



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: 291 out of 291

AUTOMark Recommended Grade: 100 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: 29-Jun-2022 10:12:37

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

MODEL LAST SAVE DATE: 07-Sep-2021 10:33:58

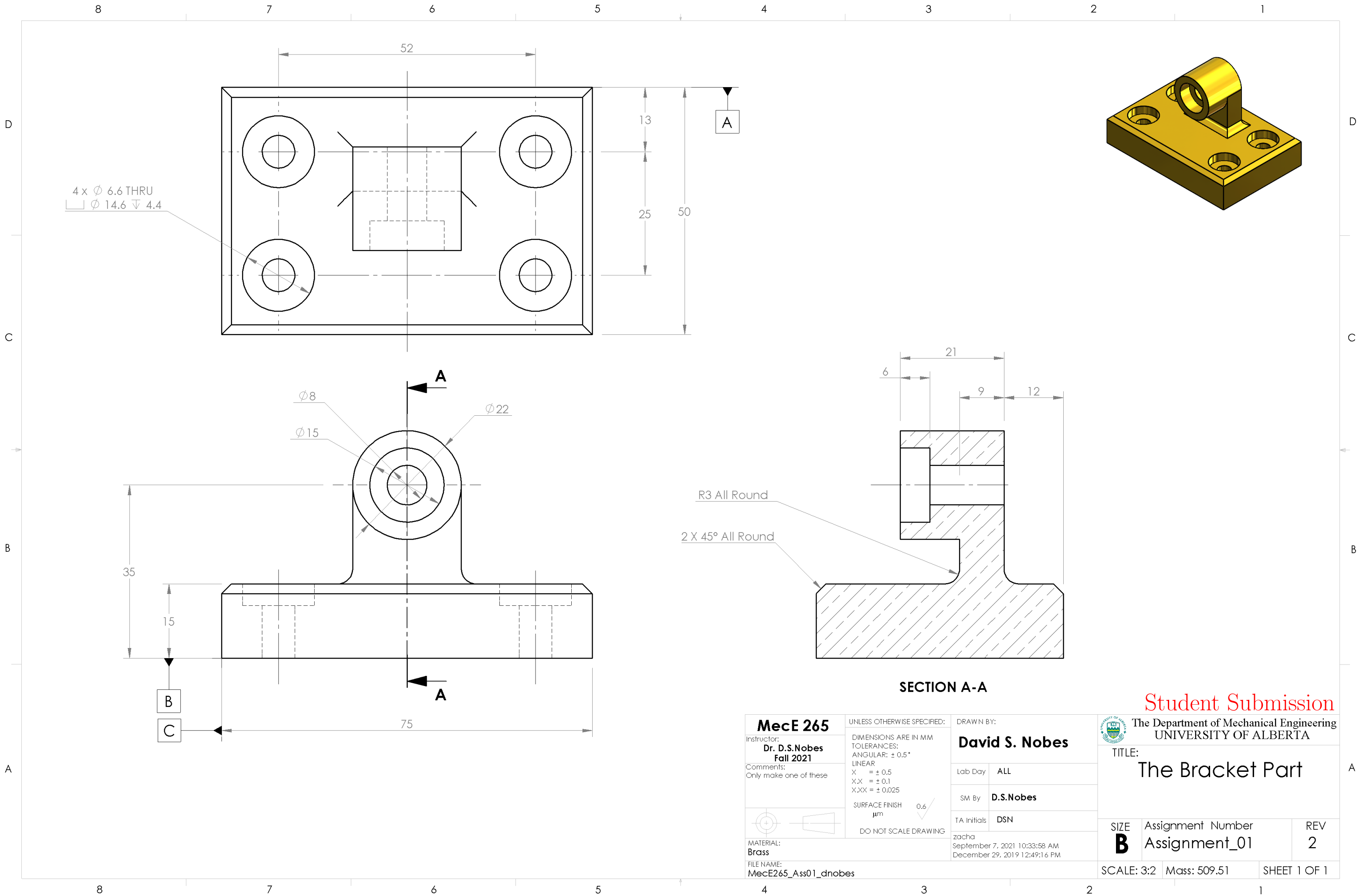
AutoMARK details:

- 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



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

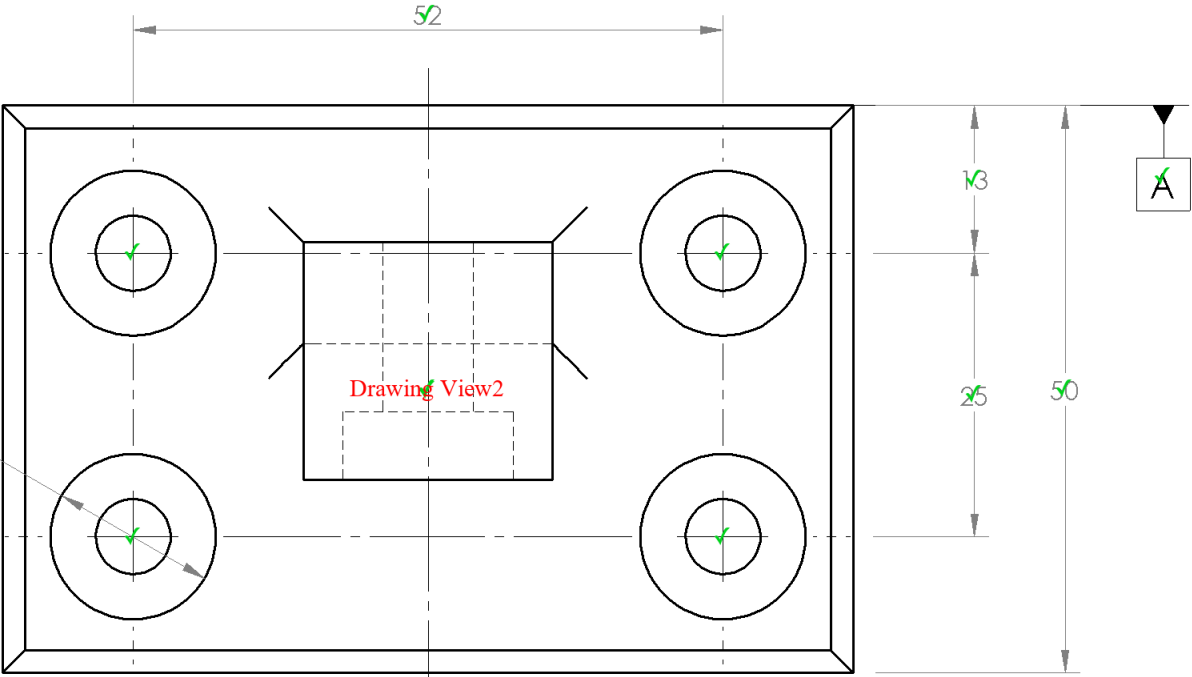
TA Initials

DSN

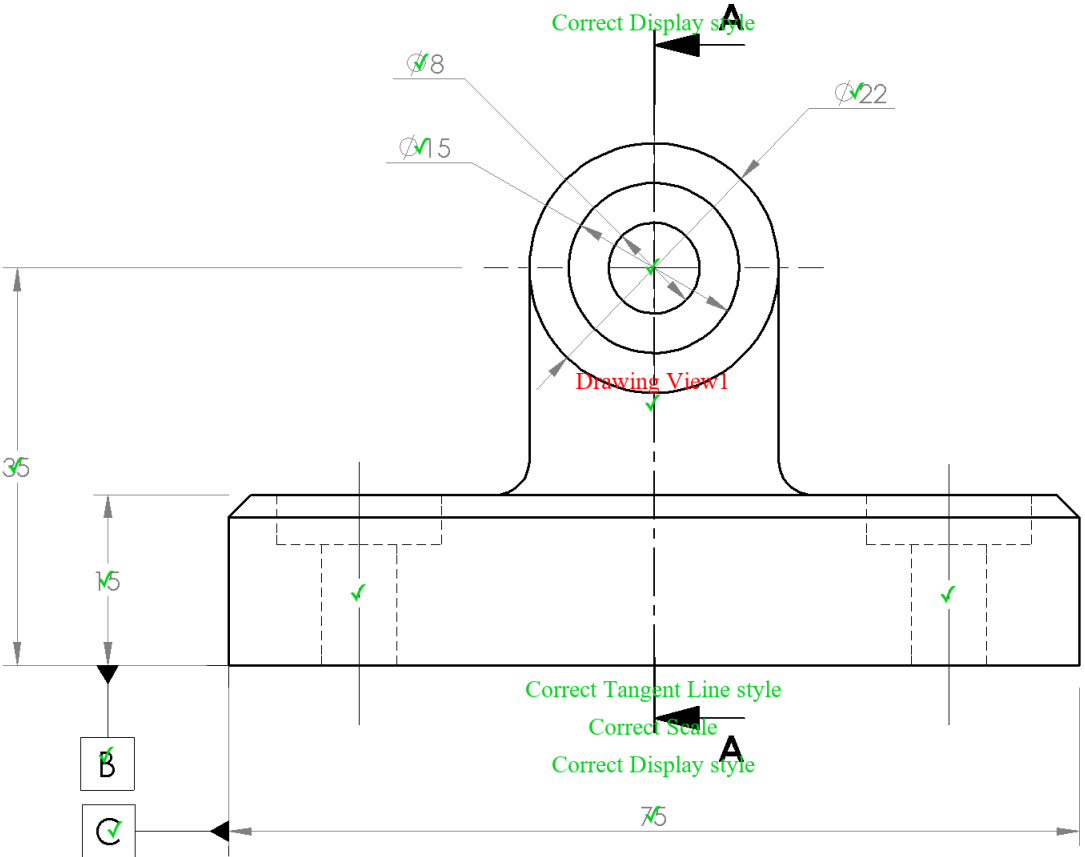
zacha
September 7, 2021 10:33:58 AM
December 29, 2019 12:49:16 PM

Drawing View1: 73/73
Drawing View2: 75/75
Drawing View3: 22/22
Section View A-A: 55/55
SHEET TOTAL: 274/274

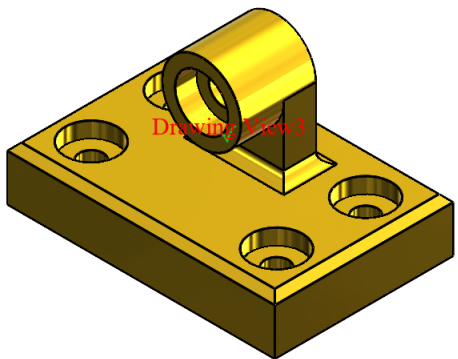
4 x ϕ 6.6 THRU
 ϕ 14.6 ∇ 4.4



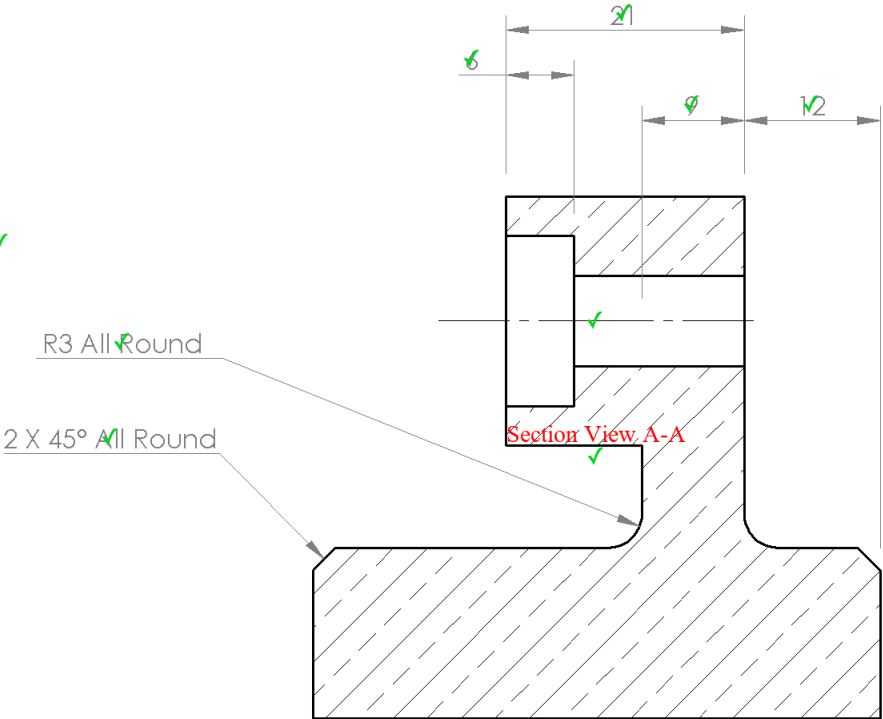
Correct Tangent Line style
Correct Scale
Correct Display style



Correct Tangent Line style
Correct Scale
Correct Display style



Correct Tangent Line style
Correct Scale
Correct Display style



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		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 September 7, 2021 10:33:58 AM December 29, 2019 12:49:16 PM		The Department of Mechanical Engineering UNIVERSITY OF ALBERTA TITLE: The Bracket Part		
MATERIAL: Brass FILE NAME: MecE265_Ass01_dnobes						SIZE B	Assignment Number Assignment_01	REV 2
						SCALE: 3:2	Mass: 509.51	SHEET 1 OF 1

