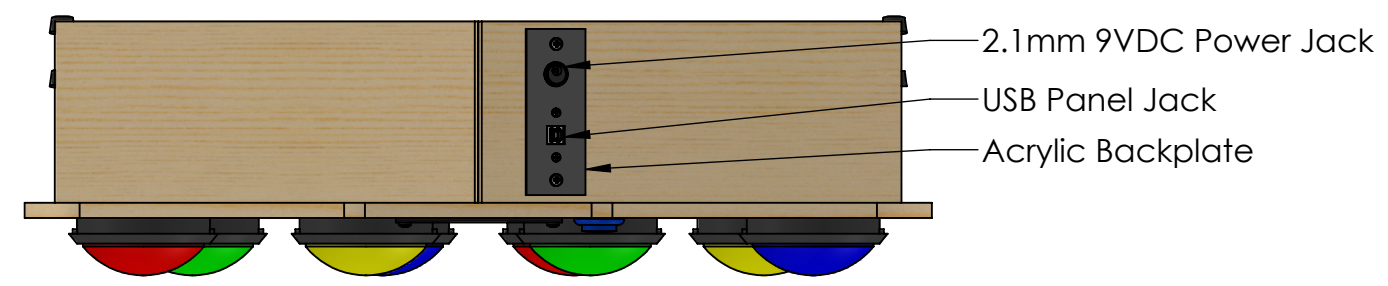


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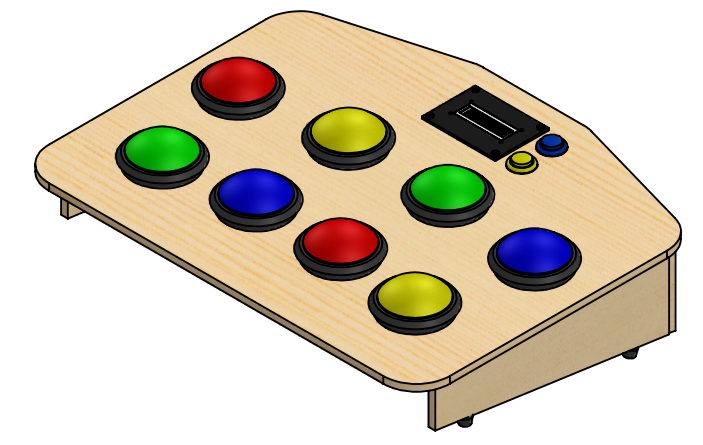
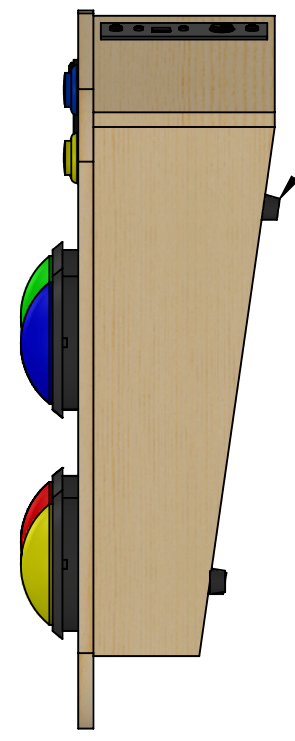
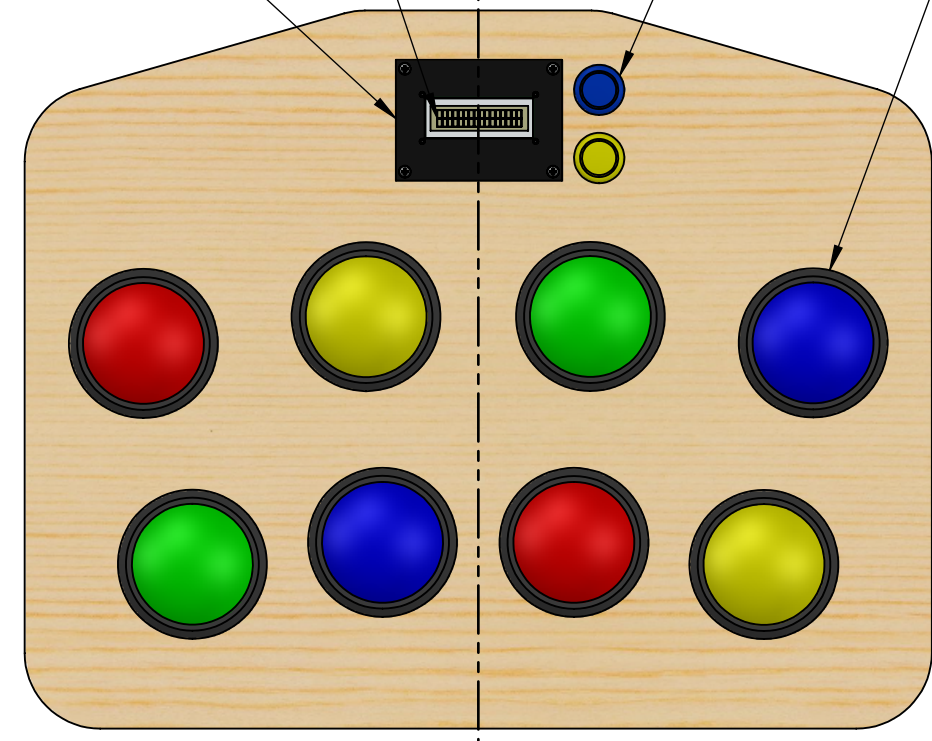
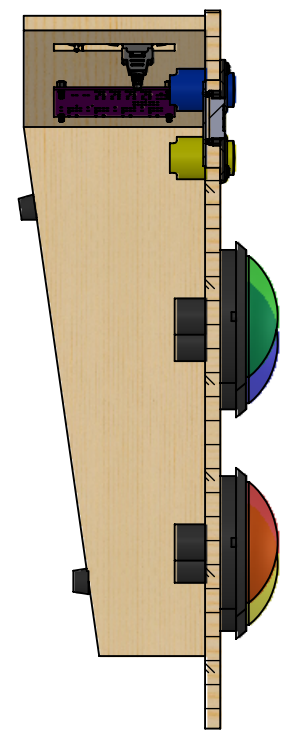
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1



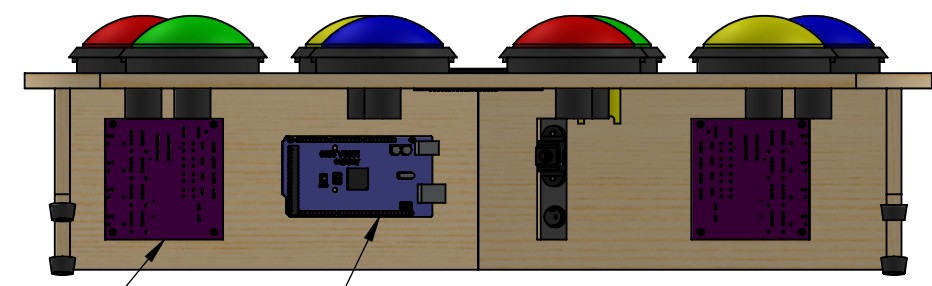
16x2 RGB LCD Display
Acrylic Faceplate
2X 30mm Arcade Buttons
8X 100mm Arcade Buttons

4X Rubber Feet



SECTION A-A

2X Custom Controller PCBs
Arduino Mega 2560 R3



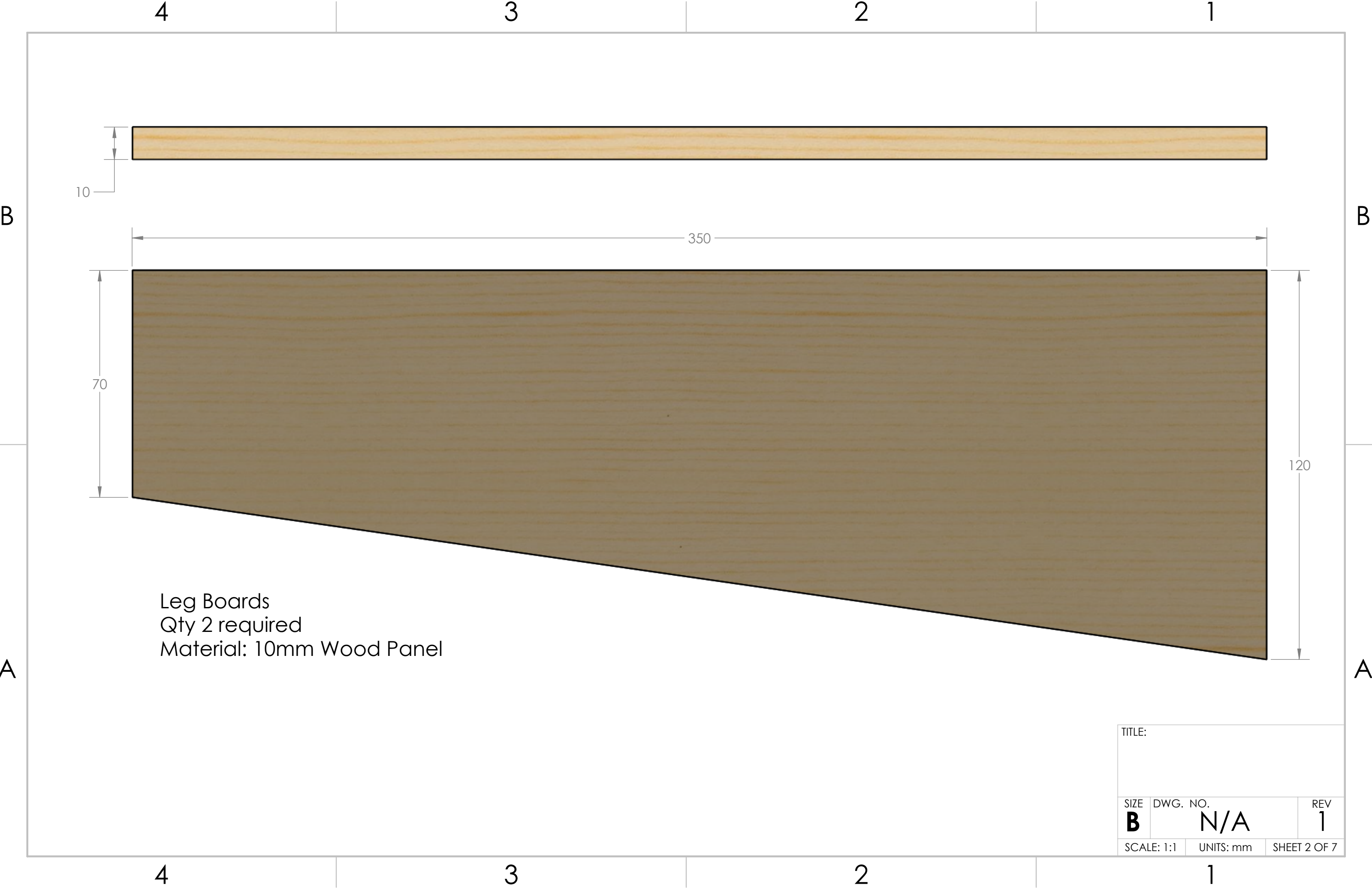
TITLE: Game Board Assembly			
SIZE B	DWG. NO. N/A	REV 1	
SCALE: 1:5	UNITS: mm	SHEET 1 OF 7	

4

3

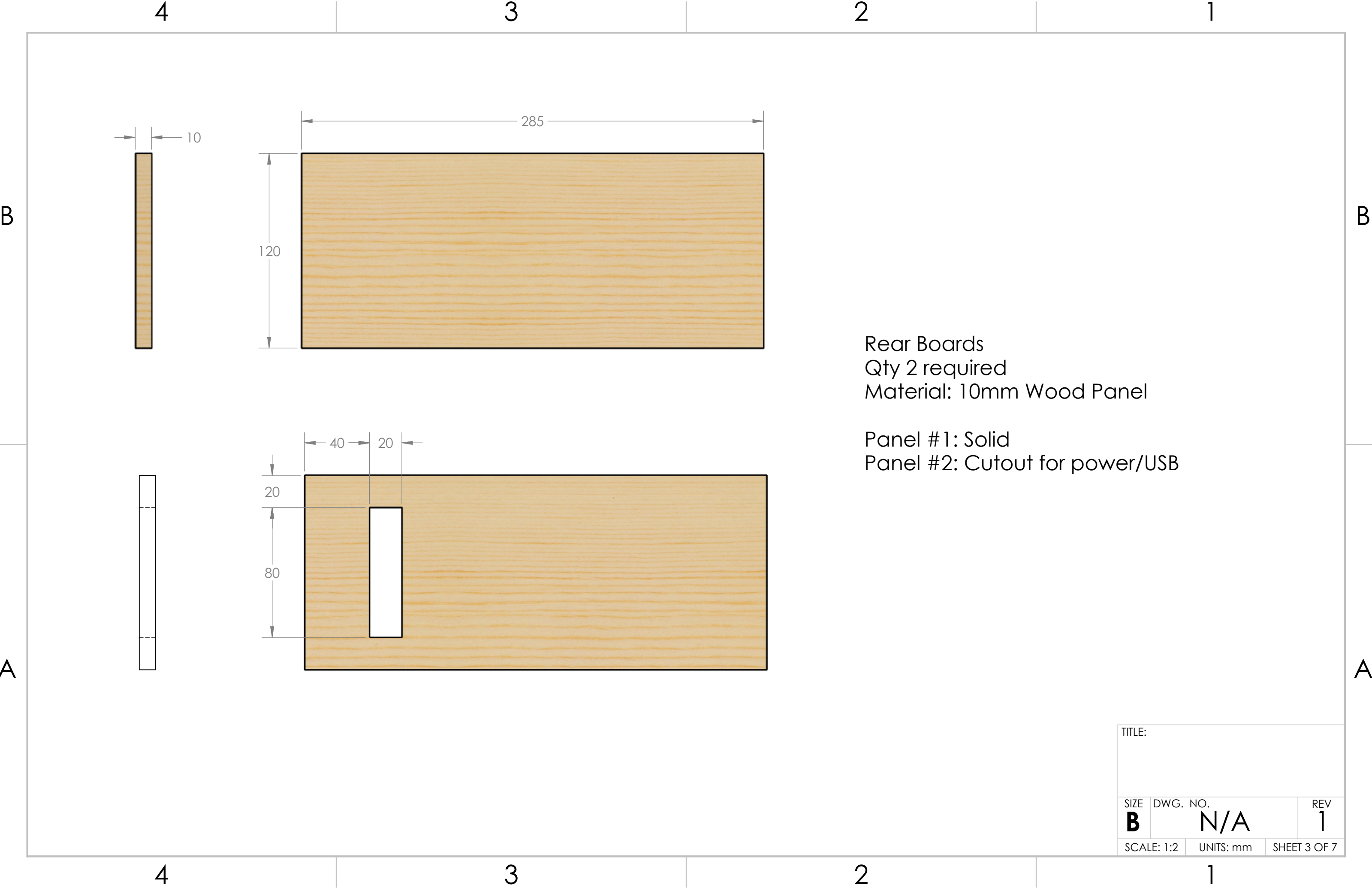
2

1



Leg Boards
Qty 2 required
Material: 10mm Wood Panel

TITLE:		
SIZE	DWG. NO.	REV
B	N/A	1
SCALE: 1:1	UNITS: mm	SHEET 2 OF 7



Rear Boards
Qty 2 required
Material: 10mm Wood Panel

Panel #1: Solid
Panel #2: Cutout for power/USB

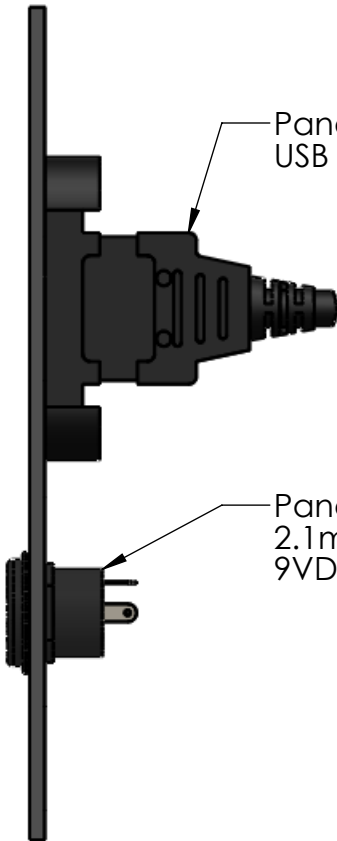
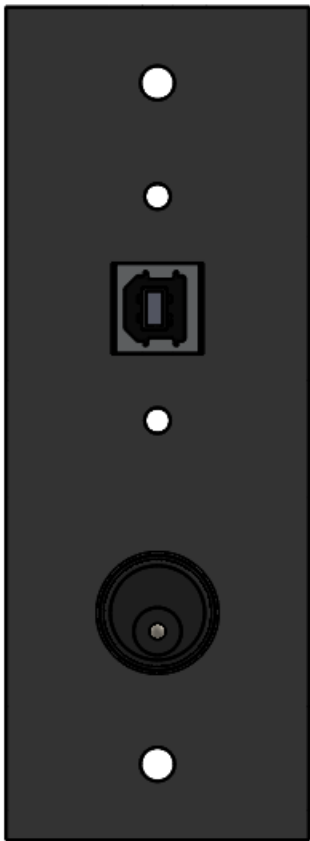
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3

2

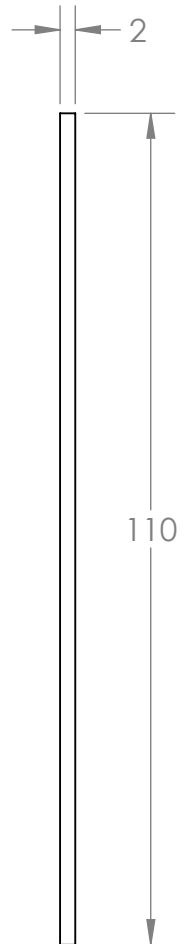
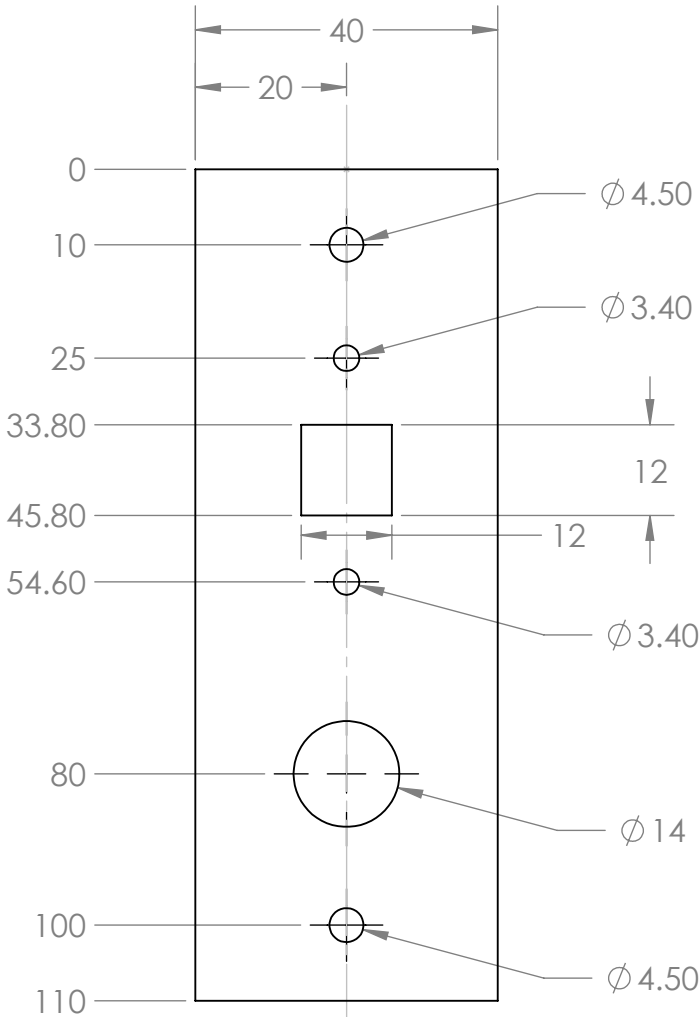
1

B



Panel-mount
USB Type B Female

Panel-mount
2.1mm Barrel Jack
9VDC Power



Backplate Panel
Material: Black Acrylic / Plexiglas

TITLE:			
SIZE	DWG. NO.	REV	
B	N/A	1	
SCALE: 1:2	UNITS: mm	SHEET 4 OF 7	

4

3

2

1

A

A

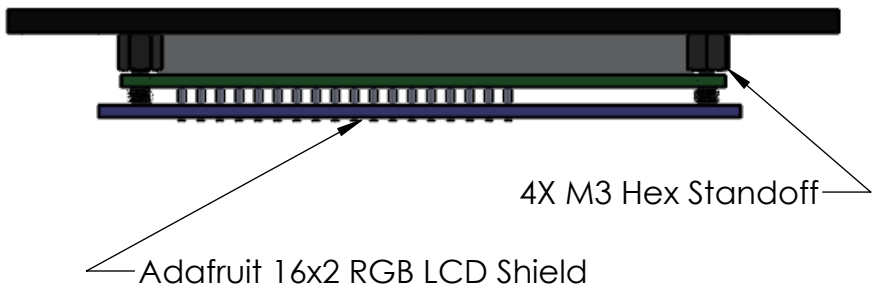
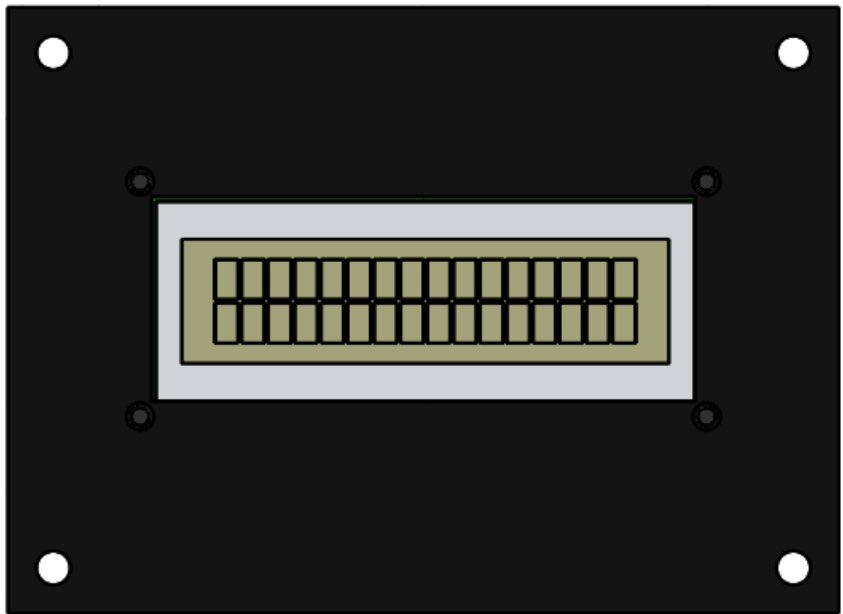
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3

2

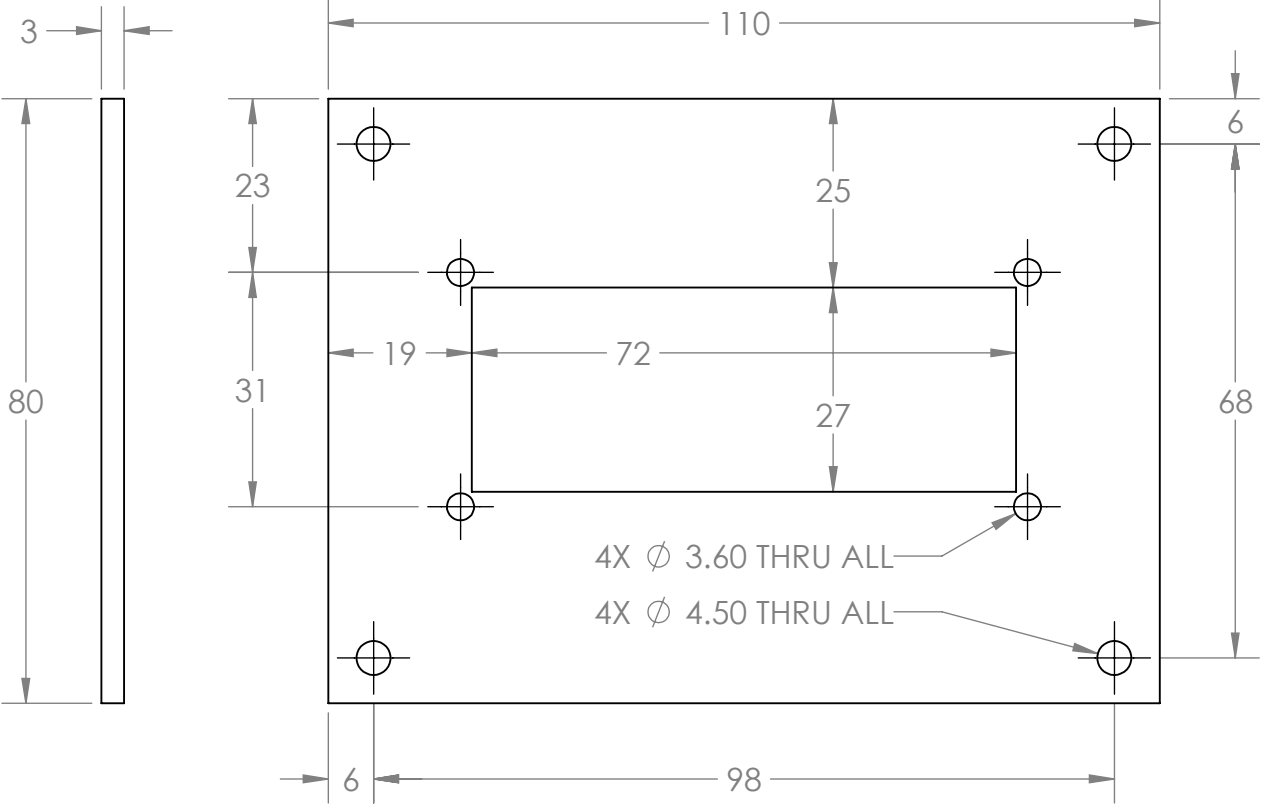
1

B



4X M3 Hex Standoff

Adafruit 16x2 RGB LCD Shield



Faceplate Panel
Material: Black Acrylic / Plexiglas

TITLE:		
SIZE	DWG. NO.	REV
B	N/A	1
SCALE: 1:2	UNITS: mm	SHEET 5 OF 7

4

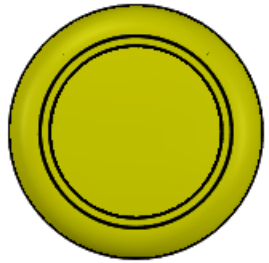
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2

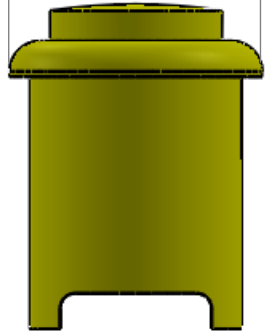
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A

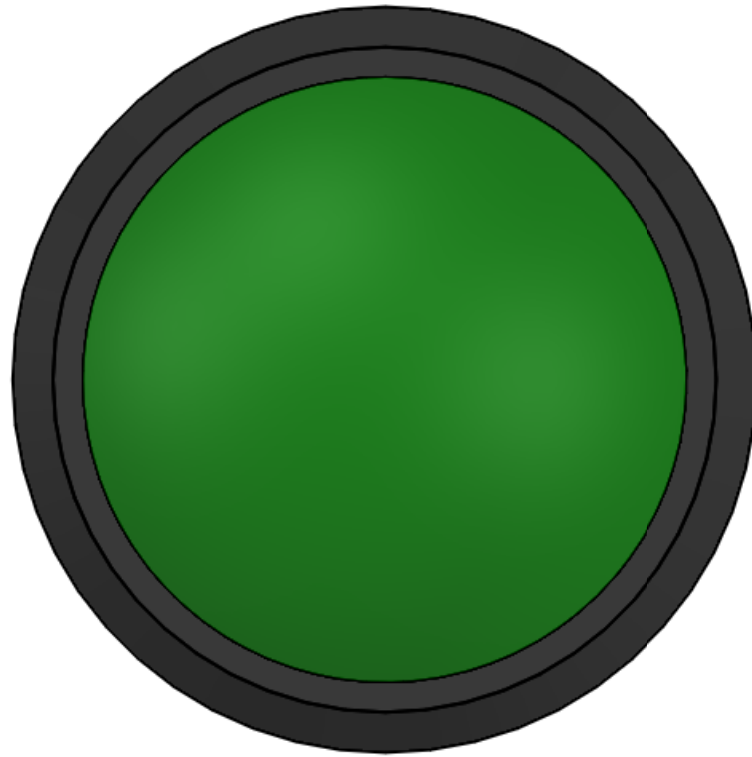
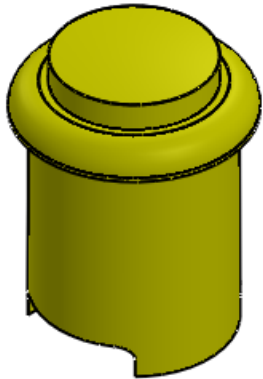
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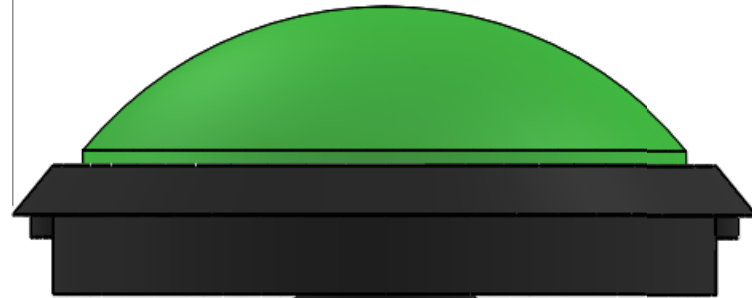
Ø 33.30



Ø 28



Ø 98.50



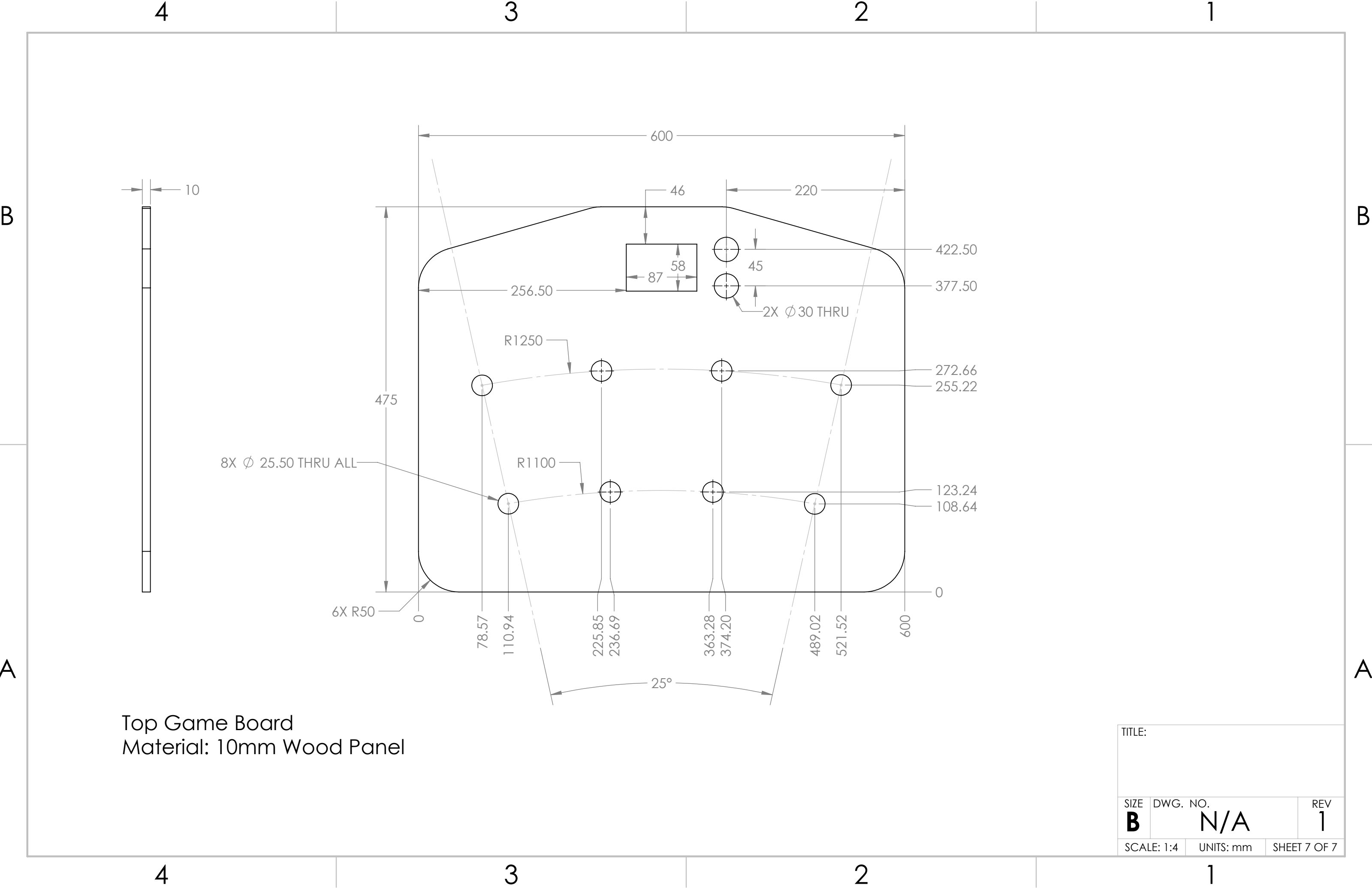
Ø 24



Adafruit 30mm Arcade Buttons
Colors: 1 each Yellow and Blue
LED-Lit clear buttons

Adafruit 100mm Arcade Buttons
Colors: 2 each Yellow, Blue, Red, Green
LED-Lit clear buttons

TITLE:			
SIZE	DWG. NO.	REV	
B	N/A	1	
SCALE: 1:1	UNITS: mm	SHEET 6 OF 7	



Top Game Board
Material: 10mm Wood Panel

TITLE:		
SIZE B	DWG. NO. N/A	REV 1
SCALE: 1:4	UNITS: mm	SHEET 7 OF 7