



Mec E 468 Numerical Simulation in Mechanical Engineering Design

AUTOMARK REPORT

Semester: Win 2022

Instructor: Prof. David S. Nobes

Student Name:

Assignment: Assignment No 1

PROCESSING DATE: August 15, 2022

*AUTOMark Assessment Grade: **272 out of 291***

*AUTOMark Recommended Grade: **93 out of 100***

NOTE: This grade is preliminary only and needs to be confirmed.

The following pages include each of the drawings in the following order:

- Your submission
- Your submission marked by AutoMARK
- The solution

Other important points:

- Examples are given on eClass of how to interpret the mark-up symbols used by AUTOMark.
- If you have any questions, discuss with you TA in the next lab time.

DRAWING CREATION DATE: 31-Dec-2019 13:57:09

DRAWING LAST SAVE DATE: 05-Aug-2022 14:55:05

MODEL CREATION DATE: 29-Dec-2019 12:49:16

MODEL LAST SAVE DATE: 05-Aug-2022 14:23:34

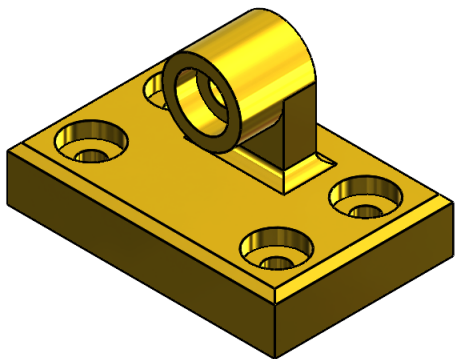
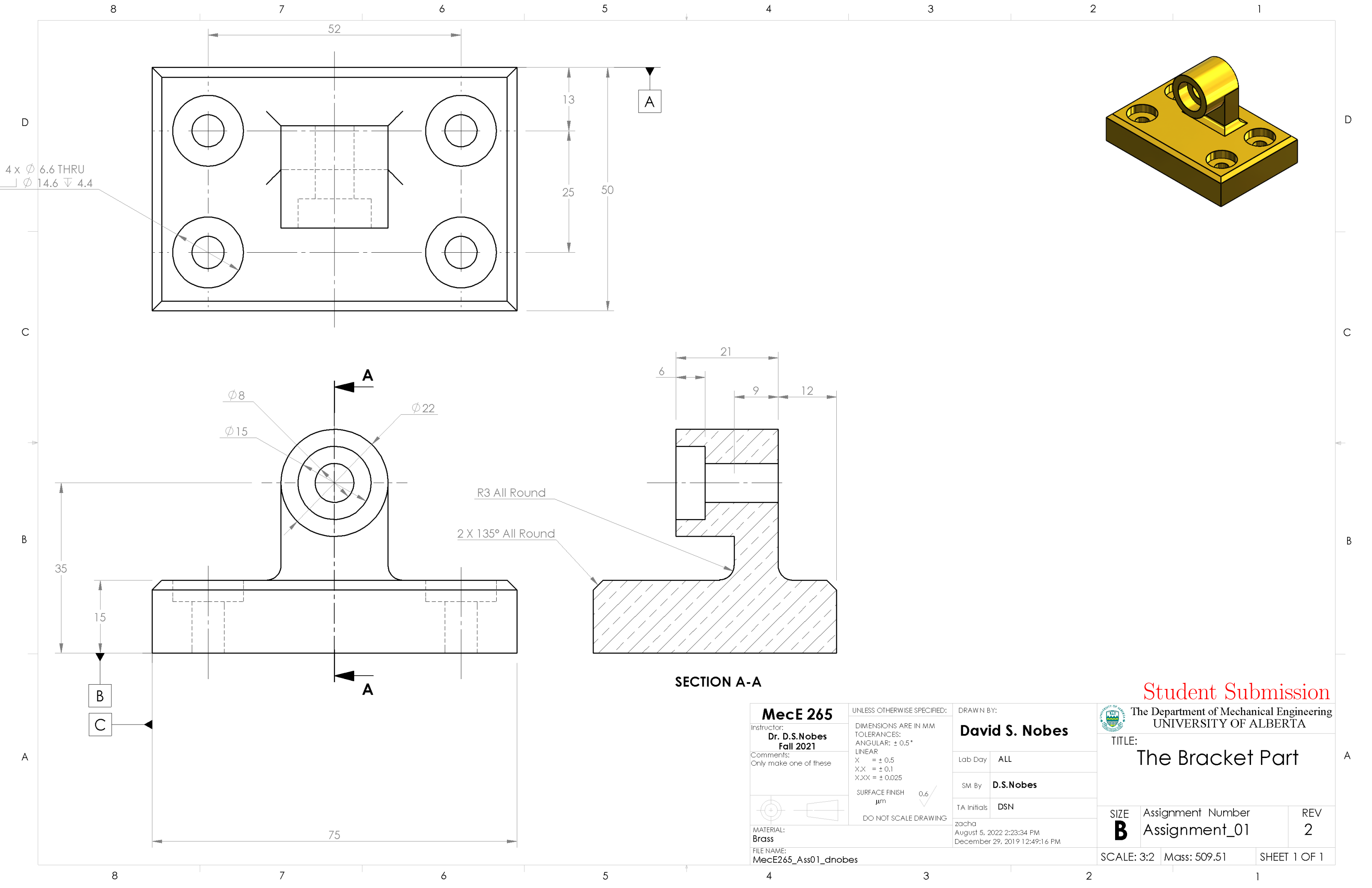
AutoMARK details:

- Sheetnames should contain only alphabetical characters
- Weights of feature properties are set by the marker
- AutoMARK v 4.0 software written and designed by Owen Stadlwieser

AutoMARK Criterion (The weights of these criterion are decided by the marker):

- DRAWING: SheetOrder, ExtraSheets
- SHEET: SheetPaperSize, SheetScale, SheetTemplate, SheetExtraBOMS, SheetExtraViews, SheetViewTypes, SheetIntersectingBallons
- BILLOFMATERIALS: BOMTableType, BOMNumberColumns, BOMNumberRows, BOM-Position, BOMTableHeight, BOMTableWidth, BOMFontType, BOMFontSize
- VIEW: ViewScale, ViewDisplayStyle, ViewExtraDimension, ViewPosition, ViewExtra-CenterMarks, ViewMass, ViewMaterial, ViewExtraDatums, ViewWrongProjection, ViewEx-traCenterlines
- DIMENSION: DimensionDangling, DimensionWrongView, DimensionPosition, Dimen-sionArrowSide, DimensionValue, DimensionBadText
- CENTERLINE: CenterlineDangling, CenterlinePosition
- CENTERMARK: CentermarkDangling, CentermarkPosition, CentermarkShowlines, Cen-termarkAngle, CentermarkConnectionLines, CentermarkExtensions, CentermarkGap, CentermarkSize, CentermarkGroupedCorrectly
- DATUM: DatumDangling, DatumWrongView, DatumPosition, DatumLabel, DatumDis-playStyle, DatumFilledTriangle
- Ballon: BallonDangling, BallonPosition

Symbol/Colour	Meaning
✓	No deductions on feature
Colour	Incorrect value
Colour	Miscellaneous error
Colour	Incorrect Position
Colour	Unrecognized feature
Colour	Missing feature
?	Feature not found on key



Student Submission

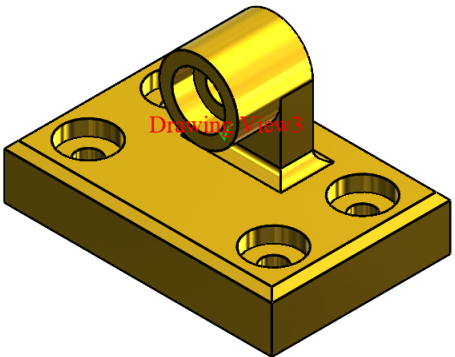
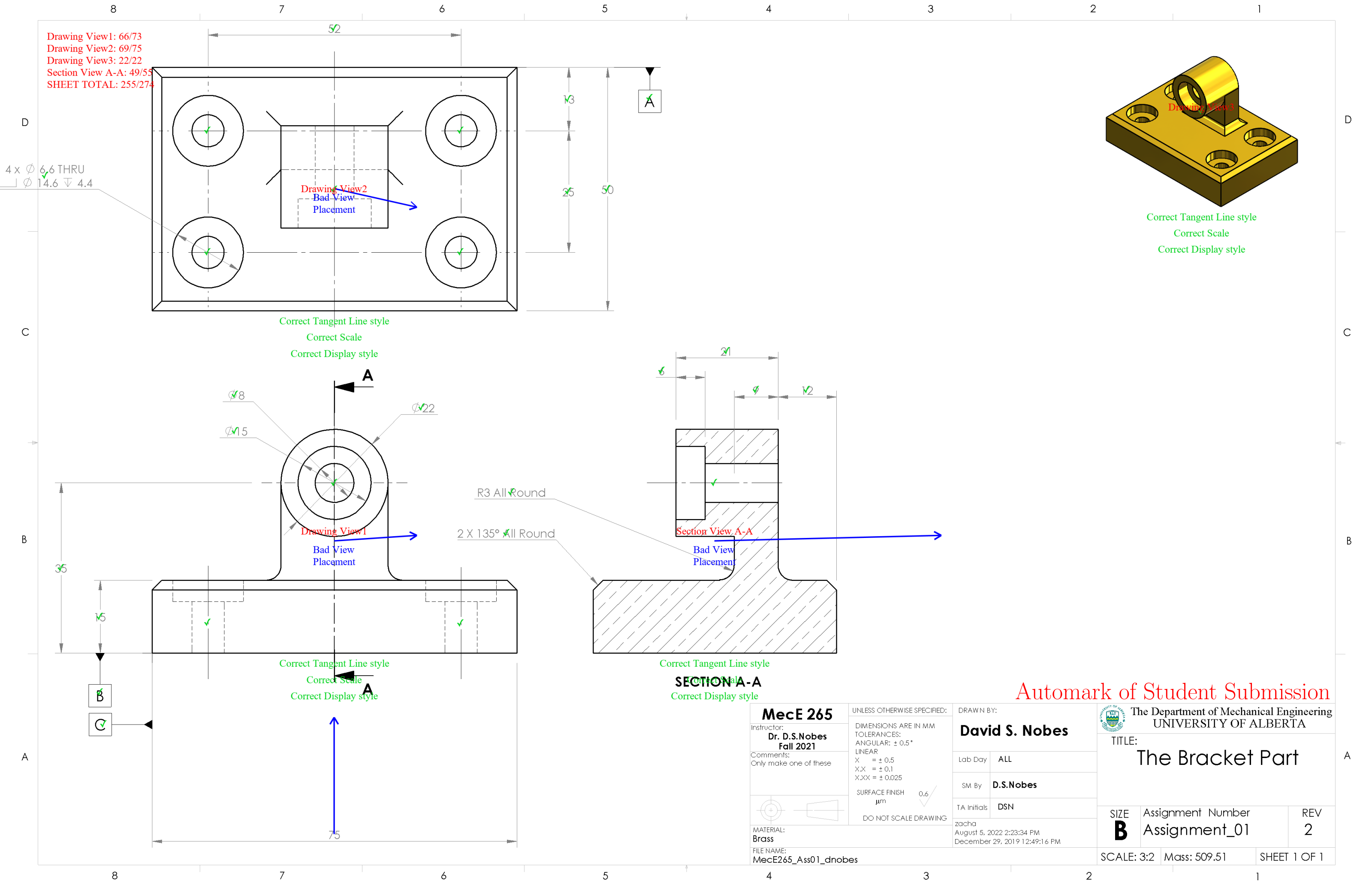
The Department of Mechanical Engineering
UNIVERSITY OF ALBERTA

TITLE:
The Bracket Part

SIZE **B** Assignment Number
Assignment_01 REV
2

SCALE: 3:2 Mass: 509.51 SHEET 1 OF 1

MecE 265 Instructor: Dr. D.S.Nobes Fall 2021 Comments: Only make one of these		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM TOLERANCES: ANGULAR: $\pm 0.5^\circ$ LINEAR X = ± 0.5 X.X = ± 0.1 X.XX = ± 0.025 SURFACE FINISH μm 0.6 DO NOT SCALE DRAWING		DRAWN BY: David S. Nobes	
		Lab Day		ALL	
		SM By		D.S.Nobes	
		TA Initials		DSN	
		zacha August 5, 2022 2:23:34 PM December 29, 2019 12:49:16 PM			
MATERIAL: Brass FILE NAME: MecE265_Ass01_dnobes					



Correct Tangent Line style
Correct Scale
Correct Display style

Automark of Student Submission

MecE 265

Instructor:
Dr. D.S.Nobes
Fall 2021

Comments:
Only make one of these



MATERIAL:
Brass

FILE NAME:
MecE265_Ass01_dnobes

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MM
TOLERANCES:
ANGULAR: $\pm 0.5^\circ$
LINEAR
X = ± 0.5
X.X = ± 0.1
X.XX = ± 0.025

SURFACE FINISH
 μm 0.6

DO NOT SCALE DRAWING

DRAWN BY:

David S. Nobes

Lab Day

ALL

SM By

D.S.Nobes

TA Initials

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August 5, 2022 2:23:34 PM
December 29, 2019 12:49:16 PM



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TITLE:

The Bracket Part

SIZE

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Assignment Number
Assignment_01

REV

2

SCALE: 3:2

Mass: 509.51

SHEET 1 OF 1

