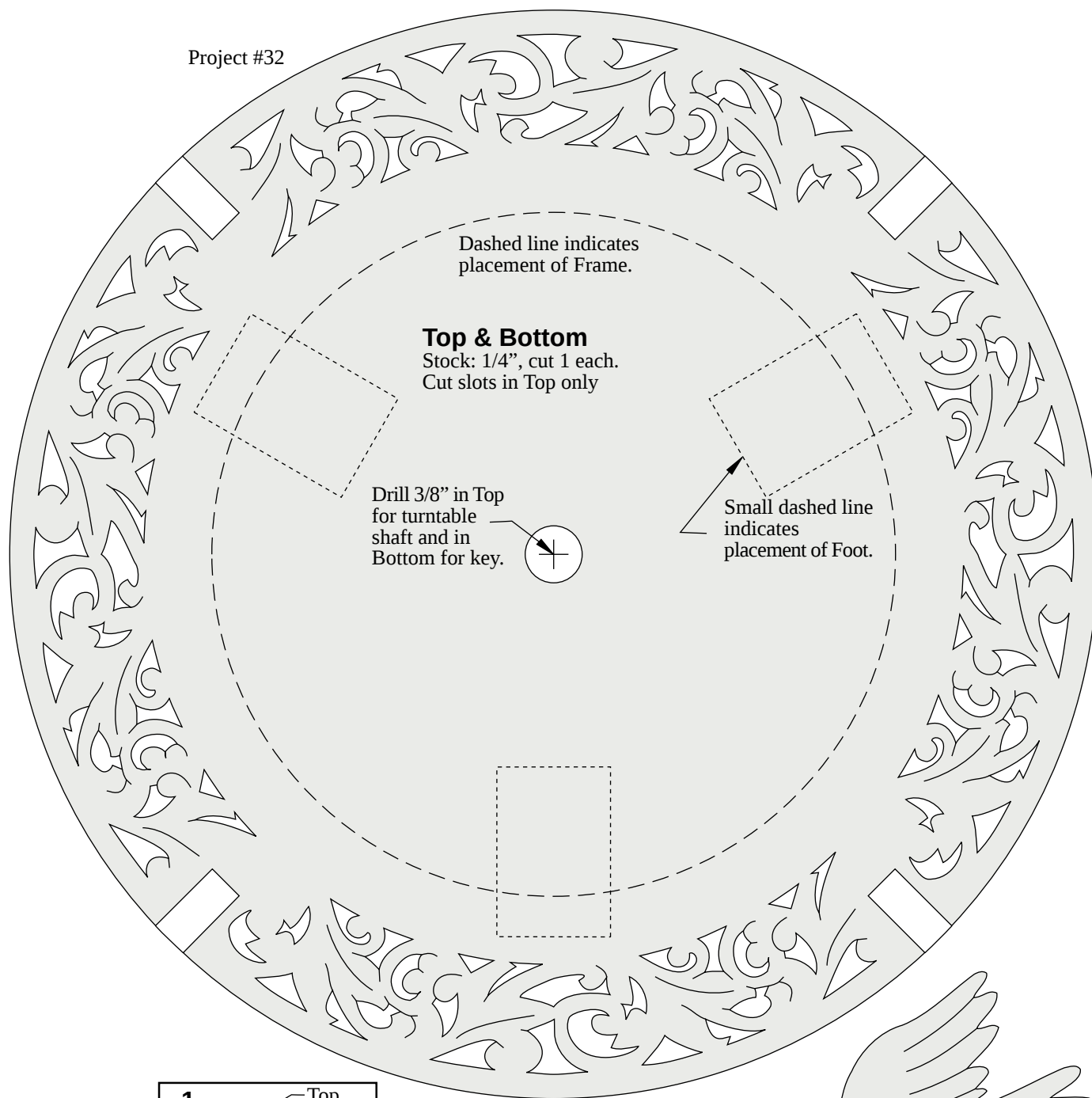
Dashed line indicates position of metal turntable on bottomsides.

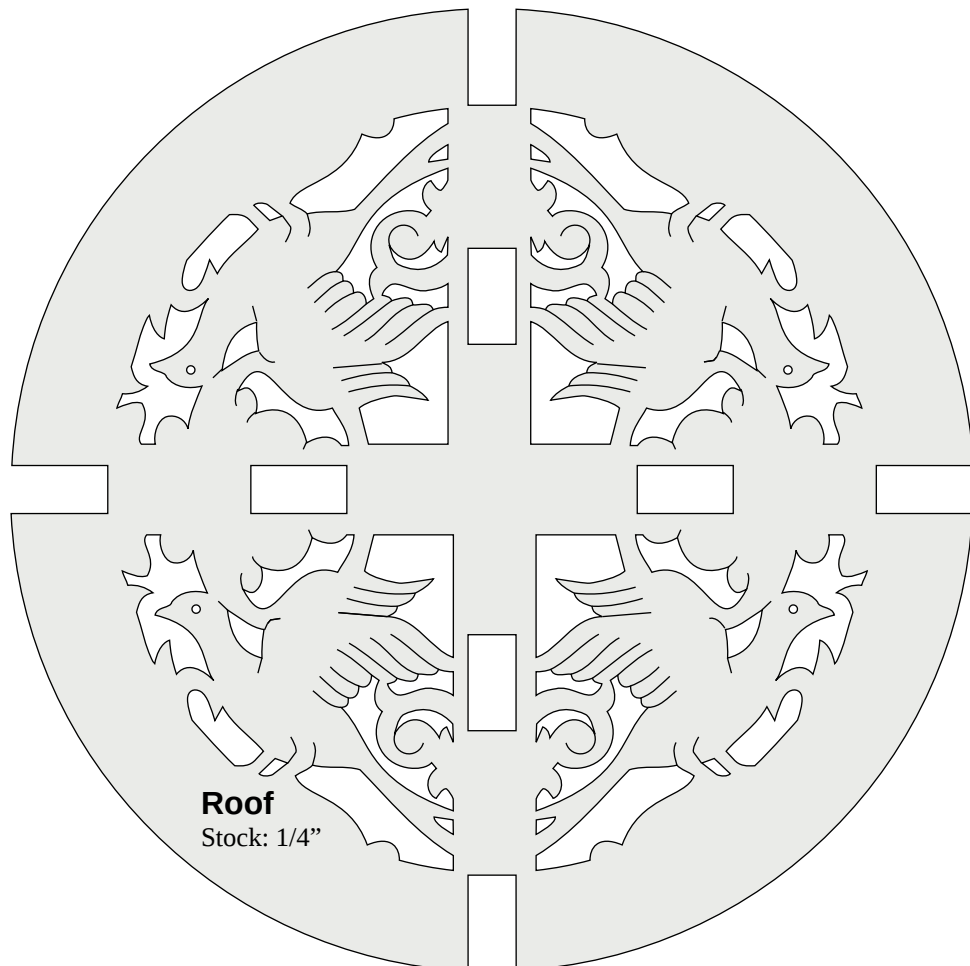
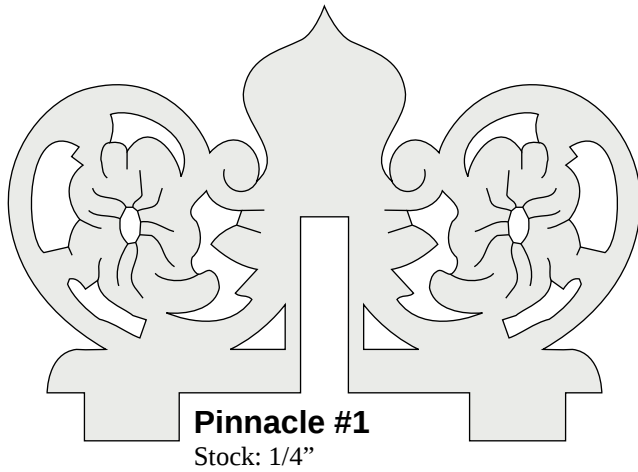
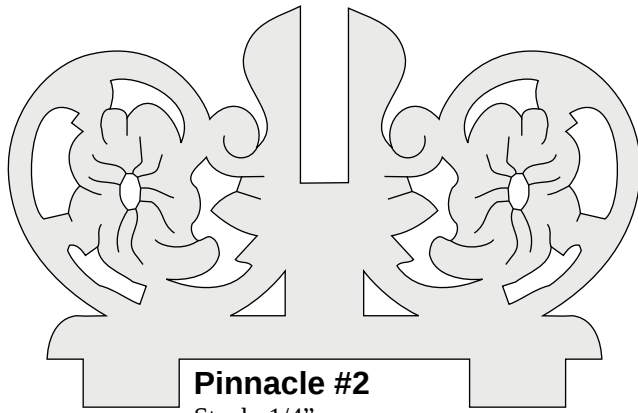
Small dashed line indicates position of Turntable Overlay.



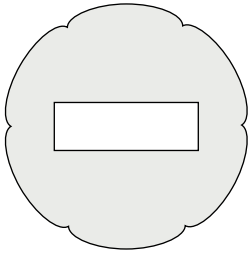


Project #32



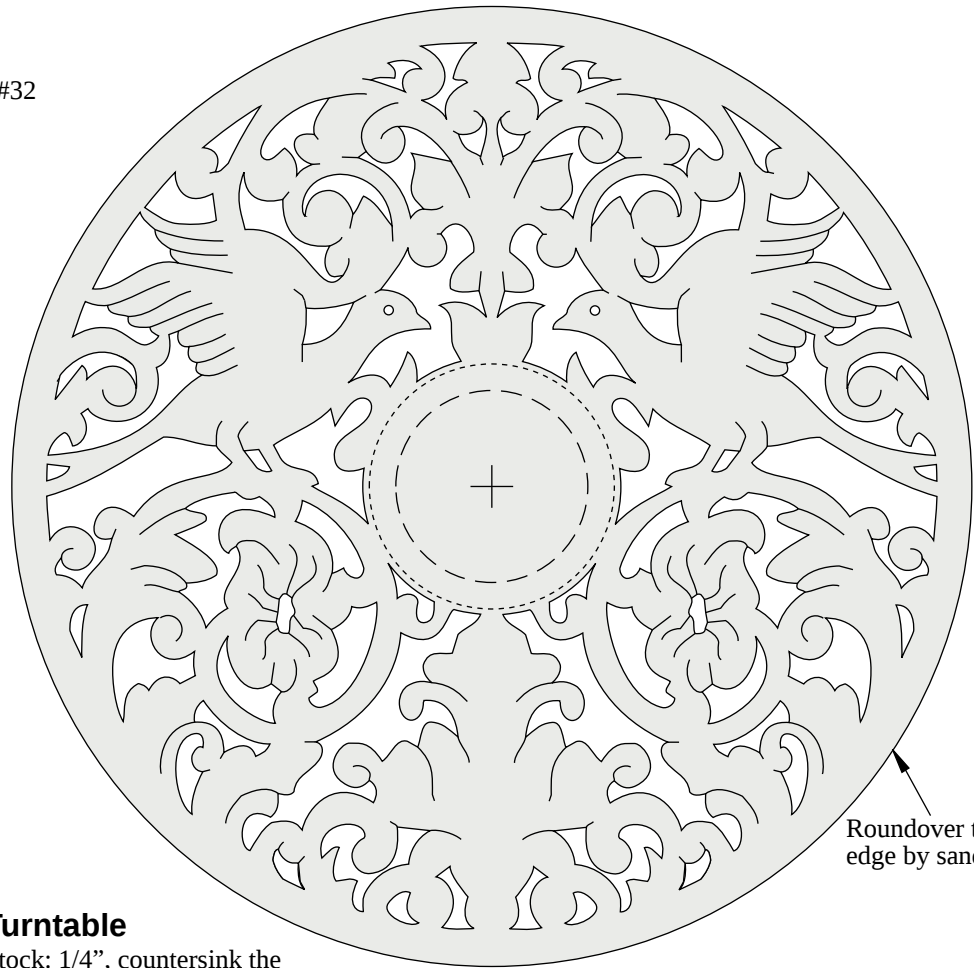


Project #32



Turntable Overlay

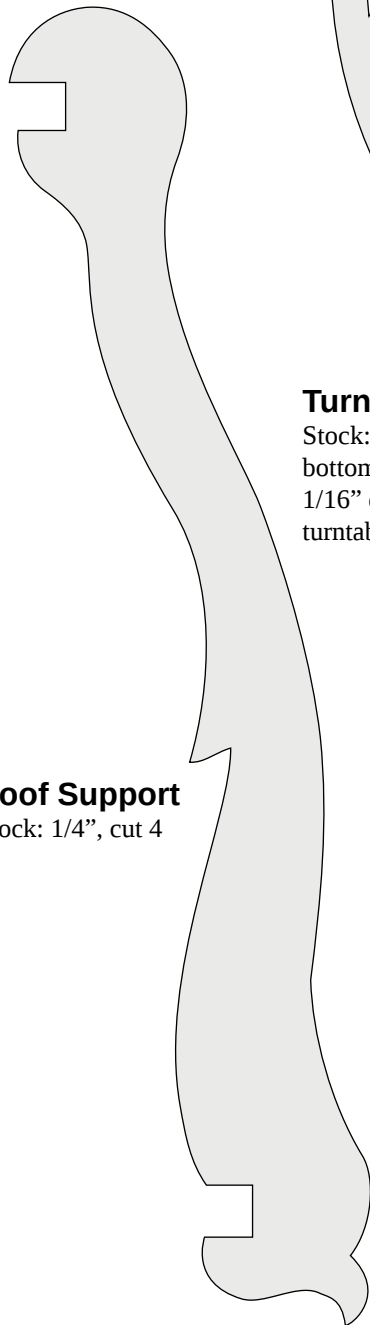
Stock: 3/8"



Turntable

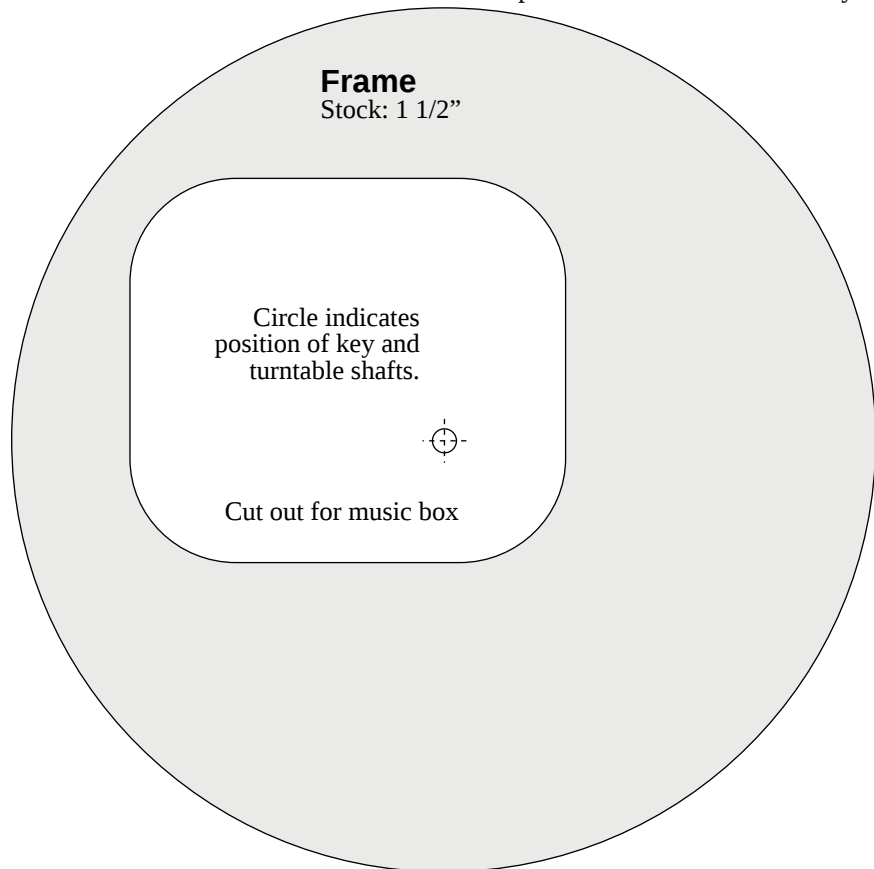
Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside. Small dashed line indicates placement of Turntable Overlay.



Roof Support

Stock: 1/4", cut 4

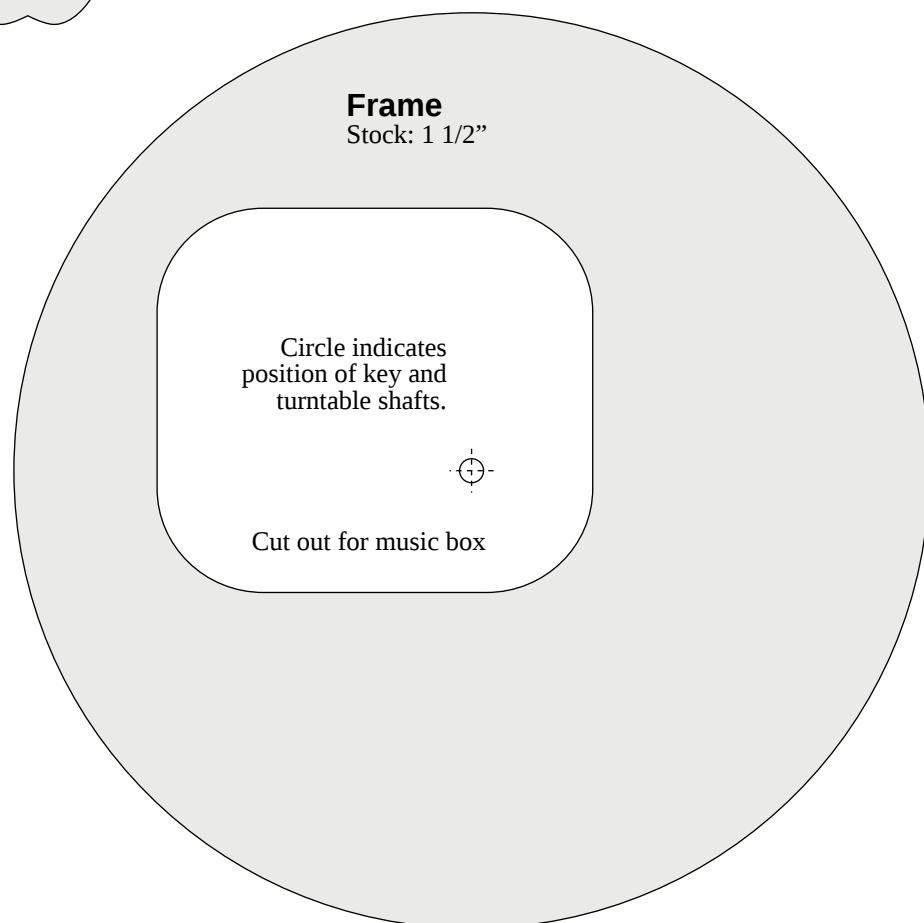
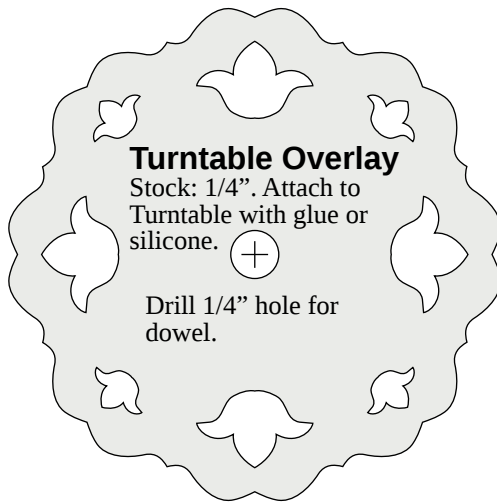
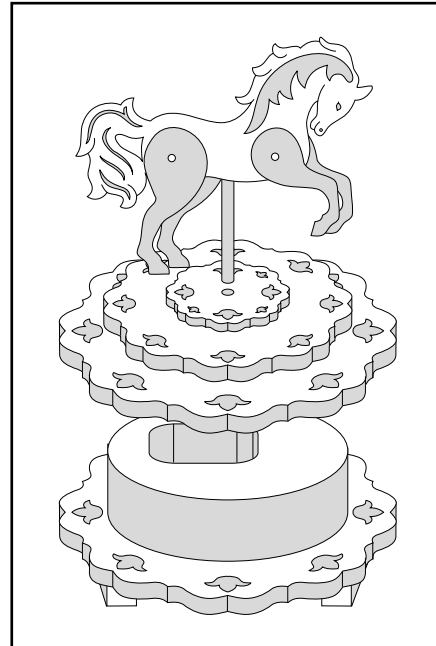


Frame

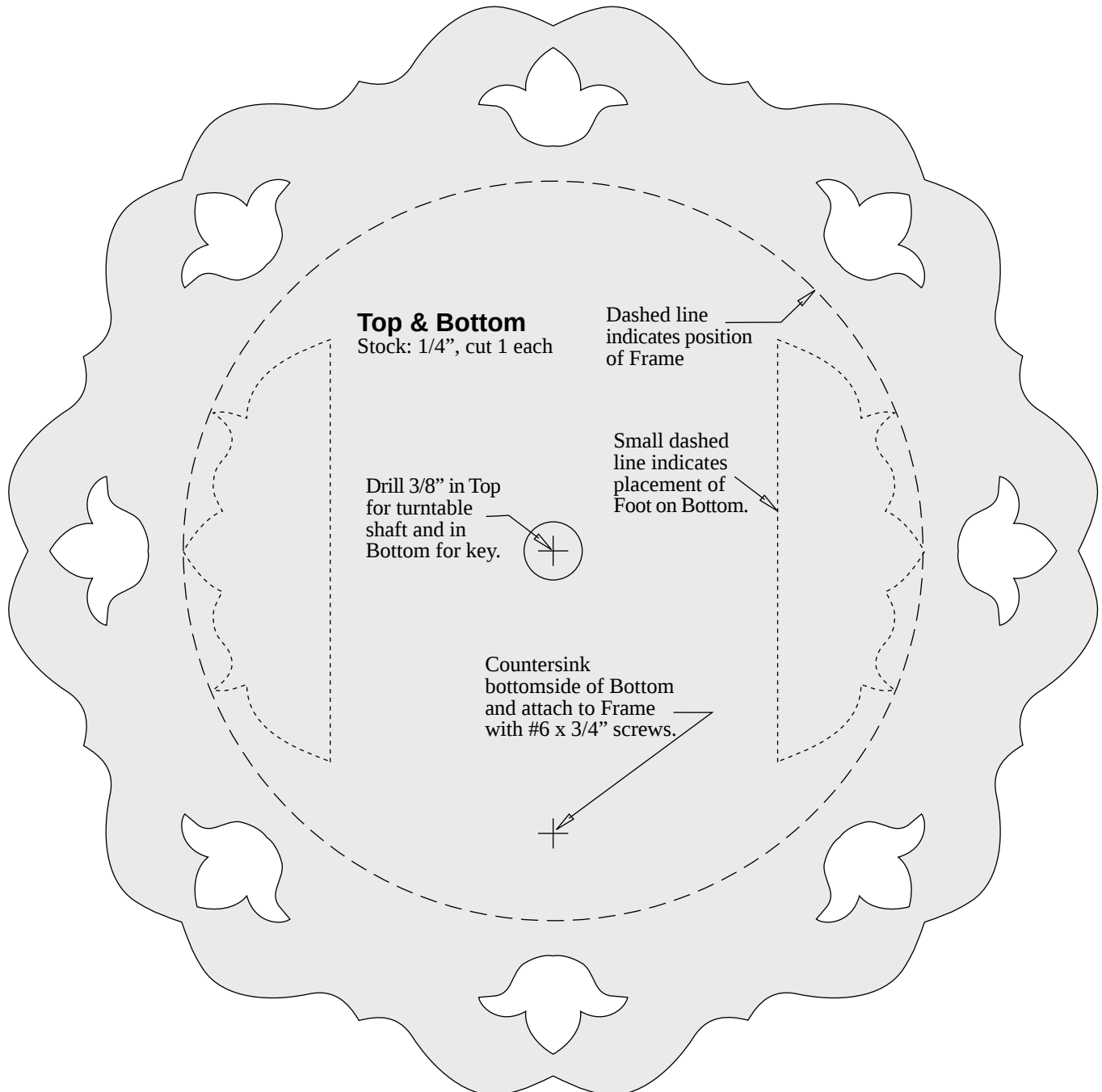
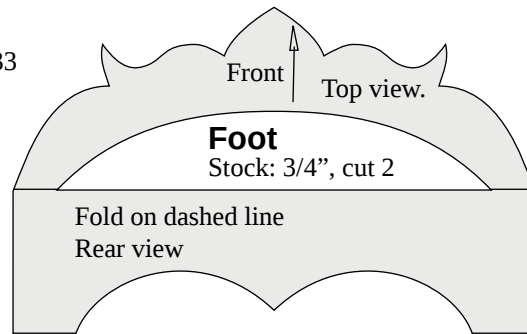
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box



Project #33



Project #33

Body

Stock: 3/8"

Drill for a 1/4"D x 3 1/2" long
dowel. Secure in Body and Turntable
with glue.

Front Leg

Stock: 1/8" - 1/4", cut 2

Turntable

Stock: 1/4", countersink the bottomside
with a 1" forstner bit 1/16" deep. Secure
the metal turntable with super glue or
silicone.

Dashed line
indicates position
of metal turntable
on bottomside.

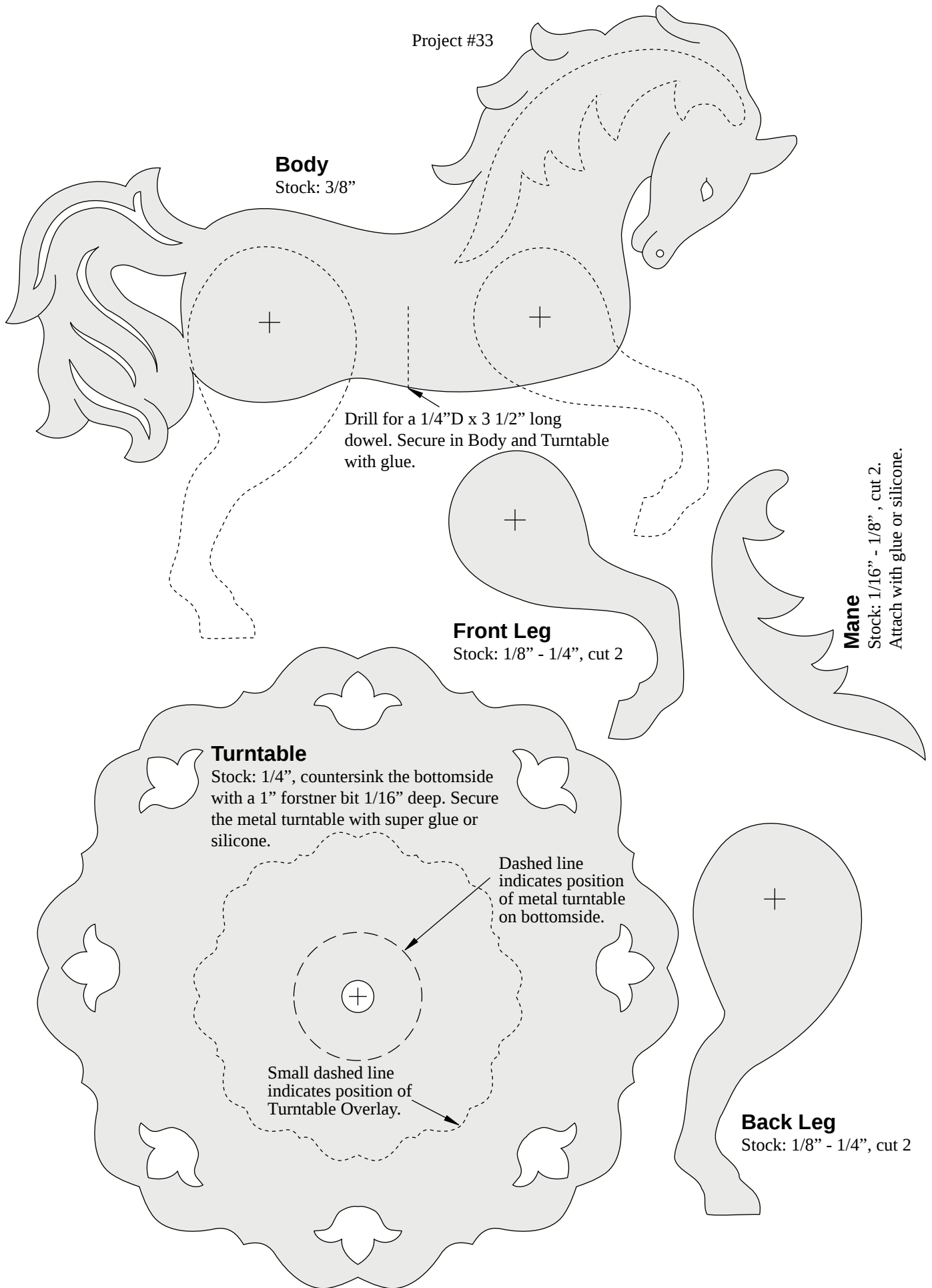
Small dashed line
indicates position of
Turntable Overlay.

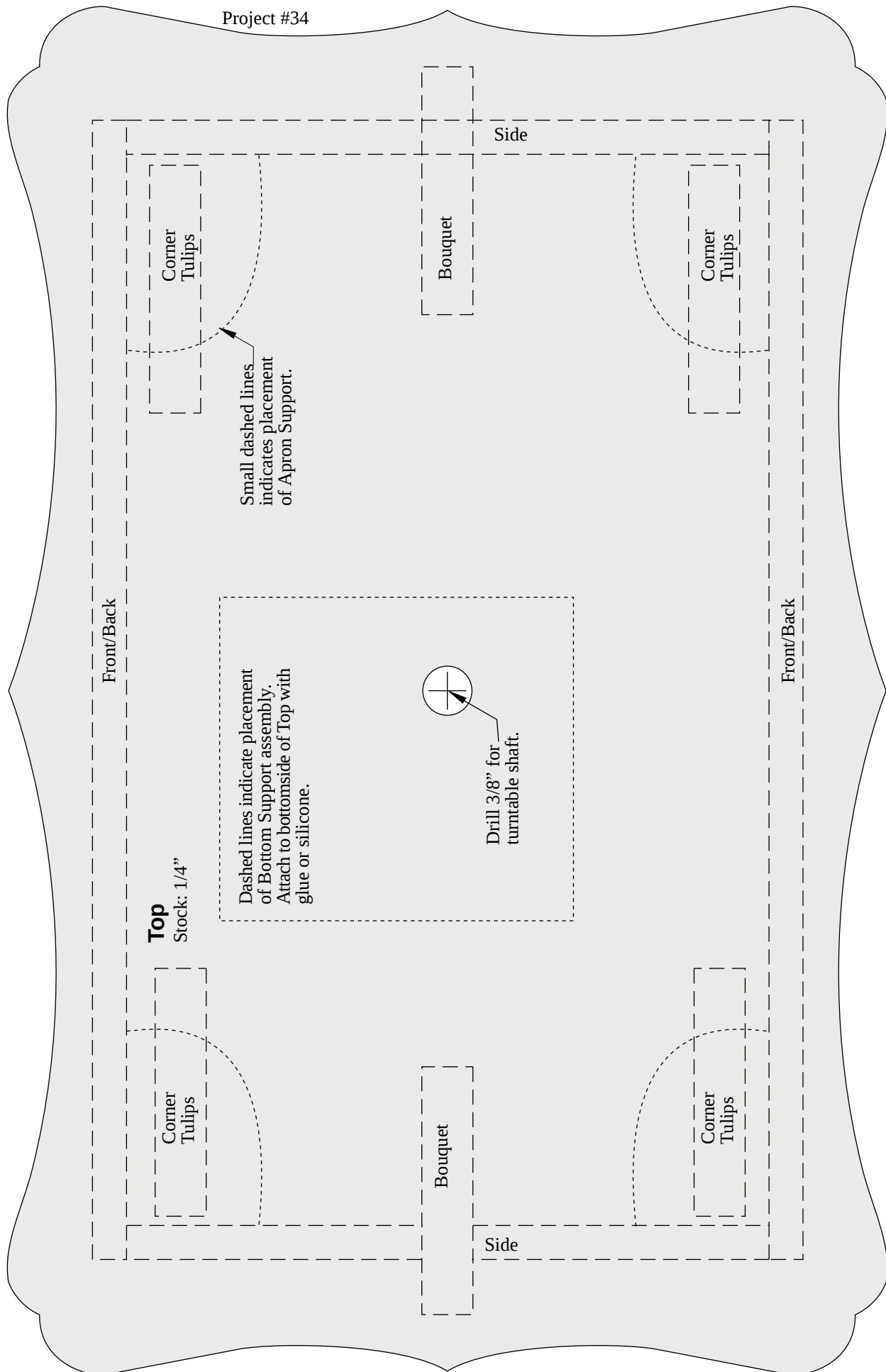
Mane

Stock: 1/16" - 1/8", cut 2.
Attach with glue or silicone.

Back Leg

Stock: 1/8" - 1/4", cut 2

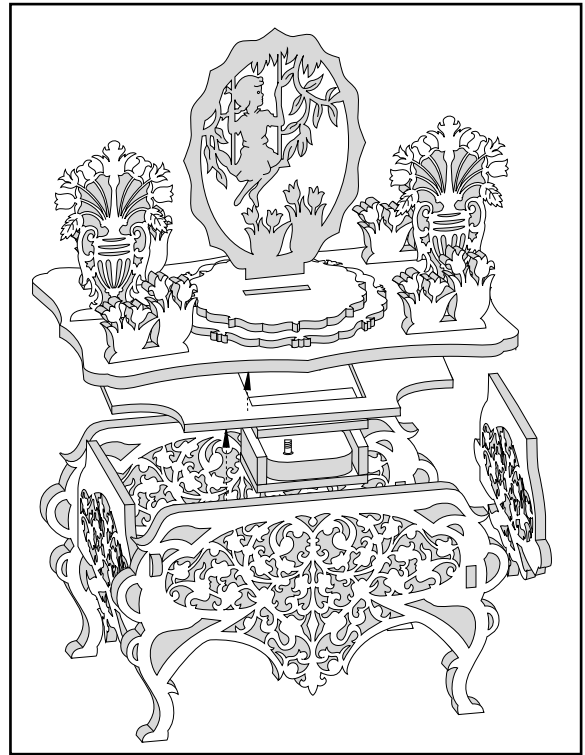




Turntable Overlay

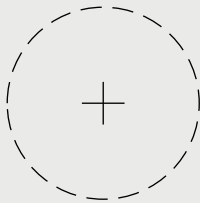
Stock: 1/4", Secure to the Turntable with glue or silicone.

Adjust slot if necessary for thickness of material used.



Turntable

Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

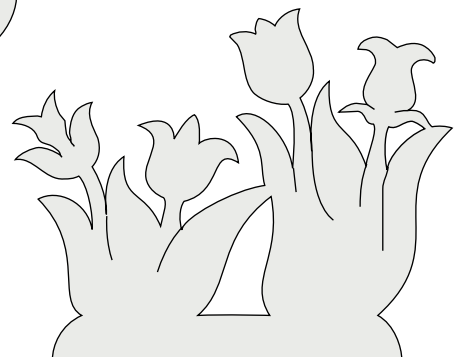


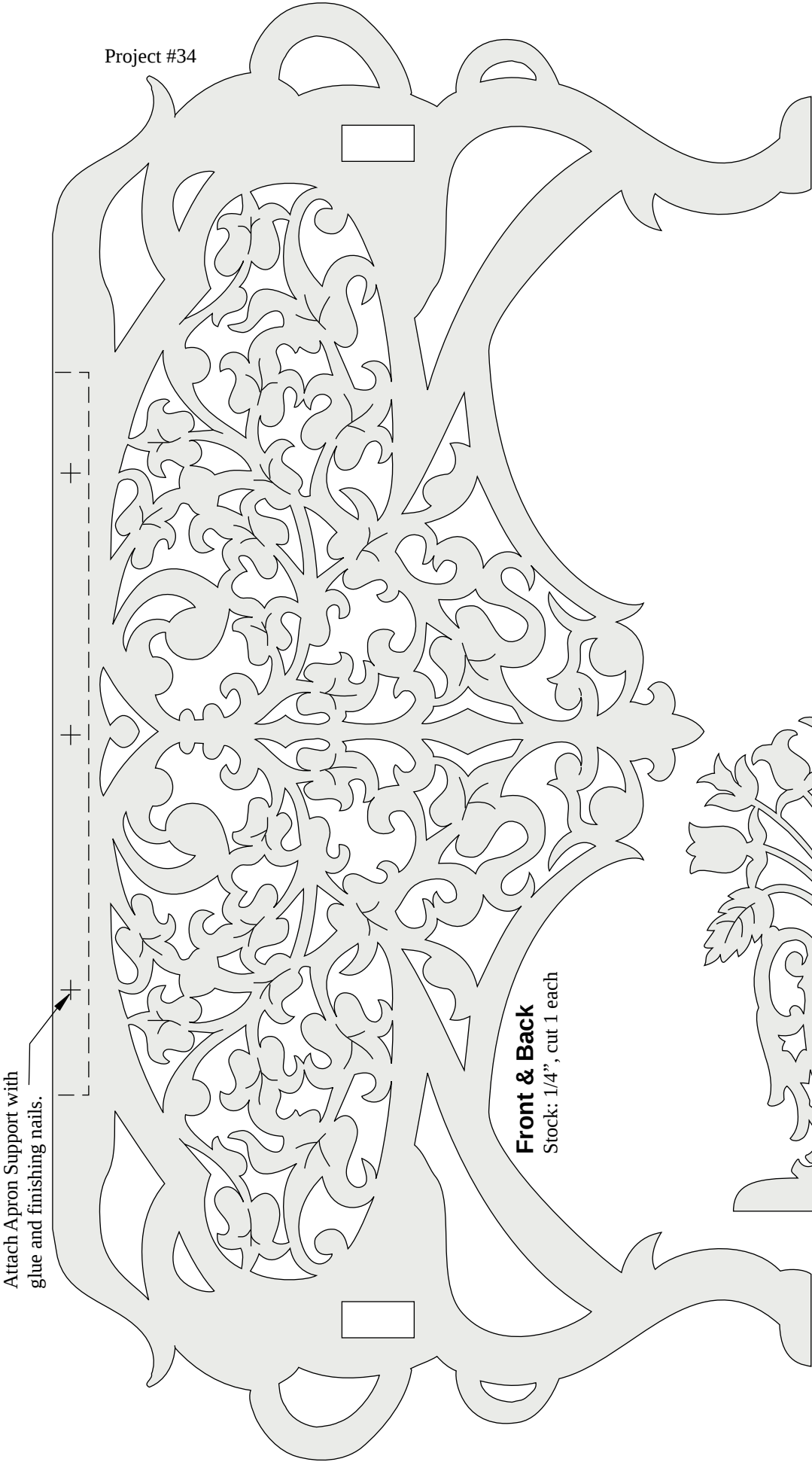
Dashed line indicates placement of Turntable Overlay.

Corner Tulips

Stock: 3/8", Cut 4.

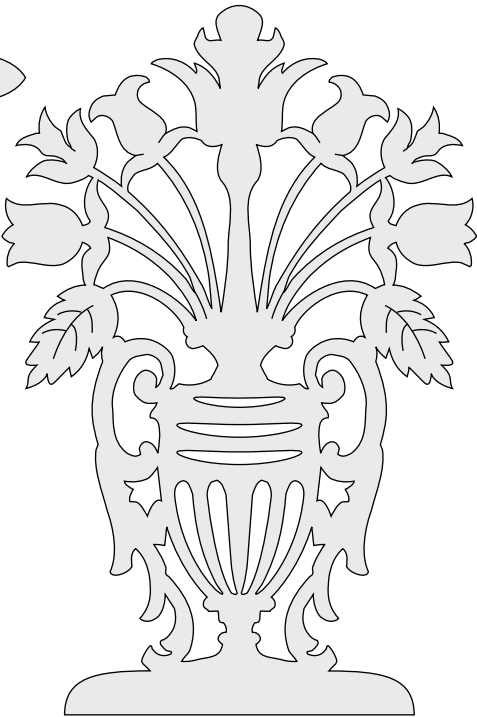
Secure to Top with glue or silicone.



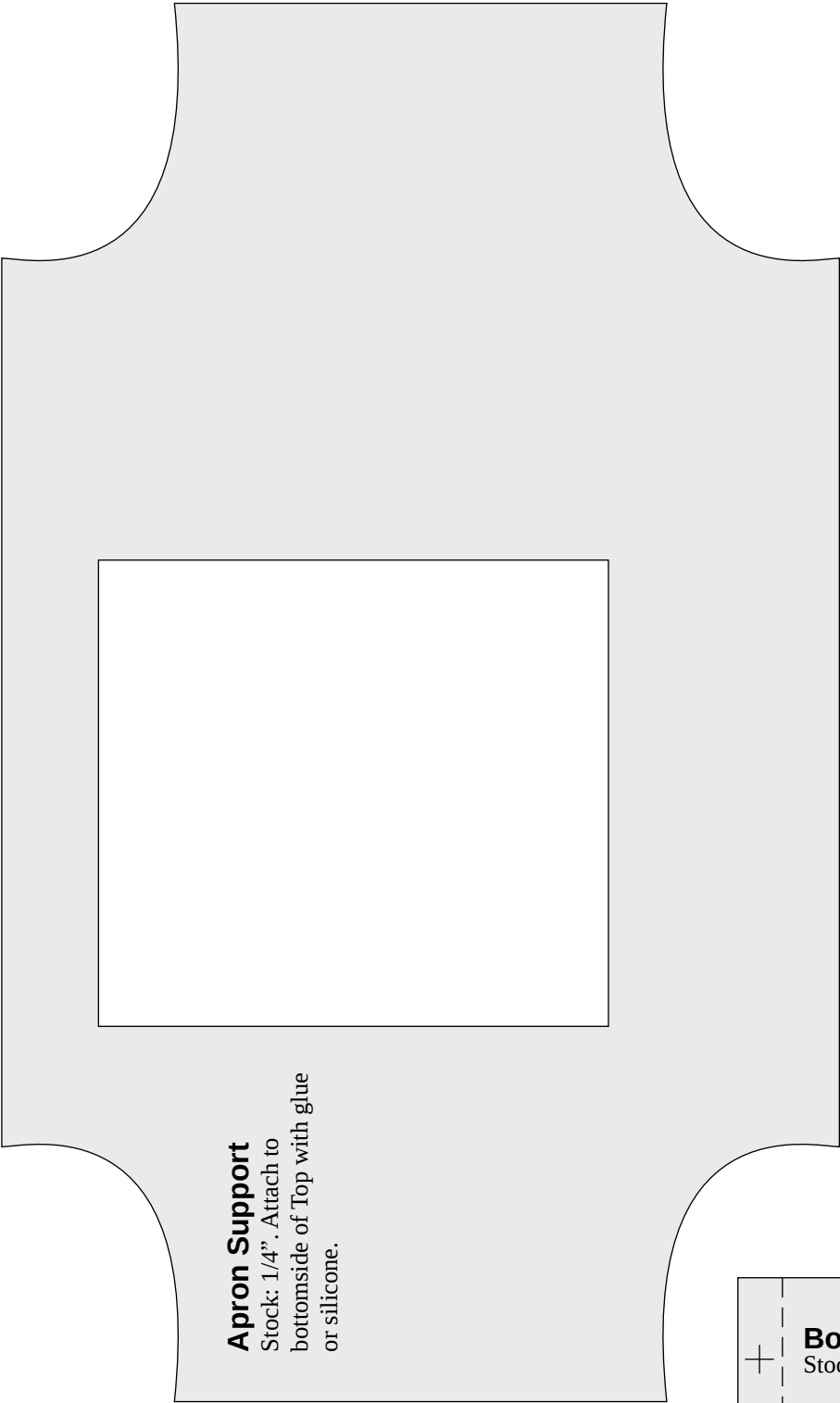


Attach Apron Support with
glue and finishing nails.

Front & Back
Stock: 1/4", cut 1 each

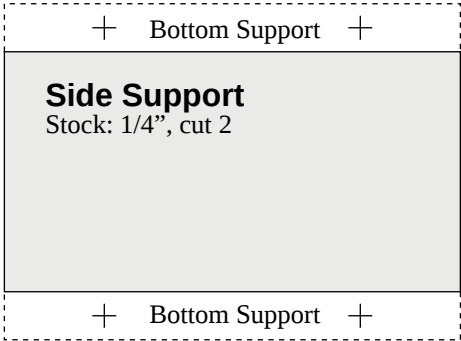


Bouquet
Stock: 3/8", cut 2



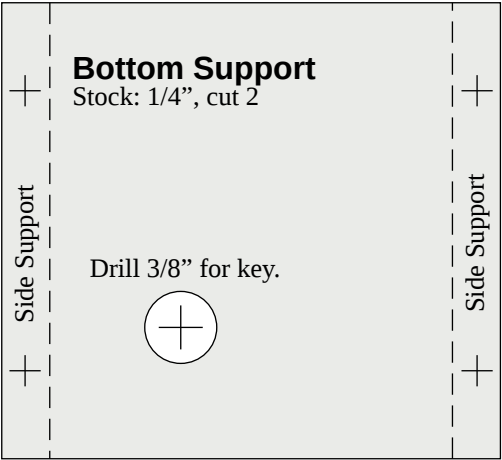
Apron Support

Stock: 1/4". Attach to bottomside of Top with glue or silicone.



Side Support

Stock: 1/4", cut 2



Bottom Support

Stock: 1/4", cut 2

Drill 3/8" for key.

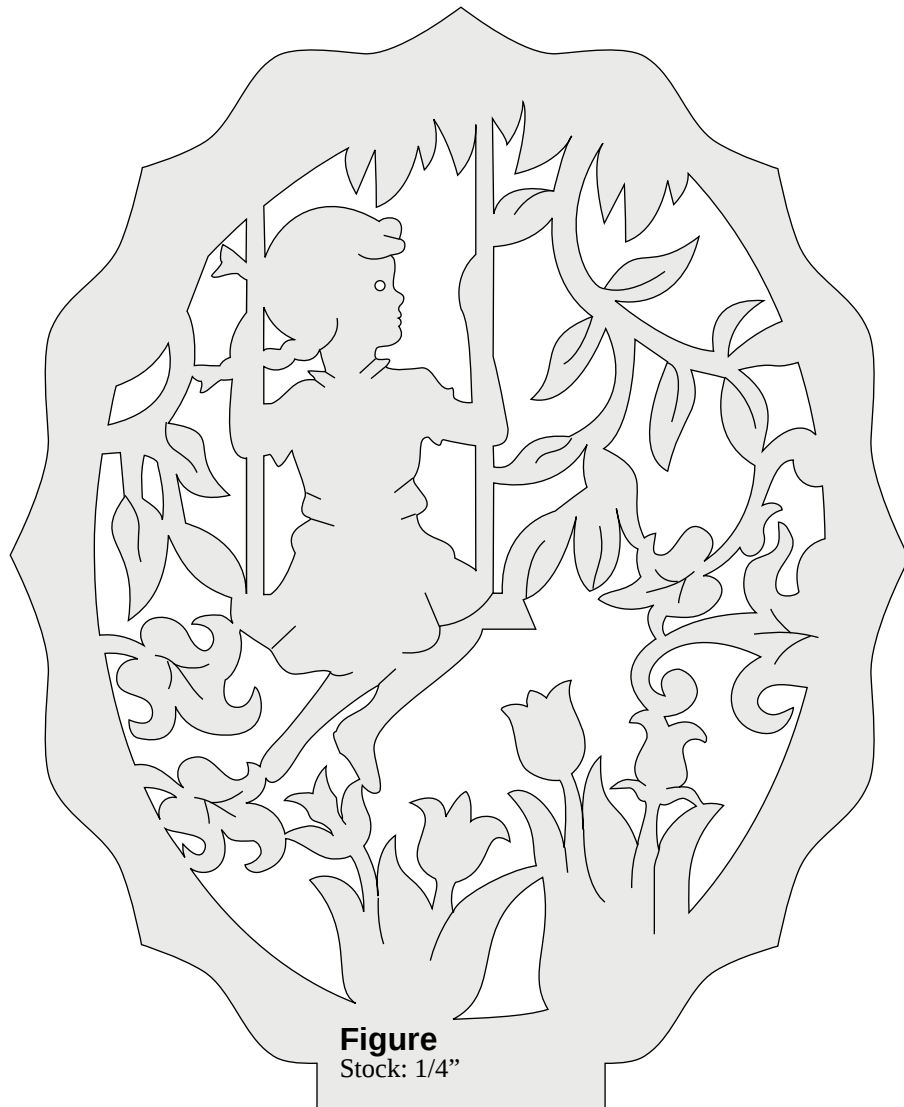
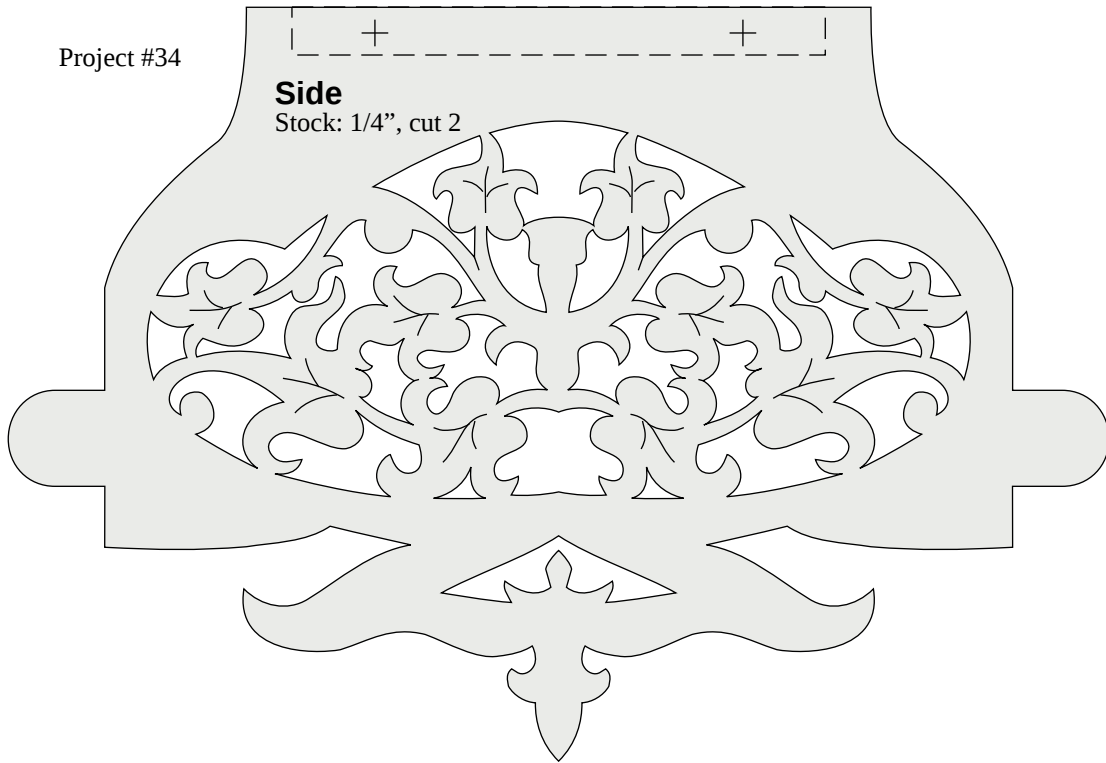
Assembly Instructions

Assemble by first attaching the Sides to the Front and Back. Next attach the Apron Support. Now attach the Bottom Supports to the Side Supports. Insert the music box movement and secure in place with silicone. Attach the Leg assembly to the bottom of the Top and secure with glue or silicone. Insert the music box movement assembly into position on the underside of the Top and glue in place. Secure the Turntable Overlay to the Turntable and secure the figures into place. Then attach the wood Turntable to the metal turntable.

Project #34

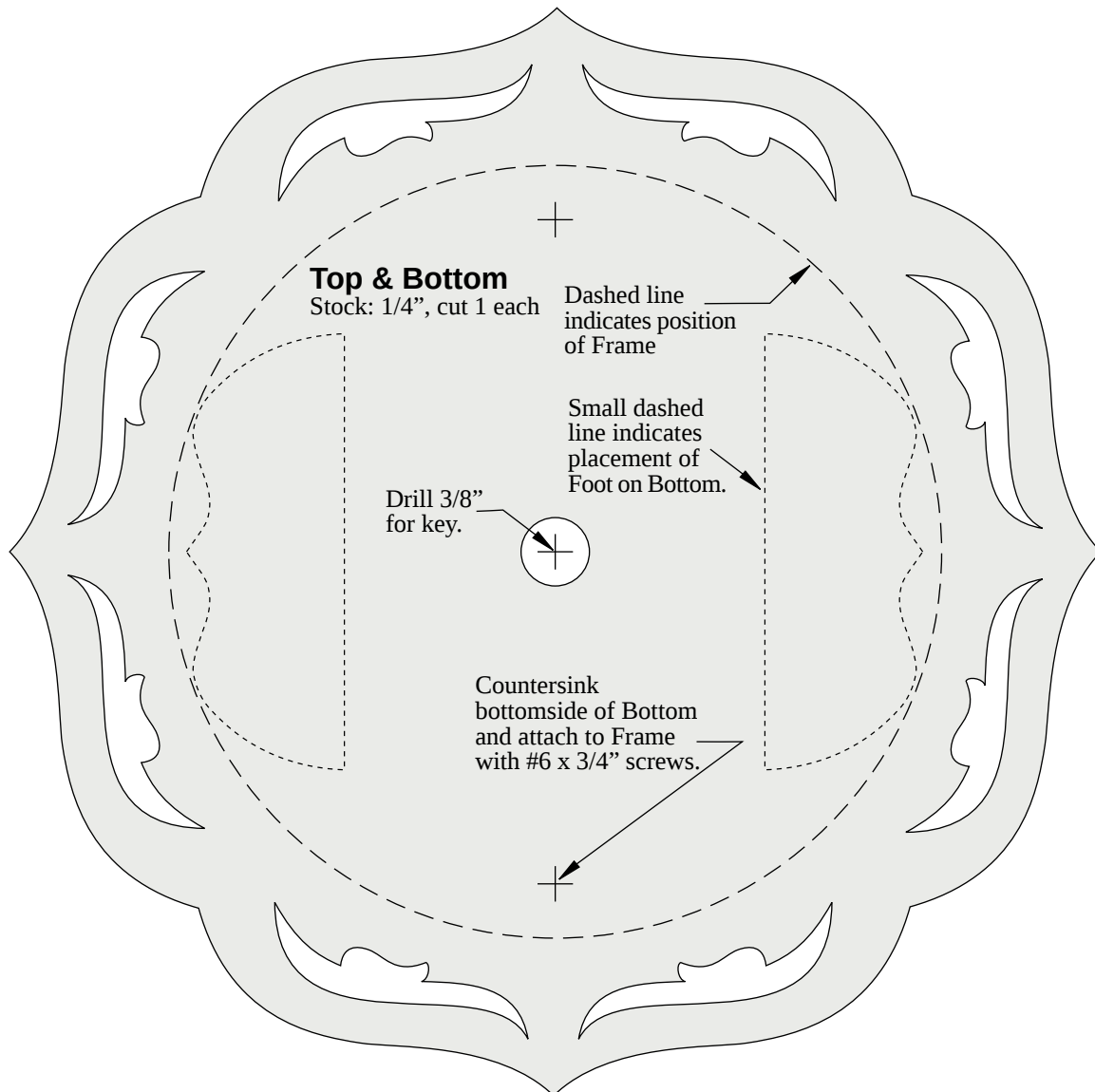
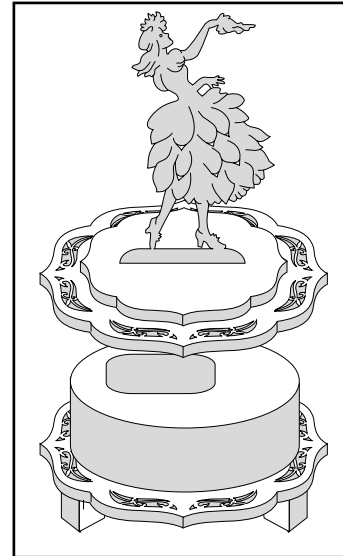
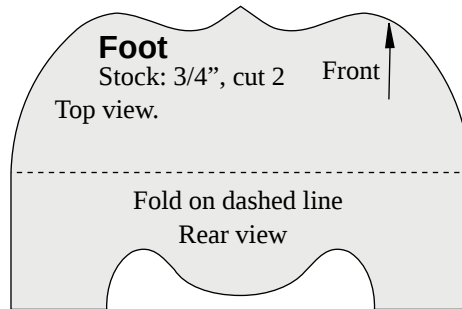
Side

Stock: 1/4", cut 2



Figure

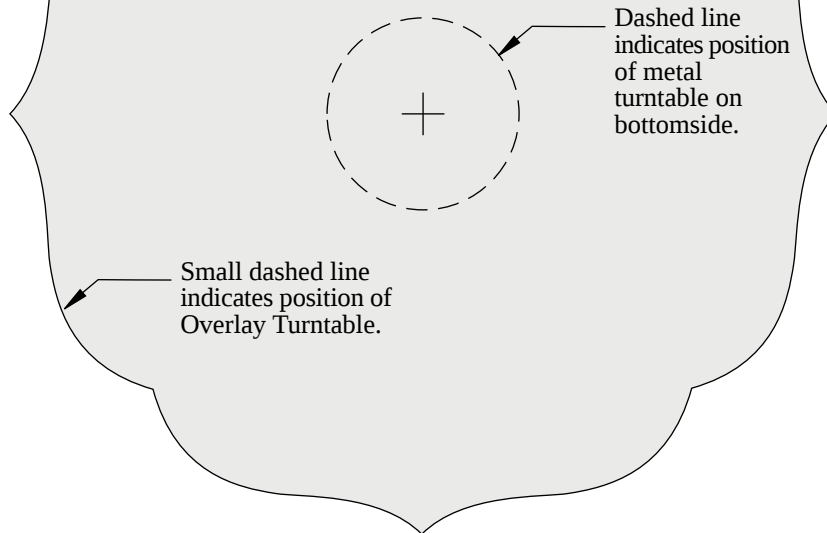
Stock: 1/4"



Project #35-58

Turntable

Stock: 1/4". Countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.



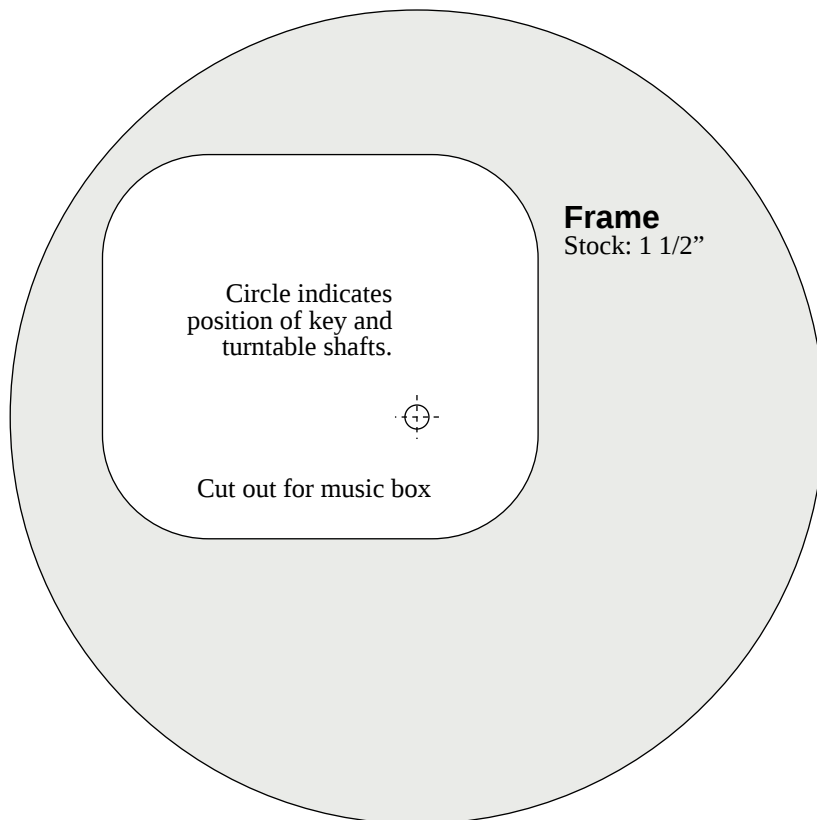
Frame

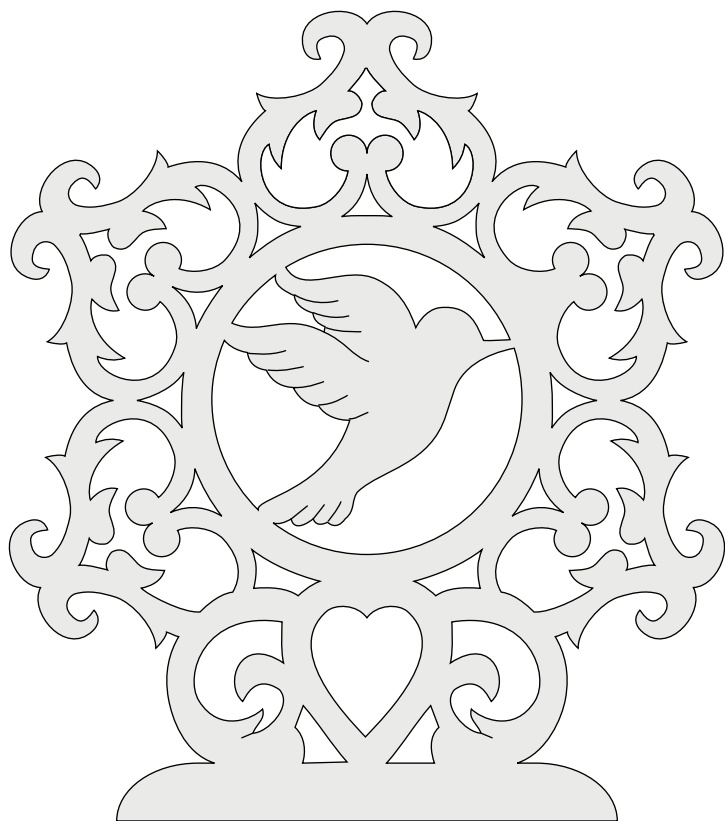
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

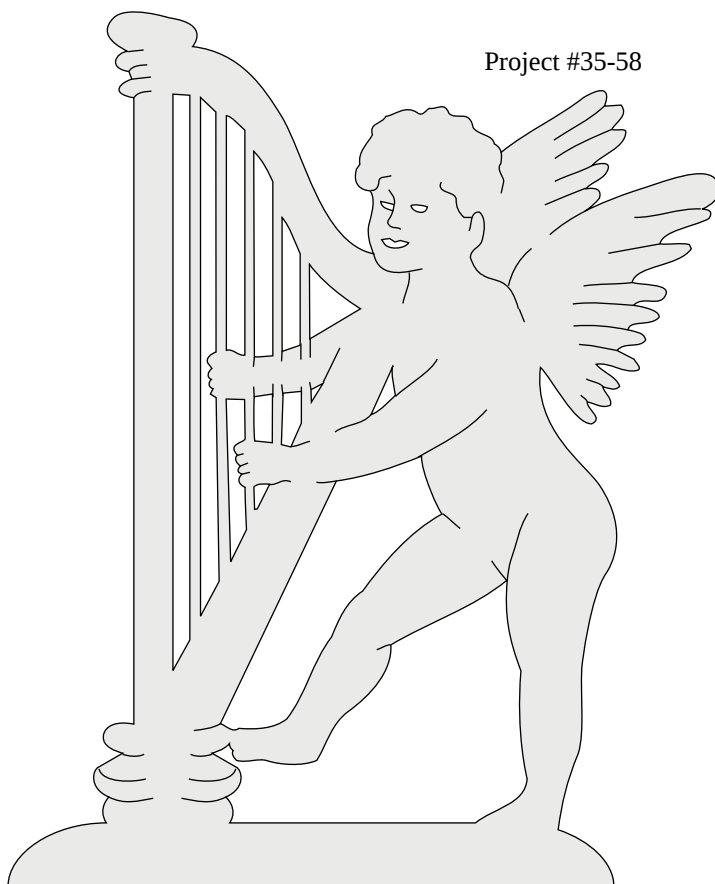


Cut out for music box

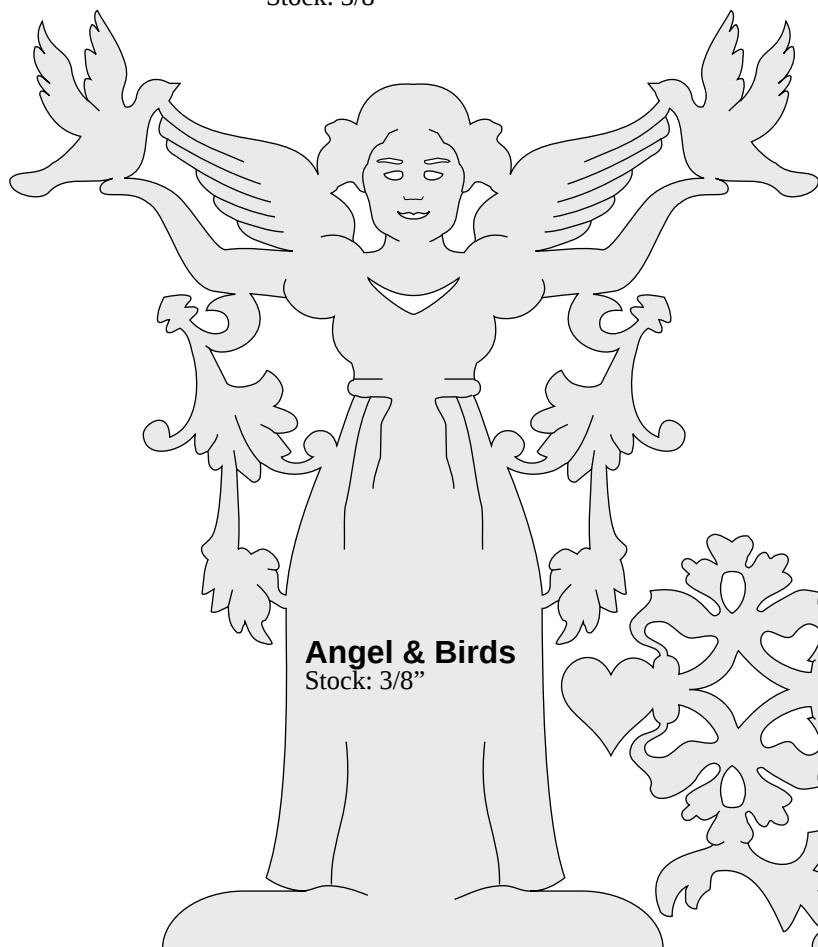




Bird & Hearts
Stock: 3/8"



Cupid & Harp
Stock: 3/8"

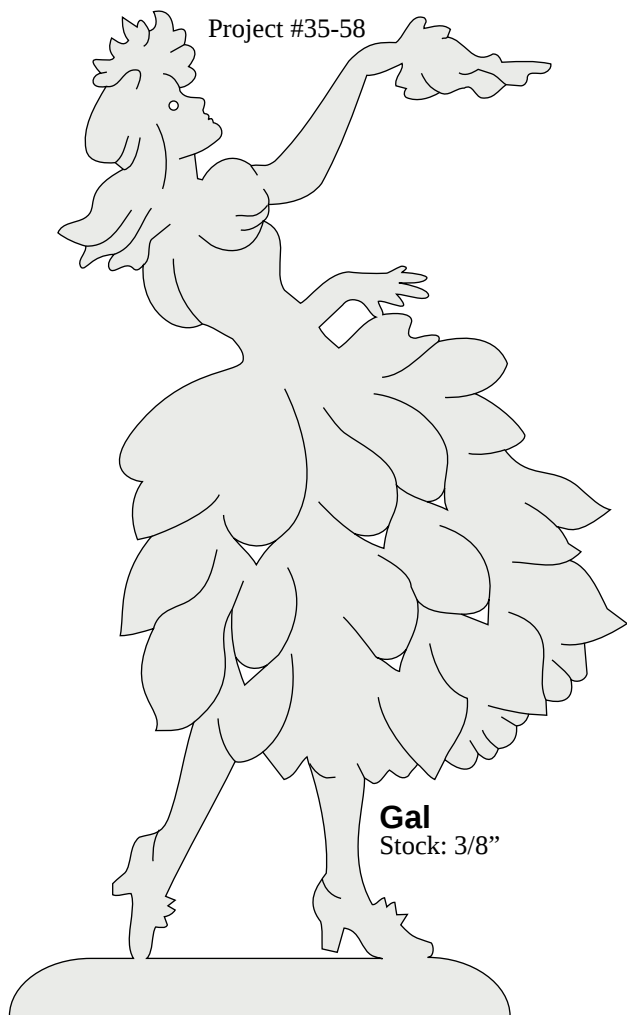


Angel & Birds
Stock: 3/8"



Victorian Heart
Stock: 3/8"

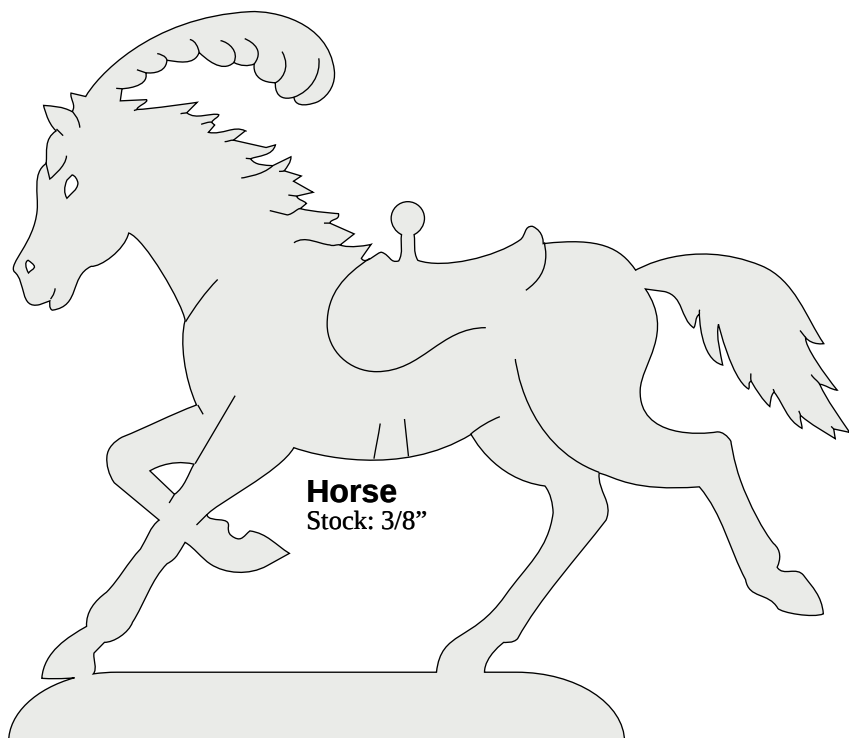
Project #35-58



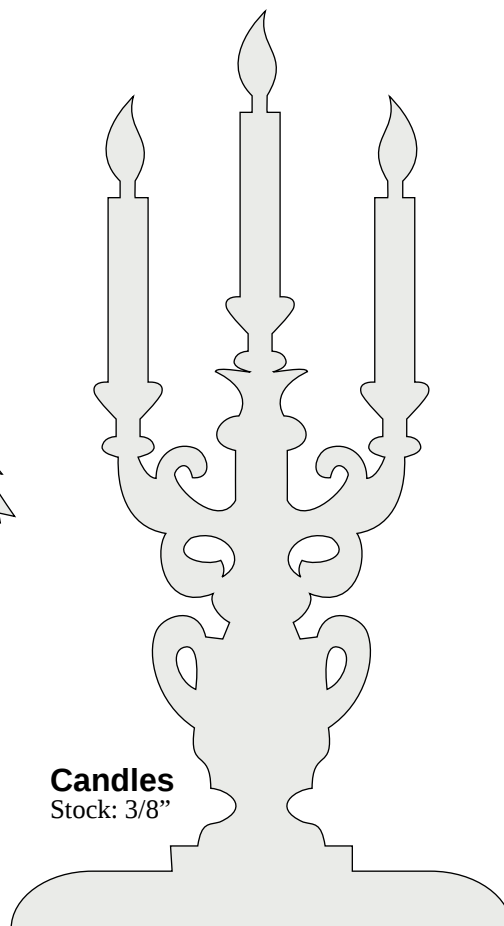
Gal
Stock: 3/8"



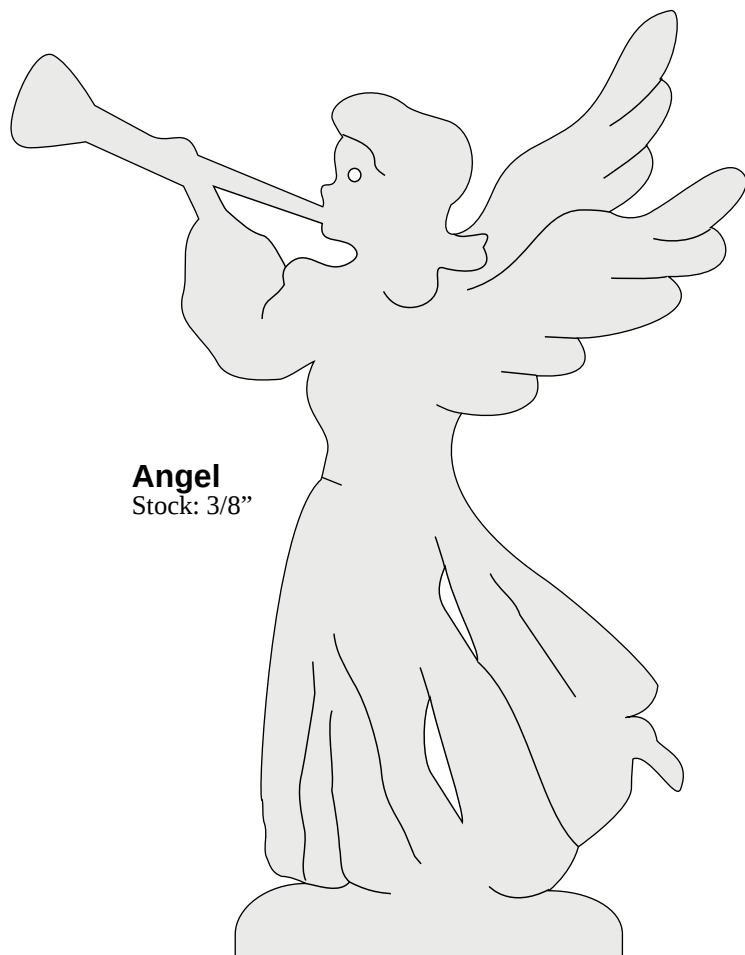
Roses
Stock: 3/8"



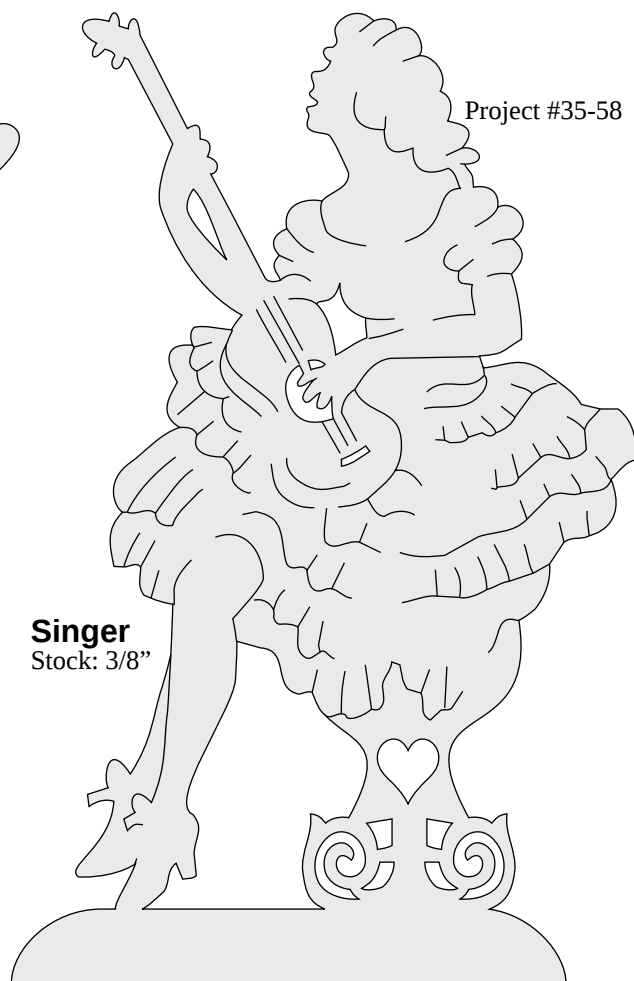
Horse
Stock: 3/8"



Candles
Stock: 3/8"



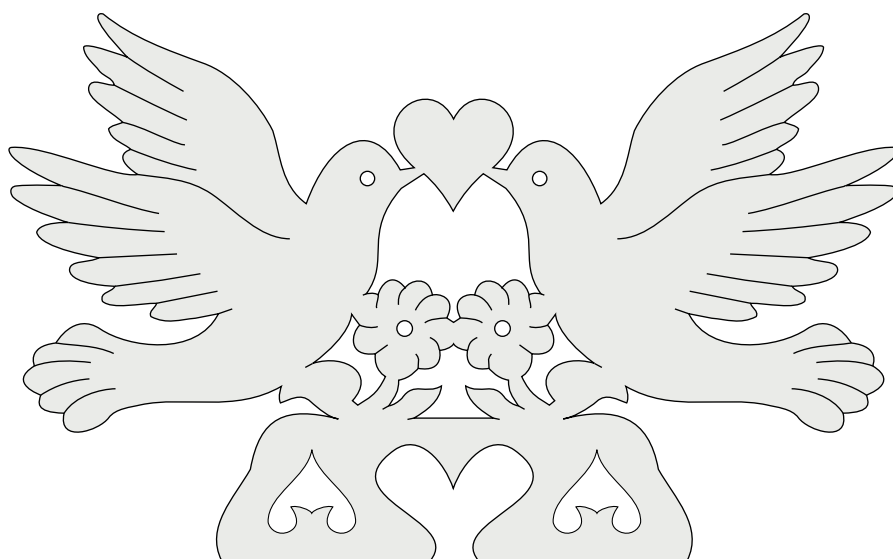
Angel
Stock: 3/8"



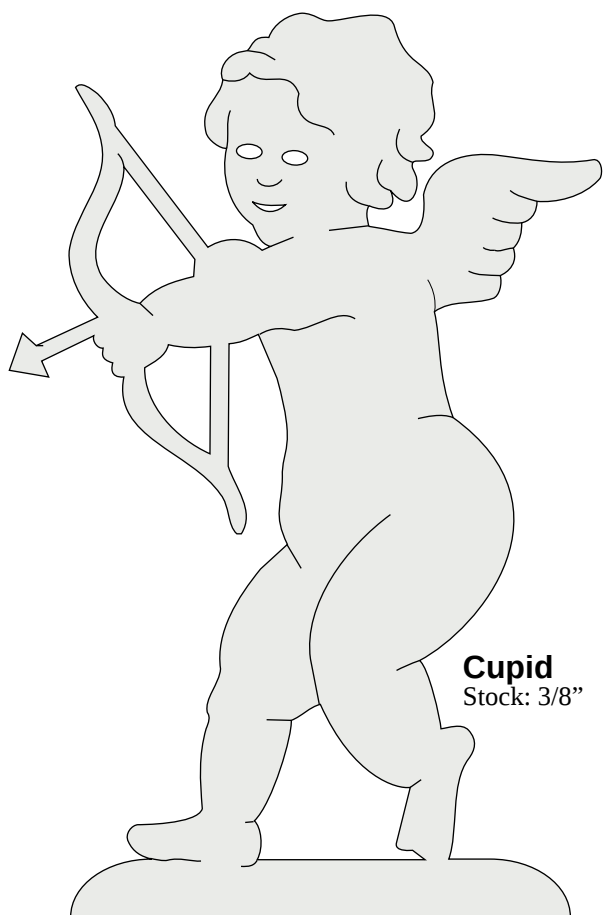
Singer
Stock: 3/8"



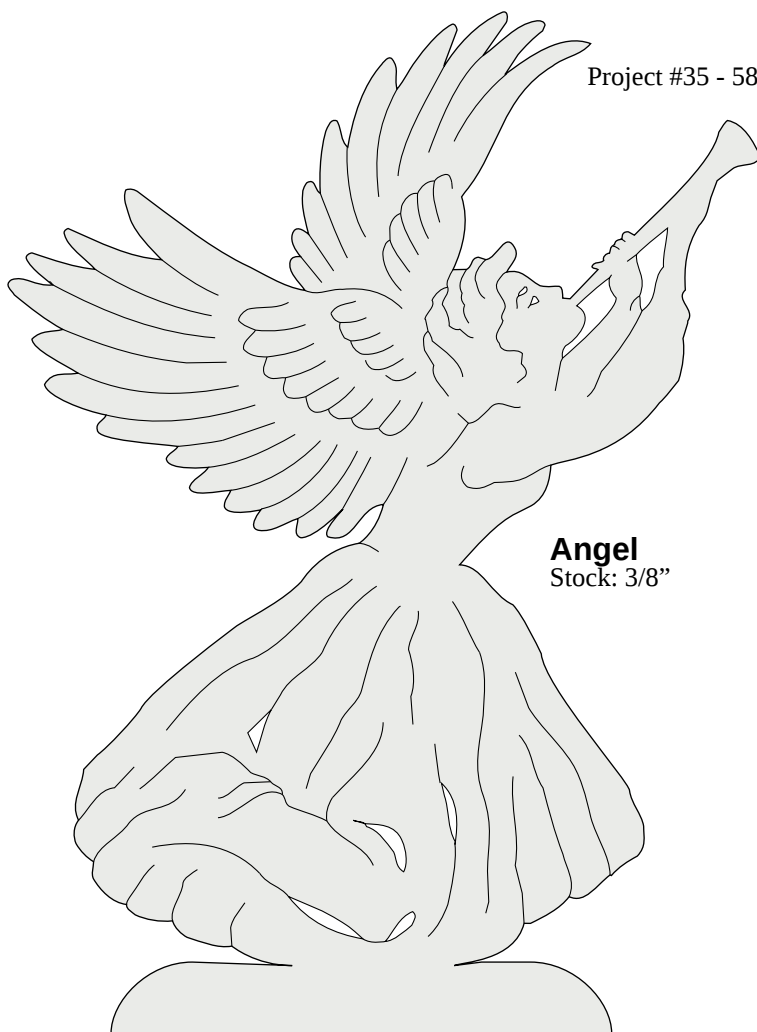
Flowers
Stock: 3/8"



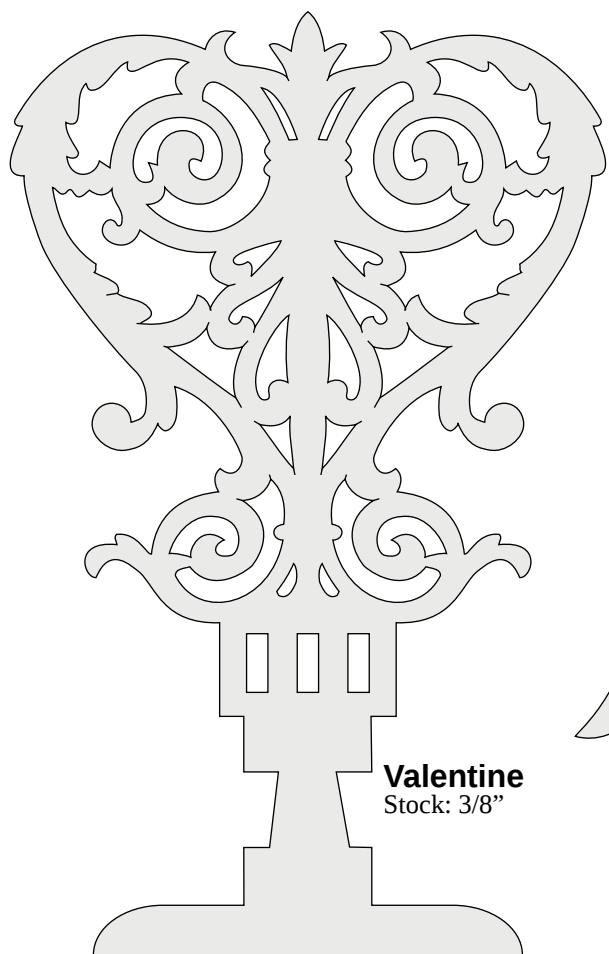
Love Birds
Stock: 3/8"



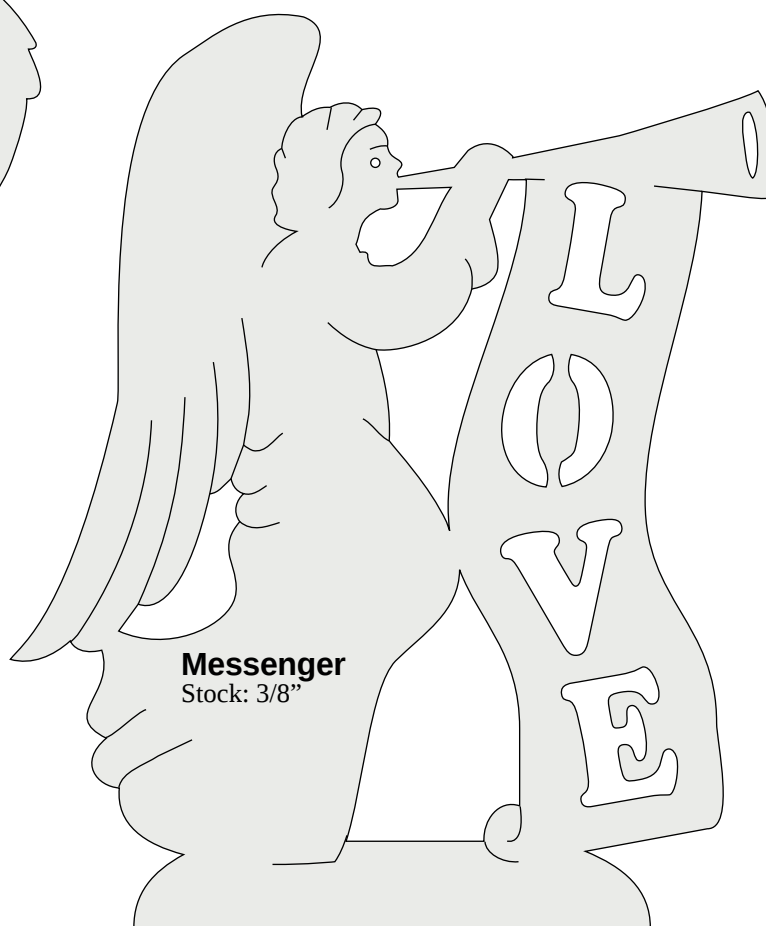
Cupid
Stock: 3/8"



Angel
Stock: 3/8"

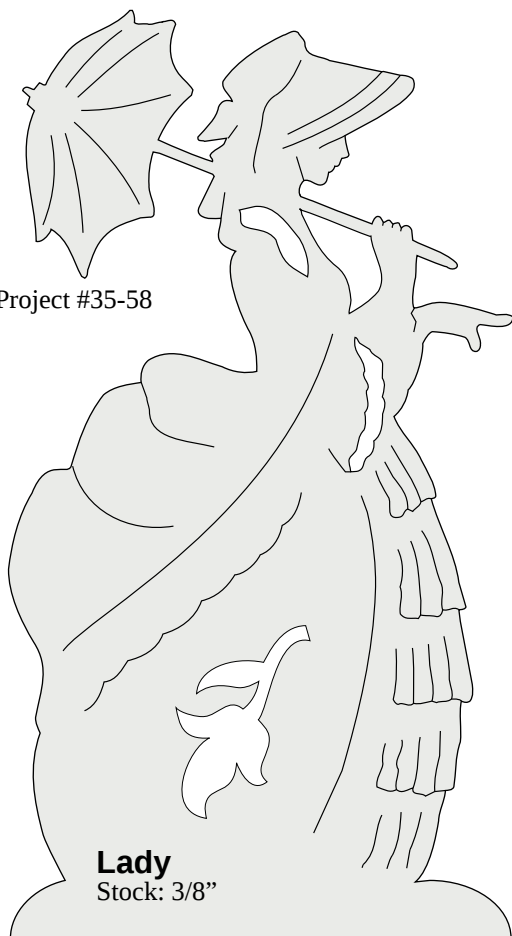


Valentine
Stock: 3/8"



Messenger
Stock: 3/8"

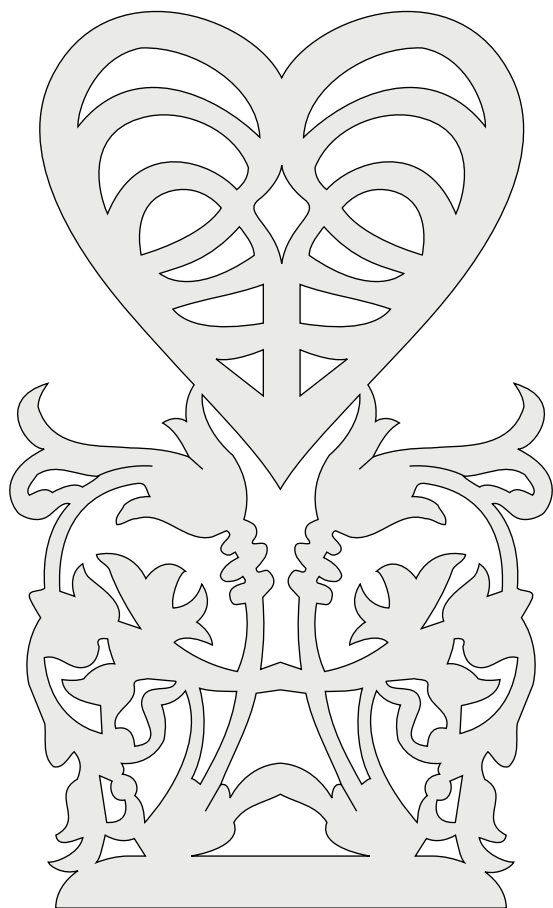
Project #35-58



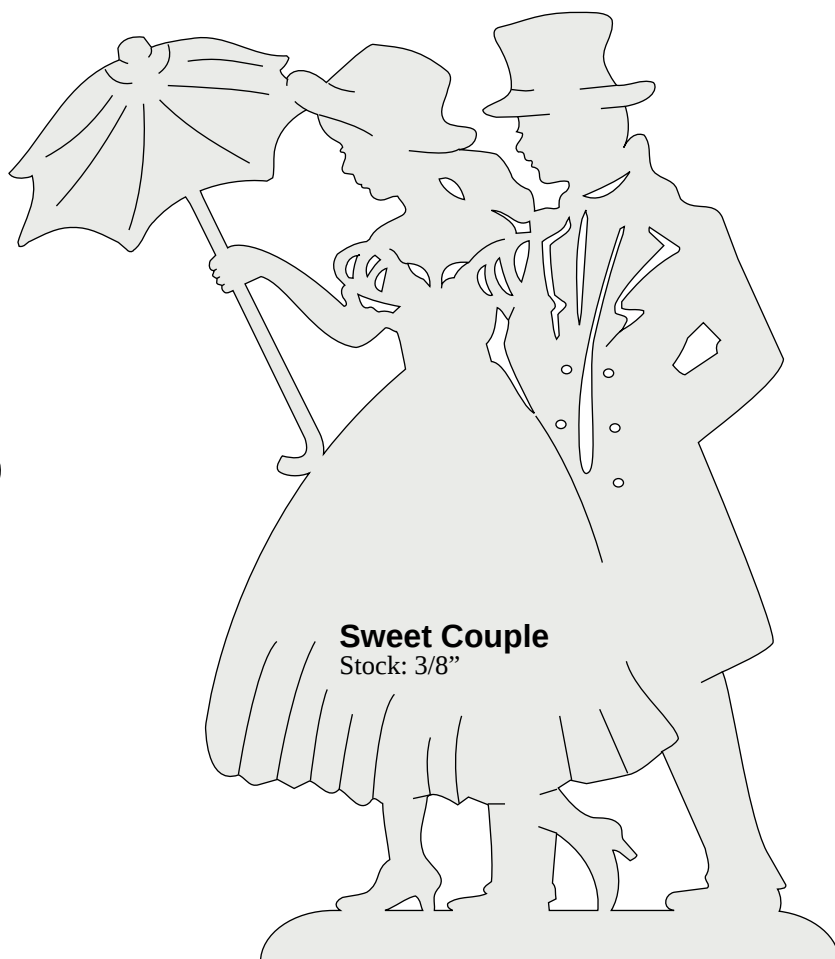
Lady
Stock: 3/8"



Gentleman
Stock: 3/8"



Flowery Heart
Stock: 3/8"



Sweet Couple
Stock: 3/8"