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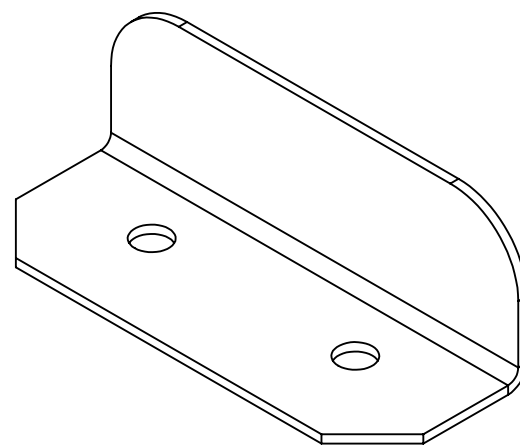
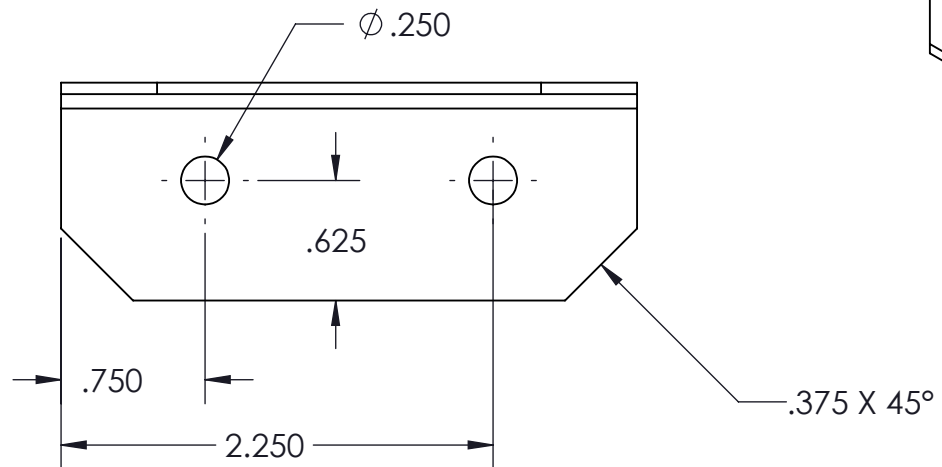
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F

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NOTES:

1.) MATERIAL: 16 GAUGE A36 STEEL



E

E

DRAWING REQUIREMENTS:

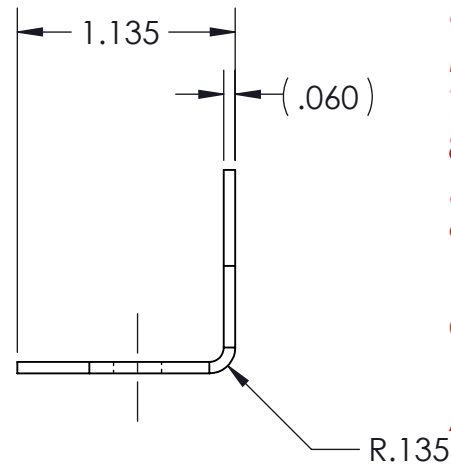
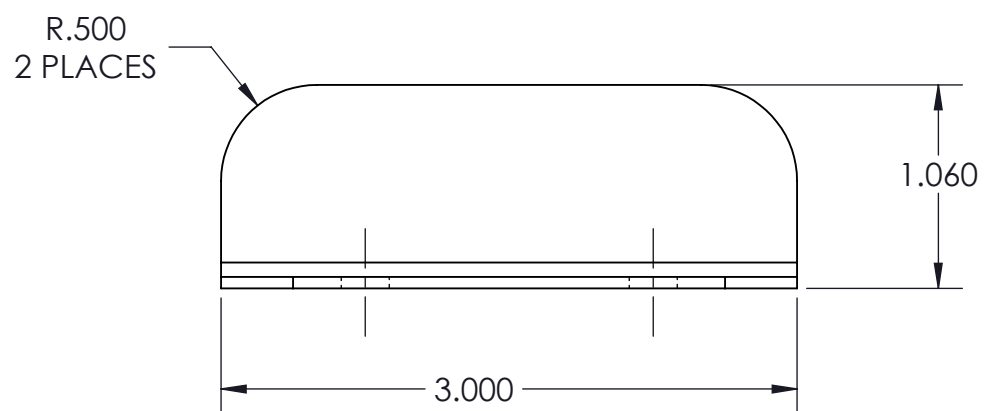
- 1.) TEXT SHOULD ALWAYS BE IN CAPITALS.
- 2.) VIEWS MUST ALWAYS BE ALIGNED ACCORDING TO THE "GLASS BOX" RULE.
- 3.) THERE SHOULD NEVER BE TEXT OR GRAPHICS UNDER THE REVISION BLOCK
- 4.) THE TITLE BLOCK SHOULD BE PROPERLY FILLED OUT AS YOU SEE BELOW.
- 5.) FEATURES SHOULD NEVER BE "DOUBLE DIMENSIONED". THERE SHOULD BE JUST ENOUGH DIMENSIONS ON THE PRINT FOR A MACHINIST TO MAKE THE PART.
- 6.) WHENEVER POSSIBLE, DIMENSION FROM A SURFACE THAT A MACHINIST CAN PHYSICALLY CONTACT TO MEASURE FROM.
- 7.) HOLES SHOULD HAVE PROPER CALLOUTS.
- 8.) A MATERIAL SHOULD ALWAYS BE SPECIFIED **BY ALLOY**. ie. 6061-T6 ALUMINUM, 1018 STEEL, PH17-4 STAINLESS STEEL
- 9.) ANY COATINGS OR ANODIZING SHOULD BE CALLED OUT.
- 10.) IF POSSIBLE, CHOOSE DIMENSIONS WHICH CAN BE CHECKED WITH CALIPERS.
- 11.) HOLES SHOULD HAVE CENTERMARKS WHEN VIEWED AXIALLY AND CENTERLINES WHEN VIEWED IN PROFILE.
- 12.) HIDDEN LINES SHOULD BE TURNED ON IN THE ORTHOGRAPHIC VIEWS AND TURNED OFF IN THE ISOMETRIC VIEW.
- 13.) THREADS SHOULD ALWAYS BE REPRESENTED COSMETICALLY, **NEVER EXPLICITLY**

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B

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PAGE 1- CREATE A FULLY DIMENSIONED DRAWING PRECISELY THE WAY YOU WANT THE PART AT INSTALLATION.

A

A

THIRD ANGLE PROJECTION		DRAWN S. ABBADDESSA	DATE 10/26/17	UNIVERSITY OF MAINE MECHANICAL ENGINEERING	
		CHECKED	DATE	DRAWING TITLE BRACKET	
TOLERANCES UNLESS OTHERWISE SPECIFIED: X.X +/- .030 X.XX +/- .015 X.XXX +/- .005				SIZE B	PART NUMBER: 001
				SCALE 2:1	SHEET SHEET 1 OF 2
				REV 1	

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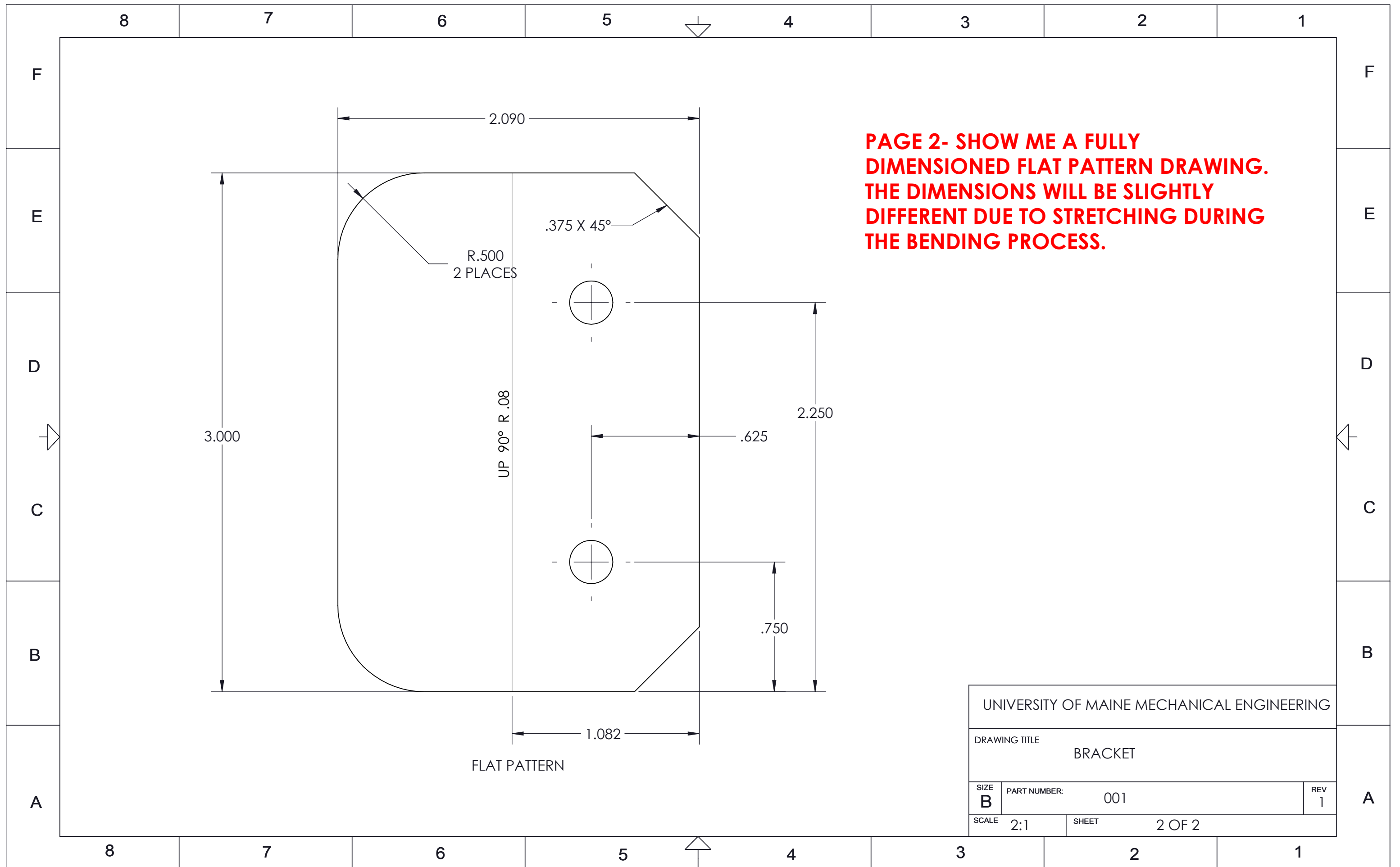


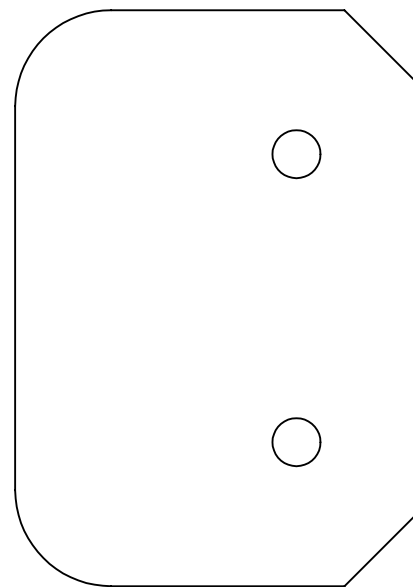
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**PAGE 3- SHOW ME A FLAT PATTERN
DRAWING OF ONLY THE EDGES AT 1:1
SCALE. THIS IS FOR GENERATING A DXF
FILE FOR AUTOMATED CUTTING. THERE
SHOULD BE EDGES ONLY. THAT MEANS
NO DRAWING BORDER, CENTERMARKS,
CENTERLINES, DIMENSIONS.....NOTHING
BUT EDGES.**

**DO NOT INCLUDE THIS PAGE IN
DRAWING PACKAGES. IT IS FOR
MANUFACTURING ONLY.**