

ITEM NO.	PART NUMBER	QTY.
1	Electronic Enclosure	1
2	Limit Switch Stand	1
4	Stepper Mount Stand	1
6	ASM X-Axis	1
7	Leveling Feet	4
8	encoder	1
9	Encoder Mount	1
10	Limit Switch Spacer	1
11	Pendulum Mass	1
12	Encoder Pendulum Mount	1
13	Dowel	1
15	Extrusion Limit Dowel Mount	1
16	Dowel Limit Mount	1
17	Dowel Limit Pusher	1
18	.5in Dowel	2
19	Dowel Limit Pusher 2	1
20	Button Shroud	2

Designer
Jack Nguyen

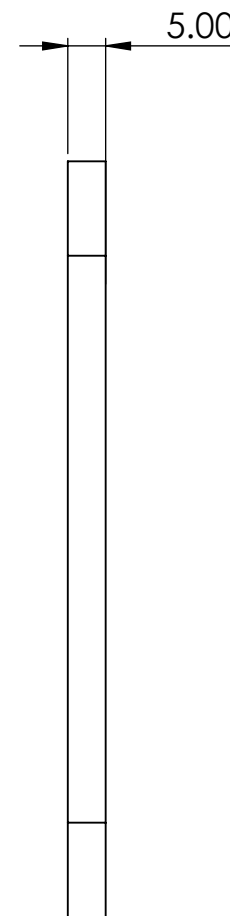
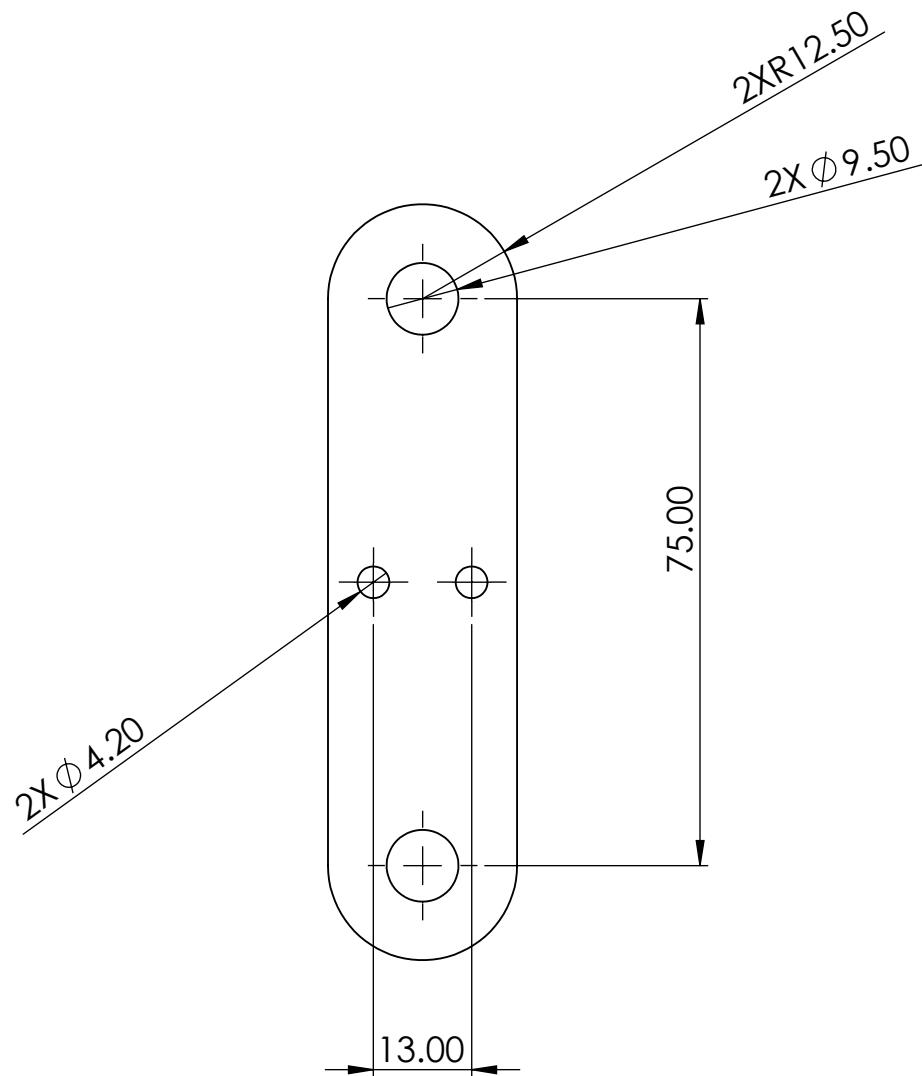
SHEET #
1 of 10

SIZE
A

SCALE
1:4

UNIT
METRIC

DWG. NAME
Inverted Pendulum Assembly



Designer
Jack Nguyen

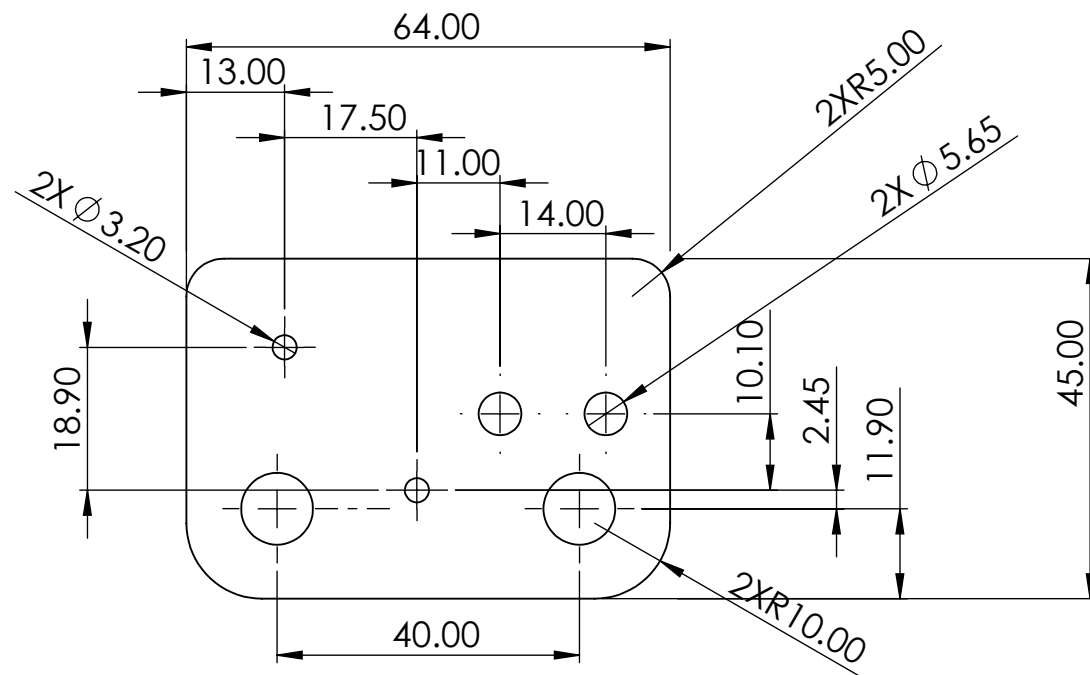
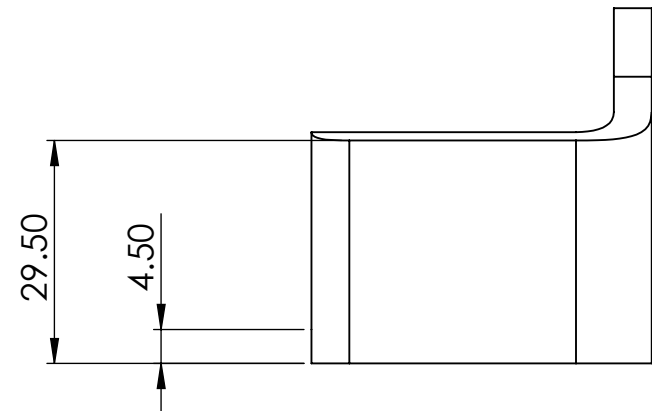
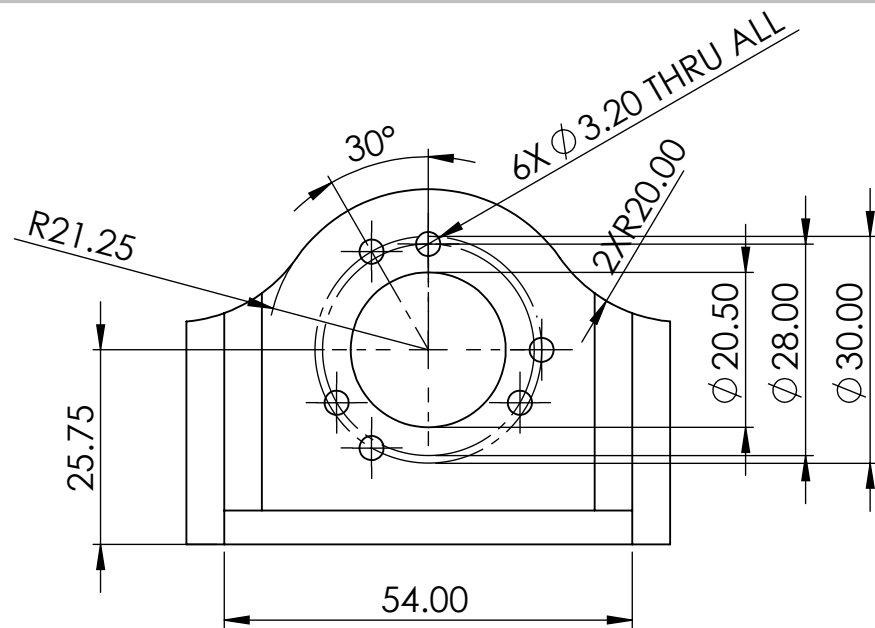
SHEET #
2 of 10

SIZE
A

SCALE
1:1

UNIT
METRIC

DWG. NAME
Limit Switch Stand



Designer
Jack Nguyen

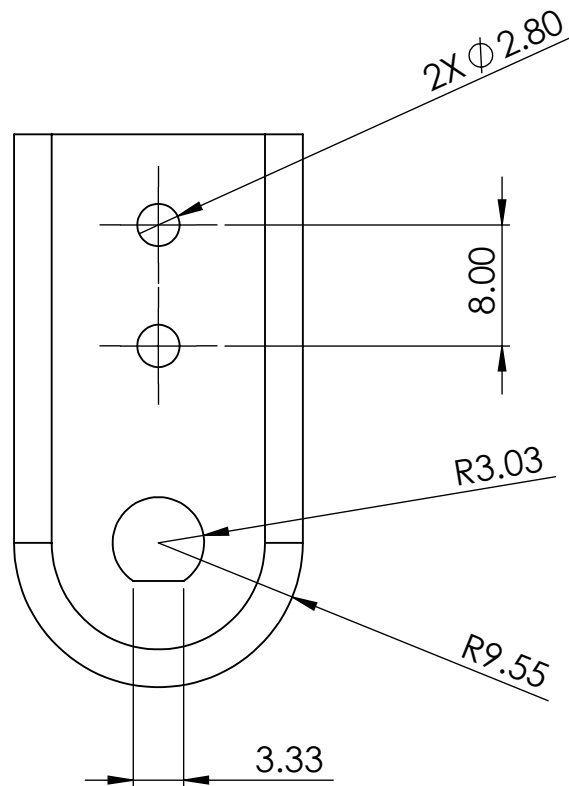
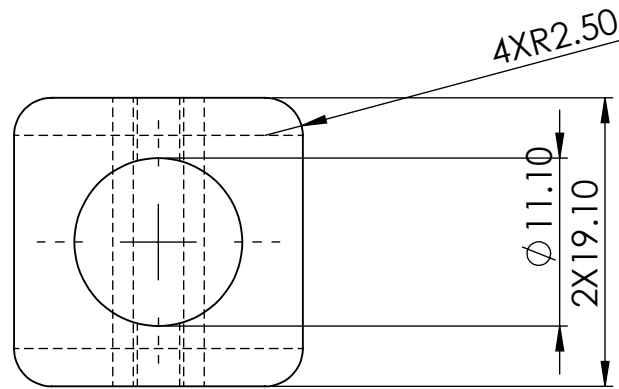
SHEET #
3 of 10

SIZE
A

SCALE
1:1

UNIT
METRIC

DWG. NAME
Encoder Mount



Designer
Jack Nguyen

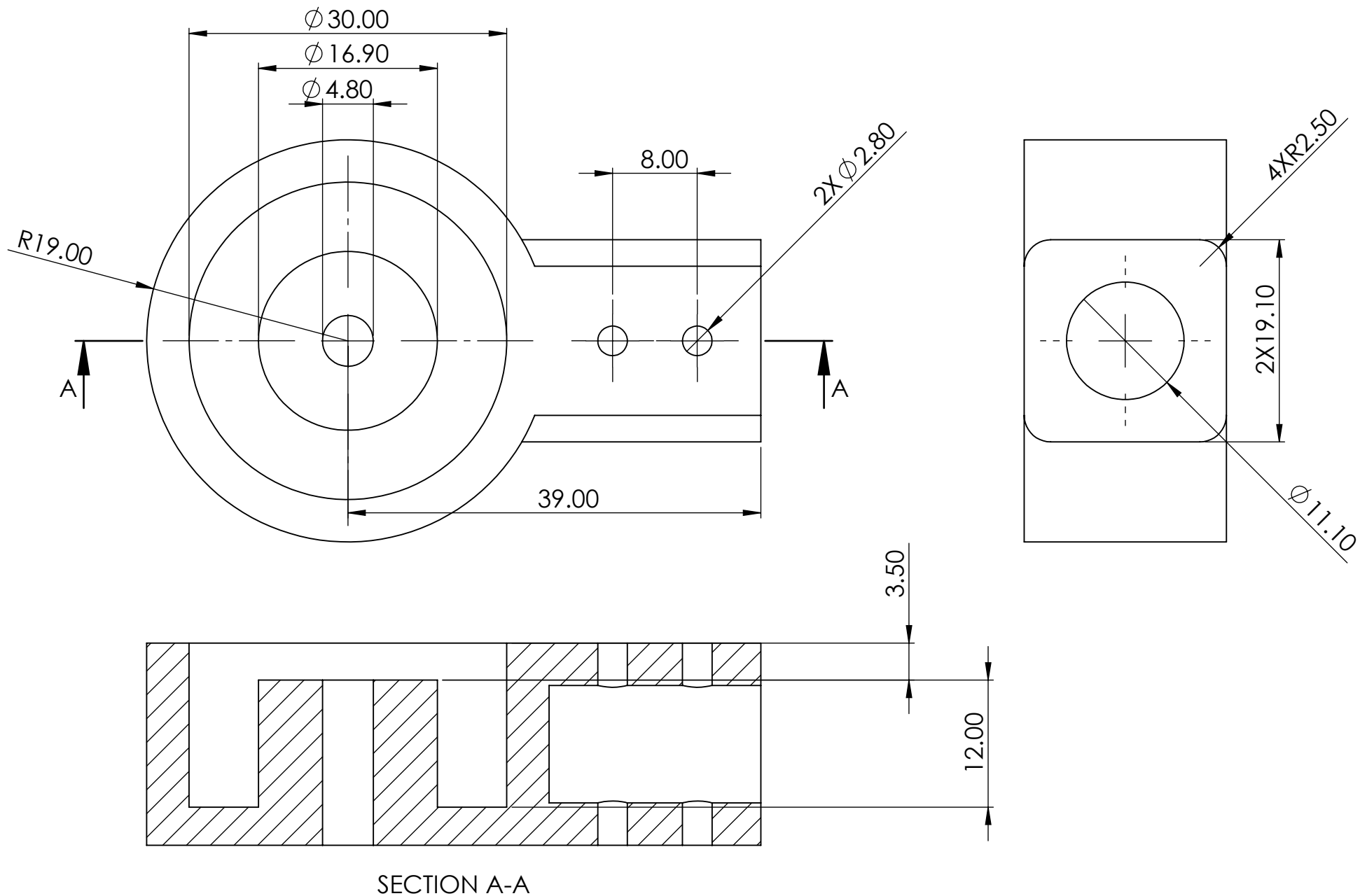
SHEET #
4 of 10

SIZE
A

SCALE
2:1

UNIT
METRIC

DWG. NAME
Encoder Pendulum Mount



Designer
Jack Nguyen

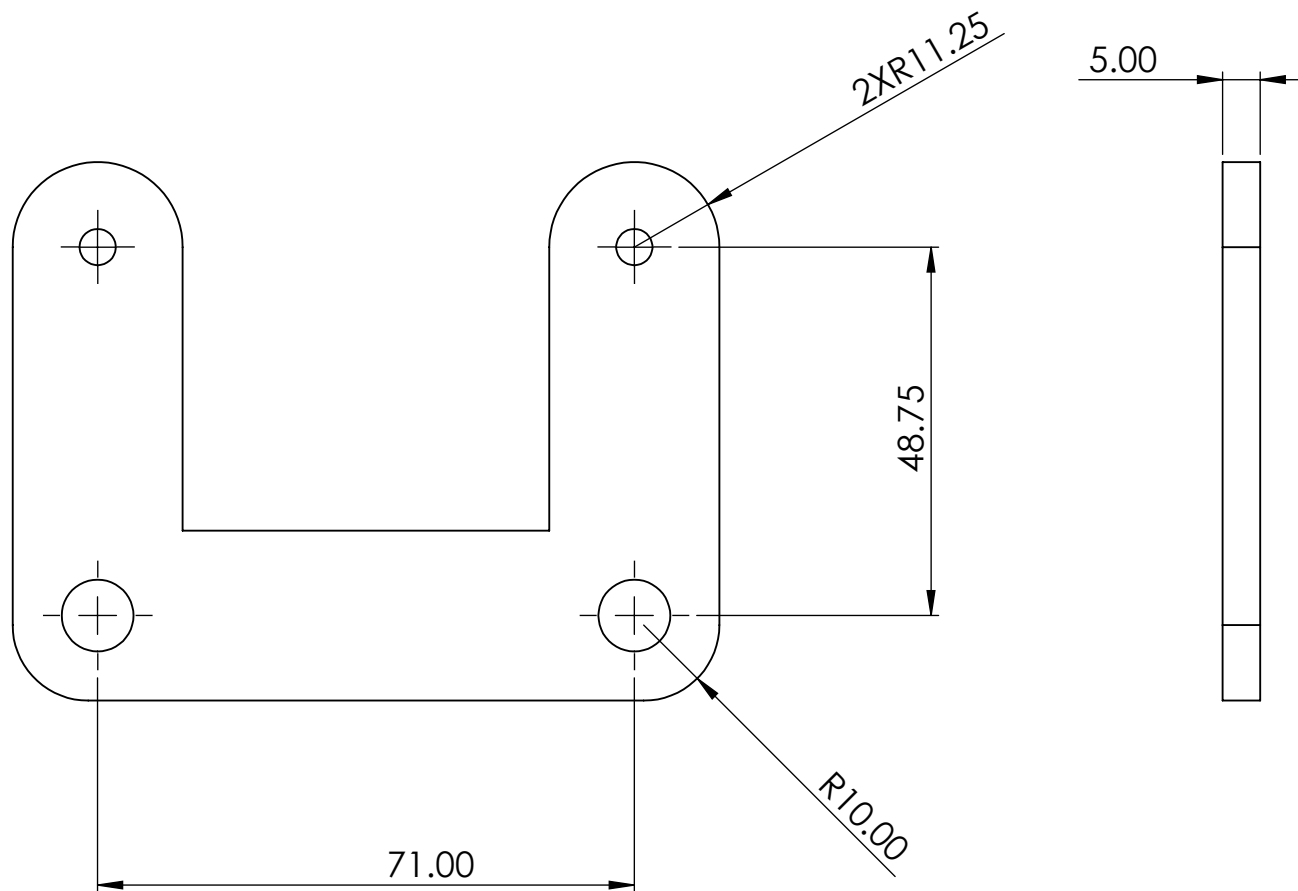
SHEET #
5 of 10

SIZE
A

SCALE
2:1

UNIT
METRIC

DWG. NAME
Pendulum Mass



Designer
Jack Nguyen

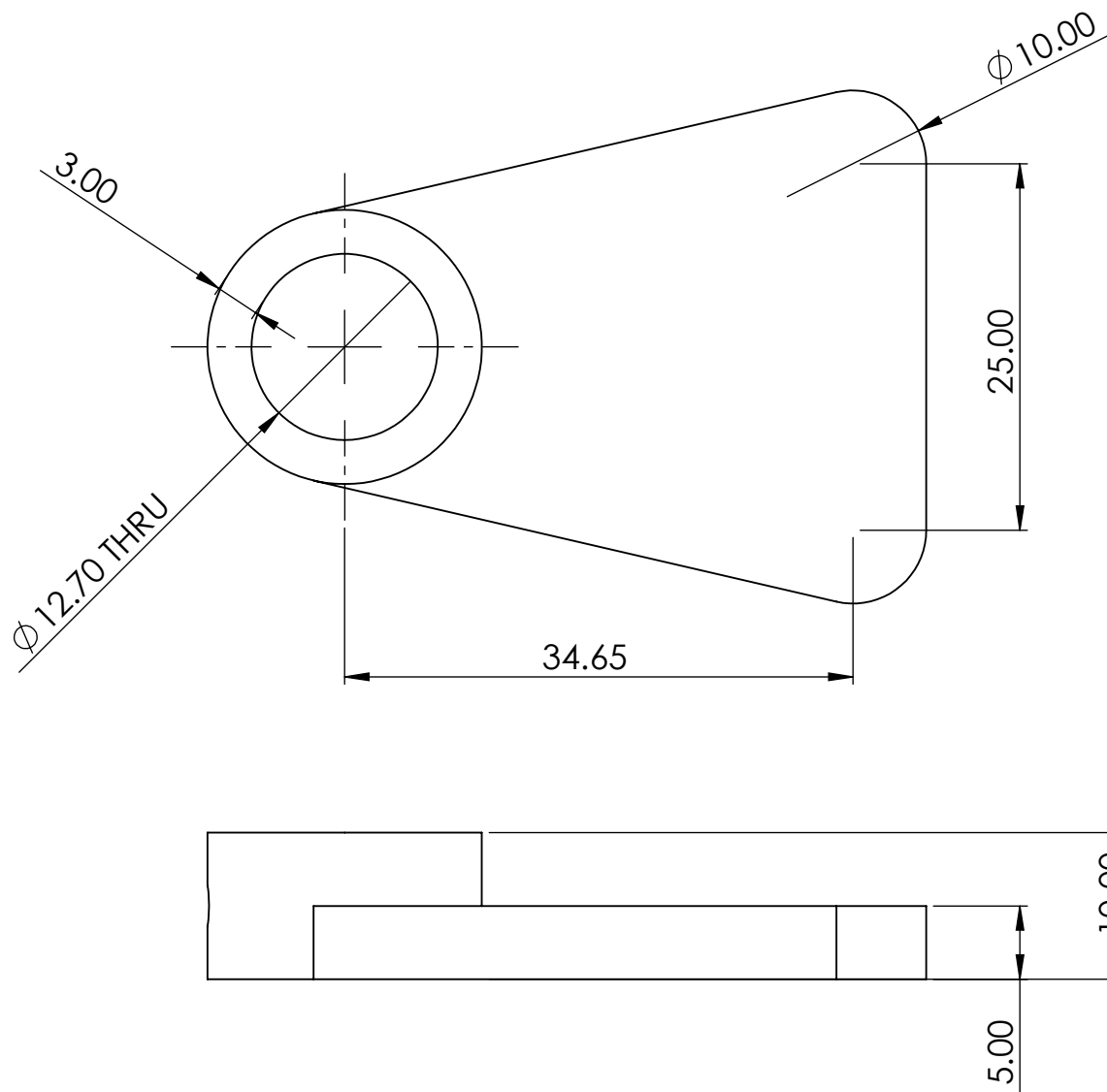
SHEET #
6 of 10

SIZE
A

SCALE
1:1

UNIT
METRIC

DWG. NAME
Stepper Mount Stand



Designer
Jack Nguyen

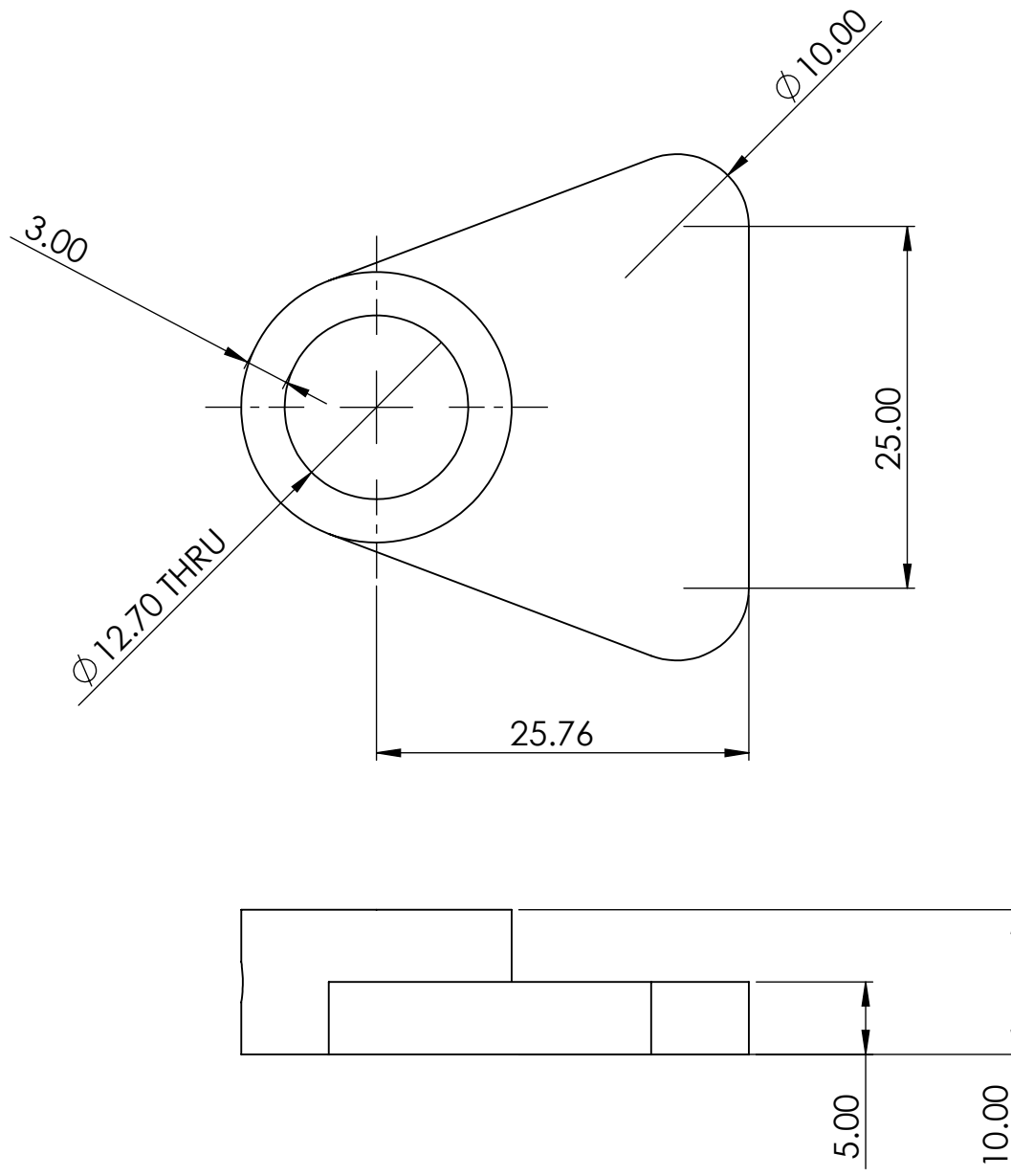
SHEET #
7 of 10

SIZE
A

SCALE
2:1

UNIT
METRIC

DWG. NAME
Dowel Limit Pusher



Designer
Jack Nguyen

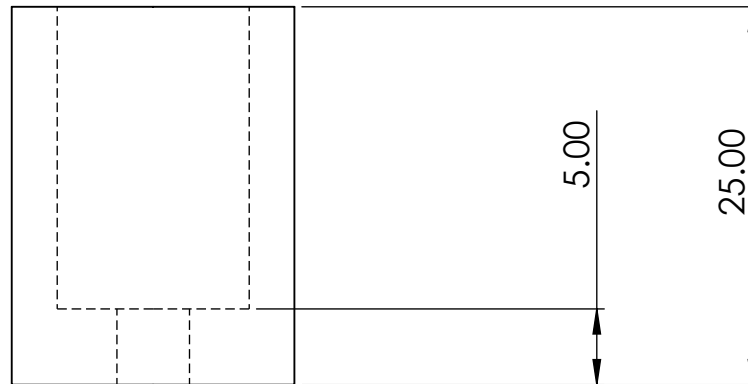
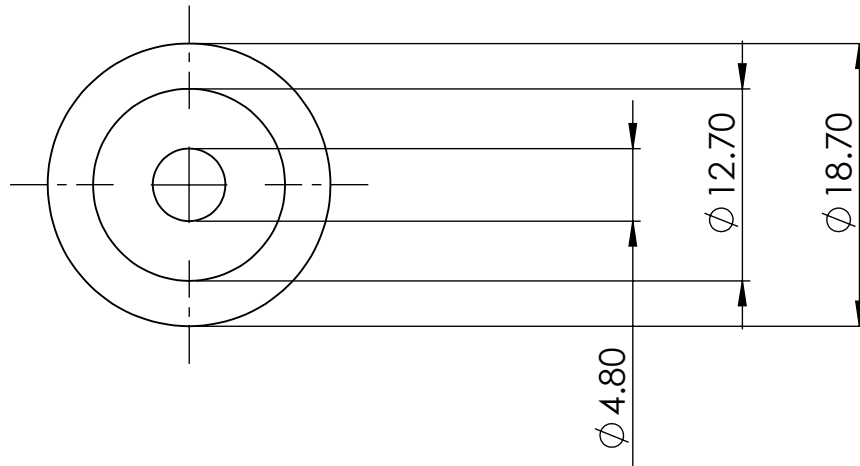
SHEET #
8 of 10

SIZE
A

SCALE
2:1

UNIT
METRIC

DWG. NAME
Dowel Limit Pusher 2



Designer
Jack Nguyen

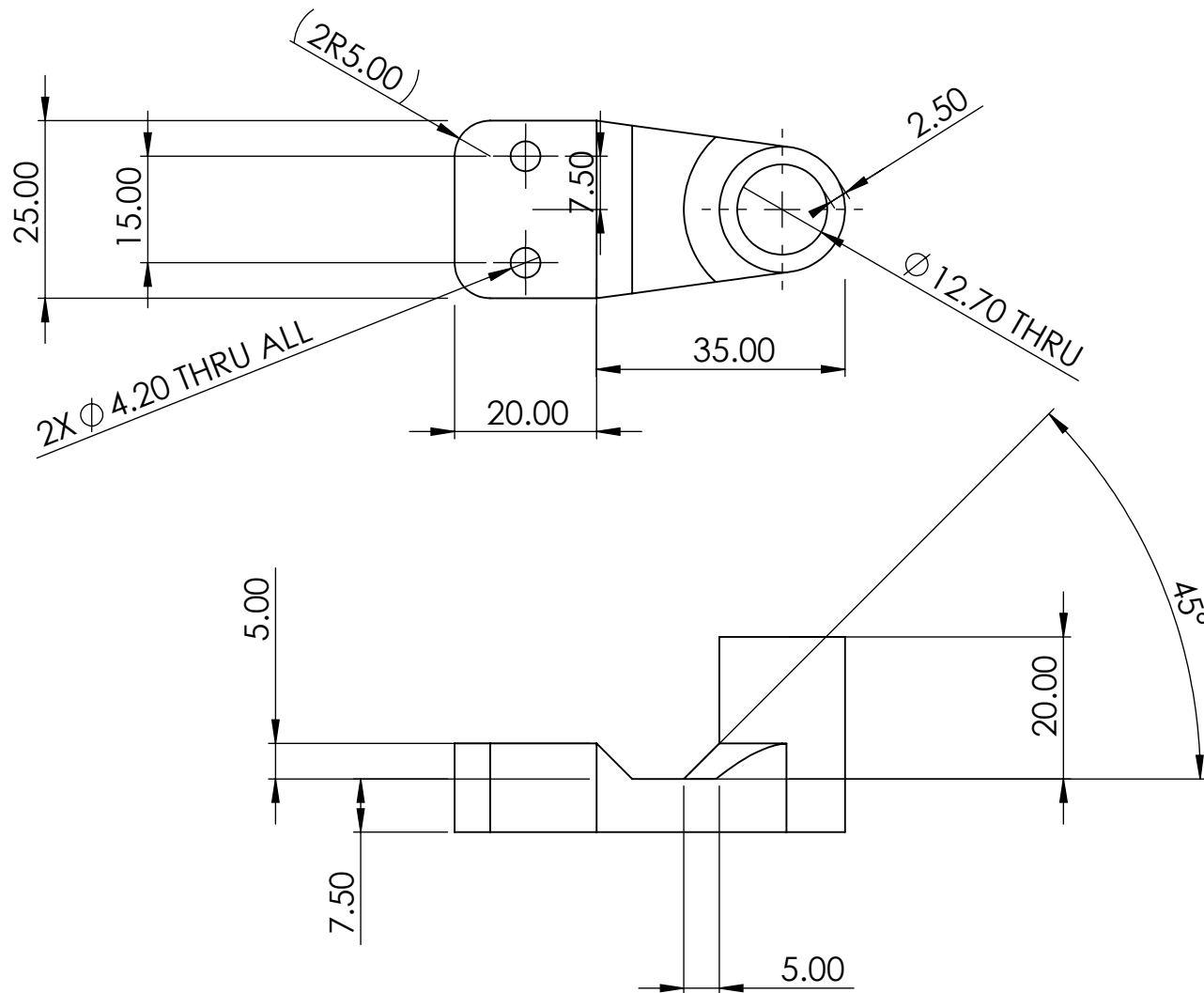
SHEET #
9 of 10

SIZE
A

SCALE
2:1

UNIT
METRIC

DWG. NAME
Dowel Limit Mount



Designer
Jack Nguyen

SHEET #
10 of 10

SIZE
A

SCALE
1:1

UNIT
METRIC

DWG. NAME
Extrusion Limit Dowel Mount