



Cat Mailbox Foto Phinish Final

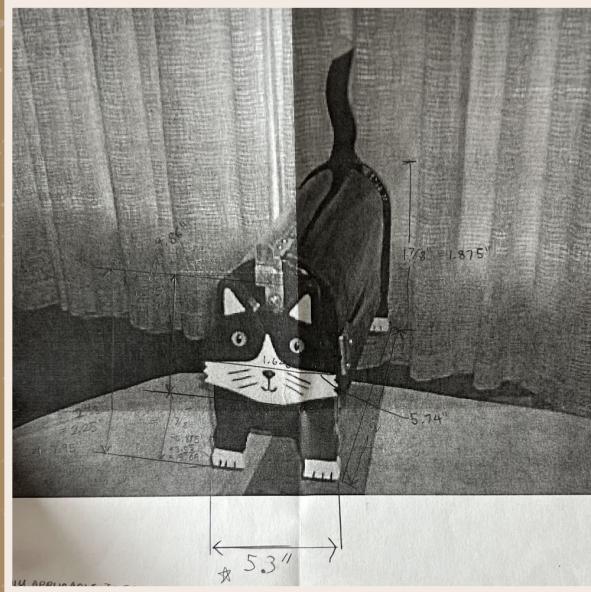
By Kayzelle Dagum



Given Image & Measurement

1.5" => 5.3"

Ratio = 3.533...



My Project Components

Front Cat Face!



Mailbox (Top,
Bottom, Back)



Mailbox Cover



Open/Close Latch

Back Cat!



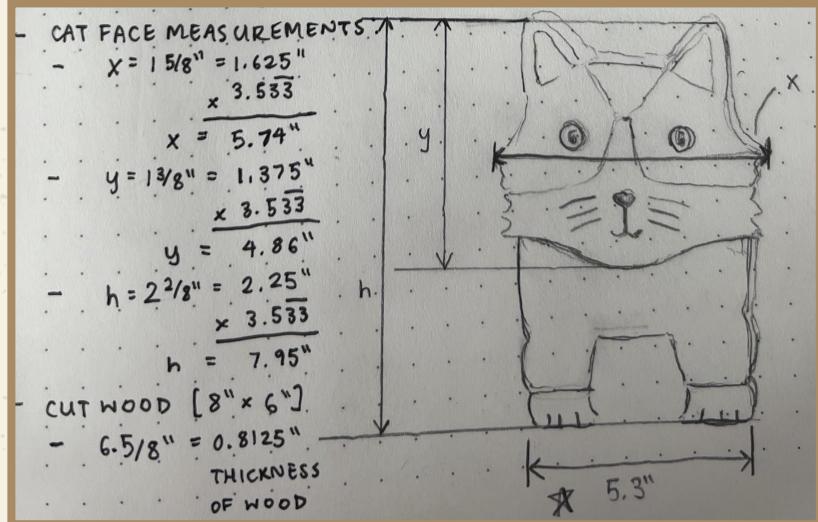
Signal Flag

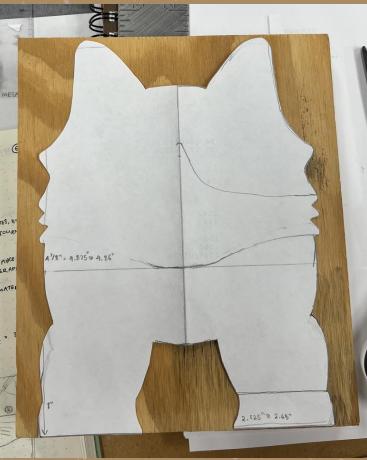
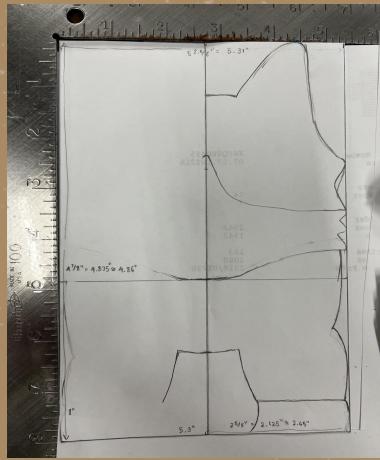
Front Cat Face

Getting measurements from
the given measurement

$$1.5'' \Rightarrow 5.3''$$

Ratio = 3.533...





Drawing, Cutting, & Tracing Template

Drilling,
Bandsaw-ing,
& Sanding



01



Painting !



Acrylic: Burnt Umber, Black

Gouache: White

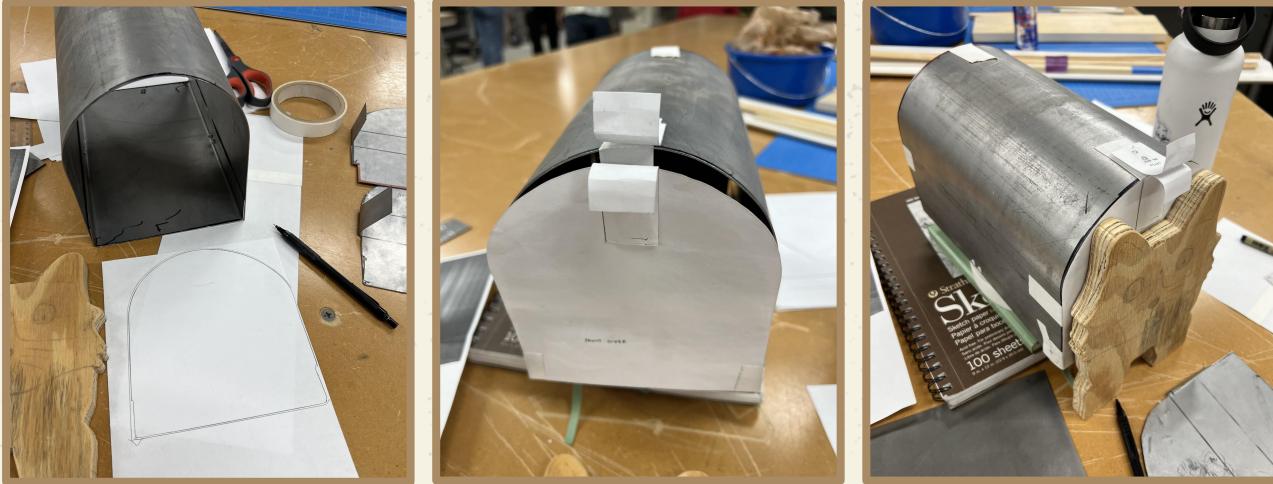
Mailbox (Top, Bottom, Back)



Found unused/unfinished mailbox (top, bottom, and back pieces) from last semester in the scraps drawer!

Mike let me use it –
Thank you!!! :D

Mailbox Cover



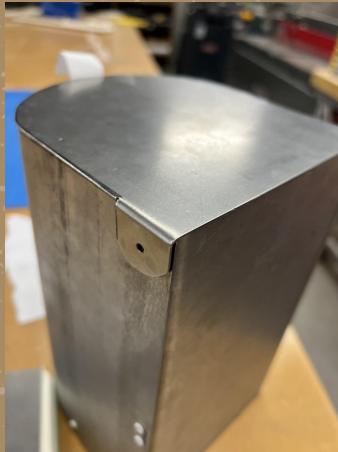
Prototyping cover template with paper

000
03

Drilling & Bending

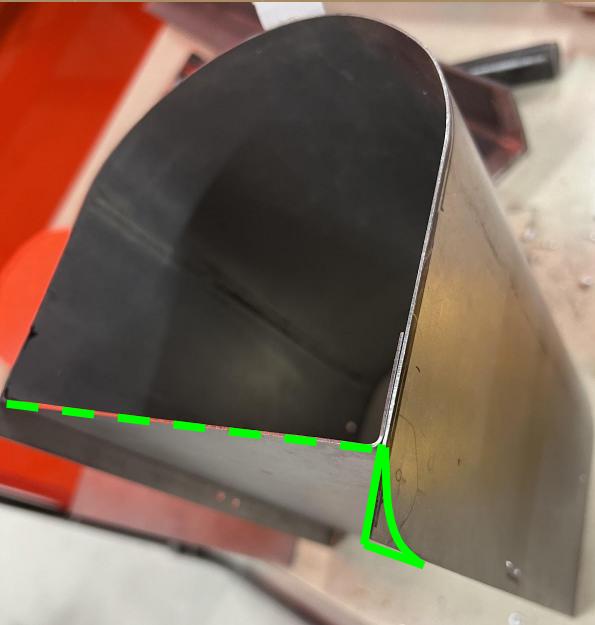
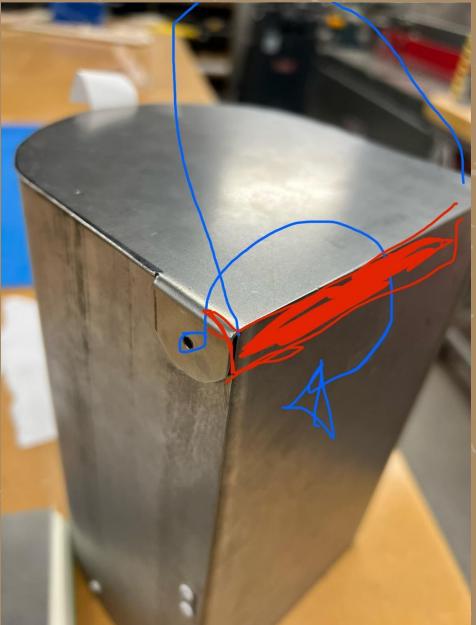


Bandsaw-ing & Sanding Metal

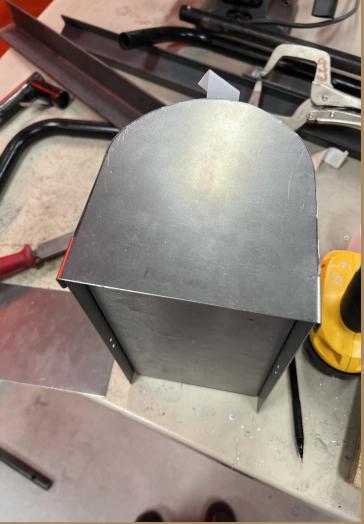




Making Cover Functional!



Making Cover Functional!



Disassembled and reassembled:

- Bottom base moved up
- Side pieces cut to curve
- Back piece reattached

Making Cover Functional!



Aligning Rivets



Success! :D



Open/Close Latch

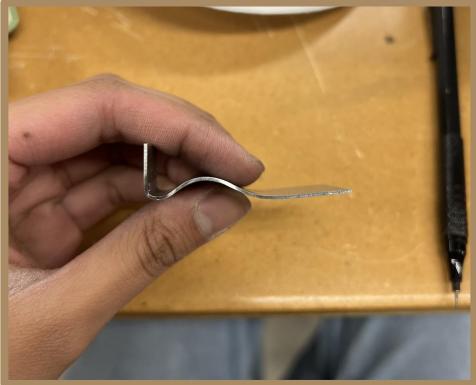


1" x 2 1/2" Top Tab

1" x 3 1/2" Bottom Tab

Prototyping templates with paper

Open/Close Latch

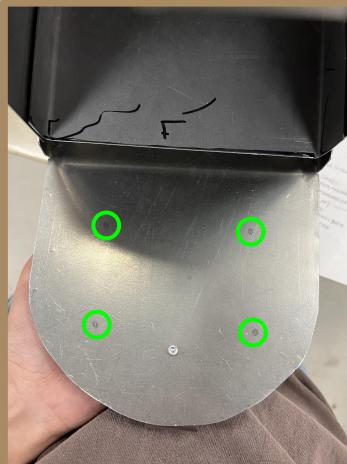


Shaping the latch pieces:

- Hand bent the curves using thumbs, table, & force
- Used box & pan brake for the 90° angles

Reference Image & Drilling
by Taping in Place

Attached Cat Face to Finished Mailbox!



3/16" Drill Bit

Drill through metal, then
screw through wood

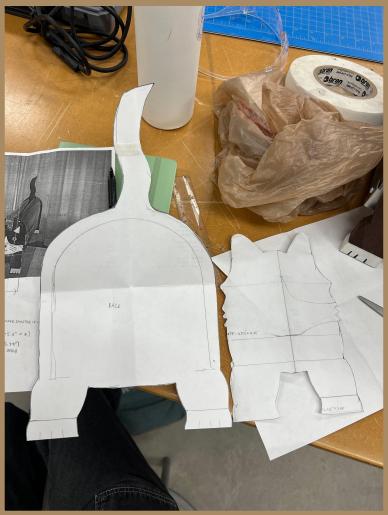
Long enough to keep in
place & not go all the
way through the wood

Used Screws for Fastening Metal & Wood





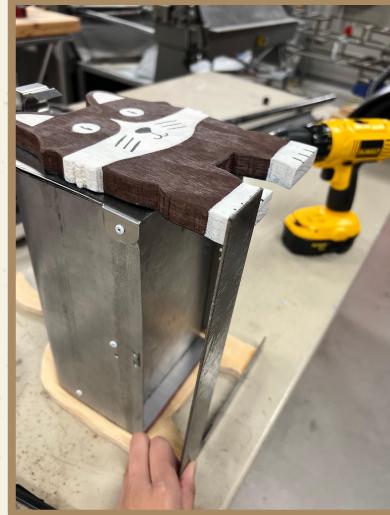
Back Cat (Tail & Legs)



- Making a template with paper using the front cat as a guide
- Cutting the cat shape using the bandsaw
- Sanding w/ the horizontal/vertical sander & oscillating spindle sander



Back Cat (Tail & Legs)



- Aligning cat piece to the mailbox so it stands straight & even
- Drilling four holes for four screws to attach same way I attached the front cat face!



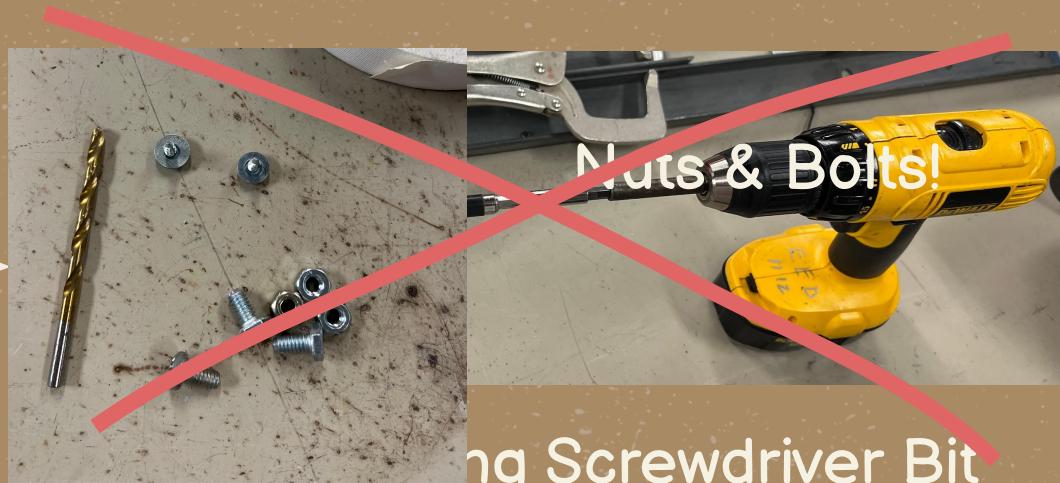


Oh noes! DILEMMA!!!!

My power drill doesn't fit inside the mailbox D:



How will I screw in my back cat?

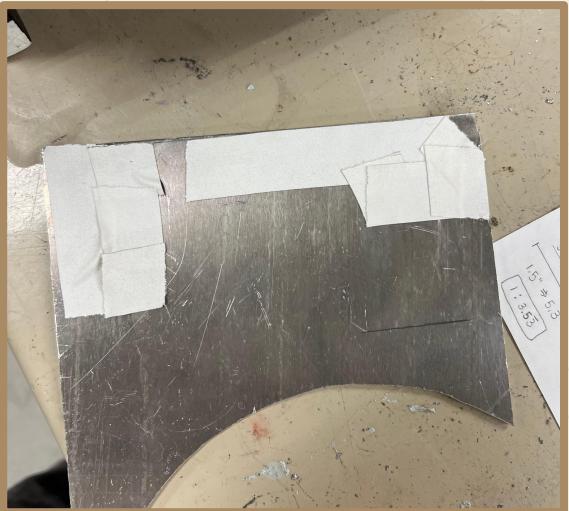


Using Screwdriver Bit





Signal Flag



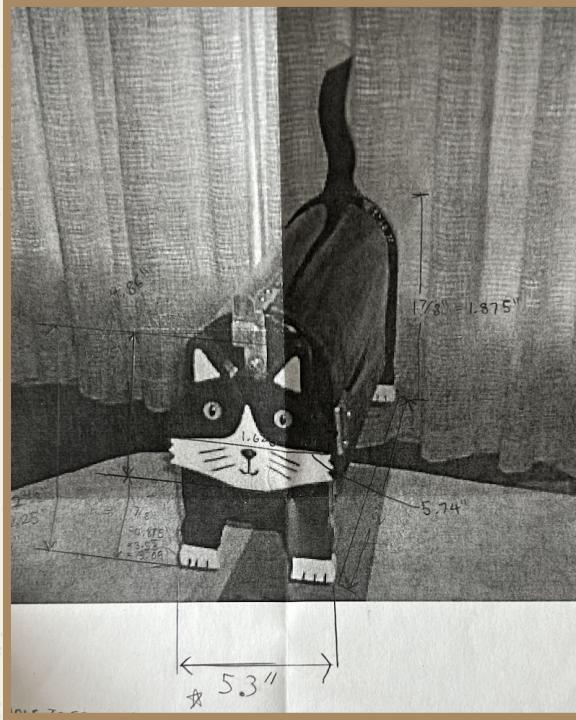
- Gaff taping/drawing a template onto metal using reference image
- Learning a new material! (Aluminum)



- Bandsaw-ing & Sanding Metal
- Aligning, Drilling, & Riveting



Success! :D



Pre-Paint Comparison!

Finishing Touches!

- Painting @ Home :)



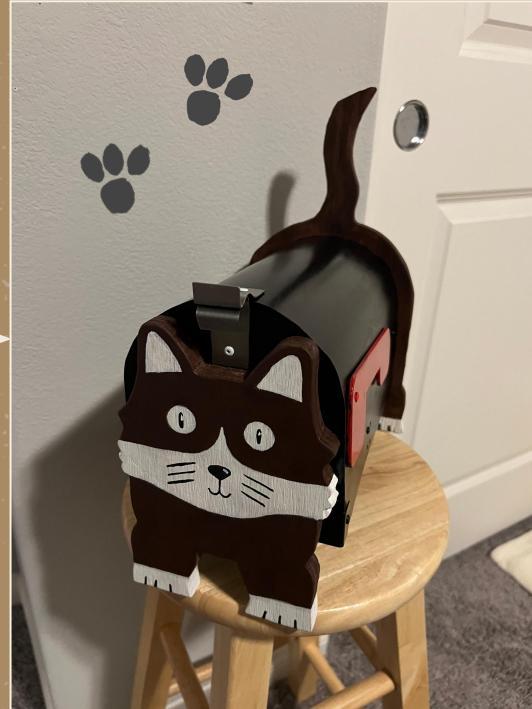
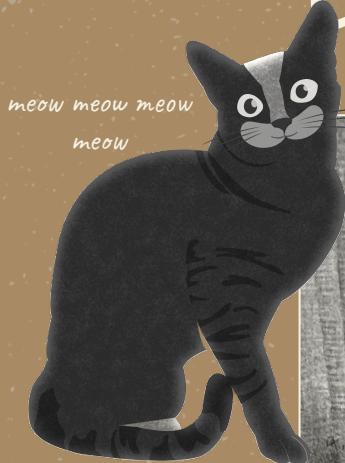
- Acrylic: Burnt Umber, Black
- Gouache: White
- Oil Based Paint Pens: Black, White, Red

Finishing Touches!

- Painting @ Home :)



Cat Mailbox Complete!





Thank You! :)

Questions? Comments?

