

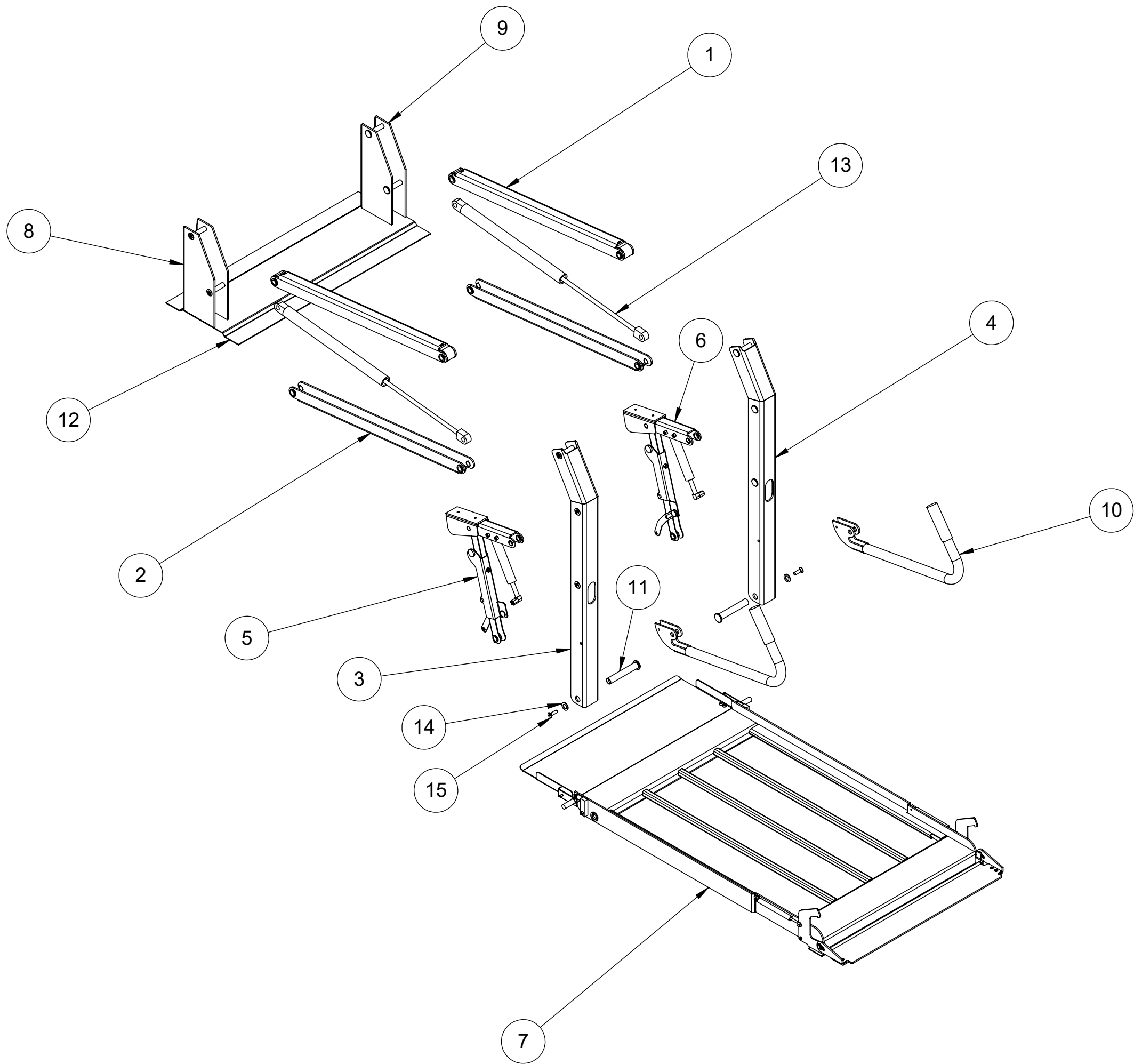
D

C

B

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	SA100	TOP PARALLEL ARM ASSEMBLY	2
2	SA200	BOTTOM PARALLEL ARM ASSEMBLY	2
3	SA300-01	VERTICAL ARM ASSEMBLY (LEFT)	1
4	SA300-02	VERTICAL ARM ASSEMBLY (RIGHT)	1
5	SA400-01	PIVOT ARM ASSEMBLY (LEFT)	1
6	SA400-02	PIVOT ARM ASSEMBLY (RIGHT)	1
7	SSA501	PLATFORM BODY SUB ASSEMBLY	1
8	SA600-01	TOWER ASSEMBLY (LEFT)	1
9	SA600-02	TOWER ASSEMBLY (RIGHT)	1
10	SA700	HANDRAIL ASSEMBLY	2
11	D802	PIN TYPE 2	2
12	EP100	BASEPLATE	1
13	PP100	HYDRAULIC SYSTEM	2
14	98017A220	18-8 STAINLESS STEEL MIL. SPEC. WASHER, PASSIVATED, 3/4" SCREW SIZE, NAS 1149-C1290R MCMaster-CARR # 98017A220	2
15	91253A456	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 7/16"-20 THREAD SIZE, 1-1/2" LONG MCMaster-CARR # 91253A456	2



UNLESS OTHERWISE SPECIFIED		SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		C CONESTOGA Connect Life and Learning		299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
DO NOT SCALE DRAWING		NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.		TITLE		WHEELCHAIR LIFT GENERAL ASSEMBLY	
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994		CUSTOMER WHEELCHAIR USER		SIZE		DRAWING NO.	
DIMENSIONS ARE IN INCHES		PROJECT WHEELCHAIR LIFT		SCALE		WEIGHT	
TOLERANCES APPLY AS SHOWN BELOW		DRAWN BY K. LEE		DATE 2019. 06. 08		1:16	
0 PL DEC ± 0.03		CHECKED BY K. LEE		DATE 2019. 06. 08		g	
1 PL DEC ± 0.02		APPROVED K. LEE		DATE 2019. 06. 08		1 OF 1	
2 PL DEC ± 0.01							
3 PL DEC ± 0.005							
ANGLES ± 1°							
SURFACE ROUGHNESS 125 µ in							
THIRD ANGLE PROJECTION							

D

C

B

A

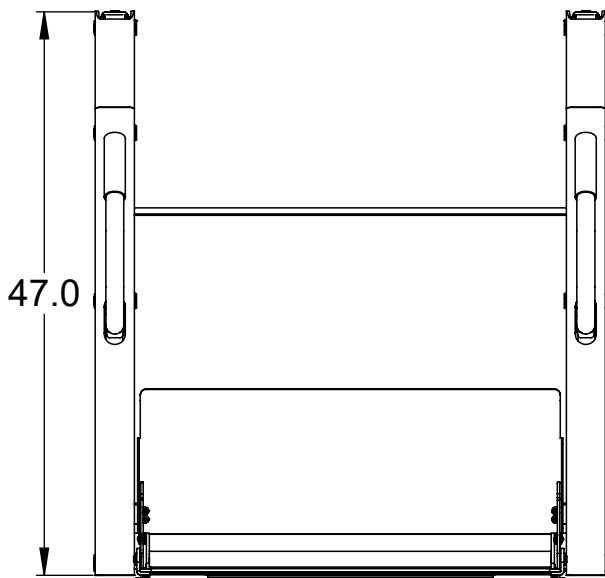
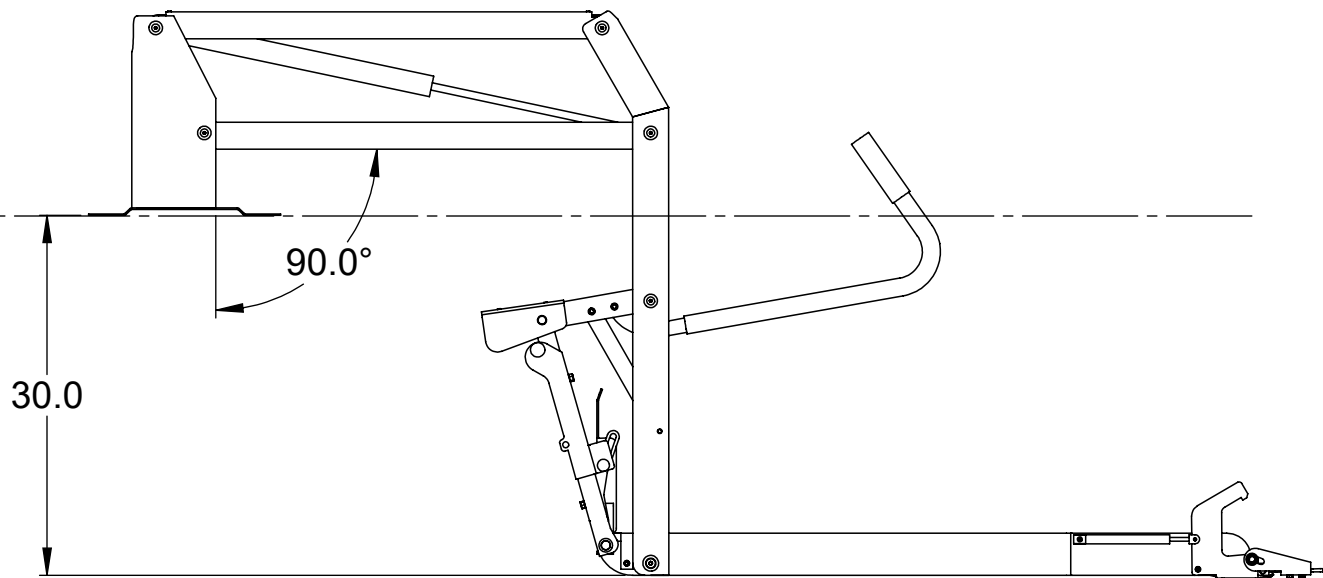
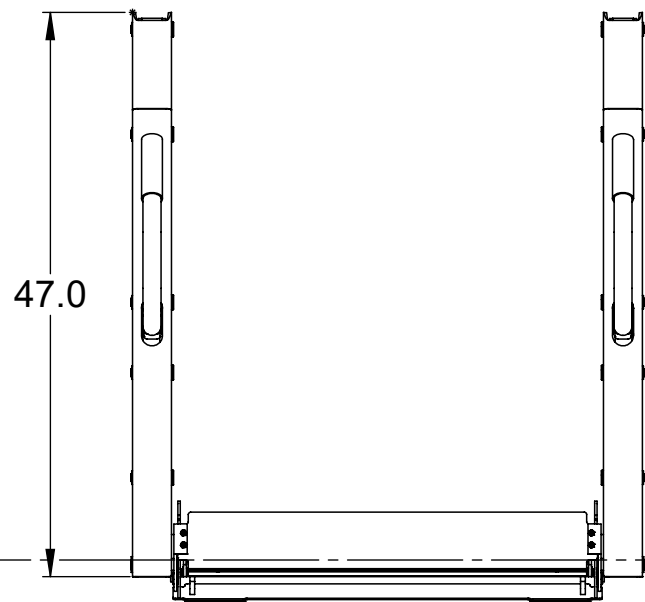
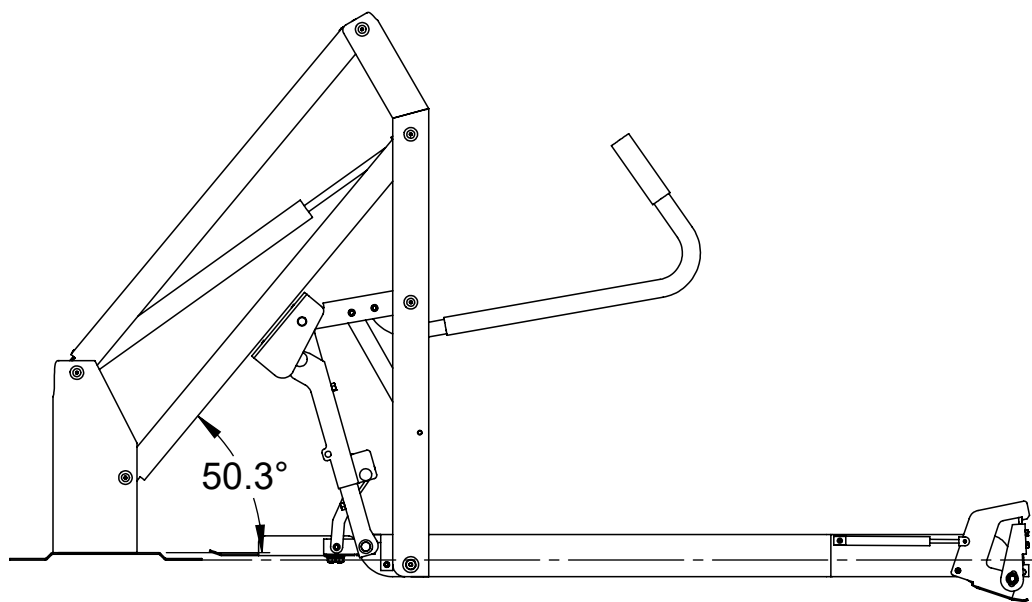
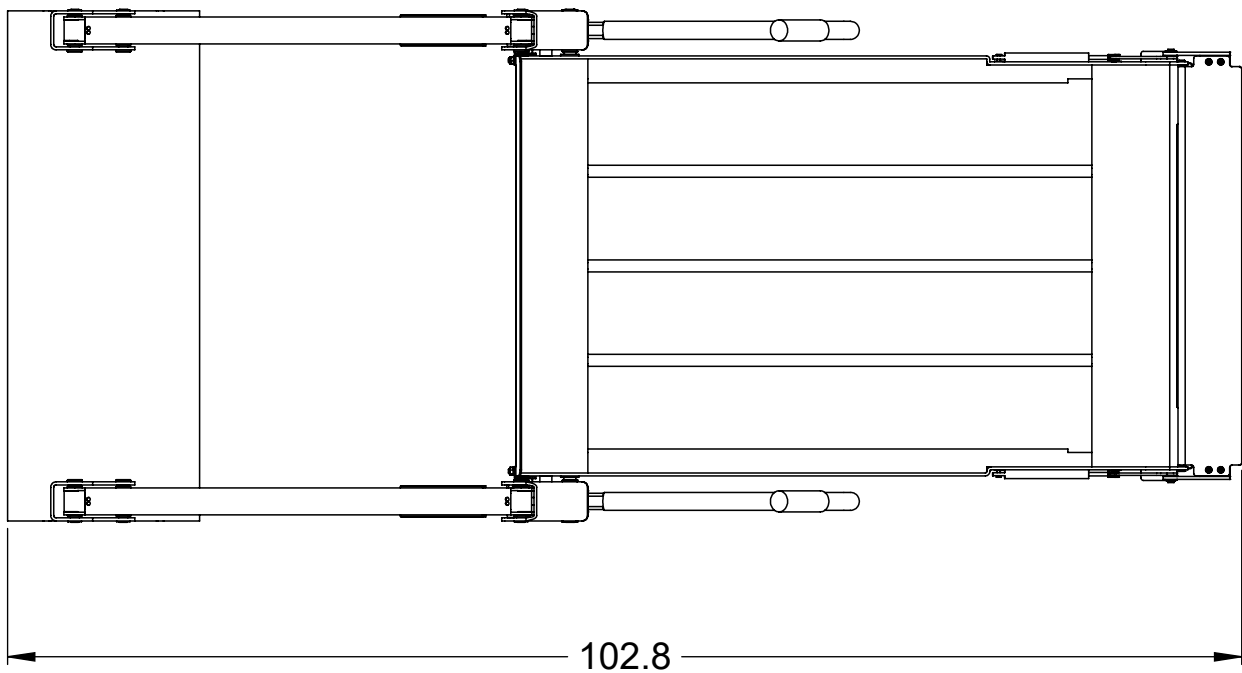
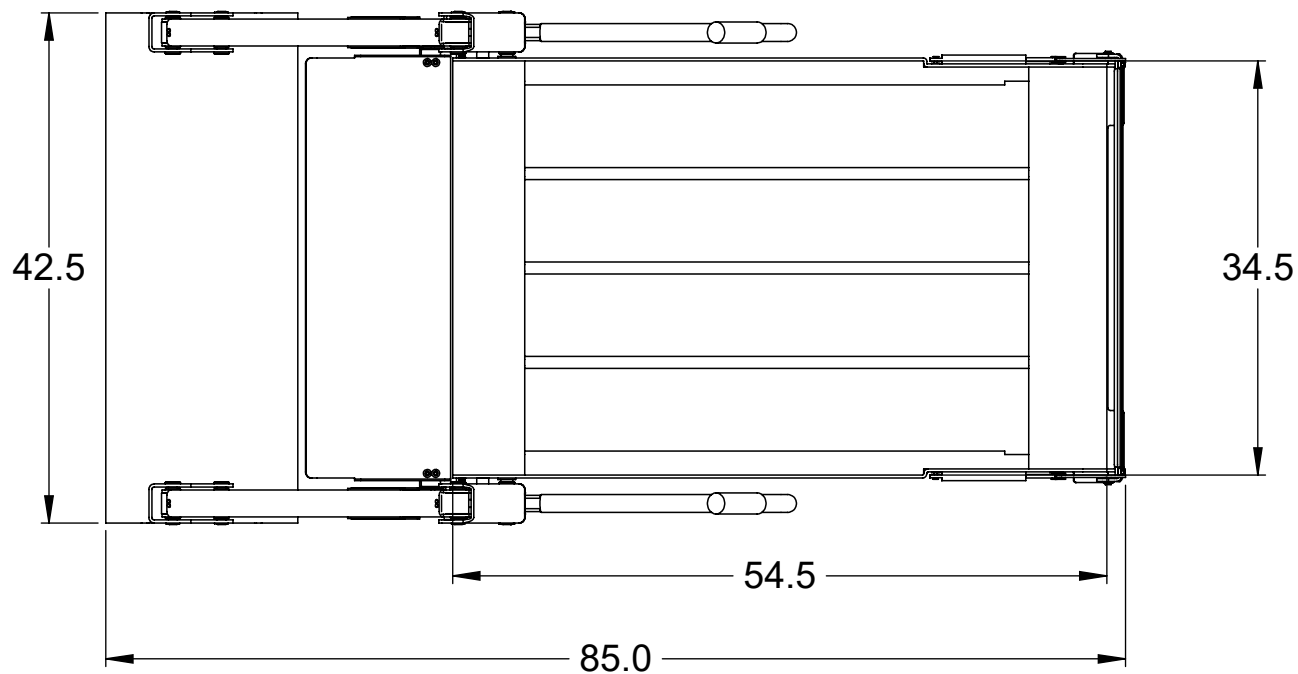
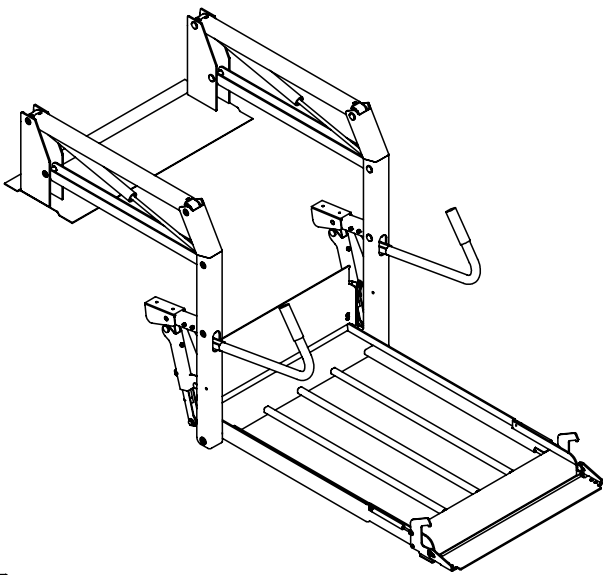
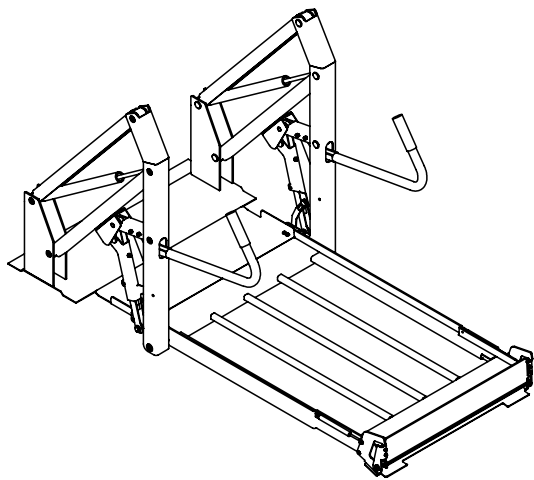
GA100

D

C

B

A



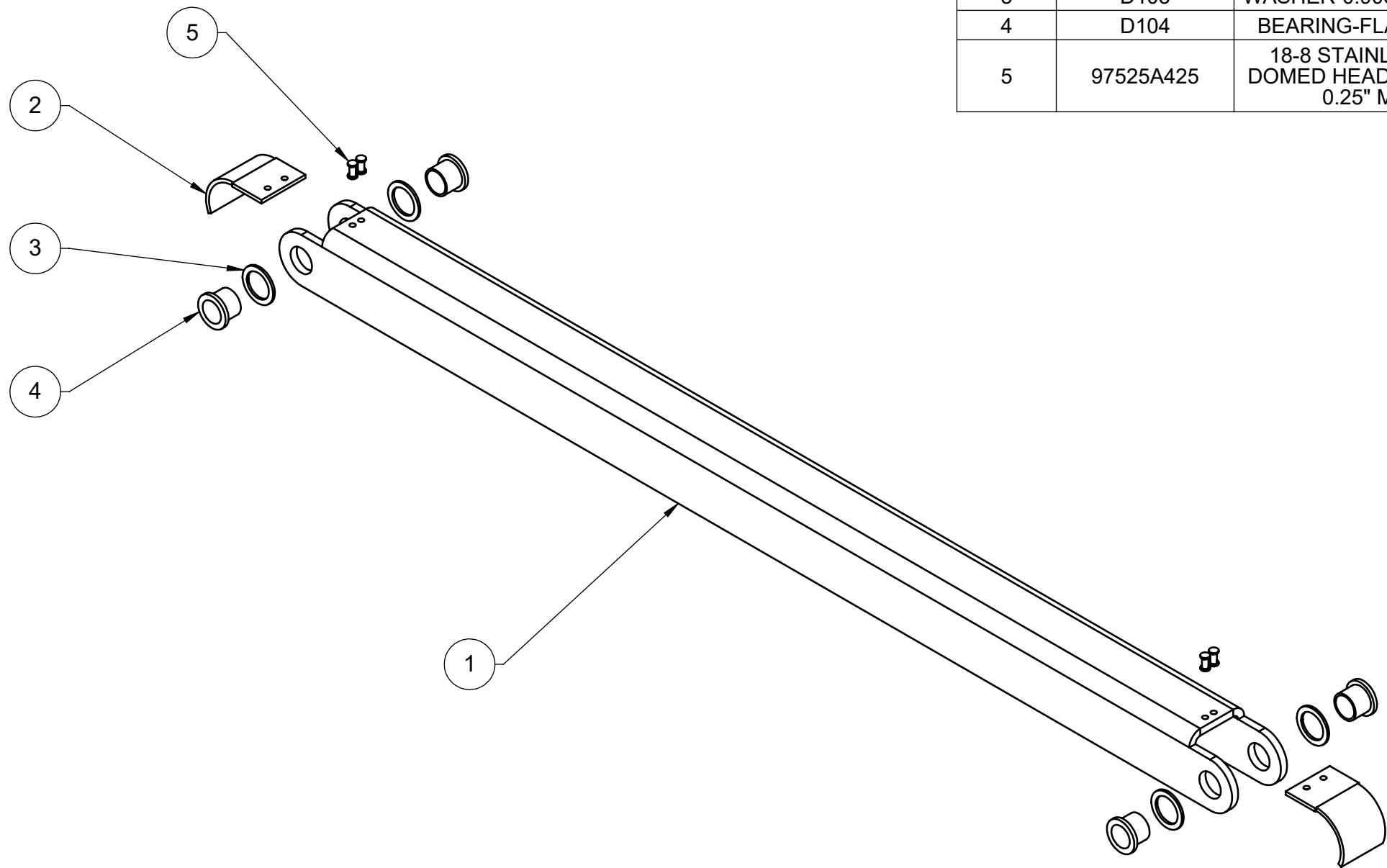
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.03 1 PL DEC ± 0.02 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± 1° SURFACE ROUGHNESS 125 µ in		<small>SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</small> PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.		CONESTOGA <small>Connect Life and Learning</small> 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		TITLE DISPLACEMENT AND BOUNDARY	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE C SCALE 1:8	
		WEIGHT g		REVISION EX100 1 OF 1	

D

C

B

A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D101	ARM-PARALLEL TOP 48 IN FTG R	1
2	D102	CAP-PARALLEL ARM	2
3	D103	WASHER-0.906 ID X 1.23 OD X 0.075 TH ZINC	4
4	D104	BEARING-FLANGE-0.75 X 0.375 -12FDU06	4
5	97525A425	18-8 STAINLESS STEEL BLIND RIVETS, DOMED HEAD, 1/8" DIAMETER, FOR 0.188"-0.25" MATERIAL THICKNESS	4

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
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Conestoga College

CUSTOMER:
WHEELCHAIR USER

PROJECT:
WHEELCHAIR LIFT

DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

CONESTOGA
Connect Life and Learning

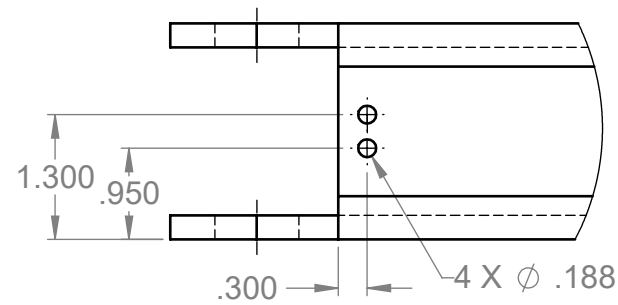
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

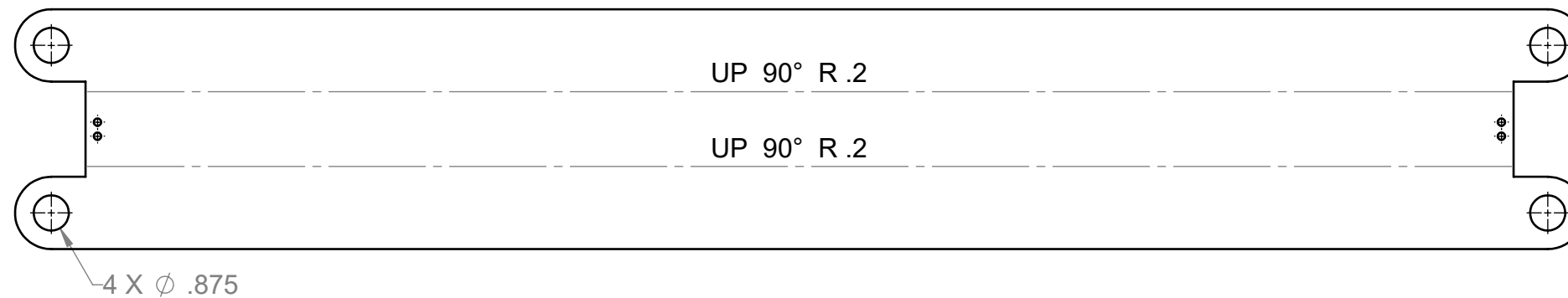
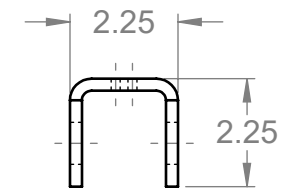
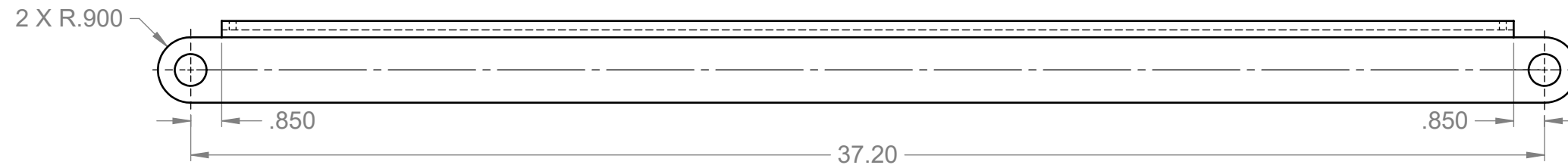
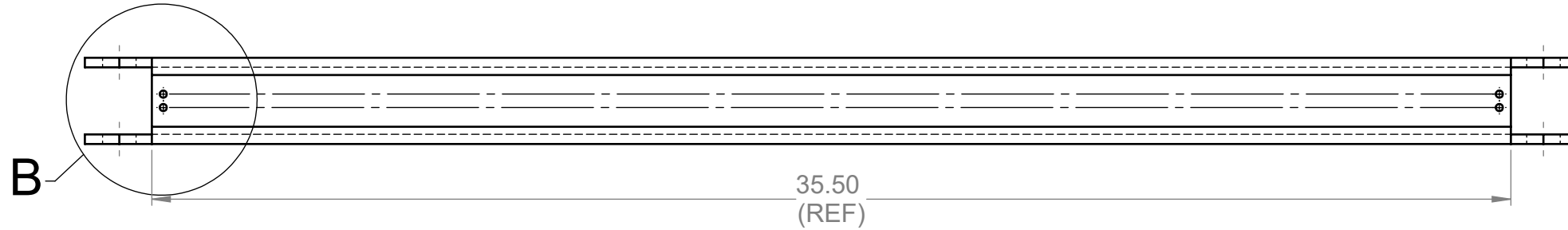
TOP PARALLEL ARM ASSEMBLY

SIZE B	DRAWING NO.	REVISION -
SCALE 1:4	WEIGHT lbs	1 OF 1

SA100



DETAIL B
SCALE 1:2



NOTE:

1. THE PART IS SYMMETRICAL
2. THICKNESS IS .25 INCHES
3. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION



SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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Conestoga College

CUSTOMER
WHEELCHAIR USER

PROJECT
WHEELCHAIR LIFT

DRAWN BY
K. LEE

DATE
2019. 06. 08

CHECKED BY
K. LEE

DATE
2019. 06. 08

APPROVED
K. LEE

DATE
2019. 06. 08



299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

TOP PARALLEL ARM

SIZE

DRAWING NO

B

D101

REVISION

-

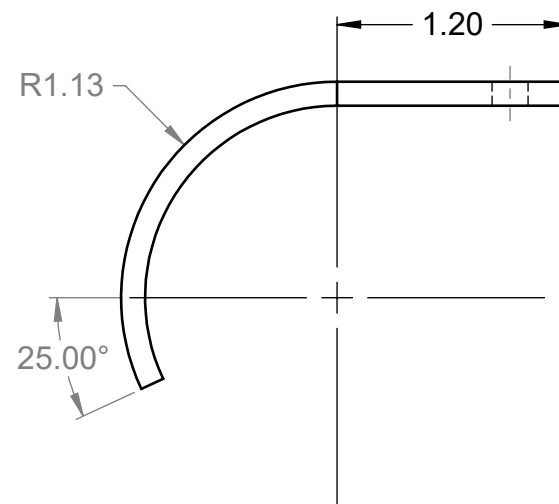
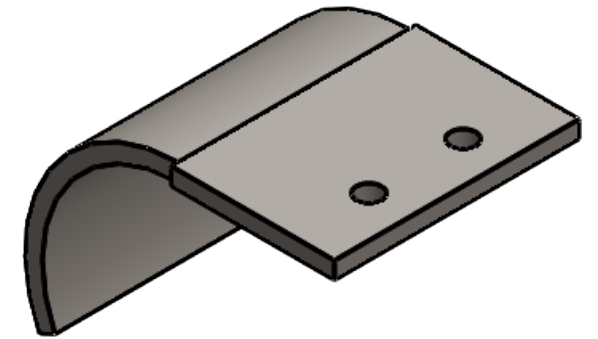
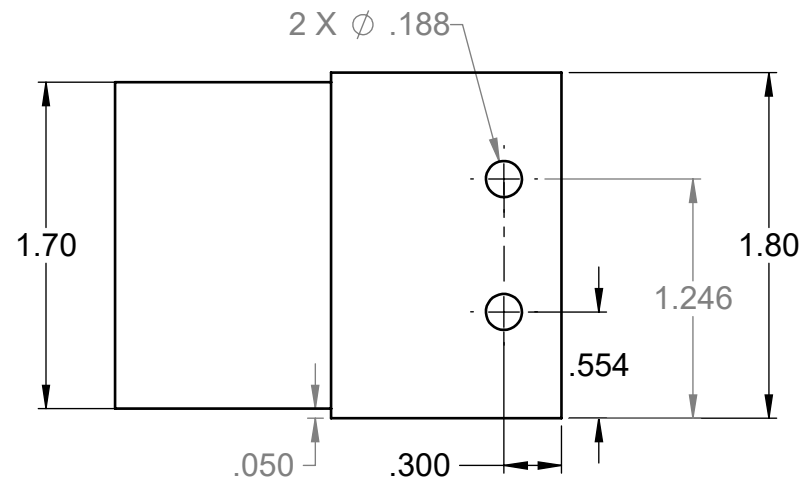
SCALE

1:4


WEIGHT

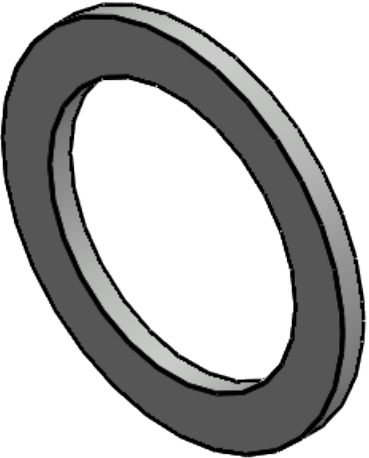
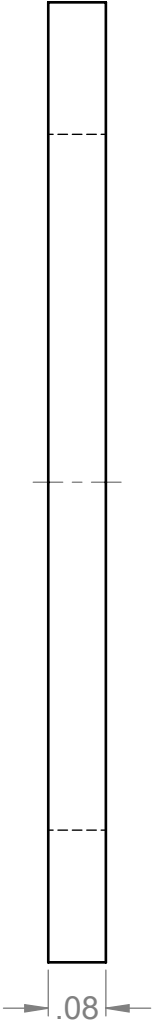
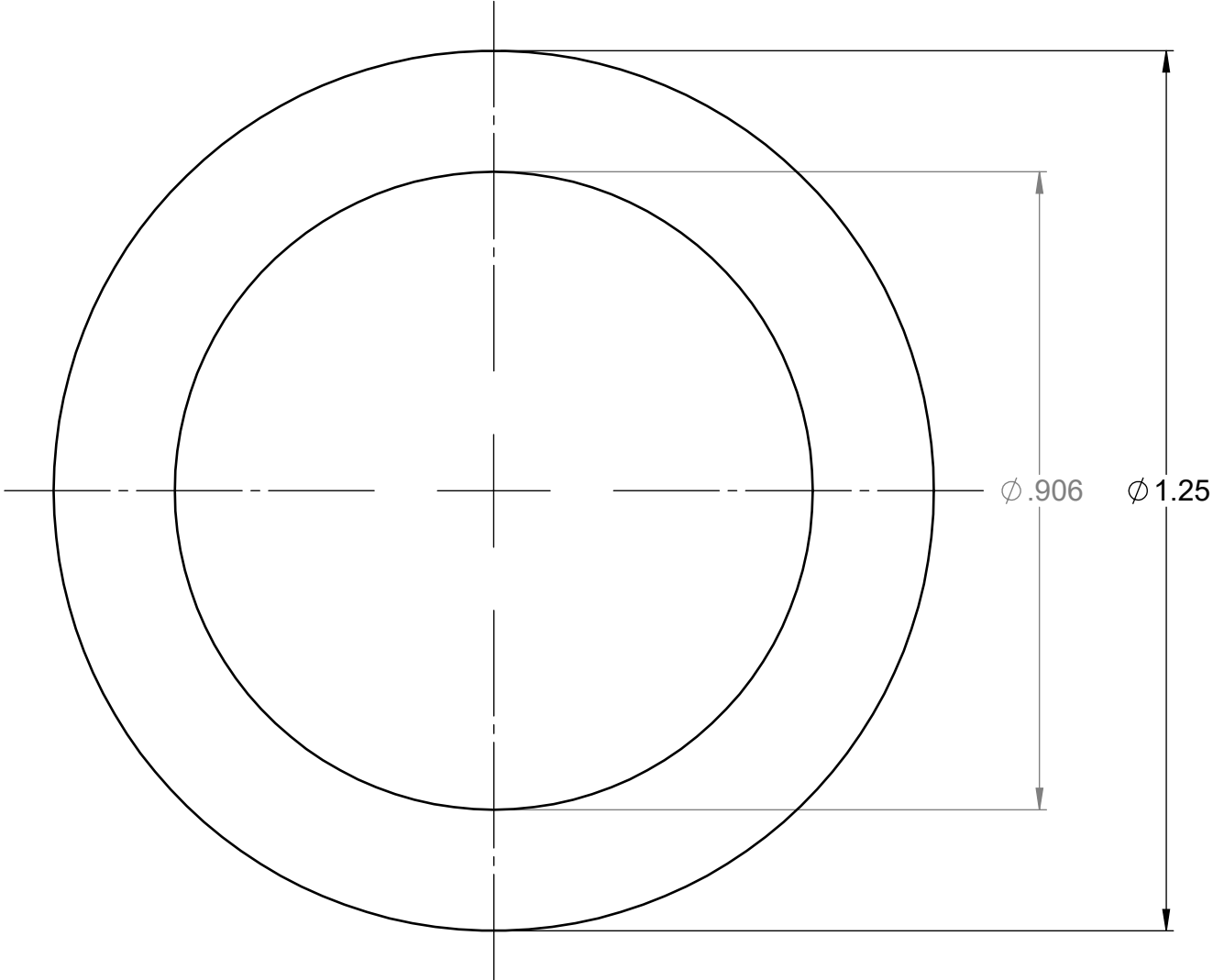
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1 OF 1



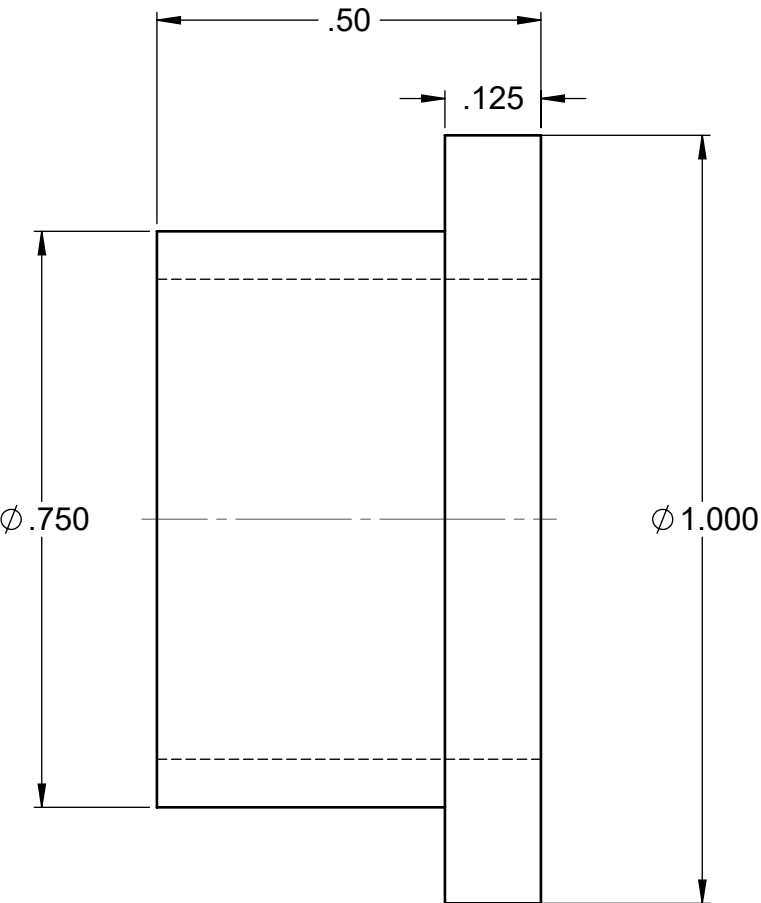
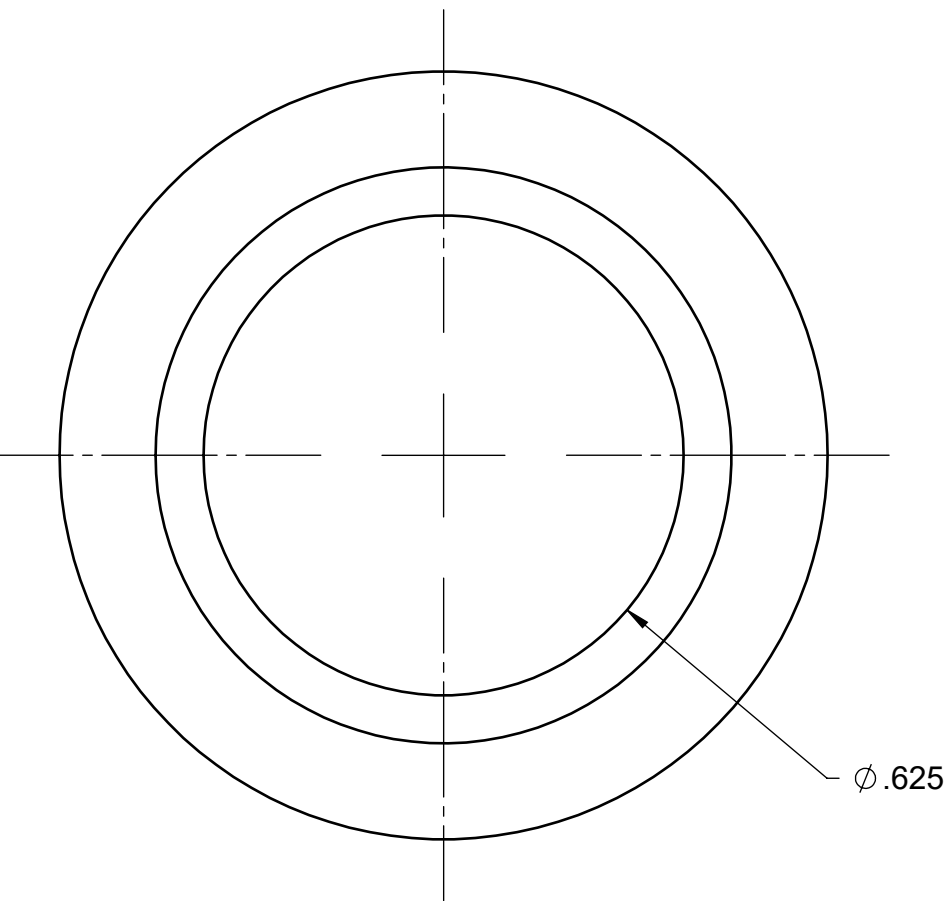
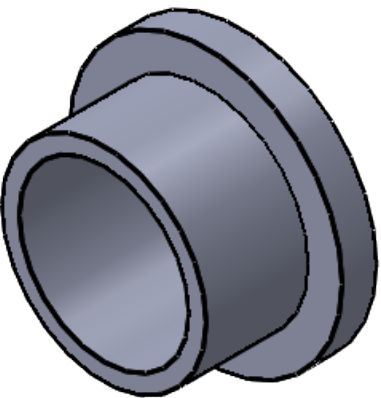
- NOTE:
- THICKNESS IS .125 INCHES
 - MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>			
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College					
		CUSTOMER WHEELCHAIR USER		TITLE TOP PARALLEL ARM CAP			
		PROJECT WHEELCHAIR LIFT					
<div>THIRD ANGLE PROJECTION</div> <div></div>		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D102	REVISION -	
		CHECKED BY K. LEE	DATE 2019. 06. 08				
		APPROVED K. LEE	DATE 2019. 06. 08	SCALE 1:1	WEIGHT lbs	1 OF 1	





NOTE:
1. MATERIAL: 316 STAINLESS STEEL

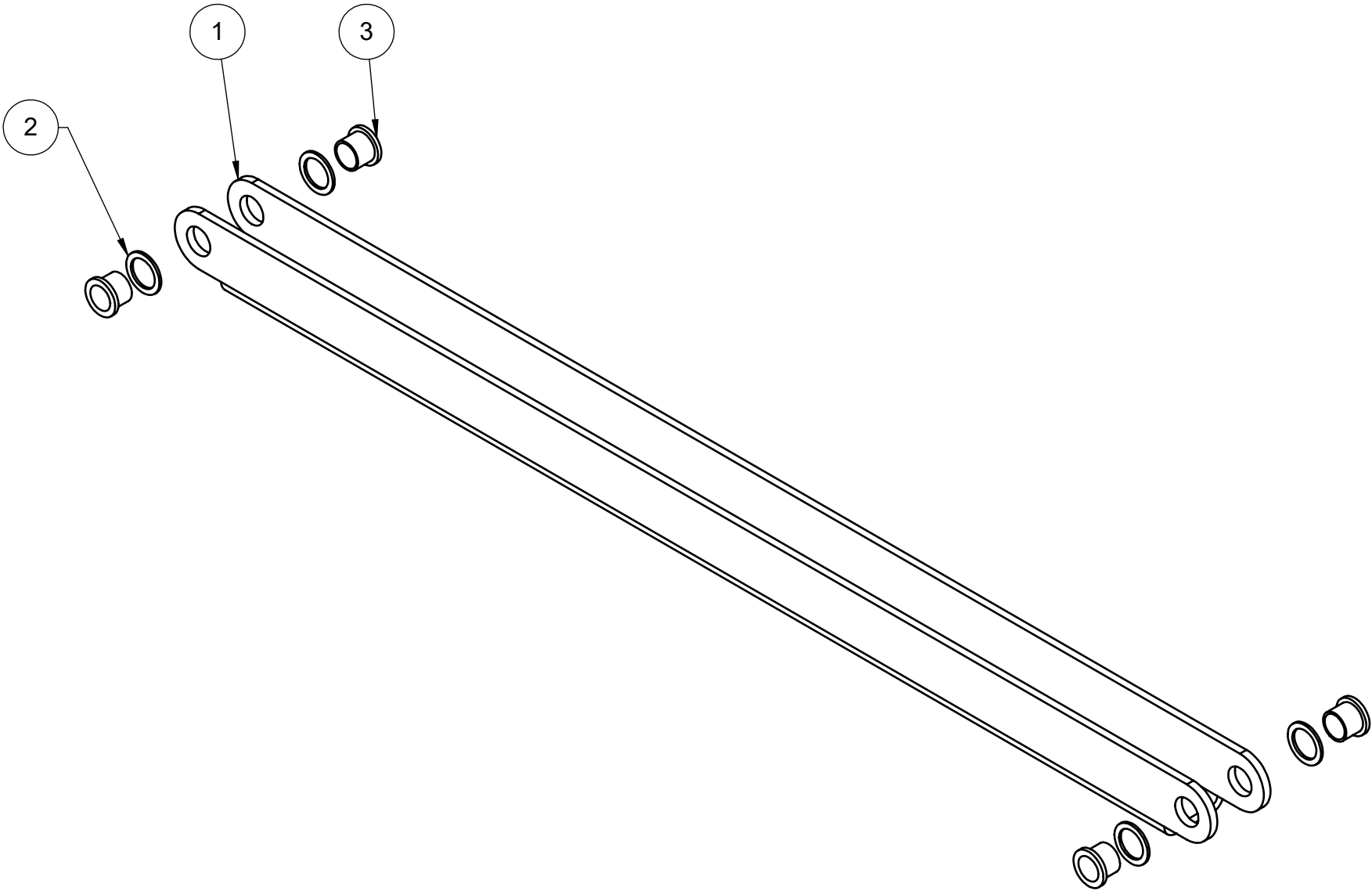
<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 µ in</div>		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
		CUSTOMER WHEELCHAIR USER		TITLE <div>WASHER .906 ID</div>		
		PROJECT WHEELCHAIR LIFT				
<div>THIRD ANGLE PROJECTION</div> <div><div></div><div></div></div>		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D103	REVISION -
		CHECKED BY K. LEE	DATE 2019. 06. 08	SCALE 4:1		
		APPROVED K. LEE	DATE 2019. 06. 08			
		WEIGHT lbs			1 OF 1	



NOTE:
1. MATERIAL: SAE 863 BRONZE

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 µ in</div>		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>	
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College			
		CUSTOMER WHEELCHAIR USER		TITLE <div>BEARING FLANGE</div>	
		PROJECT WHEELCHAIR LIFT			
<div>THIRD ANGLE PROJECTION</div> <div></div>		SIZE <div>B</div>	DRAWING NO <div>D104</div>		REVISION <div>-</div>
		SCALE 4:1	WEIGHT lbs	1 OF 1	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D201	ARM-PARALLEL BOTTOM	1
2	D103	WASHER-0.906 ID X 1.23 OD X 0.075 TH ZINC	4
3	D104	BEARING-FLANGE-0.75 X 0.375 -12FDU06	4



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY


PROPRIETARY

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Conestoga College

CUSTOMER
WHEELCHAIR USER

PROJECT
WHEELCHAIR LIFT

DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08



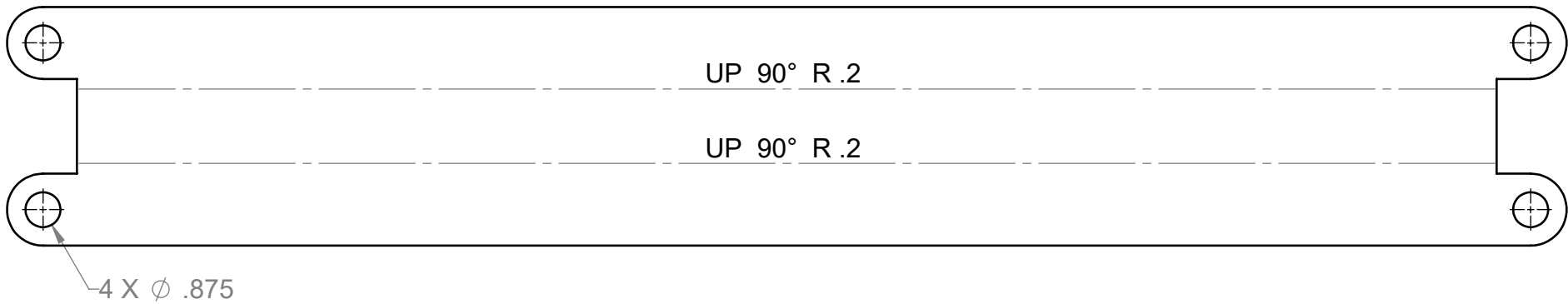
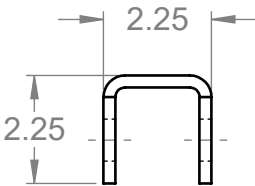
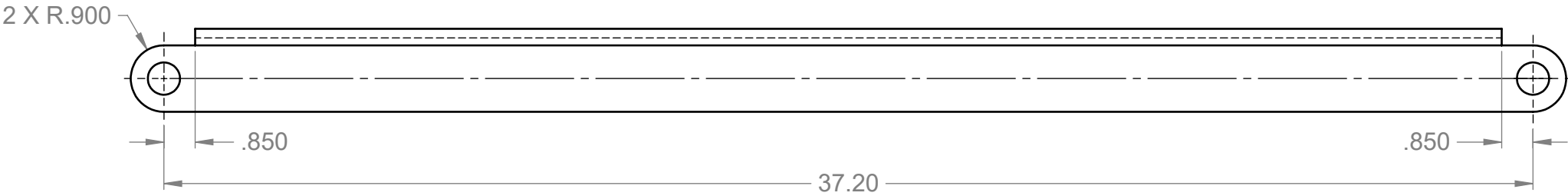
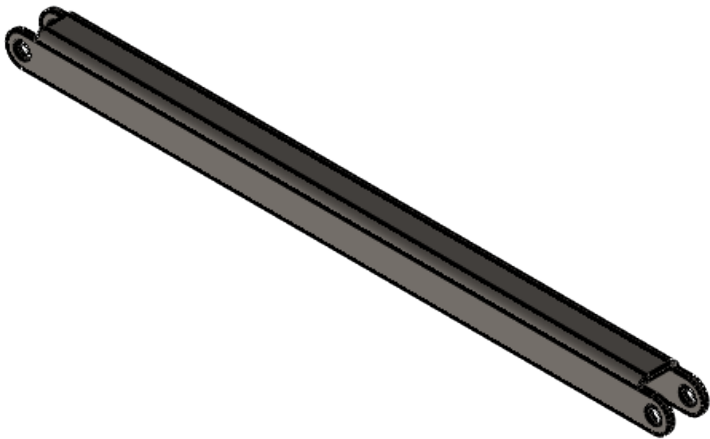
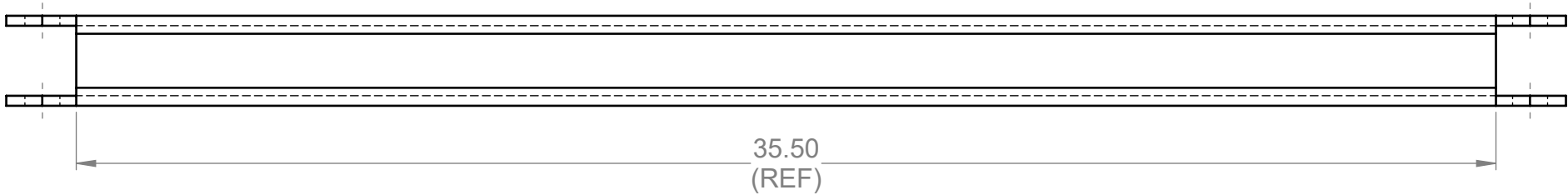
CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4



TITLE

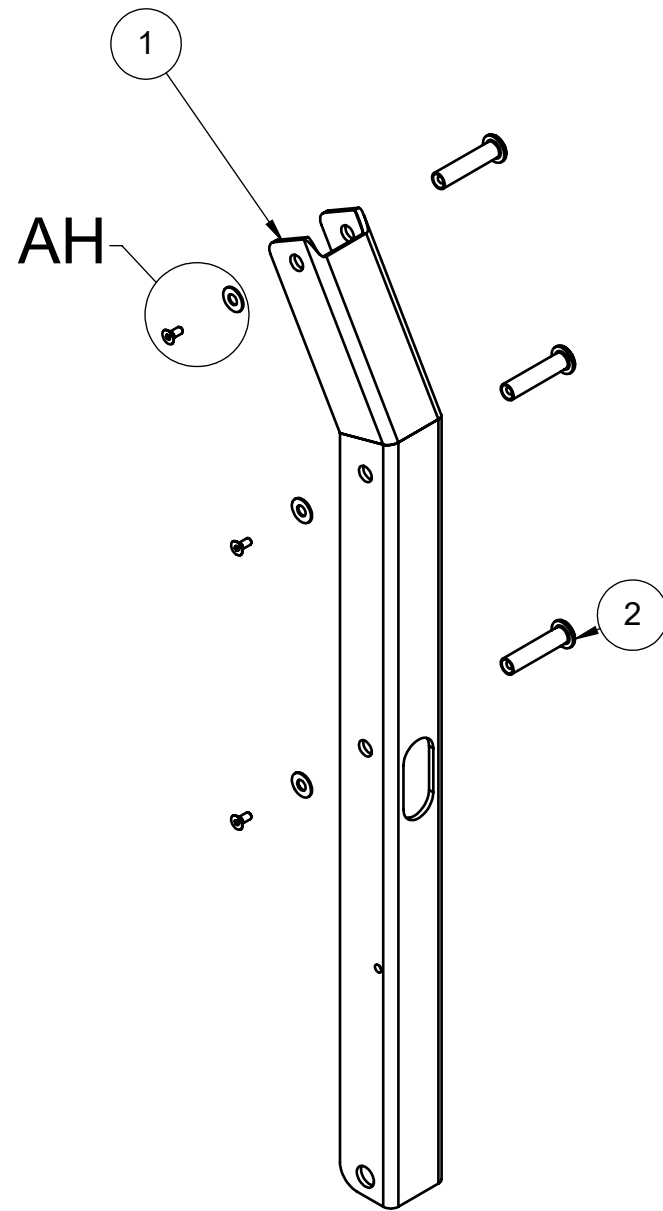
BOTTOM PARALLEL ARM ASSEMBLY

SIZE B	DRAWING NO	SA200	REVISION -
SCALE 1:4	WEIGHT lbs	1 OF 1	

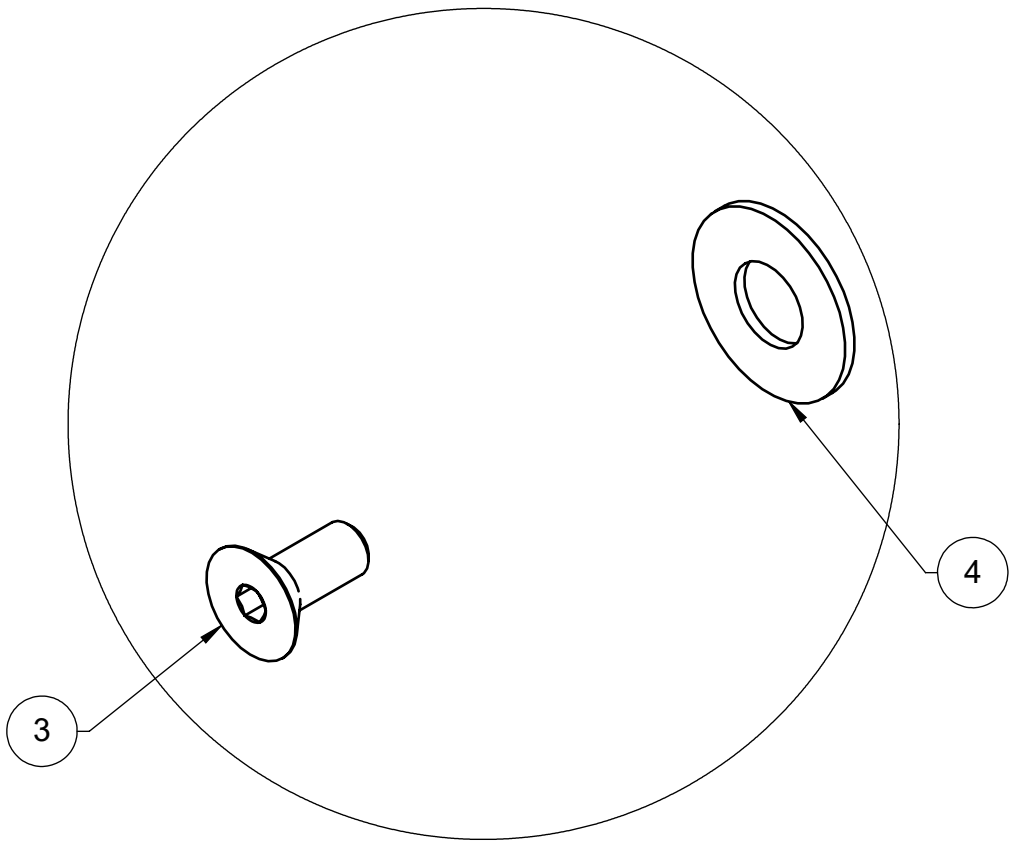


- NOTE:
1. THE PART IS SYMMETRICAL
 2. THICKNESS IS .25 INCHES
 3. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		 CONESTOGA Connect Life and Learning		299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
DO NOT SCALE DRAWING		PROPRIETARY		TITLE BOTTOM PARALLER ARM			
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994		NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College					
DIMENSIONS ARE IN INCHES		CUSTOMER WHEELCHAIR USER					
TOLERANCES APPLY AS SHOWN BELOW		PROJECT WHEELCHAIR LIFT		SIZE B			
0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		DRAWN BY K. LEE					
THIRD ANGLE PROJECTION		CHECKED BY K. LEE		DATE 2019. 06. 08		REVISION -	
		APPROVED K. LEE		DATE 2019. 06. 08		SCALE 1:4	
				WEIGHT lbs		1 OF 1	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	WA301	VERTICAL ARM WELDMENT ASSEMBLY	1
2	D801	PIN TYPE 1	3
3	91253A581	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 5/16"-18 THREAD SIZE, 3/4" LONG	3
4	92141A032	18-8 STAINLESS STEEL WASHER FOR 7/16" SCREW SIZE, 0.5" ID, 1.125" OD	3



DETAIL AH
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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CUSTOMER WHEELCHAIR USER	
PROJECT WHEELCHAIR LIFT	
DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

CONESTOGA
Connect Life and Learning

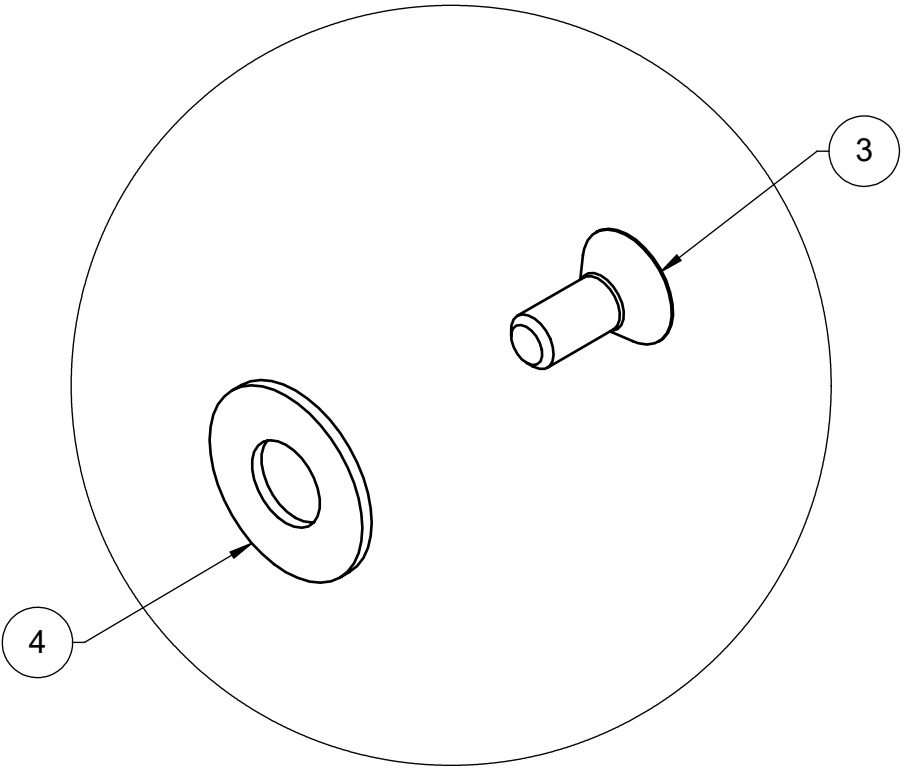
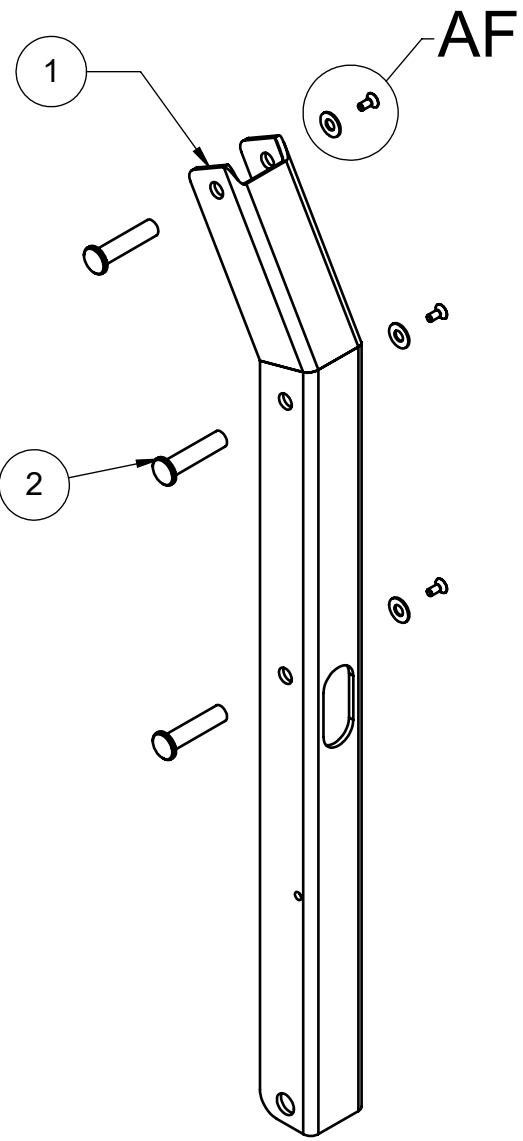
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

VERTICAL ARM ASSEMBLY (LEFT)

SIZE B	DRAWING NO SA300-01	REVISION -
SCALE 1:8	WEIGHT lbs	1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	WA301	VERTICAL ARM WELDMENT ASSEMBLY	1
2	D801	PIN TYPE 1	3
3	91253A581	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 5/16"-18 THREAD SIZE, 3/4" LONG	3
4	92141A032	18-8 STAINLESS STEEL WASHER FOR 7/16" SCREW SIZE, 0.5" ID, 1.125" OD	3



DETAIL AF
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

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ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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ANY FORM, WITHOUT THE WRITTEN PERMISSION OF
Conestoga College

CUSTOMER WHEELCHAIR USER	
PROJECT WHEELCHAIR LIFT	
DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

CONESTOGA
Connect Life and Learning

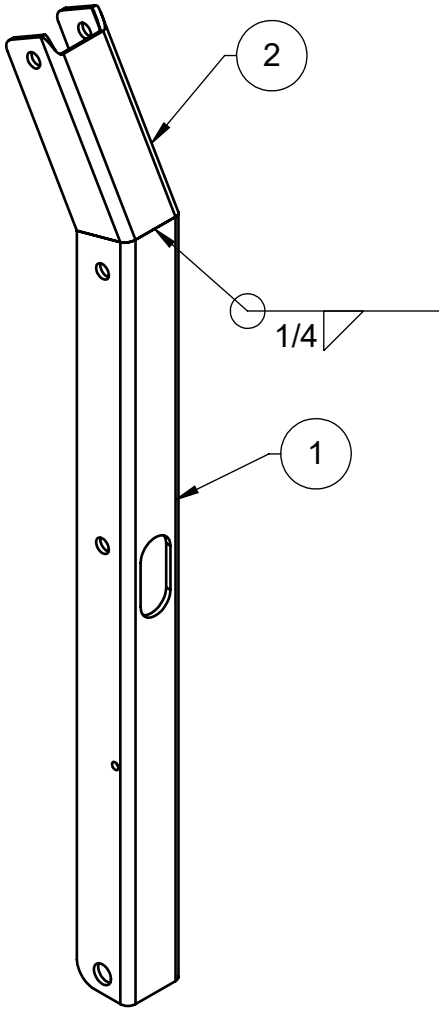
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

VERTICAL ARM ASSEMBLY (RIGHT)

SIZE B	DRAWING NO SA300-02	REVISION -
SCALE 1:8	WEIGHT lbs	1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D301-01	VMT-VERTICAL CHANNEL PART 1	1
2	D301-02	VMT-VERTICAL CHANNEL PART 2	1



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED,
STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN
ANY FORM, WITHOUT THE WRITTEN PERMISSION OF
Conestoga College

CUSTOMER
WHEELCHAIR USER

PROJECT
WHEELCHAIR LIFT

DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

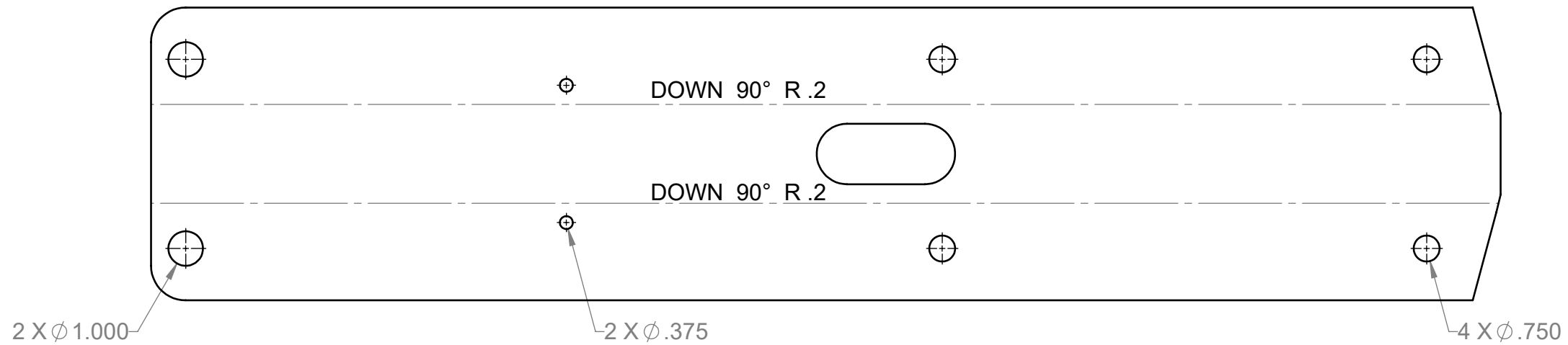
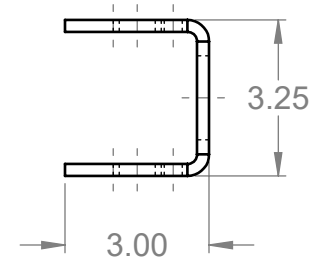
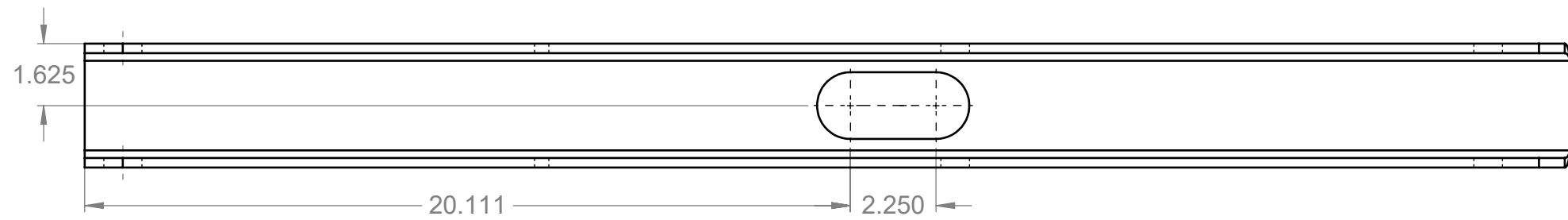
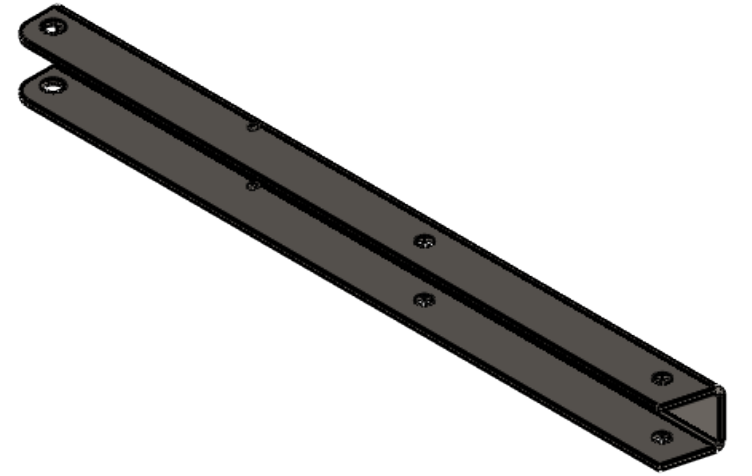
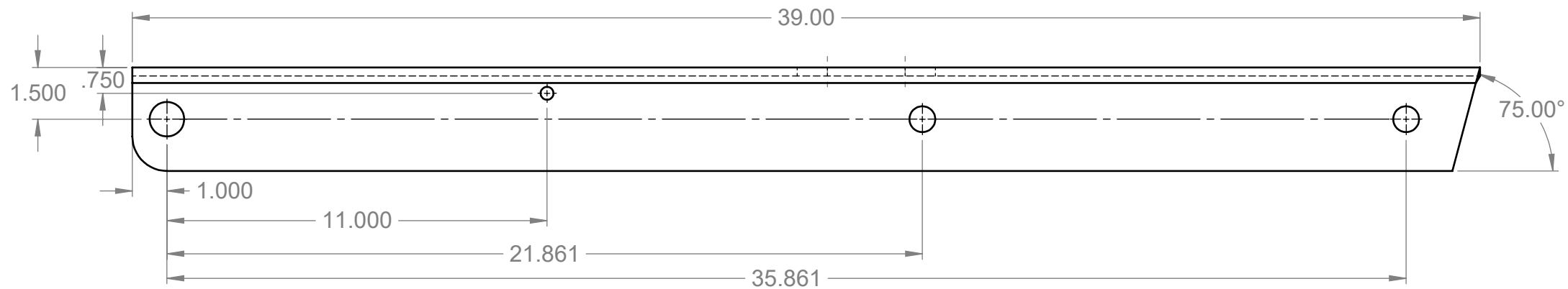
CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

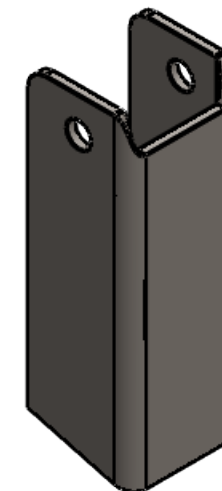
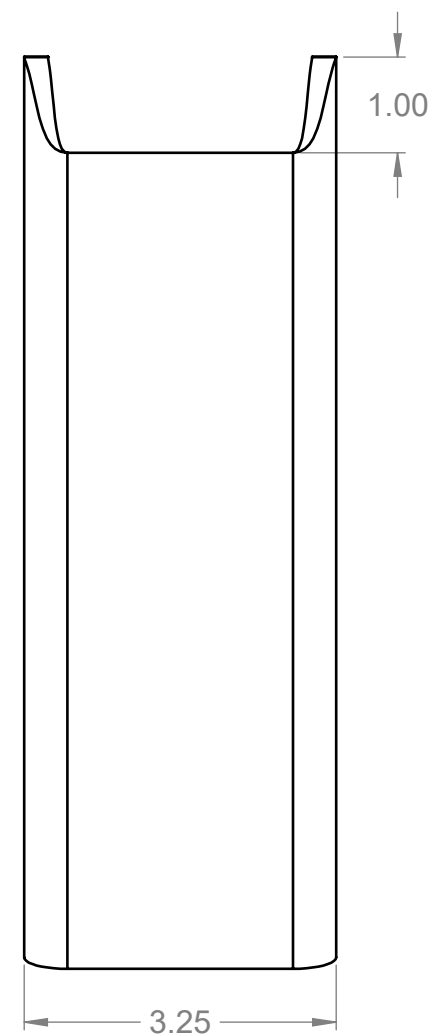
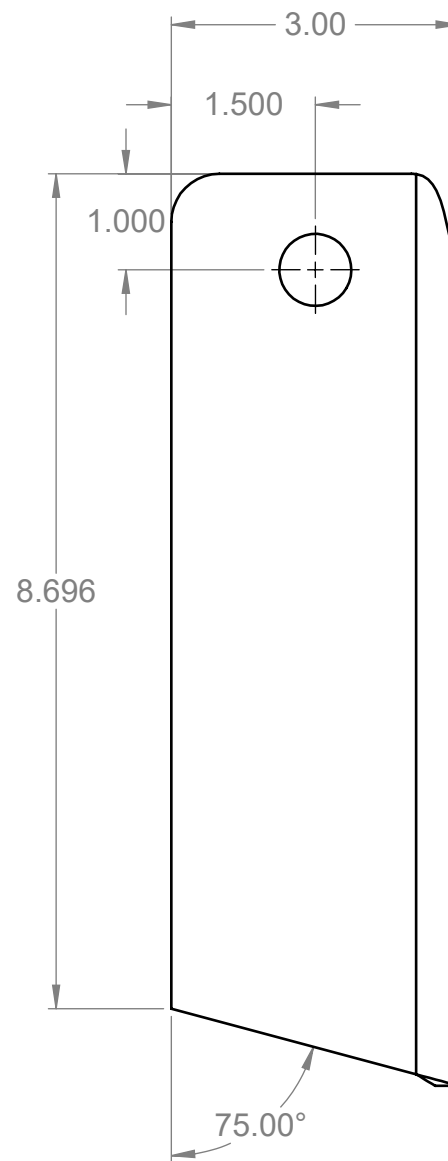
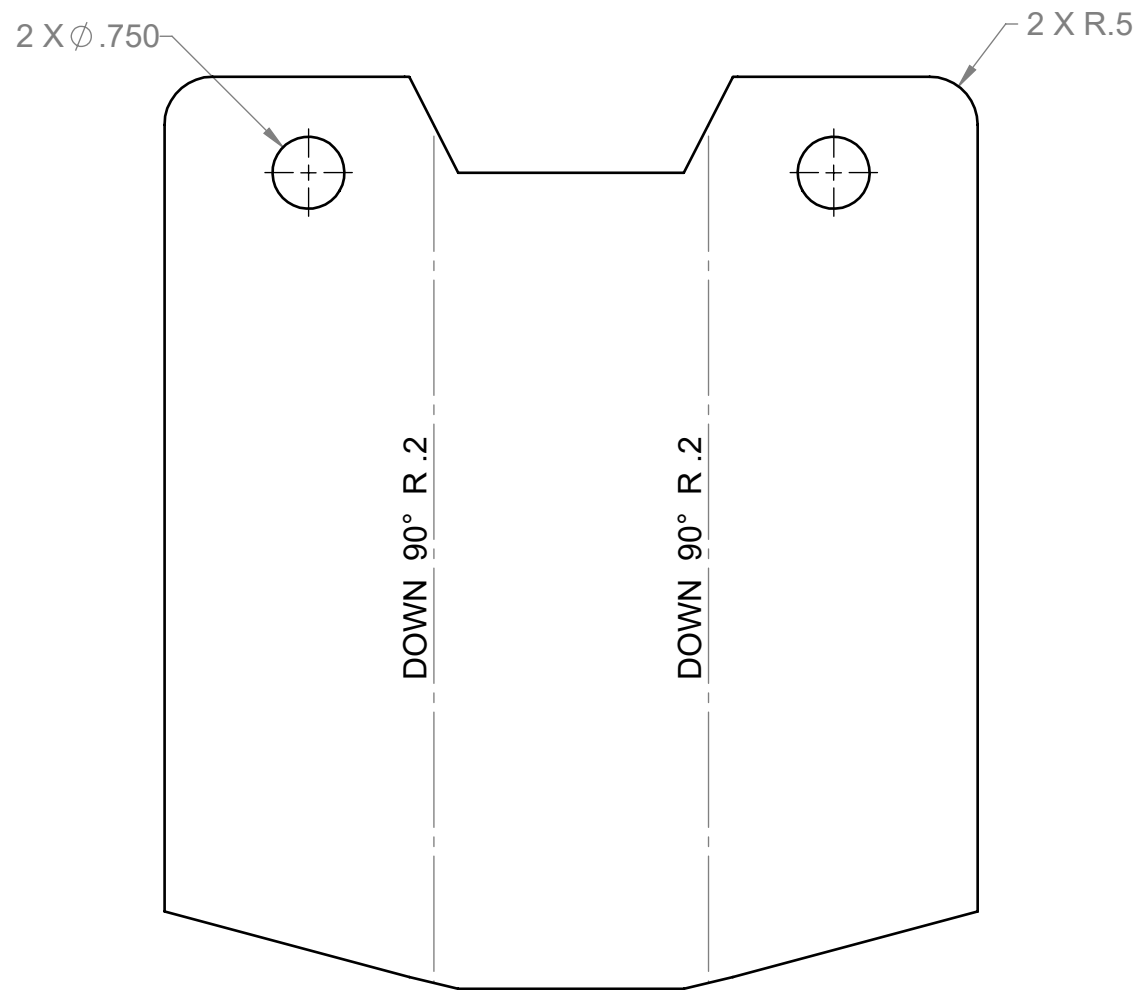
VERTICAL ARM WELDMENT ASSEMBLY

SIZE B	DRAWING NO WA301	REVISION -
SCALE 1:8	WEIGHT lbs	1 OF 1



- NOTE:
- THICKNESS IS .25 INCHES
 - MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER		TITLE VERTICAL CHANNEL PART 1		
		PROJECT WHEELCHAIR LIFT				
DRAWN BY K. LEE		DATE 2019. 06. 08		SIZE B	DRAWING NO D301-01	REVISION -
CHECKED BY K. LEE		DATE 2019. 06. 08		D301-01		
APPROVED K. LEE		DATE 2019. 06. 08				
SCALE 1:4		WEIGHT lbs		1 OF 1		



- NOTE:
1. THICKNESS IS .25 INCHES
 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		C CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		TITLE VERTICAL CHANNEL PART 2	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE B SCALE 1:2	DRAWING NO D301-02 WEIGHT lbs 1 OF 1
				REVISION -	

4

3

2

1

D

C

C

B

B

A

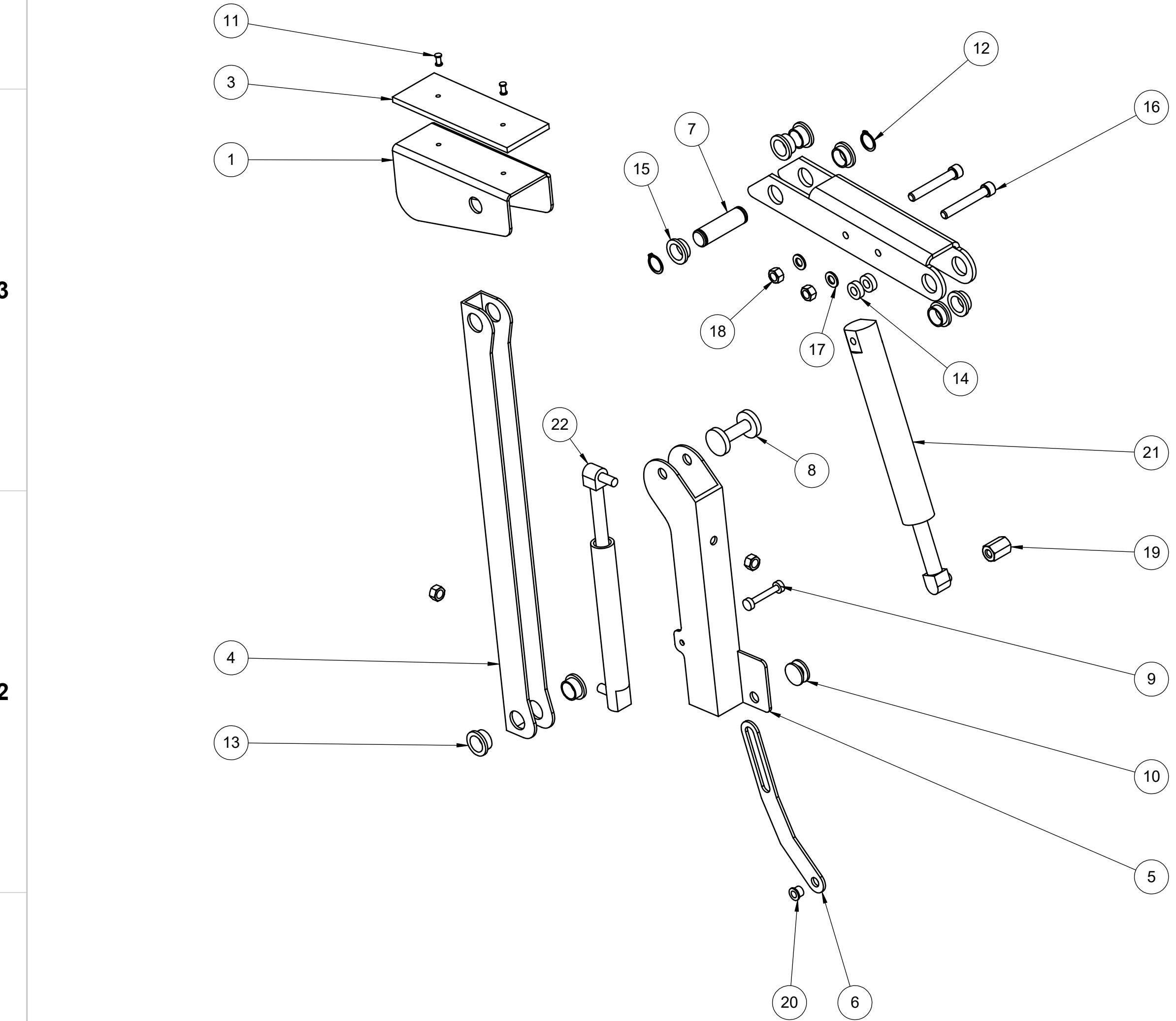
A

4

3

2

1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D402	ROTATING PIVOT SLIDE ARM PART 1	1
2	D403	ROTATING PIVOT SLIDE ARM PART 2	1
3	D404	SLIDE-UHMW-PLATFORM SLIDE	1
4	D405	OUTER FOLD ARM	1
5	D406-02	(LEFT) INNER FOLD ARM	1
6	D407	HANDRAIL SLOT	1
7	D803	PIN TYPE 3	1
8	6831K17	SHAFT-MOUNT FLAT TRACK ROLLER WITHOUT SEAL, 1-3/4" ROLLER DIAMETER, 1" ROLLER WIDTH	1
9	3689K18	SHAFT-MOUNT CROWNED TRACK ROLLER, 1-5/8" ROLLER DIAMETER, 7/8" ROLLER WIDTH	1
10	93120A115	BARRELS FOR 1" MATERIAL THICKNESS FOR PLASTIC PRESS-FIT LOW-PROFILE BINDING POST	1
11	97525A425	18-8 STAINLESS STEEL BLIND RIVETS, DOMED HEAD, 1/8" DIAMETER, FOR 0.188"-0.25" MATERIAL THICKNESS	2
12	97633A250	EXTERNAL RETAINING RING FOR 3/4" OD, BLACK-PHOSPHATE 1060-1090 SPRING STEEL	2
13	6338K429	OIL-EMBEDDED FLANGED SLEEVE BEARING, 3/4" SHAFT, 7/8" HOUSING ID, 1/2" LONG, 1-1/8" FLANGE OD	4
14	92320A396	18-8 STAINLESS STEEL UNTHREADED SPACER, 3/4" OD, 1/4" LONG, FOR 3/8" SCREW SIZE	2
15	1677K15	ULTRA-LOW-FRICTION OIL-EMBEDDED SLEEVE BEARING, FLANGED, FOR 3/4" SHAFT DIAMETER, 1/2" LONG	4
16	90044A148	BLACK-OXIDE ALLOY STEEL SOCKET HEAD SCREW, 3/8"-16 THREAD SIZE, 2-1/2" LONG, FULLY THREADED	2
17	91922A306	STEEL MIL. SPEC. WASHER, CADMIUM-PLATED, 3/8" SCREW SIZE, MS-20002-6	2
18	94191A300	MIL. SPEC. HIGH-STRENGTH STEEL HEX NUT, GRADE 8, 3/8"-16 THREAD SIZE, MS-51967-9	4
19	91034A110	LOW-STRENGTH STEEL COUPLING NUT, BLACK-OXIDE, 3/8"-16 THREAD SIZE	1
20	6338K453	OIL-EMBEDDED FLANGED SLEEVE BEARING FOR 5/16" SHAFT DIAMETER AND 7/16" HOUSING ID, 3/8" LONG	1
21	GAS SPRING ASSEMBLY	GAS SPRING, 15.24" EXTENDED LENGTH	1
22	GAS SPRING ASSEMBLY (TYPE3)	GAS SPRING, 12.2" EXTENDED LENGTH	1

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03

1 PL DEC ± 0.02

2 PL DEC ± 0.01

3 PL DEC ± 0.005

ANGLES ± 1°

SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

DRAWN BY: K. LEE

CHECKED BY: K. LEE

APPROVED: K. LEE

DATE: 2019. 06. 08

DATE: 2019. 06. 08

DATE: 2019. 06. 08

CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

PIVOT ARM ASSEMBLY (LEFT)

SIZE: C

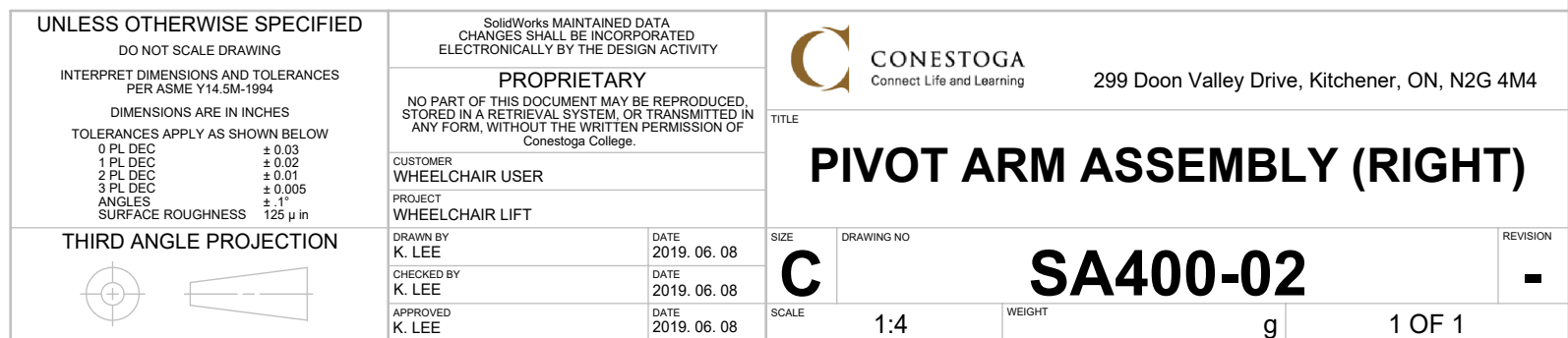
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REVISION: -

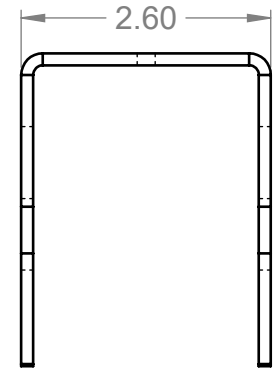
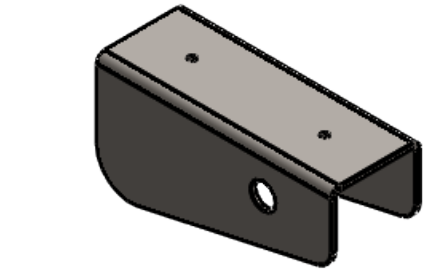
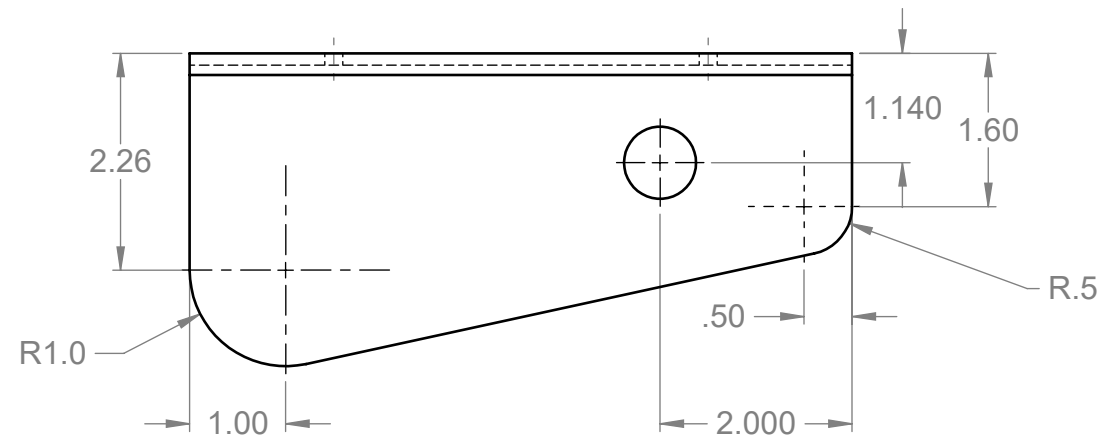
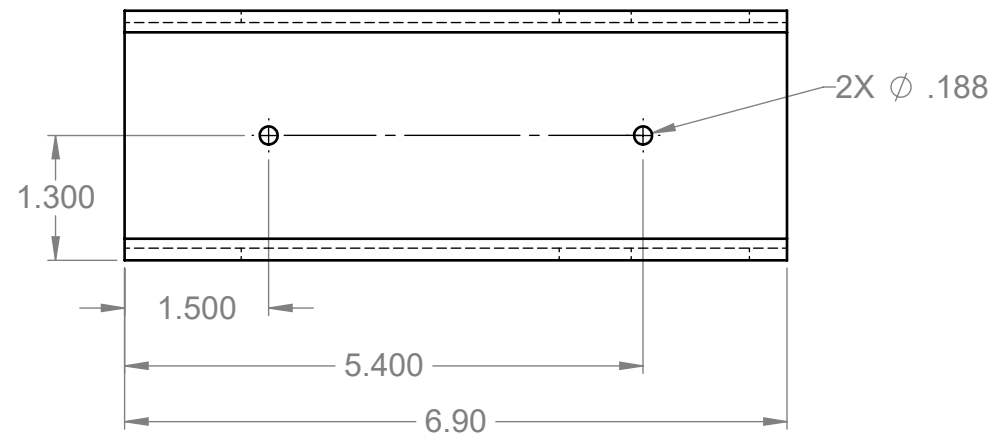
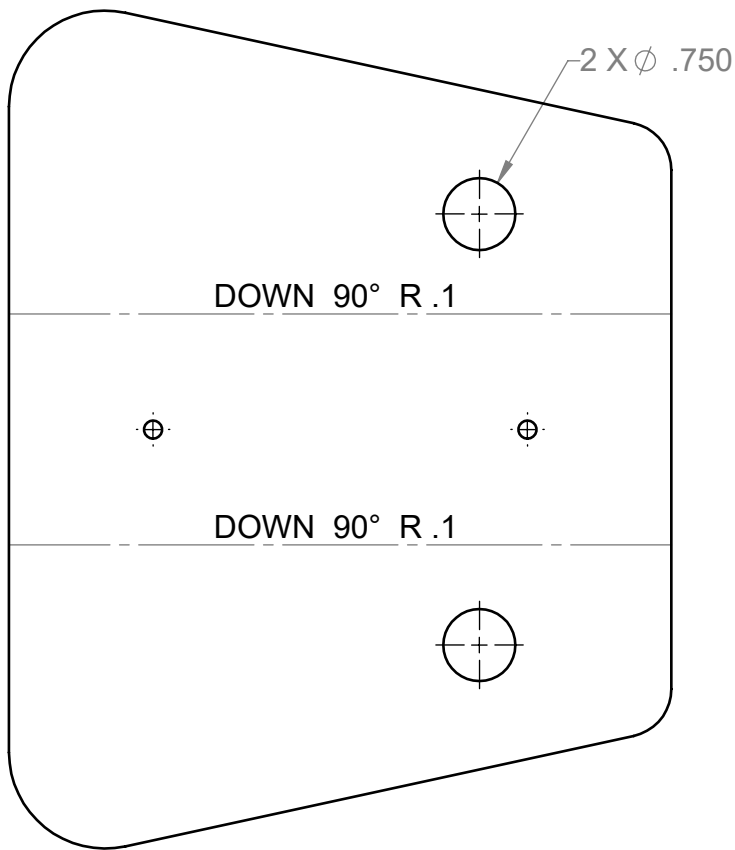
SCALE: 1:4

WEIGHT: g



1 OF 1

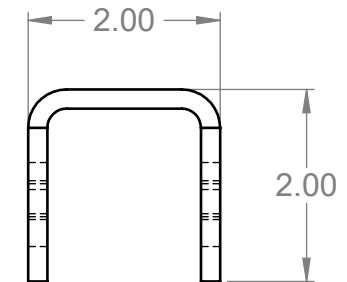
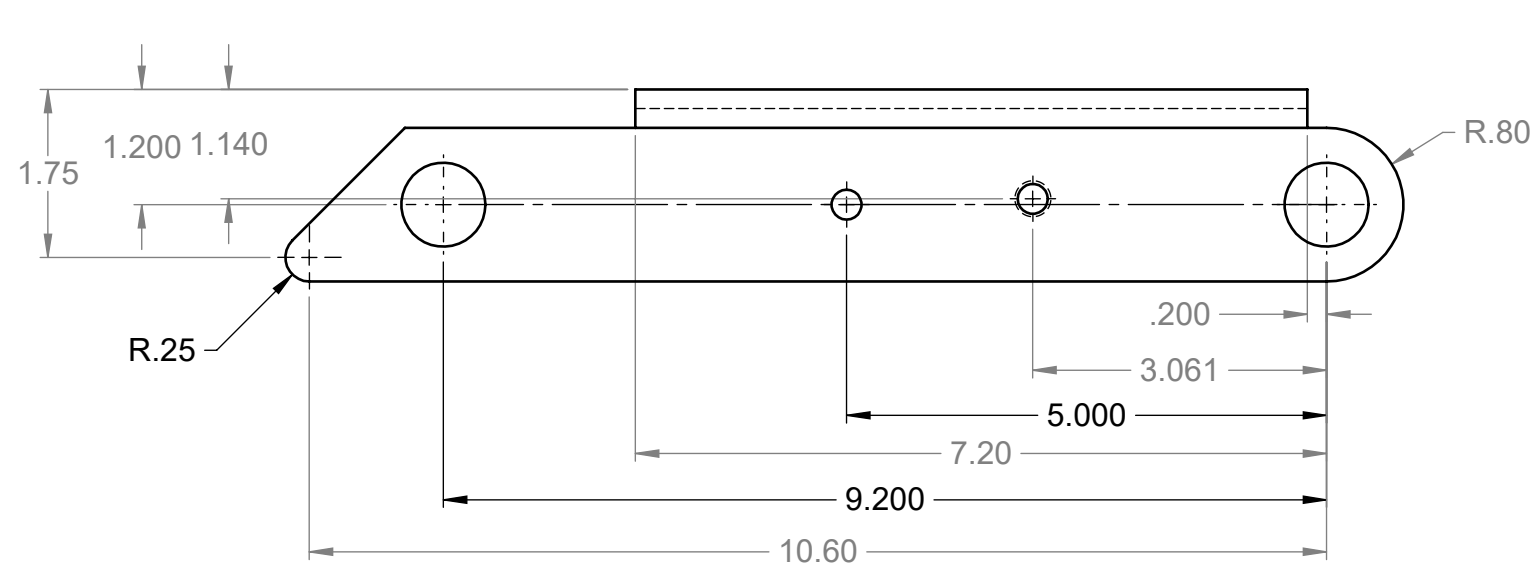
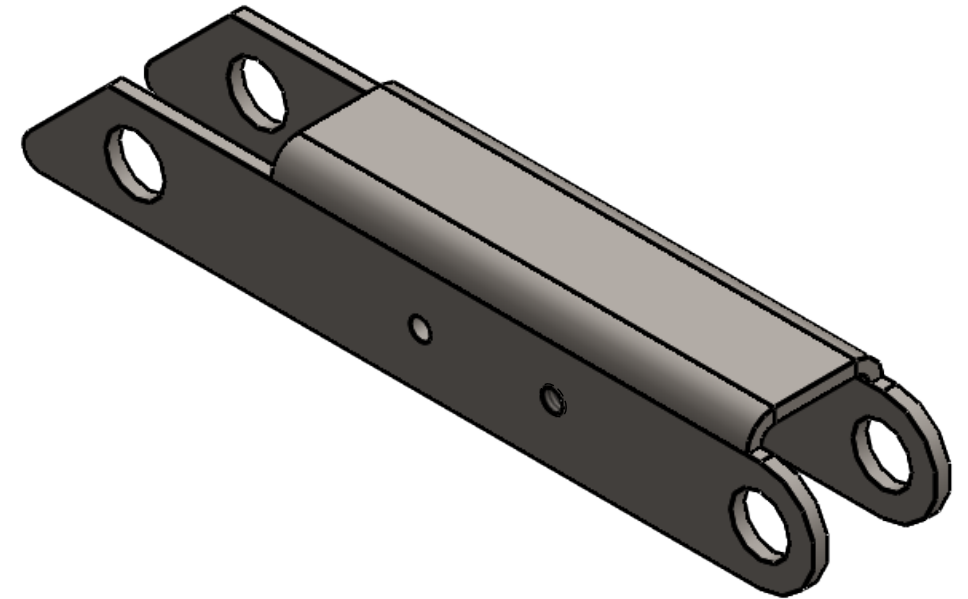
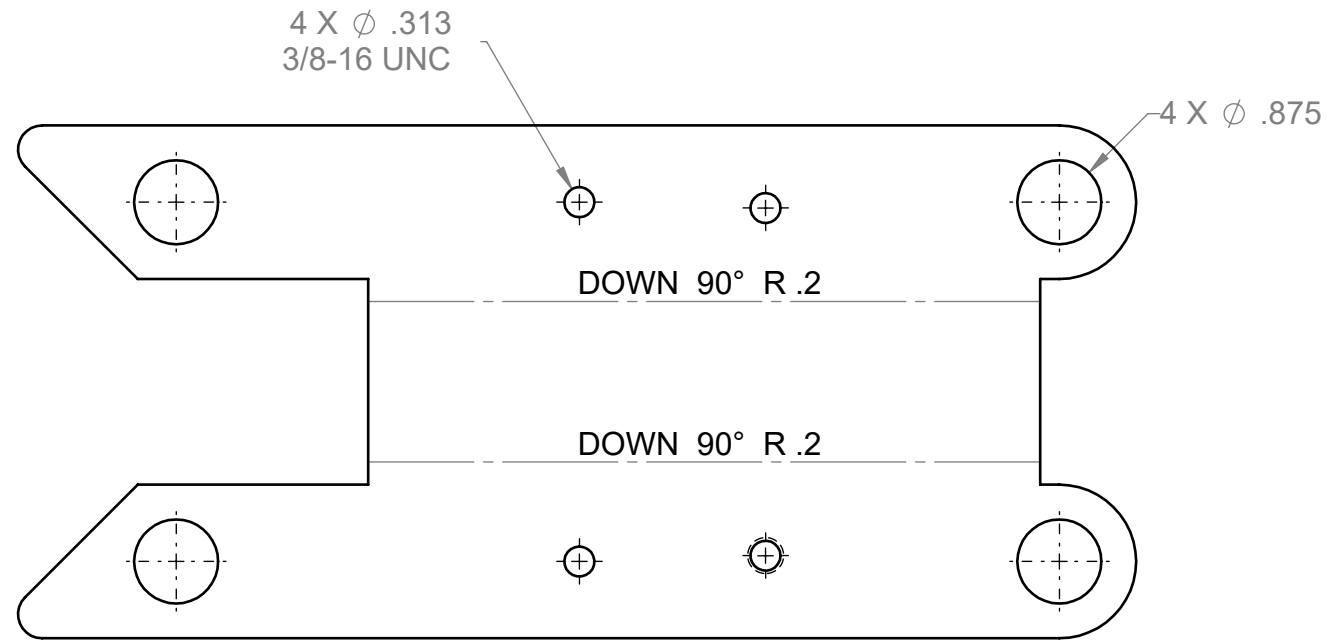


ITEM NO.	PART NUMBER	DESCRIPTION	QTY
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2	D403	ROTATING PIVOT SLIDE ARM PART 2	1
3	D404	SLIDE-UHMW-PLATFORM SLIDE	1
4	D405	OUTER FOLD ARM	1
5	D406-01	INNER FOLD ARM TYPE 1	1
6	D407	HANDRAIL SLOT	1
7	D803	PIN TYPE 3	1
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22	GAS SPRING ASSEMBLY (TYPE3)	GAS SPRING, 12.2" EXTENDED LENGTH	1



NOTE:
1. THICKNESS IS .125 INCHES
2. MATERIAL: 1040 ANNEALED

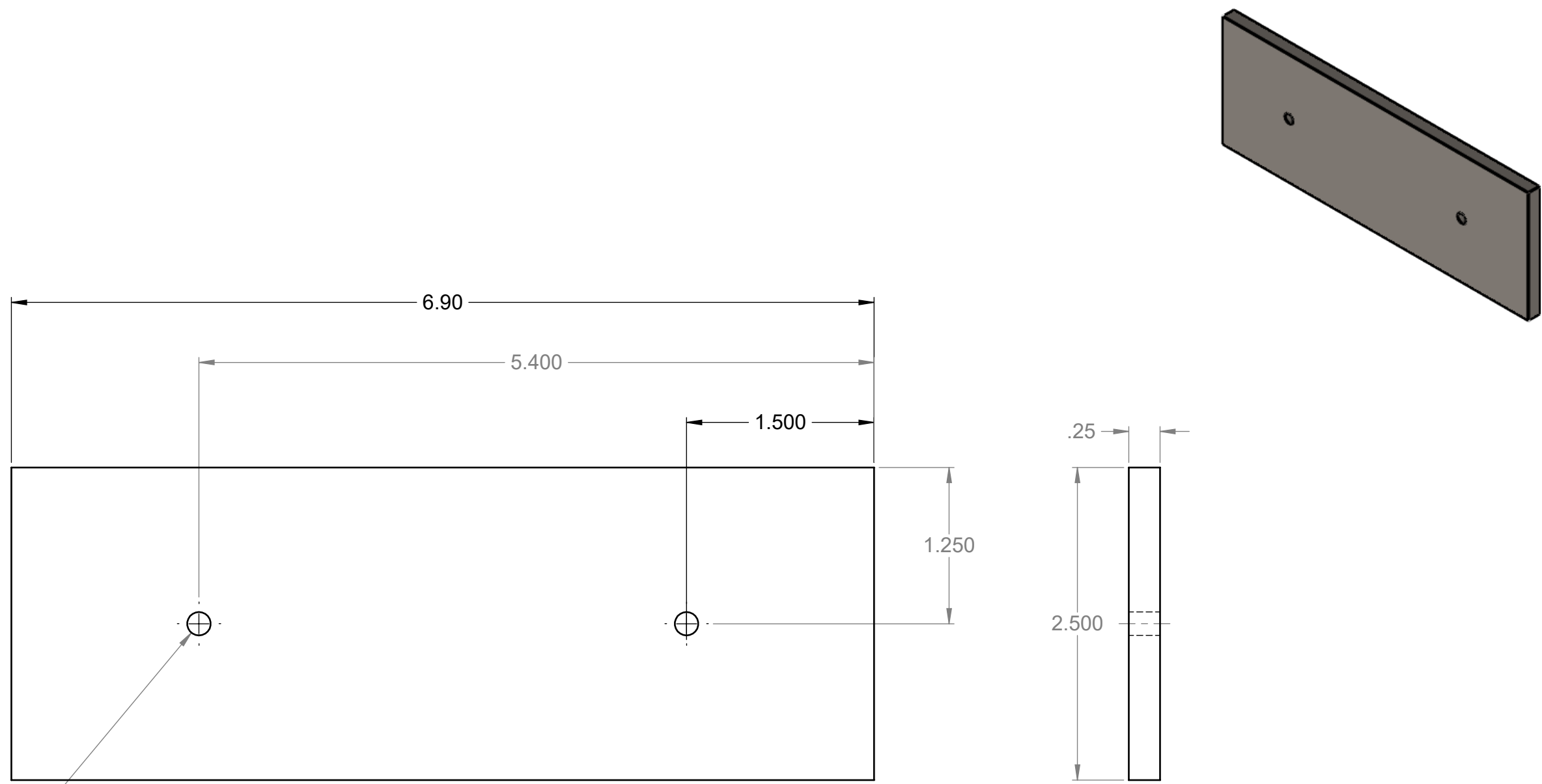
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		TITLE ROTATING PIVOT SLIDE ARM PART 1		REVISION -	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE B DRAWING NO D402	
SCALE 1:2		WEIGHT lbs		1 OF 1	



- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED

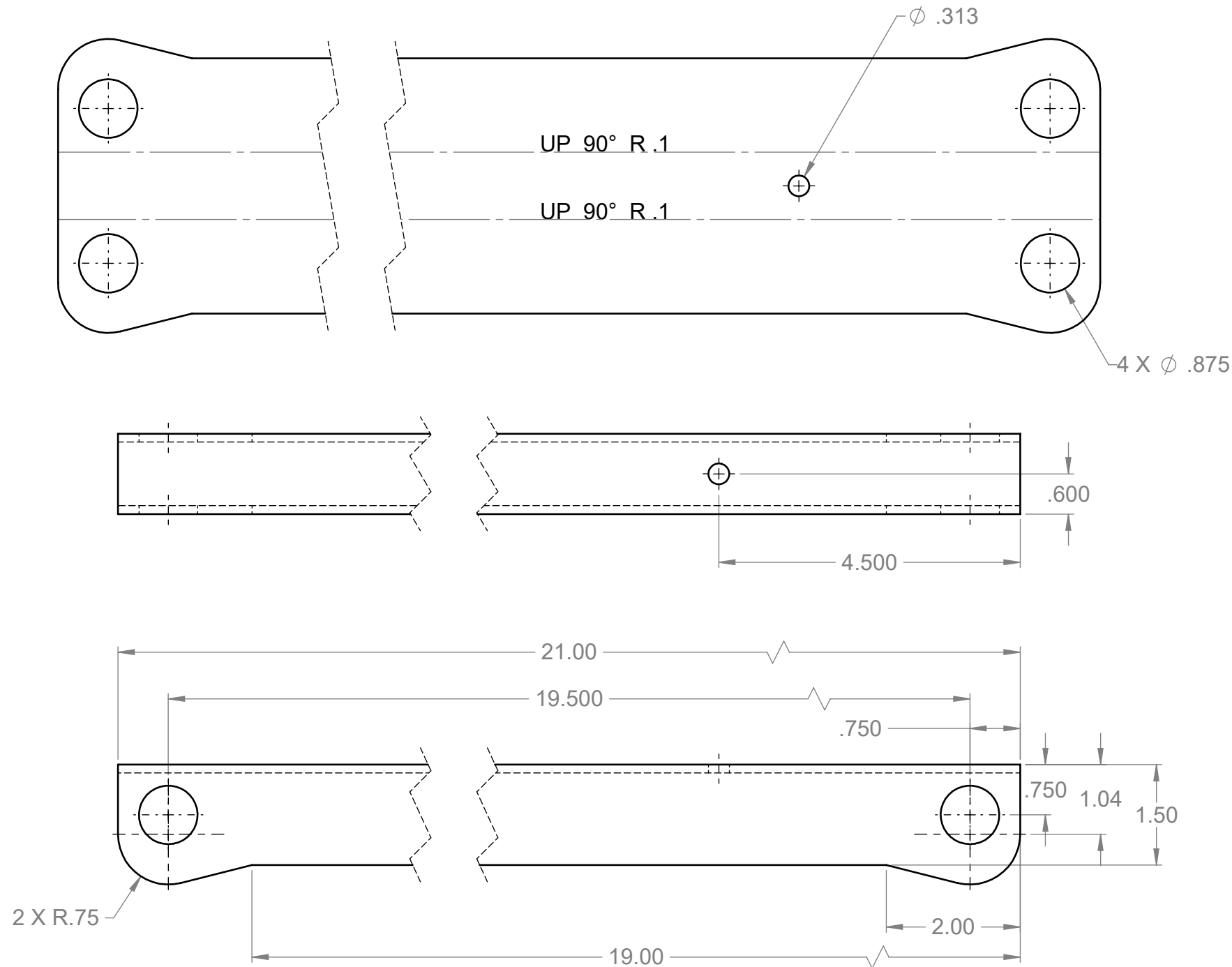
UNLESS OTHERWISE SPECIFIED		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		CONESTOGA Connect Life and Learning		299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
DO NOT SCALE DRAWING		PROPRIETARY		TITLE		ROTATING PIVOT SLIDE ARM PART 2	
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994		NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		CUSTOMER		WHEELCHAIR USER	
DIMENSIONS ARE IN INCHES		PROJECT		WHEELCHAIR LIFT		SIZE	
TOLERANCES APPLY AS SHOWN BELOW		DRAWN BY		K. LEE		DATE	
0 PL DEC ± 0.2		CHECKED BY		K. LEE		DATE	
1 PL DEC ± 0.1		APPROVED		K. LEE		DATE	
2 PL DEC ± 0.01		THIRD ANGLE PROJECTION		SCALE		1:2	
3 PL DEC ± 0.005		SURFACE ROUGHNESS		125 µ in		WEIGHT	
ANGLES ± .1°		DRAWING NO		B		D403	
REVISION		1 OF 1					

2X ϕ .188





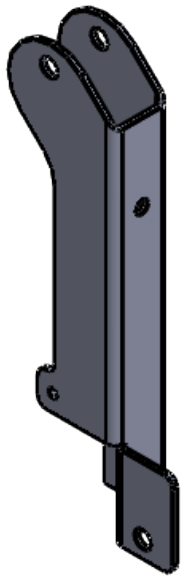
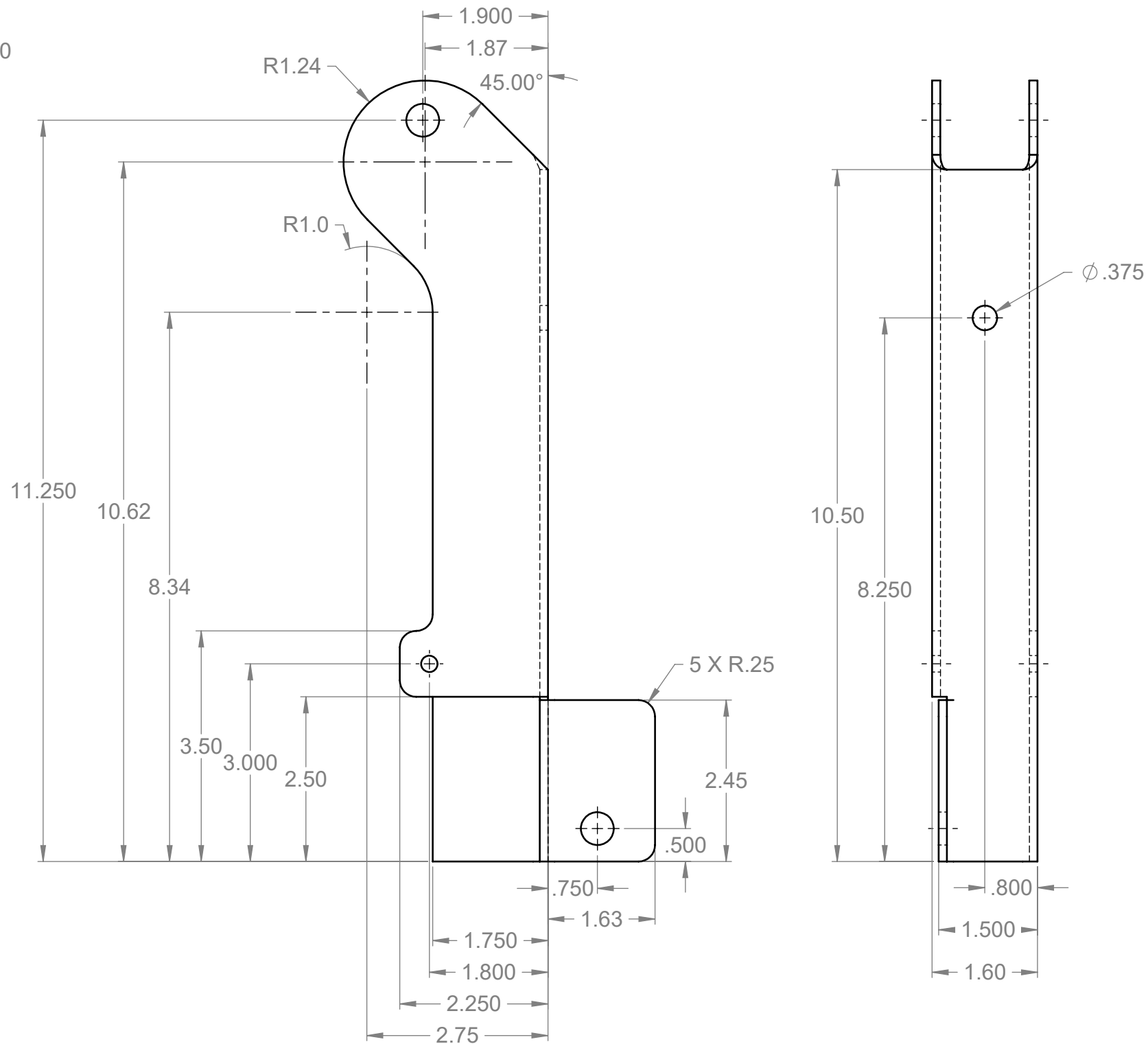
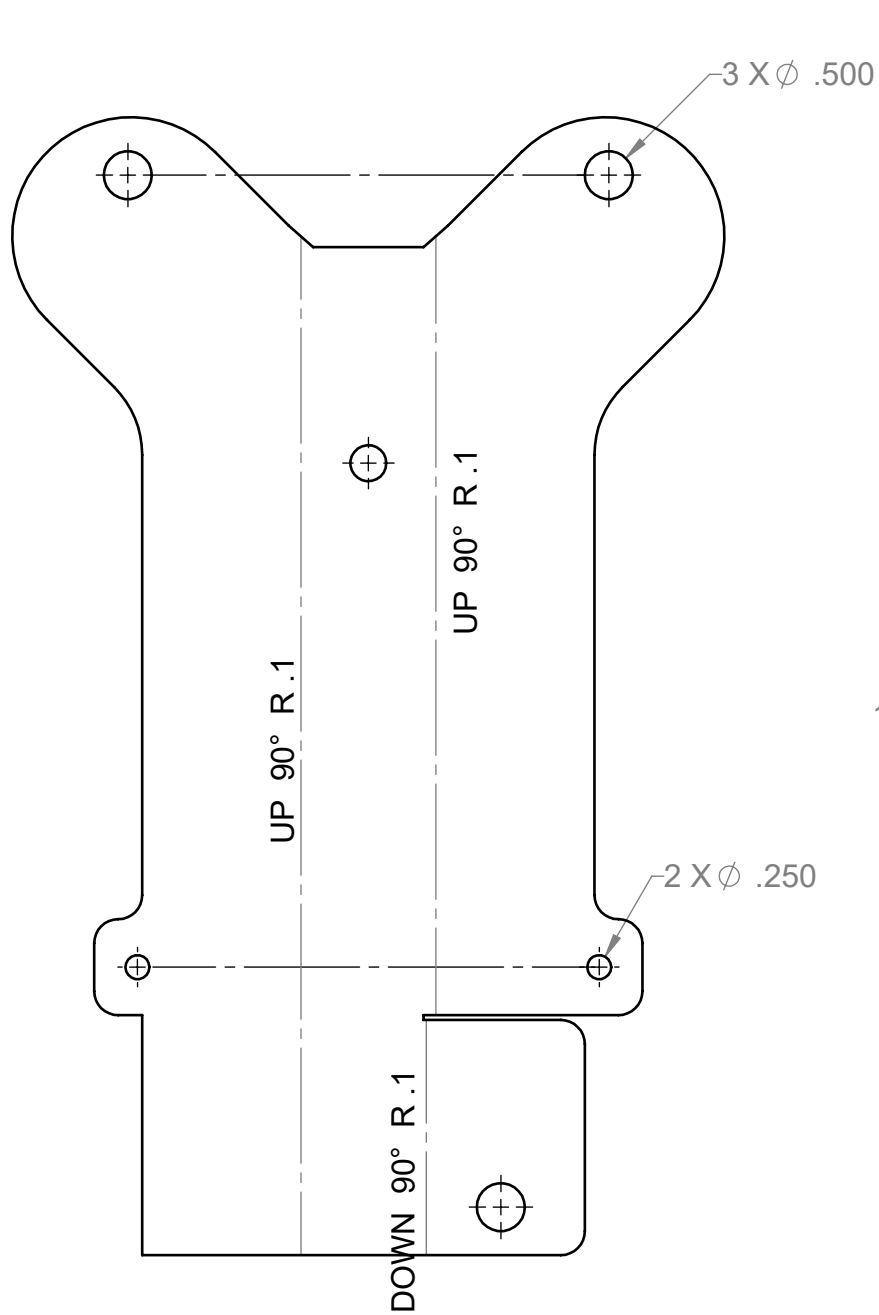
- NOTE:
1. THICKNESS IS .25 INCHES
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		CUSTOMER WHEELCHAIR USER				
		PROJECT WHEELCHAIR LIFT				
THIRD ANGLE PROJECTION <div></div>		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D404	REVISION -
		CHECKED BY K. LEE	DATE 2019. 06. 08			
		APPROVED K. LEE	DATE 2019. 06. 08	SCALE 1:2	WEIGHT lbs	1 OF 1





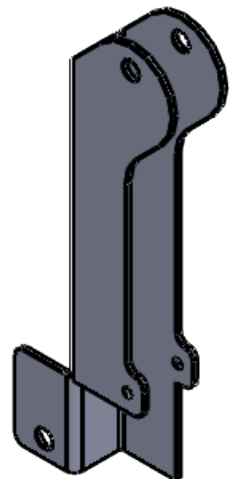
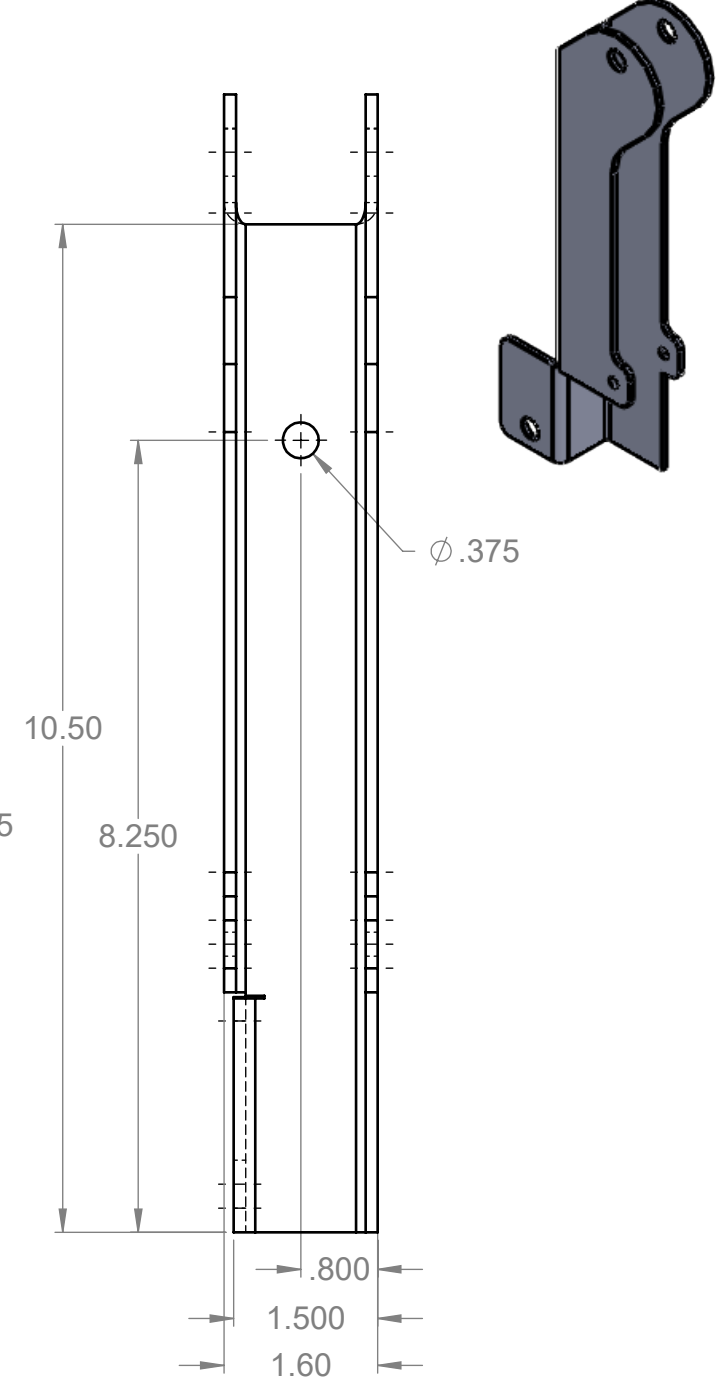
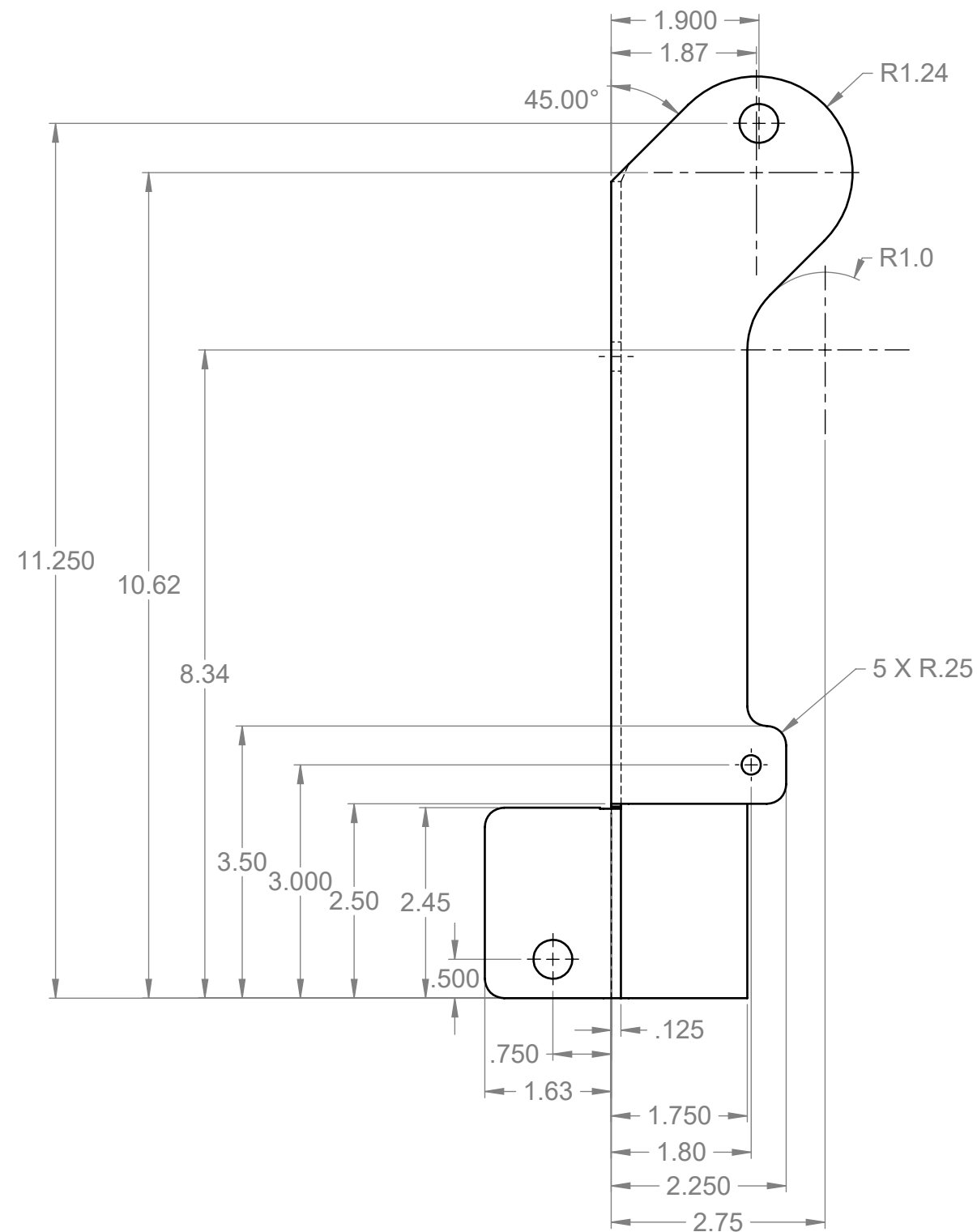
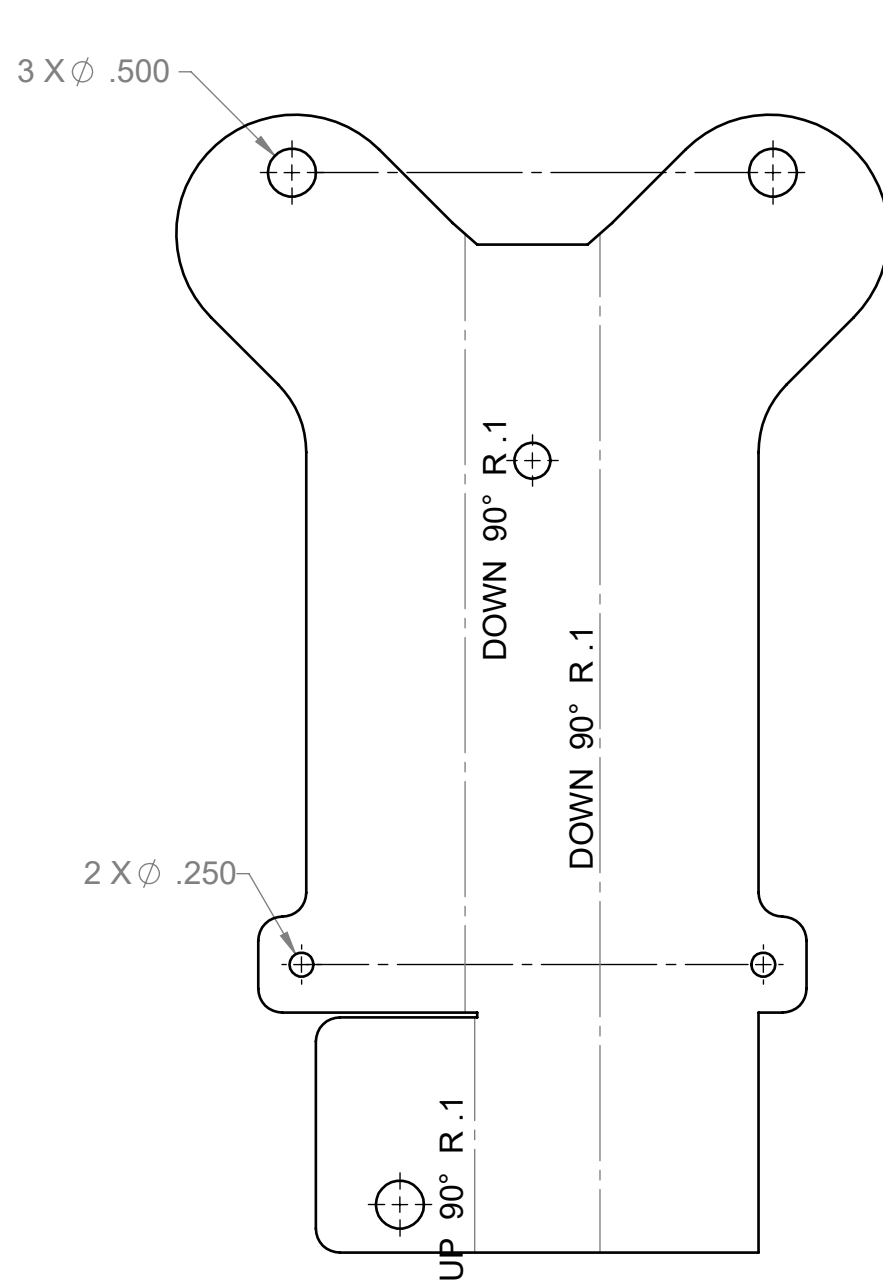
- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED

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		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College					
		CUSTOMER WHEELCHAIR USER		TITLE			
		PROJECT WHEELCHAIR LIFT		OUTER FOLD ARM			
THIRD ANGLE PROJECTION 		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO	REVISION	
		CHECKED BY K. LEE	DATE 2019. 06. 08	D405		-	
		APPROVED K. LEE	DATE 2019. 06. 08	SCALE 1:2	WEIGHT lbs	1 OF 1	





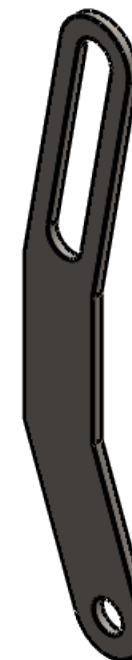
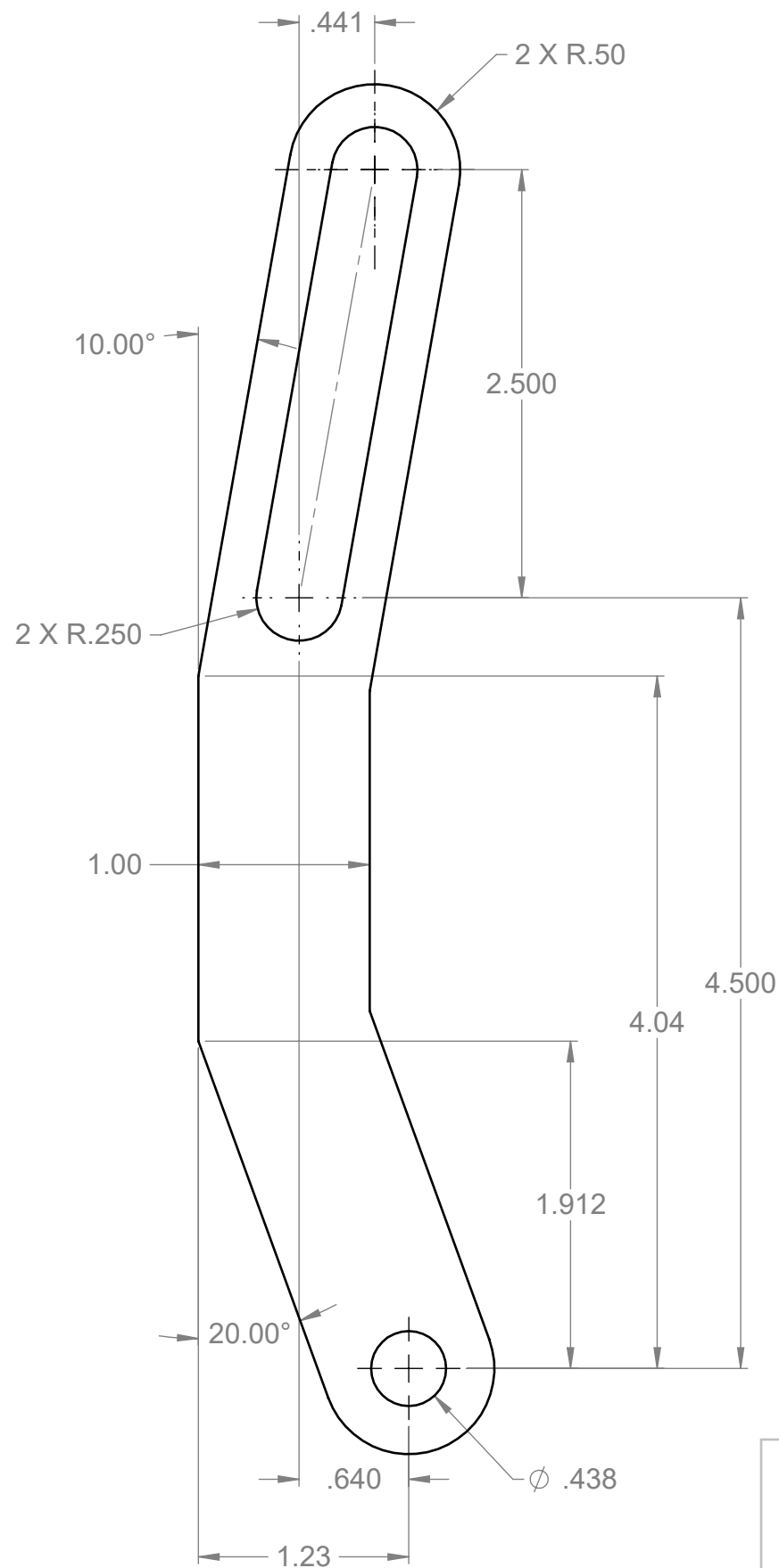
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<div>THIRD ANGLE PROJECTION</div> <div></div>		CUSTOMER WHEELCHAIR USER		<div>TITLE</div> <div>INNER FOLD ARM TYPE 1</div>				
		PROJECT WHEELCHAIR LIFT						
		DRAWN BY K. LEE				SIZE B	DRAWING NO D406-01	REVISION -
		CHECKED BY K. LEE						
APPROVED K. LEE		DATE 2019. 06. 08	SCALE 1:2			WEIGHT lbs	1 OF 1	




- NOTE:
- THICKNESS IS .125 INCHES
 - MATERIAL: 1040 ANNEALED

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 µ in</div>	<div>SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</div>		<div><div></div><div>CONESTOGA Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
	<div>PROPRIETARY</div> <div>NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College</div>		<div>TITLE</div> <div>INNER FOLD ARM TYPE 2</div>		
	<div>CUSTOMER</div> <div>WHEELCHAIR USER</div>				
	<div>PROJECT</div> <div>WHEELCHAIR LIFT</div>				
<div>THIRD ANGLE PROJECTION</div> <div></div>	<div>DRAWN BY</div> <div>K. LEE</div>	<div>DATE</div> <div>2019. 06. 08</div>	<div>SIZE</div> <div>B</div>	<div>DRAWING NO</div> <div>D406-02</div>	<div>REVISION</div> <div>-</div>
	<div>CHECKED BY</div> <div>K. LEE</div>	<div>DATE</div> <div>2019. 06. 08</div>	<div>SCALE</div> <div>1:2</div>	<div>WEIGHT</div> <div>lbs</div>	<div>1 OF 1</div>



- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
<div>THIRD ANGLE PROJECTION</div> <div></div>		CUSTOMER WHEELCHAIR USER		TITLE <div>PIVOT ARM SLOT</div>		
		PROJECT WHEELCHAIR LIFT				
		DRAWN BY K. LEE				DATE 2019. 06. 08
		CHECKED BY K. LEE				DATE 2019. 06. 08
APPROVED K. LEE		DATE 2019. 06. 08	SIZE <div>B</div>	DRAWING NO <div>D407</div>	REVISION <div>-</div>	
SCALE 1:1			WEIGHT lbs	1 OF 1		

4

3

2

1

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C

B

B

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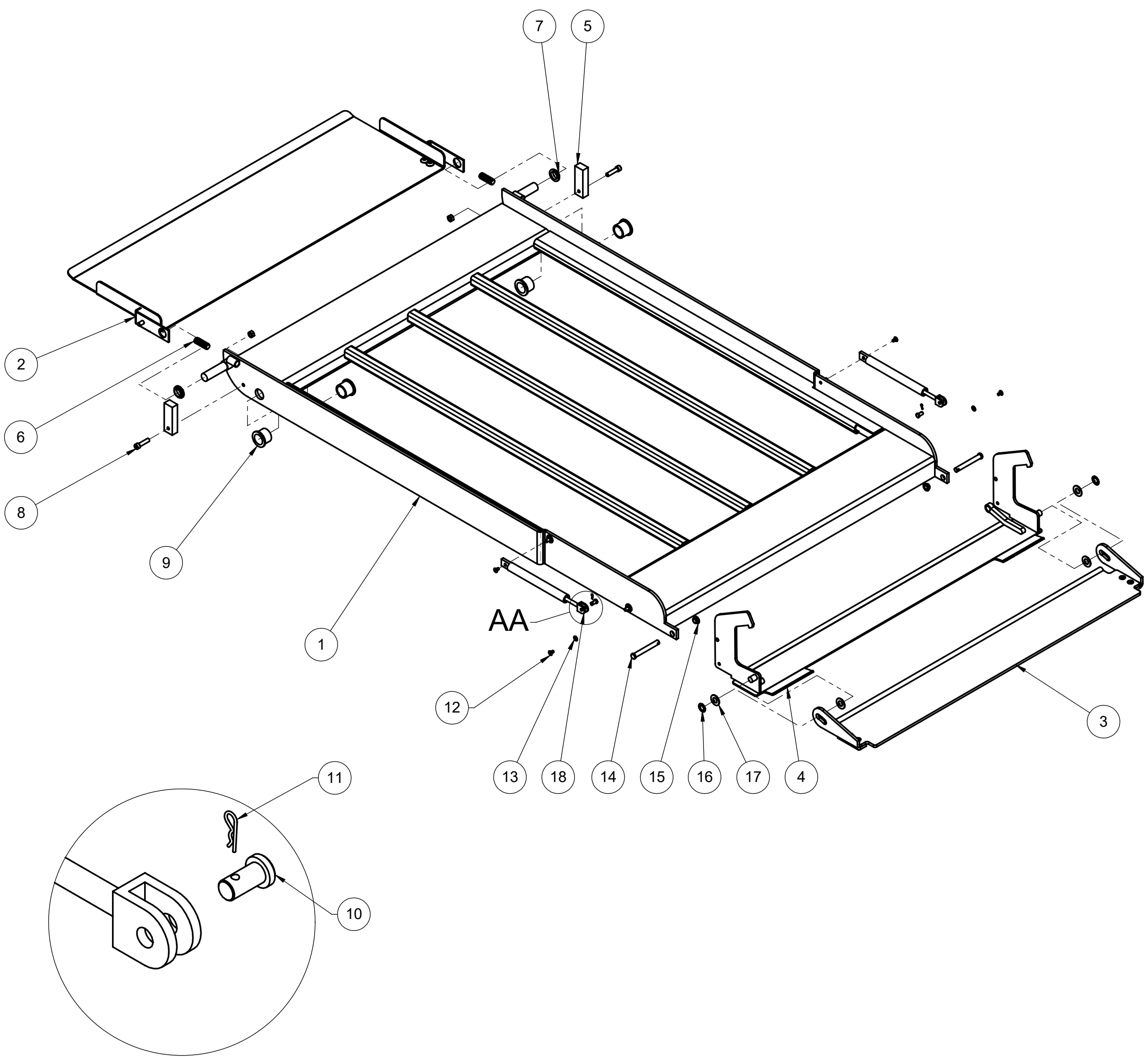
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3

2

1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	SSA501	PLATFORM BODY SUB ASSEMBLY	1
2	SSA502	BRIDGE PLATE SUB ASSEMBLY	1
3	SSA503	ROLL STOP ALUM SUB ASSEMBLY	1
4	SSA504	ROLL STOP ACTIVATION FOOT SUB ASSEMBLY	1
5	D505	STOP BLOCK	2
6	90322A161	HIGH-STRENGTH STEEL THREADED ROD, 1/2"-20 THREAD SIZE, 1-1/2" LONG	2
7	3113K65	OIL-EMBEDDED SLEEVE BEARING WITH CERTIFICATION, FLANGED FOR 3/4" SHAFT DIAMETER AND 7/8" HOUSING ID, 1/2" LONG	2
8	90128A586	ZINC-PLATED ALLOY STEEL SOCKET HEAD SCREW, 5/16"-18 THREAD SIZE, 1-1/4" LONG	2
9	6338K437	OIL-EMBEDDED FLANGED SLEEVE BEARING FOR 1" SHAFT, 1-1/4" HOUSING ID, 1" LONG, 1/8" FLANGE THICKNESS	4
10	98306A155	1004-1045 CARBON STEEL CLEVIS PIN, 1/4" DIAMETER, 5/16" USABLE LENGTH	2
11	92375A002	316 STAINLESS STEEL HAIRPIN COTTER PIN FOR 7/64" TO 9/64" CLEVIS PIN DIAMETER, 0.031" WIRE DIAMETER	2
12	91263A542	ZINC-PLATED ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 10-32 THREAD SIZE, 3/8" LONG	4
13	90107A011	316 STAINLESS STEEL WASHER FOR NUMBER 10 SCREW SIZE, 0.203" ID, 0.438" OD	2
14	98306A285	1004-1045 CARBON STEEL CLEVIS PIN, 3/8" DIAMETER, 2-3/4" USABLE LENGTH	2
15	7815K18	MULTIPURPOSE FLANGED SLEEVE BEARING FOR 3/8" SHAFT DIAMETER AND 1/2" HOUSING ID, 1/4" LONG	2
16	98430A138	PUSH-ON EXTERNAL RETAINING RINGS FOR 1/2" OD, BLACK-PHOSPHATE 1060-1090 SPRING STEEL	2
17	2796T13	ULTRA-LOW-FRICTION DRY-RUNNING THRUST BEARING FOR 1/2" SHAFT DIAMETER, PTFE	4
18	GAS SPRING ASSEMBLY (TYPE2)	GAS SPRING, 7.01" EXTENDED LENGTH	2
19	94191A200		2

DETAIL AA
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03
1 PL DEC ± 0.02
2 PL DEC ± 0.01
3 PL DEC ± 0.005
ANGLES ± 1°
SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

DRAWN BY: K. LEE DATE: 2019. 06. 08
CHECKED BY: K. LEE DATE: 2019. 06. 08
APPROVED: K. LEE DATE: 2019. 06. 08

CONESTOGA
Connect Life and Learning

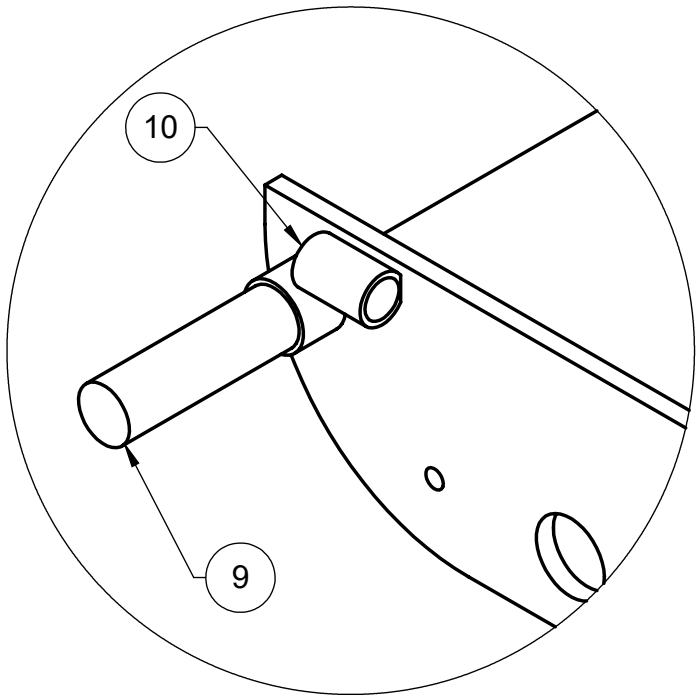
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

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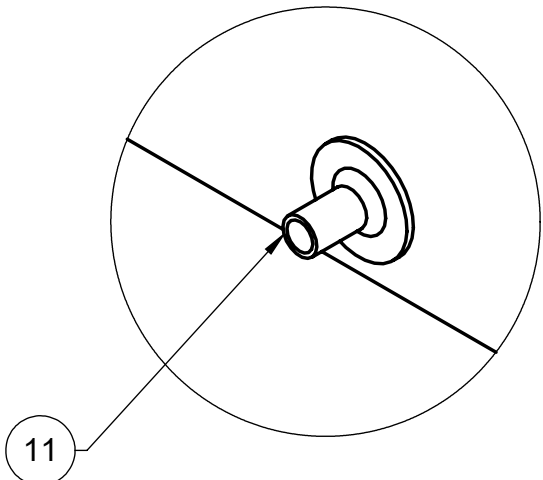
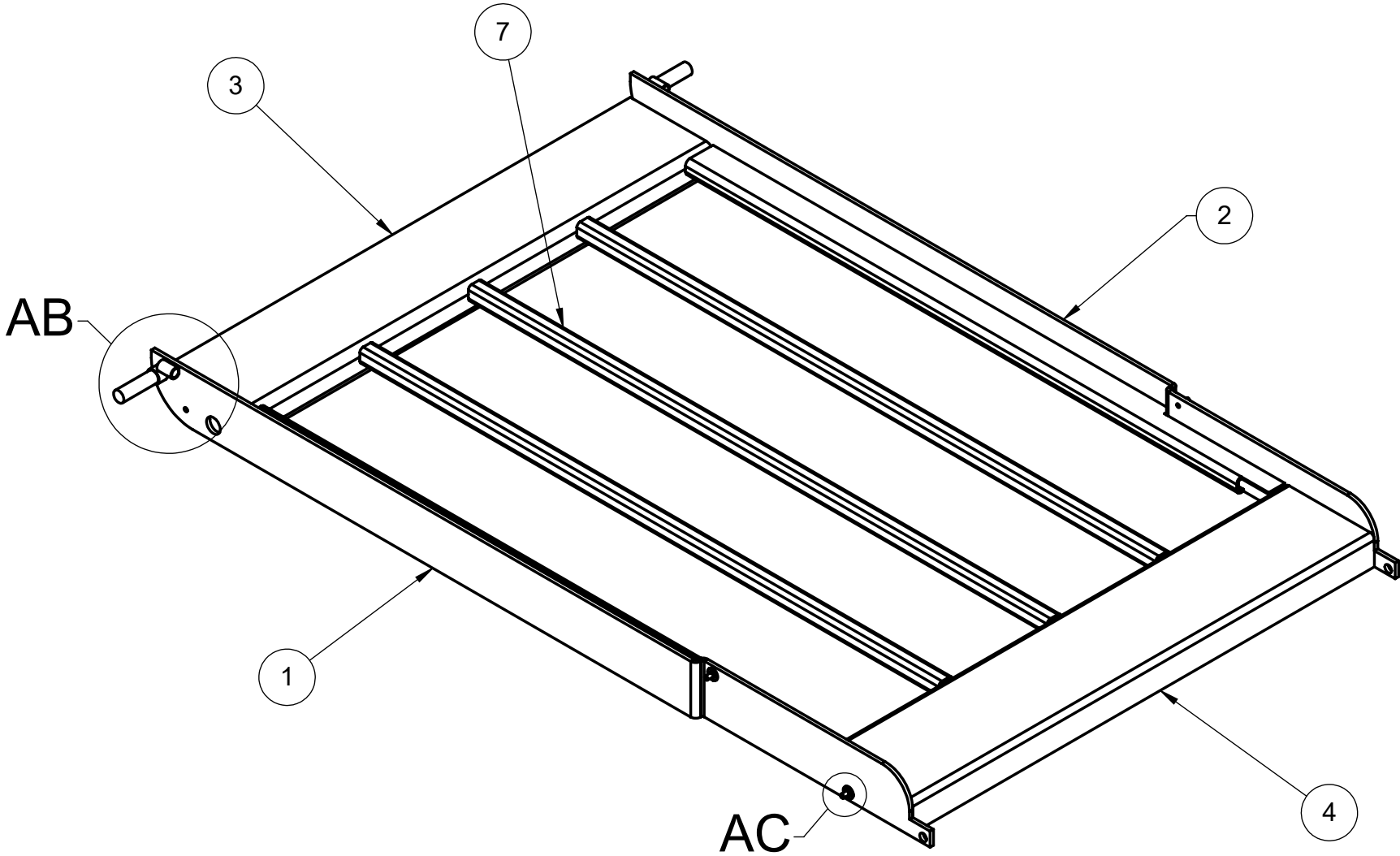
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SCALE: 1:8 WEIGHT: g 1 OF 1

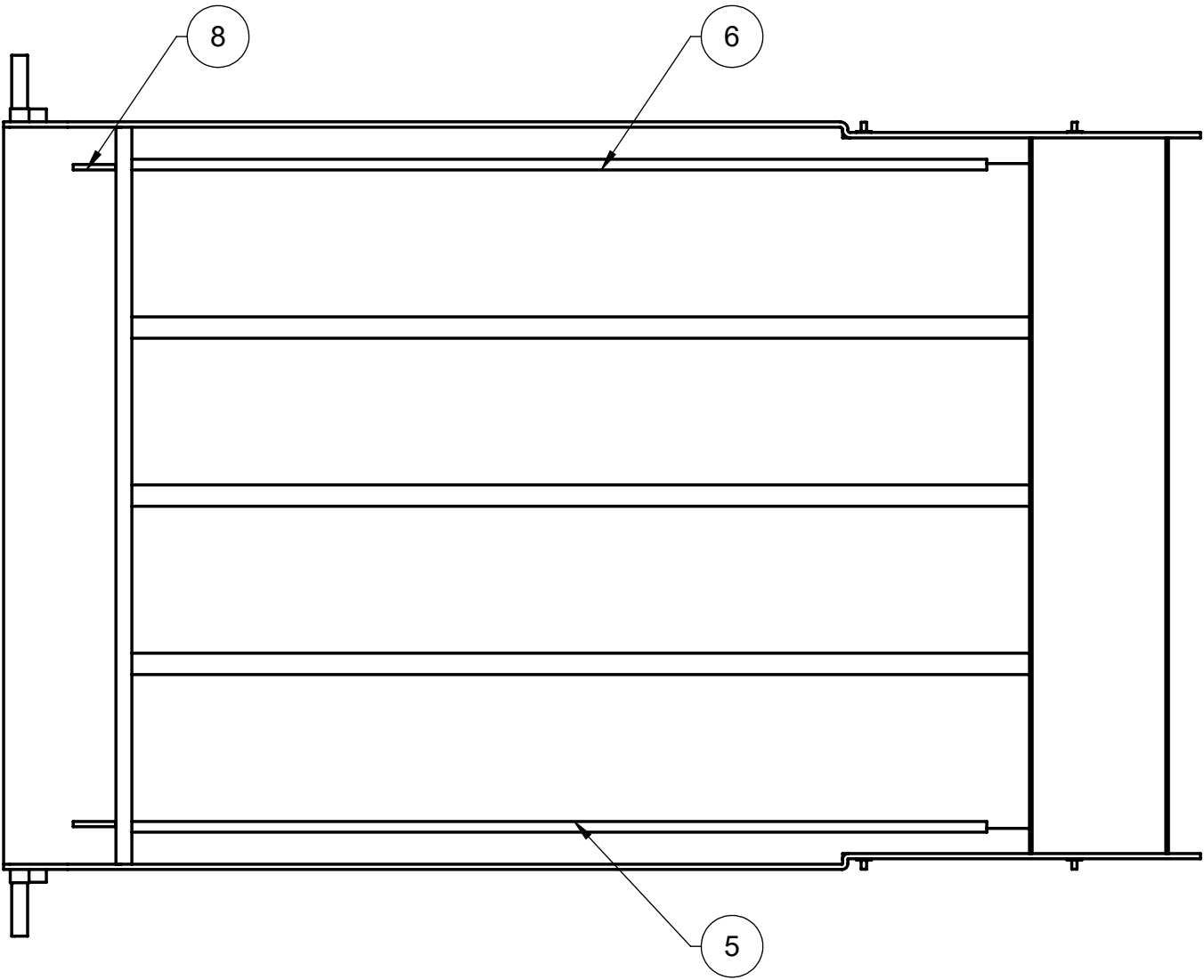
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D501-01	SIDE WALL TYPE 1	1
2	D501-02	SIDE WALL TYPE 2	1
3	D501-03	BOTTOM PLATE TYPE 1	1
4	D501-04	BOTTOM PLATE TYPE 2	1
5	D501-05	MACHINED PROFILE TYPE 1	1
6	D501-06	MACHINED PROFILE TYPE 2	1
7	D501-07	PROFILE TUBE	3
8	D501-08	SUPPORT PLATE	2
9	D501-09	STEPPED PIN	2
10	D501-10	STOPPER SUPPORT	2
11	90596A115	STEEL ROUND-BASE WELD NUT, ZINC-PLATED, 10-32 THREAD SIZE, 7/16" BARREL HEIGHT	4



DETAIL AB
SCALE 1:2



DETAIL AC
SCALE 1 : 1



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03

1 PL DEC ± 0.02

2 PL DEC ± 0.01

3 PL DEC ± 0.005

ANGLES ± 1°

SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY.

PROPRIETARY

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CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

DRAWN BY: K. LEE DATE: 2019. 06. 08

CHECKED BY: K. LEE DATE: 2019. 06. 08

APPROVED: K. LEE DATE: 2019. 06. 08

C CONESTOGA
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299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE: **PLATFORM BODY SUB ASSEMBLY**

SIZE: **C** DRAWING NO: **SSA501** REVISION: **-**

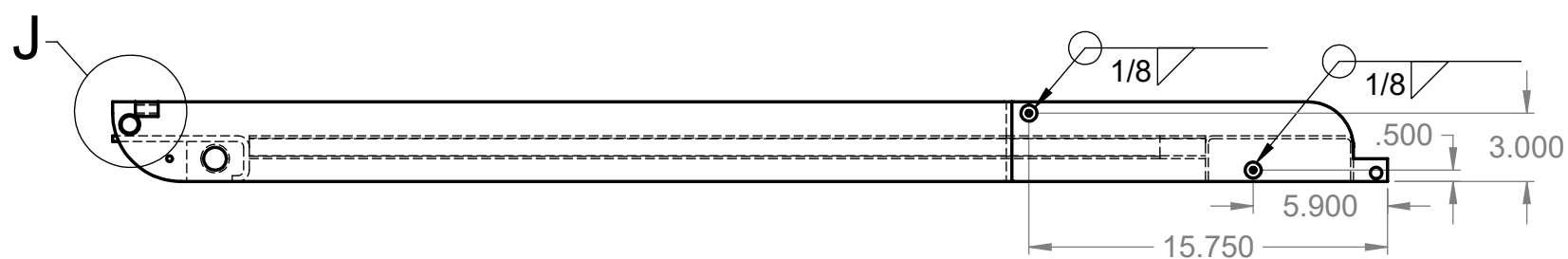
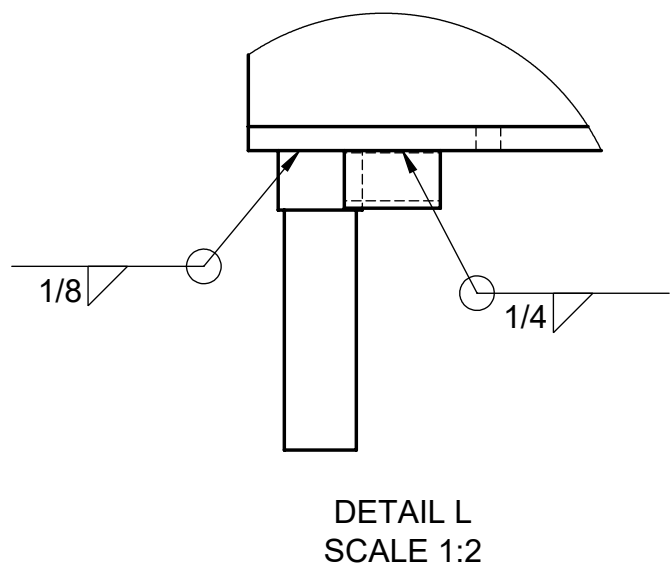
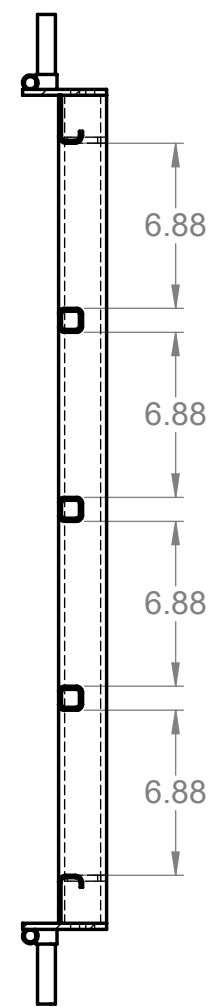
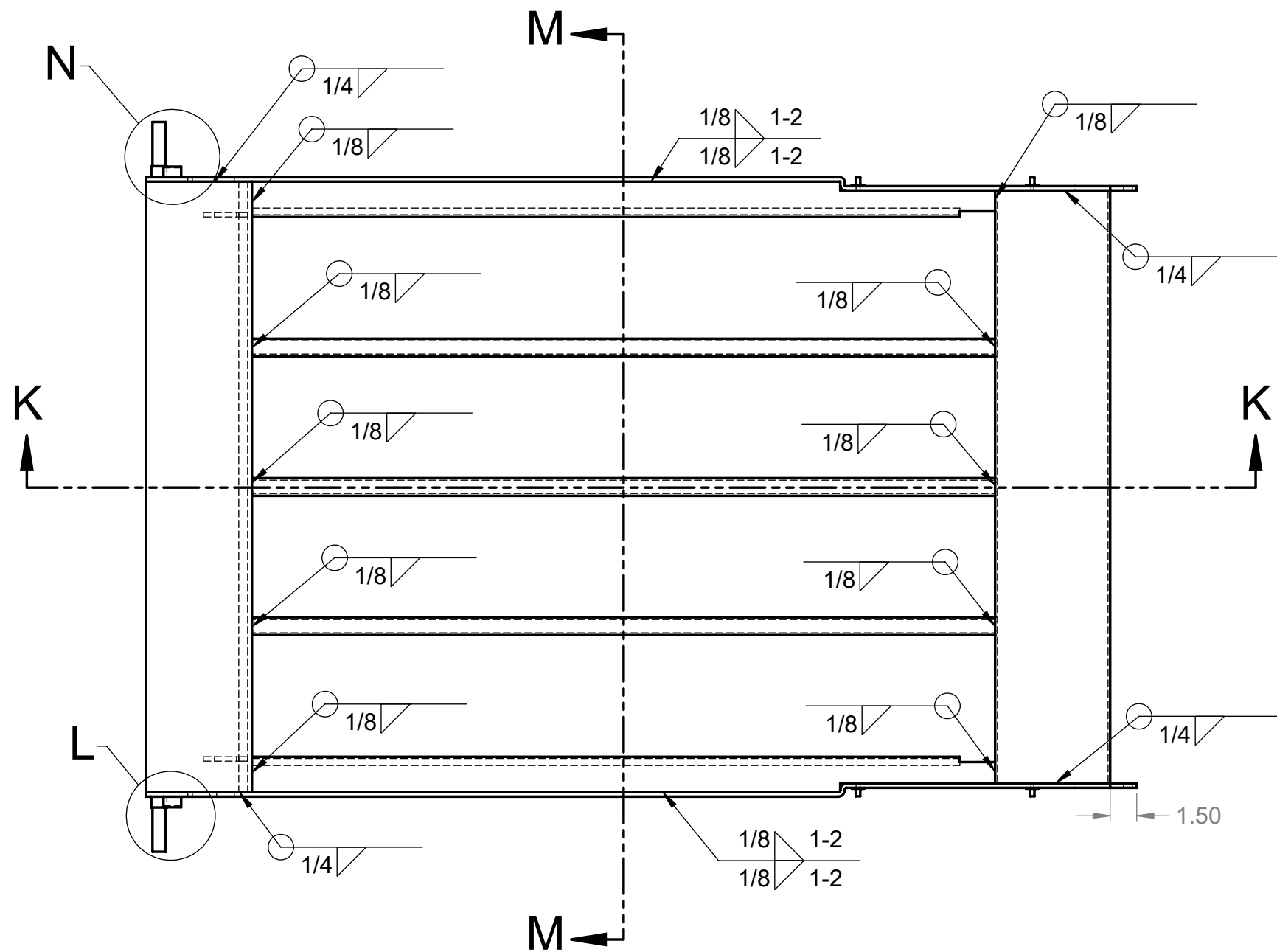
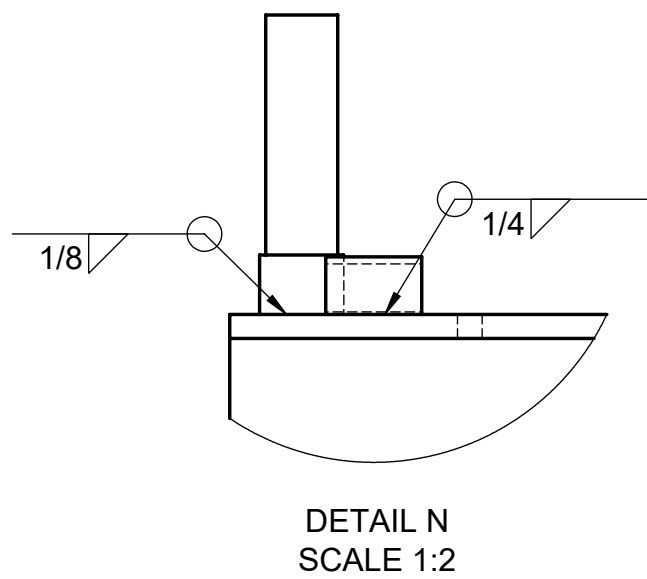
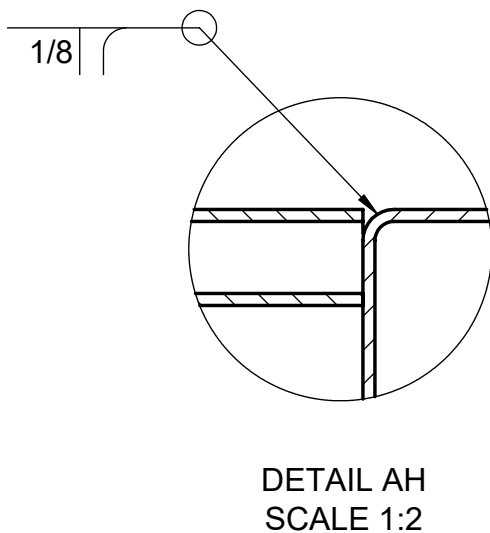
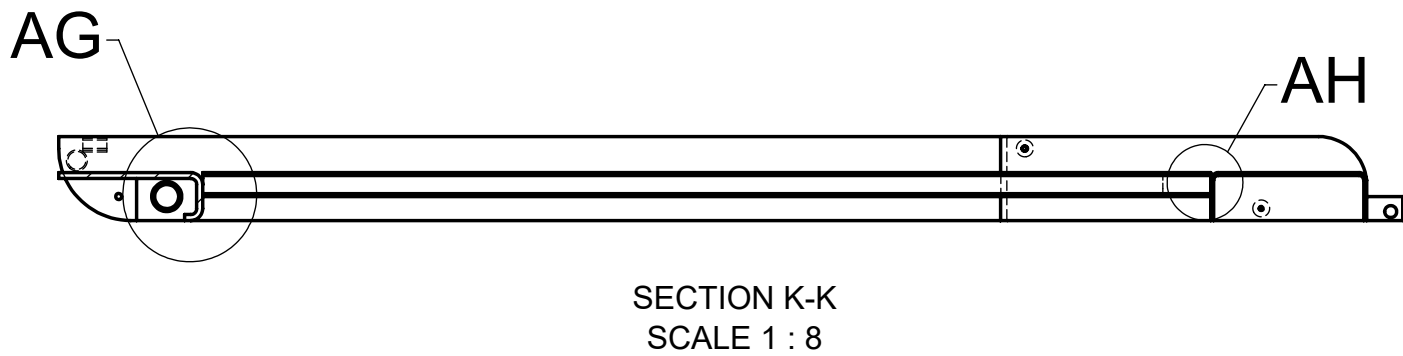
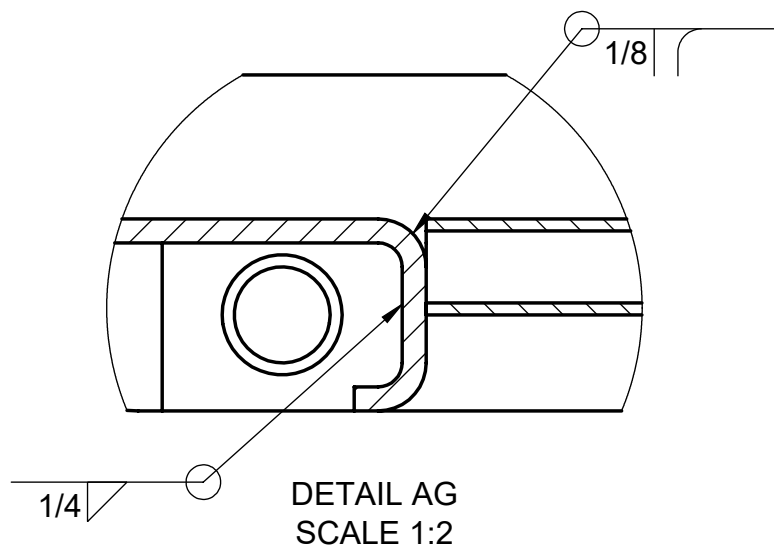
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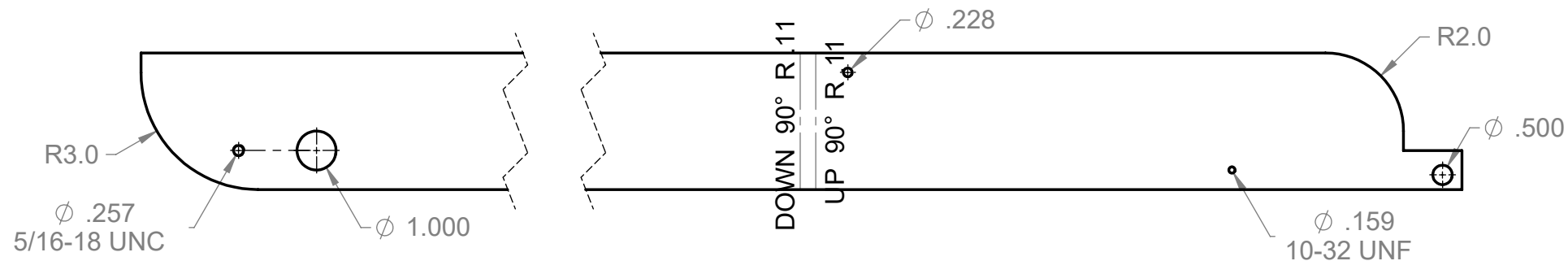
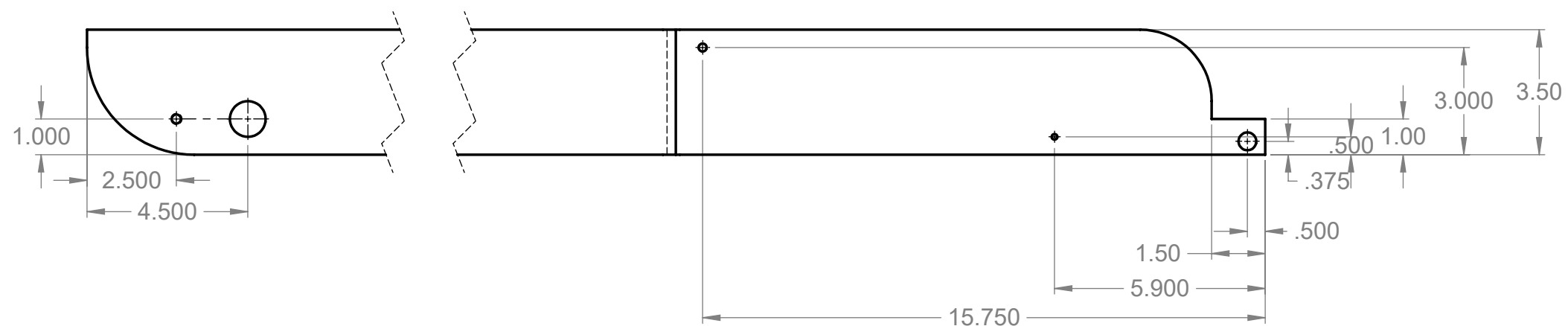
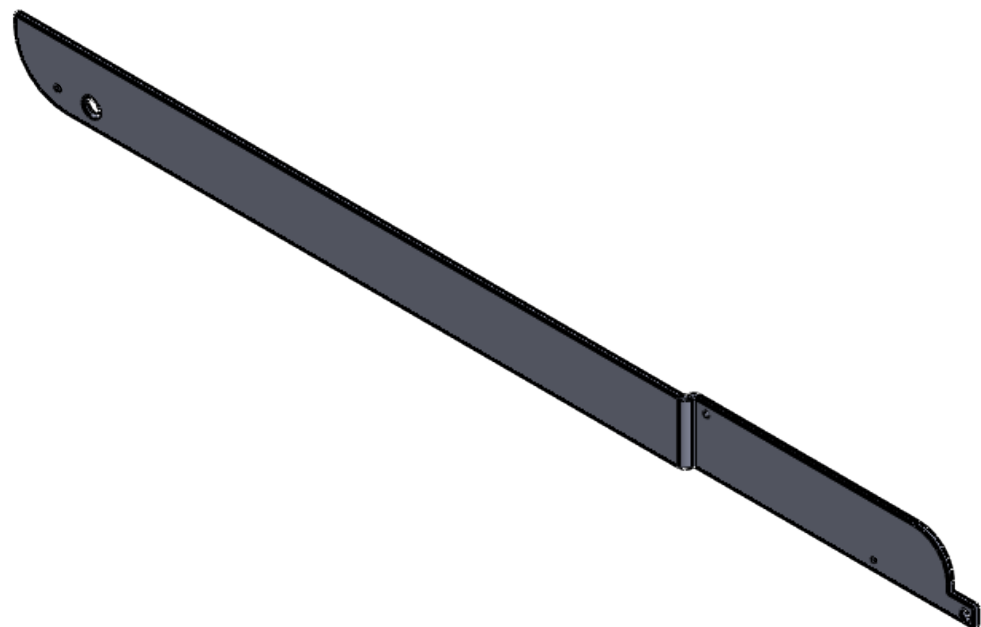
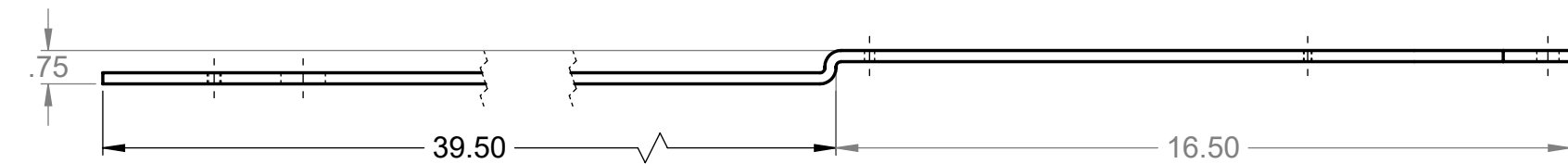
UNLESS OTHERWISE SPECIFIED		SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY.	
DO NOT SCALE DRAWING		NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.	
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994		CUSTOMER: WHEELCHAIR USER	
DIMENSIONS ARE IN INCHES		PROJECT: WHEELCHAIR LIFT	
TOLERANCES APPLY AS SHOWN BELOW		DRAWN BY: K. LEE	
0 PL DEC ± 0.03		CHECKED BY: K. LEE	
1 PL DEC ± 0.02		DATE: 2019.06.08	
2 PL DEC ± 0.01		DATE: 2019.06.08	
3 PL DEC ± 0.005		DATE: 2019.06.08	
ANGLES ± 1°		APPROVED: K. LEE	
SURFACE ROUGHNESS 125 µ in		DATE: 2019.06.08	
THIRD ANGLE PROJECTION		SIZE: C	
		DRAWING NO: WA501	
		SCALE: 1:8	
		WEIGHT: g	
		1 OF 1	

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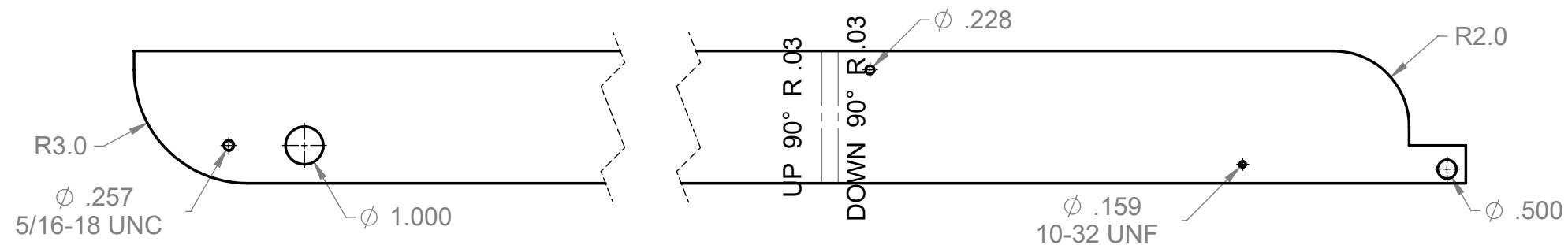
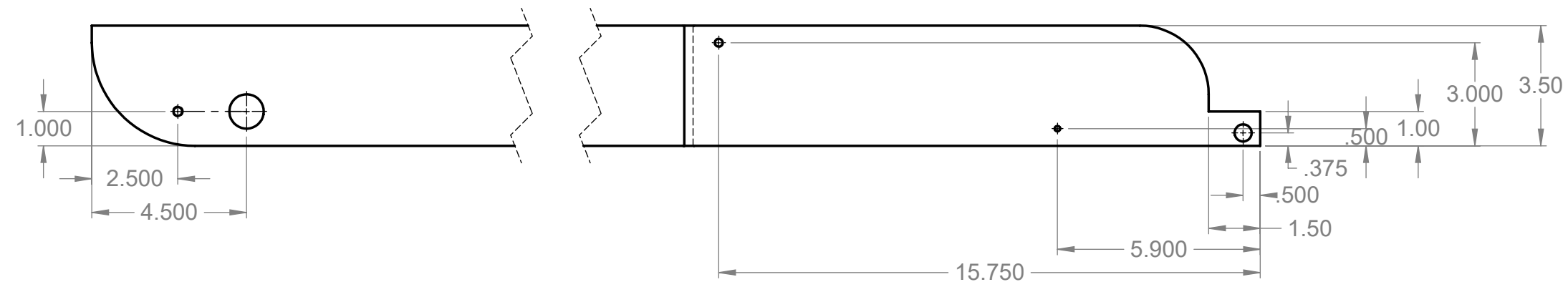
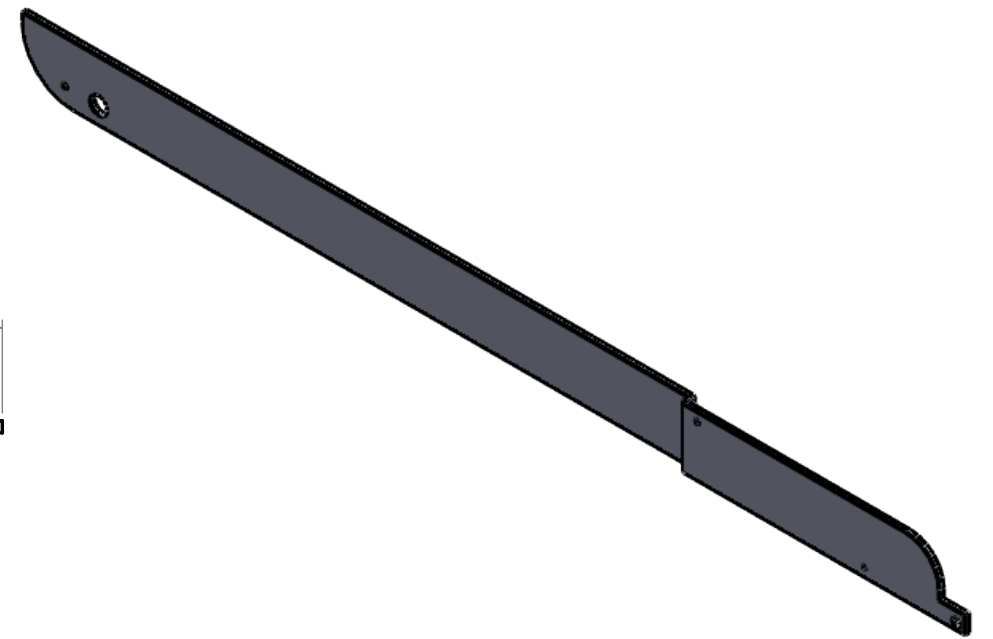
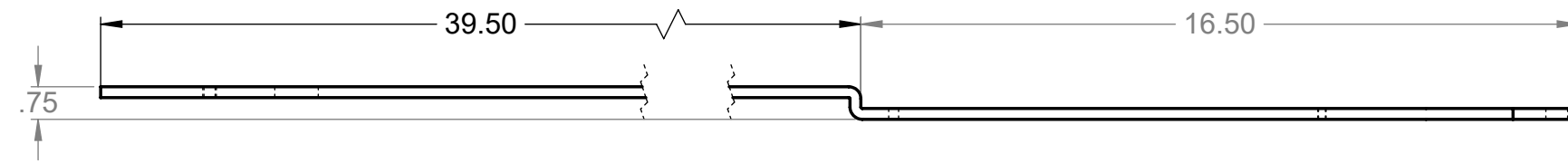
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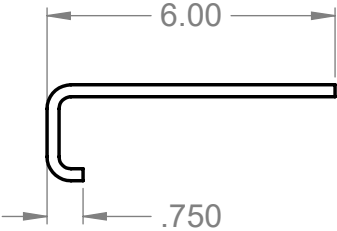
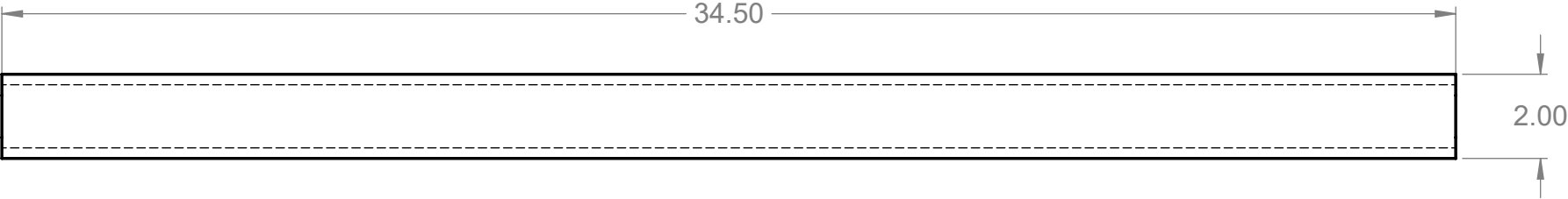
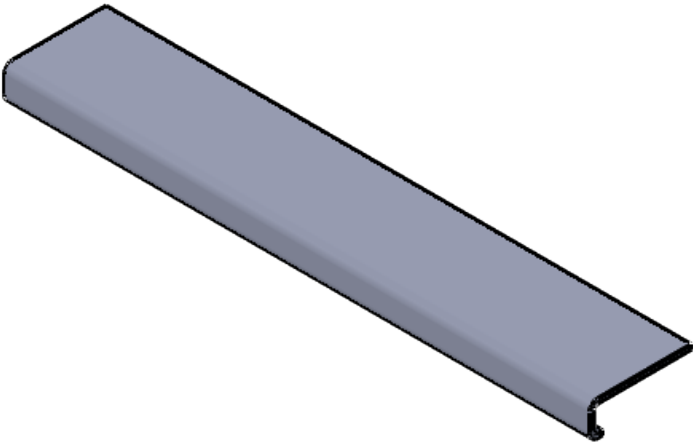
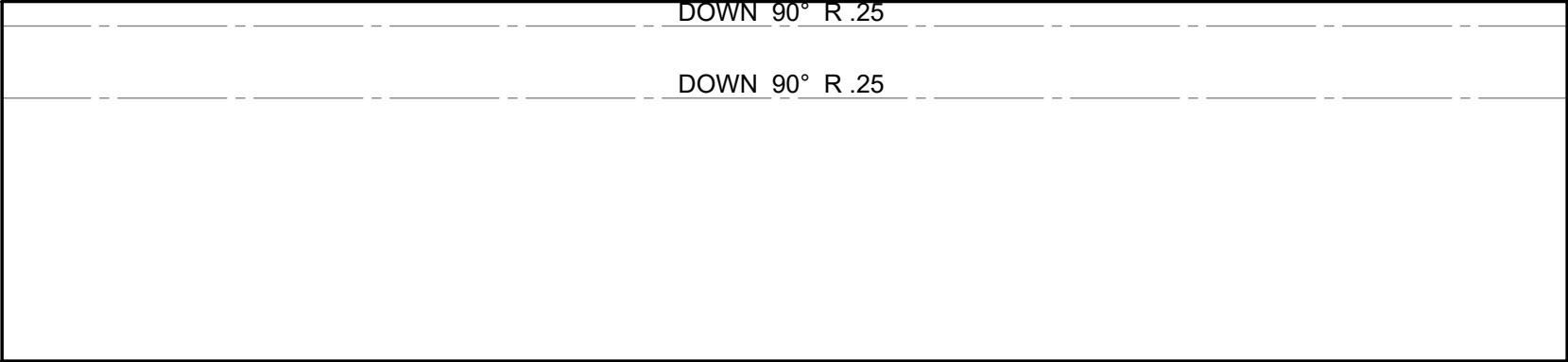
- NOTE:
- THICKNESS IS .25 INCHES
 - MATERIAL: 1040 ANNEALED

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		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
THIRD ANGLE PROJECTION <div></div>		CUSTOMER WHEELCHAIR USER		TITLE <div>SIDE WALL TYPE 1</div>		
		PROJECT WHEELCHAIR LIFT				
		DRAWN BY K. LEE				DATE 2019. 06. 08
		CHECKED BY K. LEE				DATE 2019. 06. 08
APPROVED K. LEE		DATE 2019. 06. 08		SIZE <div>B</div>	DRAWING NO <div>D501-01</div>	REVISION <div>-</div>
				SCALE 1:4	WEIGHT lbs	1 OF 1




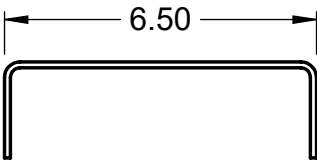
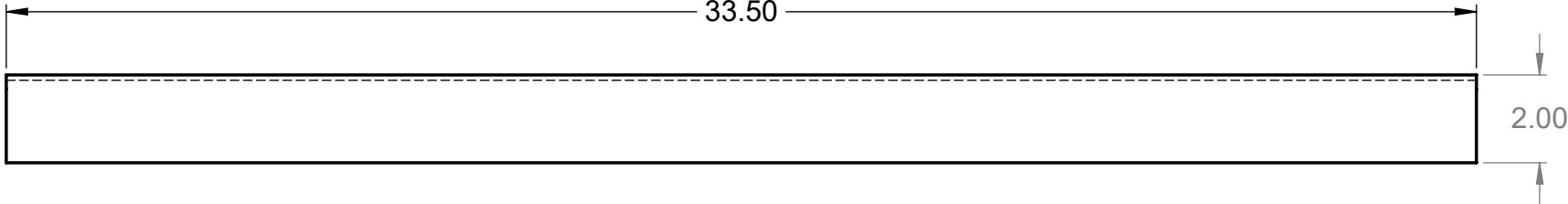
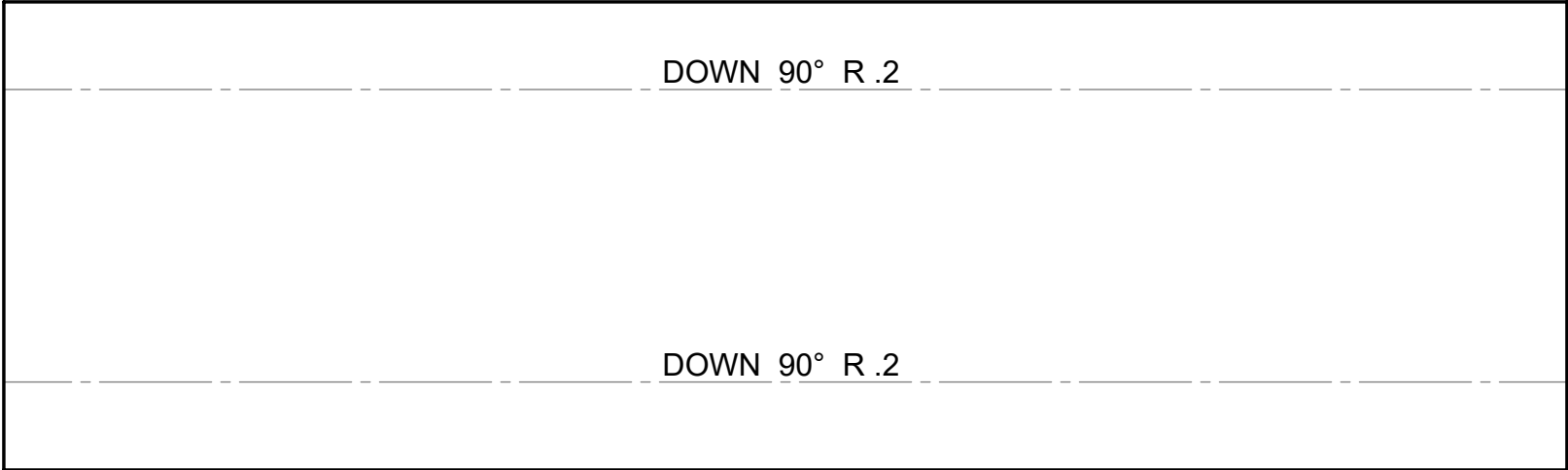
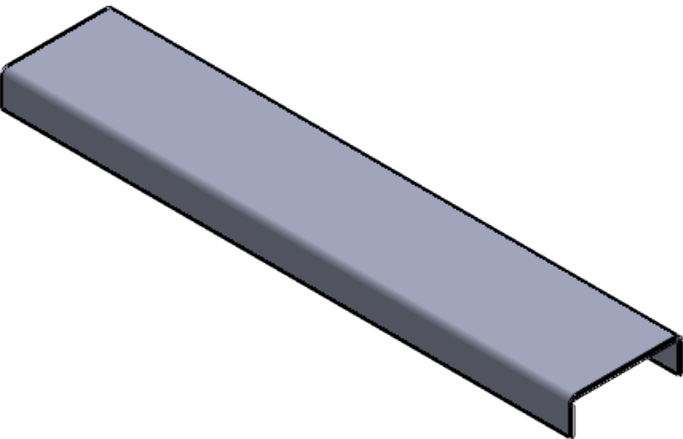
- NOTE:
1. THICKNESS IS .25 INCHES
 2. MATERIAL: 1040 ANNEALED

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<div>THIRD ANGLE PROJECTION</div> <div></div>		CUSTOMER WHEELCHAIR USER		TITLE				
		PROJECT WHEELCHAIR LIFT		<div>SIDE WALL TYPE 2</div>				
		DRAWN BY K. LEE				SIZE	DRAWING NO	REVISION
		CHECKED BY K. LEE				B	D501-02	-
APPROVED K. LEE		SCALE	1:4	WEIGHT	lbs			





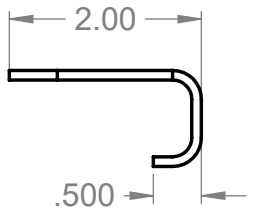
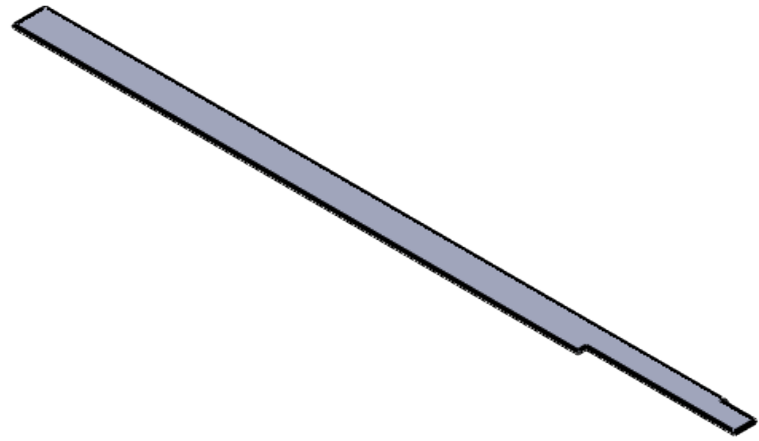
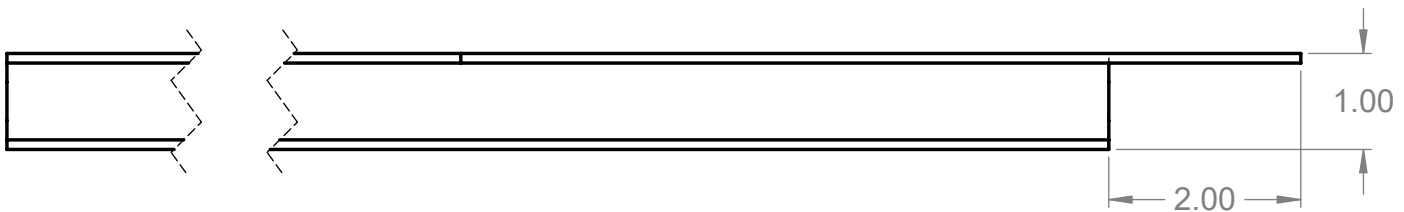
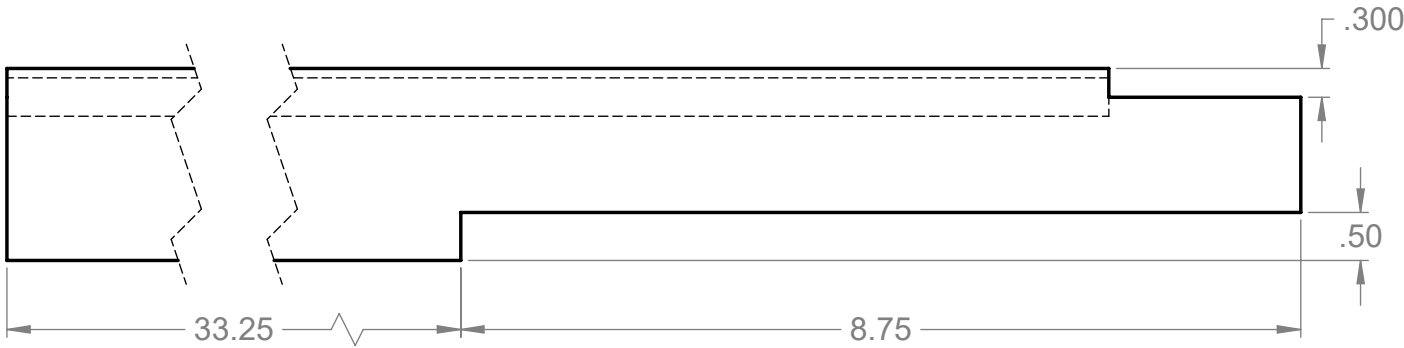
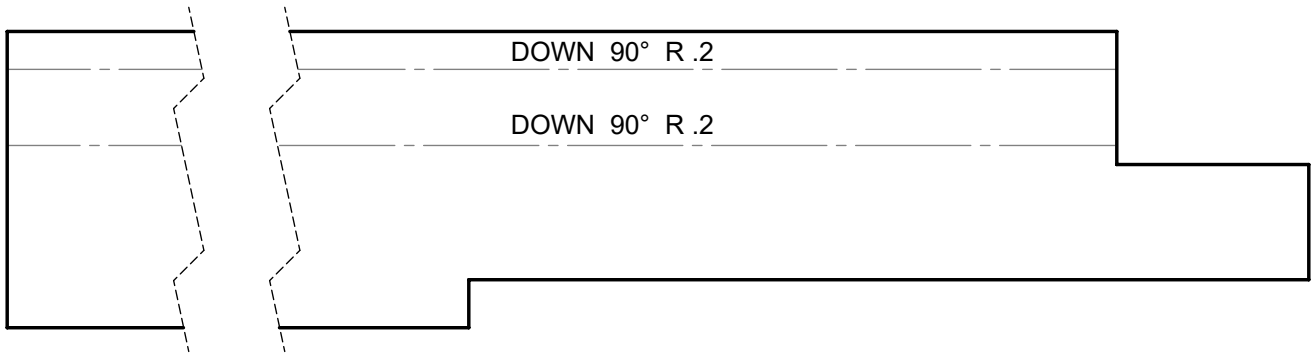
- NOTE:
- 1. THICKNESS IS .25 INCHES
 - 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 μ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
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<div>THIRD ANGLE PROJECTION</div> <div></div>		CUSTOMER WHEELCHAIR USER		<div>TITLE</div> <div>BOTTOM PLATE TYPE 1</div>		
		PROJECT WHEELCHAIR LIFT				
		DRAWN BY K. LEE				DATE 2019. 06. 08
		CHECKED BY K. LEE				DATE 2019. 06. 08
APPROVED K. LEE		DATE 2019. 06. 08	SIZE B		DRAWING NO D501-03	REVISION -
			SCALE 1:4	WEIGHT lbs	1 OF 1	





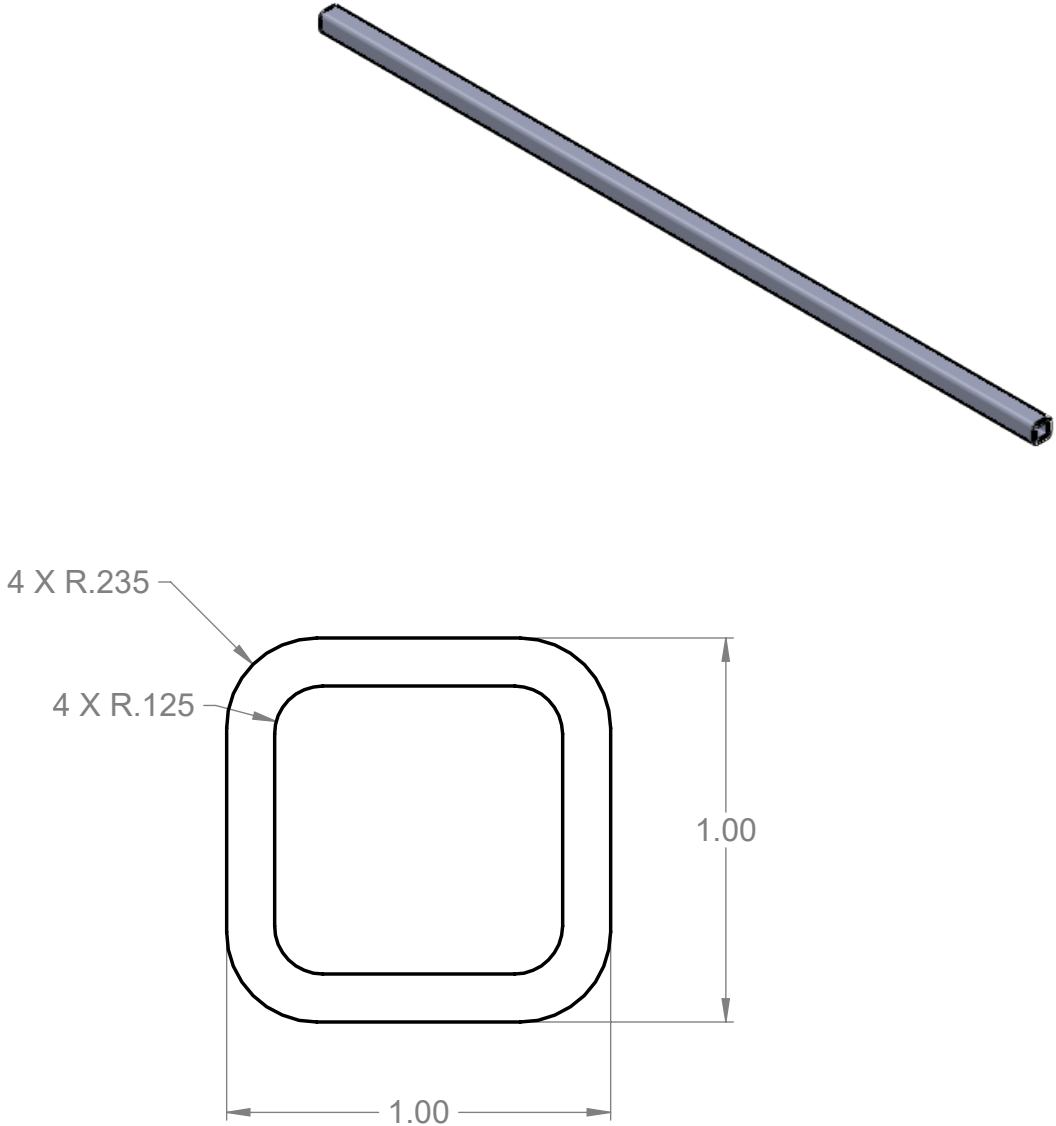
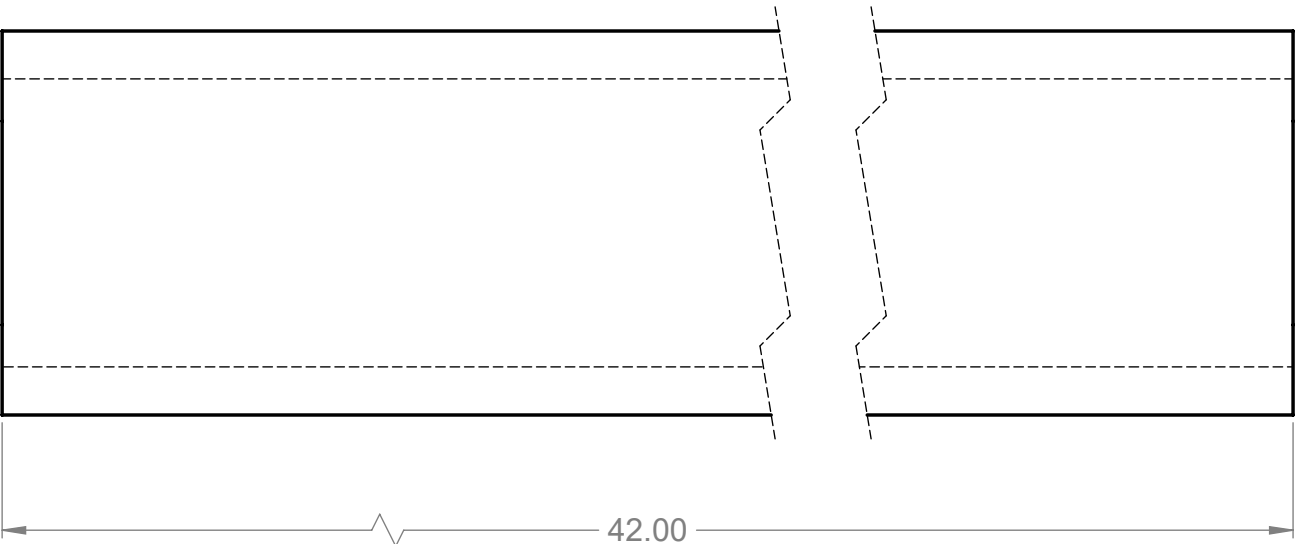
NOTE:
1. THICKNESS IS .125 INCHES
2. MATERIAL: 1040 ANNEALED

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 μ in</div>		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
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		CUSTOMER WHEELCHAIR USER		TITLE <div>BOTTOM PLATE TYPE 2</div>		
		PROJECT WHEELCHAIR LIFT				
<div>THIRD ANGLE PROJECTION</div> <div></div>		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D501-04	REVISION -
		CHECKED BY K. LEE	DATE 2019. 06. 08	SCALE 1:4		
		APPROVED K. LEE	DATE 2019. 06. 08			





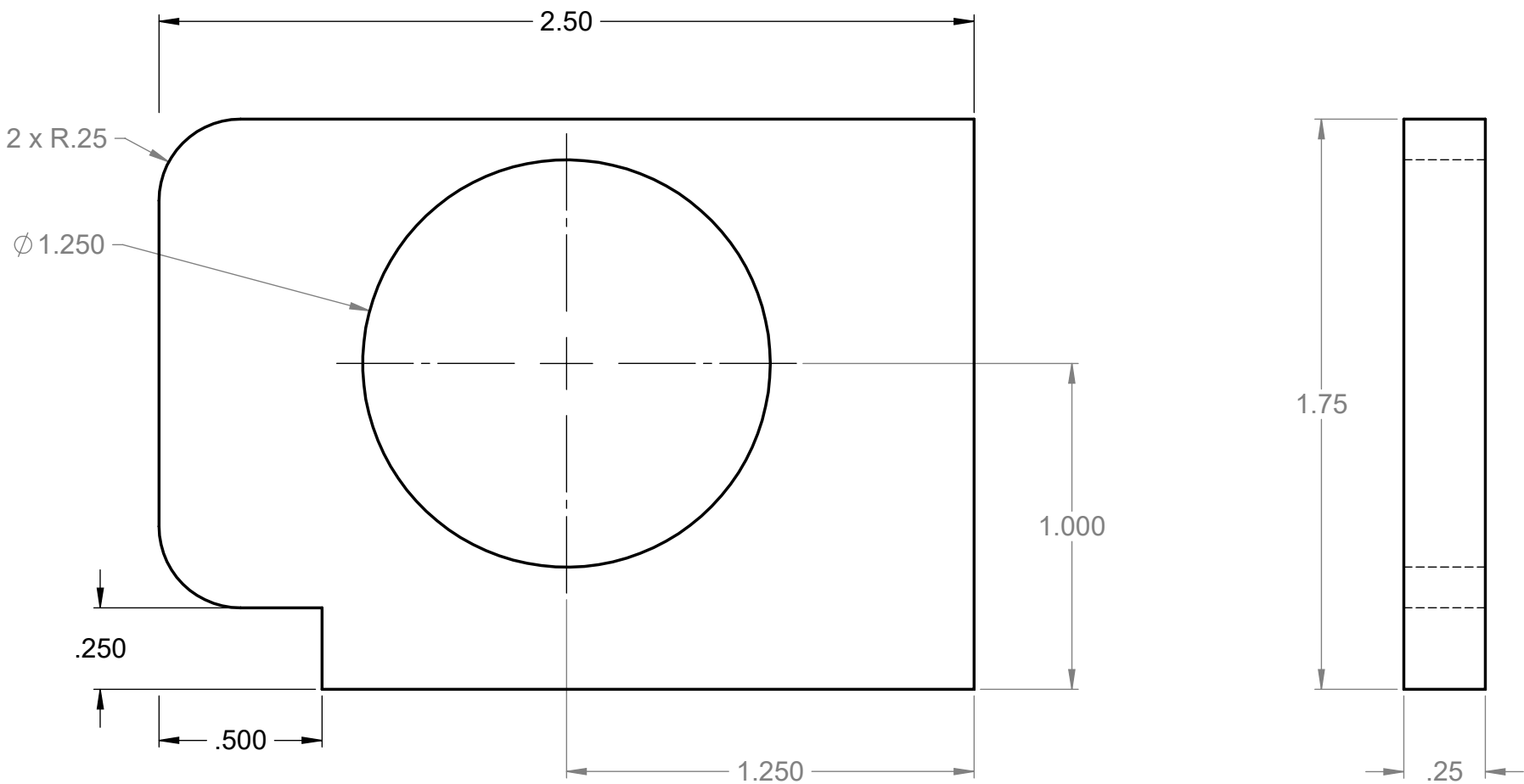
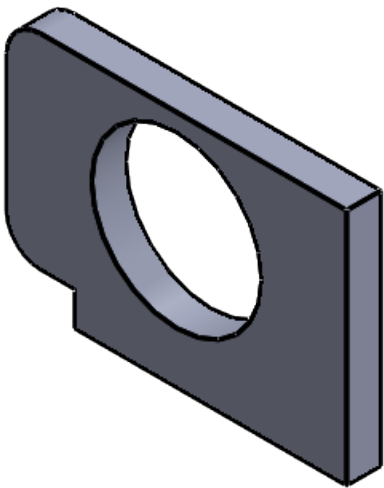
NOTE:
1. THICKNESS IS .125 INCHES
2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		DRAWN BY: K. LEE CHECKED BY: K. LEE APPROVED: K. LEE		DATE: 2019. 06. 08 DATE: 2019. 06. 08 DATE: 2019. 06. 08	
TITLE: MACHINED PROFILE TYPE 2		SIZE: B		DRAWING NO: D501-06	
SCALE: 1:2		WEIGHT: lbs		1 OF 1	





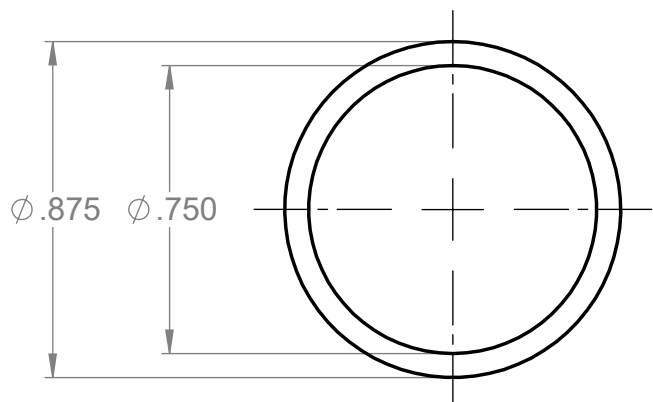
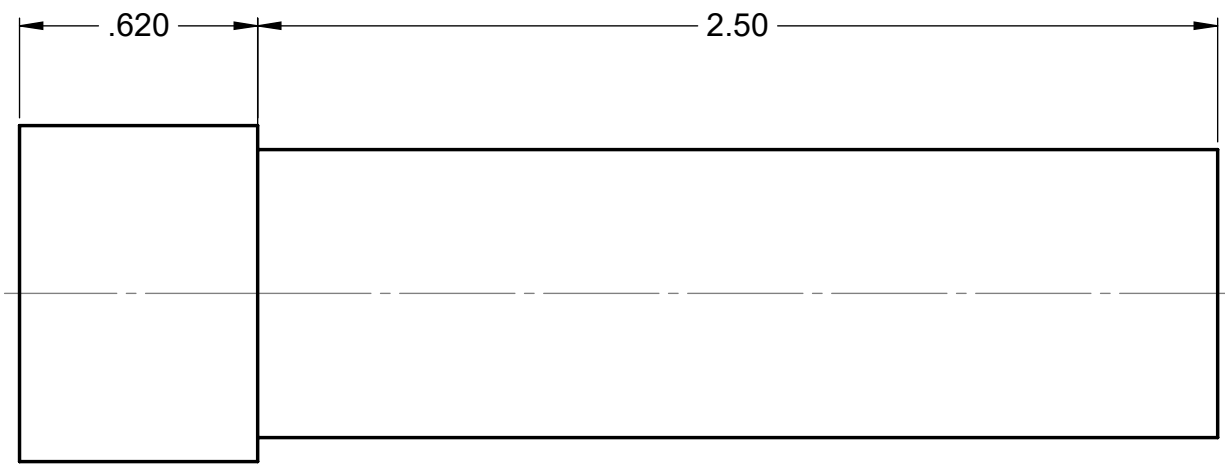
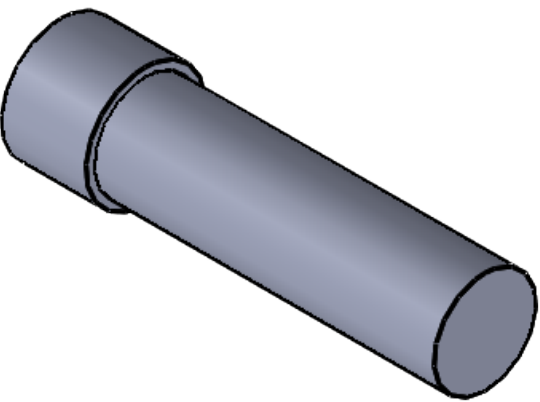
- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		TITLE PROFILE TUBE		REVISION -	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE B DRAWING NO D501-07	
SCALE 2:1		WEIGHT lbs		1 OF 1	



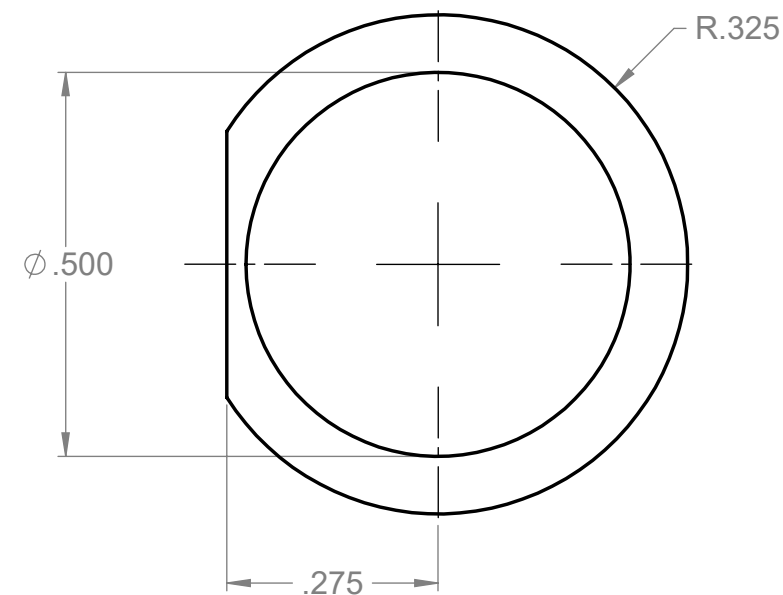
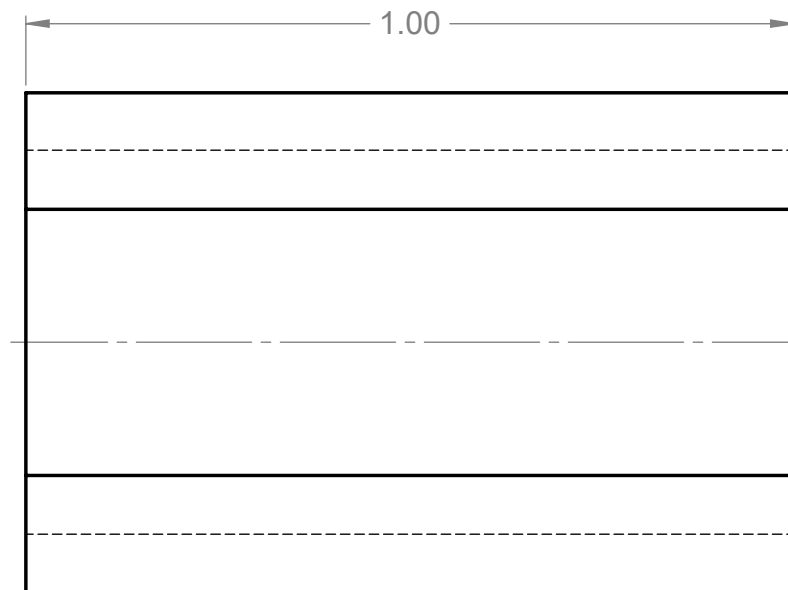
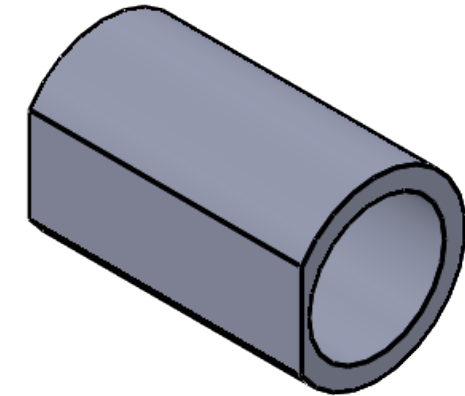
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UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in			SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY			 CONESTOGA Connect Life and Learning299 Doon Valley Drive, Kitchener, ON, N2G 4M4		
THIRD ANGLE PROJECTION 			PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College			SUPPORT PLATE		
DRAWN BY K. LEE			DATE 2019. 06. 08			TITLE		
CHECKED BY K. LEE			DATE 2019. 06. 08			D501-08		
APPROVED K. LEE			DATE 2019. 06. 08			SIZE B	DRAWING NO	REVISION -
						SCALE 2:1	WEIGHT lbs	1 OF 1



NOTE:
1. MATERIAL: 1040 ANNEALED

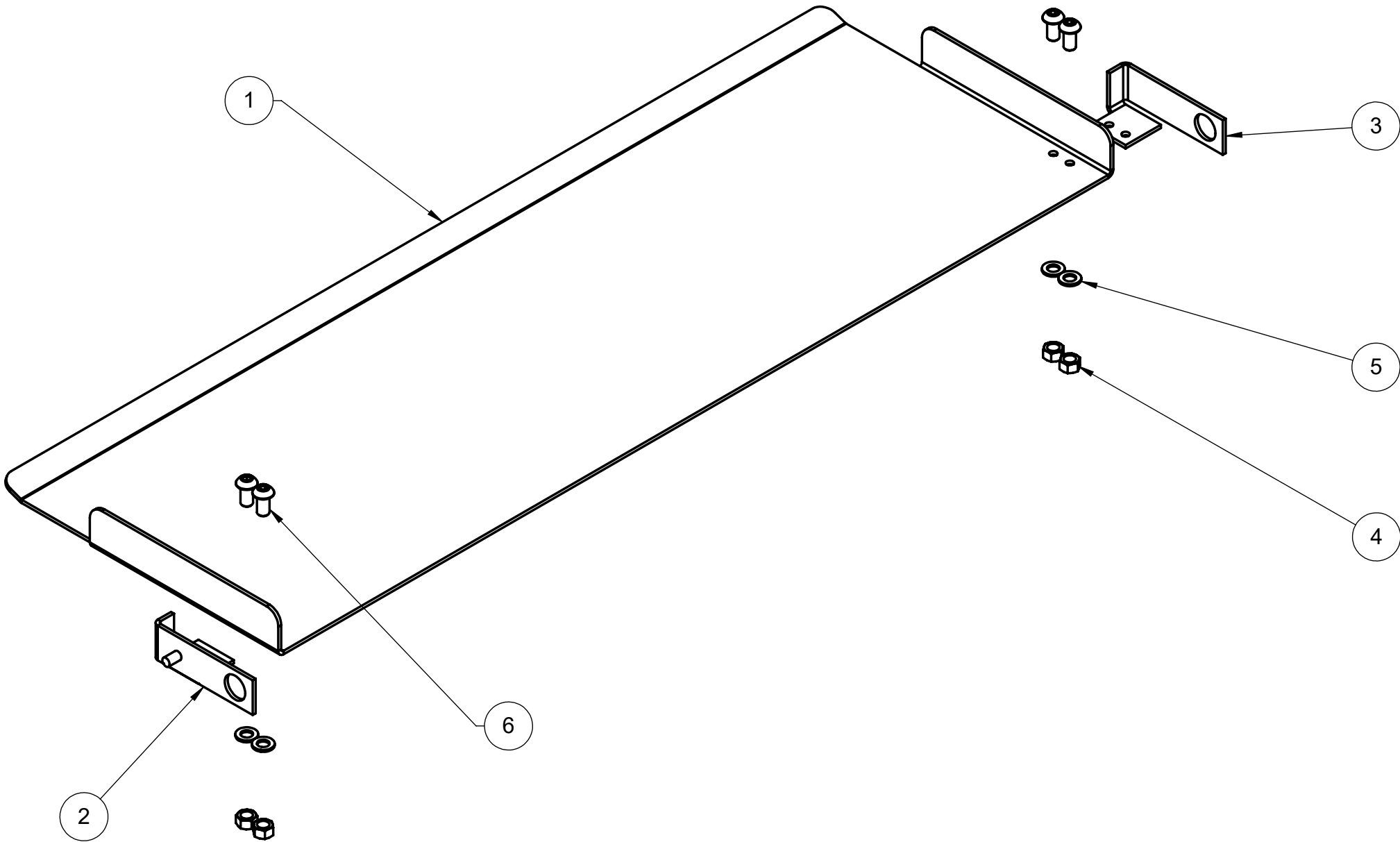
UNLESS OTHERWISE SPECIFIED			SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		
DO NOT SCALE DRAWING			PROPRIETARY		
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994			NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		
DIMENSIONS ARE IN INCHES			CUSTOMER WHEELCHAIR USER		
TOLERANCES APPLY AS SHOWN BELOW			PROJECT WHEELCHAIR LIFT		
0 PL DEC ± 0.2			DRAWN BY K. LEE		
1 PL DEC ± 0.1			DATE 2019. 06. 08		
2 PL DEC ± 0.01			CHECKED BY K. LEE		
3 PL DEC ± 0.005			DATE 2019. 06. 08		
ANGLES ± .1°			APPROVED K. LEE		
SURFACE ROUGHNESS 125 µ in			DATE 2019. 06. 08		
THIRD ANGLE PROJECTION			SIZE B		
			DRAWING NO D501-09		
			REVISION -		
			TITLE STEPPED PIN		
			SCALE 2:1		
			WEIGHT lbs		
			1 OF 1		



NOTE:
1. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4		
				TITLE STOPPER SUPPORT		
				SIZE B	DRAWING NO D501-10	REVISION -
				SCALE 4:1	WEIGHT lbs	1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D502-01	BRIDGE PLATE	1
2	D502-02	BRIDGE PLATE BRACKET TYPE 1	1
3	D502-03	BRIDGE PLATE BRACKET TYPE 2	1
4	94575A350	MIL. SPEC. CADMIUM CHROMATE PLATED STEEL HEX NUT, GRADE 5, 3/8"-16 THREAD SIZE, MS-51967-8	4
5	91922A306	STEEL MIL. SPEC. WASHER, CADMIUM-PLATED, 3/8" SCREW SIZE, MS-20002-6	4
6	91255A622	BUTTON HEAD HEX DRIVE SCREW, BLACK-OXIDE ALLOY STEEL, 3/8"-16 THREAD, 3/4" LONG	4



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03
1 PL DEC ± 0.02
2 PL DEC ± 0.01
3 PL DEC ± 0.005

ANGLES ± 1°
SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY.

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.

CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

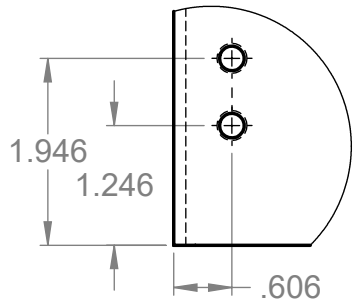
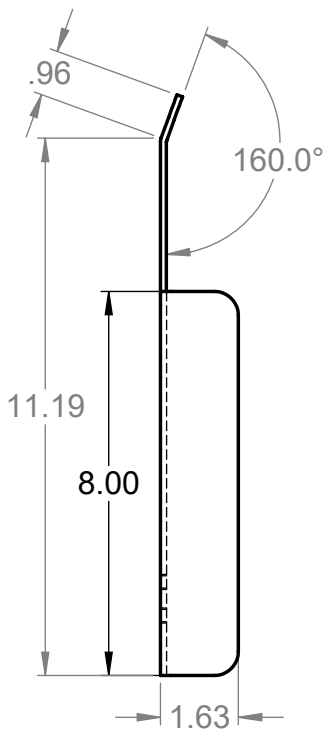
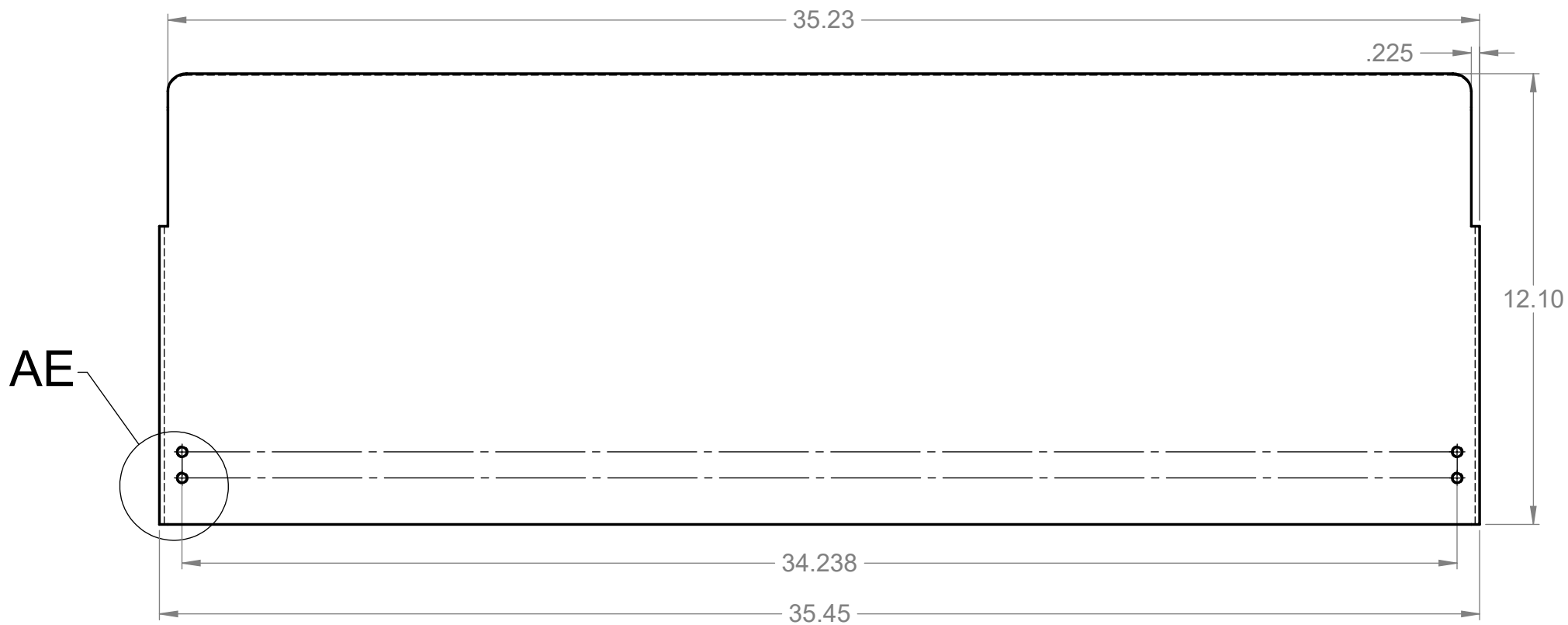
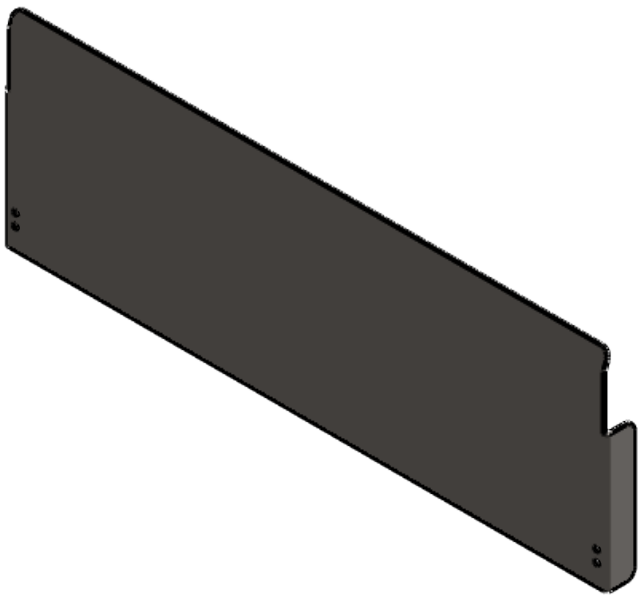
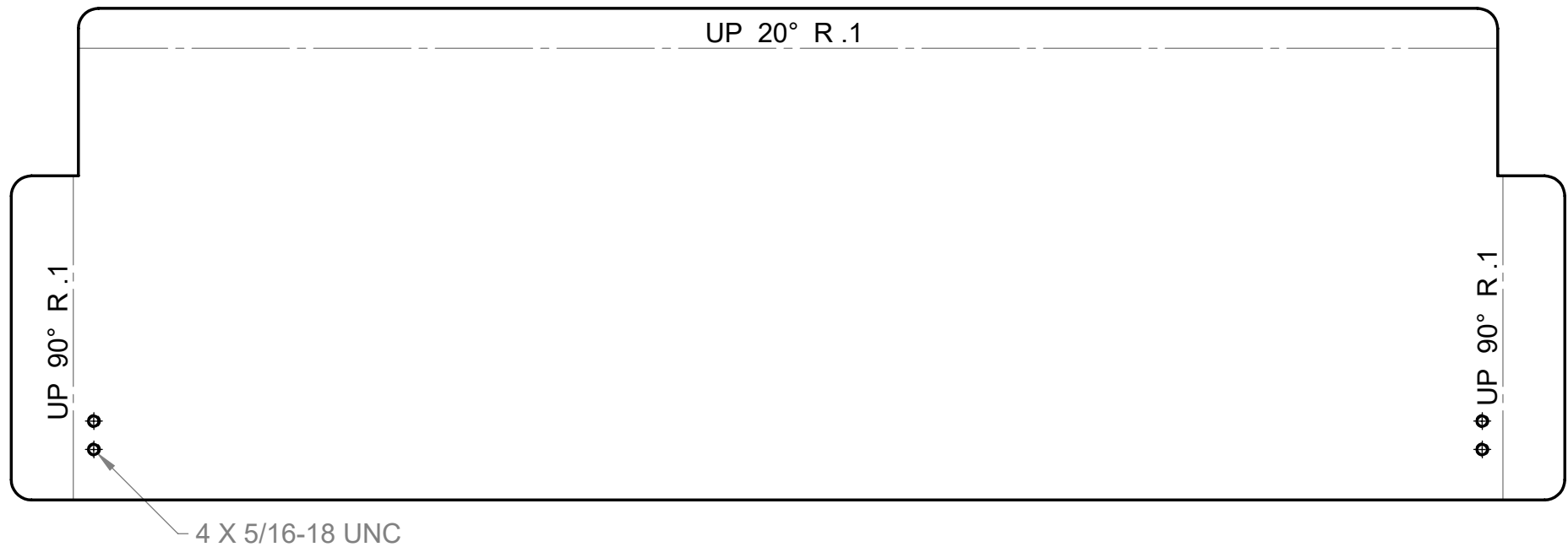
DRAWN BY	K. LEE	DATE	2019. 06. 08
CHECKED BY	K. LEE	DATE	2019. 06. 08
APPROVED	K. LEE	DATE	2019. 06. 08

CONESTOGA
Connect. Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4



TITLE	
BRIDGE PLATE SUB ASSEMBLY	
SIZE	DRAWING NO.
C	SSA502
SCALE	1:4
WEIGHT	g
1 OF 1	

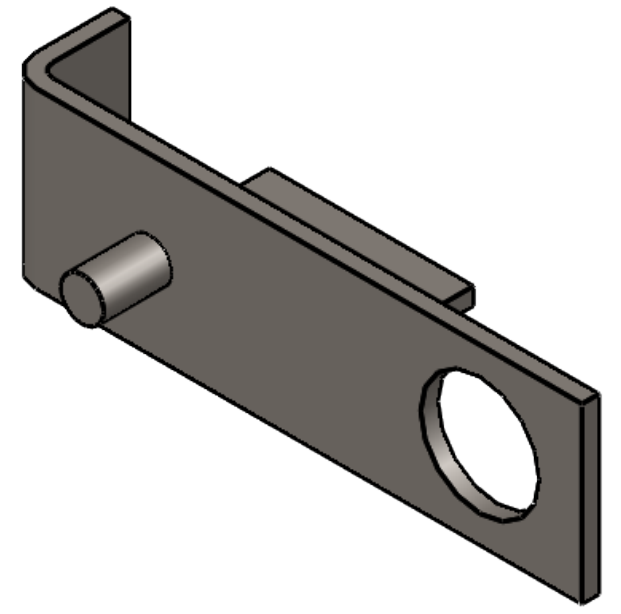
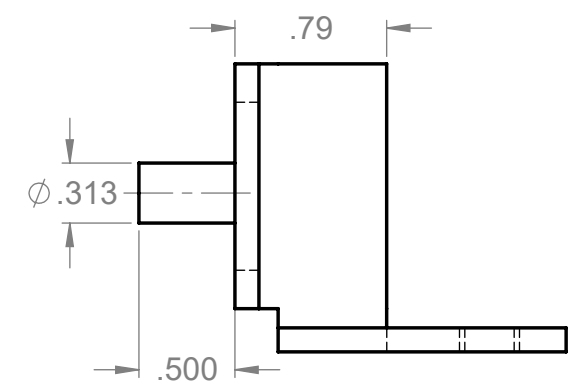
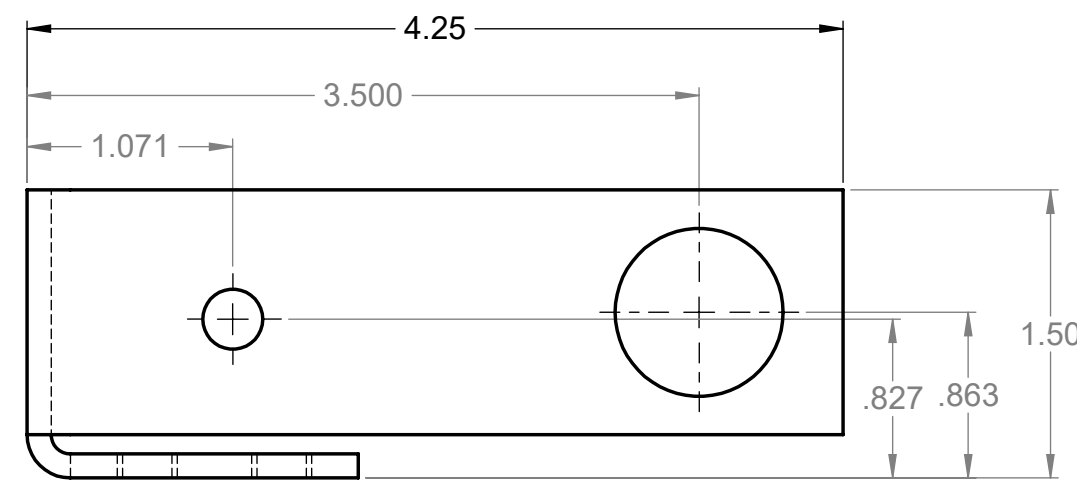
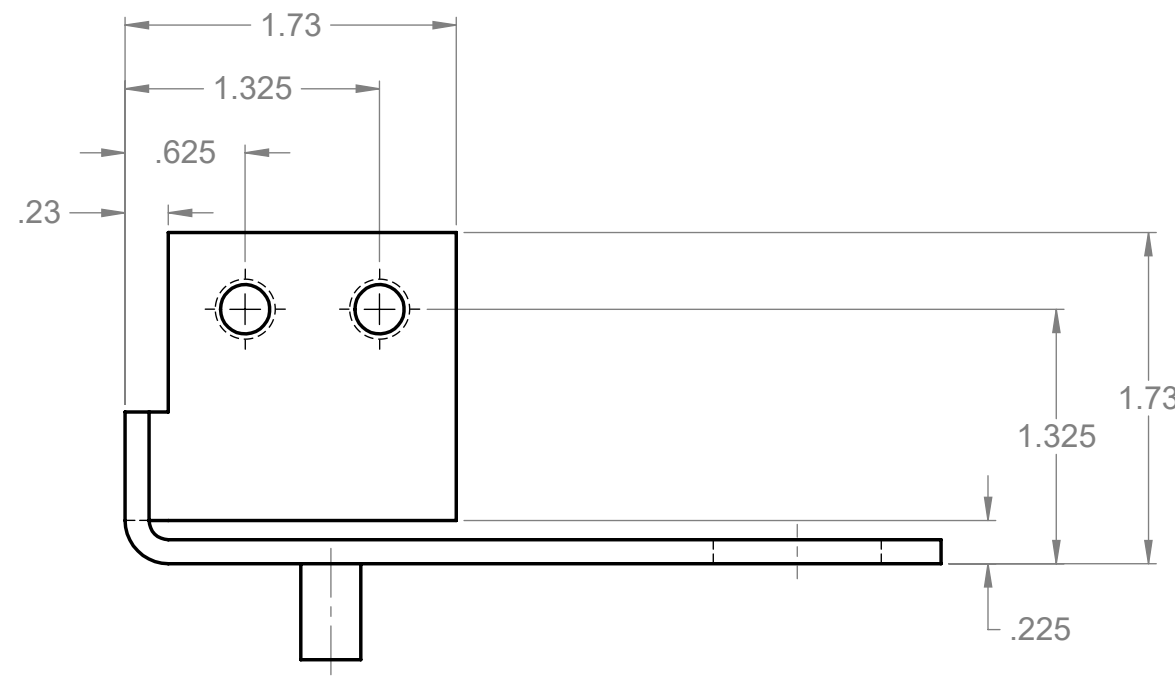
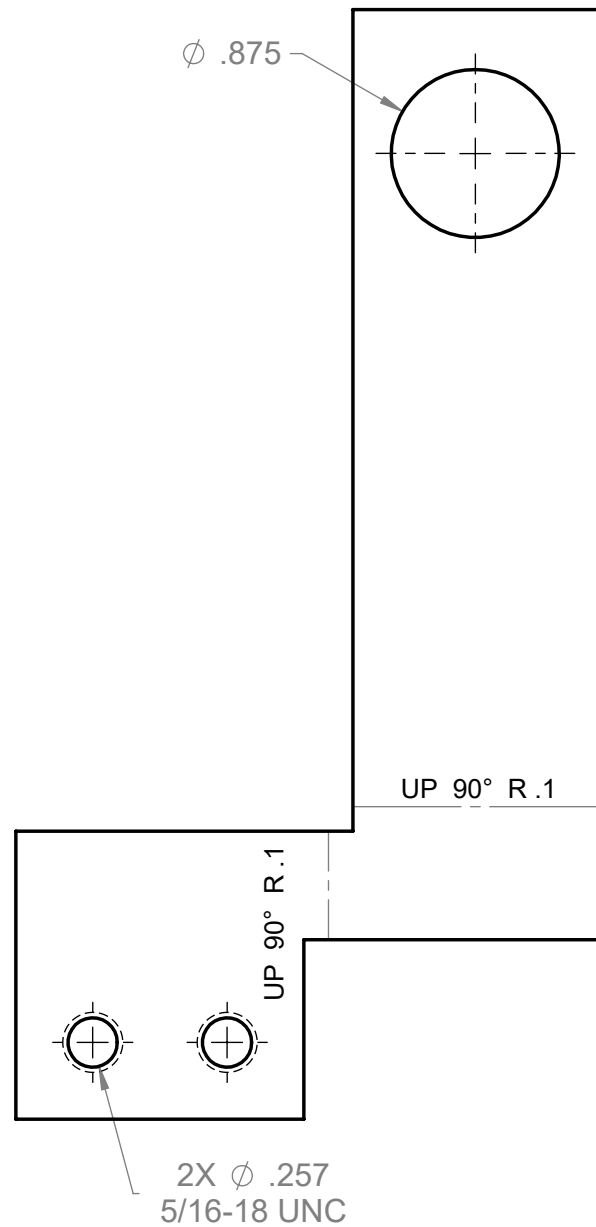
REVISION
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- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED
 3. TYP RADIUS 0.5"

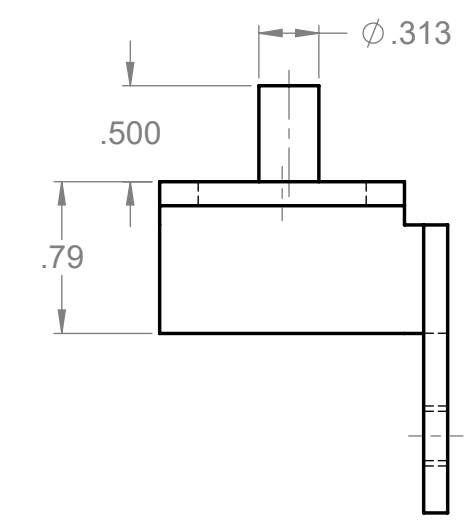
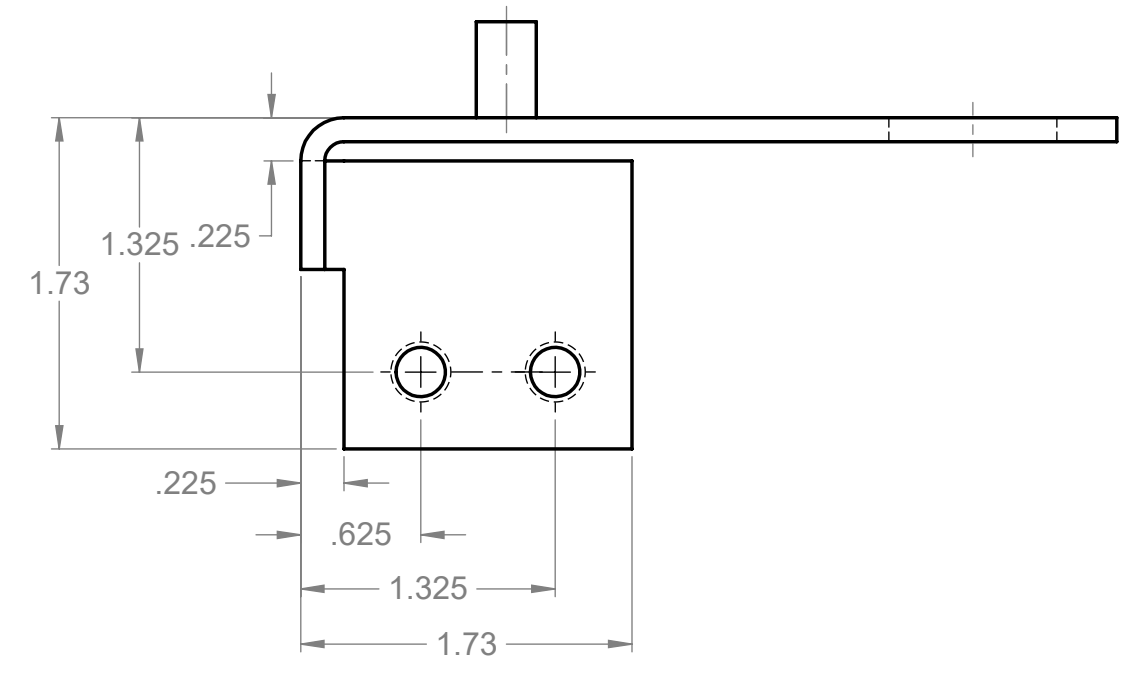
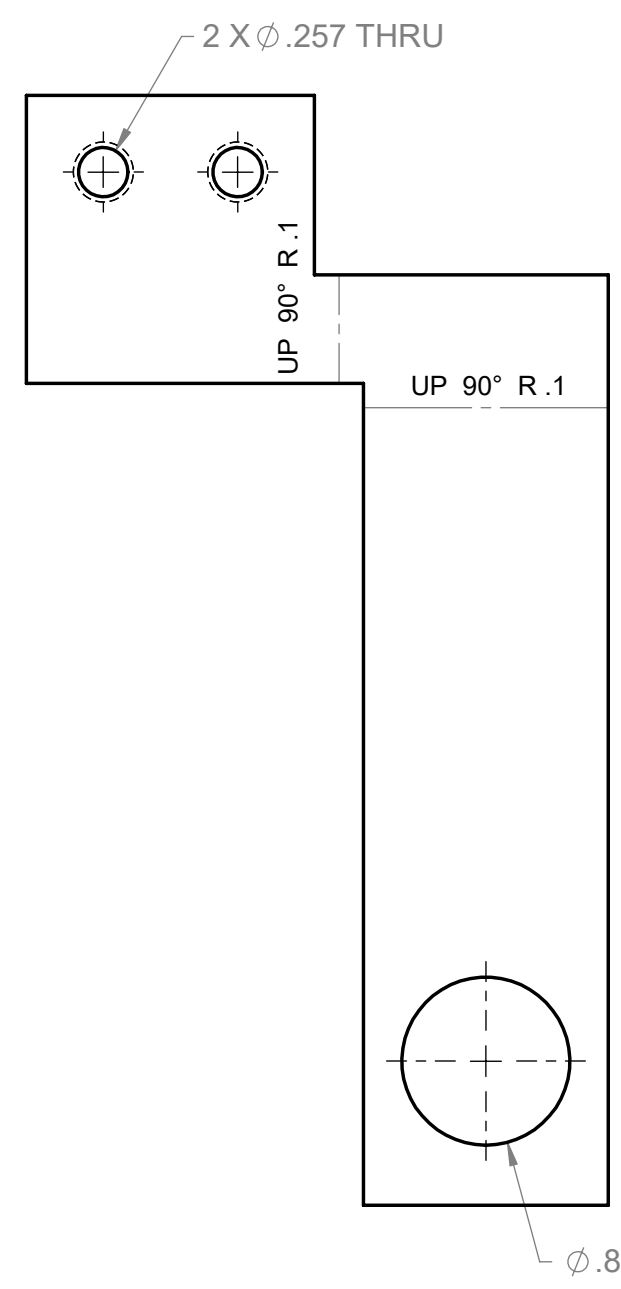
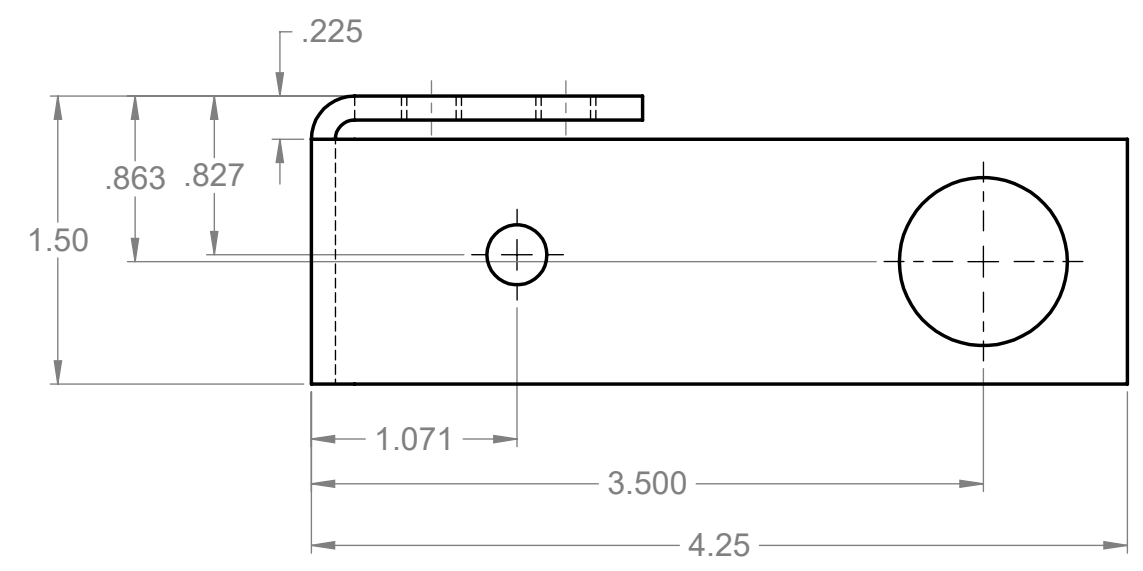
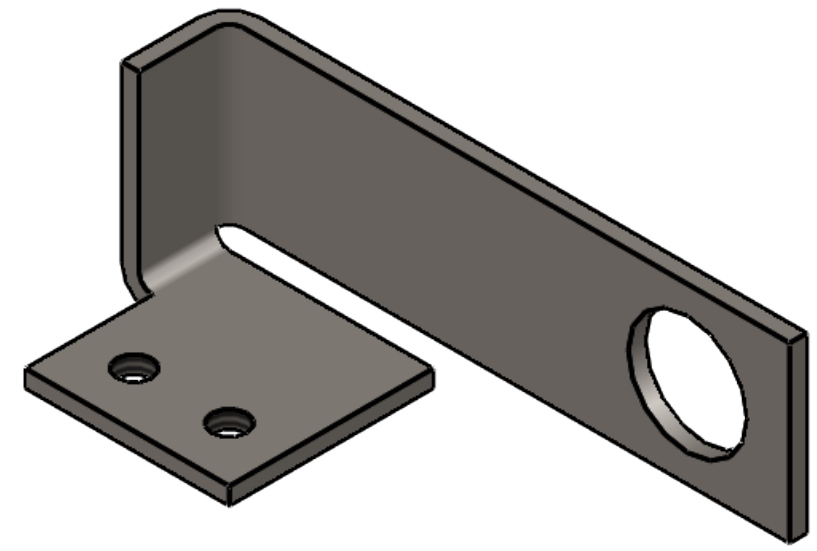
DETAIL AE
SCALE 1:2

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College			
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER		TITLE BRIDGE PLATE	
		PROJECT WHEELCHAIR LIFT			
DRAWN BY K. LEE		DATE 2019. 06. 08		SIZE B	DRAWING NO D502-01
CHECKED BY K. LEE		DATE 2019. 06. 08		REVISION -	
APPROVED K. LEE		DATE 2019. 06. 08		SCALE 1:4	WEIGHT lbs
				1 OF 1	



NOTE:
1. THICKNESS IS .125 INCHES
2. MATERIAL: 1040 ANNEALED

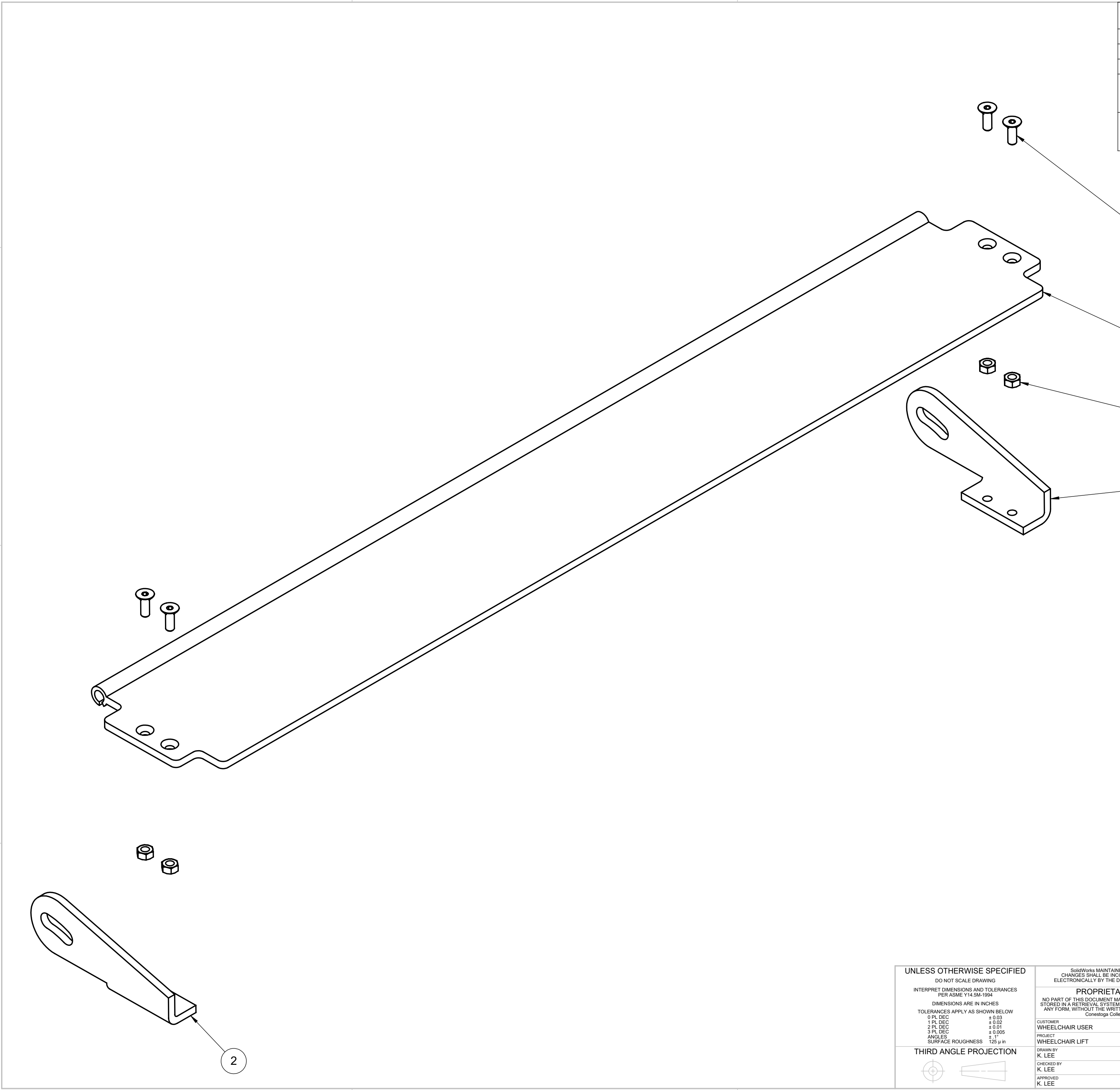
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT DRAWN BY: K. LEE CHECKED BY: K. LEE APPROVED: K. LEE DATE: 2019. 06. 08 DATE: 2019. 06. 08 DATE: 2019. 06. 08		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		TITLE BRIDGE PLATE BRACKET TYPE 1		SIZE B	
		DRAWING NO D502-02		REVISION -	
		SCALE 1:1		WEIGHT lbs	
				1 OF 1	



- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		C CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		BRIDGE PLATE BRACKET TYPE 2	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE B	REVISION -
		DRAWING NO D502-03		SCALE 1:1	WEIGHT lbs
				1 OF 1	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D503-01	ROLL STOP-ALUM	1
2	D503-02	LATCH ROLL STOP TYPE 1	1
3	D503-03	LATCH ROLL STOP TYPE 2	1
4	91263A559	ZINC-PLATED ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 1/4"-20 THREAD SIZE, 3/4" LONG	4
5	94191A100	MIL. SPEC. HIGH-STRENGTH STEEL HEX NUT, GRADE 8, 1/4"-20 THREAD SIZE, MS-51967-3	4



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03

1 PL DEC ± 0.02

2 PL DEC ± 0.01

3 PL DEC ± 0.005

ANGLES ± 1°

SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.

CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

DRAWN BY: K. LEE DATE: 2019. 06. 08

CHECKED BY: K. LEE DATE: 2019. 06. 08

APPROVED: K. LEE DATE: 2019. 06. 08

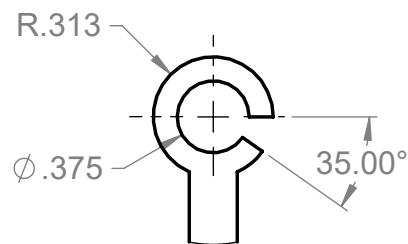
CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

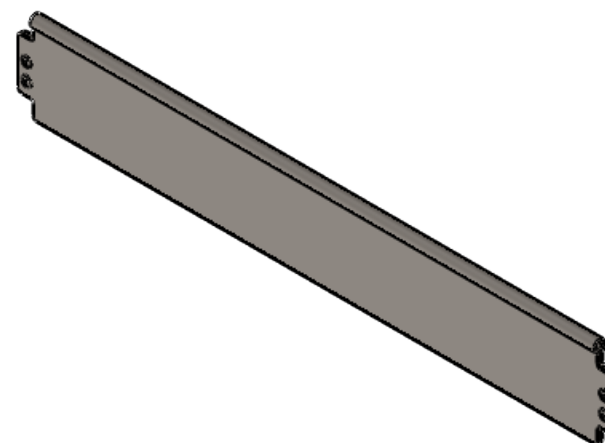
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SIZE: **C** DRAWING NO: **SSA503** REVISION: **-**

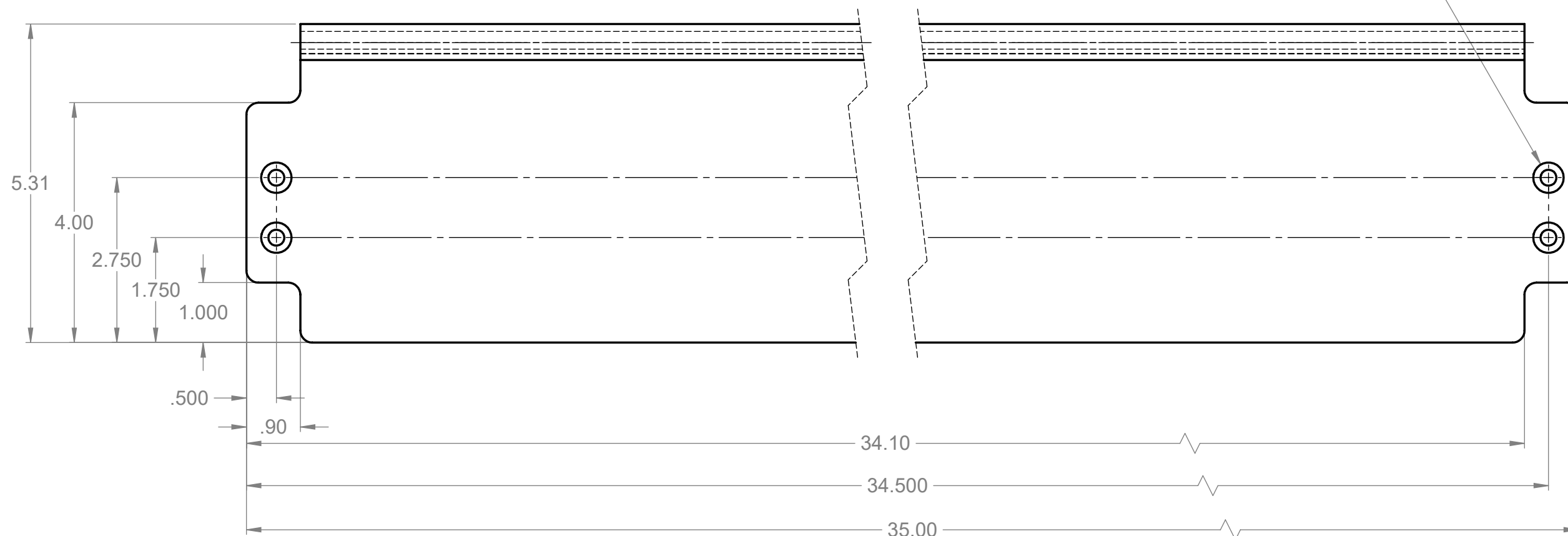
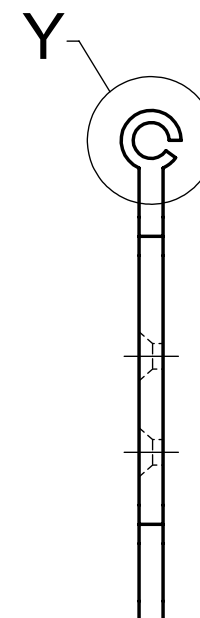
SCALE: 1:2 WEIGHT: g 1 OF 1



DETAIL Y
SCALE 1 : 1



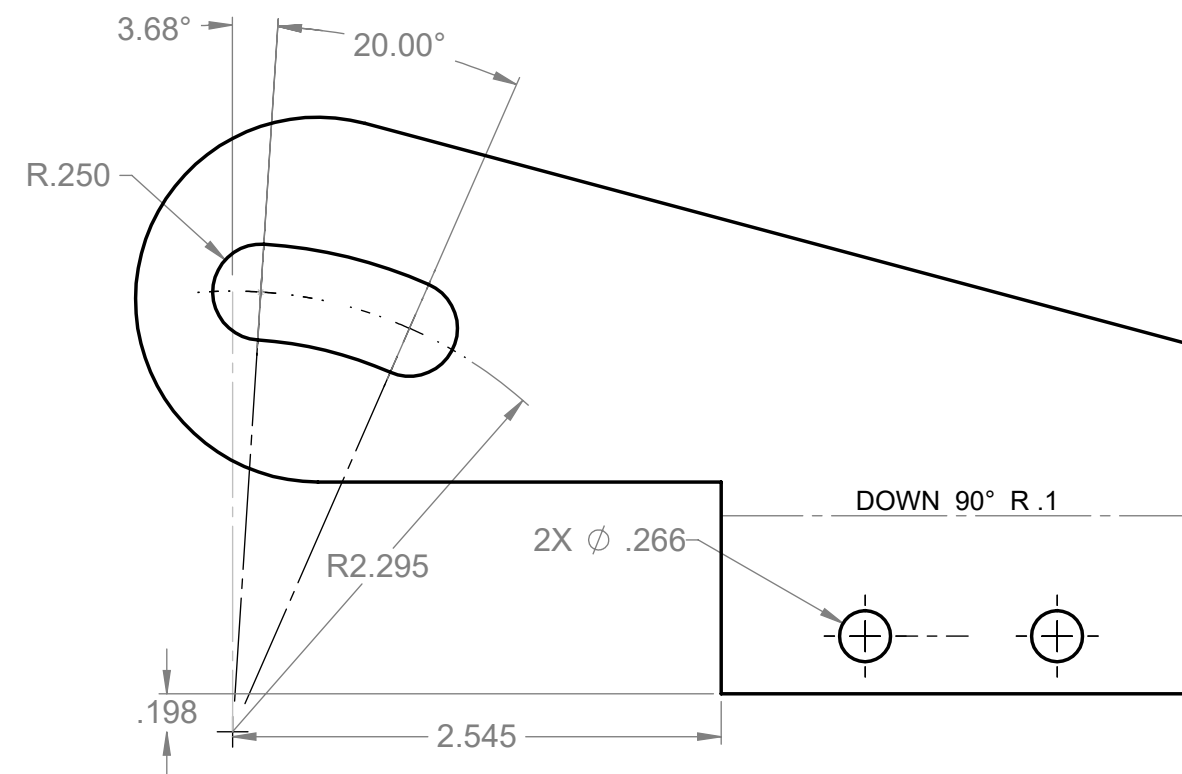
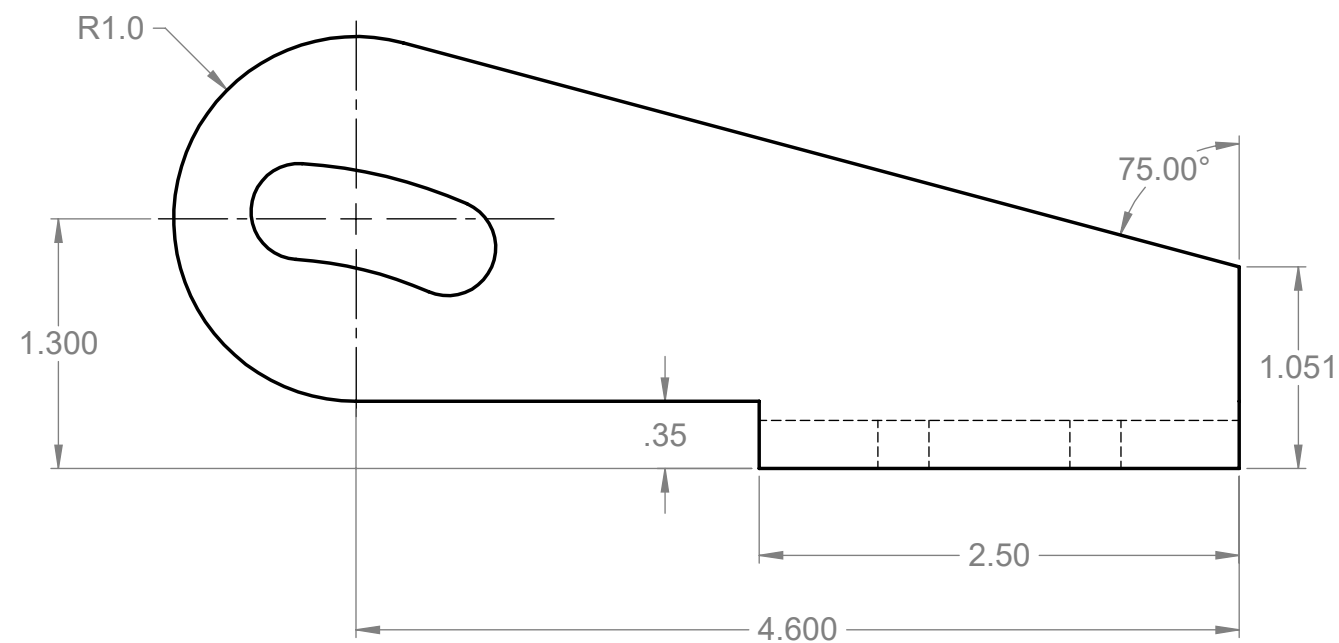
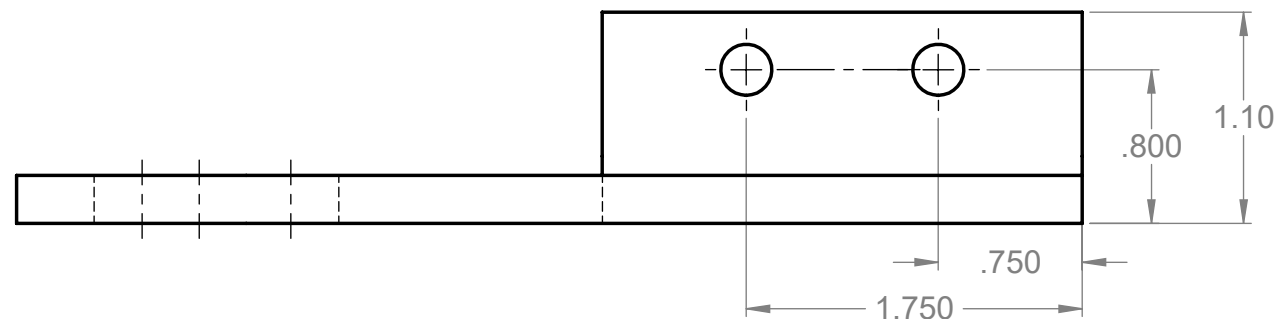
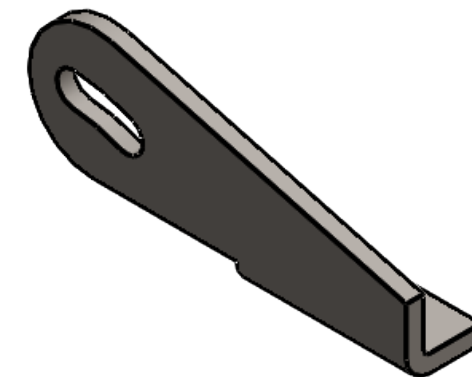
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✓ Ø .507 X 82°



NOTE:

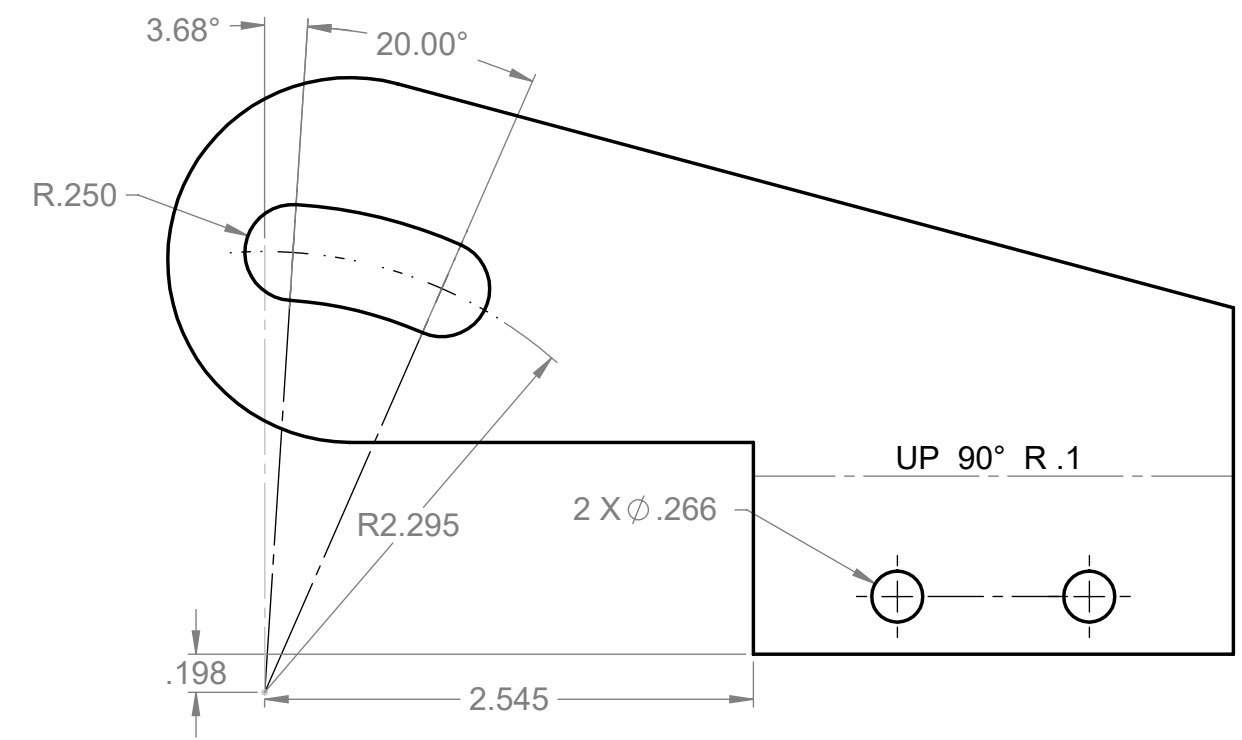
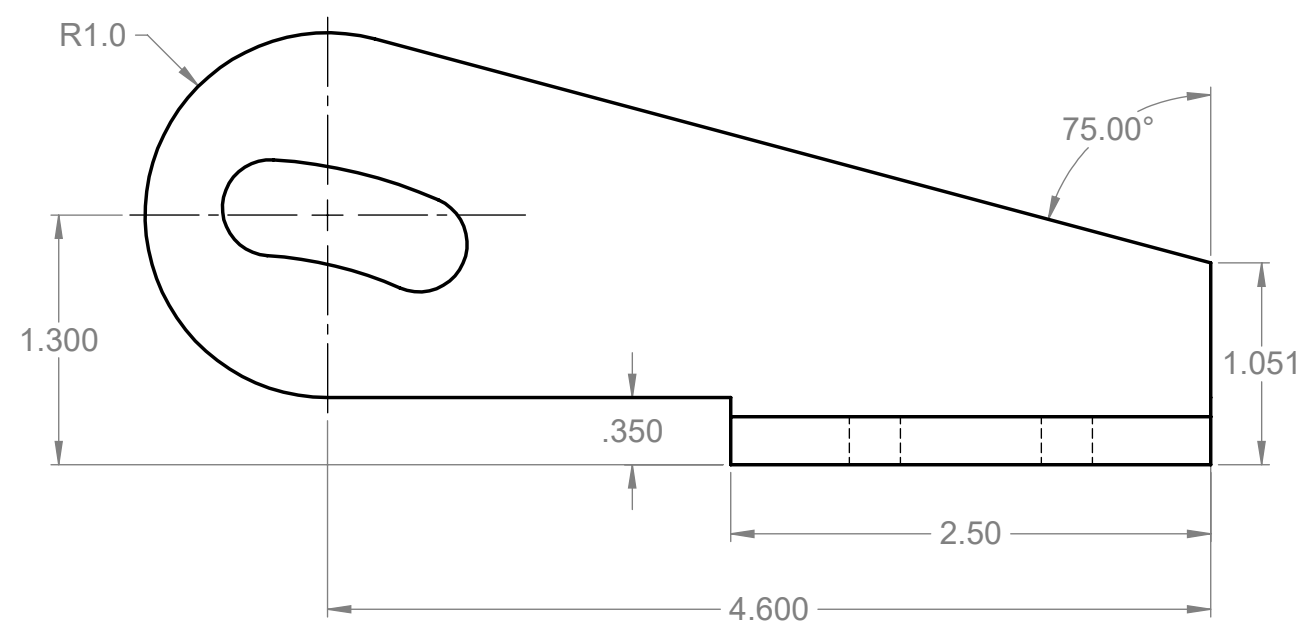
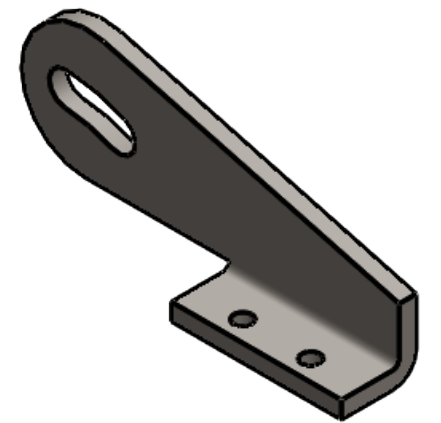
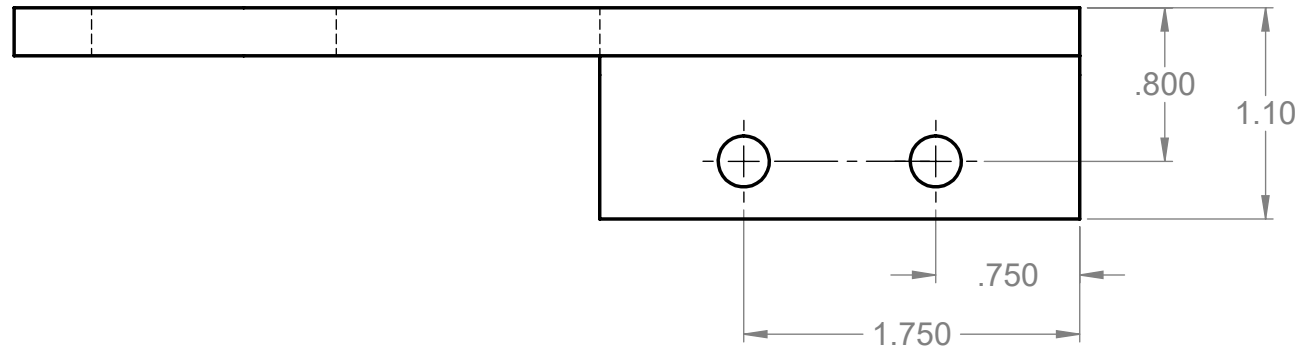
1. THICKNESS IS .25 INCHES
2. THE PART IS SYMMETRICAL
3. MATERIAL: 1040 ANNEALED
4. TYP RADIUS 0.2"

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>	
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College			
THIRD ANGLE PROJECTION <div><div></div><div></div></div>		CUSTOMER WHEELCHAIR USER		<div>TITLE</div> <div>ROLL STOP-ALUM</div>	
		PROJECT WHEELCHAIR LIFT			
DRAWN BY K. LEE		DATE 2019. 06. 08		SIZE B	
CHECKED BY K. LEE		DATE 2019. 06. 08		DRAWING NO	
APPROVED K. LEE		DATE 2019. 06. 08		D503-01	
		SCALE 1:2		WEIGHT lbs	
				1 OF 1	
				REVISION -	





- NOTE:
- THICKNESS IS .25 INCHES
 - MATERIAL: 1040 ANNEALED

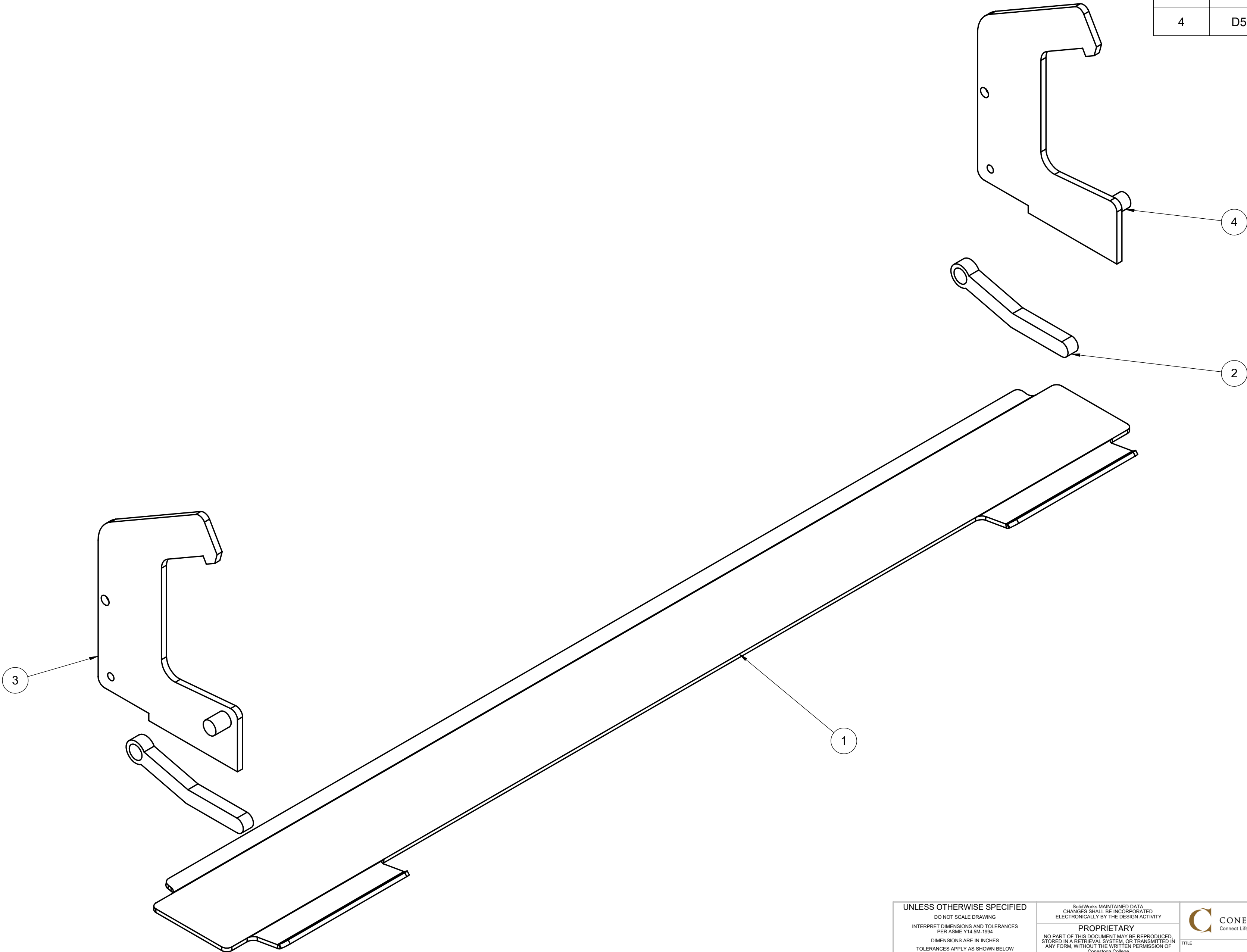
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
<div>THIRD ANGLE PROJECTION</div> <div><div><div></div><div></div></div><div><div></div><div></div></div></div>		CUSTOMER WHEELCHAIR USER		TITLE		
		PROJECT WHEELCHAIR LIFT		<div>LATCH ROLL STOP TYPE 1</div>		
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		CHECKED BY K. LEE				DRAWING NO D503-02
APPROVED K. LEE		DATE 2019. 06. 08	DATE 2019. 06. 08	SCALE 1:1	WEIGHT lbs	REVISION -
				1 OF 1		



- NOTE:
1. THICKNESS IS .25 INCHES
 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		DRAWN BY: K. LEE CHECKED BY: K. LEE APPROVED: K. LEE		DATE: 2019. 06. 08 DATE: 2019. 06. 08 DATE: 2019. 06. 08	
		SIZE: B		DRAWING NO: D503-03	
		SCALE: 1:1		WEIGHT: lbs	
				1 OF 1	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D504-01	ACTIVATION FOOT	1
2	D504-02	ACTIVATION FOOT WELDMENT PART	2
3	D504-03	LATCH-ROLL STOP PLATE TYPE 1	1
4	D504-04	LATCH-ROLL STOP PLATE TYPE 2	1



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.03
1 PL DEC	± 0.02
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± 1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.

CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

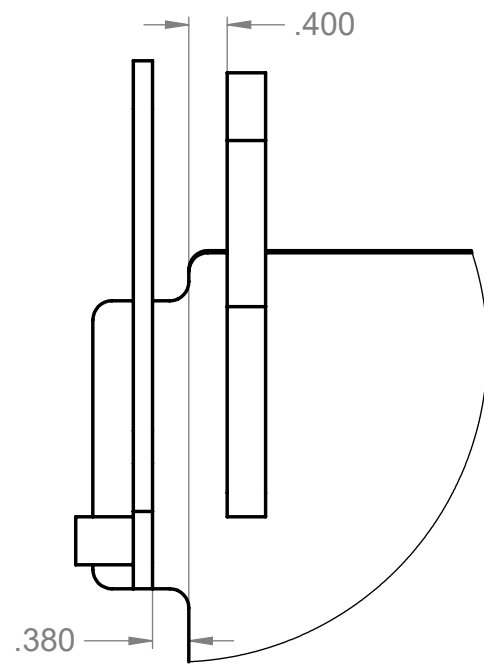
DRAWN BY	K. LEE	DATE	2019. 06. 08
CHECKED BY	K. LEE	DATE	2019. 06. 08
APPROVED	K. LEE	DATE	2019. 06. 08

CONESTOGA
Connect Life and Learning

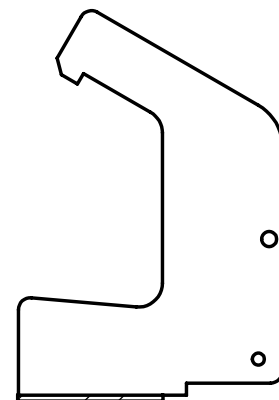
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE: **ROLL STOP ACTIVATION FOOT SUB ASSEMBLY**

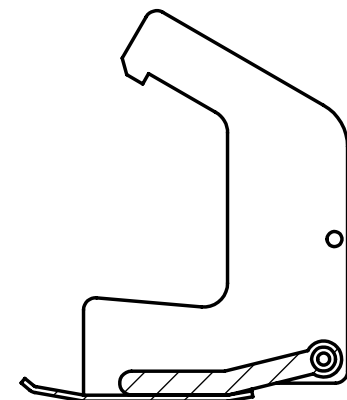
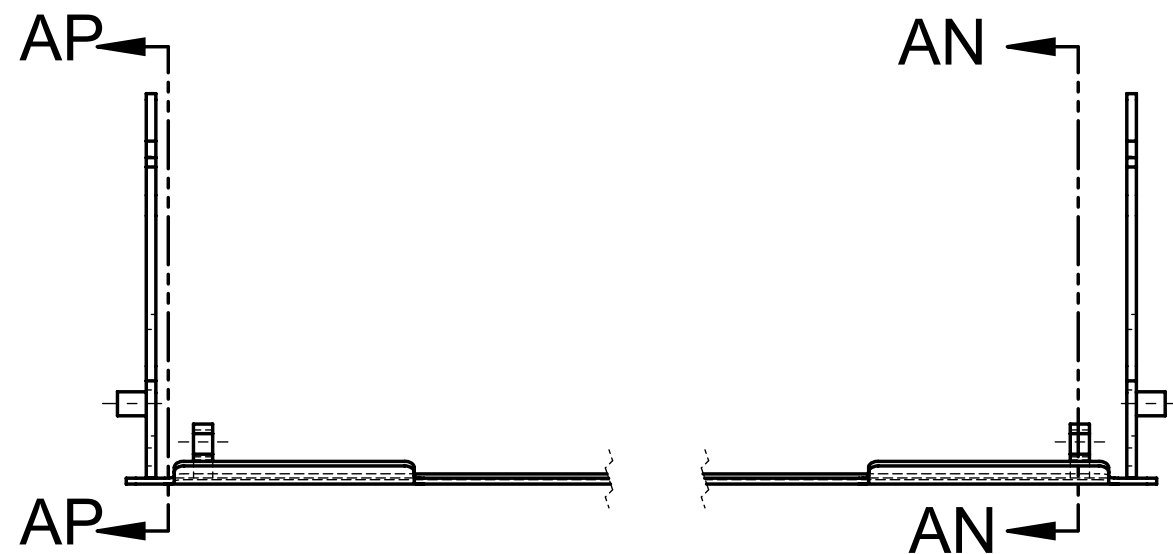
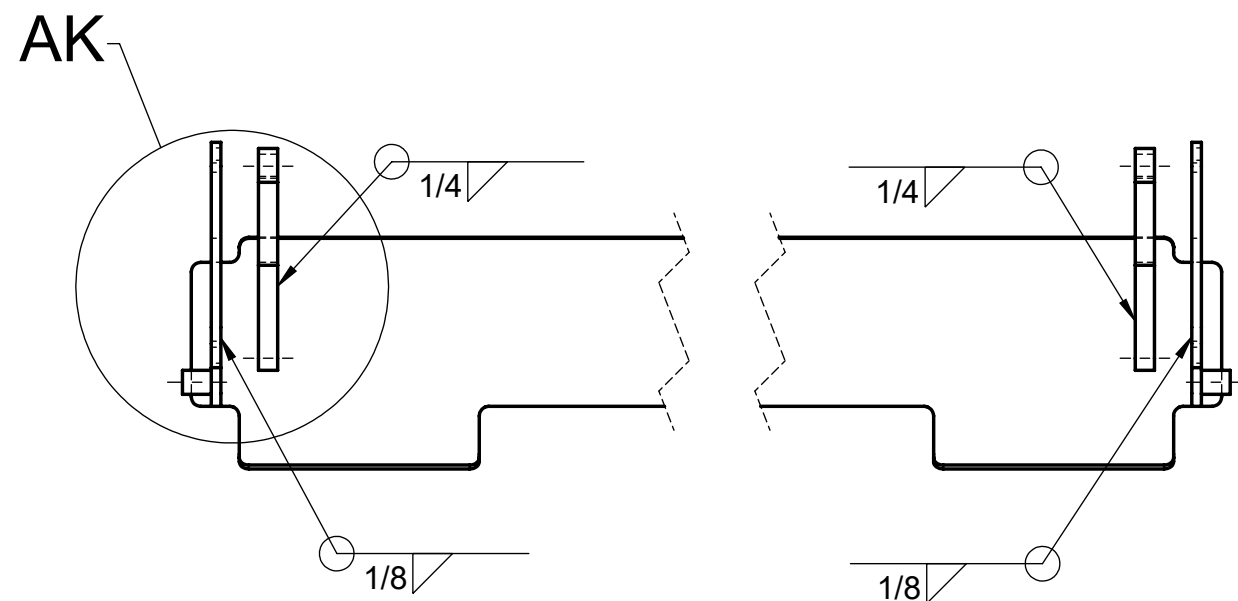
SIZE: C	DRAWING NO: SSA504	REVISION: -
SCALE: 1:2	WEIGHT: g	1 OF 1



DETAIL AK
SCALE 1:2





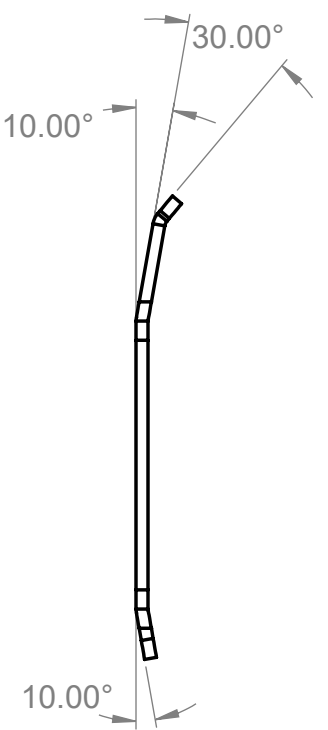
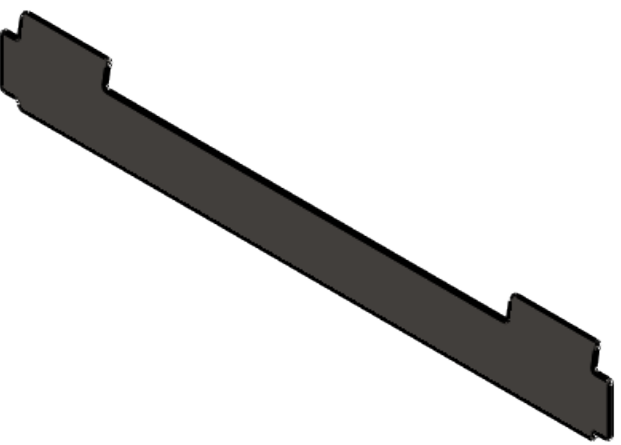
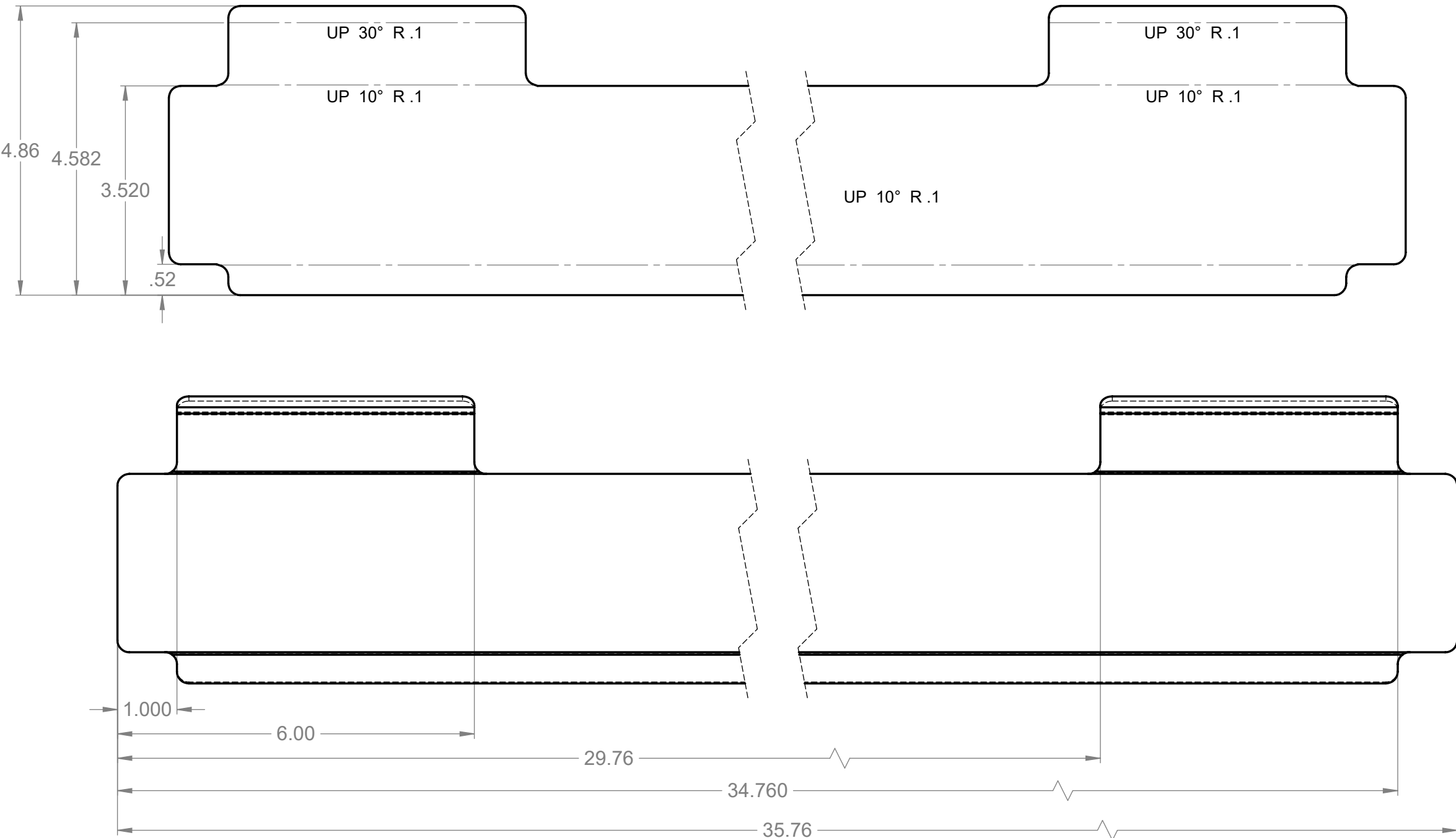
SECTION AP-AP
SCALE 1 : 4





SECTION AN-AN
SCALE 1 : 4

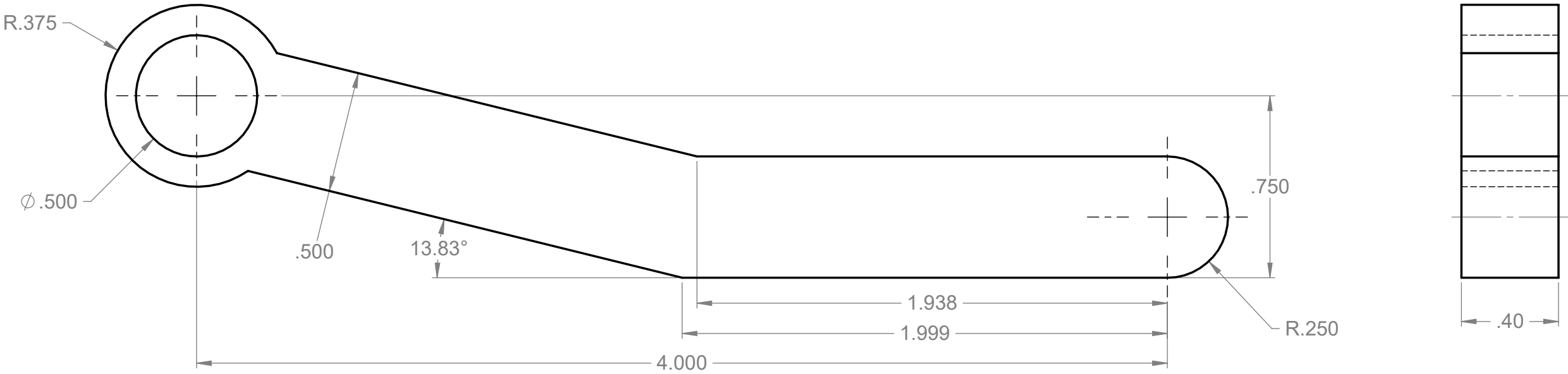
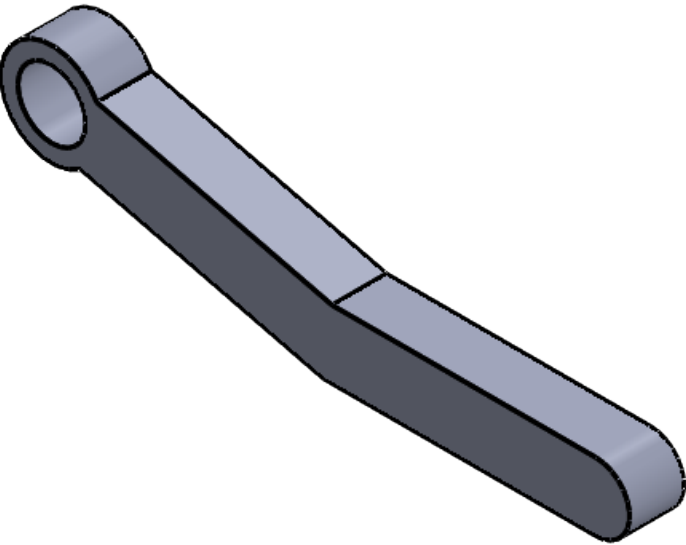
NOTE:
1. THE ASSEMBLY AND WELDMENT ARE SYMMETRICAL

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		 CONESTOGA Connect Life and Learning		299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		CUSTOMER WHEELCHAIR USER		ACTIVATION FOOT WELDMENT	
THIRD ANGLE PROJECTION 		PROJECT WHEELCHAIR LIFT		DRAWN BY K. LEE		DATE 2019. 06. 08	
CHECKED BY K. LEE		DATE 2019. 06. 08		APPROVED K. LEE		DATE 2019. 06. 08	
SIZE B		DRAWING NO WA504		SCALE 1:4		WEIGHT lbs	
1 OF 1		REVISION -		1 OF 1		1 OF 1	





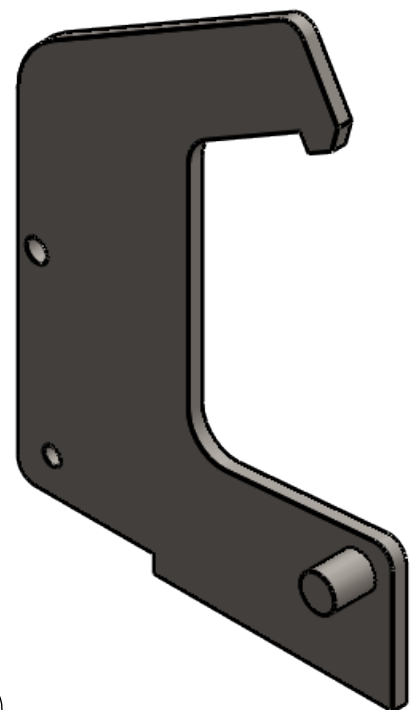
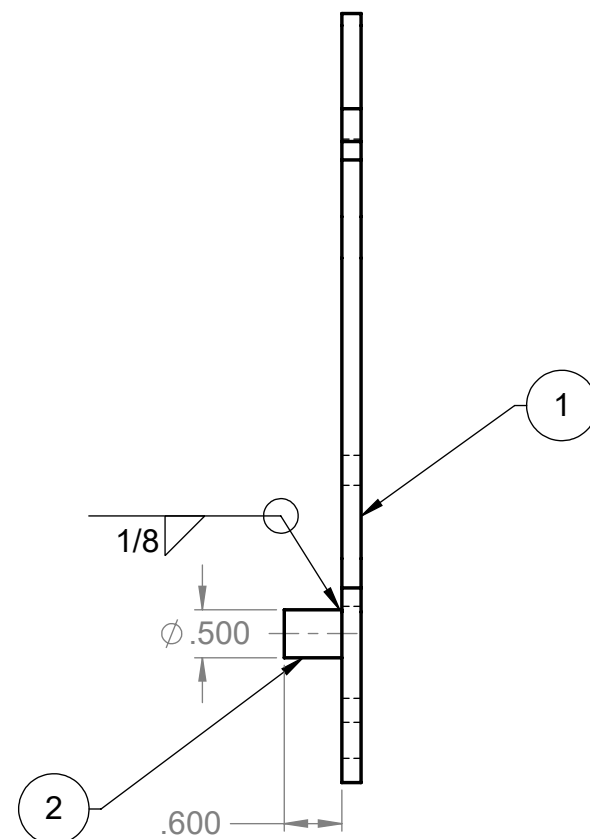
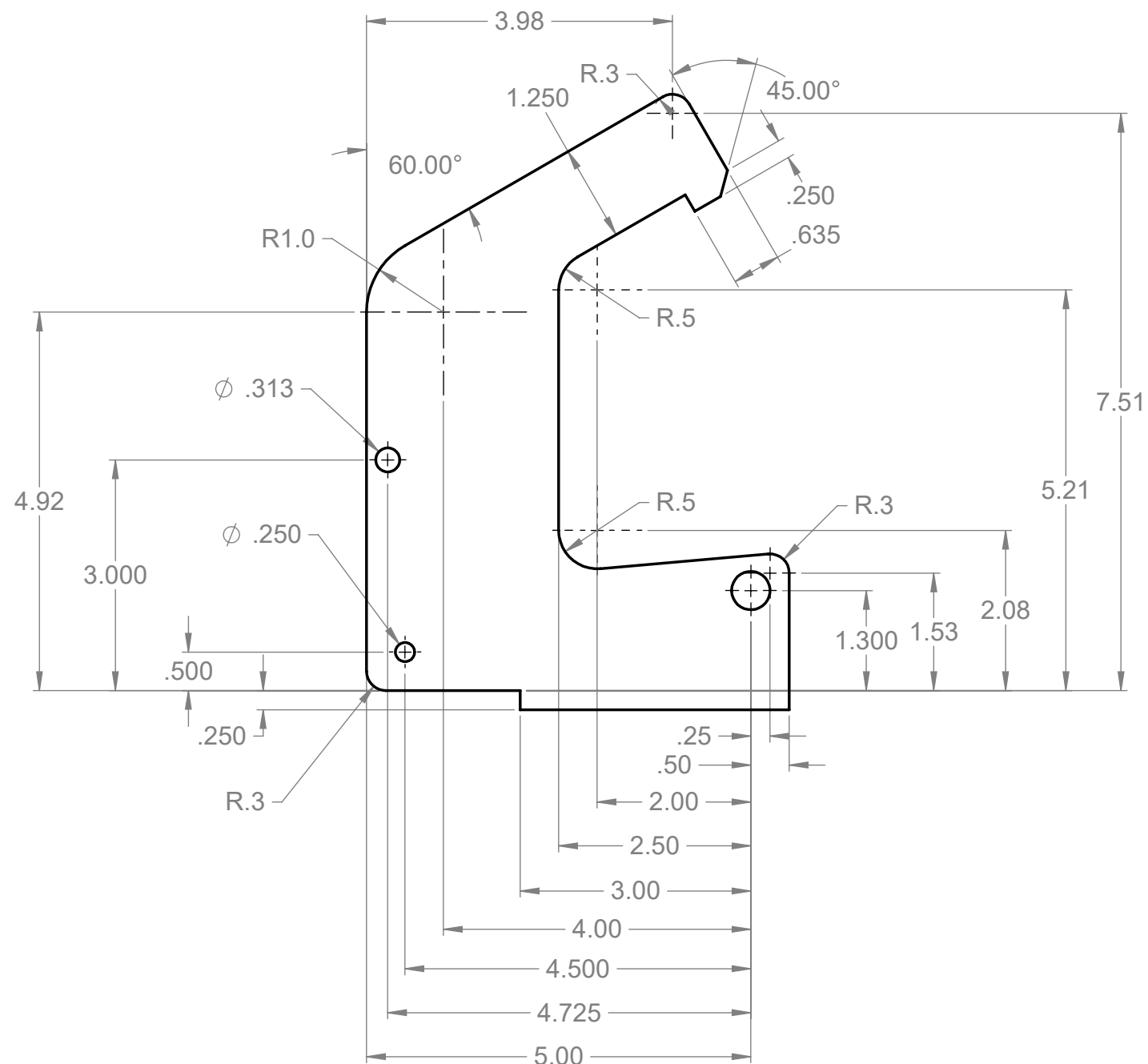
- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: 1040 ANNEALED
 3. THE PART IS SYMMETRICAL
 4. TYP RADIUS 0.2"

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT DRAWN BY: K. LEE CHECKED BY: K. LEE APPROVED: K. LEE DATE: 2019. 06. 08 DATE: 2019. 06. 08 DATE: 2019. 06. 08		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		TITLE ACTIVATION FOOT		REVISION -	
SIZE B		DRAWING NO D504-01		WEIGHT lbs	
SCALE 1:2		1 OF 1			





NOTE:
1. MATERIAL: 1040 ANNEALED

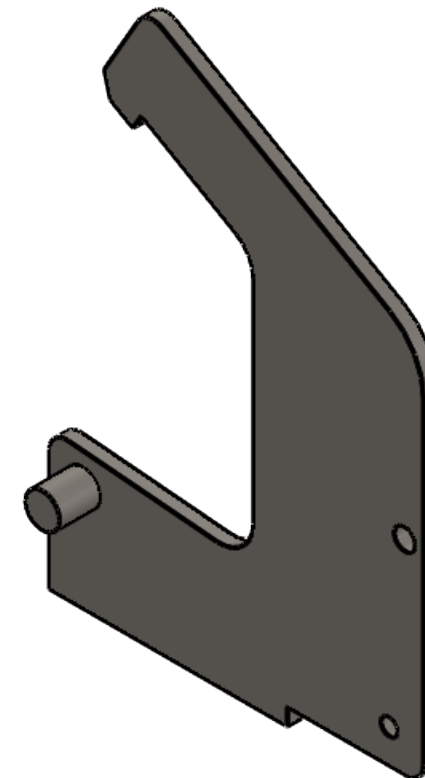
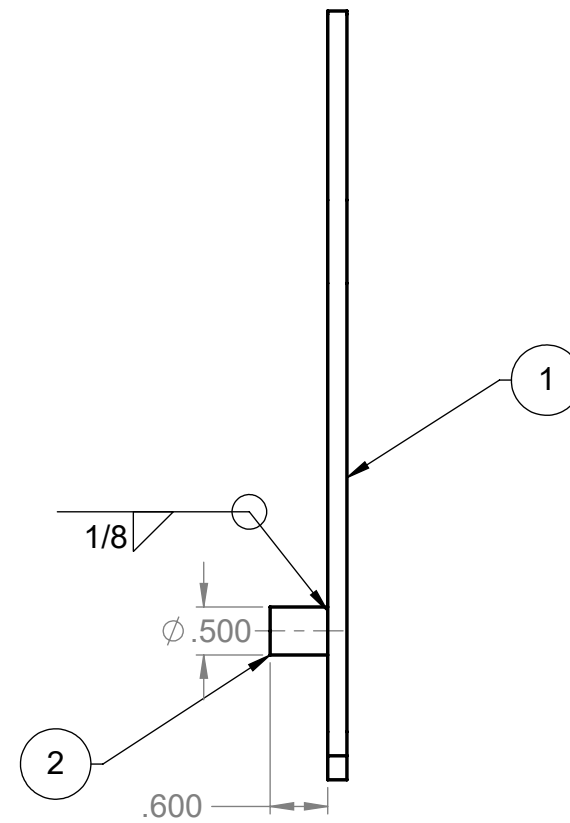
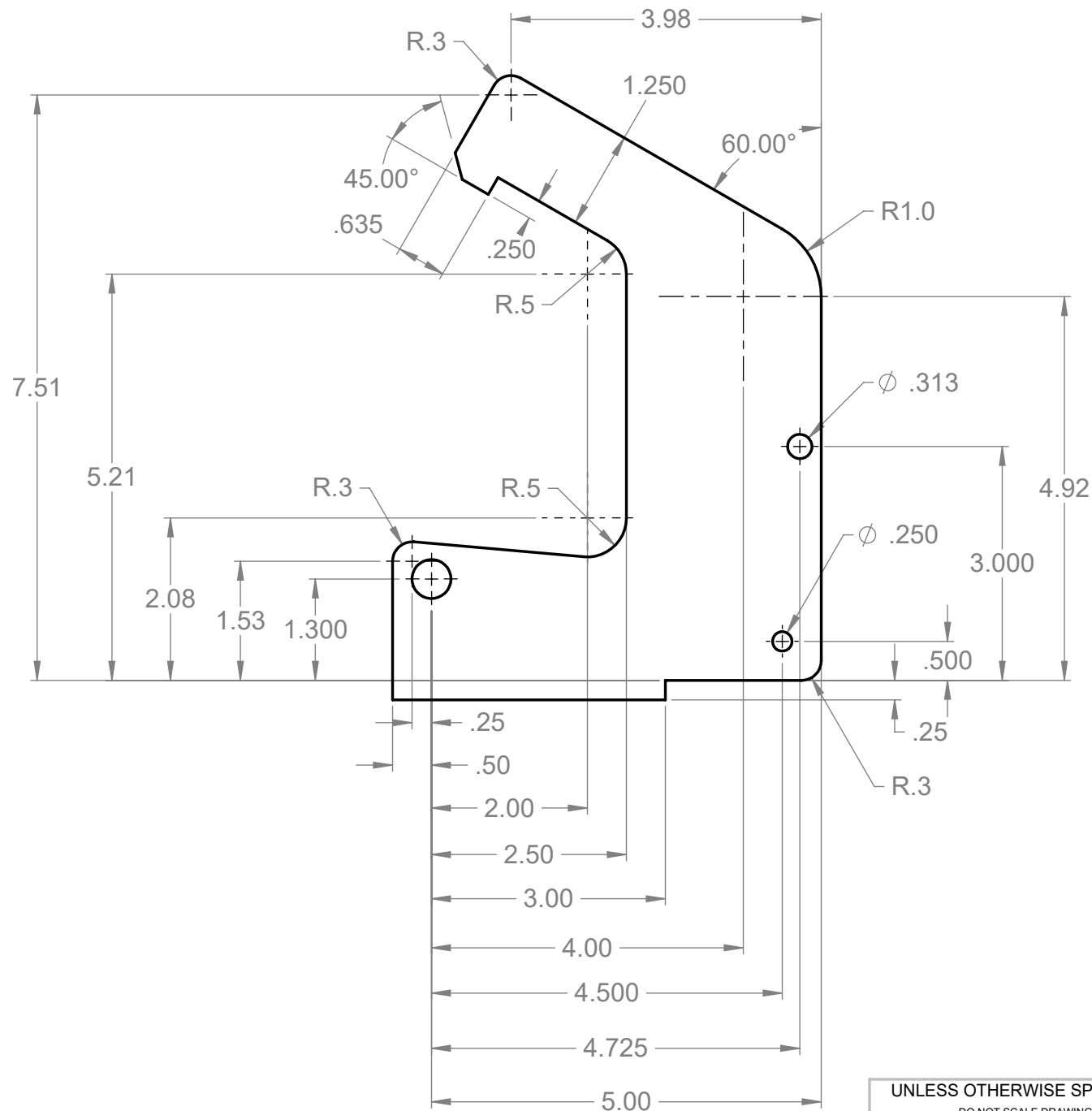
<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 µ in</div>		<div>SolidWorks MAINTAINED DATA</div> <div>CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</div>		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		<div>PROPRIETARY</div> <div>NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College</div>				
		<div>CUSTOMER</div> <div>WHEELCHAIR USER</div>		<div>TITLE</div> <div>ACTIVATION FOOT WELDMENT PART</div>		
		<div>PROJECT</div> <div>WHEELCHAIR LIFT</div>				
<div>THIRD ANGLE PROJECTION</div> <div></div>		<div>DRAWN BY</div> <div>K. LEE</div>	<div>DATE</div> <div>2019. 06. 08</div>	<div>SIZE</div> <div>B</div>	<div>DRAWING NO</div> <div>D504-02</div>	<div>REVISION</div> <div>-</div>
		<div>CHECKED BY</div> <div>K. LEE</div>	<div>DATE</div> <div>2019. 06. 08</div>	<div>SCALE</div> <div>2:1</div>	<div>WEIGHT</div> <div>lbs</div>	<div>1 OF 1</div>
		<div>APPROVED</div> <div>K. LEE</div>	<div>DATE</div> <div>2019. 06. 08</div>			



- NOTE:
- THICKNESS IS .2 INCHES
 - MATERIAL: 1040 ANNEALED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D504-03	LATCH-ROLL STOP PLATE TYPE 1	1
2		ROUND BAR ϕ 0.5 X 0.6	1

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC \pm 0.2 1 PL DEC \pm 0.1 2 PL DEC \pm 0.01 3 PL DEC \pm 0.005 ANGLES \pm .1° SURFACE ROUGHNESS 125 μ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		CUSTOMER WHEELCHAIR USER PROJECT WHEELCHAIR LIFT		LATCH-ROLL STOP PLATE TYPE 1	
DRAWN BY K. LEE CHECKED BY K. LEE APPROVED K. LEE		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		SIZE B SCALE 1:2	DRAWING NO D504-03 WEIGHT lbs
				1 OF 1	REVISION -



- NOTE:
- THICKNESS IS .2 INCHES
 - MATERIAL: 1040 ANNEALED

ITEM NO.	PART NUMBER	DESCRIPTION	DEFAULT
1	D504-04	LATCH-ROLL STOP PLATE TYPE 2	1
2		ROUND BAR ϕ 0.5 X 0.6	1

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	$\pm .1^\circ$
SURFACE ROUGHNESS	125 μ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED,
STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN
ANY FORM, WITHOUT THE WRITTEN PERMISSION OF
Conestoga College

CUSTOMER:
WHEELCHAIR USER

PROJECT:
WHEELCHAIR LIFT

DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

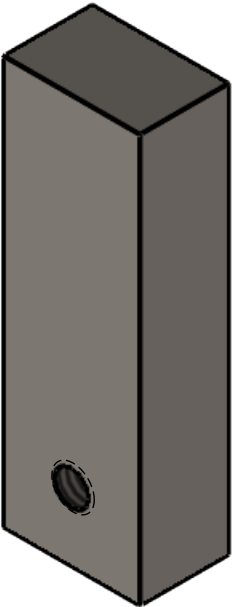
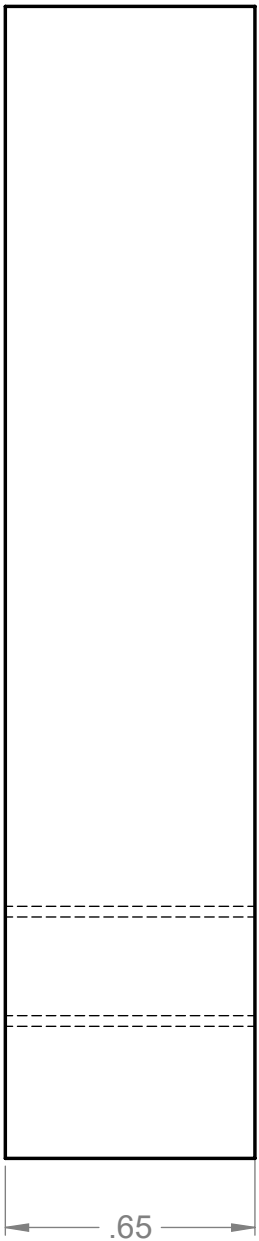
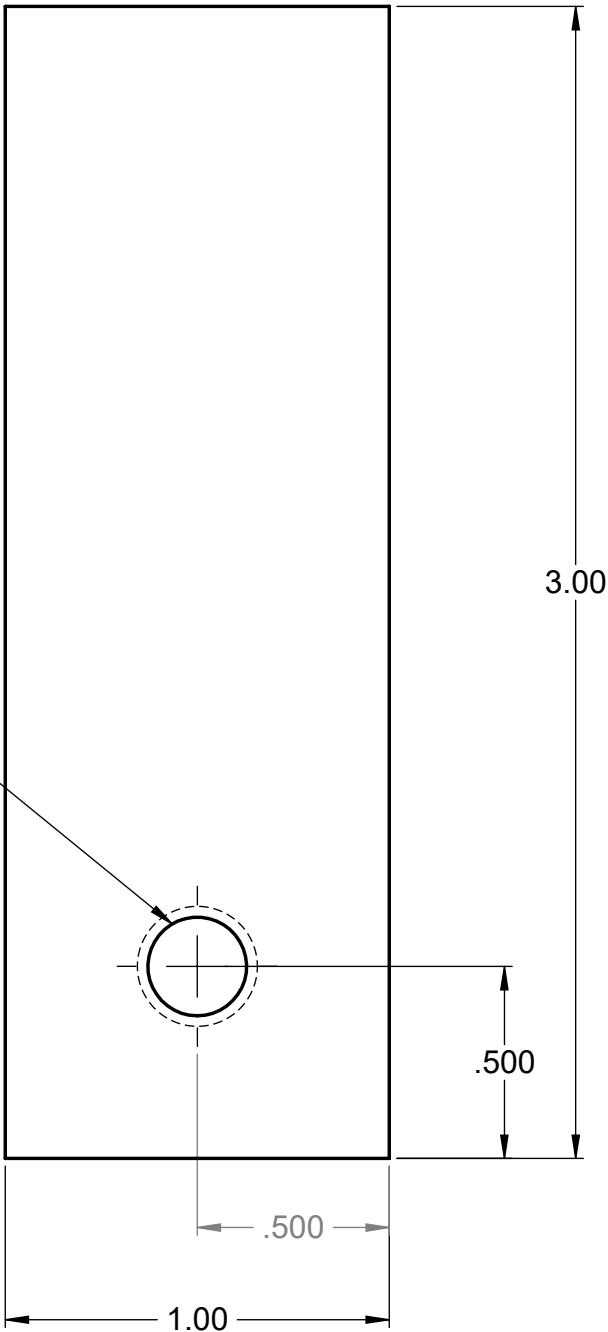
CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4



TITLE
LATCH-ROLL STOP PLATE TYPE 2

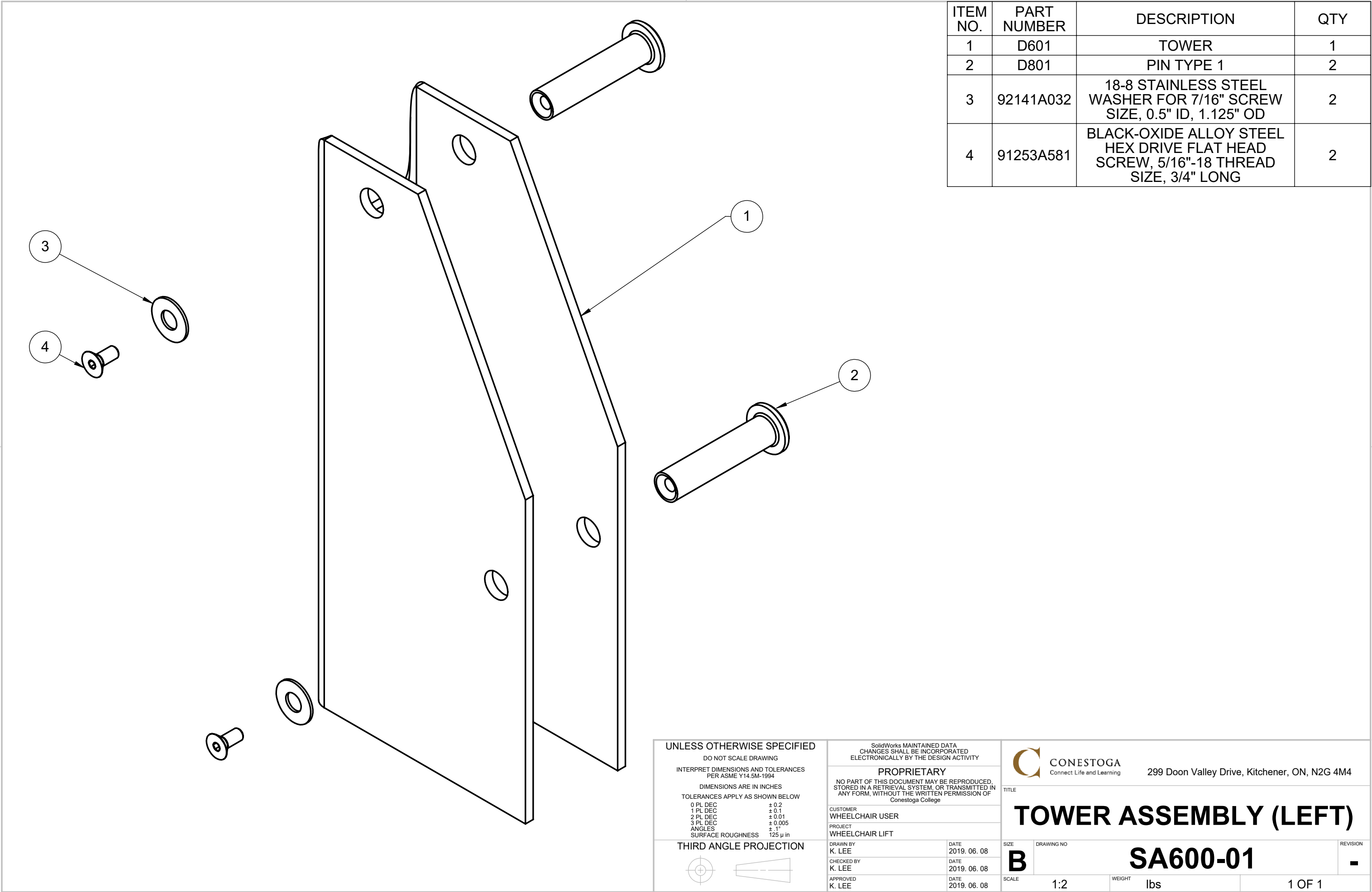
SIZE B	DRAWING NO D504-04	REVISION -
SCALE 1:2	WEIGHT lbs	1 OF 1

5/16-18 Tapped Hole



NOTE:
1. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		<div>SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY</div> <div>PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College</div> <div>CUSTOMER WHEELCHAIR USER</div> <div>PROJECT WHEELCHAIR LIFT</div>		<div> CONESTOGA Connect Life and Learning</div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>	
THIRD ANGLE PROJECTION 		<div>DRAWN BY K. LEE</div> <div>CHECKED BY K. LEE</div> <div>APPROVED K. LEE</div>		<div>TITLE</div> <div>STOP BLOCK</div>	
		<div>DATE 2019. 06. 08</div> <div>DATE 2019. 06. 08</div> <div>DATE 2019. 06. 08</div>		<div>SIZE B</div> <div>DRAWING NO D505</div> <div>REVISION -</div>	
		<div>SCALE 2:1</div> <div>WEIGHT lbs</div>		<div>1 OF 1</div>	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D601	TOWER	1
2	D801	PIN TYPE 1	2
3	92141A032	18-8 STAINLESS STEEL WASHER FOR 7/16" SCREW SIZE, 0.5" ID, 1.125" OD	2
4	91253A581	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 5/16"-18 THREAD SIZE, 3/4" LONG	2

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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CUSTOMER
WHEELCHAIR USER

PROJECT
WHEELCHAIR LIFT

DRAWN BY K. LEE	DATE 2019. 06. 08
CHECKED BY K. LEE	DATE 2019. 06. 08
APPROVED K. LEE	DATE 2019. 06. 08

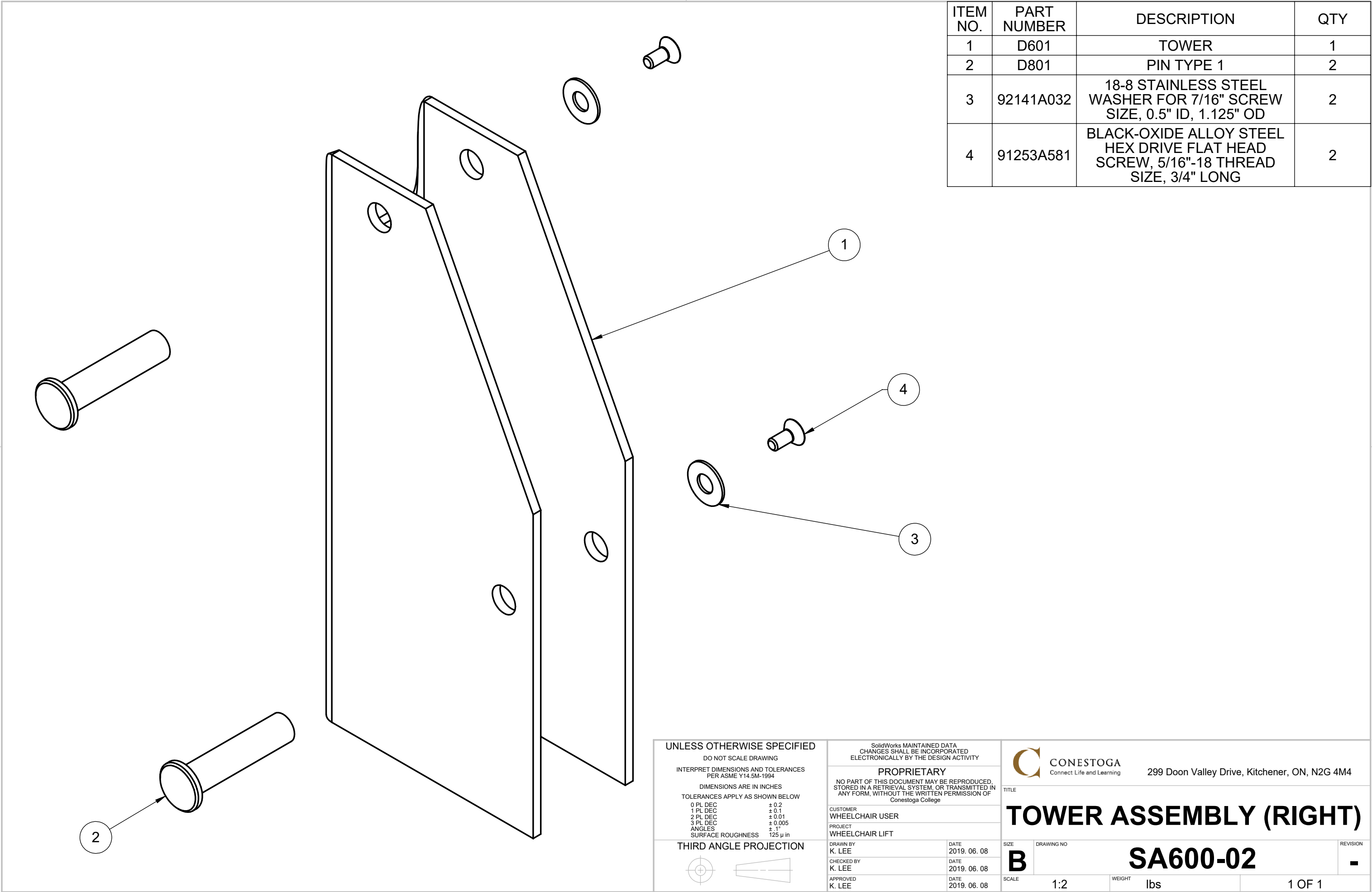
C CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

TOWER ASSEMBLY (LEFT)

SIZE B	DRAWING NO SA600-01	REVISION -
SCALE 1:2	WEIGHT lbs	1 OF 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D601	TOWER	1
2	D801	PIN TYPE 1	2
3	92141A032	18-8 STAINLESS STEEL WASHER FOR 7/16" SCREW SIZE, 0.5" ID, 1.125" OD	2
4	91253A581	BLACK-OXIDE ALLOY STEEL HEX DRIVE FLAT HEAD SCREW, 5/16"-18 THREAD SIZE, 3/4" LONG	2

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in


THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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ANY FORM, WITHOUT THE WRITTEN PERMISSION OF
Conestoga College

CUSTOMER	WHEELCHAIR USER		
PROJECT	WHEELCHAIR LIFT		
DRAWN BY	K. LEE	DATE	2019. 06. 08
CHECKED BY	K. LEE	DATE	2019. 06. 08
APPROVED	K. LEE	DATE	2019. 06. 08



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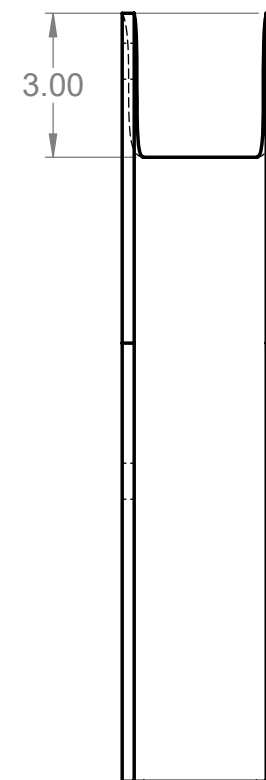
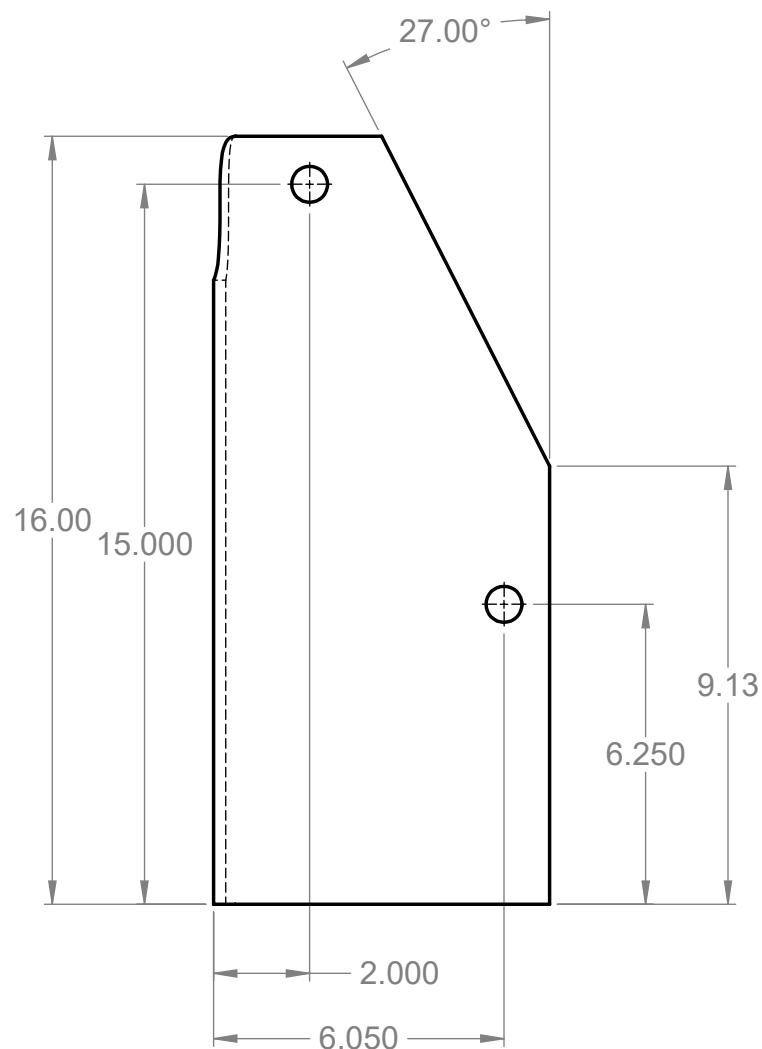
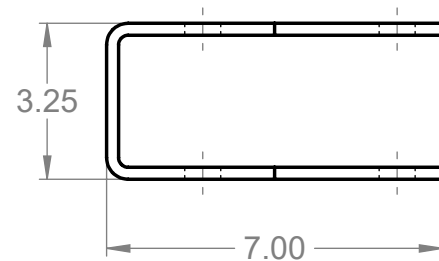
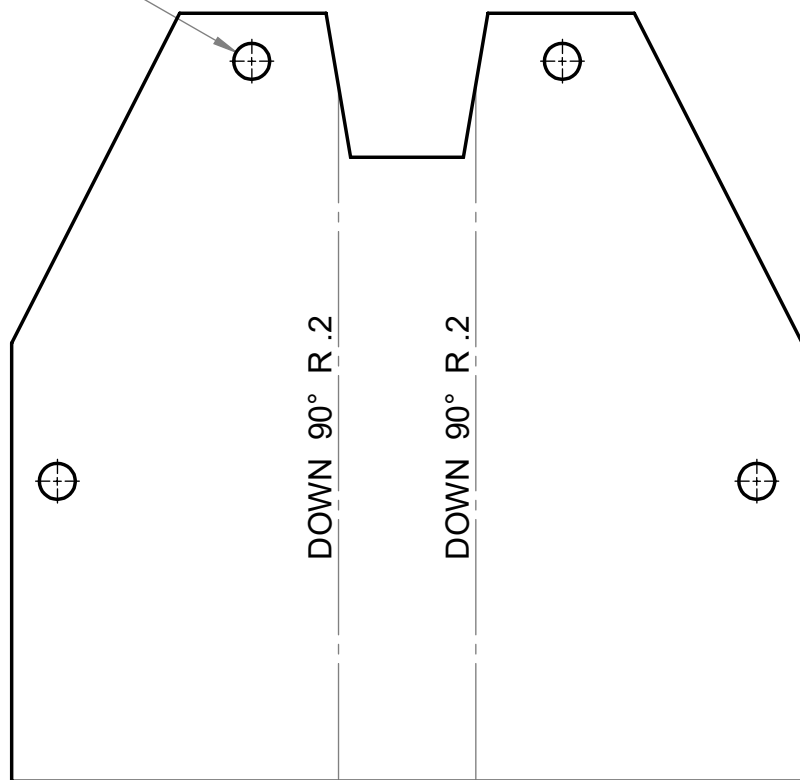
299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

TOWER ASSEMBLY (RIGHT)

SIZE	DRAWING NO	REVISION
B	SA600-02	-
SCALE	1:2	WEIGHT lbs
1 OF 1		

4 X Ø.750



NOTE:

1. THICKNESS IS .25 INCHES
2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC	± 0.2
1 PL DEC	± 0.1
2 PL DEC	± 0.01
3 PL DEC	± 0.005
ANGLES	± .1°
SURFACE ROUGHNESS	125 µ in

THIRD ANGLE PROJECTION



SolidWorks MAINTAINED DATA
CHANGES SHALL BE INCORPORATED
ELECTRONICALLY BY THE DESIGN ACTIVITY

PROPRIETARY

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Conestoga College

CUSTOMER
WHEELCHAIR USER

PROJECT
WHEELCHAIR LIFT

DRAWN BY
K. LEE

DATE
2019. 06. 08

CHECKED BY
K. LEE

DATE
2019. 06. 08

APPROVED
K. LEE

DATE
2019. 06. 08



CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE

TOWER

SIZE

B

DRAWING NO

SCALE

1:4

WEIGHT

lbs

D601

REVISION

-

1 OF 1

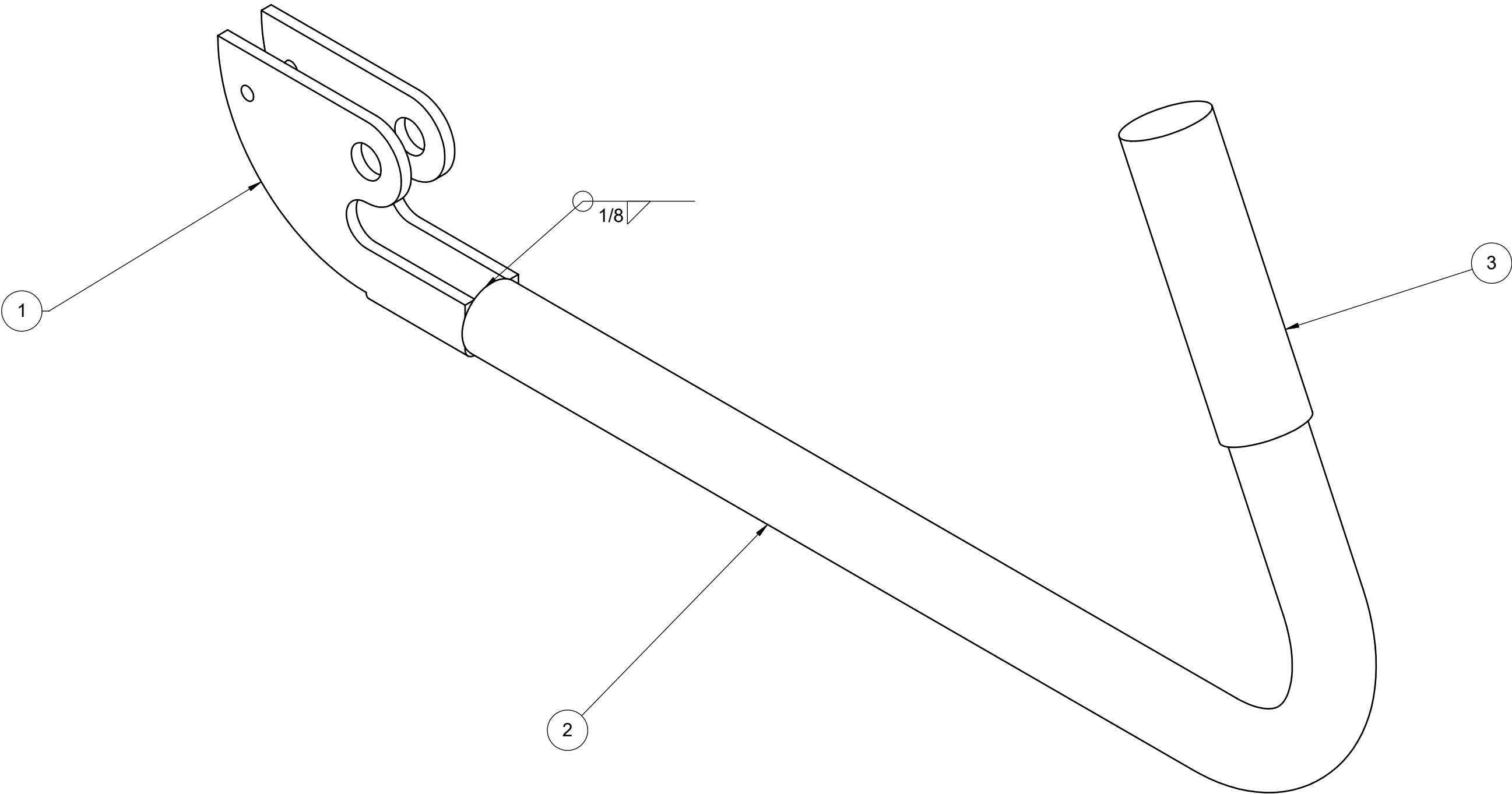
D

C

B

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	D701	HANDRAIL CONNECTOR	1
2	D702	HANDRAIL PIPE	1
3	D703	HANDRAIL RUBBER CAP	1



UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

DIMENSIONS ARE IN INCHES

TOLERANCES APPLY AS SHOWN BELOW

0 PL DEC ± 0.03
1 PL DEC ± 0.02
2 PL DEC ± 0.01
3 PL DEC ± 0.005

ANGLES ± 1°

SURFACE ROUGHNESS 125 µ in

THIRD ANGLE PROJECTION

SolidWorks MAINTAINED DATA. CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY.

PROPRIETARY

NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College.

CUSTOMER: WHEELCHAIR USER

PROJECT: WHEELCHAIR LIFT

DRAWN BY	K. LEE	DATE	2019. 06. 08
CHECKED BY	K. LEE	DATE	2019. 06. 08
APPROVED	K. LEE	DATE	2019. 06. 08

CONESTOGA
Connect Life and Learning

299 Doon Valley Drive, Kitchener, ON, N2G 4M4

TITLE: **HANDRAIL ASSEMBLY**

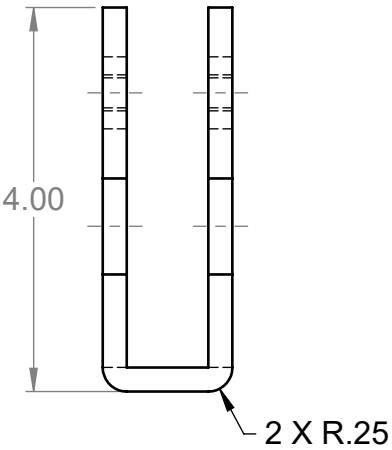
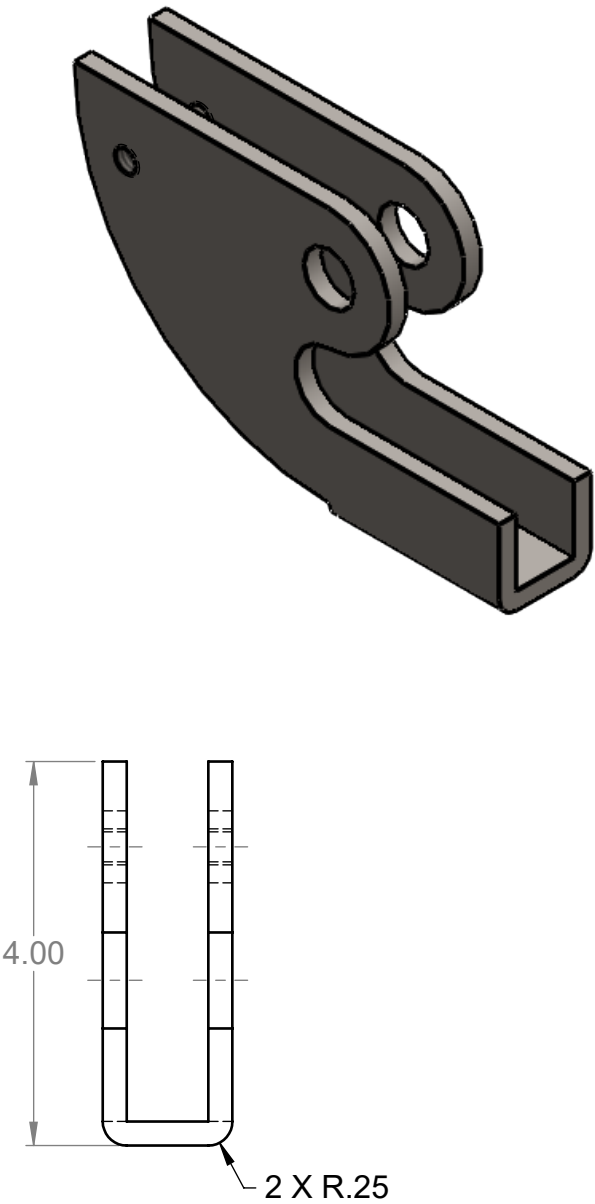
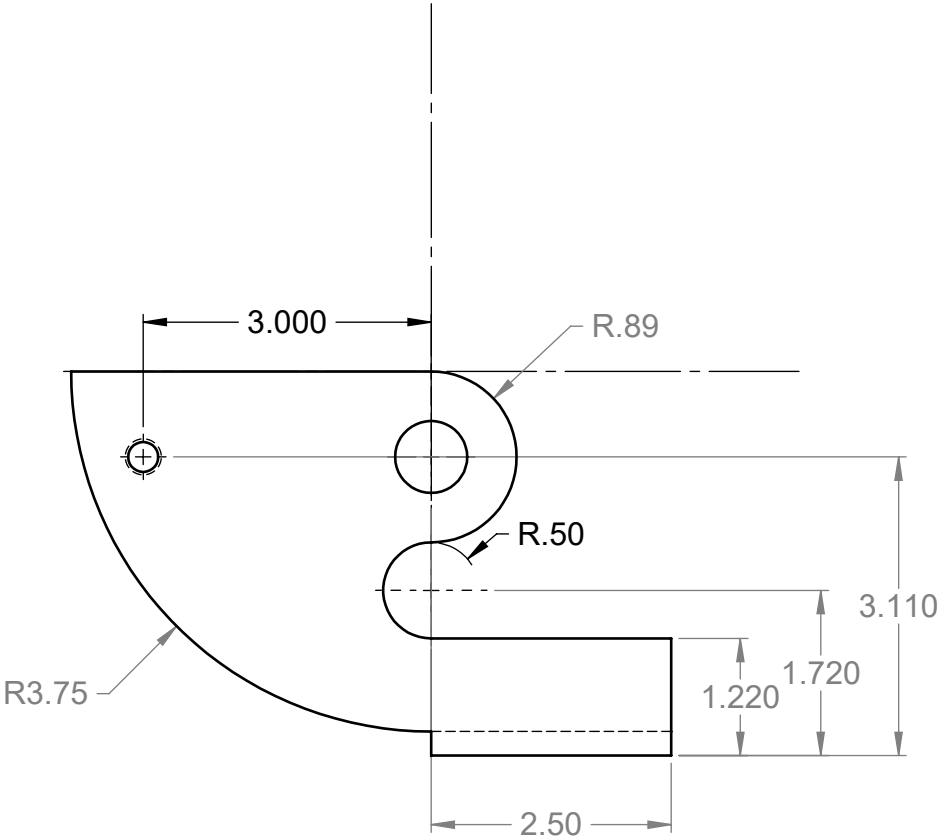
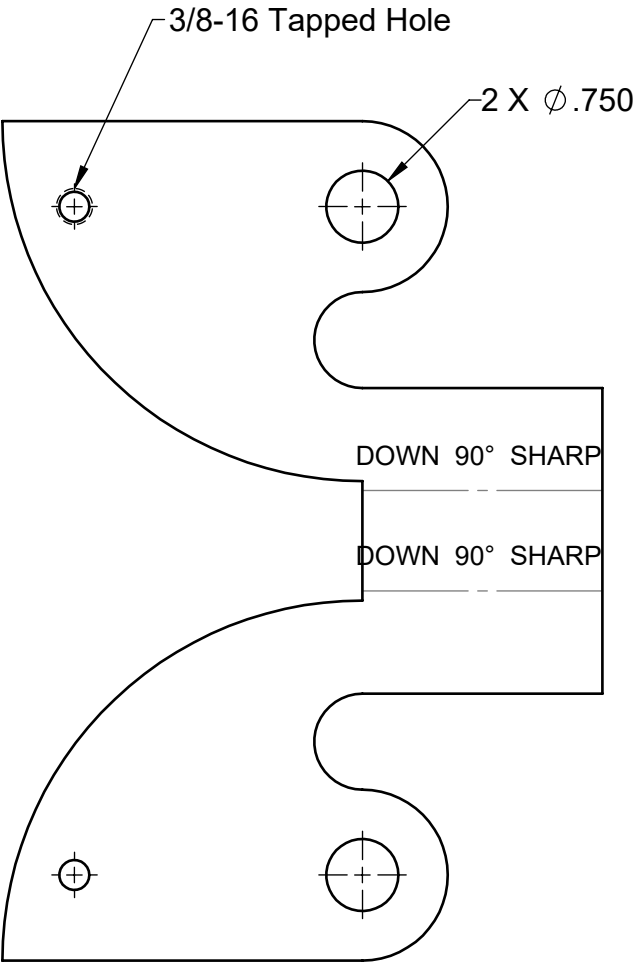
SIZE: C	DRAWING NO: SA700	REVISION: -
SCALE: 1:2	WEIGHT: g	1 OF 1

D



C

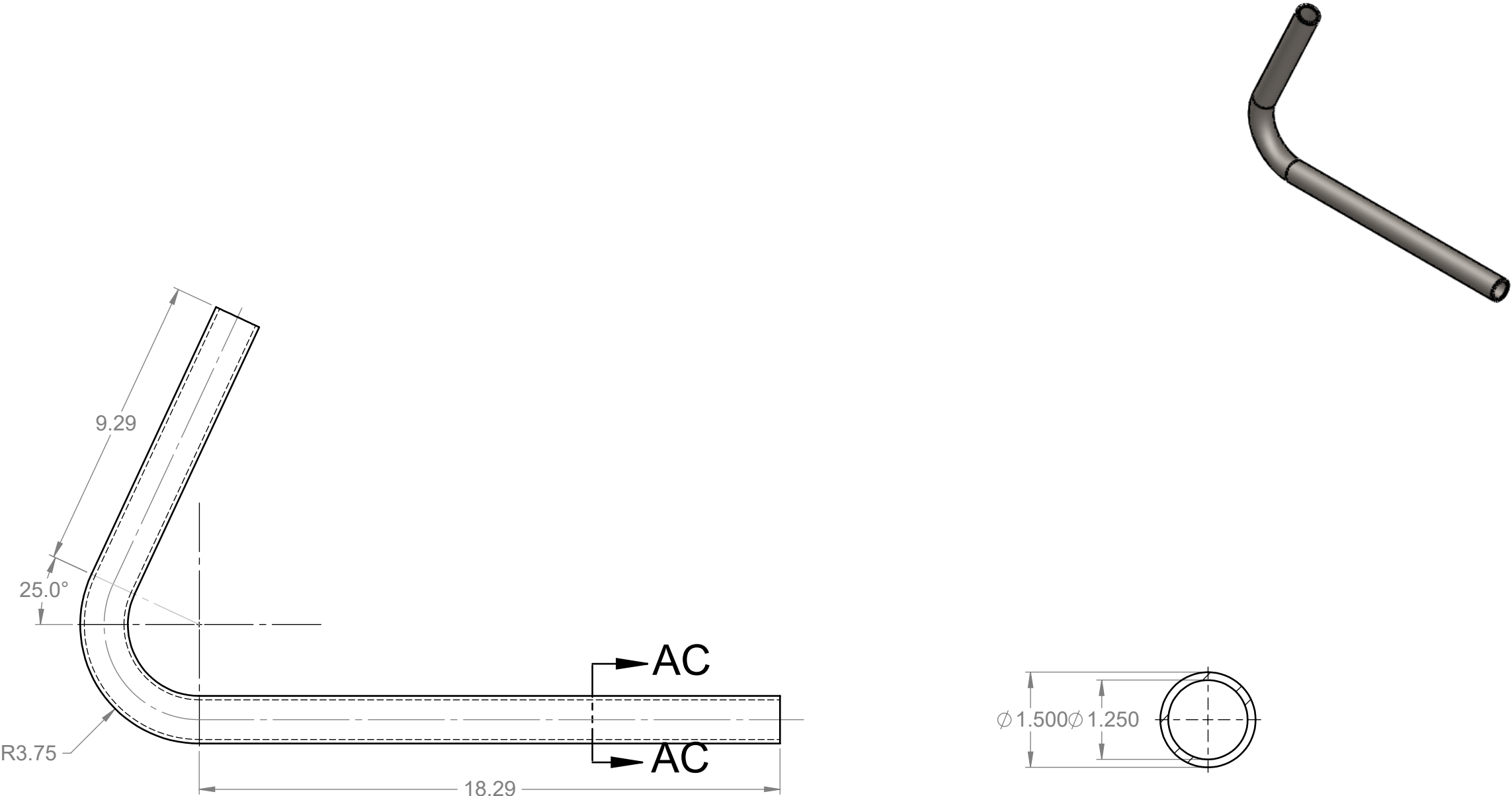
B

A





NOTE:
1. THICKNESS IS .25 INCHES
2. MATERIAL: 1040 ANNEALED

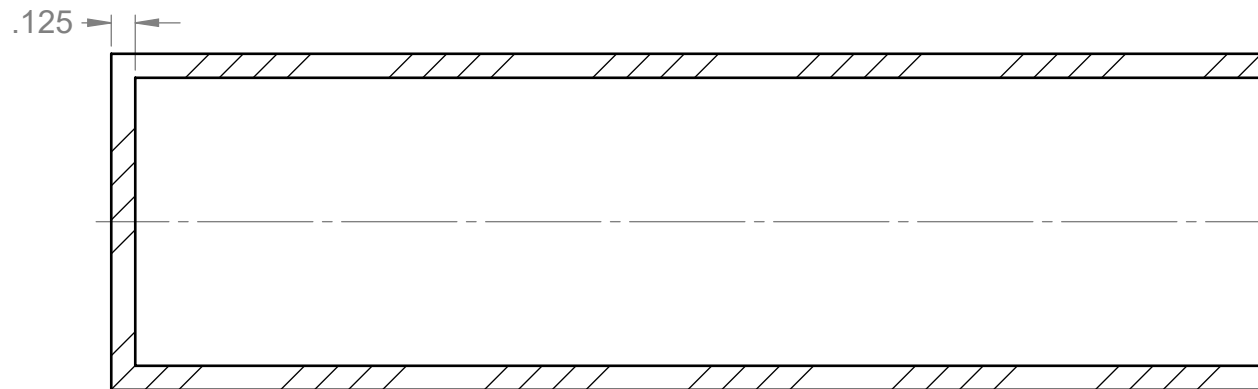
UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College CUSTOMER: WHEELCHAIR USER PROJECT: WHEELCHAIR LIFT		 CONESTOGA Connect Life and Learning 299 Doon Valley Drive, Kitchener, ON, N2G 4M4	
THIRD ANGLE PROJECTION 		DATE 2019. 06. 08 DATE 2019. 06. 08 DATE 2019. 06. 08		TITLE HANDRAIL CONNECTOR	
		SIZE B		DRAWING NO D701	
		SCALE 1:2		WEIGHT lbs	
				1 OF 1	



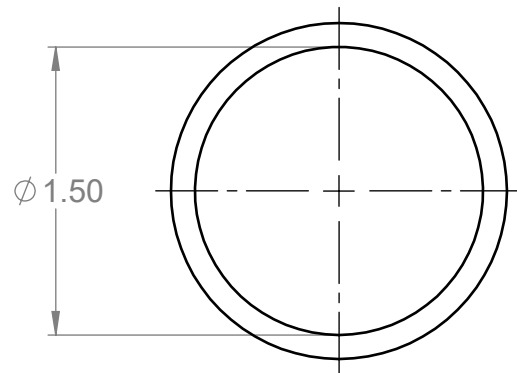
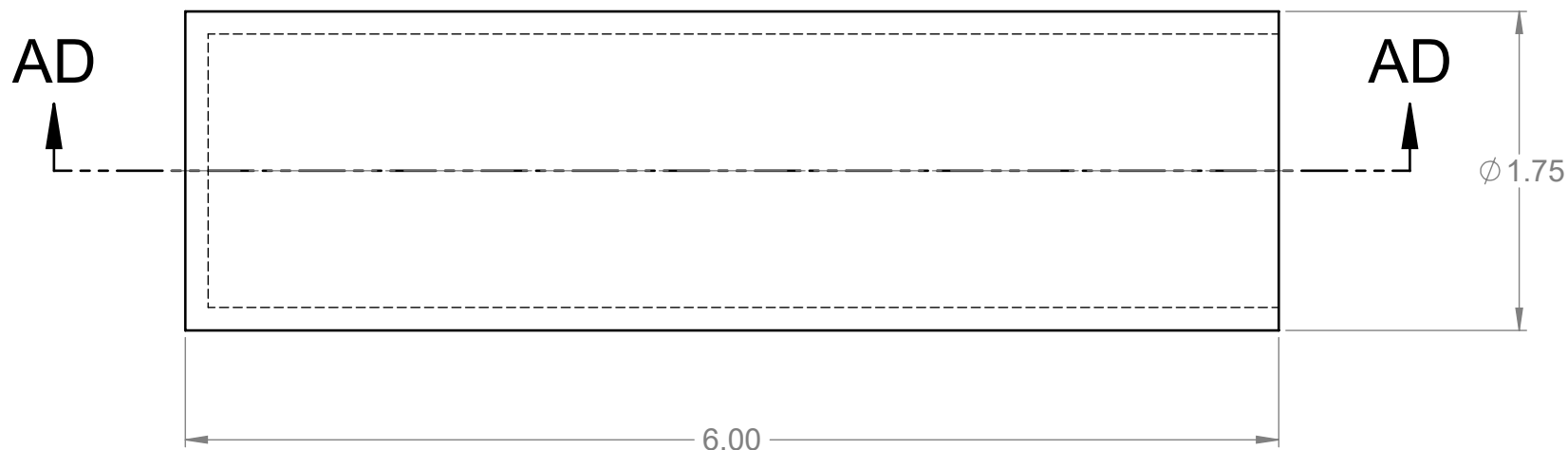
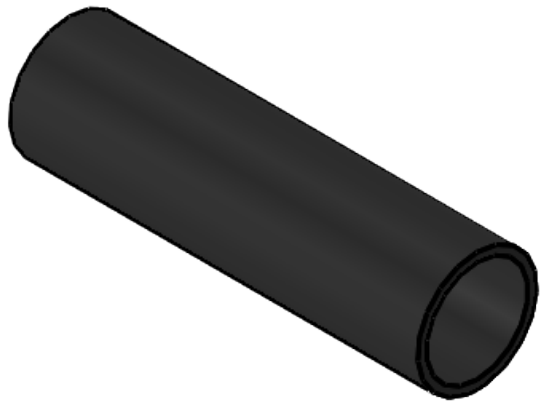
SECTION AC-AC

- NOTE:
- 1. THICKNESS IS .125 INCHES
 - 2. MATERIAL: 1040 ANNEALED


<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 µ in</div>		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div></div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>	
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College			
		CUSTOMER WHEELCHAIR USER		TITLE <div>HANDRAIL PIPE</div>	
		PROJECT WHEELCHAIR LIFT			
<div>THIRD ANGLE PROJECTION</div> <div></div>		SIZE <div>B</div>	DRAWING NO <div>D702</div>		REVISION <div>-</div>
		SCALE 1:4	WEIGHT lbs	1 OF 1	
		APPROVED K. LEE		DATE 2019. 06. 08	

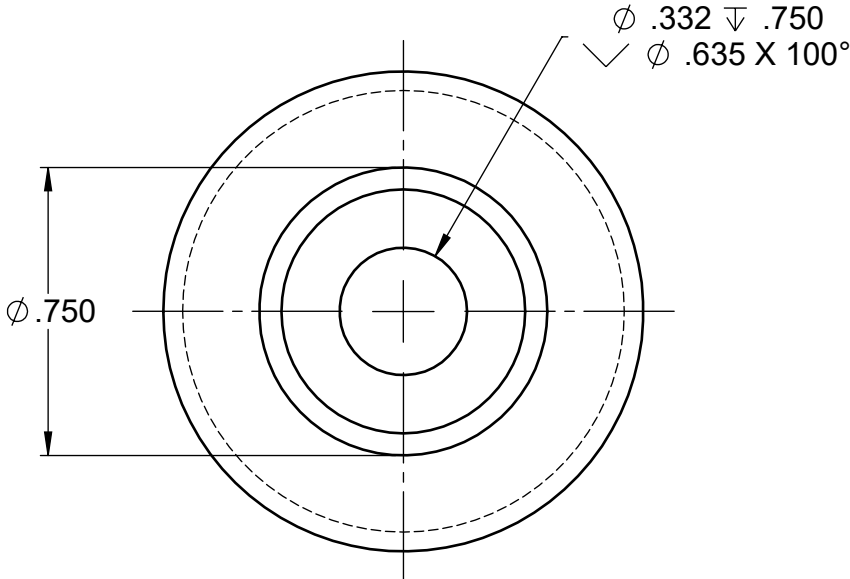
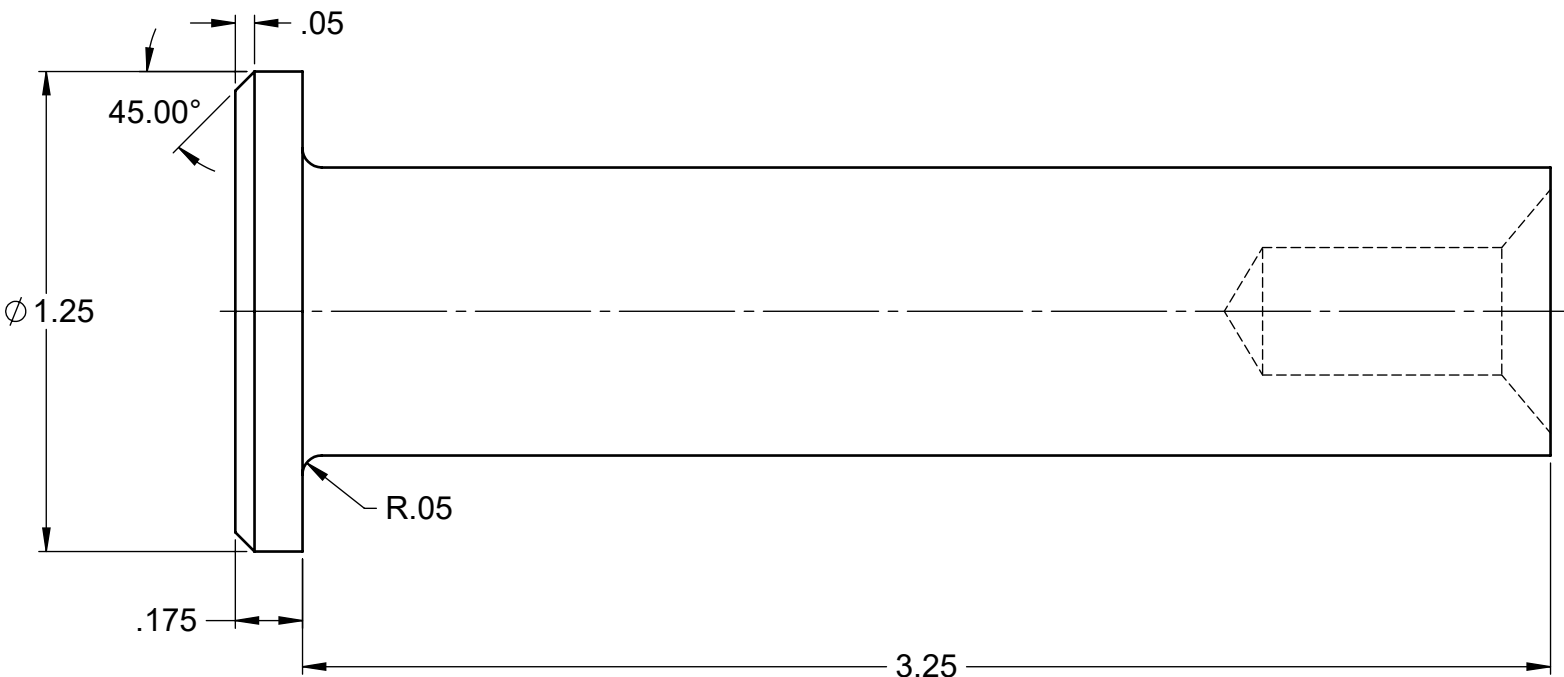
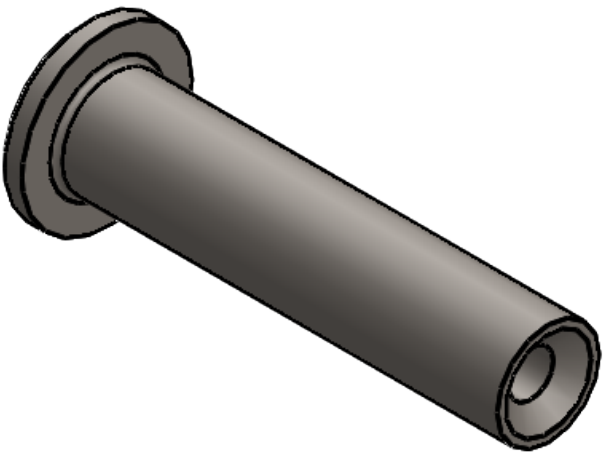


SECTION AD-AD
SCALE 1 : 1





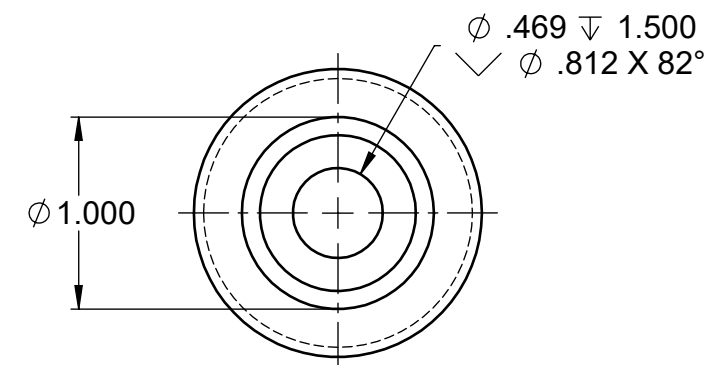
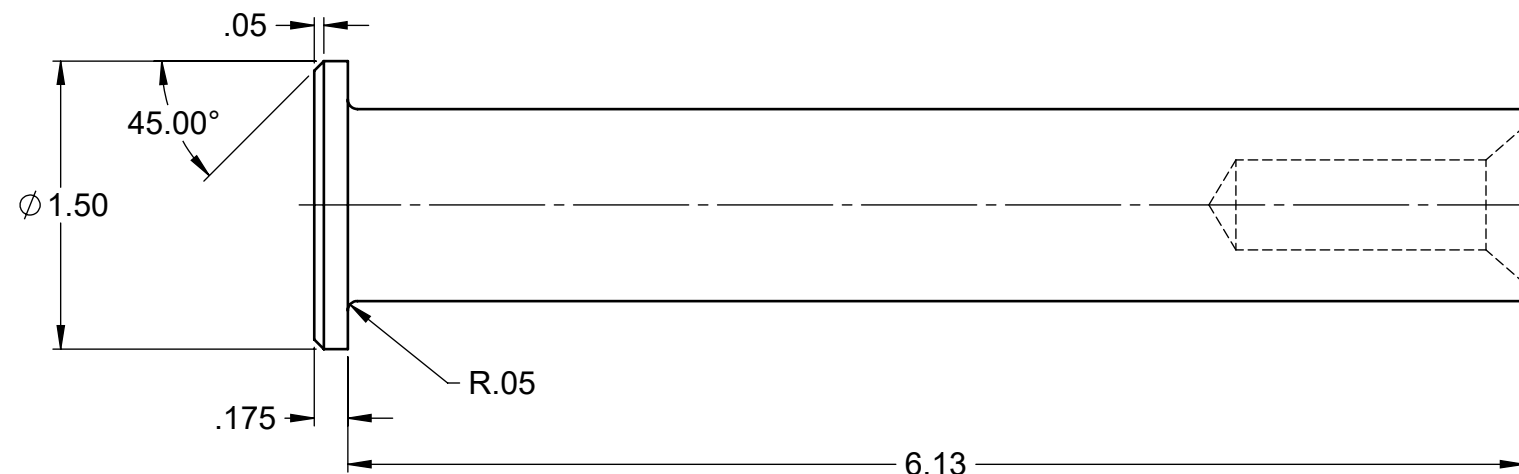
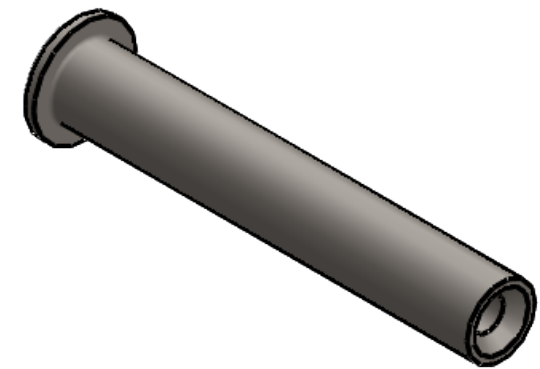
- NOTE:
1. THICKNESS IS .125 INCHES
 2. MATERIAL: RUBBER

<div>UNLESS OTHERWISE SPECIFIED</div> <div>DO NOT SCALE DRAWING</div> <div>INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES APPLY AS SHOWN BELOW</div> <div>0 PL DEC ± 0.2</div> <div>1 PL DEC ± 0.1</div> <div>2 PL DEC ± 0.01</div> <div>3 PL DEC ± 0.005</div> <div>ANGLES ± .1°</div> <div>SURFACE ROUGHNESS 125 μ in</div>		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
		CUSTOMER WHEELCHAIR USER				
		PROJECT WHEELCHAIR LIFT				
<div>THIRD ANGLE PROJECTION</div> <div></div>		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D703	REVISION -
		CHECKED BY K. LEE	DATE 2019. 06. 08			
		APPROVED K. LEE	DATE 2019. 06. 08	SCALE 1:1	WEIGHT lbs	



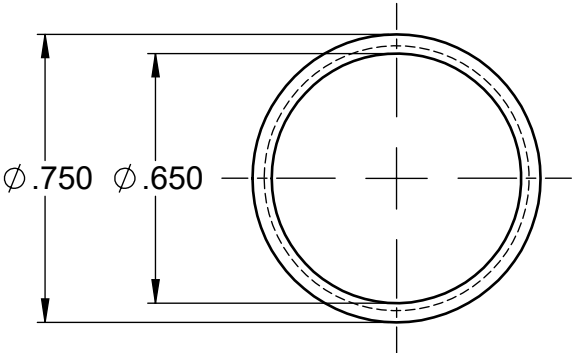
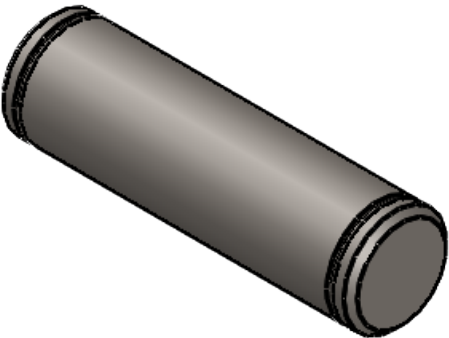
NOTE:
1. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div> CONESTOGA Connect Life and Learning</div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>				
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College						
<div>THIRD ANGLE PROJECTION</div> <div></div>		CUSTOMER WHEELCHAIR USER		<div>TITLE</div> <div>PIN TYPE 1</div>				
		PROJECT WHEELCHAIR LIFT						
		DRAWN BY K. LEE				SIZE B	DRAWING NO D801	REVISION -
		CHECKED BY K. LEE						
APPROVED K. LEE		DATE 2019. 06. 08		SCALE 2:1		WEIGHT lbs	1 OF 1	



NOTE:
1. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in	SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>			
	PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College					
	CUSTOMER WHEELCHAIR USER		TITLE <div>PIN TYPE 2</div>			
	PROJECT WHEELCHAIR LIFT					
THIRD ANGLE PROJECTION <div><div><div></div><div></div></div><div></div></div>	DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE <div>B</div>	DRAWING NO <div>D802</div>	REVISION <div>-</div>	
	CHECKED BY K. LEE	DATE 2019. 06. 08				
	APPROVED K. LEE	DATE 2019. 06. 08	SCALE 1:1	WEIGHT lbs	1 OF 1	



- NOTE:
- 1. THE PART IS SYMMETRICAL
 - 2. MATERIAL: 1040 ANNEALED

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 0 PL DEC ± 0.2 1 PL DEC ± 0.1 2 PL DEC ± 0.01 3 PL DEC ± 0.005 ANGLES ± .1° SURFACE ROUGHNESS 125 µ in		SolidWorks MAINTAINED DATA CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN ACTIVITY		<div><div>C</div><div>CONESTOGA</div><div>Connect Life and Learning</div></div> <div>299 Doon Valley Drive, Kitchener, ON, N2G 4M4</div>		
		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF Conestoga College				
		CUSTOMER WHEELCHAIR USER				
		PROJECT WHEELCHAIR LIFT				
THIRD ANGLE PROJECTION 		DRAWN BY K. LEE	DATE 2019. 06. 08	SIZE B	DRAWING NO D803	REVISION -
		CHECKED BY K. LEE	DATE 2019. 06. 08			
		APPROVED K. LEE	DATE 2019. 06. 08	SCALE 2:1	WEIGHT lbs	1 OF 1