

D

## NOTES:

1. ASSEMBLE AS SHOWN
2. HAMMER BEND, FILE TO FIT. DRILL PILOT HOLES WHERE NECESSARY

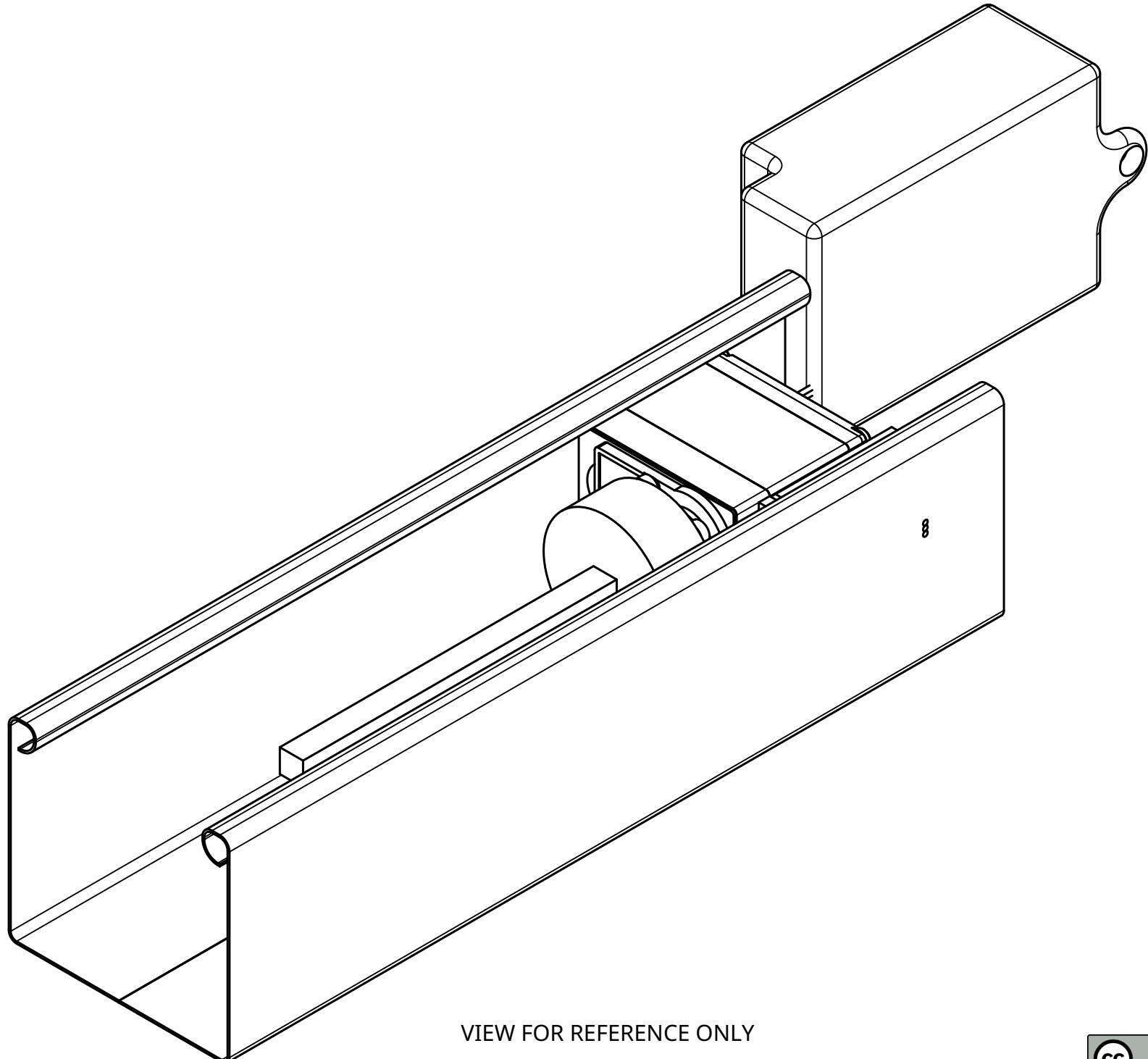
ASSEMBLY AND CUSTOM PARTS PROTECTED BY A CREATIVE COMMONS,  
ATTRIBUTION 4.0, CC-BY 4.0 LICENSE. ALL OTHER PARTS ARE PROPERTY OF  
THEIR RESPECTIVE OWNERS.

## CC-BY-4.0 - DETAILS:

<https://creativecommons.org/licenses/by/4.0/>

## PARTS LIST

FIND NO	QTY	DESCRIPTION
1	1	2IN BLINDS
2	1	TILT BLOCK (SHEET 3)
3	1	ADAFRUIT TRINKET PRO (5V)
4	1	BASE BLOCK/STAND (SHEET 4)
5	1	TOWER PRO MG946R SERVO
6	1	MONOPRICE Z WAVE CURTAIN MODULE
7	2	SERVO SCREW (PROVIDED W/SERVO)
8	1	3X1 RIGHT ANGLE HEADER PINS
9	3	RESISTOR, 10K OHM
10	1	NO. 2 WOOD SCREW (1/4IN LENGTH)
11	1	MICRO USB CABLE (10FT)
12	1	2X1 STRAIGHT PIN HEADER
13	6	NO. 2 WOOD SCREW (3/8IN LENGTH)
14	1	STAR SHAPED SERVO HORN



VIEW FOR REFERENCE ONLY

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS  
ANGULAR  $\angle = \pm 1^\circ$   
SURFACE FINISH  $\sqrt{128}$

DRAWN Trae Blain 12/15/2016  
CHECKED  
APPROVED

DO NOT SCALE DRAWING  
BREAK ALL SHARP EDGES AND  
REMOVE BURRS (.002)

THIRD ANGLE PROJECTION  
MATERIAL FINISH



TRAEBLAIN DESIGN  
TEXAS, UNITED STATES OF AMERICA

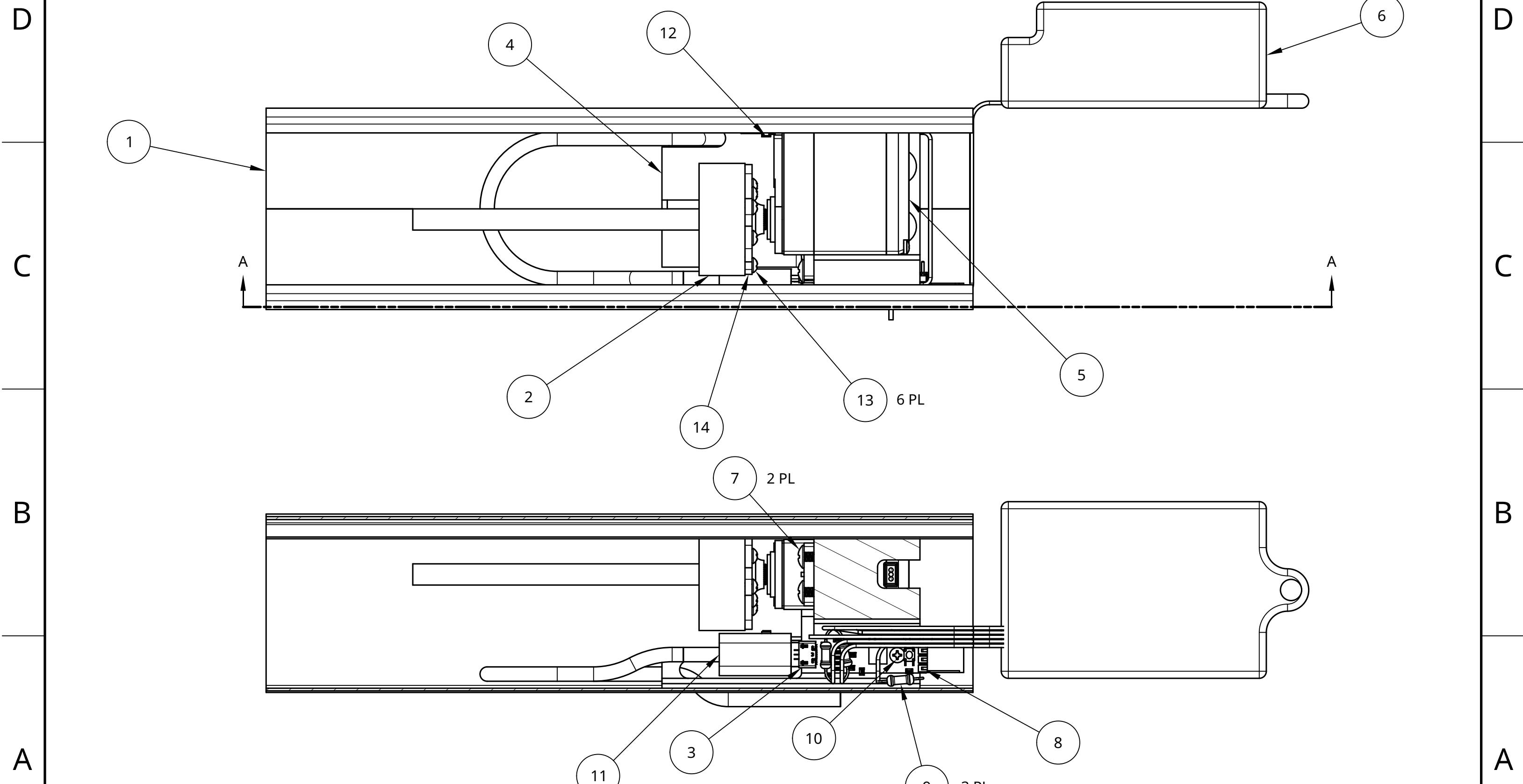
Automated Blinds Assembly

TMB-001



1 of 4

4 3 2 1



SECTION A - A

4 3 2 1

4

3

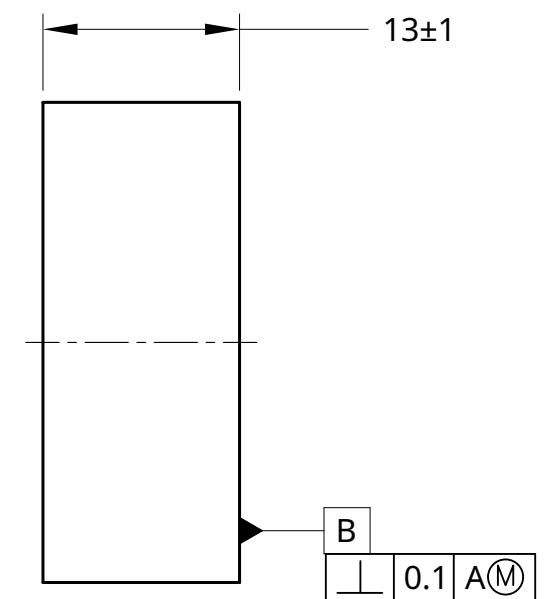
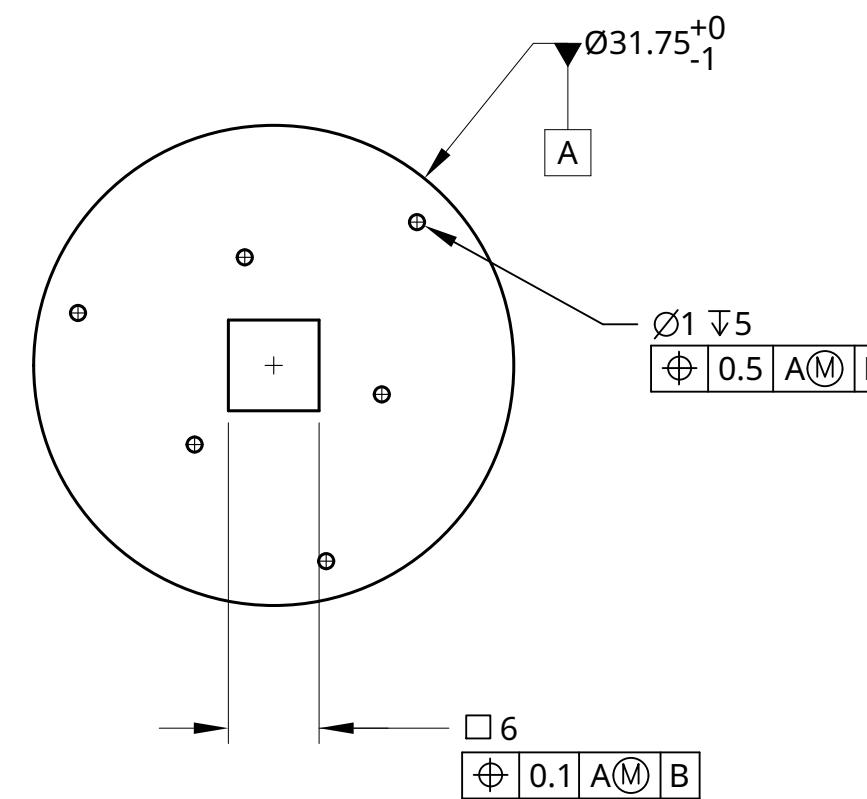
2

1

COPYLEFT - CC-BY-4.0 - SEE SHEET 1

## NOTES:

1. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE  
 $\pm .1$
2. MATERIAL: WOOD DOWEL (1.25IN DIAMETER)



TILT BLOCK

4

3

2

1

4

3

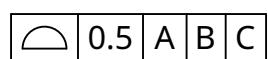
2

1

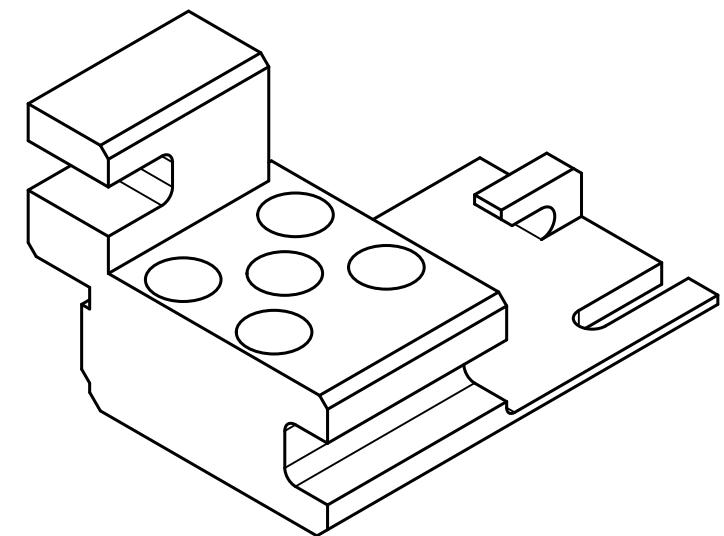
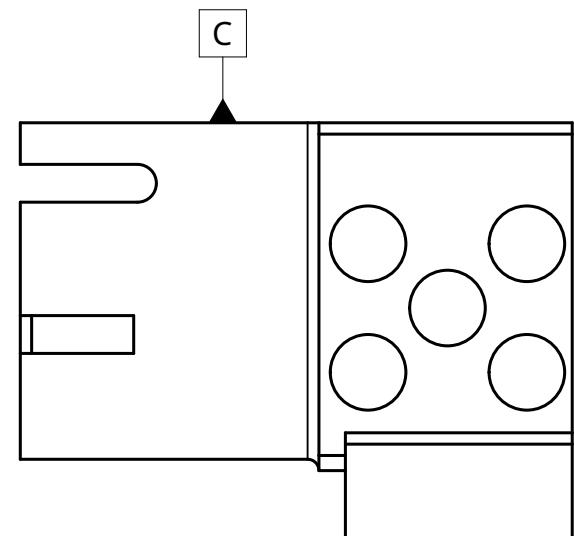
COPYLEFT - CC-BY-4.0 - SEE SHEET 1

## NOTES:

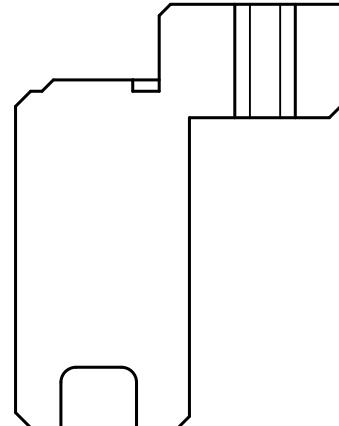
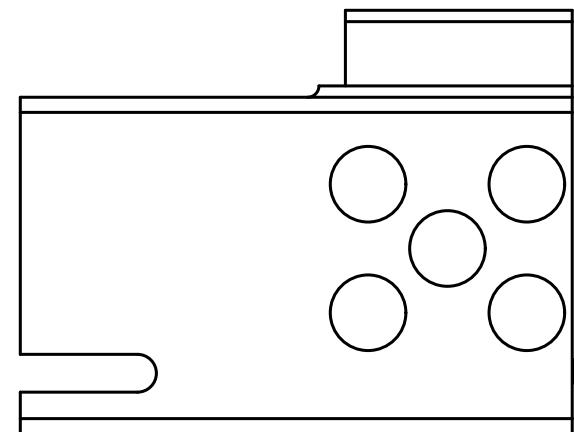
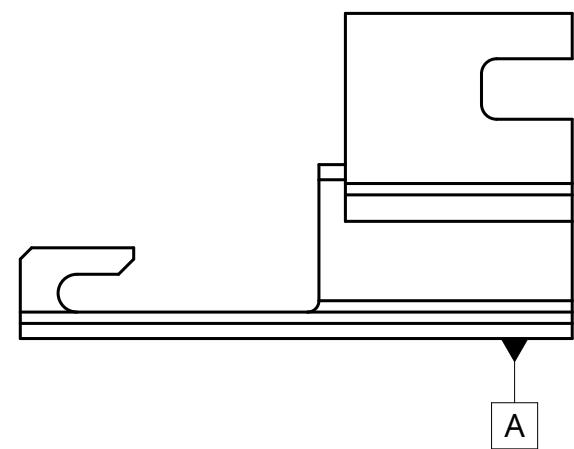
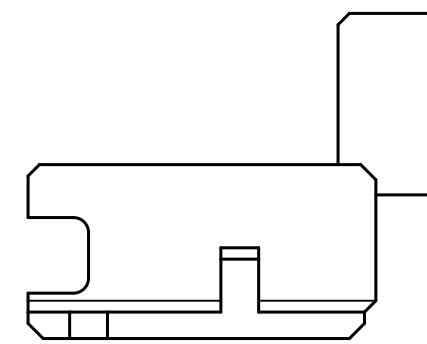
1. ALL FEATURES ARE BASIC TO:



2. MATERIAL: ABS PLASTIC (PROCESS: FDM)  
50% IN-FILL, 4 PERIMETERS



VIEW FOR REFERENCE ONLY



4

3

2

1