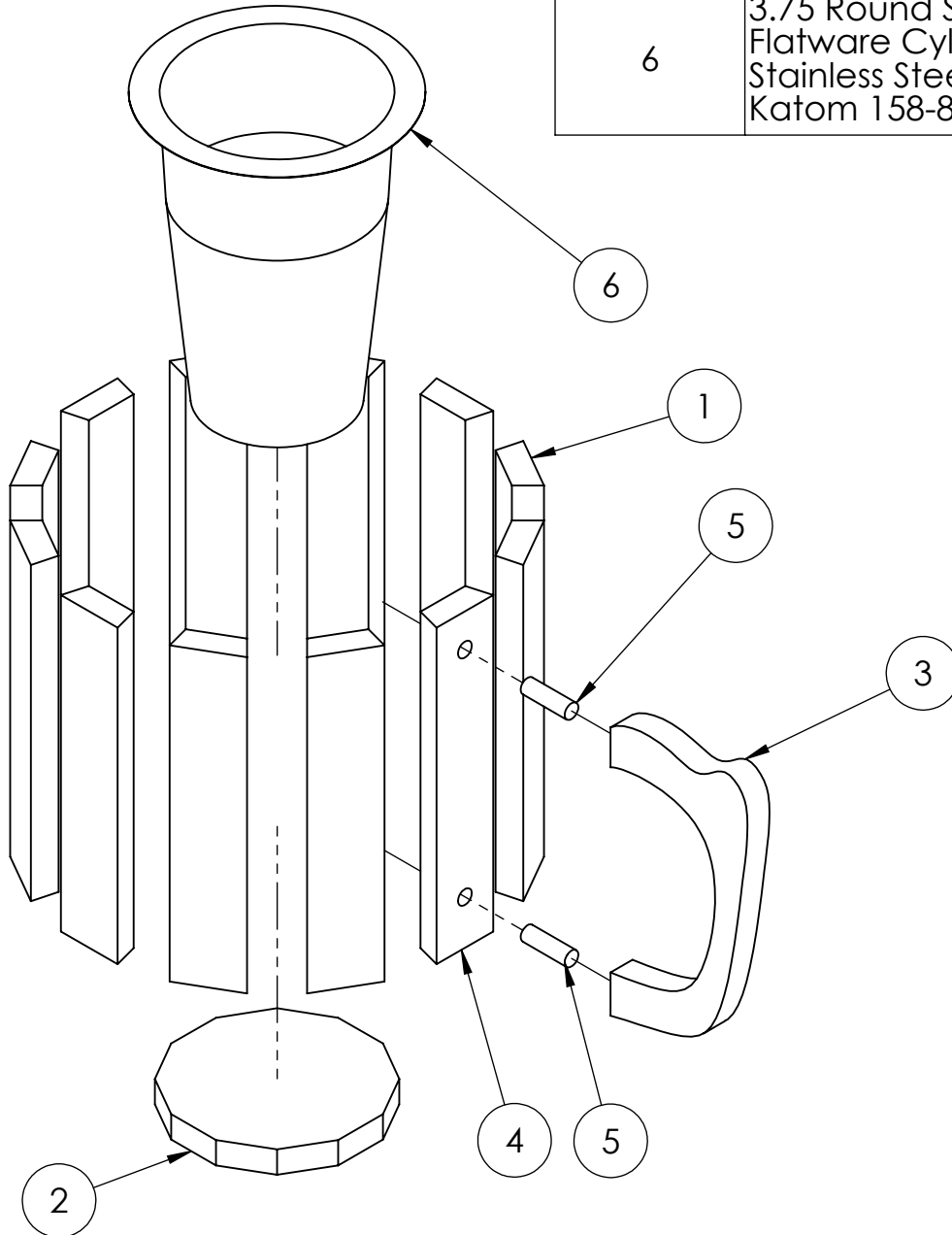
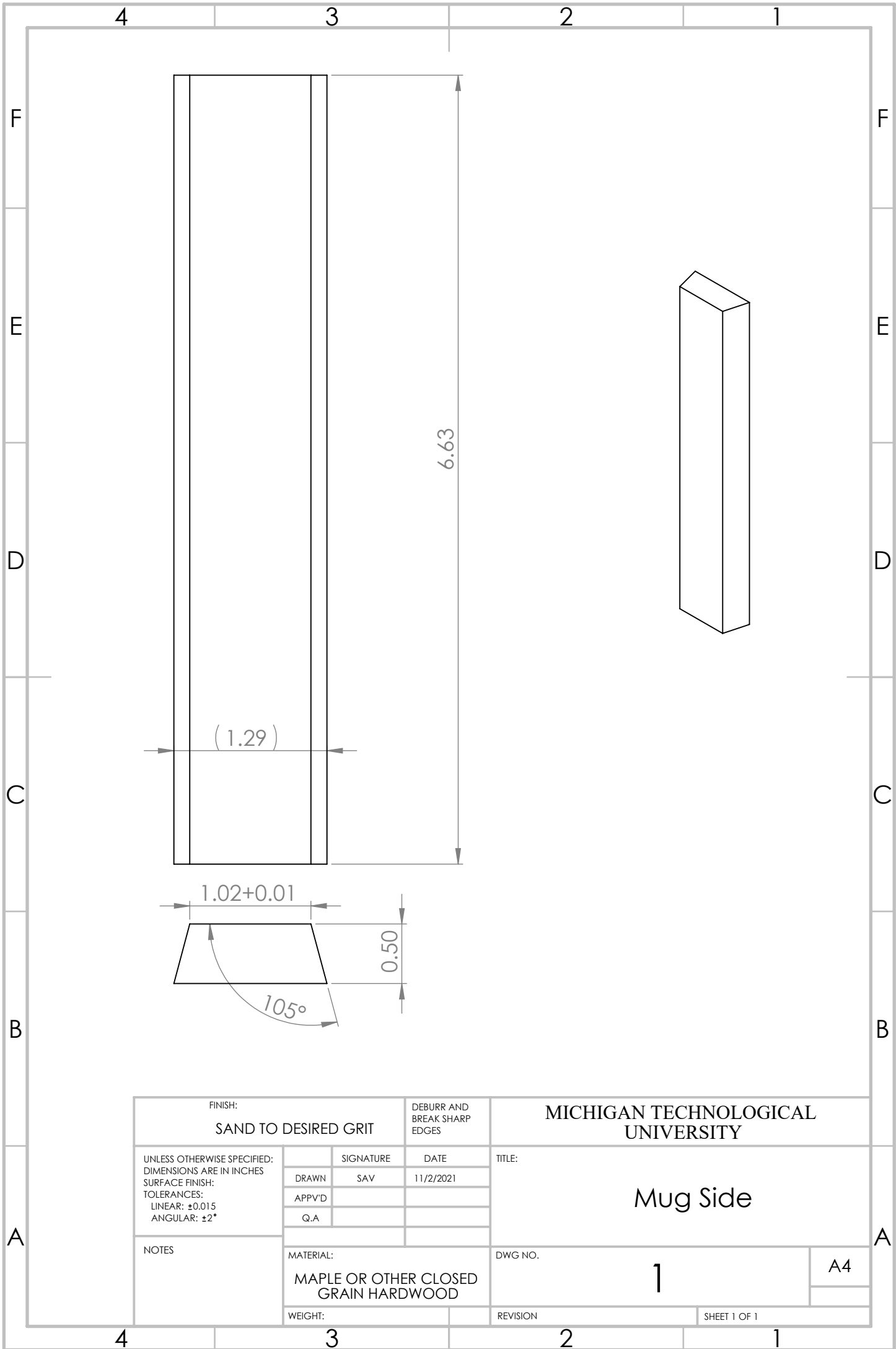


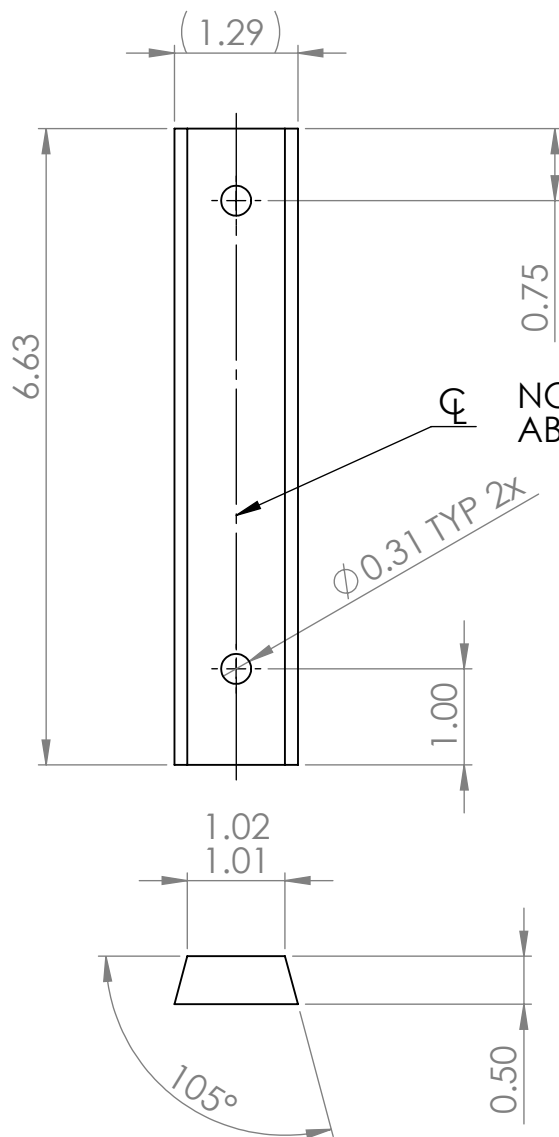
ITEM NO.	PART NUMBER	QTY.
1	Mug Side	11
2	Mug Bottom	1
3	Handle	1
4	Mug Side Handle Mount	1
5	0.3125 Dowel 1 in Long	2
6	3.75 Round Solid Flatware Cylinder, Stainless Steel, Katom 158-80113	1



FINISH: COAT WOOD IN POLYURETHANE OR SIMILAR FINISH		DEBURR AND BREAK SHARP EDGES		MICHIGAN TECHNOLOGICAL UNIVERSITY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: $\pm 0.015$ ANGULAR: $\pm 2^\circ$	SIGNATURE		DATE	TITLE:  MugAssem	
	DRAWN SAV		11/2/2021		
	APPV'D				
	Q.A				
NOTES INSERT DOWELS WITH WOOD GLUE, PRESS FIT INTO HANDLE.		MATERIAL:		DWG NO.	
				0	
		WEIGHT: ~4 LBS		REVISION	
				SHEET 1 OF 1	

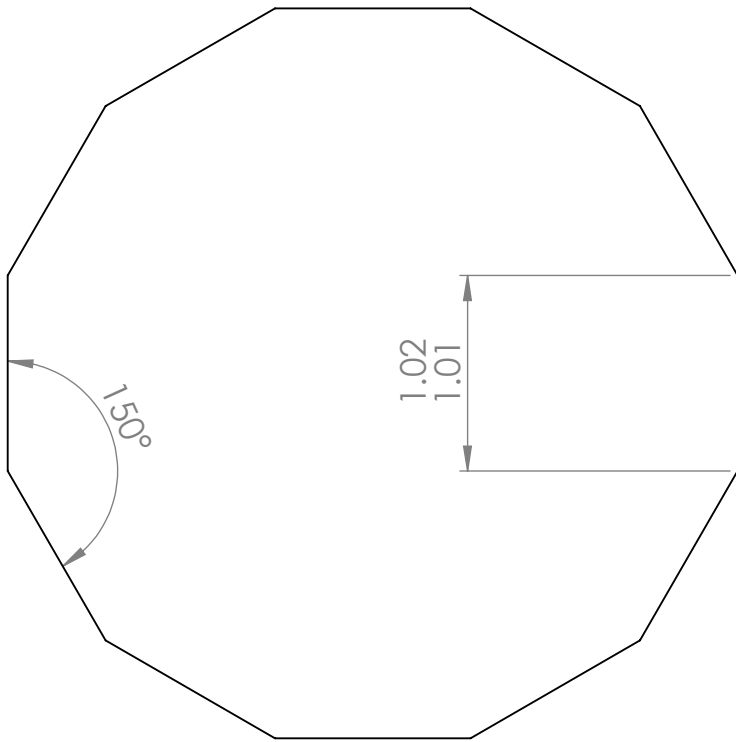


FINISH: SAND TO DESIRED GRIT		DEBURR AND BREAK SHARP EDGES		MICHIGAN TECHNOLOGICAL UNIVERSITY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: ±0.015 ANGULAR: ±2°		SIGNATURE	DATE	TITLE:  Mug Side	
	DRAWN	SAV	11/2/2021		
	APPV'D				
	Q.A				
NOTES				DWG NO.  1	
	MATERIAL:				
	MAPLE OR OTHER CLOSED GRAIN HARDWOOD				
WEIGHT:				REVISION	SHEET 1 OF 1

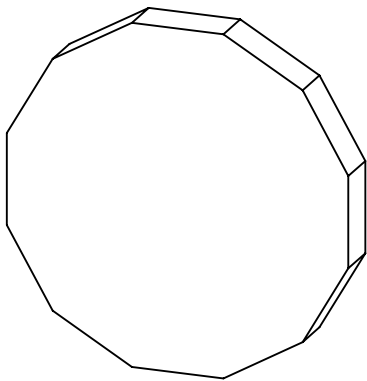
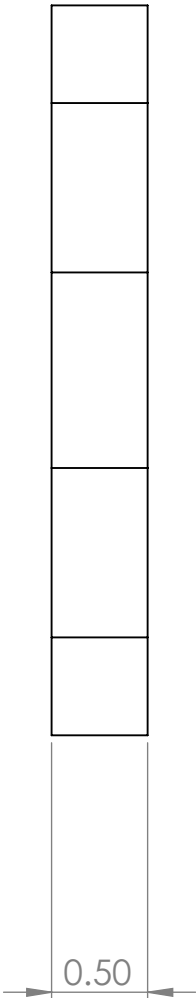


FINISH: SAND TO DESIRED GRIT		DEBURR AND BREAK SHARP EDGES		MICHIGAN TECHNOLOGICAL UNIVERSITY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: $\pm 0.015$ ANGULAR: $\pm 2^\circ$		SIGNATURE	DATE	TITLE:  Mug Side Handle Mount	
	DRAWN	SAV	11/2/2021		
	APPV'D				
	Q.A				
NOTES	MATERIAL:			DWG NO.	
	MAPLE OR OTHER CLOSED GRAIN HARDWOOD			3	
	WEIGHT:			REVISION	
					SHEET 1 OF 1

A4



NOTE: STANDARD DODECAGON. 12  
DIMENSIONALLY EQUIVALENT SIDES



FINISH: SAND TO DESIRED GRIT		DEBURR AND BREAK SHARP EDGES		MICHIGAN TECHNOLOGICAL UNIVERSITY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: $\pm 0.015$ ANGULAR: $\pm 2^\circ$		SIGNATURE	DATE	TITLE:  Mug Bottom	
	DRAWN	SAV	11/2/2021		
	APPV'D				
	Q.A				
NOTES	MATERIAL: MAPLE OR OTHER CLOSED GRAIN HARDWOOD			DWG NO. 2	A4
	WEIGHT:			REVISION	SHEET 1 OF 1

0.50 TYP 2x

Ø 0.31 TYP 2x

3.12

NOTE: IT IS STRONGLY RECOMMENDED MAKER  
DRILLS HOLES IN SIDE BEFORE CUTTING OUT PROFILE  
OF THE HANDLE. TO CUT OUT PROFILE, SEE ATTACHED  
DXF, OR DESIGN YOUR OWN USING THE SCROLL SAW.

FINISH:

SAND TO DESIRED GRIT

DEBURR AND  
BREAK SHARP  
EDGES

MICHIGAN TECHNOLOGICAL  
UNIVERSITY

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
SURFACE FINISH:  
TOLERANCES:  
LINEAR:  $\pm 0.015$   
ANGULAR:  $\pm 2^\circ$

	SIGNATURE	DATE
DRAWN	SAV	11/2/2021
APPV'D		
Q.A		

TITLE:

Handle

NOTES:  
FOLLOW THE  
MANUFACTURING  
RECOMMENDATIONS  
OUTLINED ABOVE

MATERIAL:  
MAPLE OR OTHER CLOSED  
GRAIN HARDWOOD

DWG NO.

4

A4

WEIGHT:

REVISION

SHEET 1 OF 1