

New SolidWorks Document

Templates

Default Templates

Tutorial



Part



Assembly



Drawing



Preview

Novice

OK

Cancel

Help

Select a document template.

templates

Lists of Slides

12 - sw10 - Drawing ...

12sw10 - Drawing Cr...

SolidWorks Premium...

Adobe Photoshop

EN

3:36 PM



Sheet Format/Size

☒ Standard sheet size

☐ Only show standard formats

A4 (GOST)
A1 (GB)
A2 (GB)
A3 (GB)
A4 (GB)
a4 - landscape - mcgill

a4 - landscape - mcgill Browse...

☒ Display sheet format

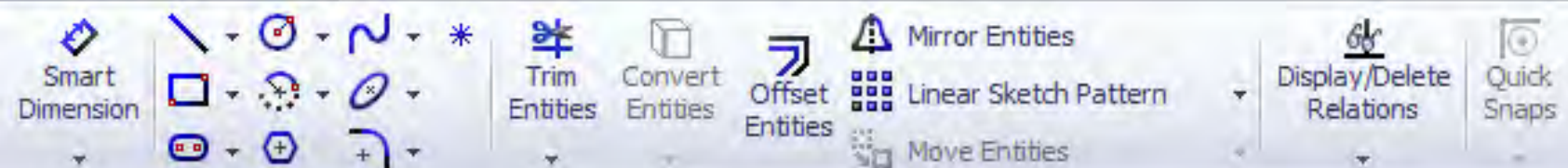
☐ Custom sheet size

Width: Height:

Preview:

Width: 297.00mm
Height: 210.00mm

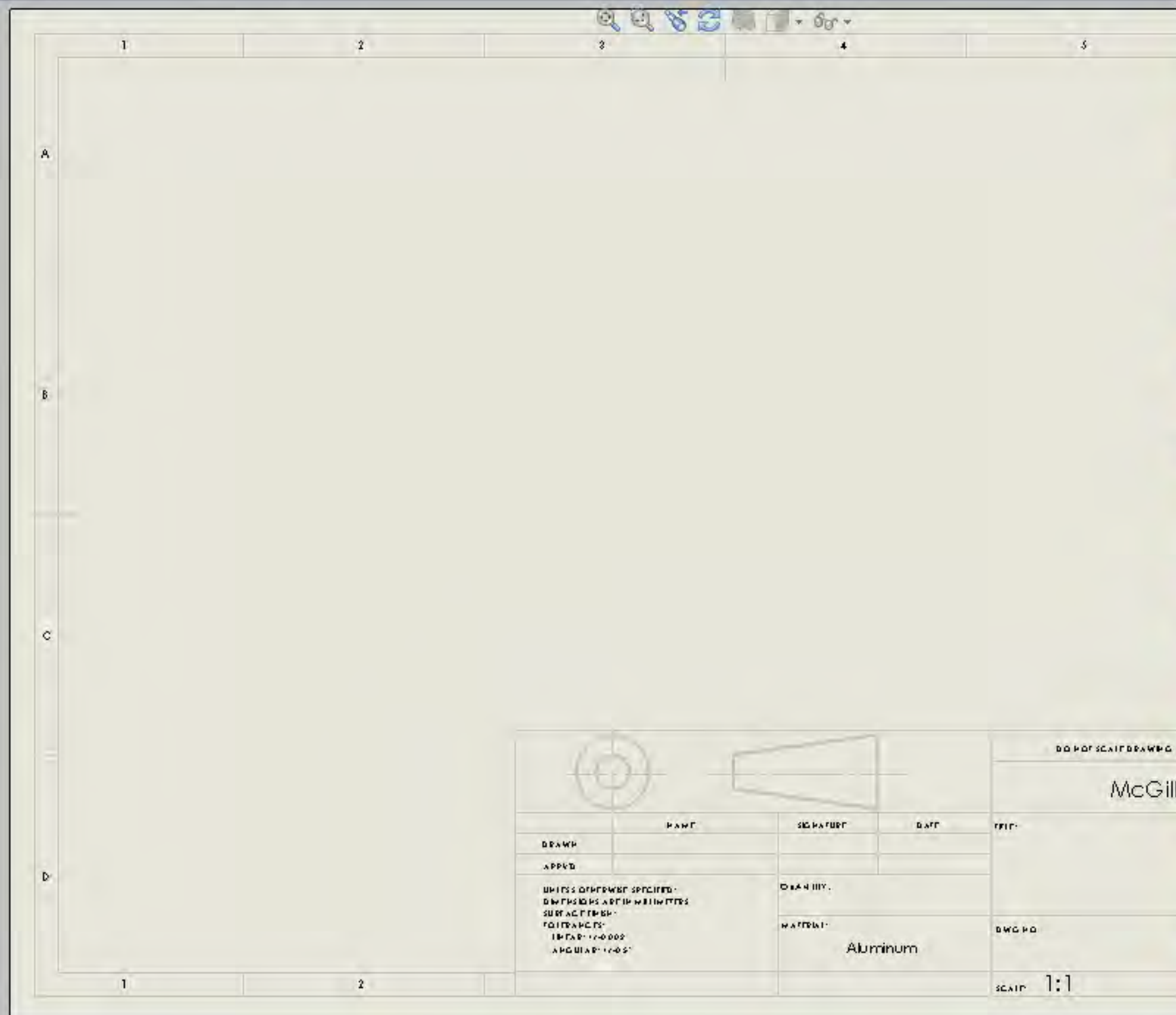
OK Cancel Help



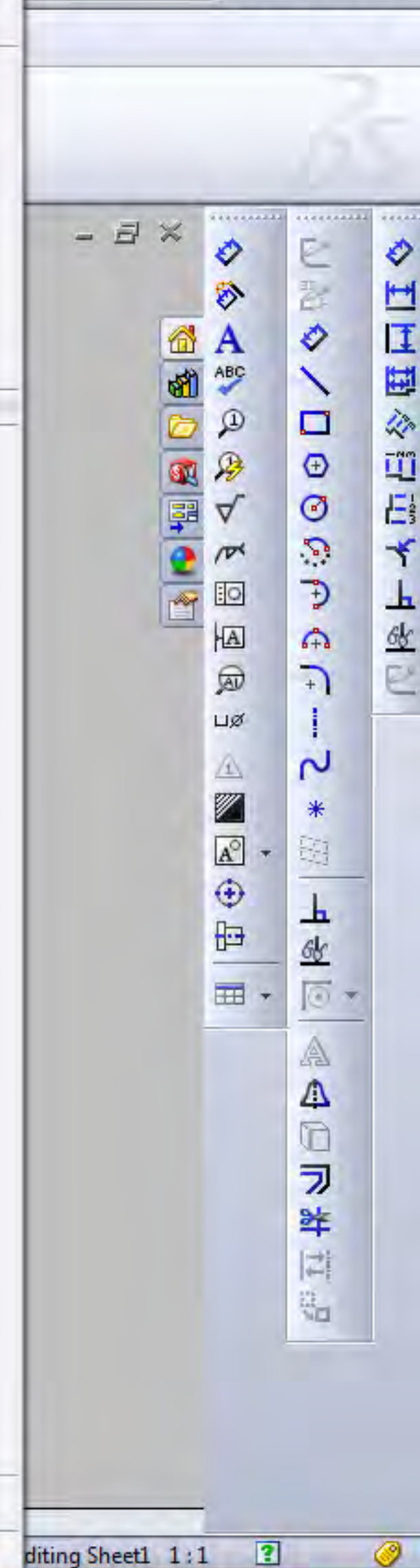
View Layout Annotation Sketch Evaluate

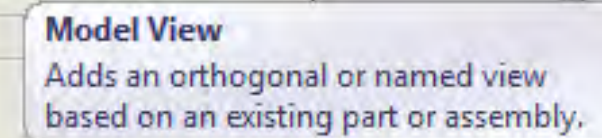


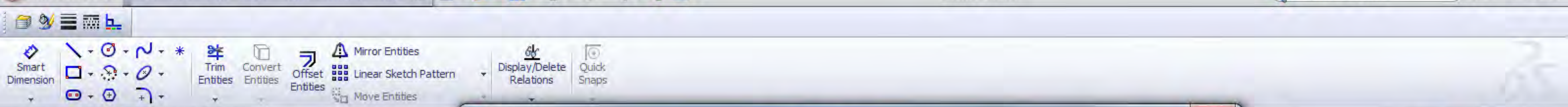
Draw3
Annotations
Sheet1



- CommandManager
- Use Large Buttons with Text
- 2D to 3D
- Align
- Annotation
- Assembly
- Blocks
- Curves
- Dimensions/Relations
- DimXpert
- Display States
- Drawing
- Explode Sketch
- Fastening Feature
- Features
- Formatting
- Layer
- Layout Tools
- Line Format
- Macro
- Mold Tools
- MotionManager
- Quick Snaps
- Reference Geometry
- Screen Capture
- Selection Filter
- Sheet Metal
- Sketch
- SolidWorks Office
- Spline Tools
- Standard
- Standard Views
- Surfaces
- Table
- Task Pane
- Tools
- View
- View (Heads-Up)
- Web
- Weldments
- Customize...
- Customize Menu







Model View

Message

Select a part or assembly from which to create the view, then click Next.

Part/Assembly to Insert

Open documents:

Browse...

Options

☒ Start command when creating new drawing

Cosmetic Thread Display

☐ High quality

☐ Draft quality

Open

Course > MECH289 > SW 2010 Lectures > Lecture Model

Search Lecture Model

Organize New folder

Downloads Recent Places Desktop Libraries Documents Music Pictures Videos Alexei Computer ACER (C:) Work Data (D:) DVD RW Drive (F:)

Name	Date modified
19 - Inner Pipe Short Version	29/11/2011 6
26 - Pumpcover	29/11/2011 7
29 - Pumpbody	29/11/2011 6
58 - Magnet	29/11/2011 4
61 - Magnet Holder S	29/11/2011 4
62 - Magnet Holder Washer	29/11/2011 4
67 - O-ring - Bottom Barem Gasket	29/11/2011 6
Assem1	29/11/2011 5
Hook	28/11/2011 1
Nut	29/11/2011 7
Part1	28/11/2011 9
Pump Cover	21/11/2011 8

Type: SolidWorks Part Document
Last Saved By: Alexei
Size: 6.6084 Mb

Advanced Configurations Do not load hidden components

References... Display States (linked)

File name: 26 - Pumpcover SolidWorks Files (*.sldprt; *.sldasm)

Open Cancel

McGill University

DATE	SIGNATURE	DATE	FILE
DATE	SIGNATURE	DATE	FILE
DATE	SIGNATURE	DATE	FILE

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH
TOLERANCES
ISOTAP 11-0002
ANGULAR 11-002

Aluminum

Scale 1:1

Sheet 1 of 1



View Layout Annotation Sketch Evaluate

Model View ?

Message

Please select a named view from the list below and then place the view.

Note that the list of orientations corresponds to the named views saved in the model.

Reference Configuration

По умолчанию

Orientation

☐ Create multiple views

Standard views:

More views:

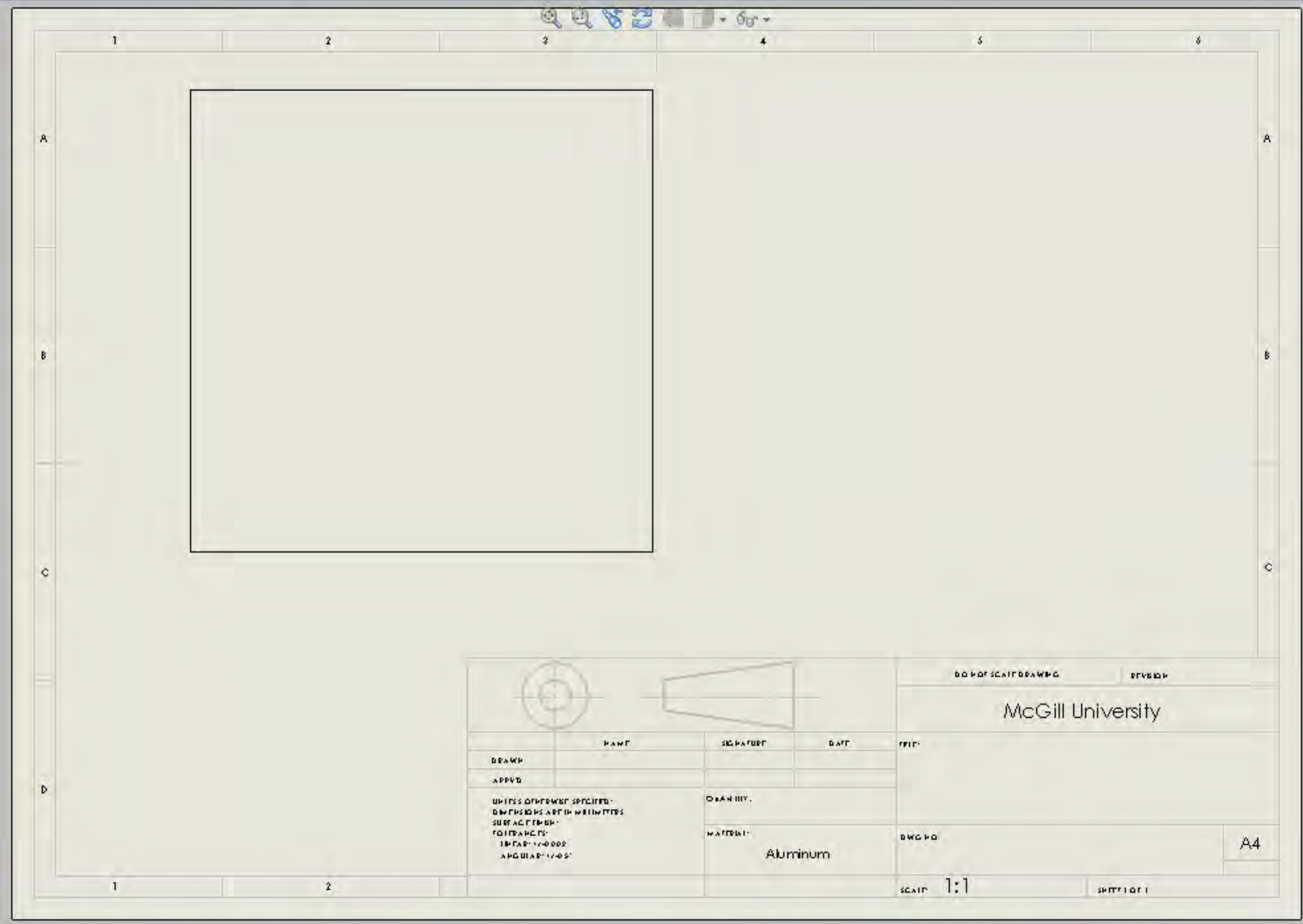
*Dimetric
*Trimetric

☐ Preview

Import options

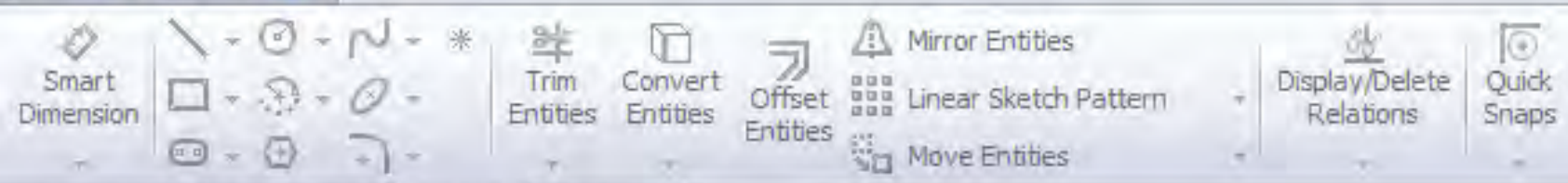
☐ Import annotations

☐ Design annotations



DO NOT SCALE DRAWING		REVISION	
McGill University			
DESIGNER	NAME	SIGNATURE	DATE
APPROVED			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH TOLERANCES LINEAR: 12-0.002 ANGULAR: 12-0.5°		MATERIAL: Aluminum	
		DWG NO.	A4
		SCALE	1:1
		SHEET 1 OF 1	

Vertical toolbar with various icons for view manipulation, including pan, zoom, and section view tools.



View Layout Annotation Sketch Evaluate

Projected View ?

Message
Click in the graphics area to place the new view.

Arrow
A+
A+

Display State
<По умолчанию> Di

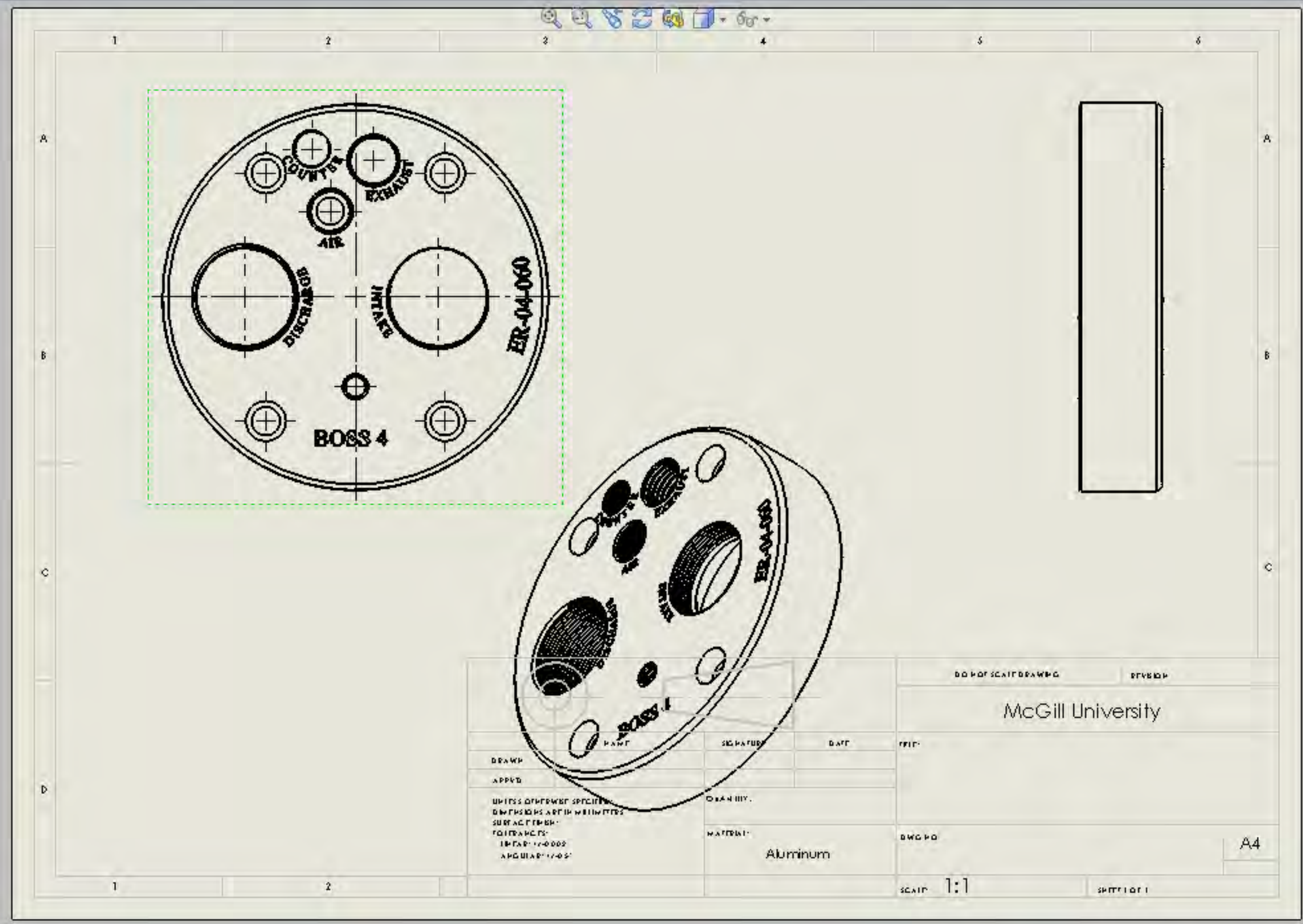
Display Style
☒ Use parent style


Scale
☒ Use parent scale
☐ Use sheet scale
☐ Use custom scale
1:1
1:1

Dimension Type
☒ Projected
☐ True

Cosmetic Thread Display

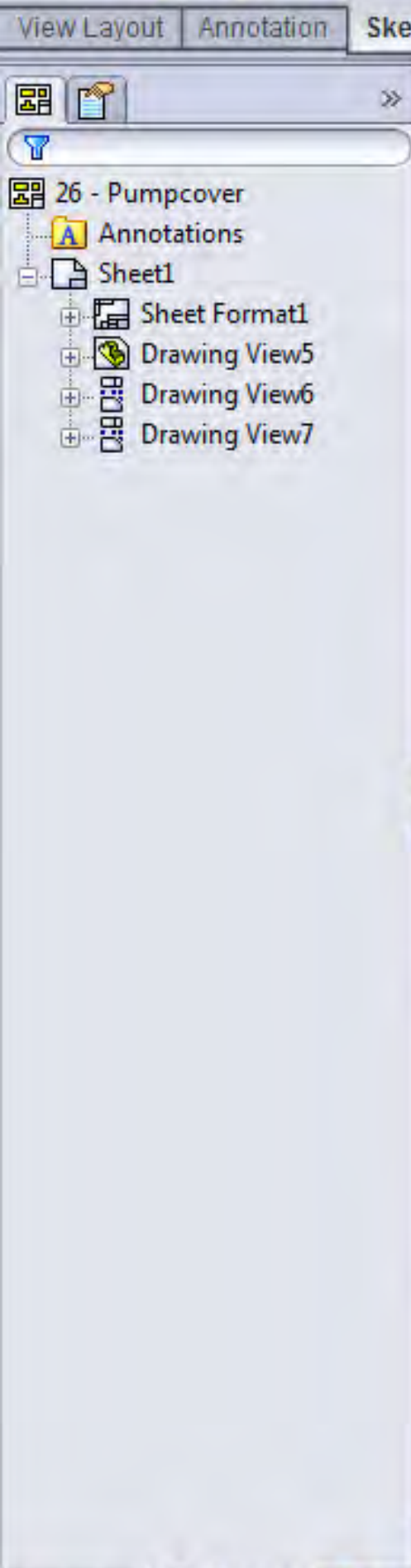
Sheet1

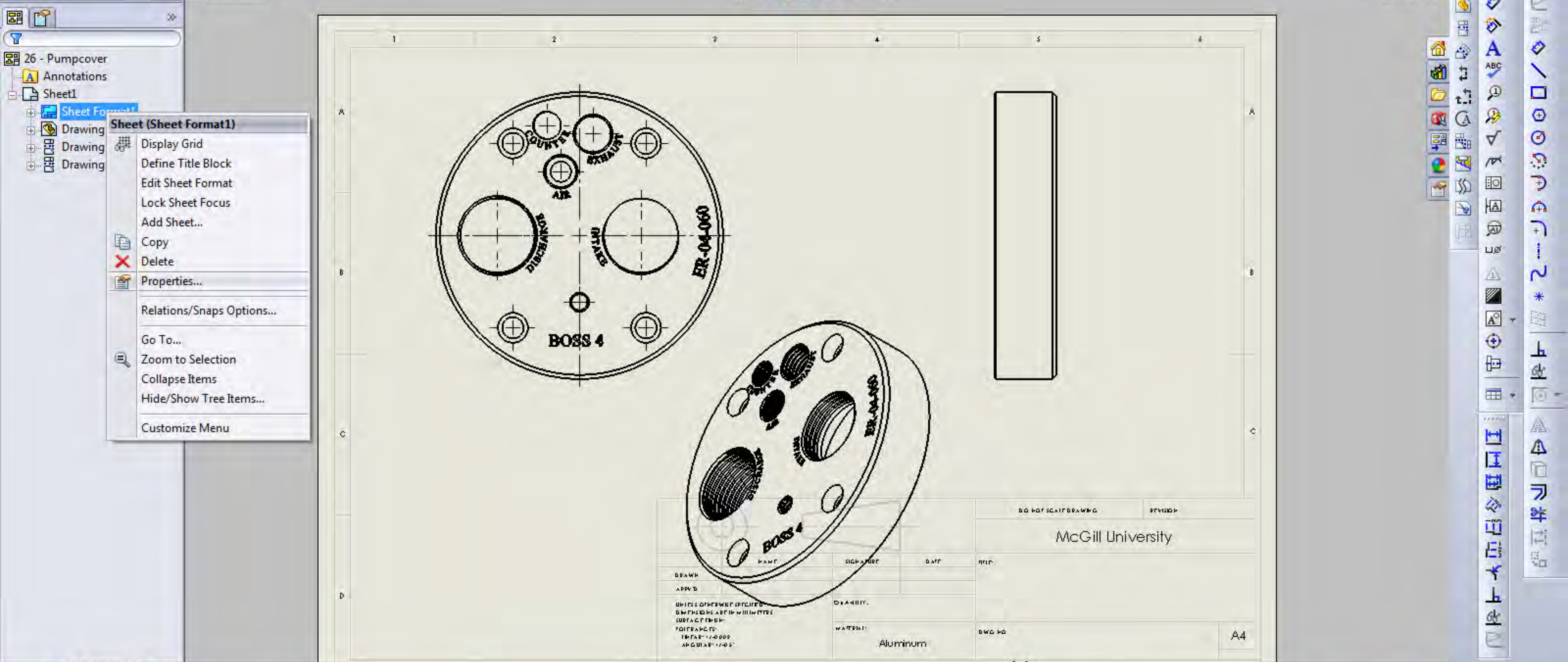
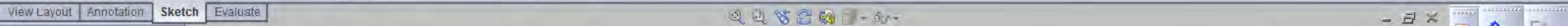


		DO NOT SCALE DRAWING		REVISION	
McGill University					
DRAWN		SIGNATURE		DATE	
APPROV				REV	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH TOLERANCES ISO 1101:1997 ANGULAR 1/2-0.5		MATERIAL		DWG NO	
		Aluminum		A4	
		SCALE		1:1	
				SHEET 1 OF 1	

Set the properties for the new view or select a location to place it

Under Defined Editing Drawing View1 1:1





Sheet Properties

Name: Sheet1

Type of projection
☒ First angle
☐ Third angle

Next view label: A

Next datum: A

Scale: 1 : 2

Sheet Format/Size
☒ Standard sheet size
☐ Only show standard format

A4 (GOST)
A1 (GB)
A2 (GB)
A3 (GB)
A4 (GB)
a4 - landscape - mcgill

Reload

C:\ProgramData\SolidWork:

Browse...

☒ Display sheet format

Width: 297.00mm Height: 210.00mm

☐ Custom sheet size

Width: Height:

Use custom property values from model shown
Default

OK

Cancel

The image shows the SolidWorks CAD environment. In the background, a technical drawing of a pump cover is visible, featuring a circular flange with four bolt holes and a central boss. The drawing is oriented horizontally. Overlaid on the left side of the drawing is the 'Sheet Properties' dialog box. The dialog box is set to 'First angle' projection and 'A4 (GB)' sheet size. The 'Display sheet format' checkbox is checked. The drawing area also shows a vertical rectangular feature and a circular feature with a center line. The bottom of the drawing area contains a title block with the text 'McGill University' and 'Aluminum'. The SolidWorks interface includes a top menu bar, a left-hand tree view, and a right-hand toolbar.

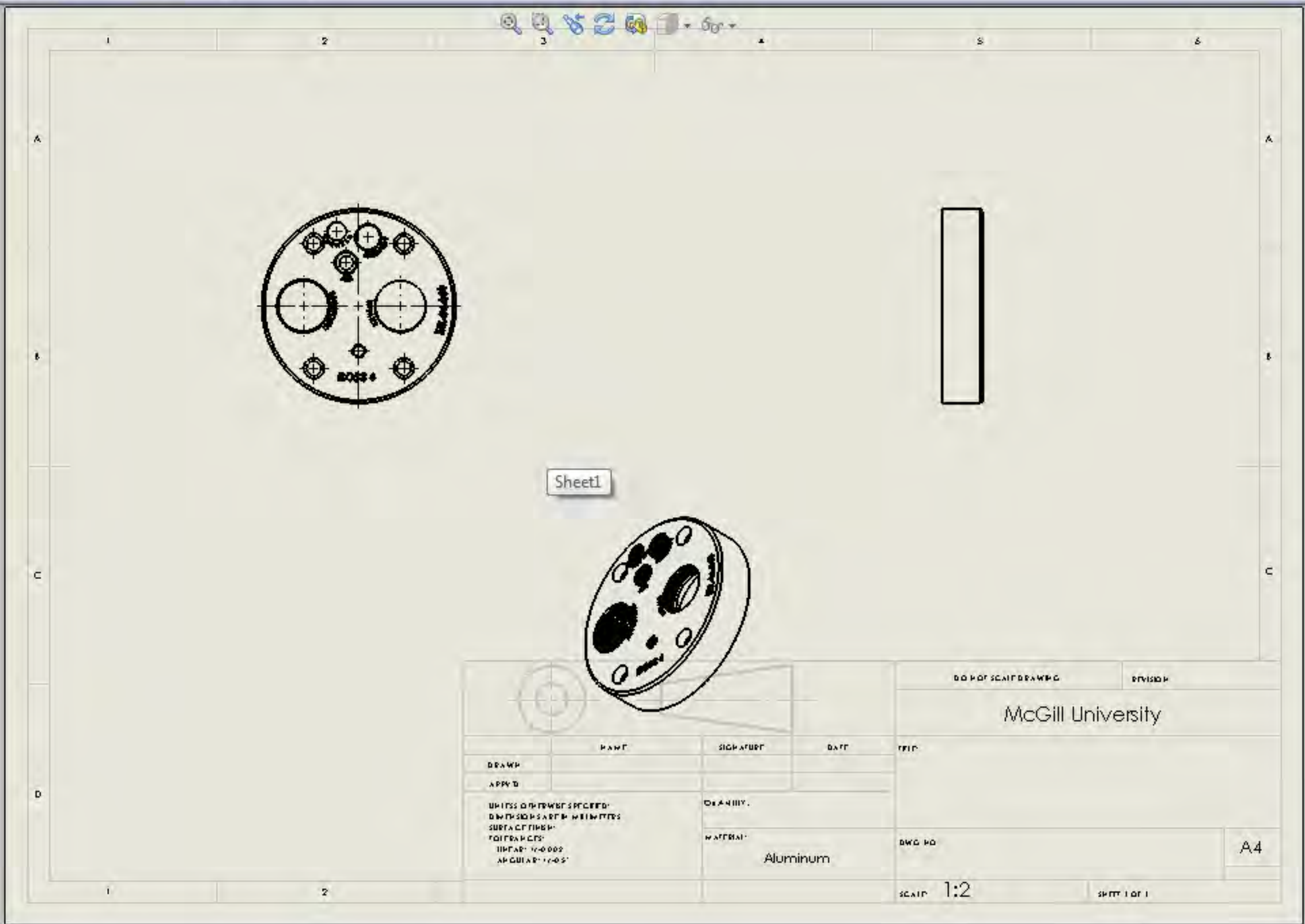
SolidWorks Premium 2010 x64 Edition 1:1 3:56 PM



View Layout Annotation Sketch Evaluate

26 - Pumpcover

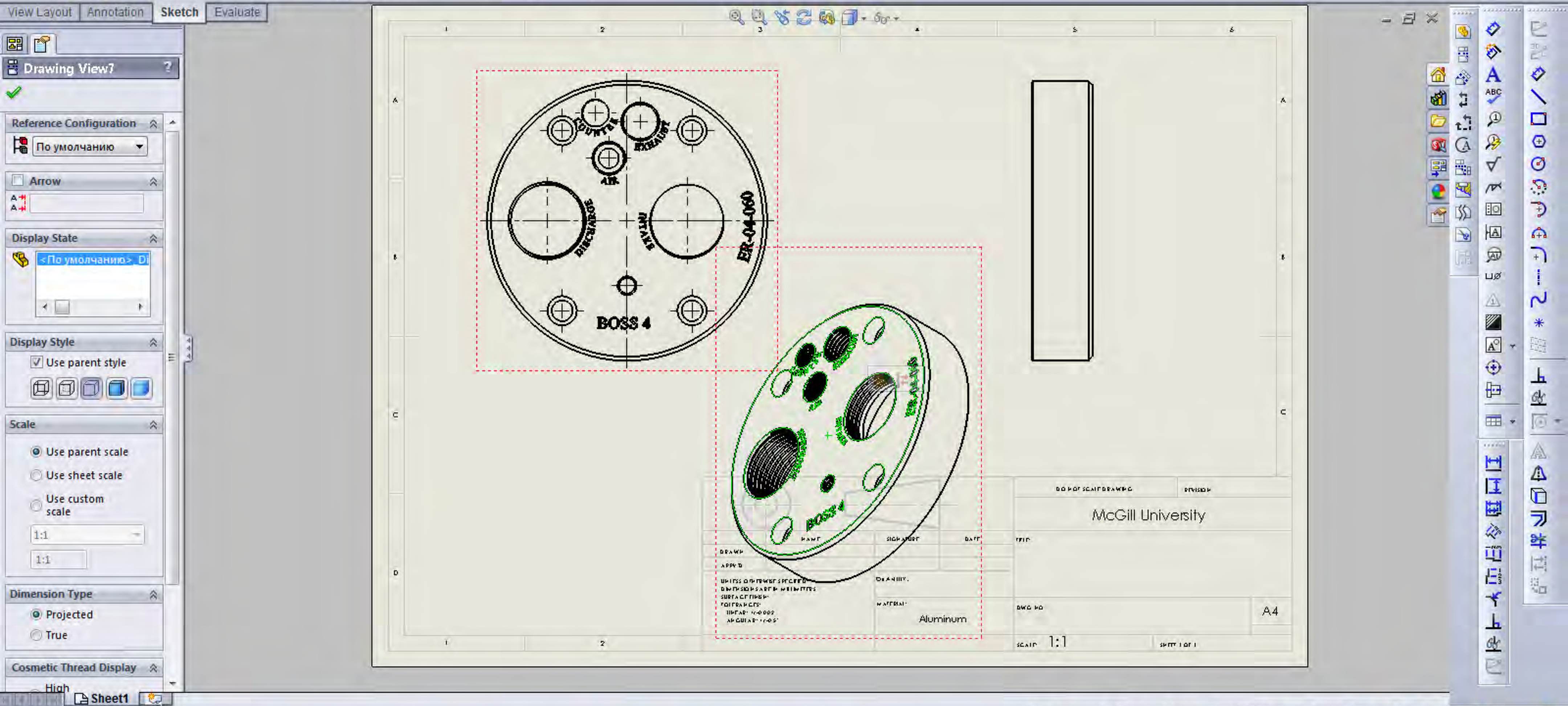
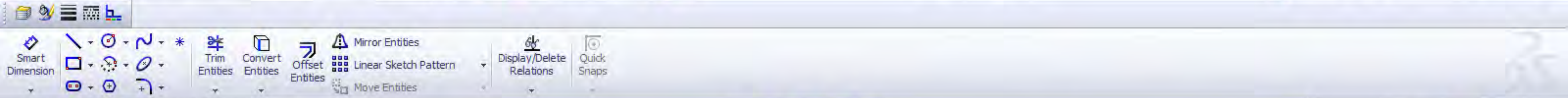
- Annotations
- Sheet1
 - Sheet Format1
 - Drawing View5
 - Drawing View6
 - Drawing View7



Right-hand toolbars containing various drawing and navigation tools.

Sheet1

DO NOT SCALE DRAWING				DIVISION	
McGill University					
DRAWN	NAME	SIGNATURE	DATE	TRIP	
APPROVED					
UNITS: DIMENSIONS SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: 1:1000 ANGULAR: 1:100		MATERIAL: Aluminum		DWG NO.	
SCALE: 1:2				SHEET 1 OF 1	



Smart Dimension

Trim Entities

Convert Entities

Offset Entities

Mirror Entities

Linear Sketch Pattern

Display/Delete Relations

Quick Snaps

View Layout

Annotation

Sketch

Evaluate

Drawing View?

Reference Configuration

Arrow

Display State

Display Style

Scale

1:1

1:2

1:5

1:10

1:20

1:50

1:100

2:1

5:1

10:1

20:1

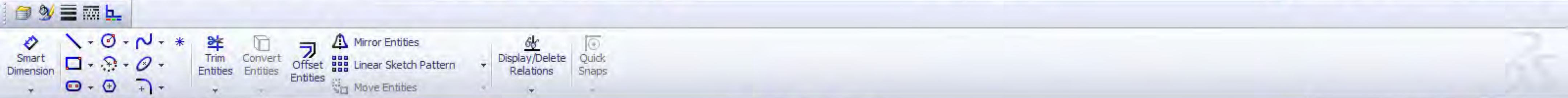
50:1

McGill University

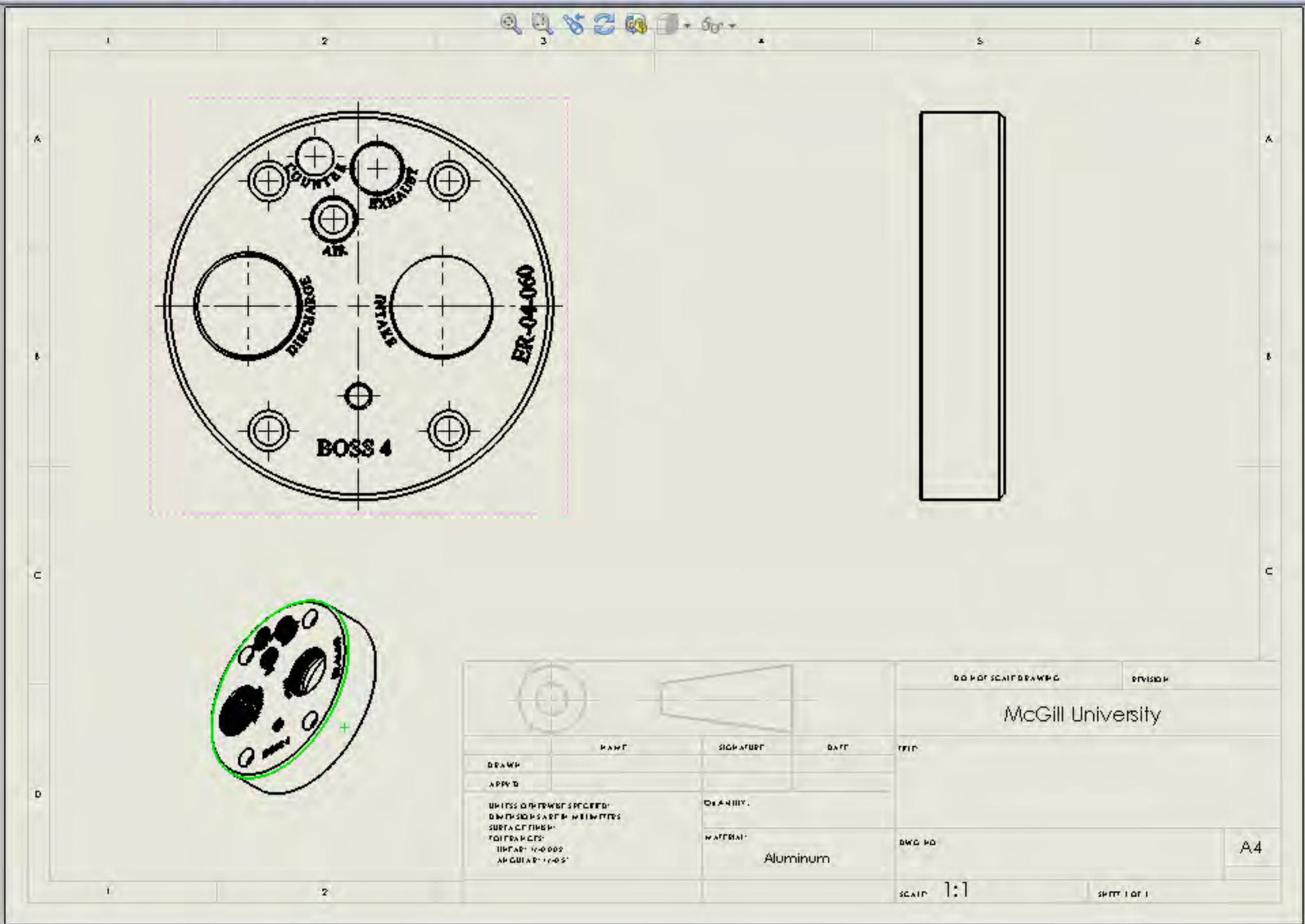
Aluminum

1:1

Sheet 1 of 1



- 26 - Pumpcover
- Annotations
- Sheet1
- Sheet Format1
- Drawing View5
- Drawing View6
- Drawing View7
- 26 - Pumpcover<9>



Sheet Properties

Name: Sheet1

Scale: 1 : 1

Type of projection:
☐ First angle
☒ Third angle

Next view label: A

Next datum: A

Sheet Format/Size

☒ Standard sheet size

☐ Only show standard format

A4 (GOST)
A1 (GB)
A2 (GB)
A3 (GB)
A4 (GB)
a4 - landscape - mcgill

Reload

C:\ProgramData\SolidWork: Browse...

☒ Display sheet format

Width: 297.00mm Height: 210.00mm

Preview

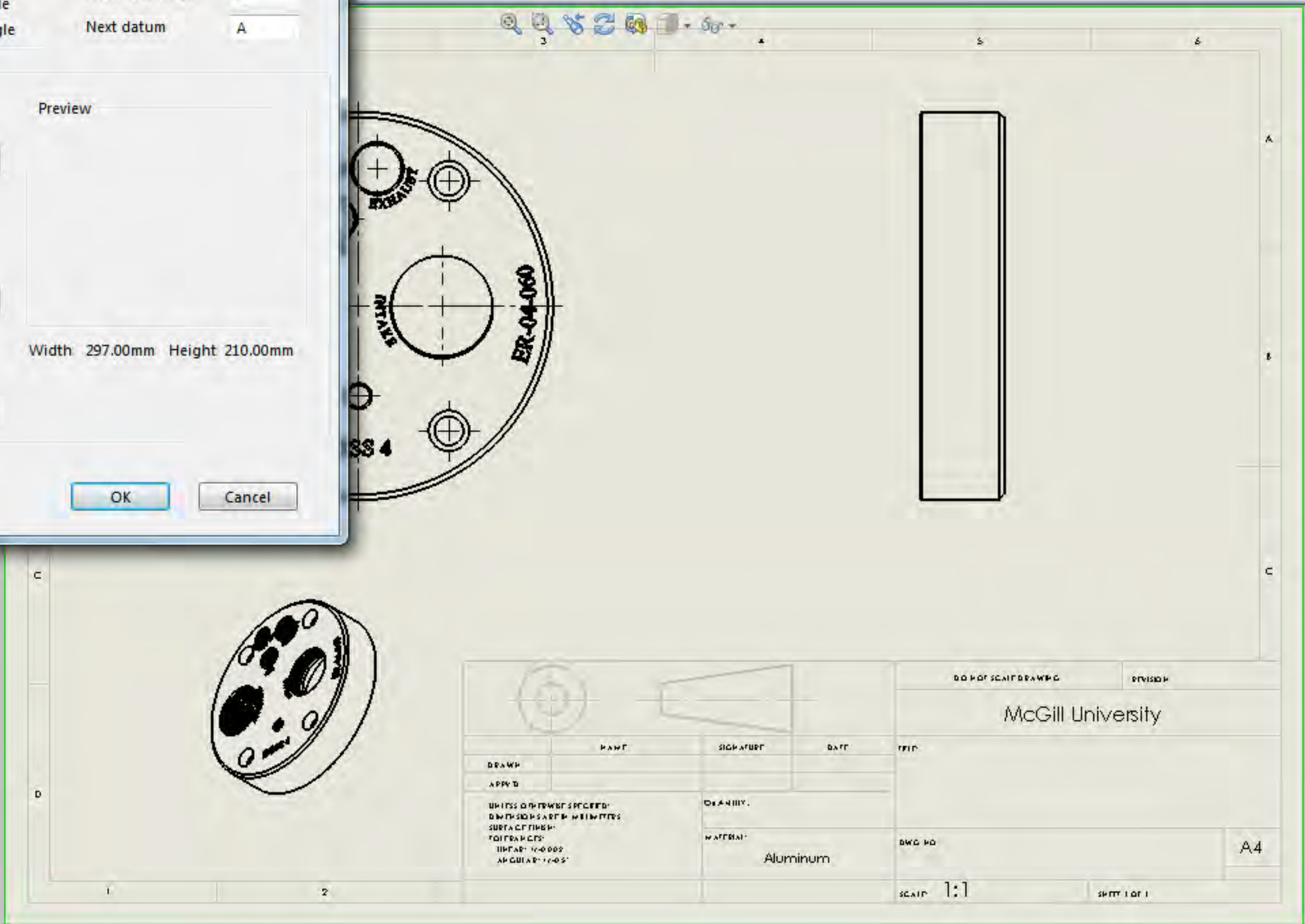
☐ Custom sheet size

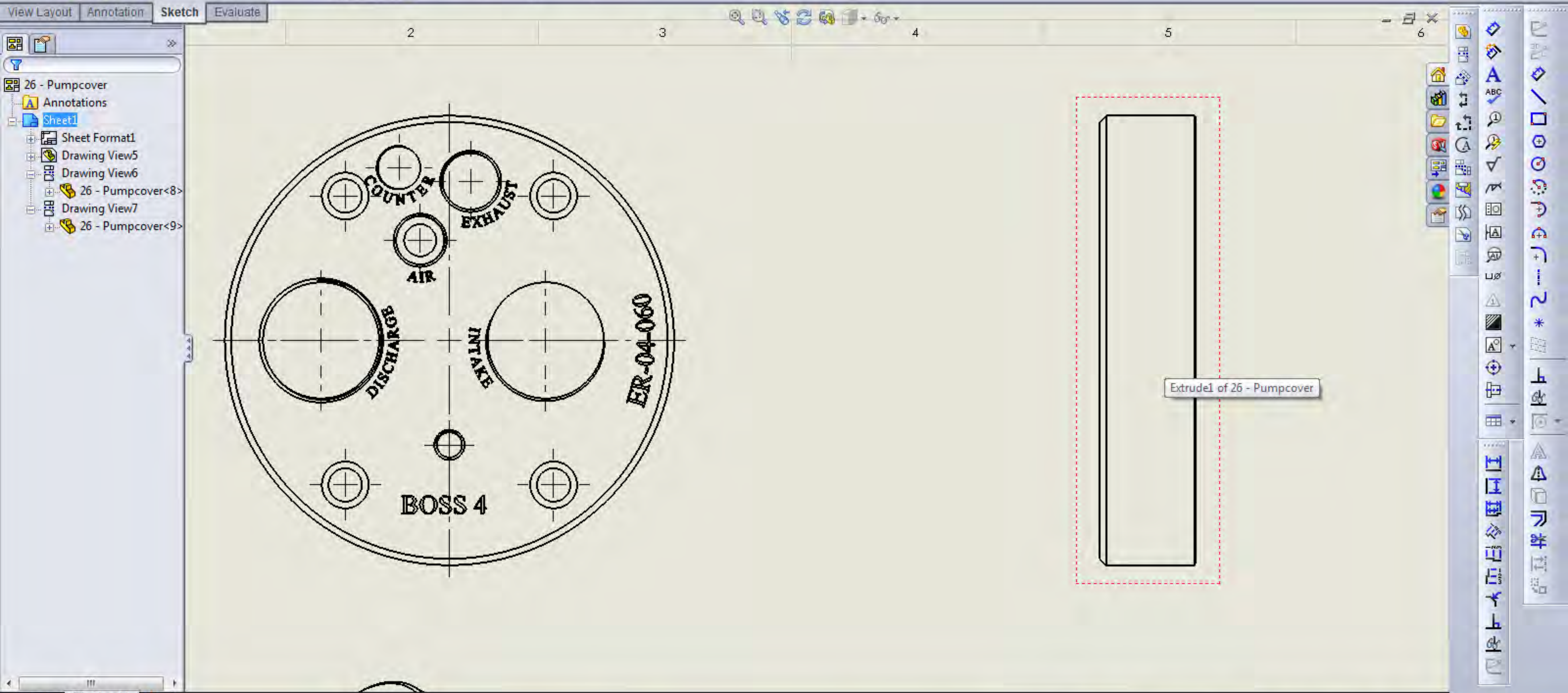
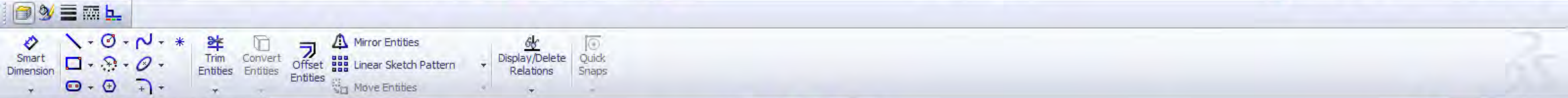
Width: Height:

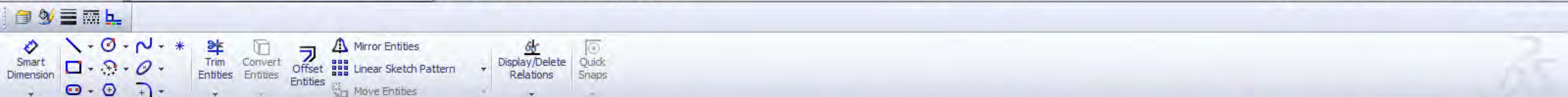
Use custom property values from model shown

Default

OK Cancel







26 - Pumpcover

- Annotations
- Sheet1
- Sheet Format1
- Drawing View5
- Drawing View6
- 26 - Pumpcover<8>
- Drawing View7
- 26 - Pumpcover<9>

Save As

Course > MECH289 > SW 2010 Lectures > Lecture Model

Organize New folder

File name: 26 - Pumpcover Drawing

Save as type: Drawing (*.dwt;*.slddrw)

Description: [Add a description](#)

☐ Save as copy

References...

Display States (linked)

Save Cancel

McGill University

NAME	SIGNATURE	DATE	DATE
DRAWN			
APPROV'D			

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR: ±0.002
ANGULAR: ±0.5°

QUANTITY:

MATERIAL:
Aluminum

DWG NO.

SCALE: 1:1

A4