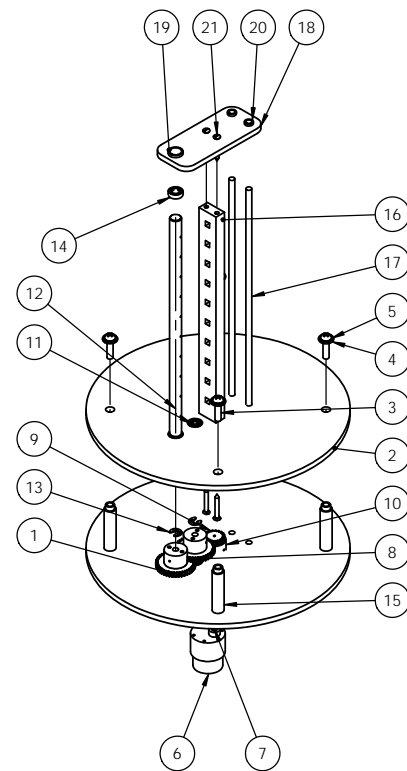
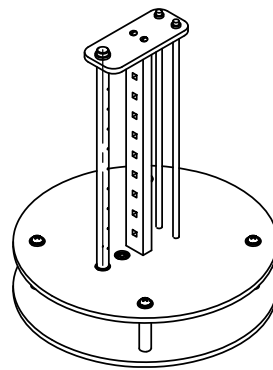
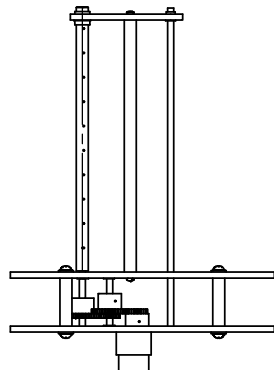
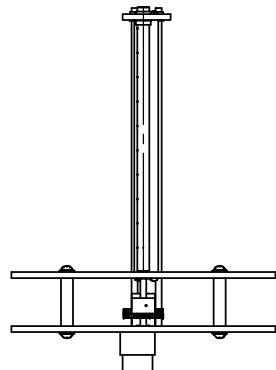
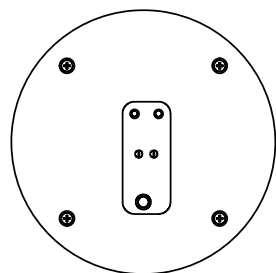


ITEM NO.	PART NUMBER	PRICE	manual explode/QTY.	COST
1	Bottom_Plate		1	
2	Top_Plate		1	
3	round head screw_ai		8	
4	Preferred Narrow FW 0.25		8	
5	ASME B18.21.1 - 0.256		8	
6	60RPM_Motor		1	
7	Motor_Shaft		1	
8	spur gear_am_big		2	
9	spur gear_am_small		2	
10	Gear_Hub		3	
11	Passive_Shaft		1	
12	CAM_Shaft		1	
13	e-external retaining ring_ai		3	
14	instrument ball bearing_ai		5	
15	Gearbox_Post		4	
16	Linkage_Supports		1	
17	Wing_Post		2	
18	Shaft_Support_4		1	
19	Cam_Shaft_Bushing		1	
20	Pole_Bushing		2	
21	UOVALCKT 0.164-19-slot-AB-1.25-C		4	



NOTES:

1. DIMENSIONS APPLY AFTER FINISH
2. INSPECTION REPORT REQUIRED FOR ALL (SPECIFIED) DIMENSIONS.
3. REFERENCE SOLID GEOMETRY FOR ALL UNSPECIFIED DIMENSIONS. STANDARD TOLERANCE<MOD-PM>
4. DEBURR ALL EDGES

ALL DIMENSIONS ARE IN
INCHES, UNLESS
OTHERWISE SPECIFIED
DRAWING PER ASME
Y14.5-1994

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
XX ±0.03
XXX ±0.01
XXXX ±0.005

±0.5°

REMOVE ALL BURRS AND
SHARP EDGES USING R-0.04
CHAMFER MAX

UNLESS OTHERWISE SPECIFIED:
QTY: 1 MTL:
DIMENSIONS ARE IN INCHES

ENGINEER
DRAWN
CHECKED

3/31/2018

THIS DRAWING CONTAINS INFORMATION
WHICH IS CONFIDENTIAL AND PROPRIETARY
TO ENGR 2330 AND MAY NOT BE COPIED,
DIVULGED OR USED IN PART OR AS A WHOLE
WITHOUT EXPRESSED WRITTEN CONSENT.

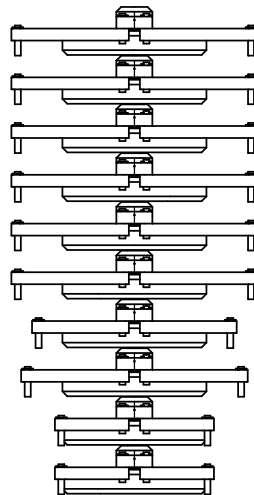
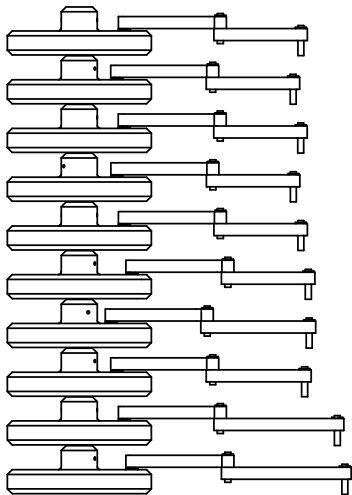
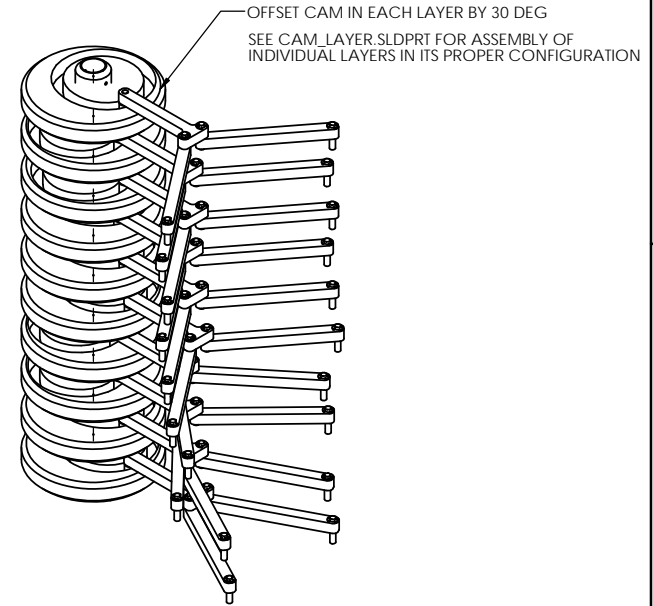
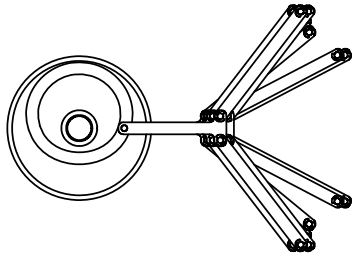
**Olin College
of Engineering**

Transmission


SIZE: **B** PART NO.: SHEET 1 OF 1

SCALE: 1:3 DO NOT SCALE PRINT

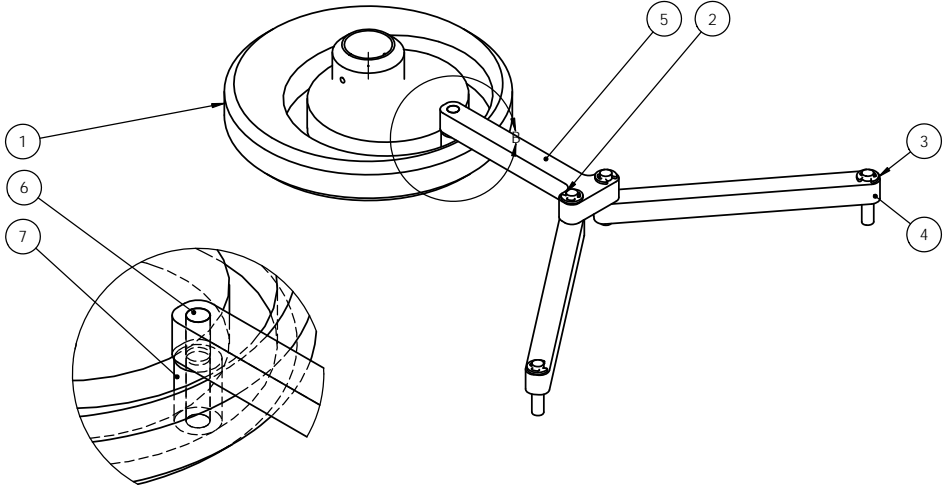
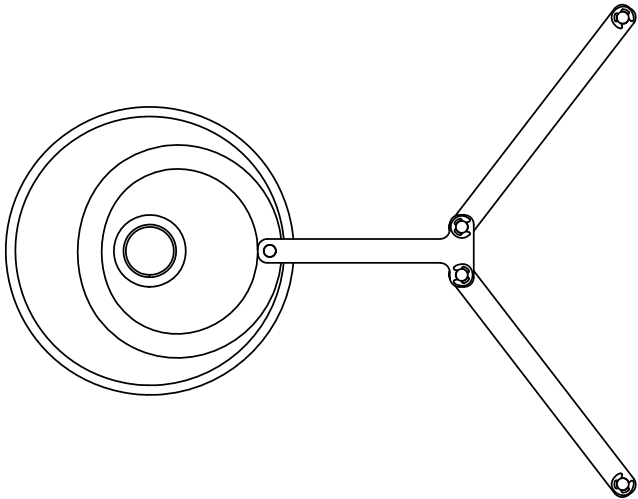
ITEM NO.	PART NUMBER	PRICE	manual explode/QTY.	COST
1	cam_layer		10	

**NOTES:**

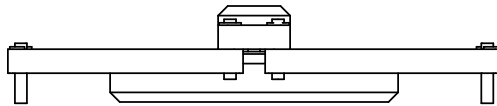
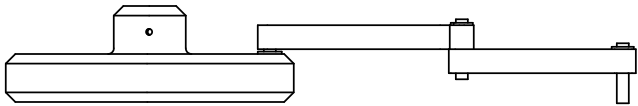
1. DIMENSIONS APPLY AFTER FINISH
2. INSPECTION REPORT REQUIRED FOR ALL (SPECIFIED) DIMENSIONS.
3. REFERENCE SOLID GEOMETRY FOR ALL UNSPECIFIED DIMENSIONS. STANDARD TOLERANCE<MOD-PM>
4. DEBURR ALL EDGES

UNLESS OTHERWISE SPECIFIED:			
CITY: 1	MTL:	TITLE	
ALL DIMENSIONS ARE IN INCHES. INTERPRET DRAWINGS PER ASME Y14.5-1994		cam_stack	
ENGINEER	3/31/2018	DATE	PART NO.
DRAWN		REV.	
CHECKED		SCALE: 1:1 DO NOT SCALE PRINT SHEET 1 OF 2	
TOLERANCES UNLESS OTHERWISE SPECIFIED: XX .XX XX.X .01 XX.XX .005		THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO OLIN COLLEGE AND MAY NOT BE COPIED, REPRODUCED OR USED IN PART OR AS A WHOLE WITHOUT EXPRESSED WRITTEN CONSENT.	
CHAMFER MAX			

ITEM NO.	PART NUMBER	PRICE	manual explode/QTY.	COST
1	cam		1	
2	linkage_dowel		4	
3	e-external retaining ring_ai		4	
4	linkage		2	
5	cam_follower		1	
6	cam_follower_pin		1	
7	cam_follower_roller		1	



DETAIL B
SCALE 2 : 1



UNLESS OTHERWISE SPECIFIED:

QTY: 1 MTL:

DIMENSIONS ARE IN INCHES

ENGINEER

DRAWN

CHECKED

3/31/2018

ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.X ±0.03

X.XX ±0.01

X.XXX ±0.005

±0.5°

RELIEVE ALL BURRS AND SHARP EDGES TO 0.0625" CHAMFER MAX

THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO OLCER 2018 AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE WITHOUT EXPRESSED WRITTEN CONSENT.

SIZE: B

PART NO: cam_rib_assembly

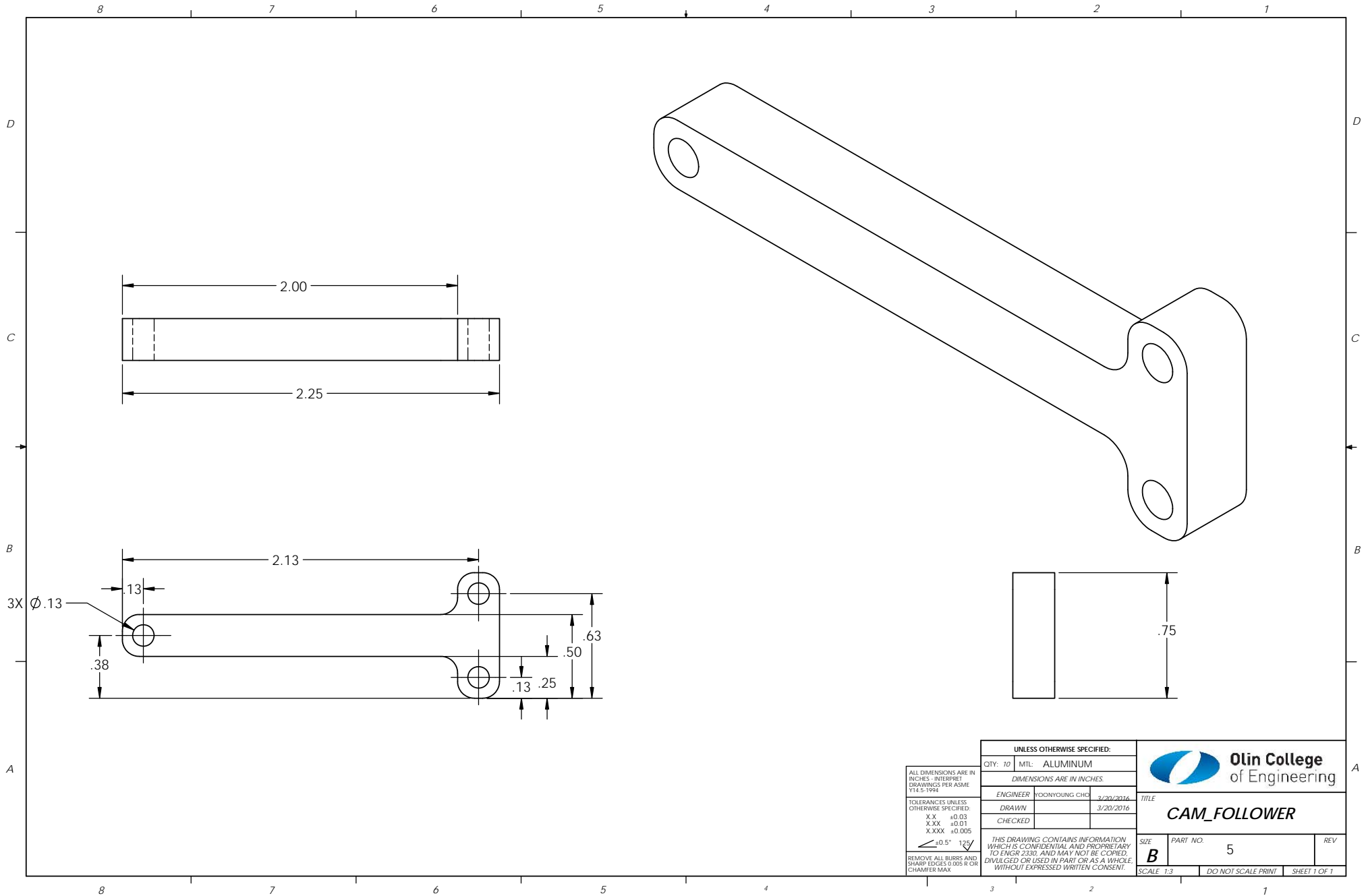
REV: 1

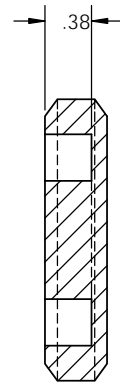
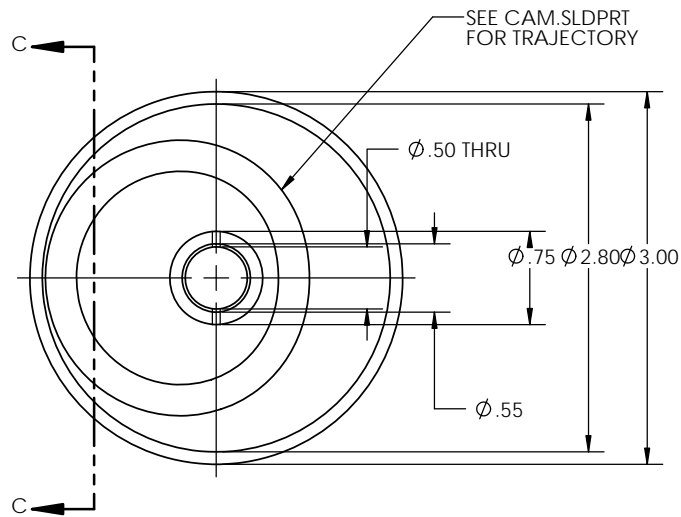
SCALE: 1:1

DO NOT SCALE PRINT

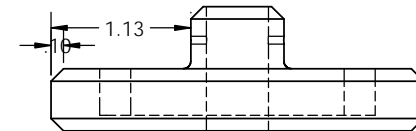
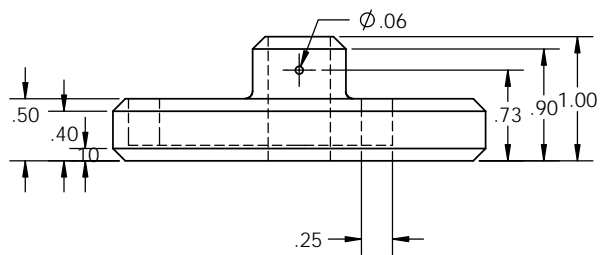
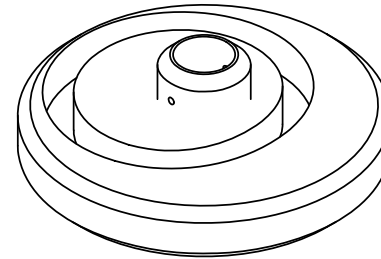
SHEET 2 OF 2


Olin College of Engineering

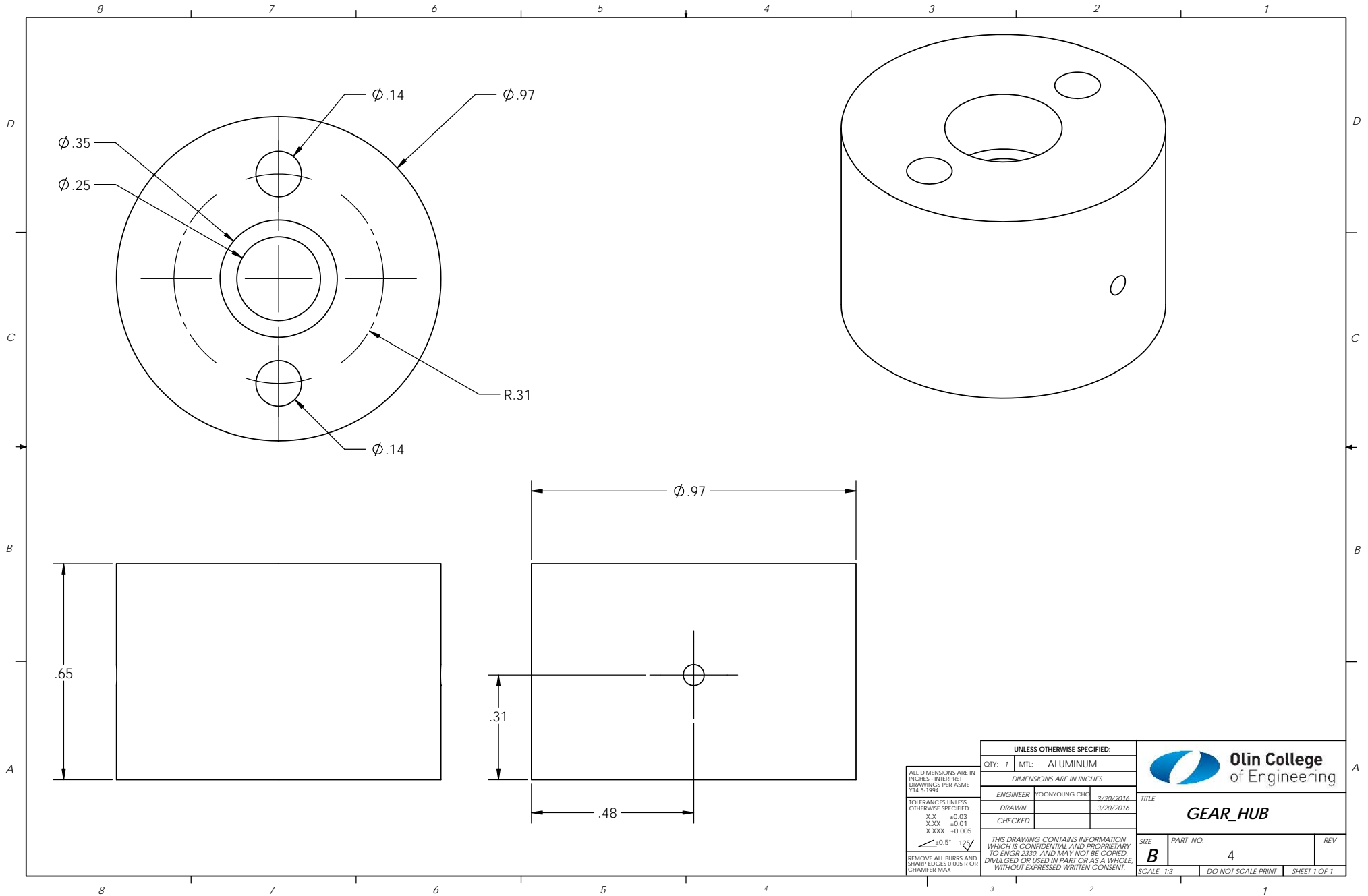


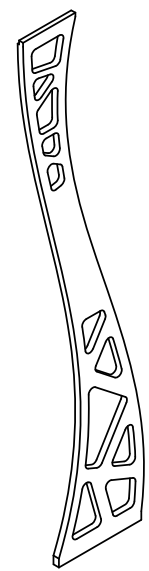
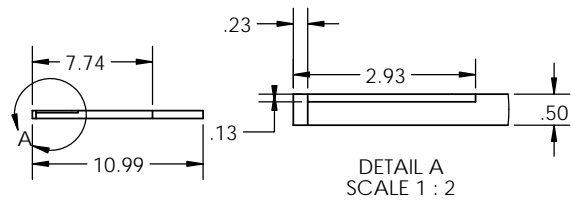
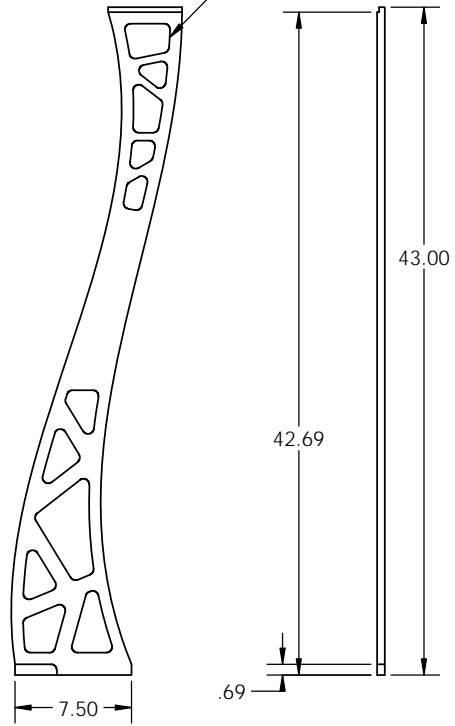
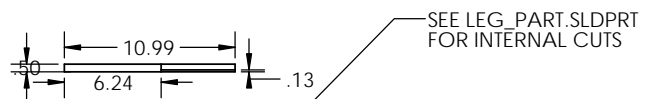


SECTION C-C



ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994		UNLESS OTHERWISE SPECIFIED:		 Olin College of Engineering	
		QTY: 10	MTL: ABS		
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X ±0.03 X.XX ±0.01 X.XXX ±0.005 ±0.5° 125°		DIMENSIONS ARE IN INCHES		TITLE CAM	
		ENGINEER	YOONYOUNG CHO 3/31/2016		
		DRAWN	3/31/2016		
REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX		CHECKED		SIZE B PART NO. 1 REV SCALE 1:3 DO NOT SCALE PRINT SHEET 1 OF 1	
		THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR 2330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.			





UNLESS OTHERWISE SPECIFIED:		QTY: 1		Mtl: WOOD	
DIMENSIONS ARE IN INCHES					
ENGINEER	YOON YOUNG CHO	2/27/2016			
DRAWN		2/27/2016			
CHECKED					
ALL DIMENSIONS ARE IN INCHES - INTERPRET DRAWINGS PER ASME Y14.5-1994 TOLERANCES UNLESS OTHERWISE SPECIFIED: XX ±0.03 XXX ±0.01 XXXX ±0.005 ±0.5° 12° REMOVE ALL BURRS AND SHARP EDGES 0.005 R OR CHAMFER MAX					
THIS DRAWING CONTAINS INFORMATION WHICH IS CONFIDENTIAL AND PROPRIETARY TO ENGR 2330, AND MAY NOT BE COPIED, DIVULGED OR USED IN PART OR AS A WHOLE, WITHOUT EXPRESSED WRITTEN CONSENT.					
SIZE	PART NO.		REV		
B	3				
SCALE 1:3		DO NOT SCALE PRINT		SHEET 1 OF 1	



LEG_PART

