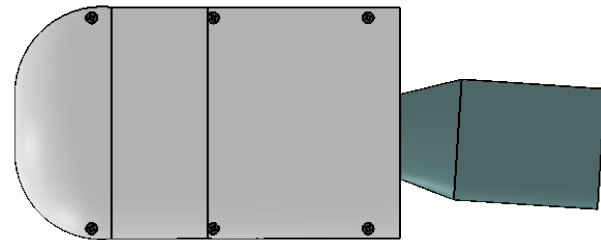
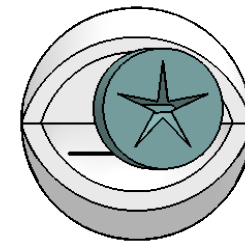
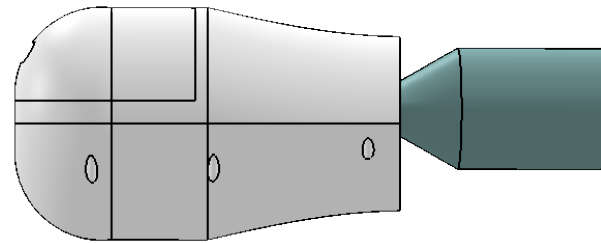
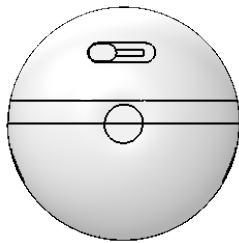
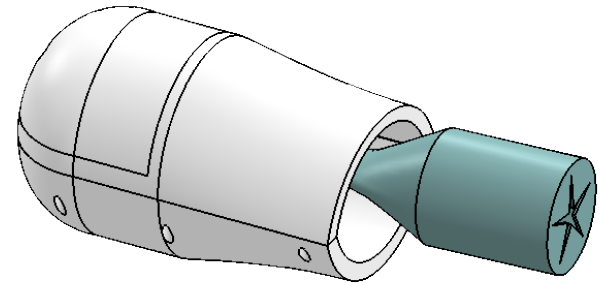
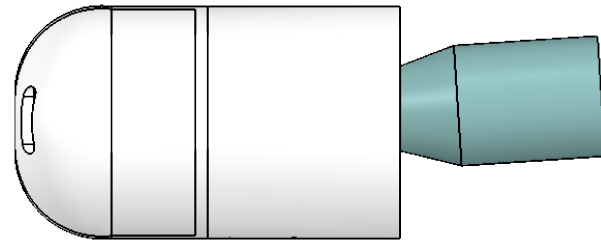


REV.

TREMOR STABILIZING DEVICE

3/10/2018



PROJECT DOROTHY:  
HAND TREMOR STABILIZING DEVICE.  
SILICON ADAPTOR HOLDS OBJECTS UP TO  
ONE INCH DIAMETER.  
IDEAL FOR MAKEUP APPLICATION

DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
ANGLE  $\pm 1^\circ$   
XX  $\pm 0.01$   
XXX  $\pm 0.005$   
HOLES  $\varnothing \pm 0.005$

INTERPRET GEOMETRIC  
TOLERANCING PER  
ASME Y14.5M-2009



SCALE 1:2

PROJECT DOROTHY

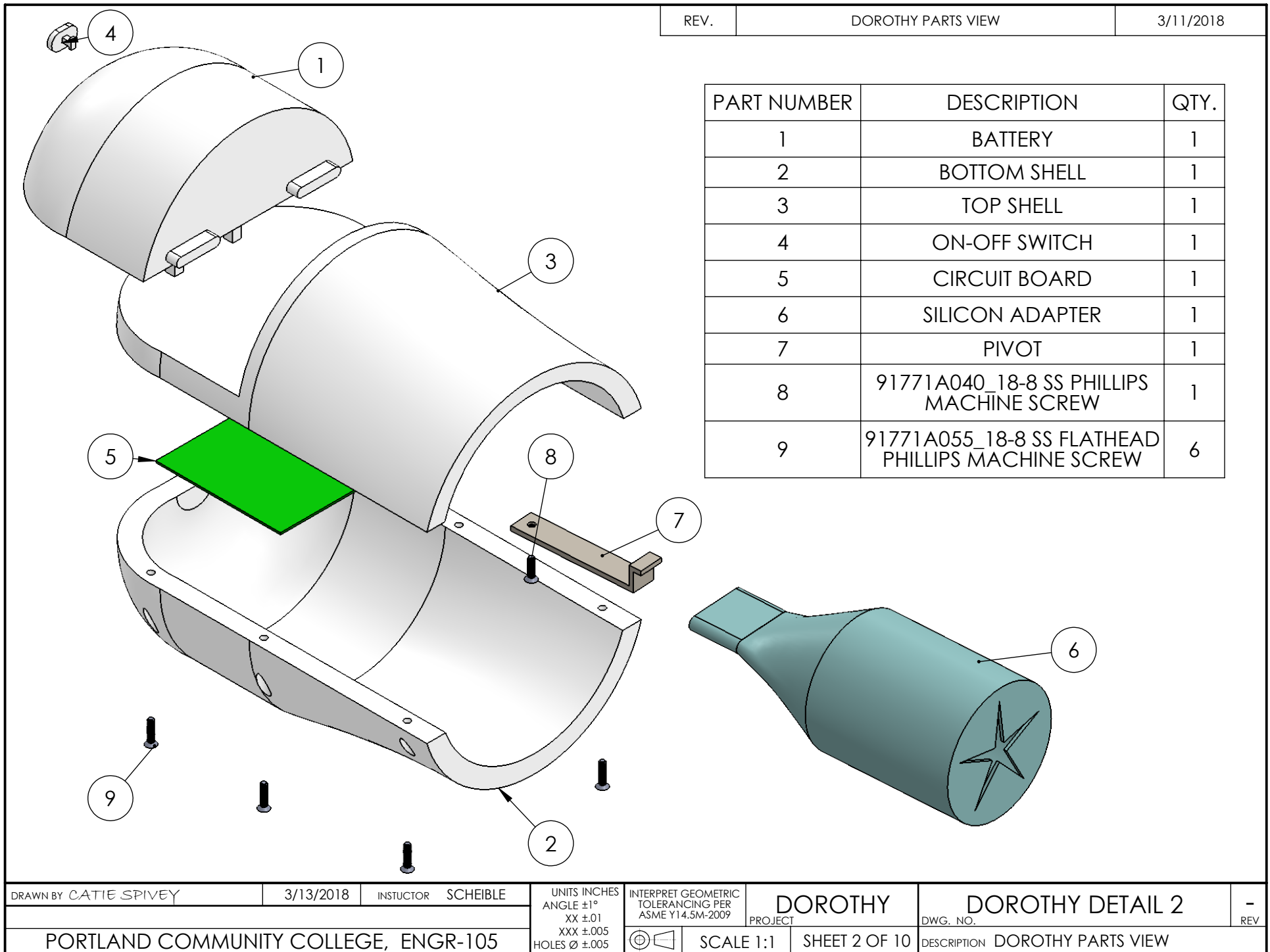
SHEET 1 OF 10

DWG. NO. DOROTHY DETAIL

DESCRIPTION DOROTHY ASSEMBLY VIEWS

-  
REV

PORTLAND COMMUNITY COLLEGE, ENGR-105



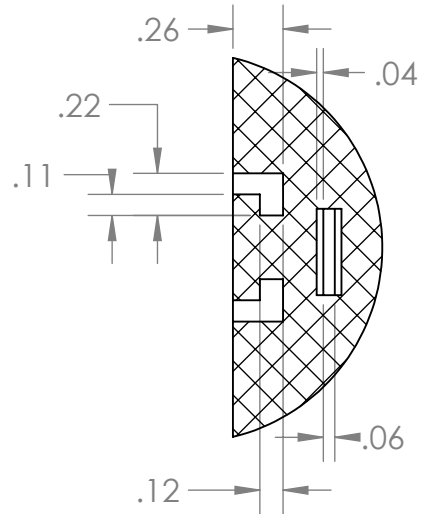
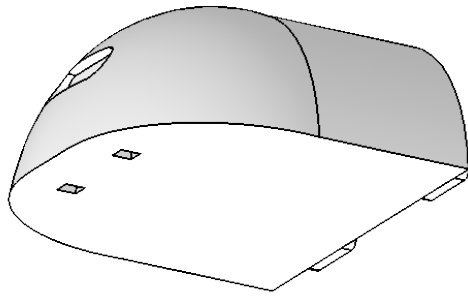
REV.

BATTERY

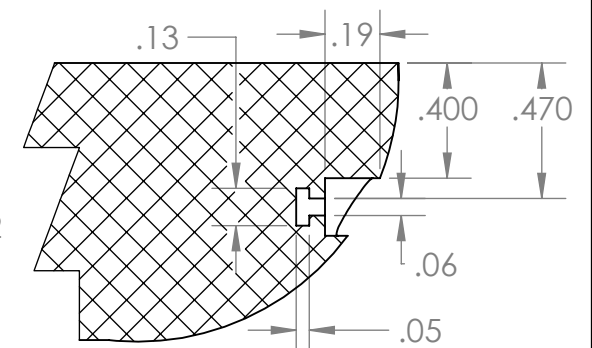
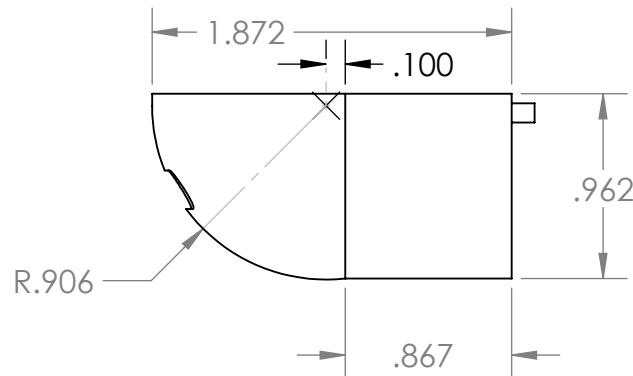
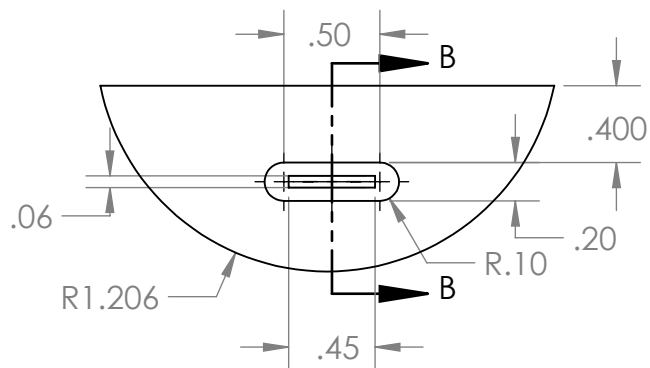
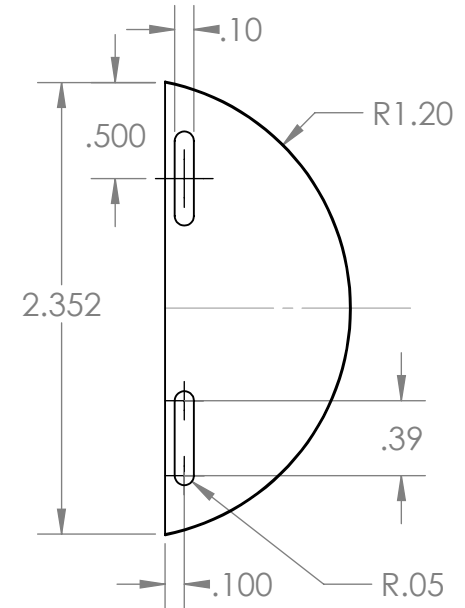
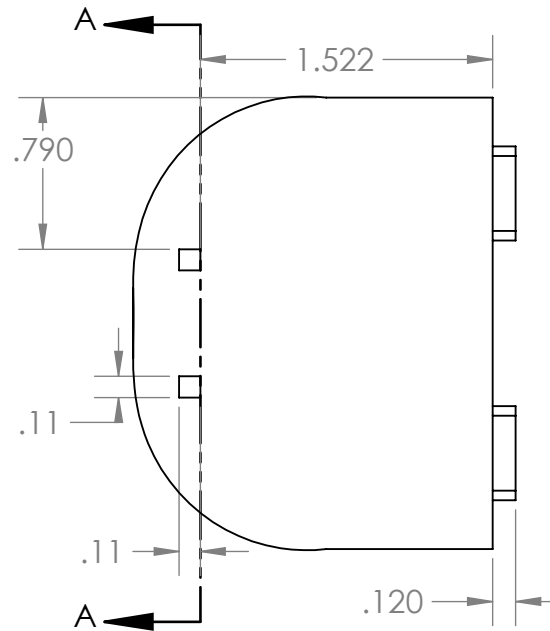
3/7/2018

UNLESS OTHERWISE SPECIFIED:

1. MATL = PVC RIGID
2. FINISH = WHITE GLOSS



SECTION A-A

SECTION B-B  
SCALE 1.5 : 1

DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
ANGLE  $\pm 1^\circ$   
XX  $\pm .01$   
XXX  $\pm .005$   
HOLES  $\varnothing \pm .005$

INTERPRET GEOMETRIC  
TOLERANCING PER  
ASME Y14.5M-2009

PROJECT

DOROTHY

DWG. NO.

PART # 1

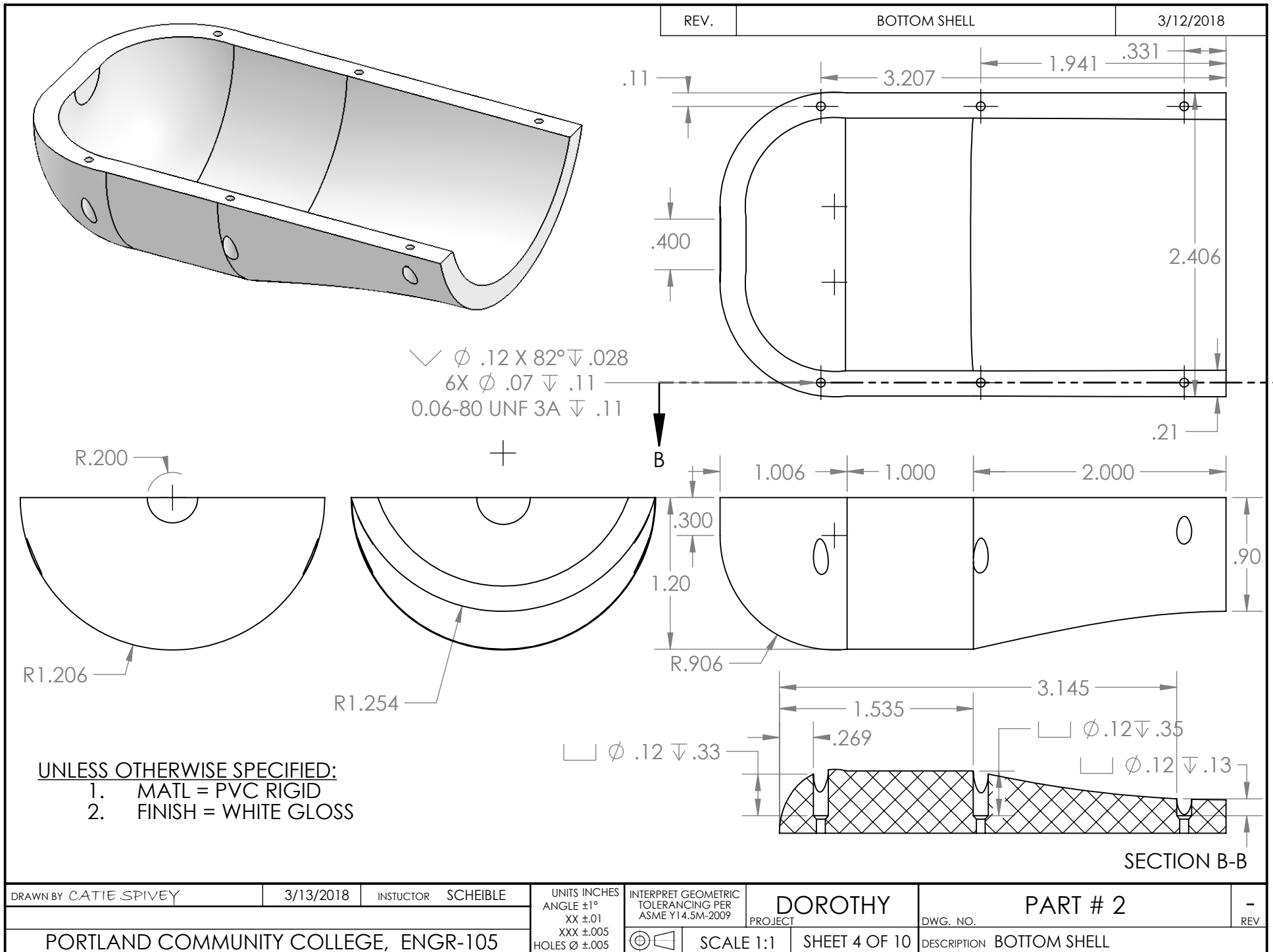
-  
REV

PORTLAND COMMUNITY COLLEGE, ENGR-105

SCALE 1:1

SHEET 3 of 10

DESCRIPTION BATTERY



DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
 ANGLE  $\pm 1^\circ$   
 XX  $\pm .01$   
 XXX  $\pm .005$   
 HOLES  $\phi \pm .005$

INTERPRET GEOMETRIC  
 TOLERANCING PER  
 ASME Y14.5M-2009

PROJECT

DOROTHY

DWG. NO.

PART # 2

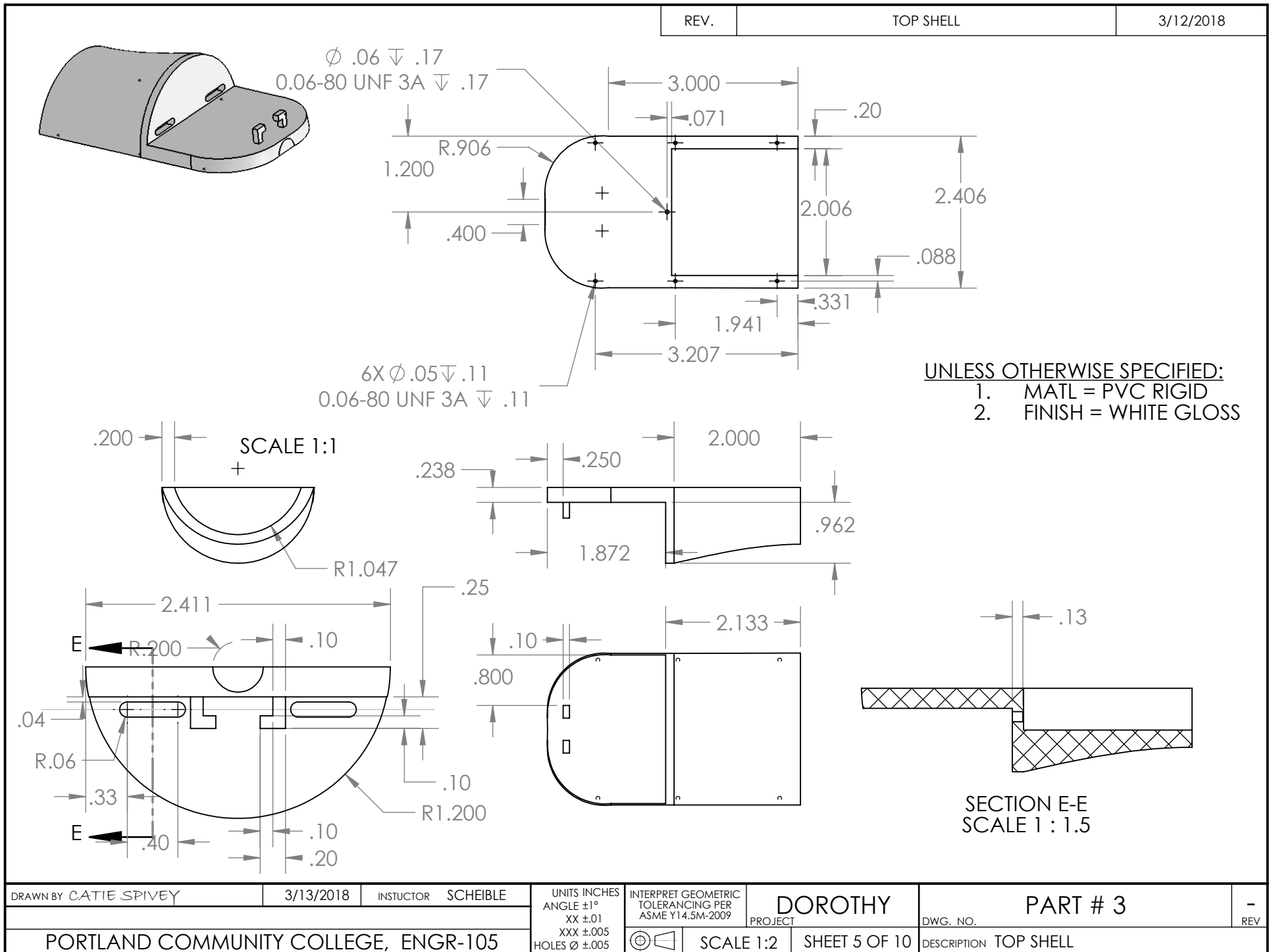
-  
REV

PORTLAND COMMUNITY COLLEGE, ENGR-105

SCALE 1:1

SHEET 4 OF 10

DESCRIPTION BOTTOM SHELL

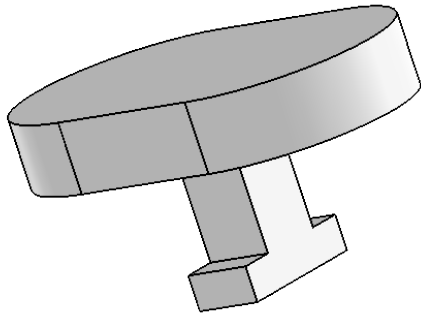


DRAWN BY CATIE SPIVEY	3/13/2018	INSTRUCTOR SCHEIBLE	UNITS INCHES ANGLE $\pm 1^\circ$ XX $\pm .01$ XXX $\pm .005$ HOLES $\phi \pm .005$	INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M-2009	PROJECT DOROTHY	DWG. NO. PART # 3	- REV
PORTLAND COMMUNITY COLLEGE, ENGR-105			SCALE 1:2		SHEET 5 OF 10	DESCRIPTION TOP SHELL	

REV.

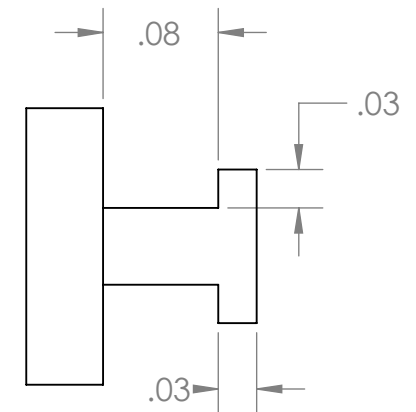
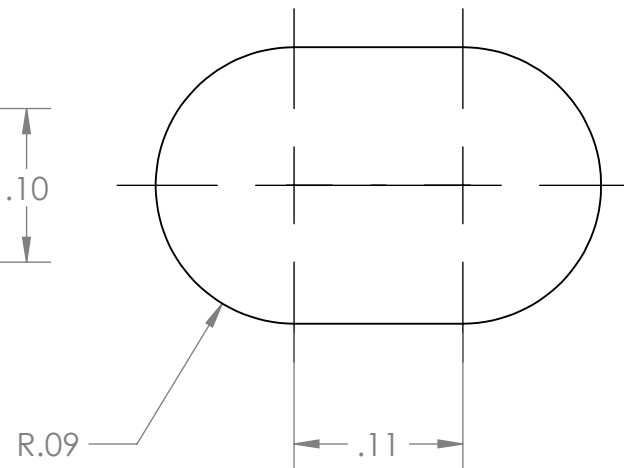
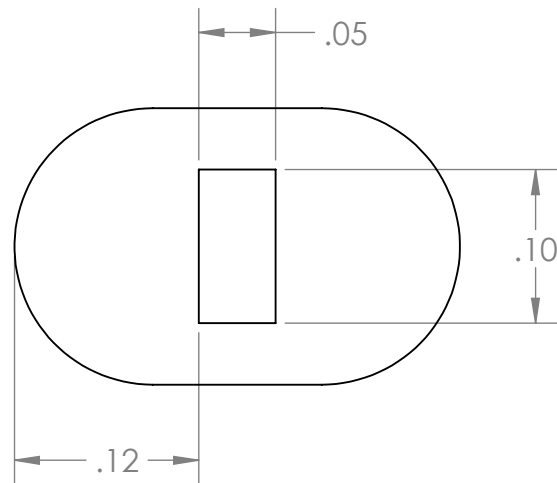
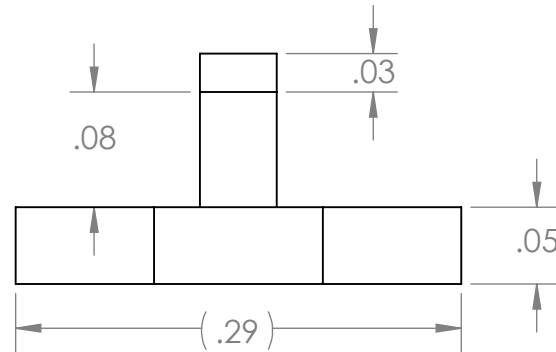
ON-OFF SWITCH

3/10/2018



UNLESS OTHERWISE SPECIFIED:

1. MATL = PVC RIGID
2. FINISH = WHITE GLOSS



DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
 ANGLE  $\pm 1^\circ$   
 XX  $\pm .01$   
 XXX  $\pm .005$   
 HOLES  $\varnothing \pm .005$

INTERPRET GEOMETRIC  
 TOLERANCING PER  
 ASME Y14.5M-2009



SCALE 8:1

PROJECT DOROTHY

SHEET 6 OF 10

DWG. NO.

PART # 4

DESCRIPTION ON-OFF SWITCH

-  
REV

PORTLAND COMMUNITY COLLEGE, ENGR-105

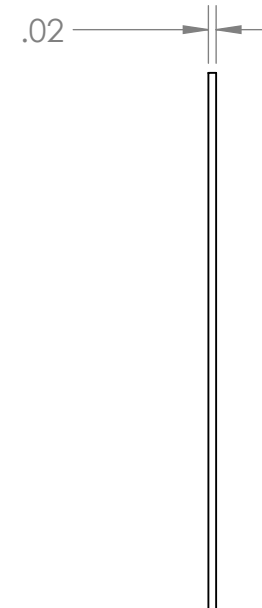
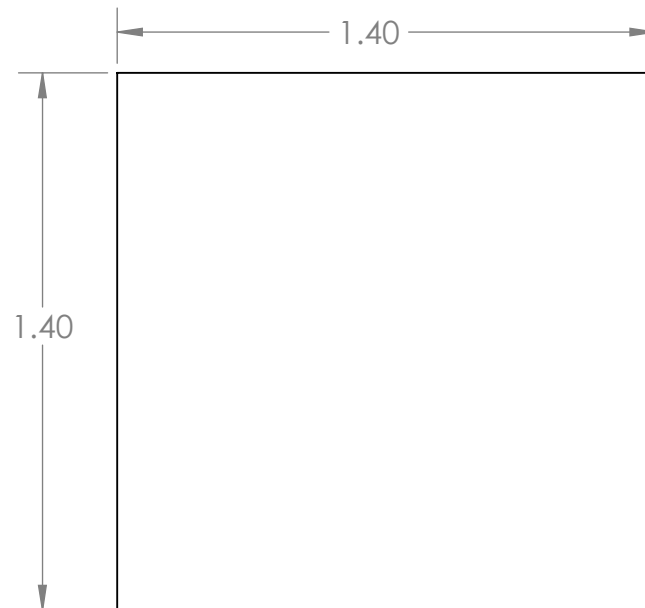
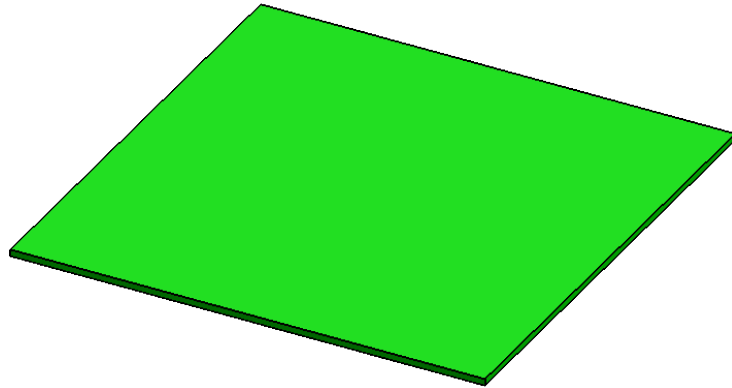
REV.

CIRCUIT BOARD

3/10/2018

UNLESS OTHERWISE SPECIFIED:

1. MATL = FR-2 SYNTHETIC RESIN BONDED PAPER
2. FINISH = MATTE GREEN



DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
ANGLE  $\pm 1^\circ$   
XX  $\pm .01$   
XXX  $\pm .005$   
HOLES  $\varnothing \pm .005$

INTERPRET GEOMETRIC  
TOLERANCING PER  
ASME Y14.5M-2009



SCALE 2:1

PROJECT DOROTHY

SHEET 7 OF 10

DWG. NO.

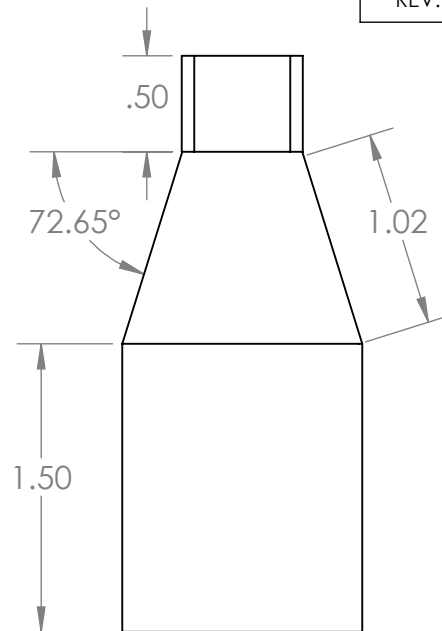
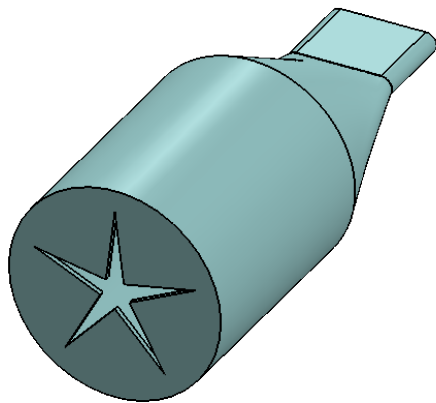
PART # 5

DESCRIPTION CIRCUIT BOARD

-  
REV

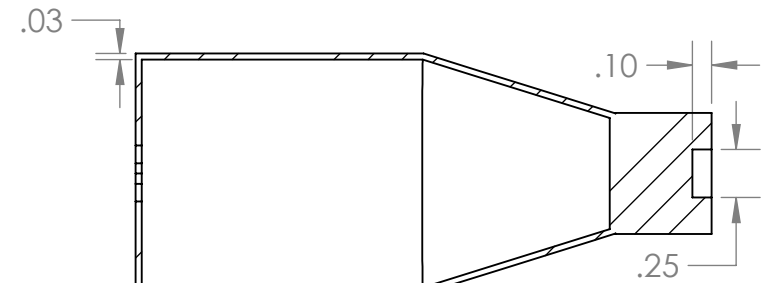
PORTLAND COMMUNITY COLLEGE, ENGR-105

REV.	SILICONE RUBBER ADAPTER	3/12/2018
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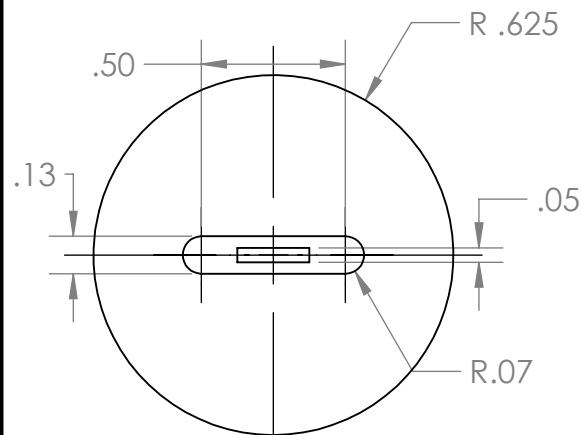


UNLESS OTHERWISE SPECIFIED:

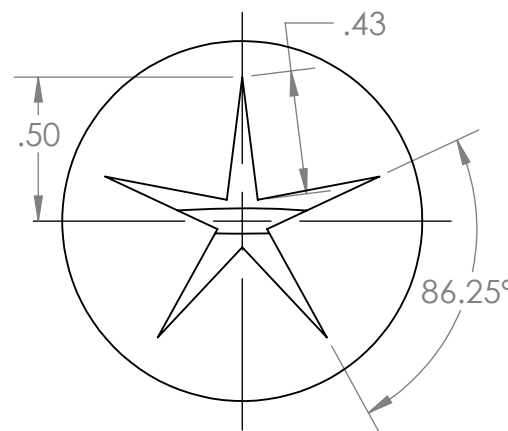
1. MATL = SILICONE RUBBER
2. FINISH = COMMERCIAL



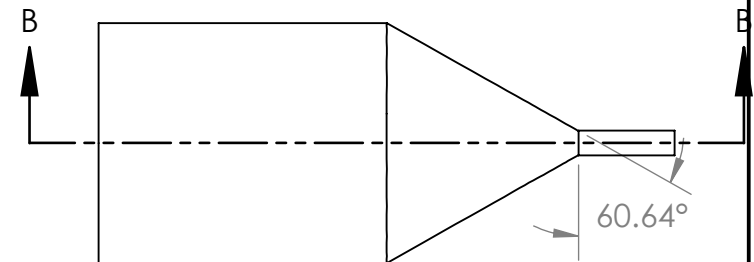
SECTION B-B




SCALE 3:2

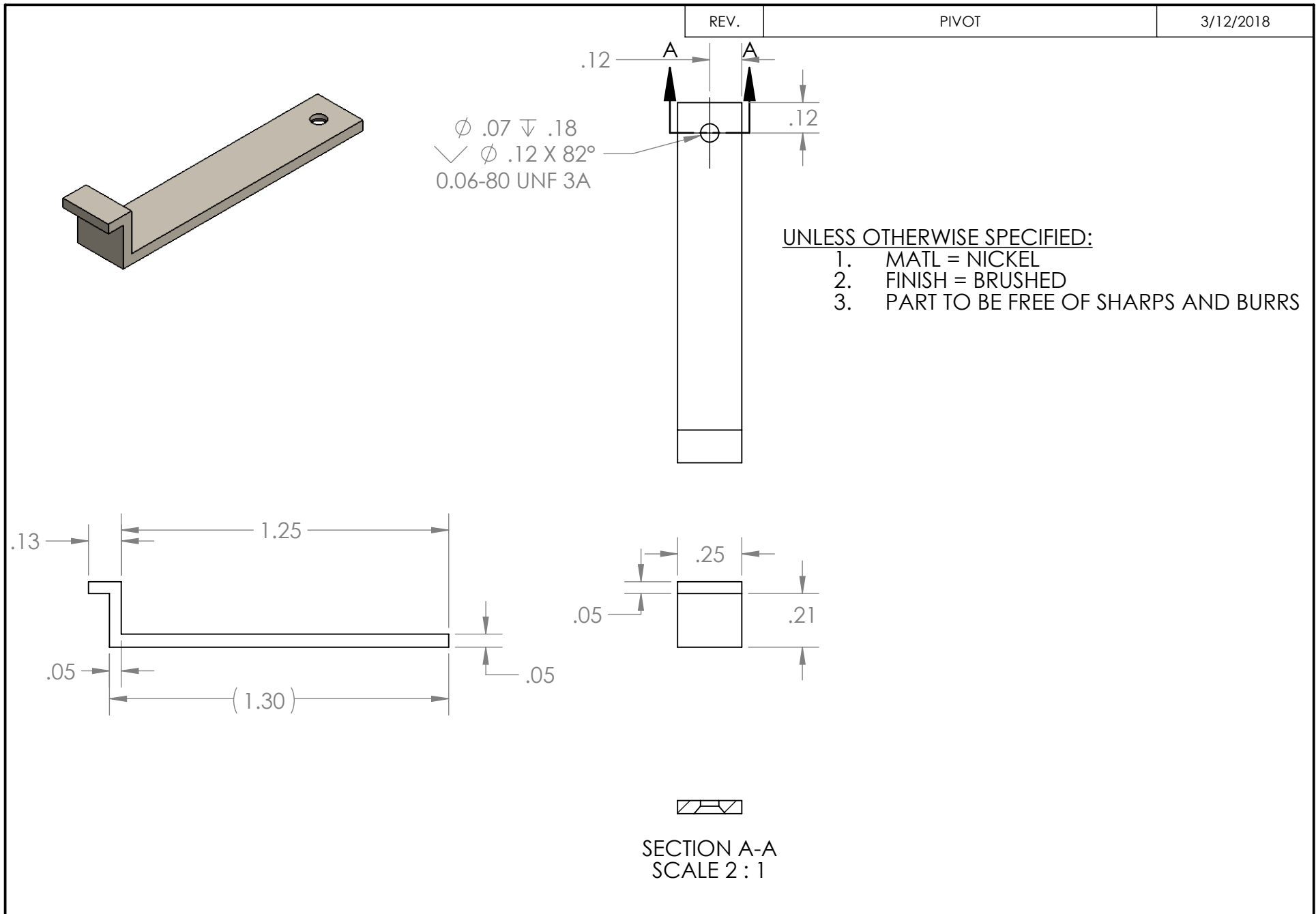


SCALE 3:2



DRAWN BY CATIE SPIVEY		3/13/2018	INSTRUCTOR SCHEIBLE	UNITS INCHES ANGLE ±1° XX ±.01 XXX ±.005 HOLES Ø ±.005	INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M-2009		DOROTHY PROJECT	DWG. NO. PART # 6	- REV
PORTLAND COMMUNITY COLLEGE, ENGR-105						SCALE 1:1			
DESCRIPTION SILICONE RUBBER ADAPTER									



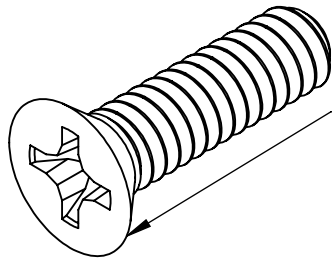


DRAWN BY CATIE SPIVEY	3/13/2018	INSTRUCTOR SCHEIBLE	UNITS INCHES ANGLE $\pm 1^\circ$ XX $\pm .01$ XXX $\pm .005$ HOLES $\phi \pm .005$	INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M-2009	PROJECT DOROTHY	DWG. NO. PART # 7	- REV
PORTLAND COMMUNITY COLLEGE, ENGR-105				SCALE 2:1	SHEET 7 OF 10	DESCRIPTION PIVOT	

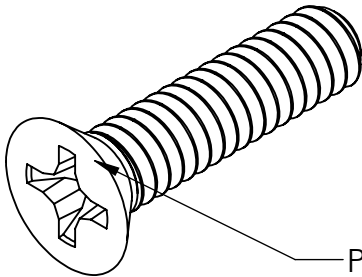
REV.

SCREWS

3/11/2018



PART # 8  
91771A040\_18-8 SS FLATHEAD PHILLIPS MACHINE SCREW



PART # 9  
91771A055\_18-8 SS FLATHEAD PHILLIPS MACHINE SCREW  
X 6

DRAWN BY CATIE SPIVEY

3/13/2018

INSTRUCTOR SCHEIBLE

UNITS INCHES  
ANGLE  $\pm 1^\circ$   
XX  $\pm .01$   
XXX  $\pm .005$   
HOLES  $\varnothing \pm .005$

INTERPRET GEOMETRIC  
TOLERANCING PER  
ASME Y14.5M-2009



SCALE 8:1

PROJECT DOROTHY

SHEET 10 OF 10

DWG. NO. PARTS # 8 AND # 9

DESCRIPTION SCREWS

-  
REV

PORTLAND COMMUNITY COLLEGE, ENGR-105