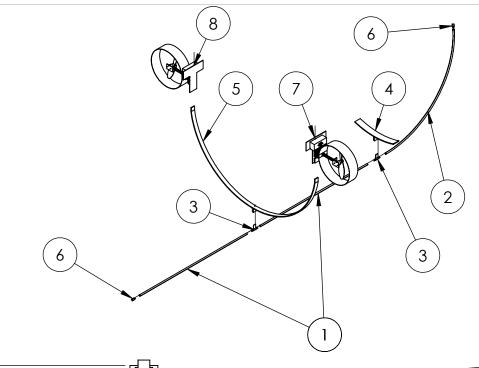
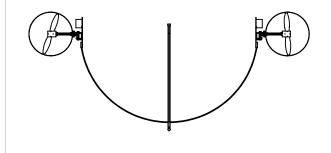
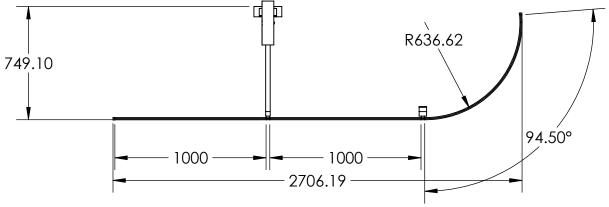
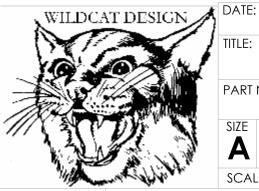


ITEM NO.	PART NUMBER	QTY.
1	2001-KEEL-STRAIGHT	2
2	2002-KEEL-CURVED	1
3	2003-CONNECTOR	2
4	2004-ENVELOPE- SUPPORT	1
5	2005-THRUSTER-ARMS	1
6	2022-END-BLOCK	2
7	2000.1-THRUSTER- ASM2	1
8	2000.1-THRUSTER- ASM1	1









12/08/2017 TITLE: Keel Assembly

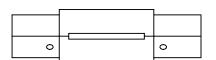
PART NO. 2000-KEEL-ASM

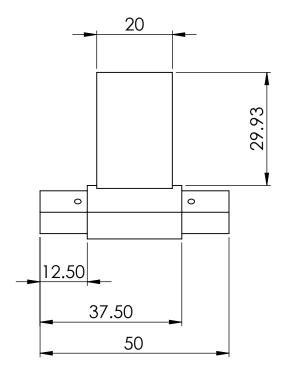
SIZE DWG. NO. A SCALE: 1:25

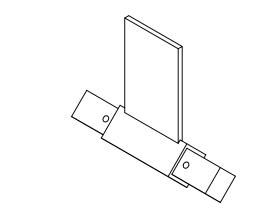
SHEET 1 OF 1

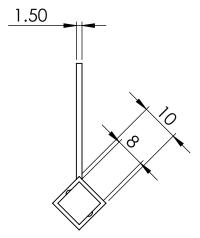
REV

- MATERIAL: 6061 ALUMINUM
 FINISH: ROUGH
 DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED 1. 2. 3. 4. 5. 6.











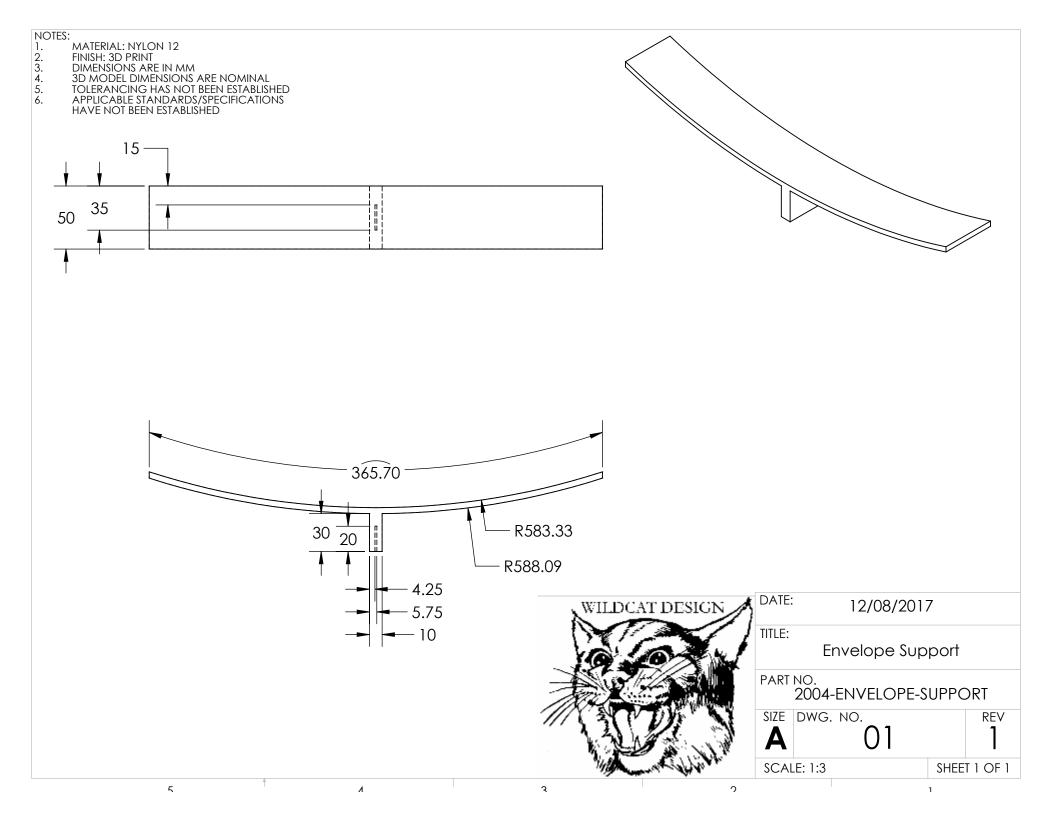
12/08/2017	ATE:	12/08/2017	
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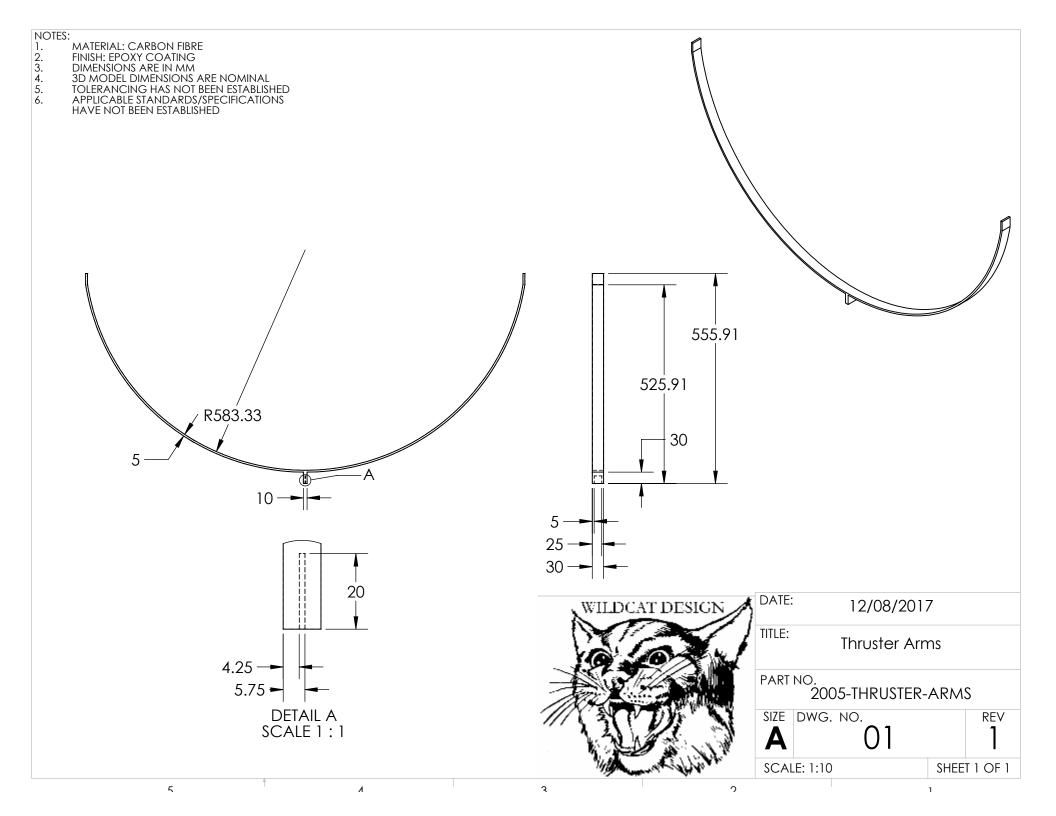
Keel Connector

PART NO. 2003-CONNECTOR

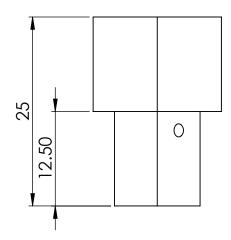
SIZE DWG. NO. REV

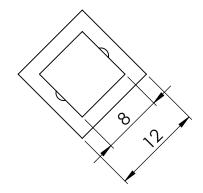
SCALE: 1:1 SHEET 1 OF 1

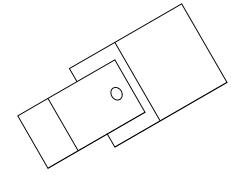




MATERIAL: NYLON 12
FINISH: 3D PRINT
DIMENSIONS ARE IN MM
3D MODEL DIMENSIONS ARE NOMINAL
TOLERANCING HAS NOT BEEN ESTABLISHED
APPLICABLE STANDARDS/SPECIFICATIONS
HAVE NOT BEEN ESTABLISHED 1. 2. 3. 4. 5. 6.



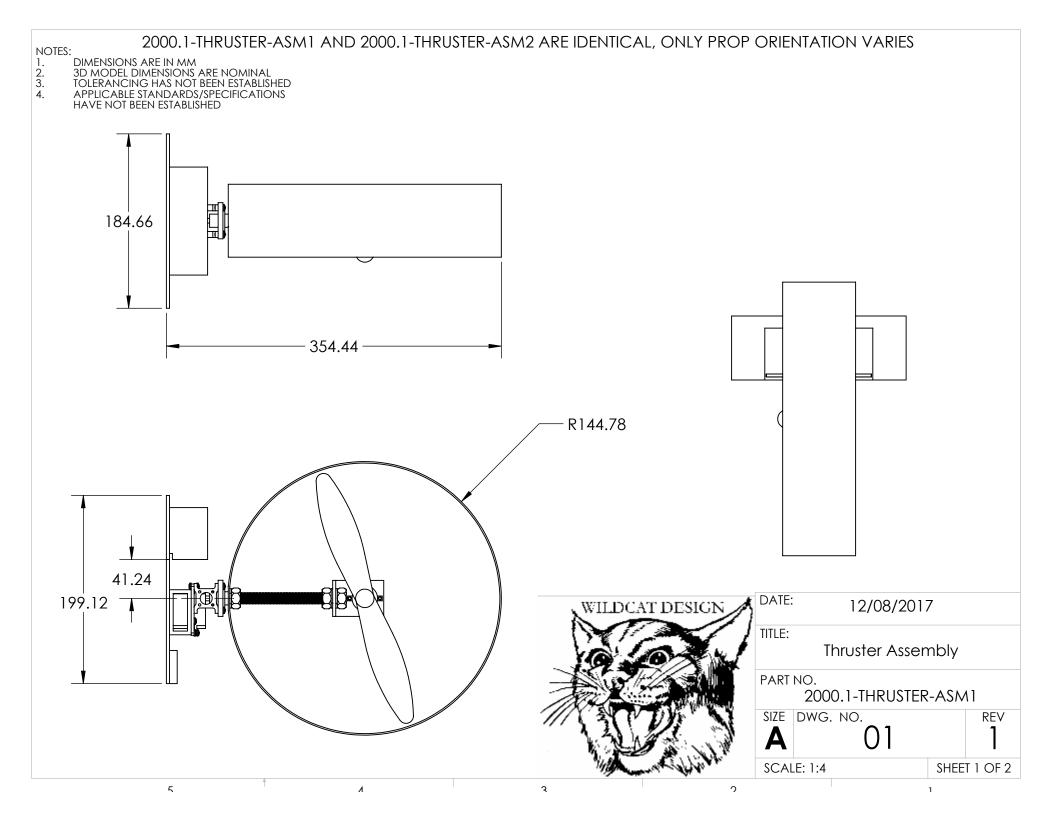




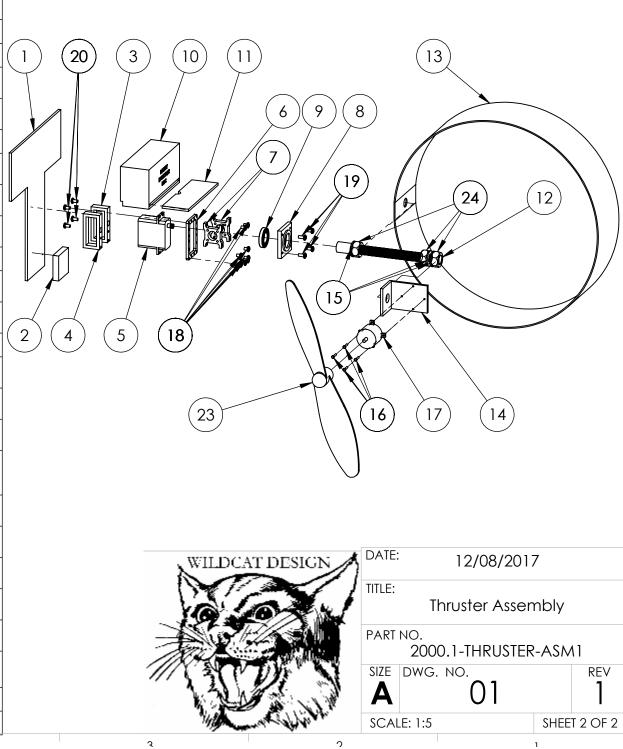


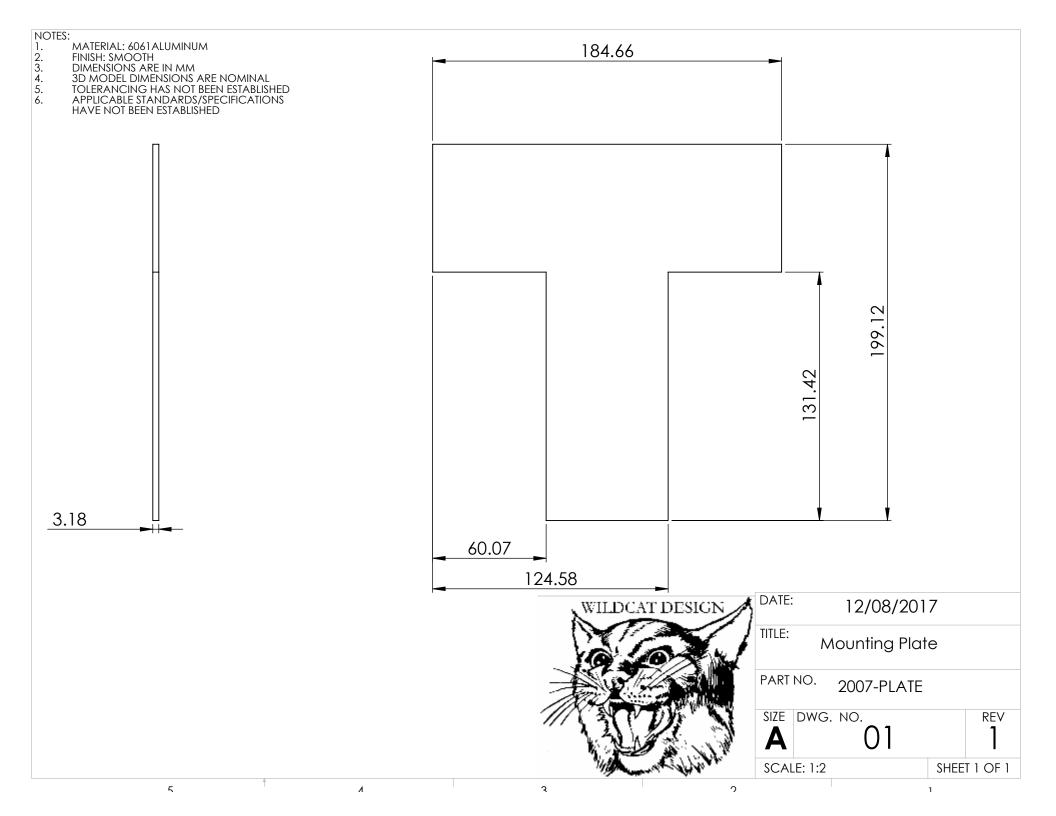
DATE:	12/08/2017			
TITLE:	End Stop			
PART NO. 2022-END-BLOCK				
SIZE	DWG. NO.	REV 1		

SHEET 1 OF 1



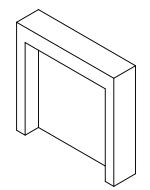
ITEM NO.	PART NUMBER	QTY.
1	2007-PLATE	1
2	2024-PLATE-FRONT	1
3	2020-MOTOR-BRACKET5	1
4	2008-MOTOR-BRACKET1	1
5	2012-SERVO-MOTOR	1
6	2009-MOTOR-BRACKET2	1
7	2010-MOTOR-BRACKET3	2
8	2011-MOTOR-BRACKET4	1
9	2023-BEARING-ASM	1
10	2013-COMPONENT-COVER	1
11	2014-COMPONENT-COVER-DOOR	1
12	2015-SHAFT	1
13	2017-PROPELLER-ENCASEMENT	1
14	2018-MOTOR-MOUNTING-PLATE	1
15	2024-WASHER2	3
16	B18.6.7M - M2 x 0.4 x 10 Indented HHMS10N	4
17	2019-PROPELLER-MOTOR	1
18	CR-PHMS 0.138-32x0.188x0.188-N	8
19	CR-PHMS 0.138-32x0.3125x0.3125-N	4
20	CR-PHMS 0.138-32x0.25x0.25-N	4
21	B18.3.4M - 3 x 0.5 x 10 SBHCSN	1
22	5000.1-THRUSTER-COMPONENTS- ASM	1
23	2016-PROPELLER	1
24	2025-NUT	3

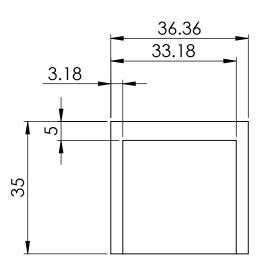


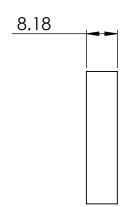


- MATERIAL: 6061 ALUMINUM FINISH: SMOOTH

- 1. 2. 3. 4. 5. DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED









12/08/2017

TITLE: Arm Cap

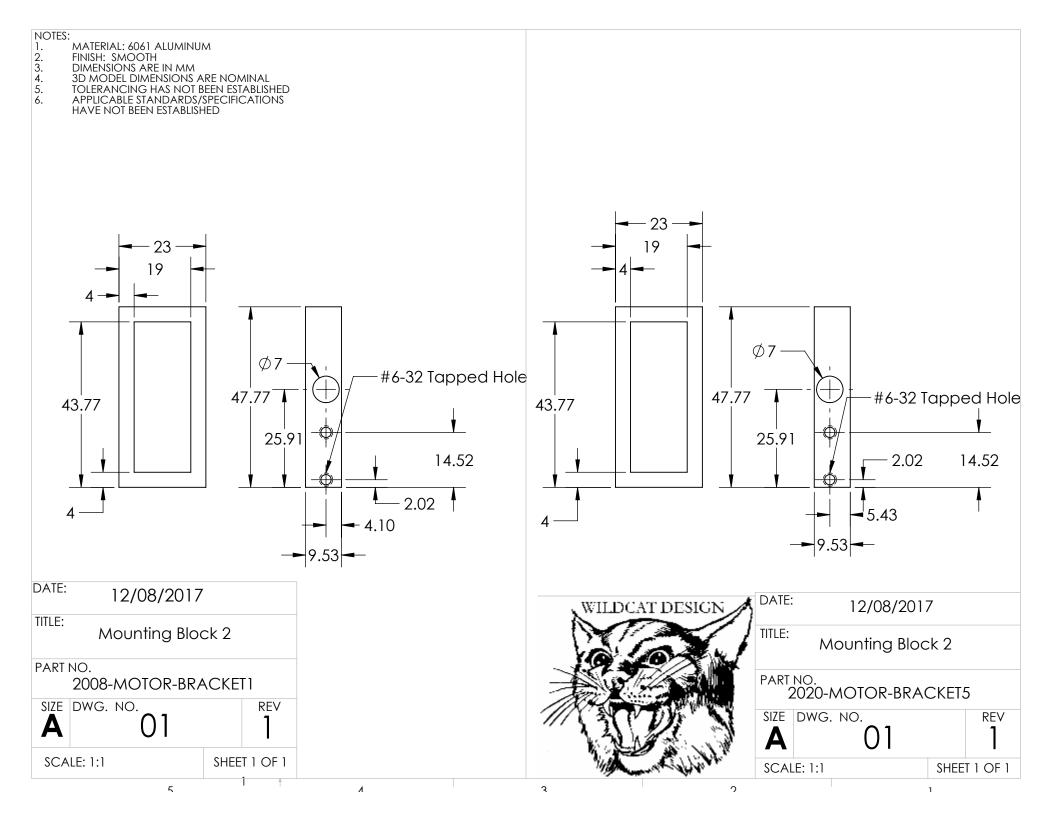
PART NO. 2024-PLATE-FRONT

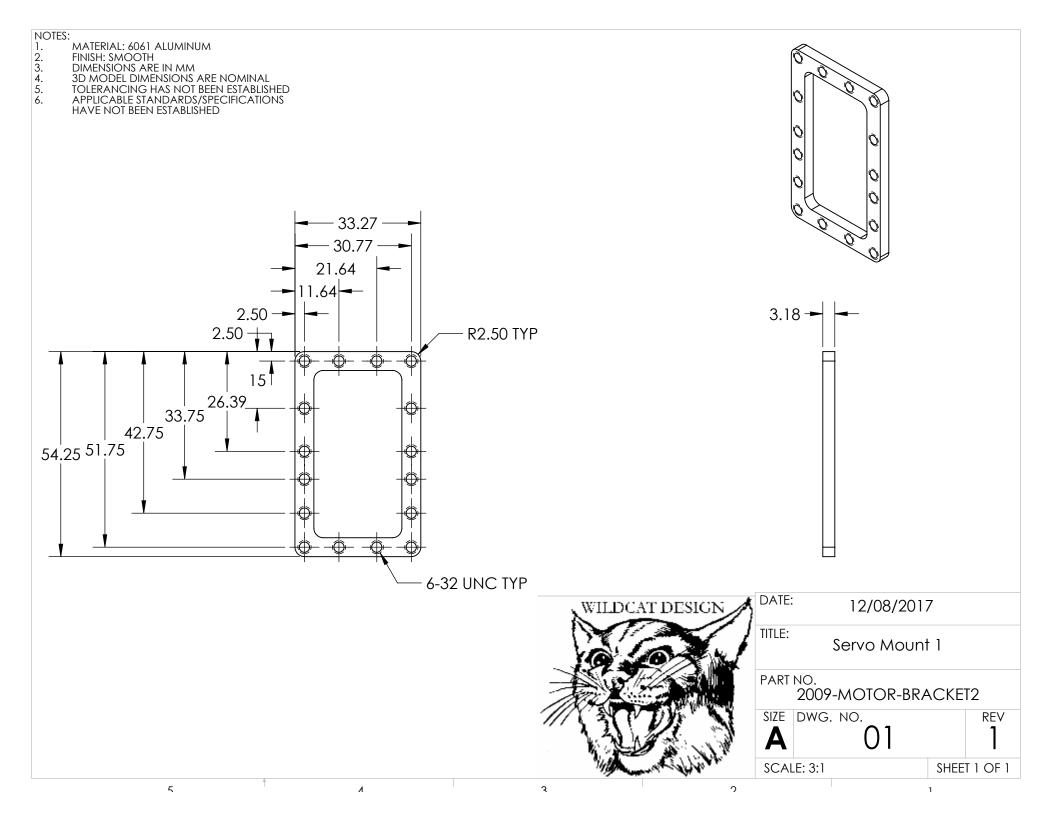
SIZE DWG. NO. REV A **SCALE: 2:1**

3

2

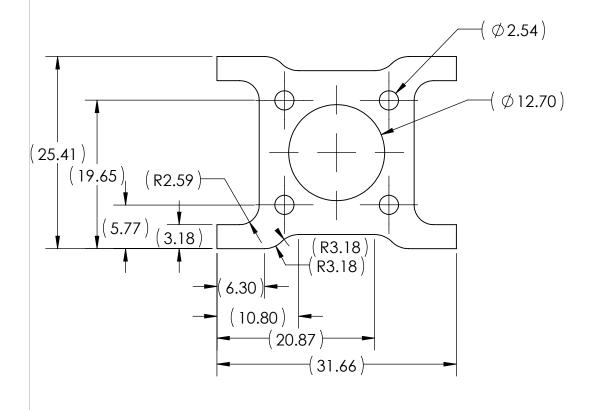
SHEET 1 OF 1

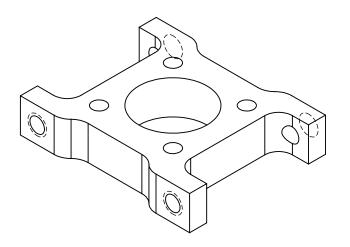


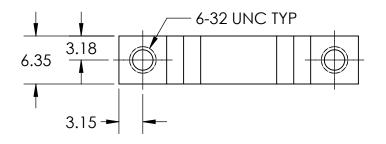


NOTES: 1. 2. 3. 4. 5. 6.

MATERIAL: 6061 ALUMINUM
FINISH: SMOOTH
DIMENSIONS ARE IN MM
3D MODEL DIMENSIONS ARE NOMINAL
TOLERANCING HAS NOT BEEN ESTABLISHED
APPLICABLE STANDARDS/SPECIFICATIONS
HAVE NOT BEEN ESTABLISHED



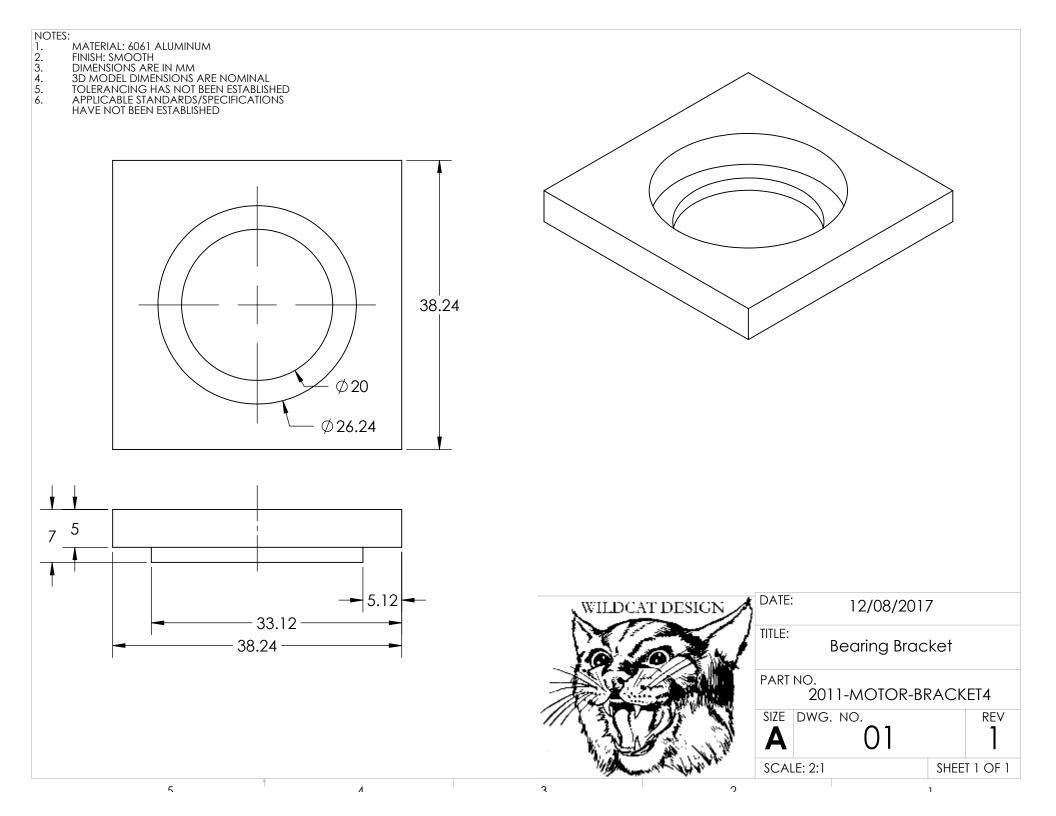






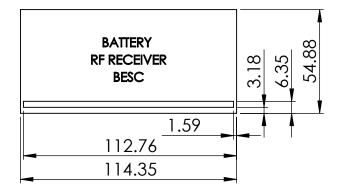
DATE: 12/08/2017				
TITLE:	Servo Mount 2			
PART NO. 2010-MOTOR-BRACKET3				
SIZE	DWG. NO.	REV 1		

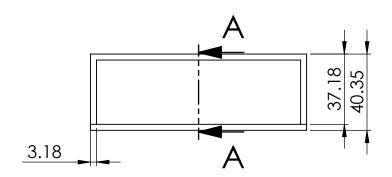
UΙ **SCALE: 5:1** SHEET 1 OF 1

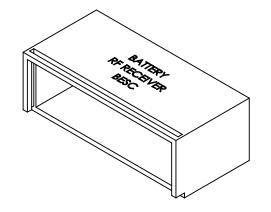


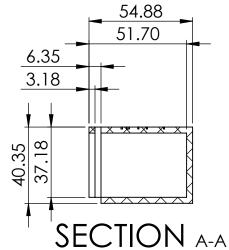
MATERIAL: NYLON 12 FINISH: 3D PRINT

- 2. 3. 4. 5. 6. FINISH: 3D PRINT
 DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED











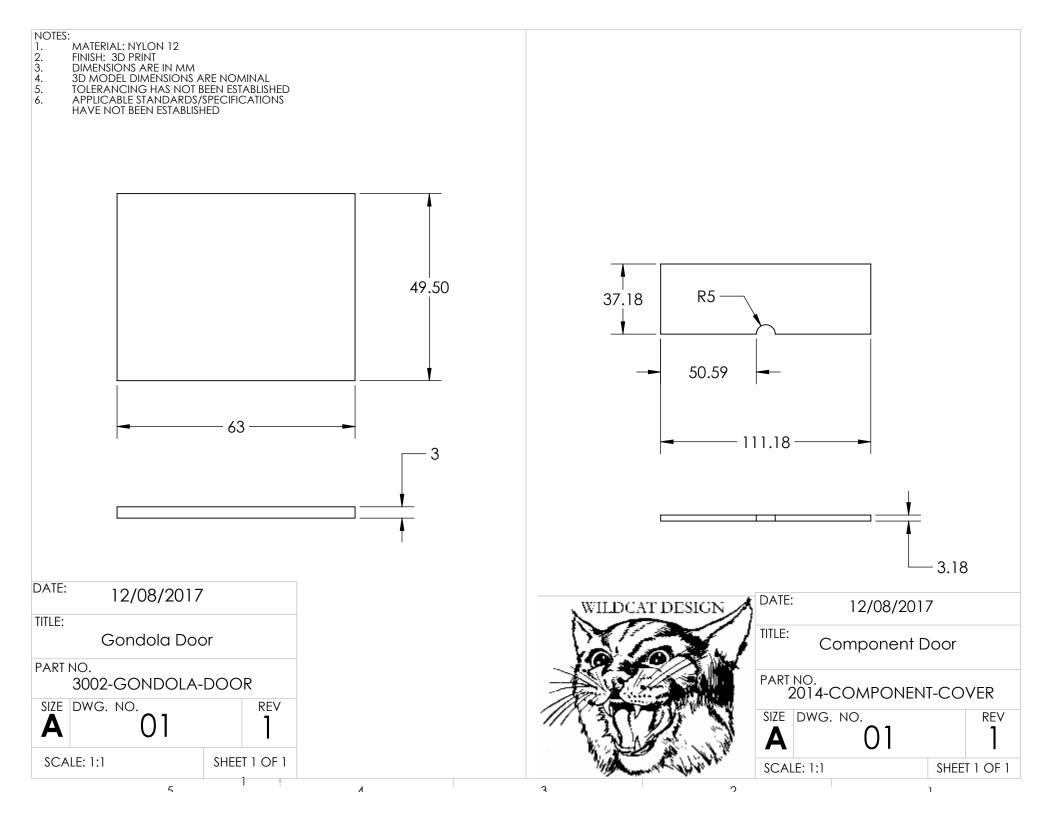
A DATE: 12/08/2017

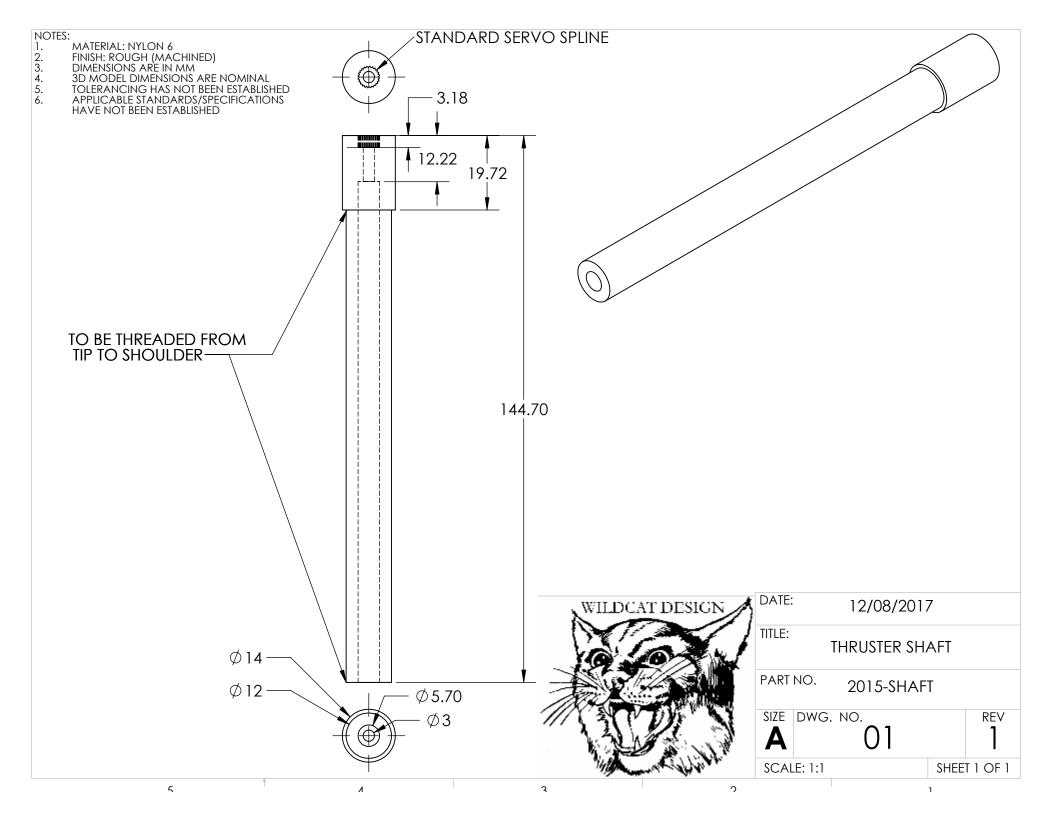
TITLE: COMPONENT COVER

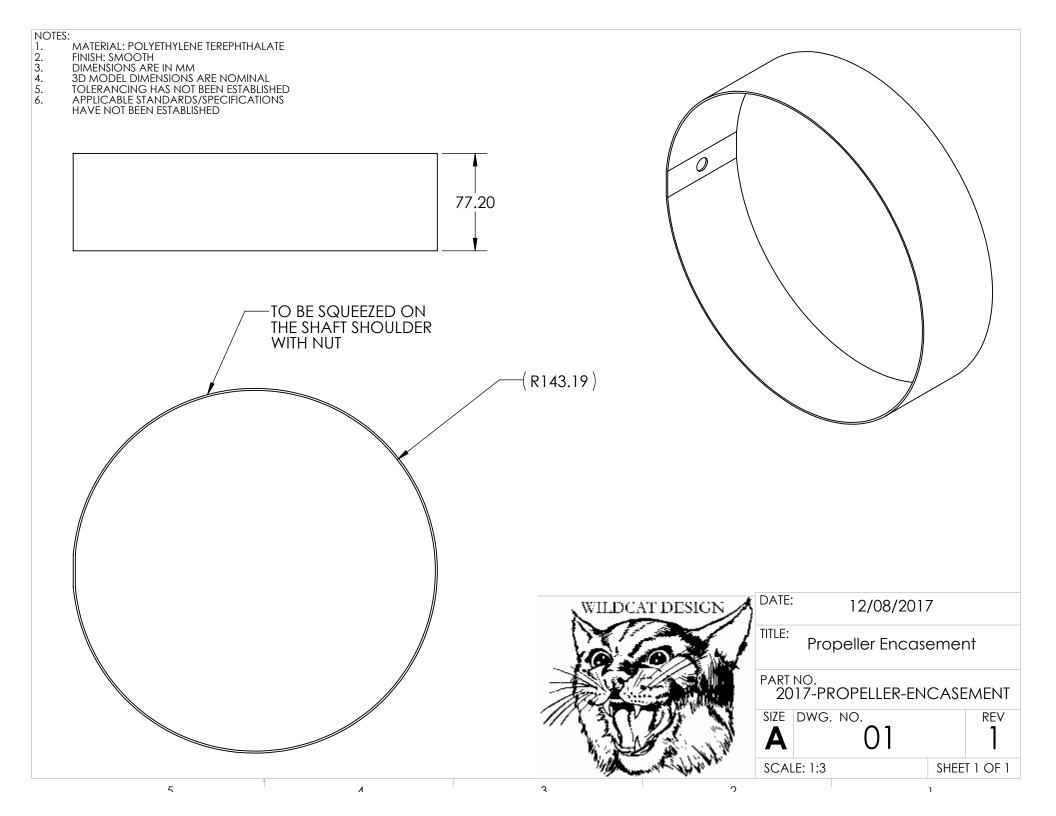
PART NO. 2013-COMPONENT-COVER

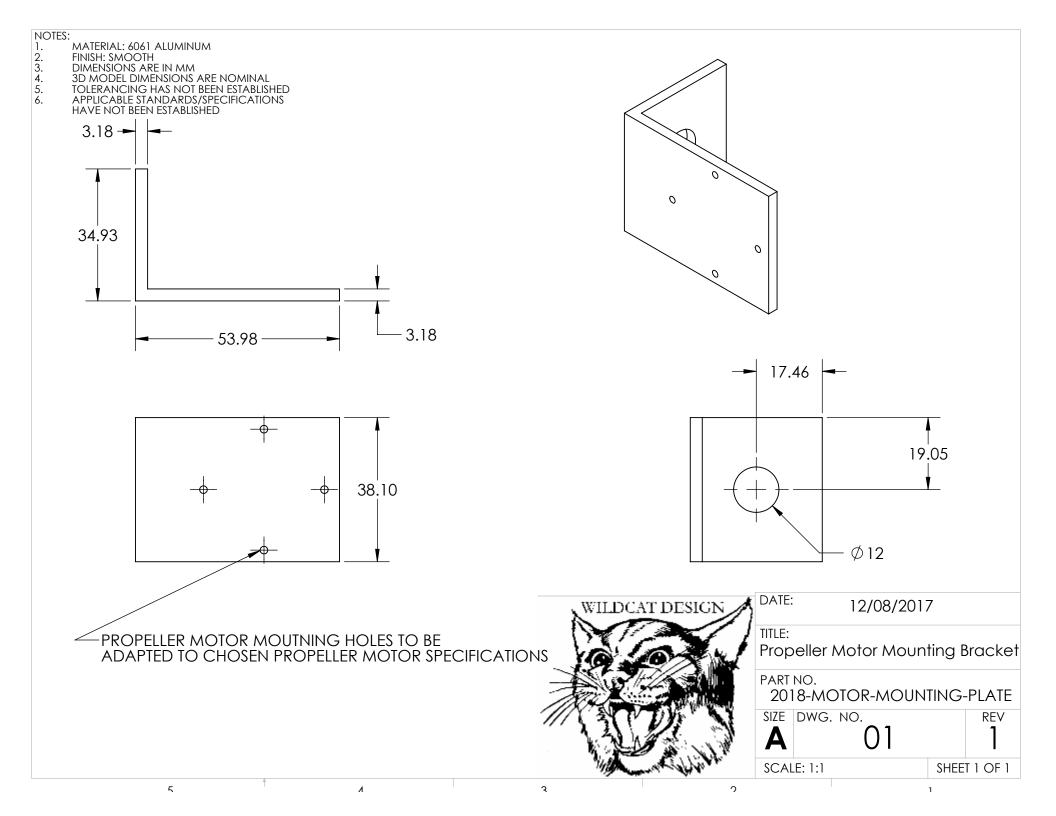
SIZE DWG. NO. **REV**

SCALE: 1:2 SHEET 1 OF 1

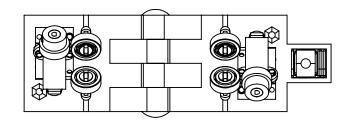


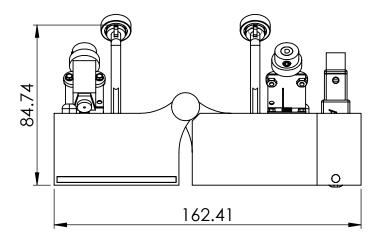


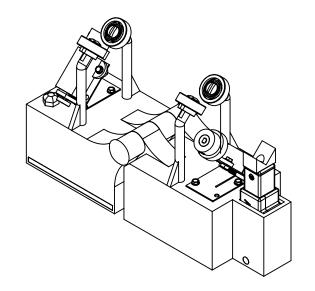


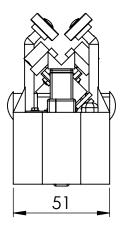


- 2. 3. 4.
- DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED











A DATE: 12/08/2017

TITLE: **GONDOLA ASSEMBLY**

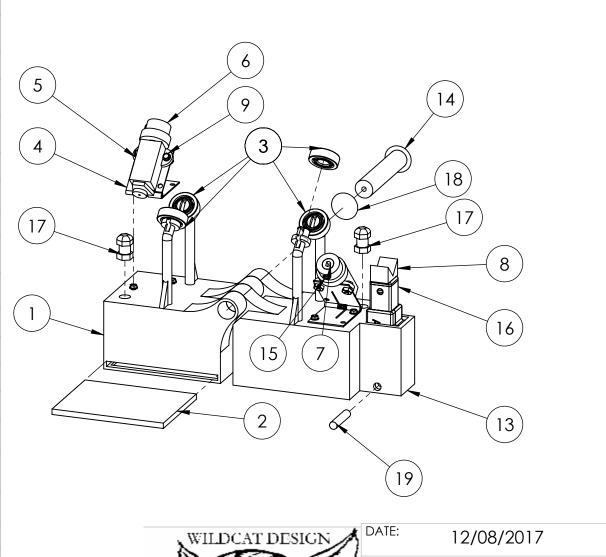
PART NO.

3000-GONDOLA-ASM

SIZE DWG. NO. REV

SCALE: 1:2 SHEET 1 OF 2

ITEM NO.	PART NUMBER	QTY.
1	3001-GONDOLA2	1
2	3002-GONDOLA- DOOR	2
3	6455K2	4
4	4000-TORSIONAL- HINGE	2
5	3006-FRICTION-WHEEL- MOTOR	2
6	3005-FRICTION-WHEEL	2
7	3004-SHAFT-ADAPTER	2
8	3013-KEEL-HOLDER	1
9	IN-HWMS 0.086- 56x0.188x0.188-N	4
10	IN-HWMS 0.086- 56x0.375x0.375-N	4
11	MSHXNUT 0.086-56-S-N	8
12	3007-WASHER	4
13	3003-GONDOLA1	1
14	3011-HINGE-BODY	1
15	SSCONESKT 0.164- 32x0.125-HX-N	2
16	Linear Actuator - 112_10mm_in	1
17	3009-CABLE-GLAND	2
18	3012-HINGE-CAP	1
19	3008-ACTUATOR-PIN	1





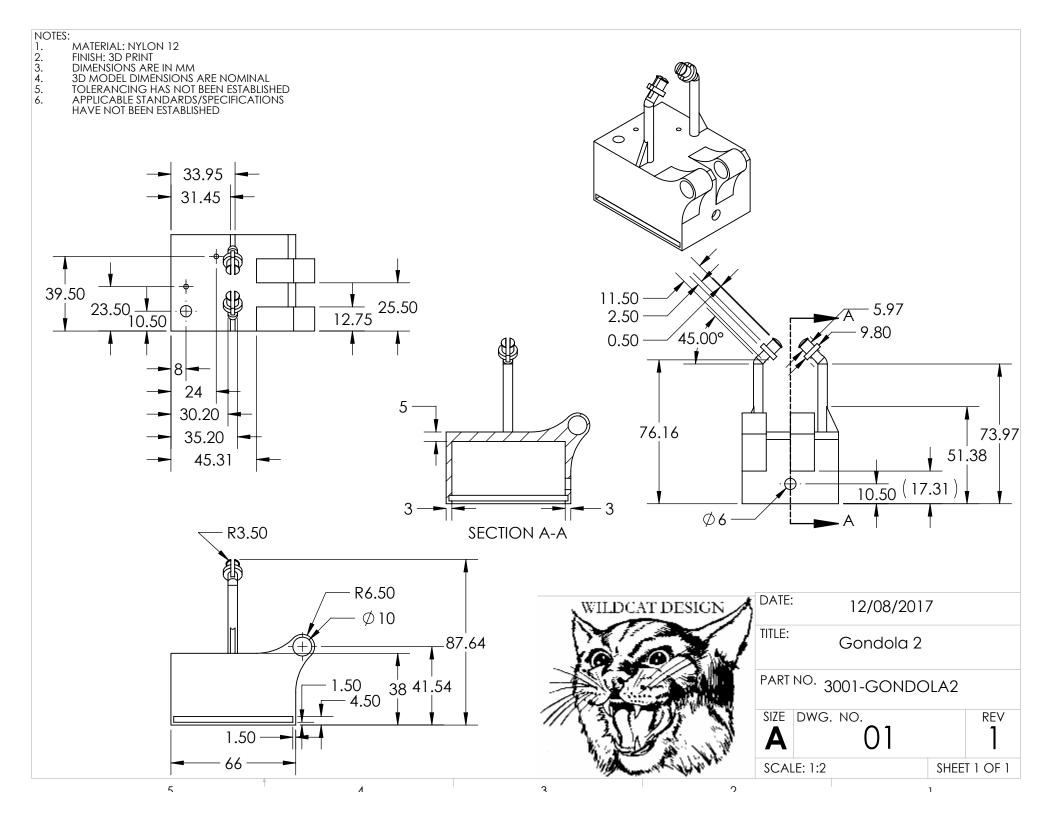
TITLE: GONDOLA ASSEMBLY

PART NO.

3000-GONDOLA-ASM

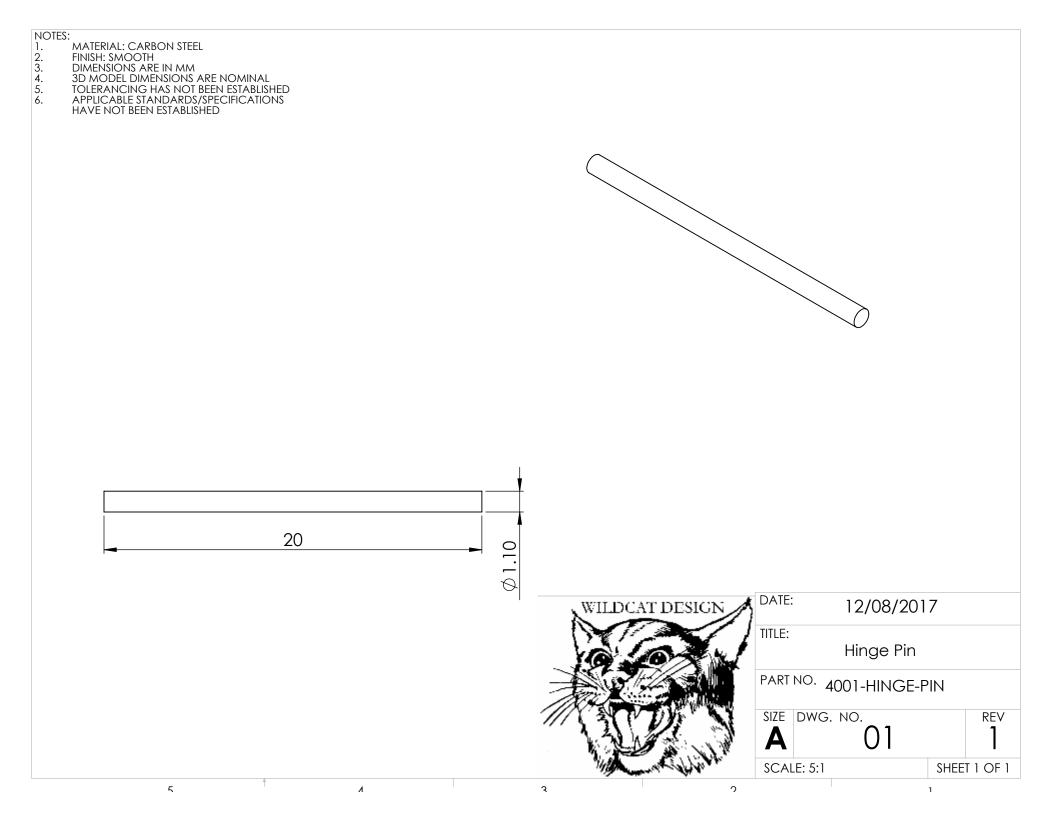
SIZE DWG. NO. 1

SCALE: 1:2 SHEET 2 OF 2



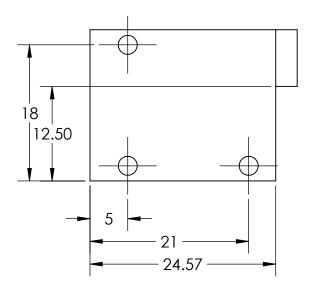
ITEM NO.	PART NUMBER	QTY.	
1	4002-HINGE-BODY	2	
2	4001-HINGE-PIN	1	
3	4003-HINGE-SPRING	1	
		- 14.45 26	WILDCAT DESIGN DATE: 12/08/2017 TITLE: Torsion Hinge Assembly PART NO. 4000-TORSIONAL-HINGE SIZE DWG. NO. REV A 01 SCALE: 2:1 SHEET 1 0F 1

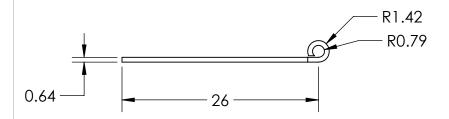
5 3 2

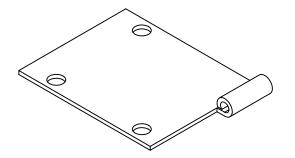


- 1. 2. 3. 4. 5. 6.

- MATERIAL: 6061 ALUMINUM
 FINISH: SMOOTH
 DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED





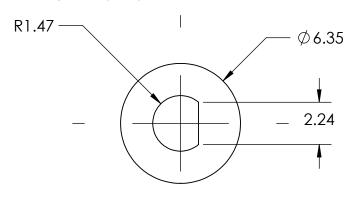


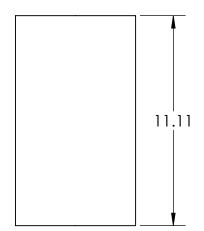
WILDCAT DESIGN	DATE:	•
	TITLE:	
	PART	NO.
	SIZE	DWG
White the state of	SCAI	E: 2:1

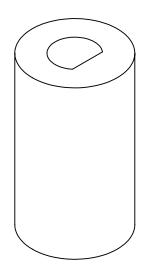
DATE:	12/08/2017	
TITLE:	Hinge Leaf	
PART	^{NO.} 4002-HINGE-BODY	•
SIZE	DWG. NO.	REV

SHEET 1 OF 1

MATERIAL: NYLON 12
FINISH: 3D PRINT
DIMENSIONS ARE IN MM
3D MODEL DIMENSIONS ARE NOMINAL
TOLERANCING HAS NOT BEEN ESTABLISHED
APPLICABLE STANDARDS/SPECIFICATIONS
HAVE NOT BEEN ESTABLISHED 2. 3. 4. 5. 6.









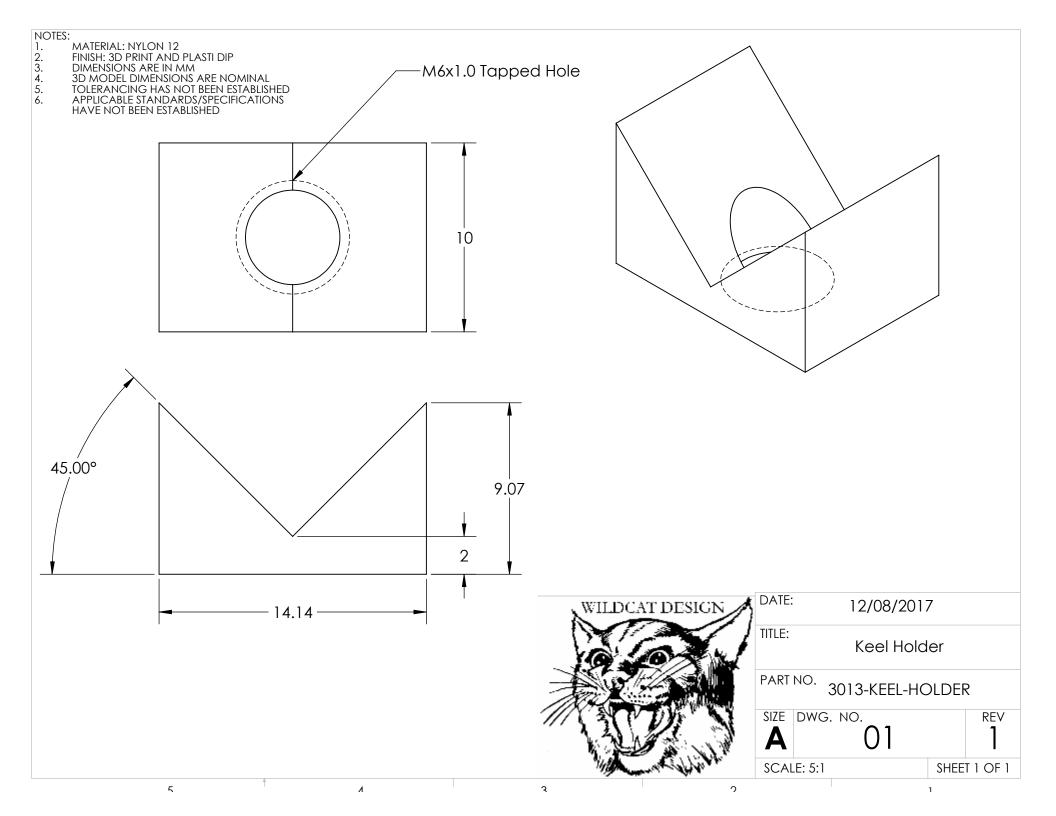
DATE: 12/08/2017

TITLE: Shaft Adapter

PART NO. 3004-SHAFT-ADAPTER

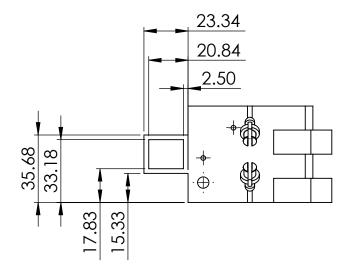
SIZE DWG. NO. REV

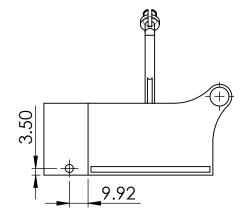
SCALE: 5:1 SHEET 1 OF 1

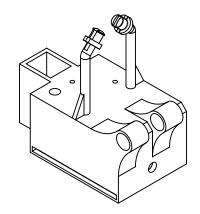


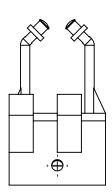
SEE 3001-GONDOLA2 FOR ALL UNLISTED DIMENSIONS

- 1. 2. 3. 4. 5.
- MATERIAL: NYLON 12
 FINISH: 3D PRINT
 DIMENSIONS ARE IN MM
 3D MODEL DIMENSIONS ARE NOMINAL
 TOLERANCING HAS NOT BEEN ESTABLISHED
 APPLICABLE STANDARDS/SPECIFICATIONS
 HAVE NOT BEEN ESTABLISHED

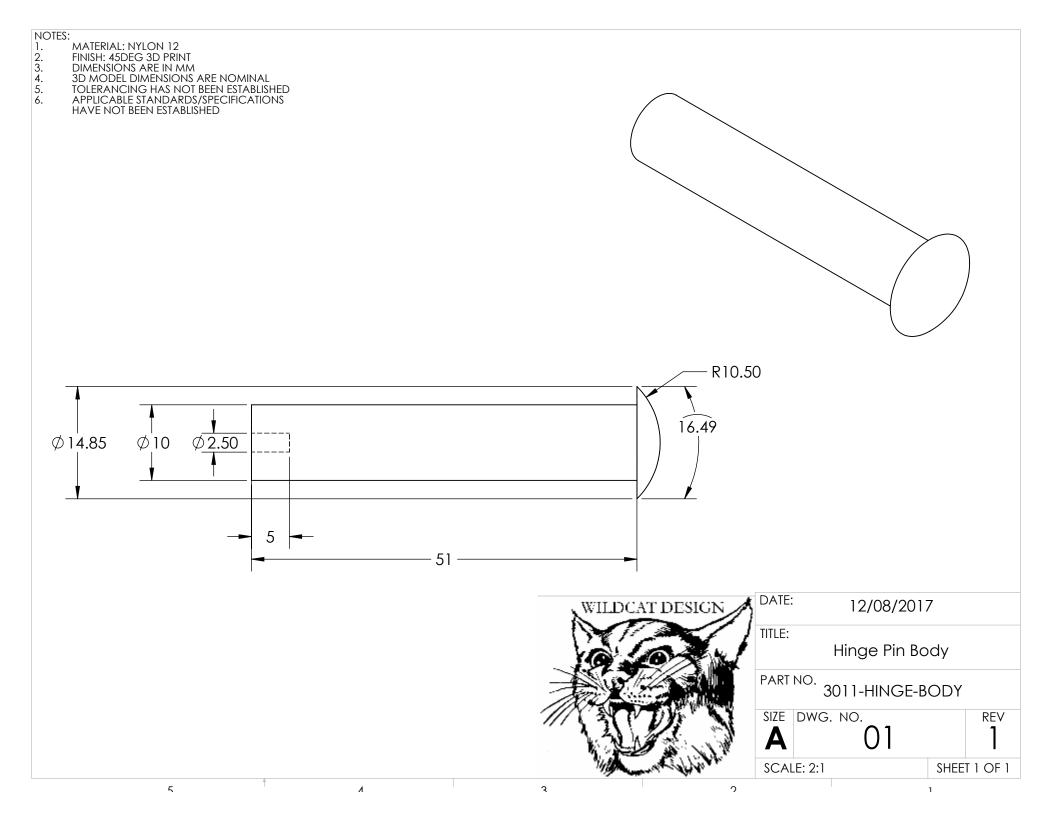


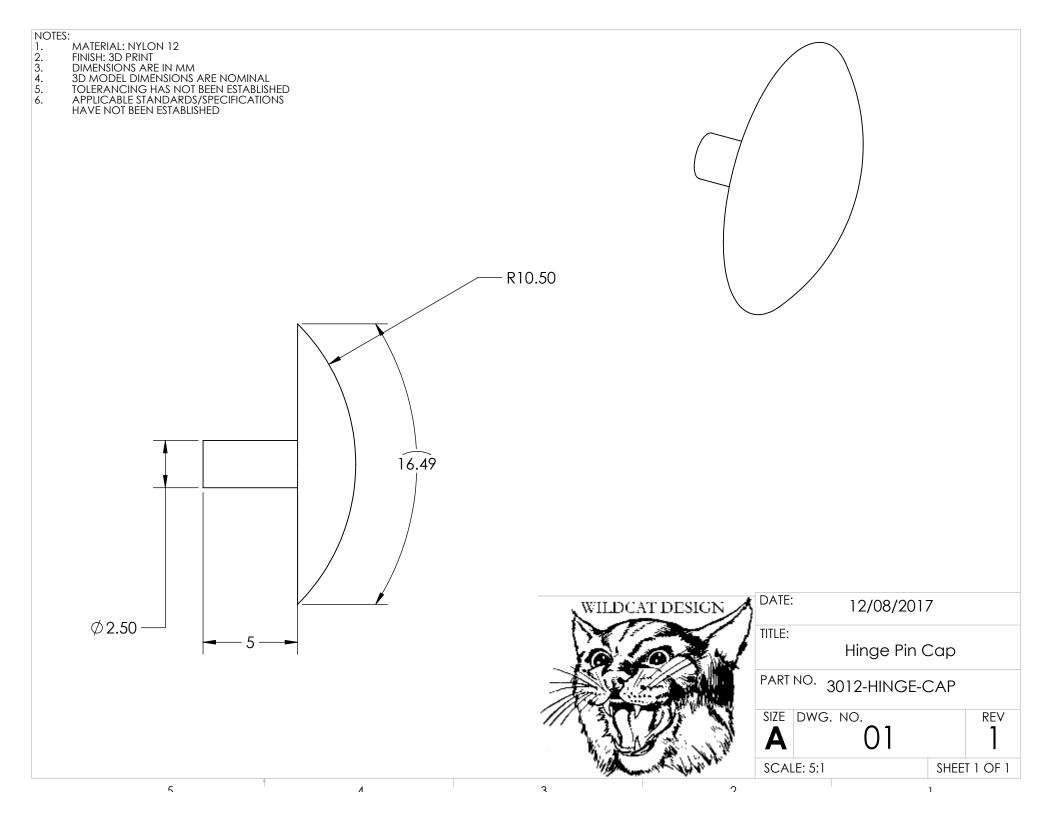




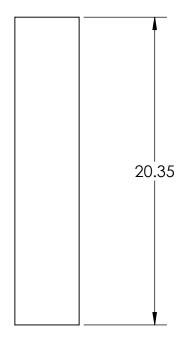


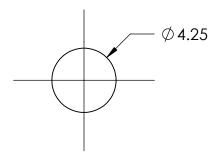






MATERIAL: NYLON 12
FINISH: 3D PRINT
DIMENSIONS ARE IN MM
3D MODEL DIMENSIONS ARE NOMINAL
TOLERANCING HAS NOT BEEN ESTABLISHED
APPLICABLE STANDARDS/SPECIFICATIONS
HAVE NOT BEEN ESTABLISHED 1. 2. 3. 4. 5. 6.





WILDCAT DESIGN	DA
	TIT
	PA
	SI
Mary Wall	SC

DATE:	12/08/2017				
TTLE:	Actuator Pin				
PART NO. 3008-ACTUATOR-PIN					
SIZE	DWG. NO.	REV 1			

SCALE: 4:1 SHEET 1 OF 1