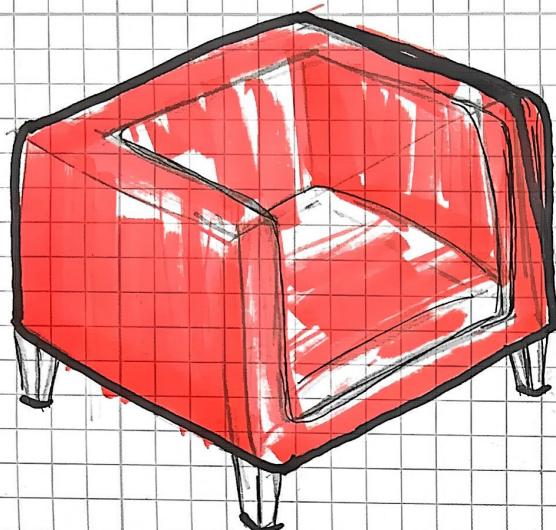
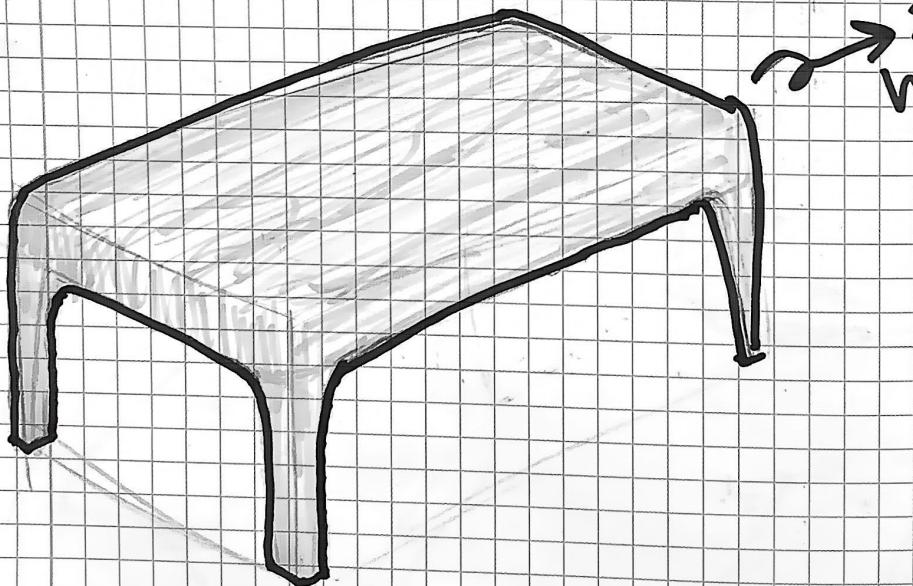


2024
winter

dsgn 395
furniture design



warm colors
inviting
sh



week 1: ideati

crucial design considerations:

comfort

visual appeal

cleanability

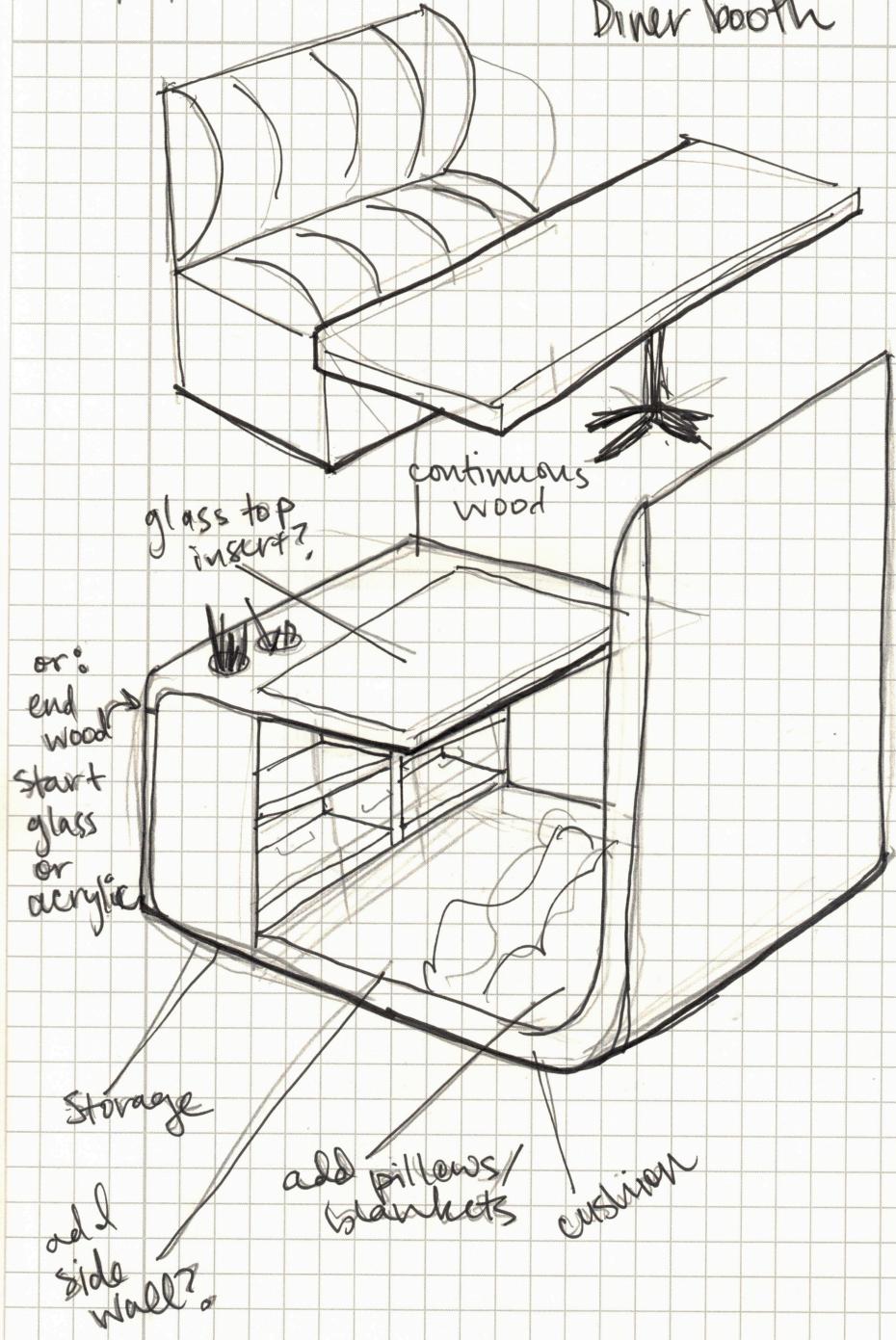
durability

storage

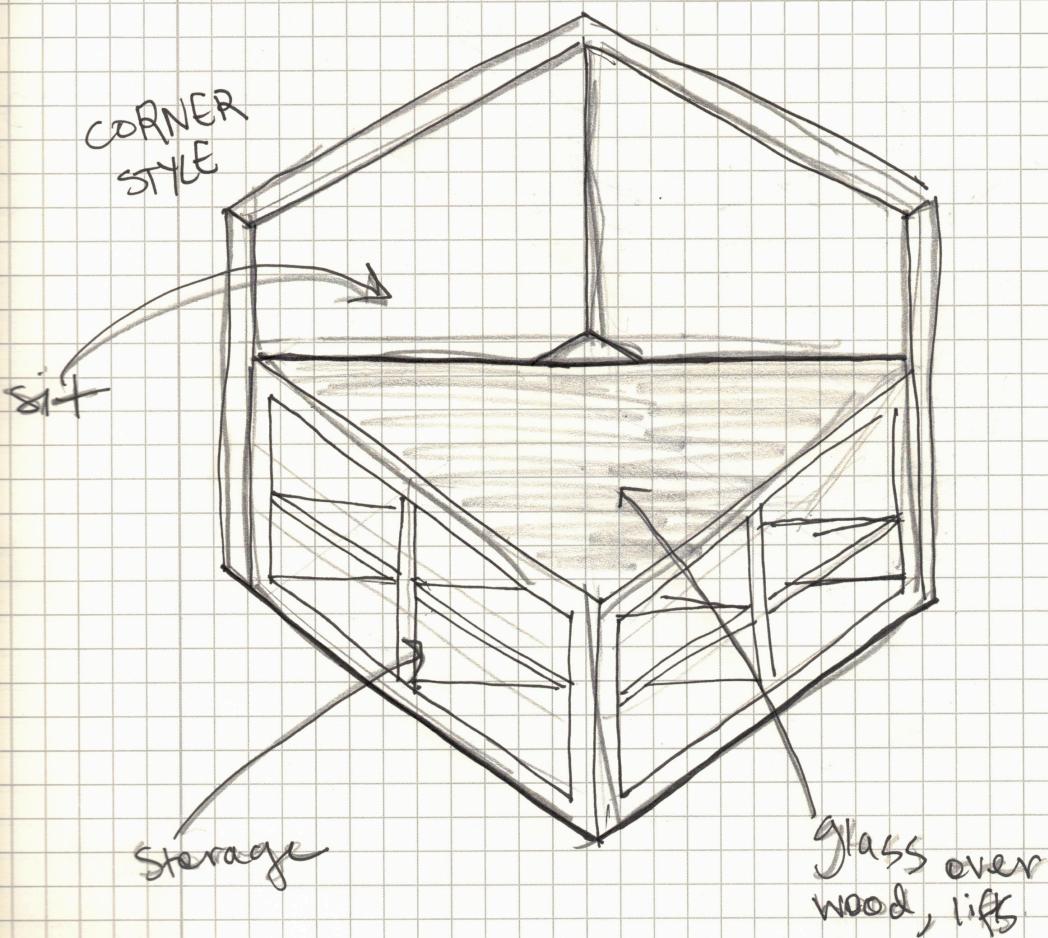
versatility

1/5/24

Diner booth

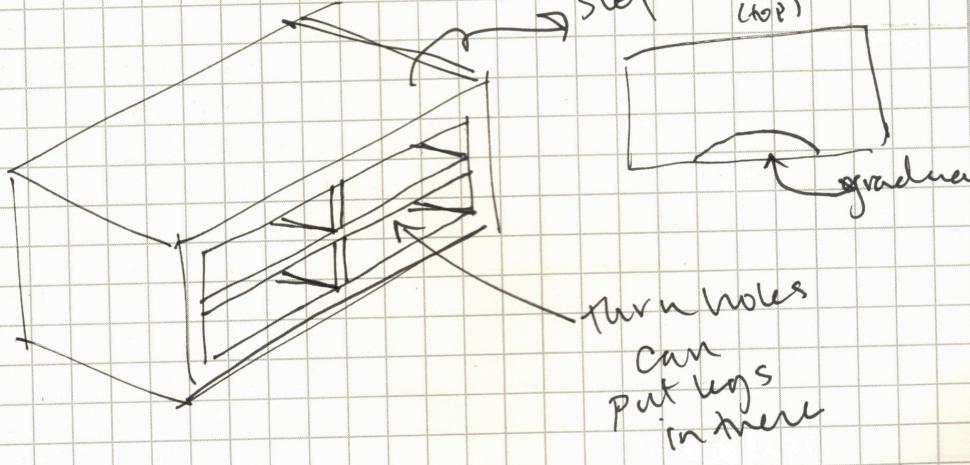


a desk desi

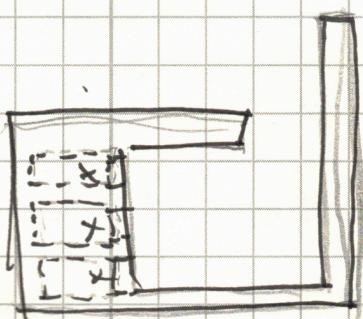


igned for sitting on the floor

1/11



week 2: form



1/10 Design con

- avoid furni -
- seating slipper
- fabric co

supported activities:

painting

guitar repair

playing guitar, flute

sewing

electronics design

gluing

writing and drawing

storing supplies

sculpting

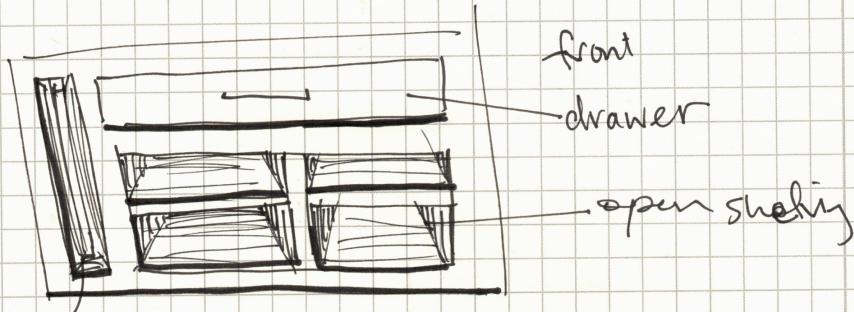
printmaking

I sleeping
here

seems to add
looking like a
true
cushion?
fabric?
part can't
my
ation of wood

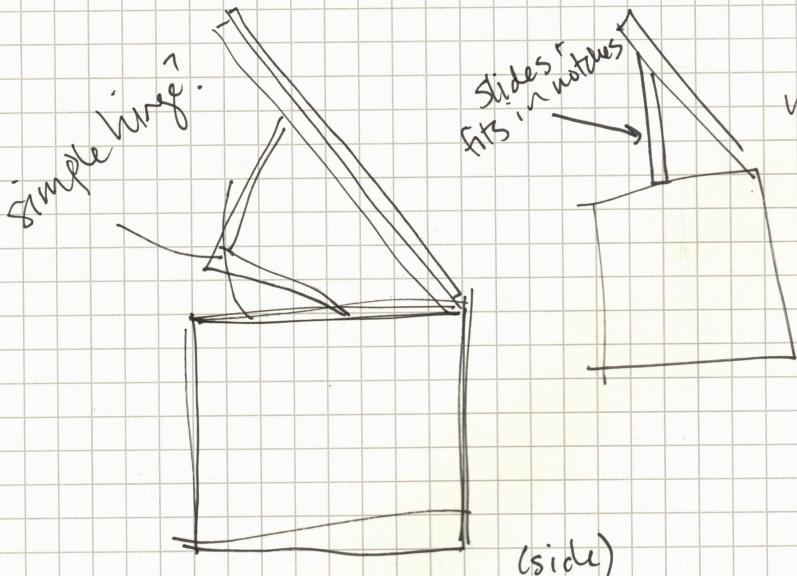
4/11

STORAGE LAYOUT



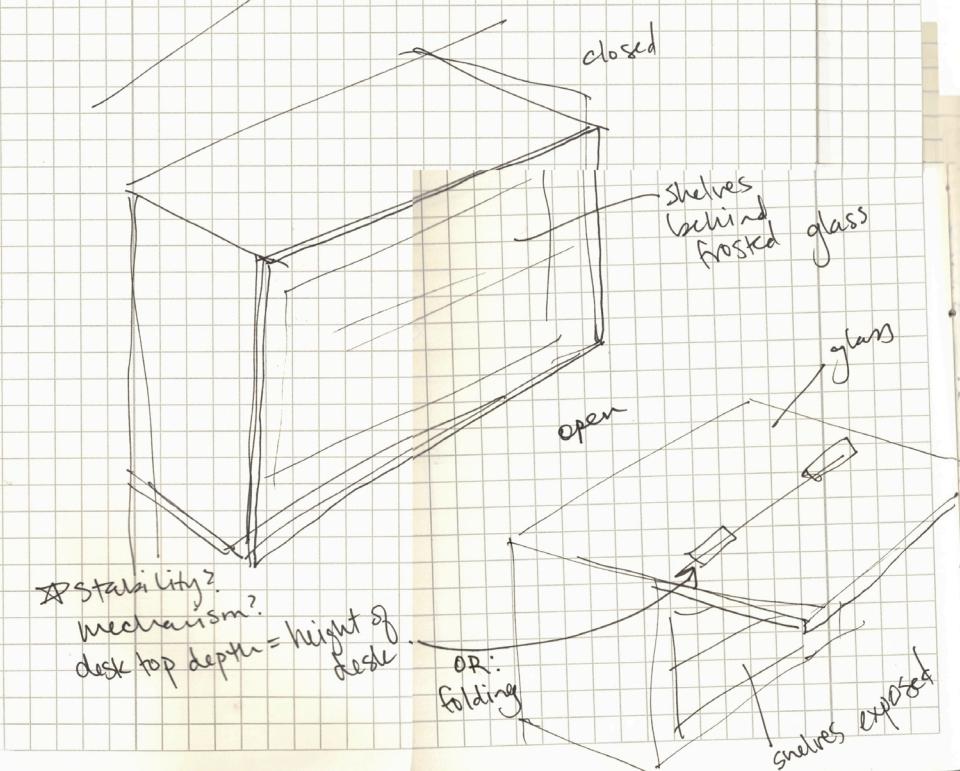
★ IMPORTANT

TIPTING MECHANISM

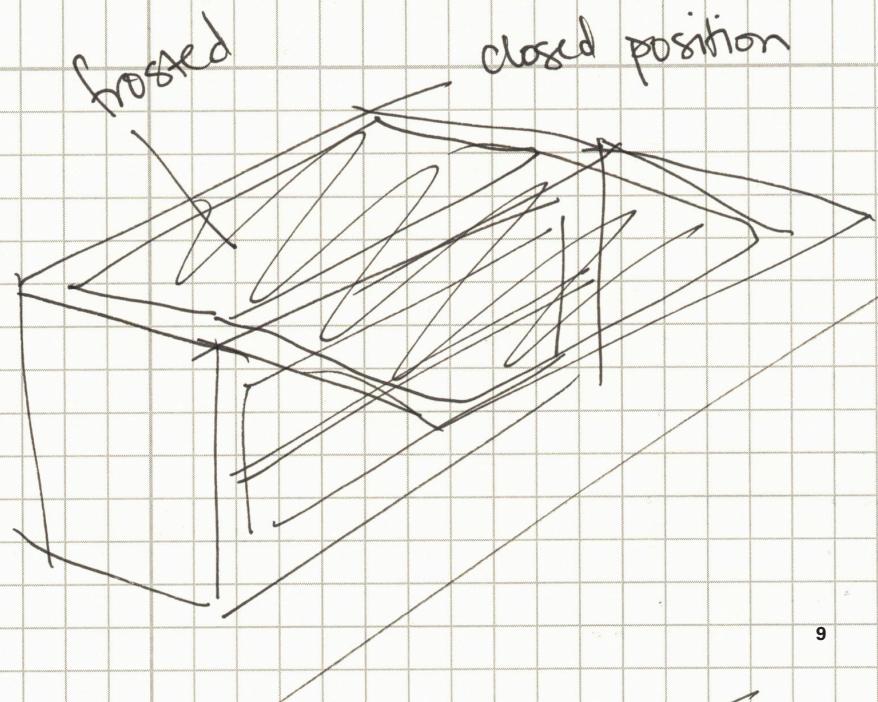


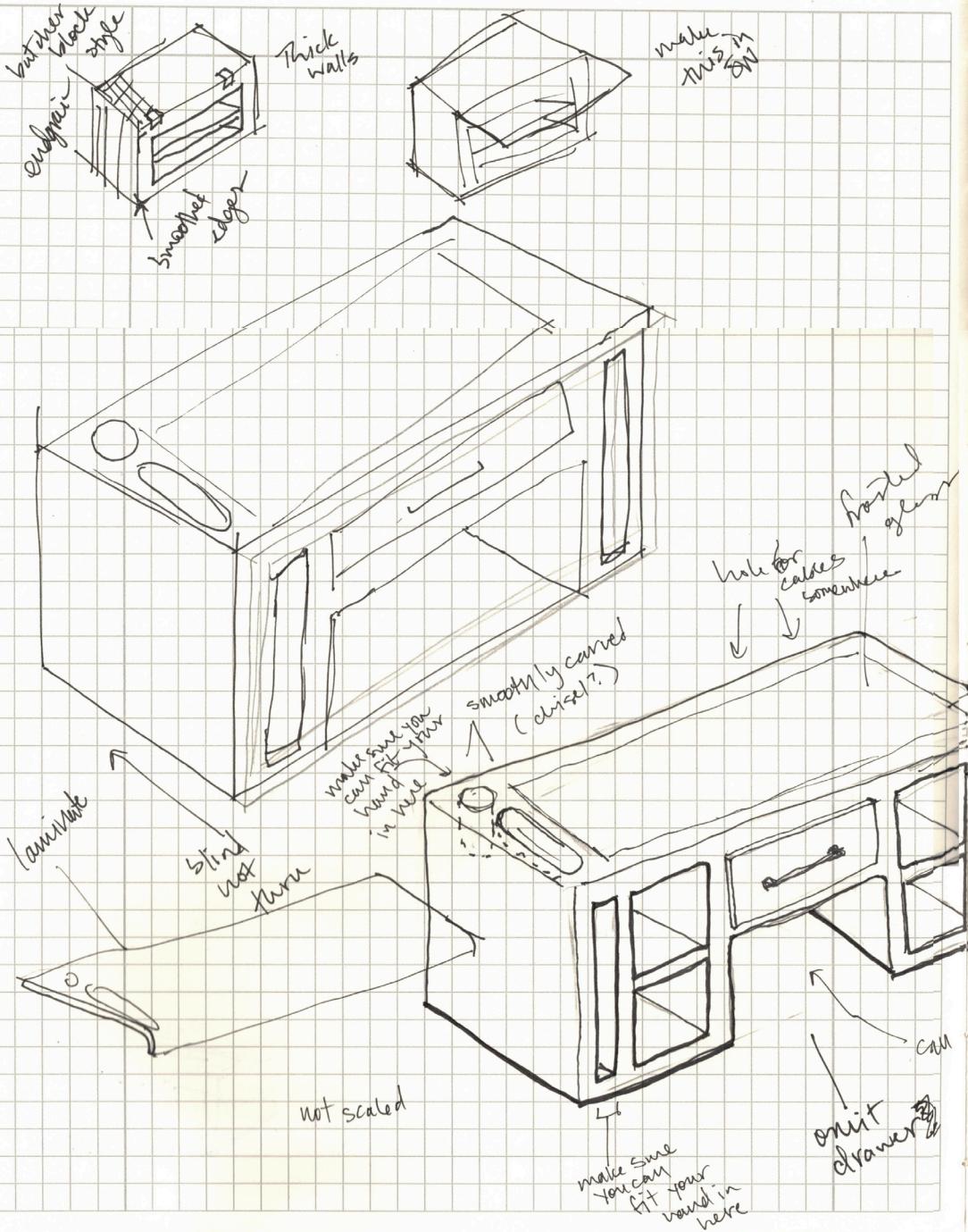
★ desired feature
o paper holder
o tilt surface
• holds surface
• electric
• or

5

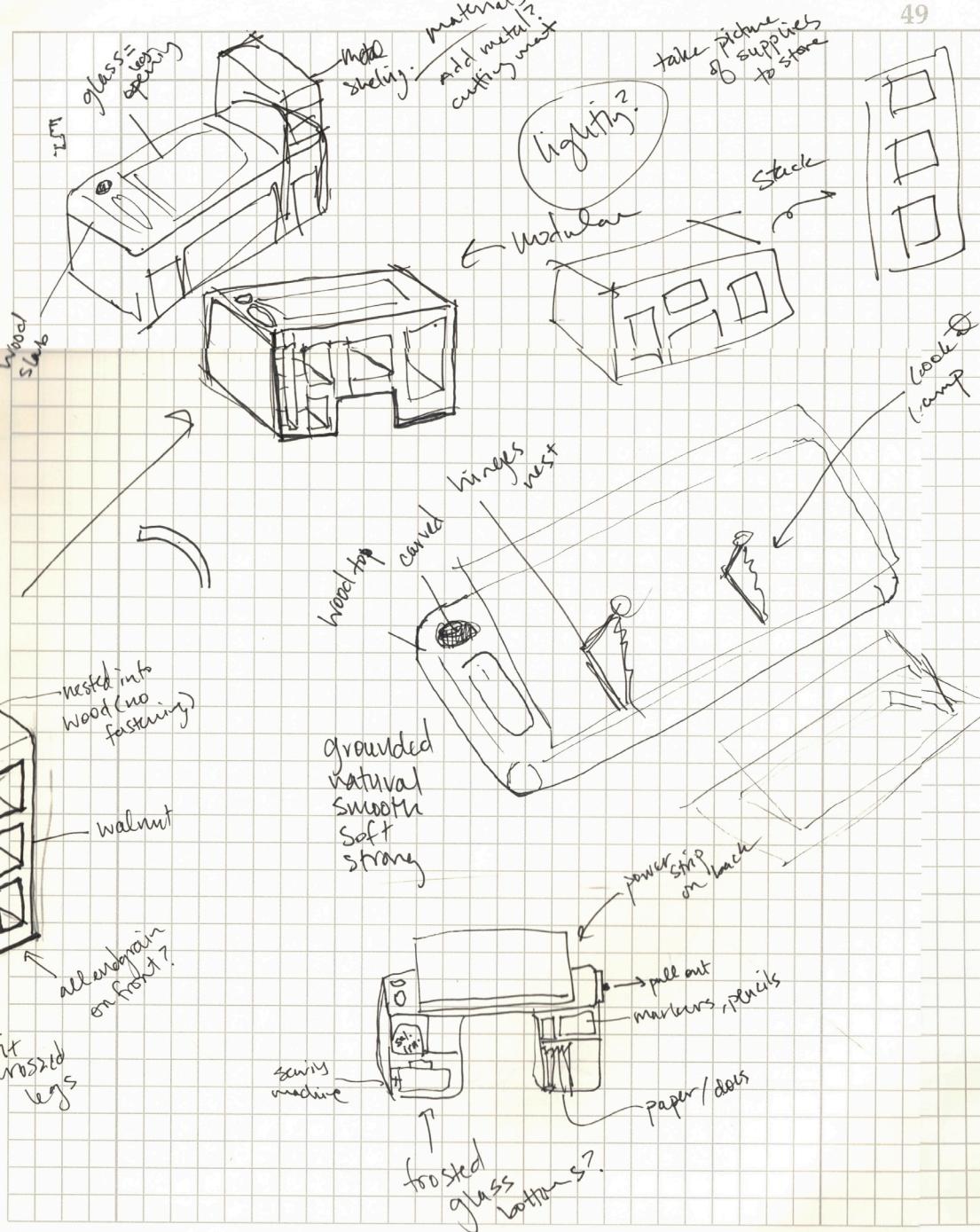


46

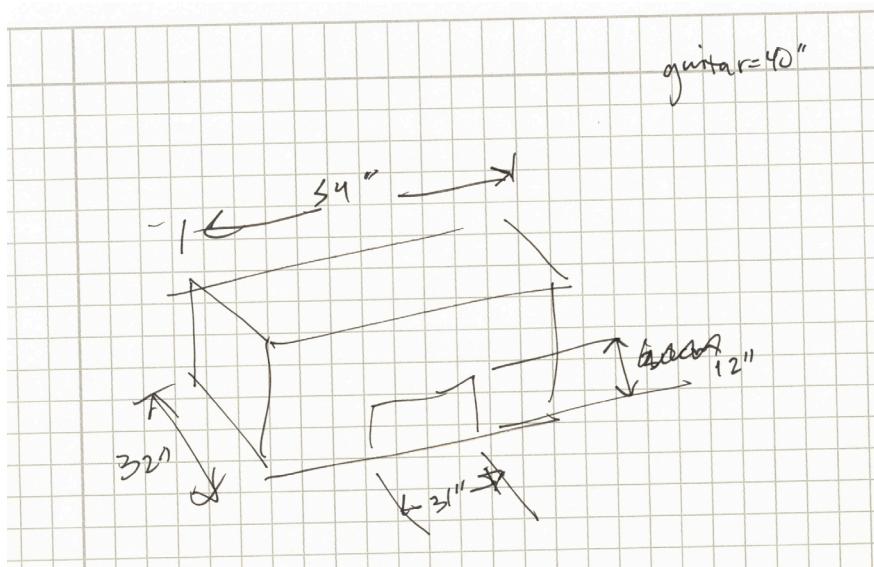




week 3: narrowing down the desig



mockup vi: testing dimensions





mockup v2: changes to legs and







mockup v2: higher quality c

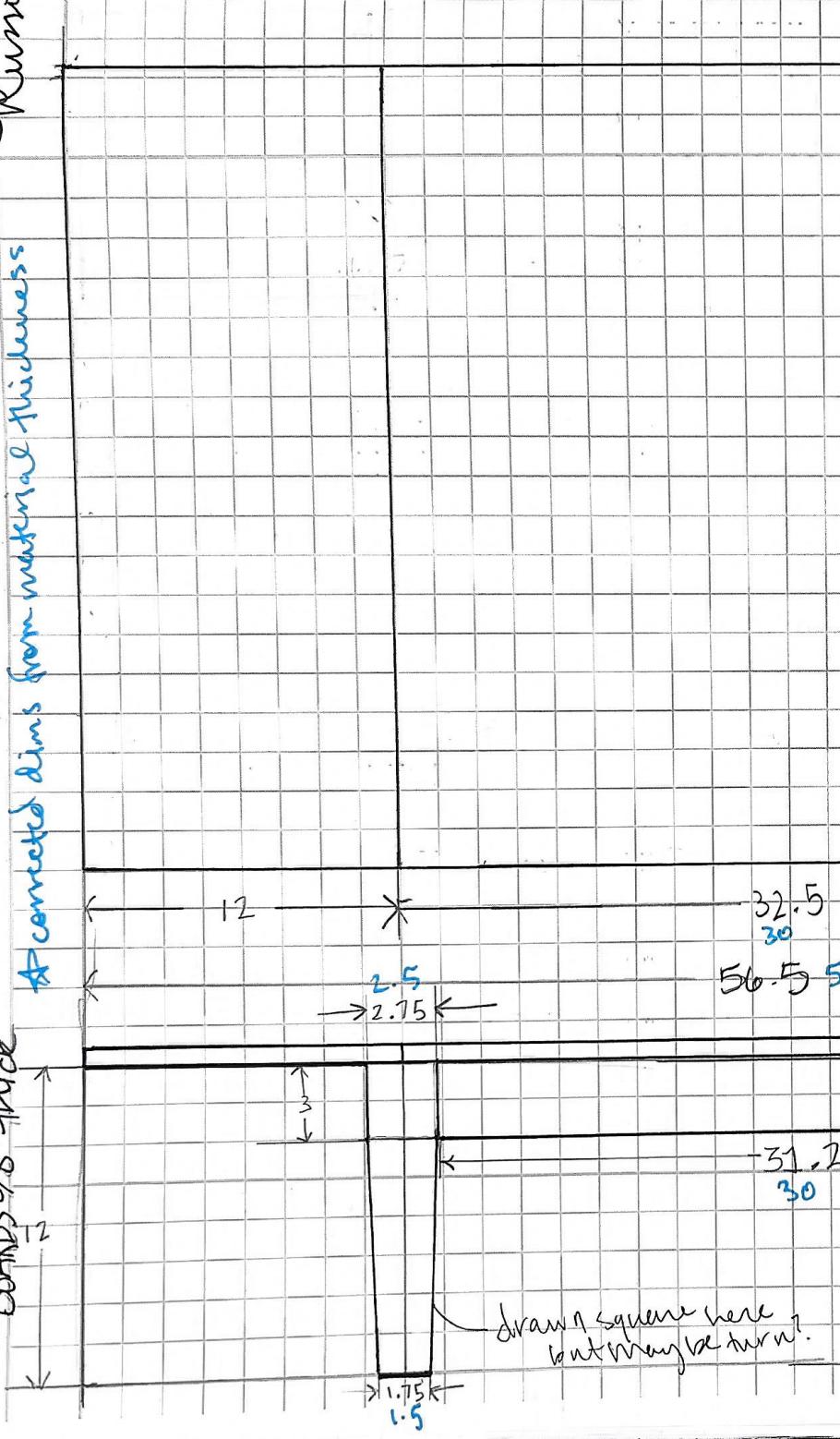




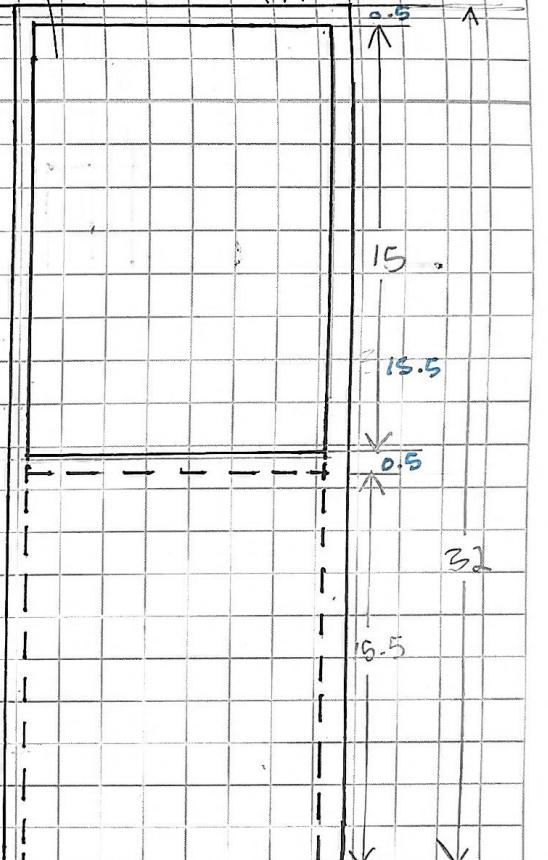
ardboard and construction



CARDBOARD DESK MOCKUP 1:6 SCALED
5 Boards $\frac{5}{8}$ " thick
Machine Run



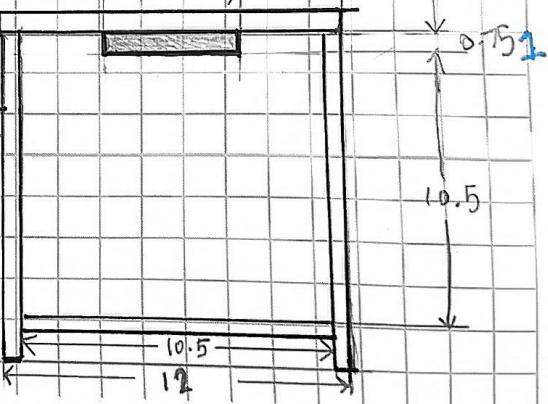
make cutout into same, but open cabinet smaller so lid fits



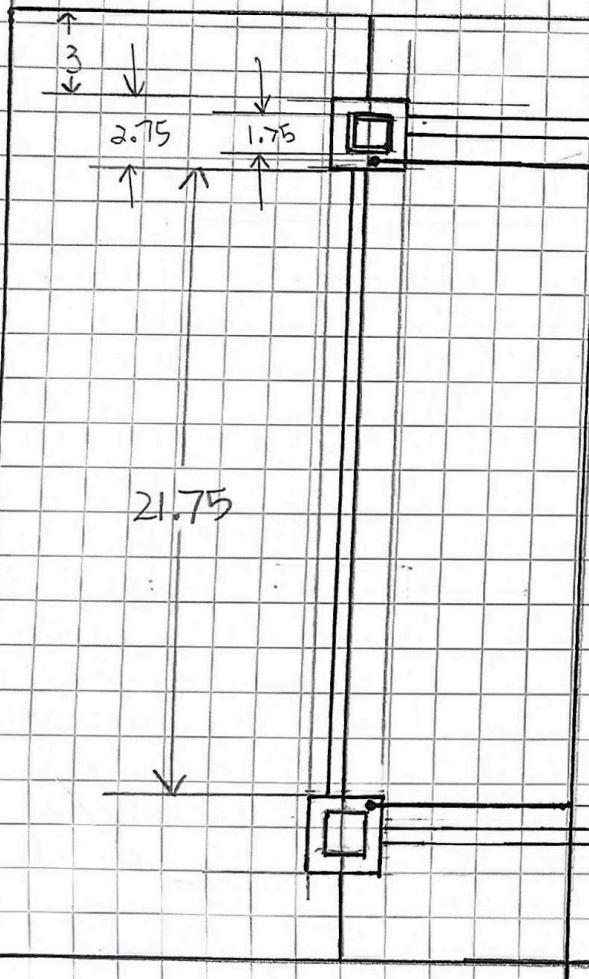
4

.5

FRONT

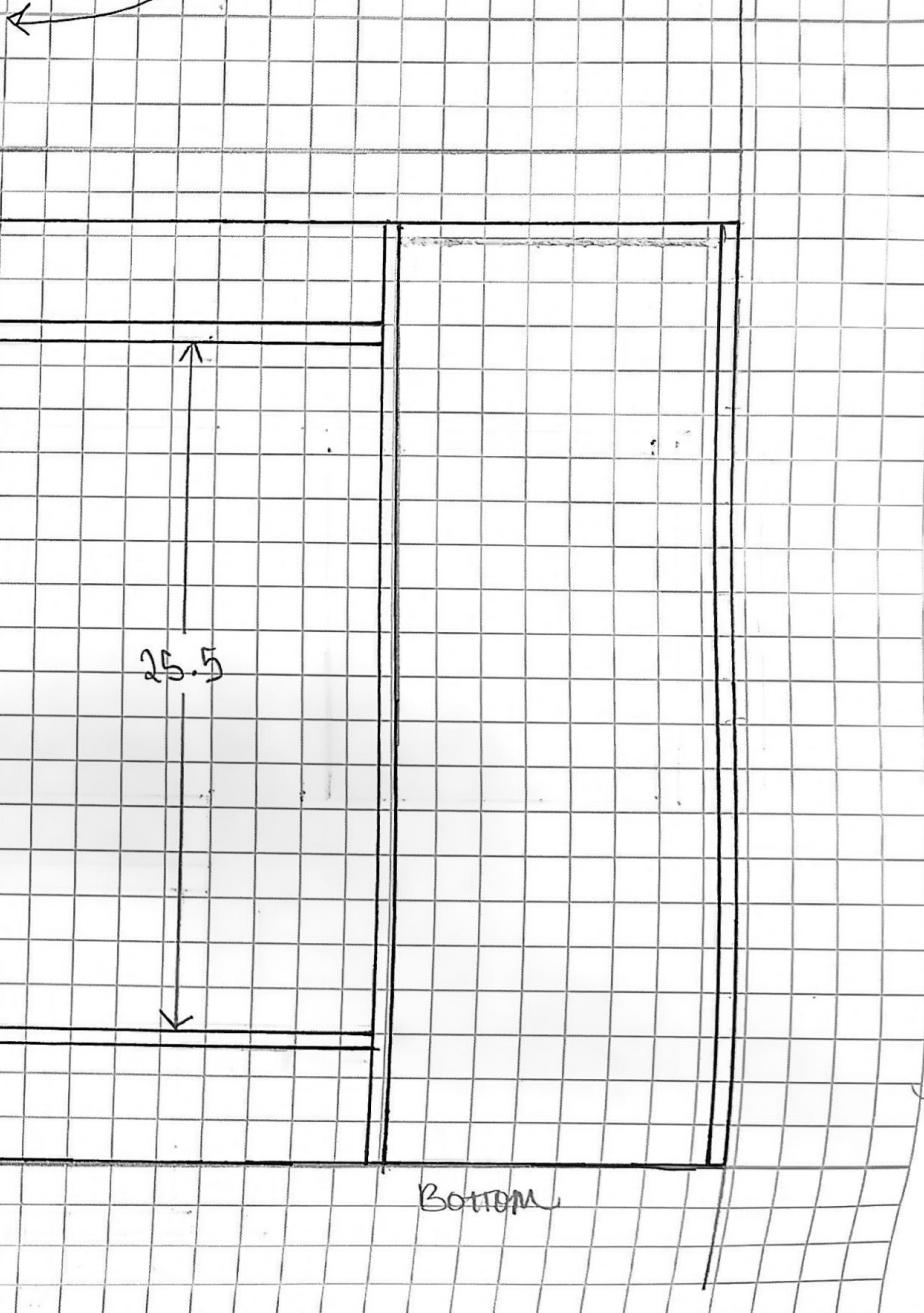


* Key / frame placement is arbitrary
Need to choose more thoughtful dimensions
~~so~~



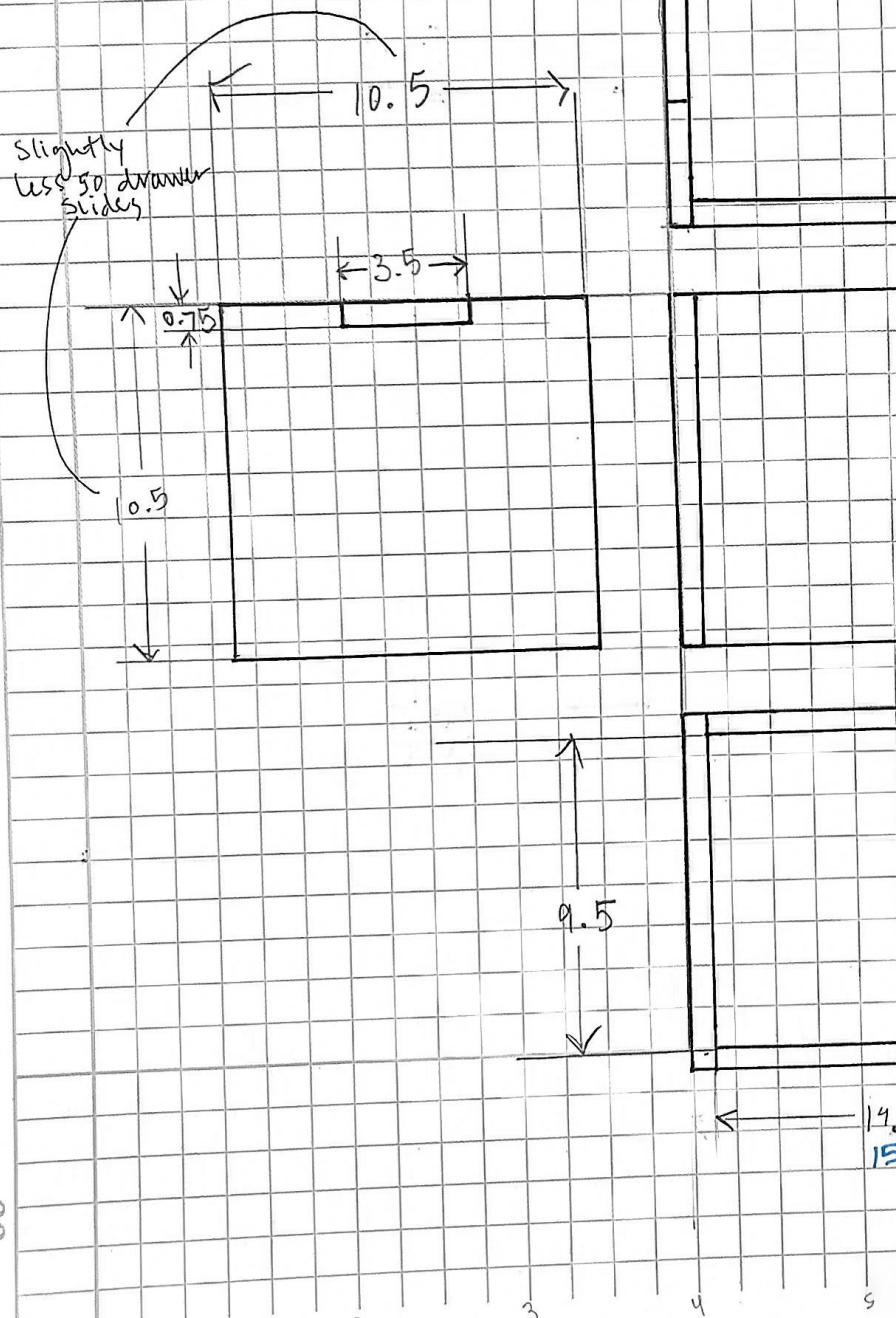
SYMMETRICAL

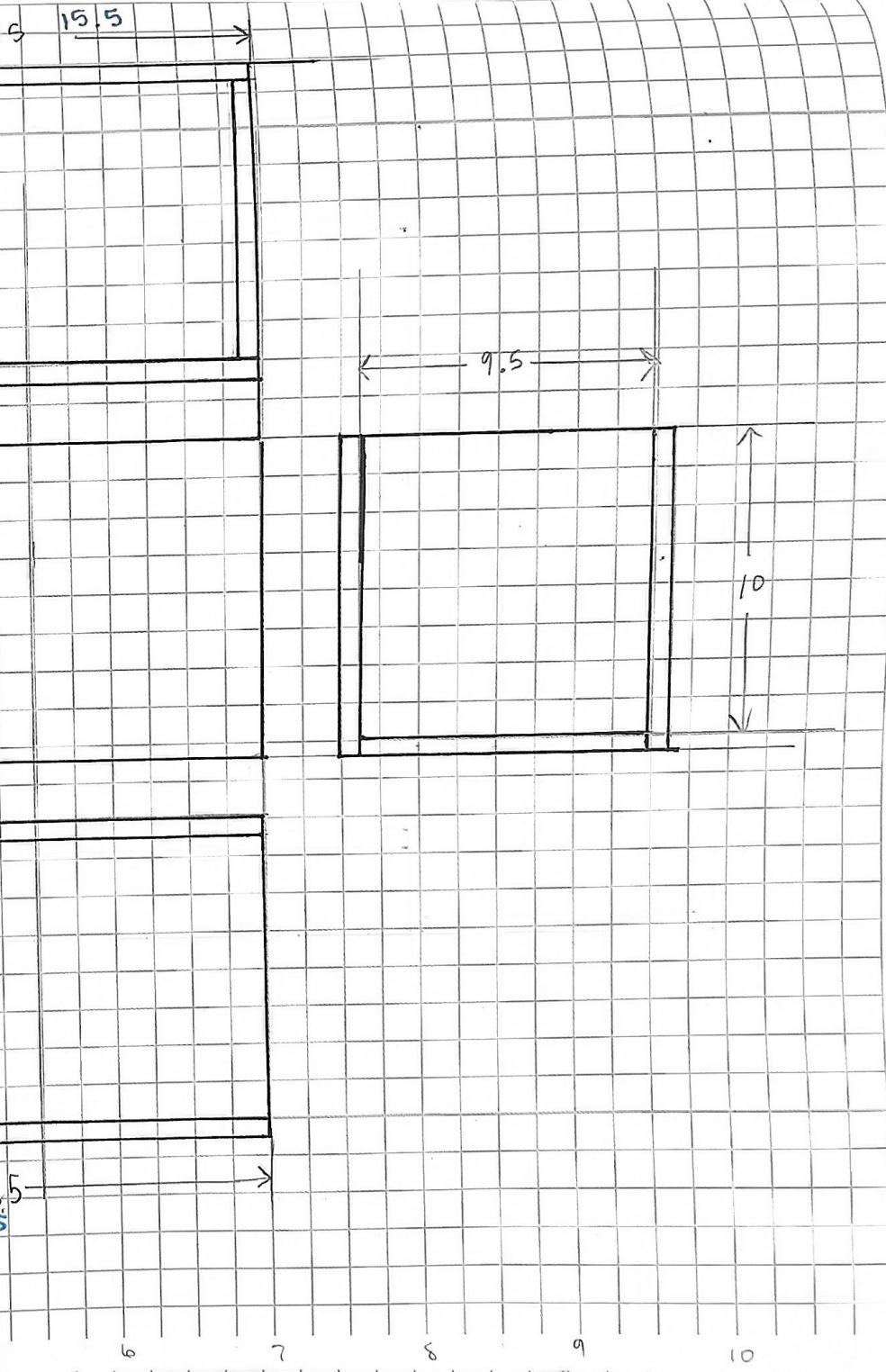
Q How is frame attached to top?

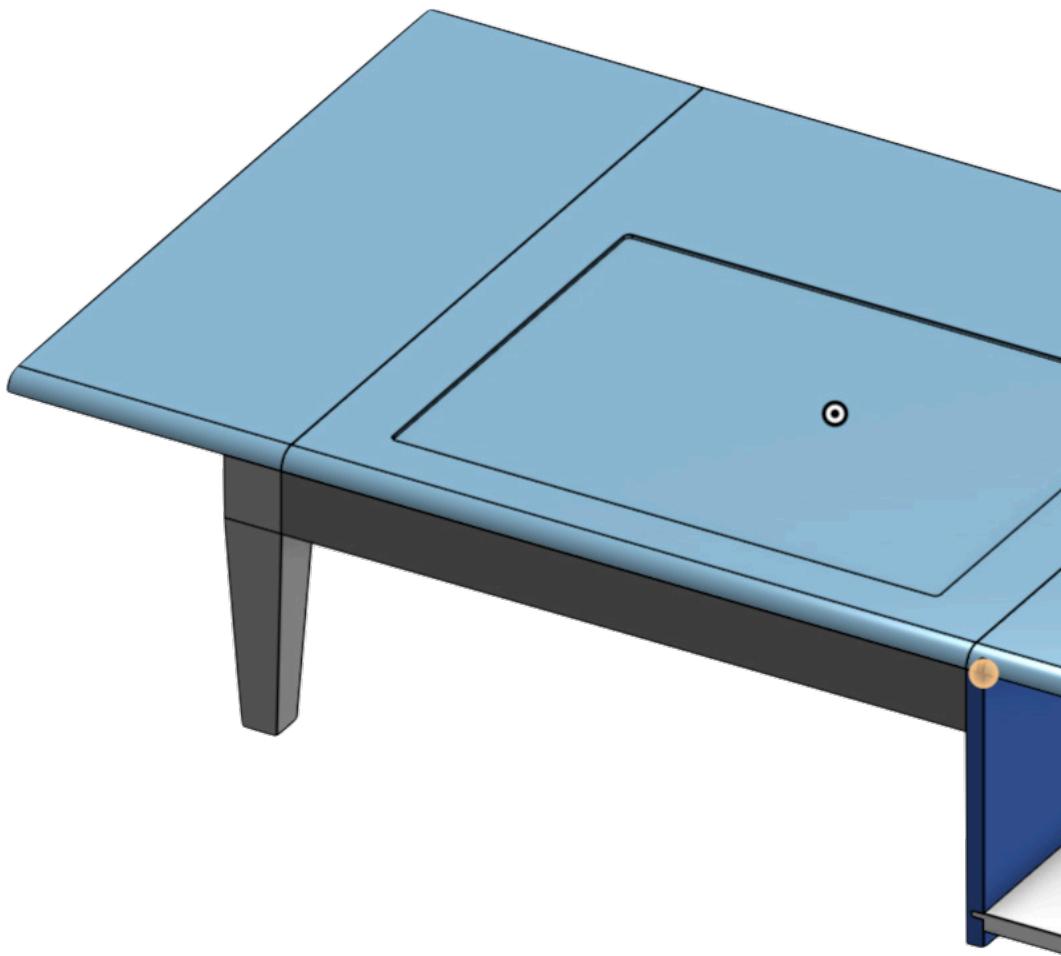


60

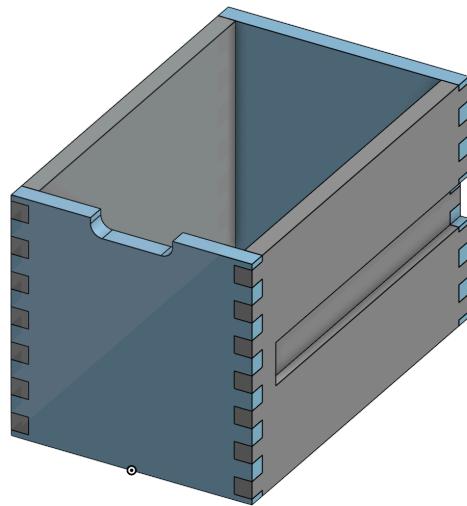
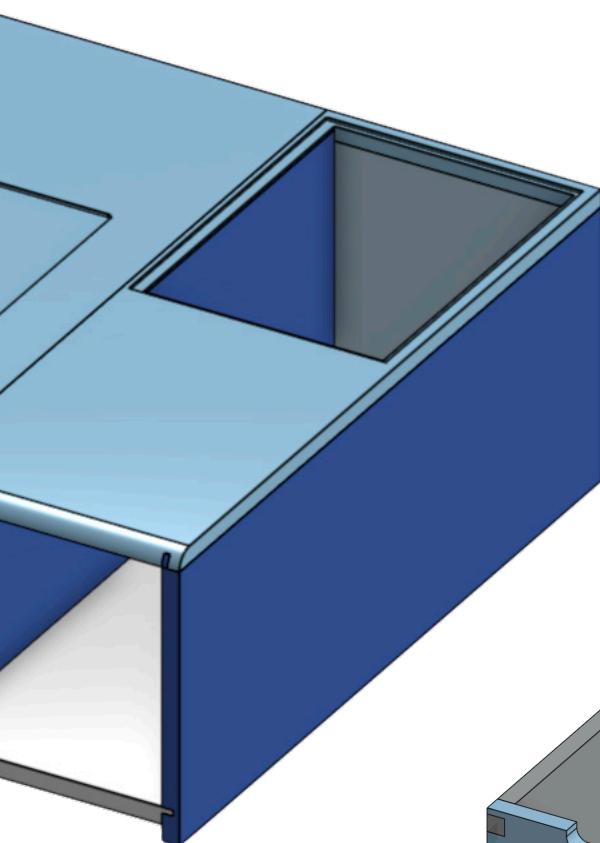
DRAWER 1:5



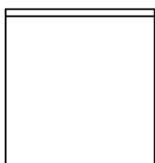
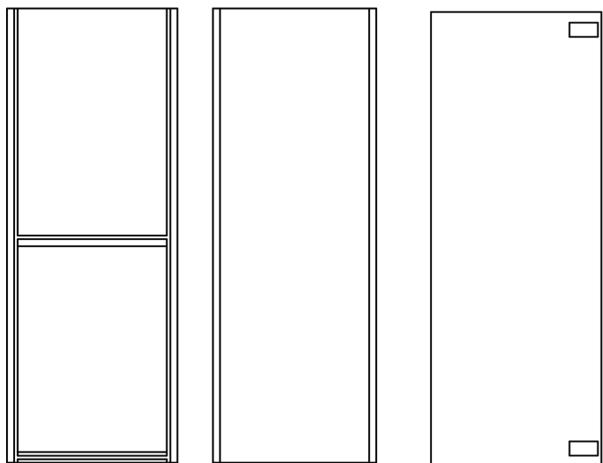


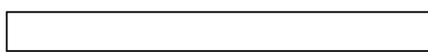
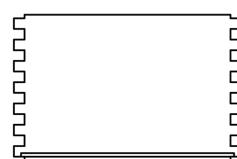
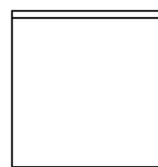
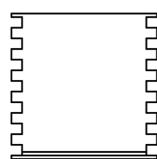
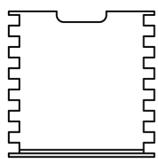
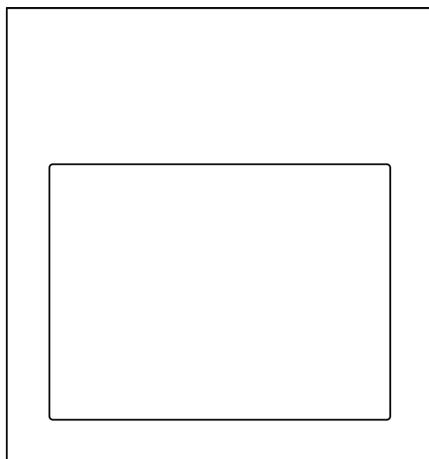


CAD mockup



DXFs for CNC cutting





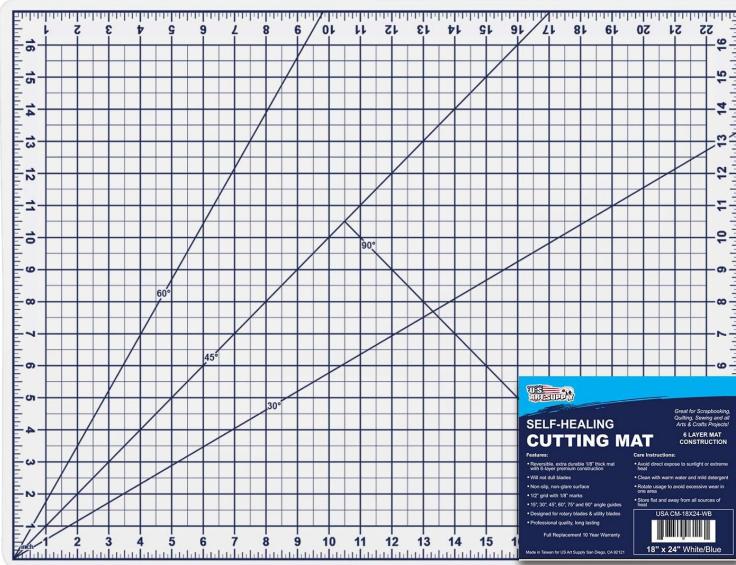
materials:



red oak plywood, 3/4"

danish oil finish





self-healing cutting surface

full extension ball bearing drawer slides



**course instructor: hemmant jha | fabrication instructor: eric capper
designer: madi russo**
madisonrusso2023@u.northwestern.edu