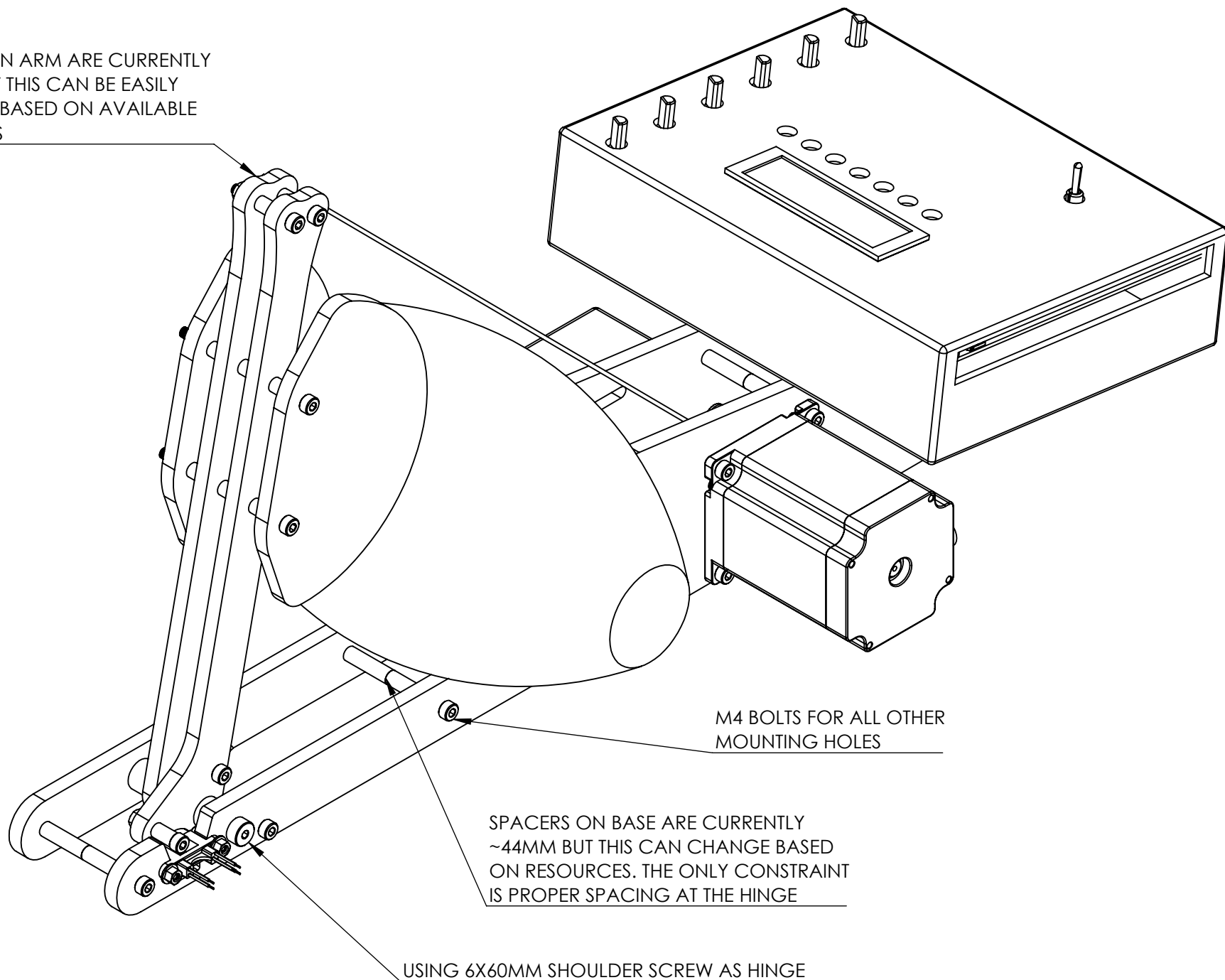


SPACERS ON ARM ARE CURRENTLY  
~10MM BUT THIS CAN BE EASILY  
CHANGED BASED ON AVAILABLE  
RESOURCES

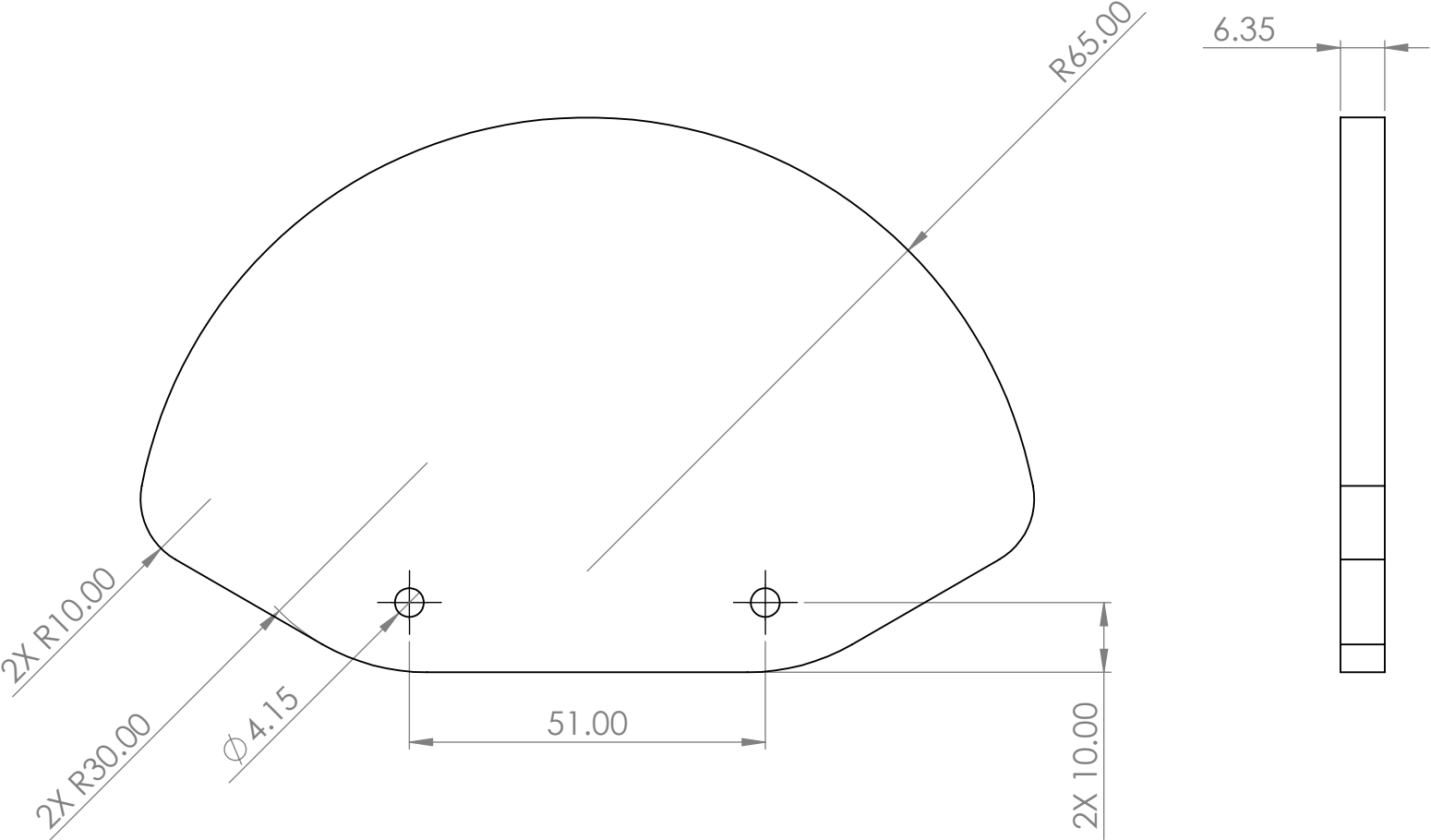


M4 BOLTS FOR ALL OTHER  
MOUNTING HOLES

SPACERS ON BASE ARE CURRENTLY  
~44MM BUT THIS CAN CHANGE BASED  
ON RESOURCES. THE ONLY CONSTRAINT  
IS PROPER SPACING AT THE HINGE

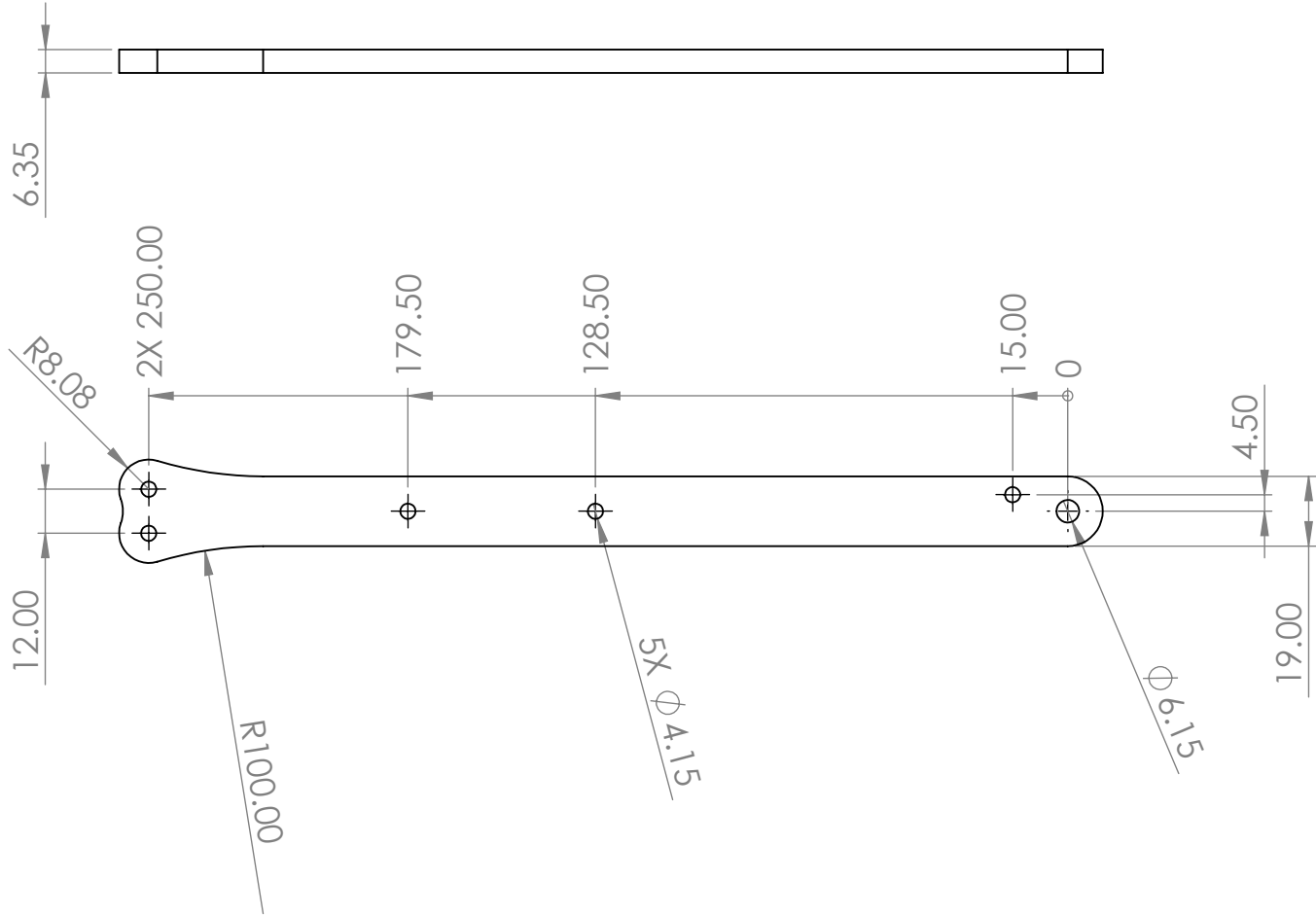
USING 6X60MM SHOULDER SCREW AS HINGE

# COMPRESSOR



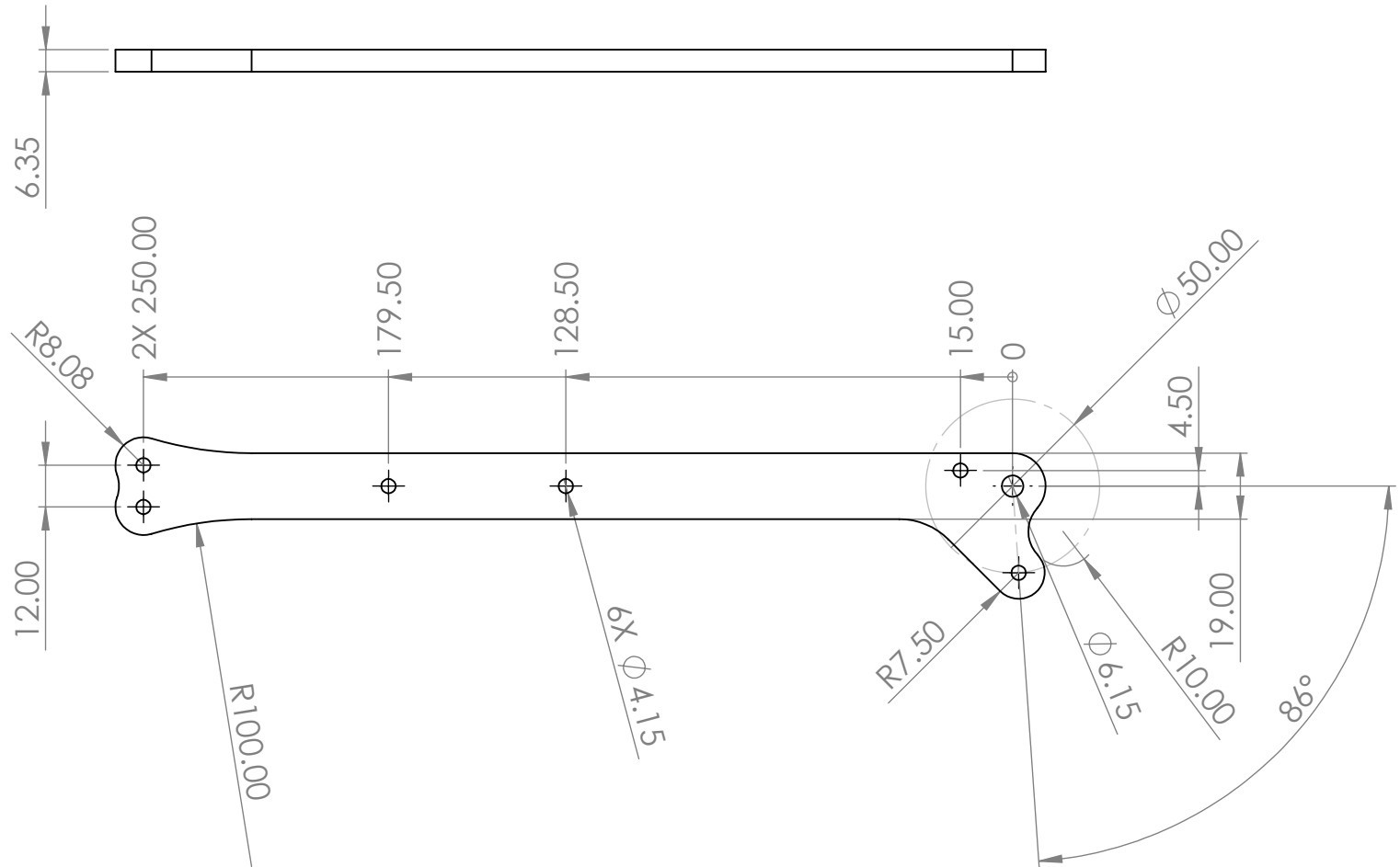
SCALE 1:1

# LEVER ARM



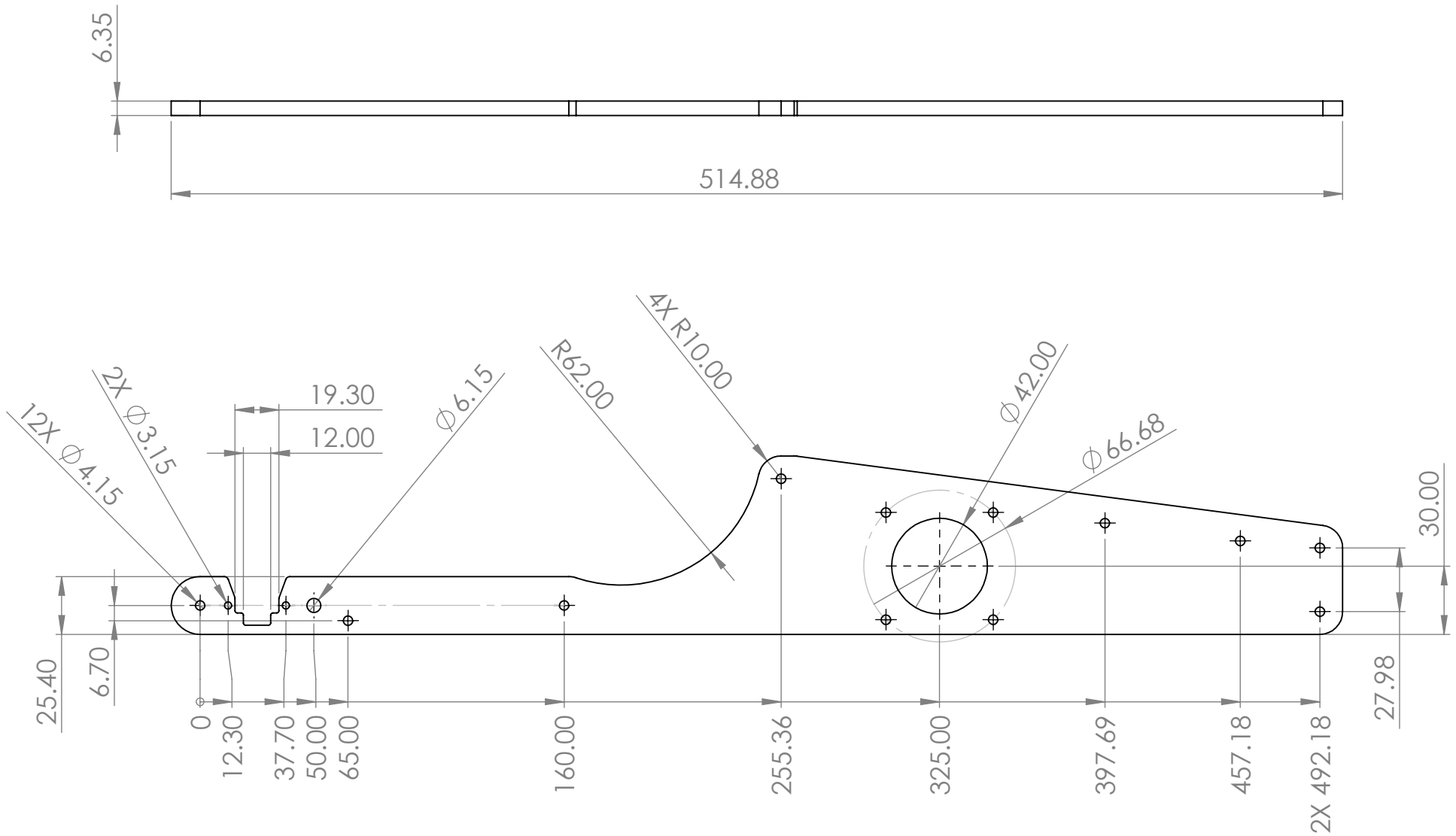
SCALE 1:2

# LEVER ARM



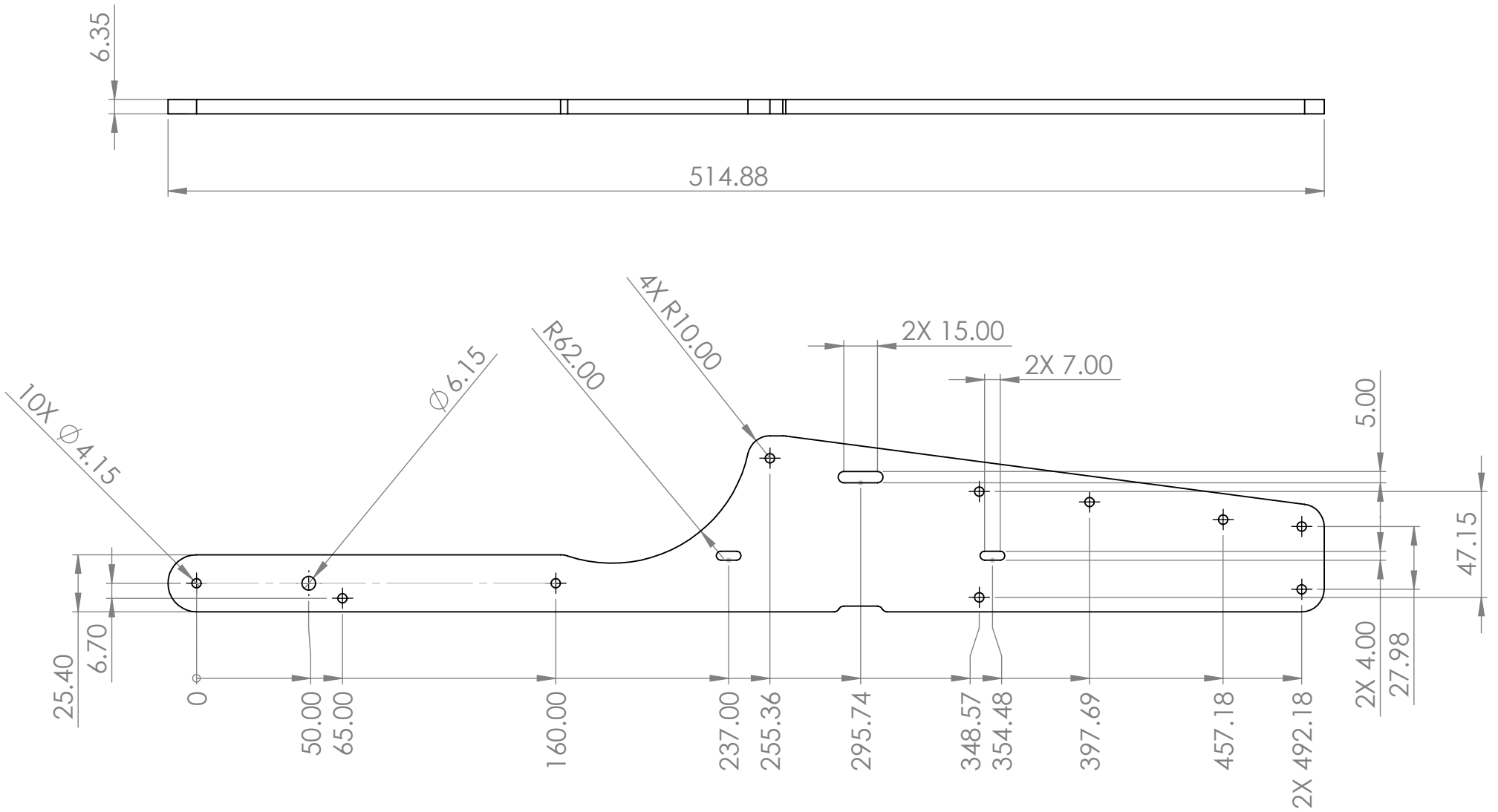
SCALE 1:2

# BASE



SCALE 1:2.5

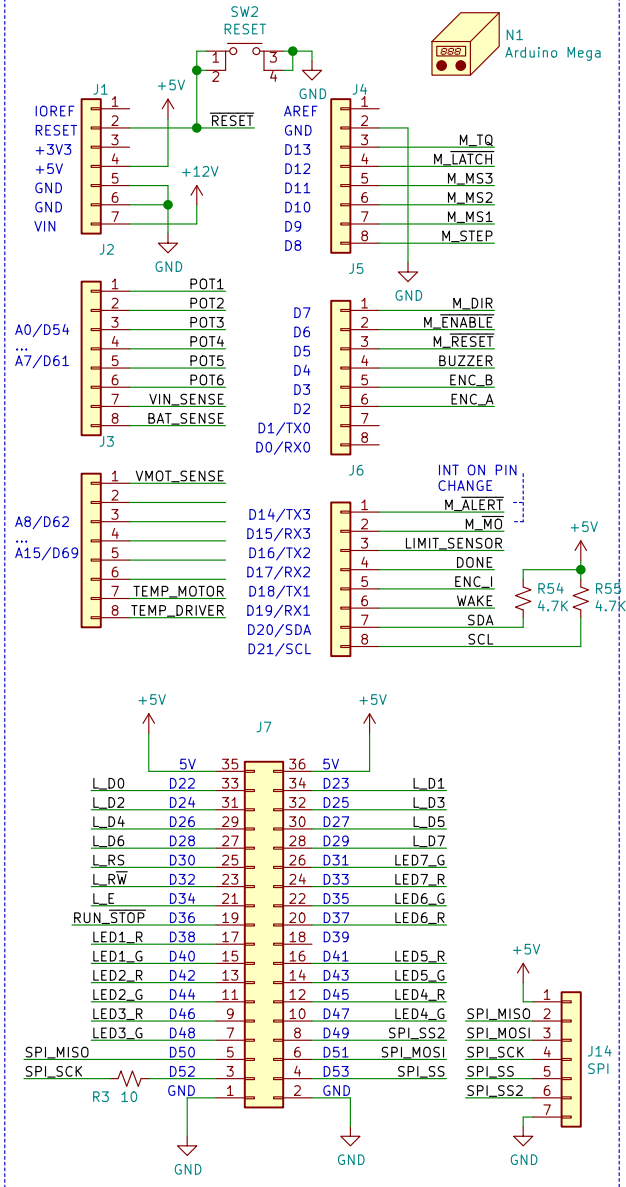
# BASE



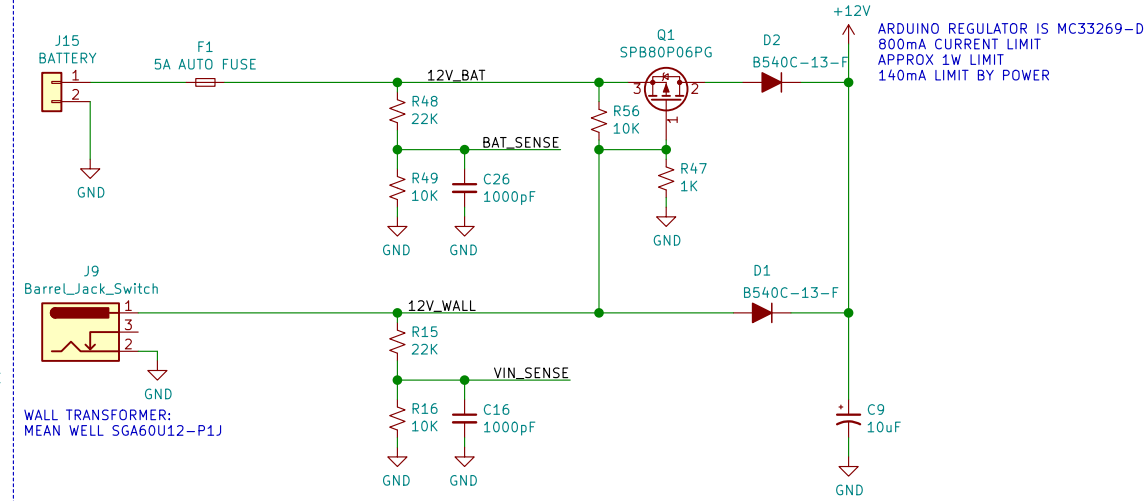
SCALE 1:2.5

# MADvent

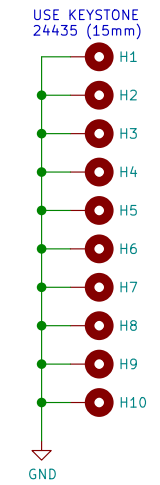
## ARDUINO MEGA 2560



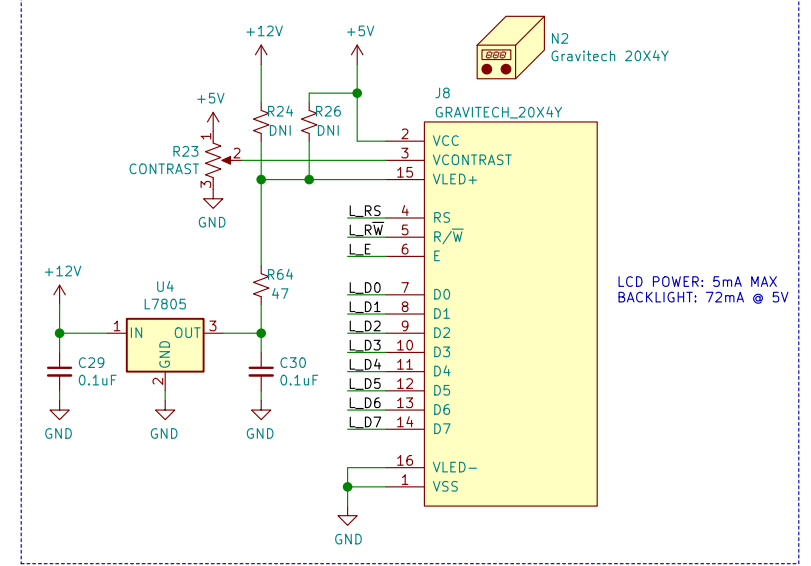
## POWER AND BACKUP CIRCUIT



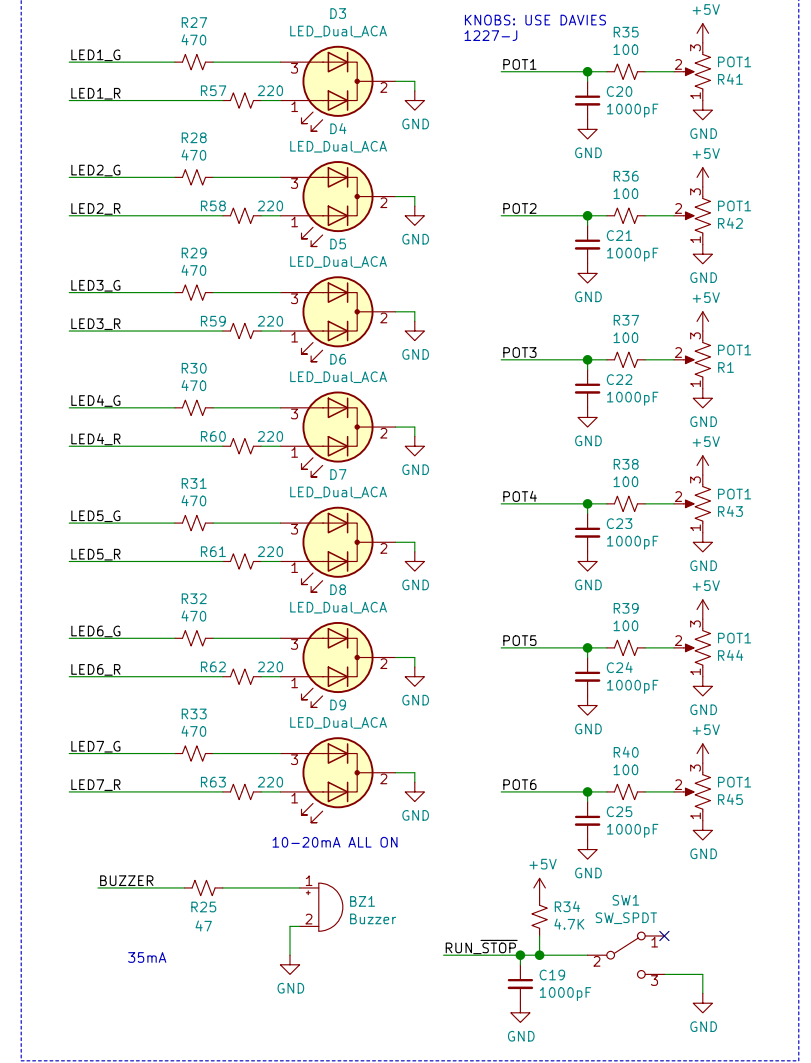
## MOUNTING HOLES



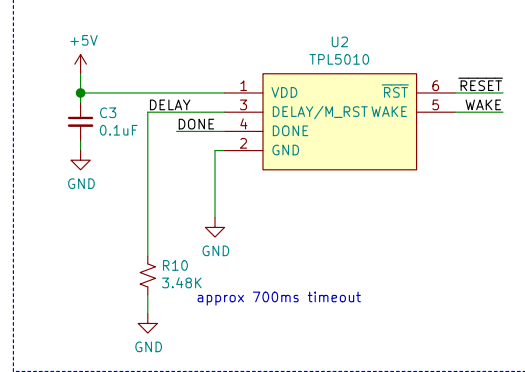
## LCD DISPLAY AND CONTRAST CONTROL



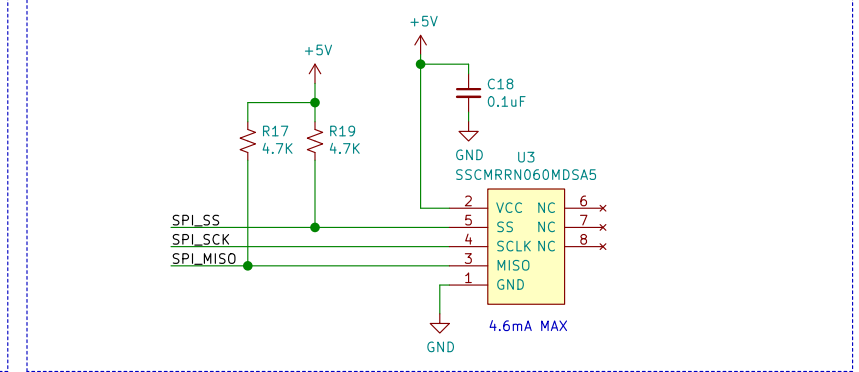
## LIGHTS, POTS, SWITCH, BUZZER



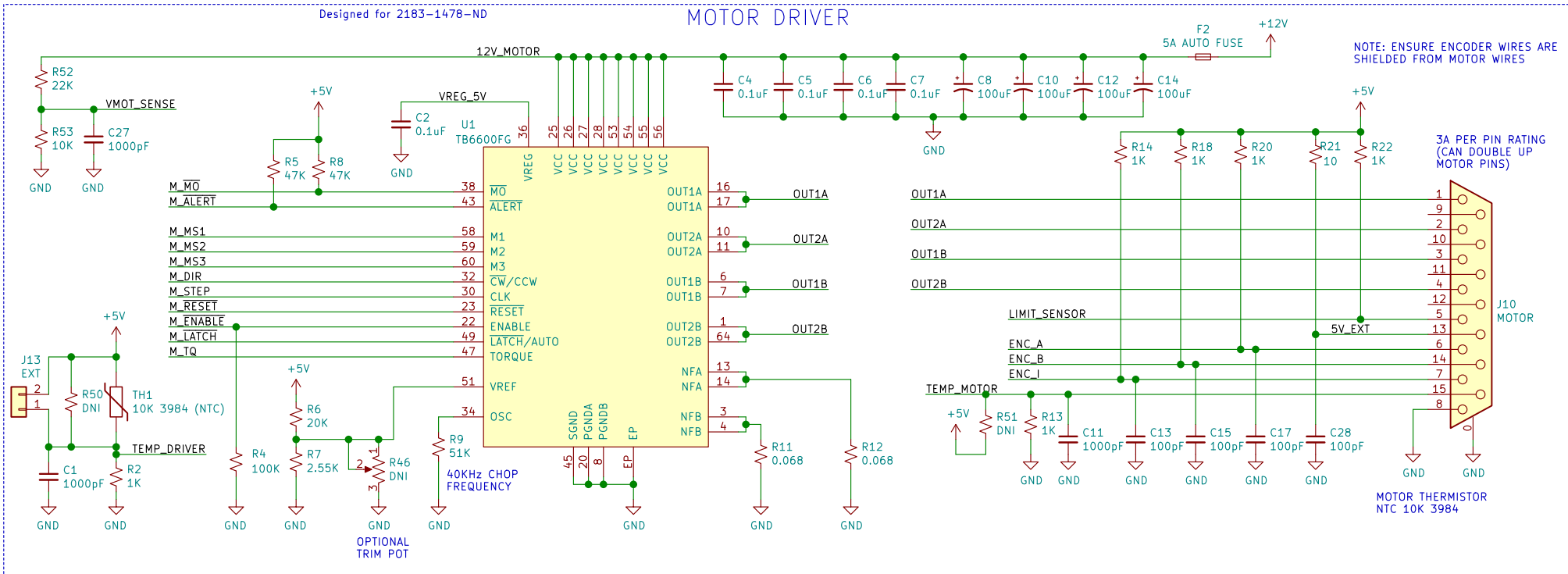
## WATCH DOG



## DIFFERENTIAL PRESSURE SENSOR



## MOTOR DRIVER



ALL RESISTORS 1% UNLESS OTHERWISE NOTED

Sheet: /	File: Ventilator.sch
<b>Title:</b>	
Size: A3	Date:
KiCad E.D.A. kicad (5.1.0)-1	Rev: Id: 1/1