

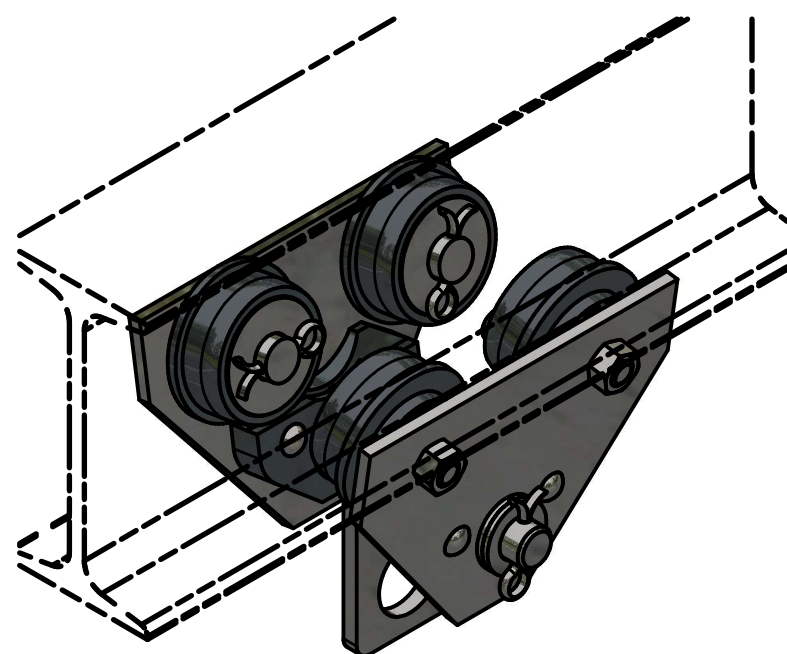


DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

PARTS LIST

ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	2	SIDE PLATE SUB ASSEMBLY		
1.1	1	SIDE PLATE	MILD STEEL	
1.2	1	GUIDE	CAST IRON	
1.3	2	RIVET	STANDARD	BUTTON HEAD, Ø10 X 60 LONG
2	1	AXLE	COLD ROLLED STEEL	
3	1	HOOK	MILD STEEL	10 THICK
4	44	ROLLER BEARING	COLD ROLLED STEEL	Ø10 X 38 LONG
5	4	WHEEL	CAST IRON	
6	4	WHEEL AXLE	COLD ROLLED STEEL	
7	12	ADJUSTING WASHER	STANDARD	Ø26ID X 44OD X 4 THICK
8	4	WHASER	STANDARD	Ø26ID X 65OD X 3 THICK
9	4	LOCKNUT	STANDARD	M16 x 2 (PREVAILIGN TORQUE INSERT TYPE)
10	6	COTTER PIN	STANDARD	Ø6 X 40 LONG

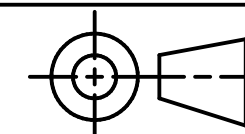


TROLLEY ASSEMBLY
SCALE 1 / 4

METRIC

LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
XX = ±.25
XXX = ±.12
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

DATE: 12/14/2023

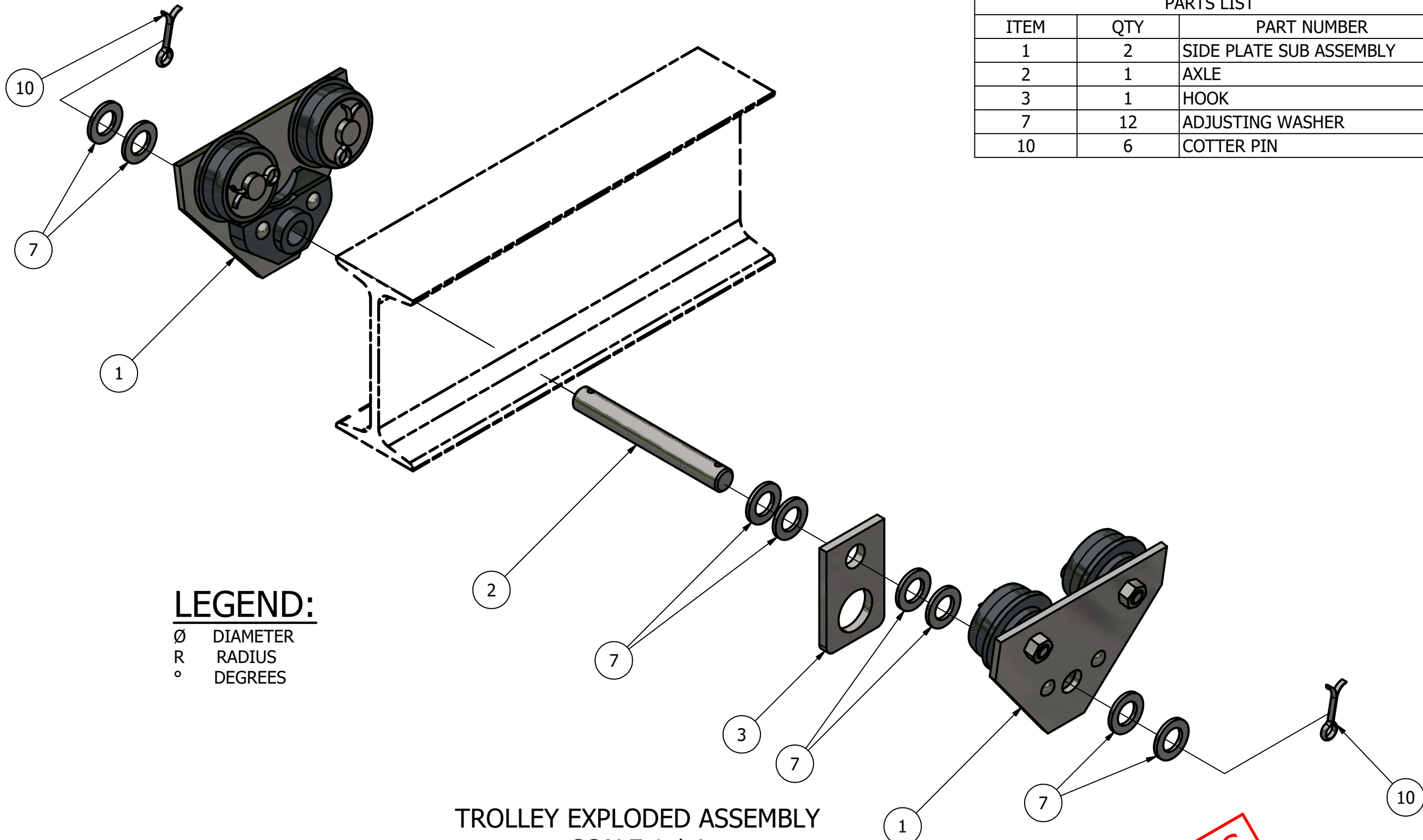
SCALE: AS NOTED

PAGE #: 1 OF 6

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN S200 X 34 BEAM

ALL CHAMFERS ARE 2 X 2 UNLESS OTHERWISE NOTED



PARTS LIST		
ITEM	QTY	PART NUMBER
1	2	SIDE PLATE SUB ASSEMBLY
2	1	AXLE
3	1	HOOK
7	12	ADJUSTING WASHER
10	6	COTTER PIN

LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES

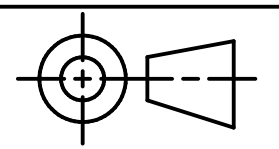
TROLLEY EXPLODED ASSEMBLY
SCALE 1 / 4

METRIC



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

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ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

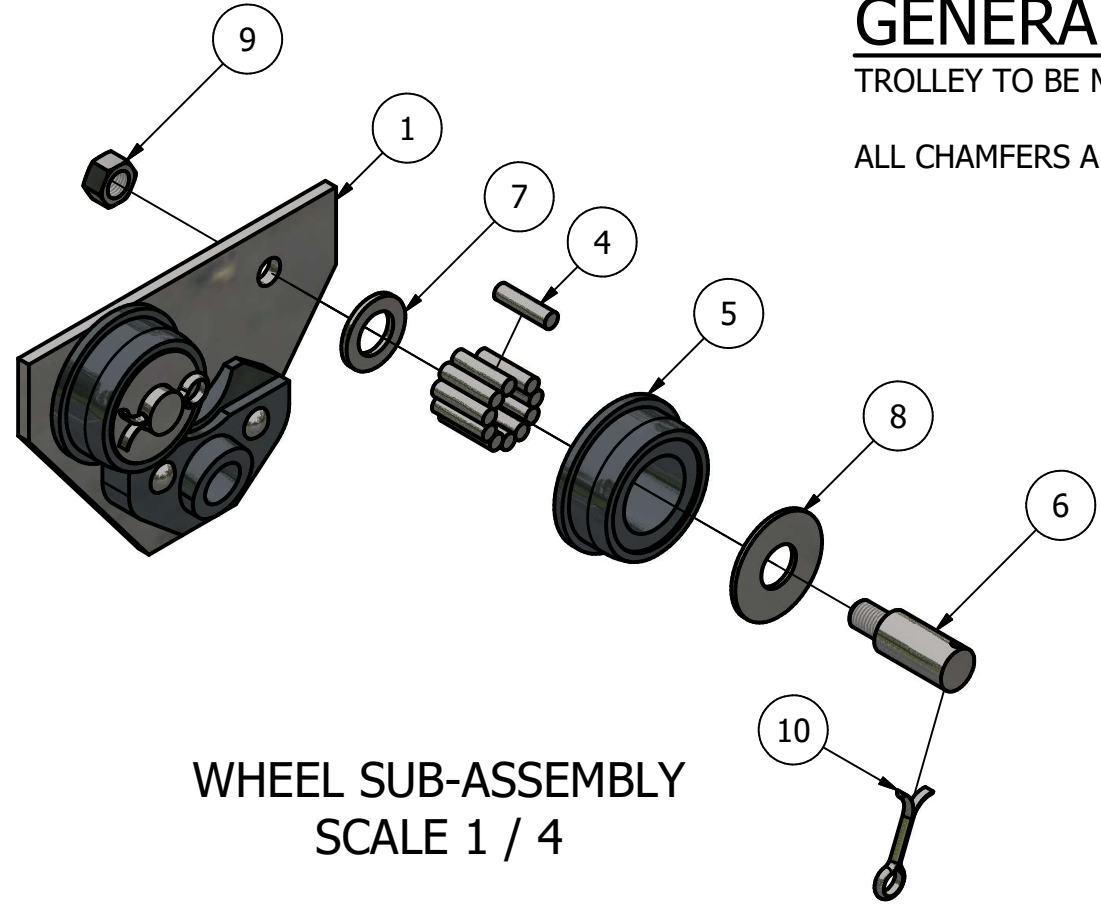
MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

DATE: 12/14/2023

SCALE: AS NOTED

PAGE #: 2 OF 6

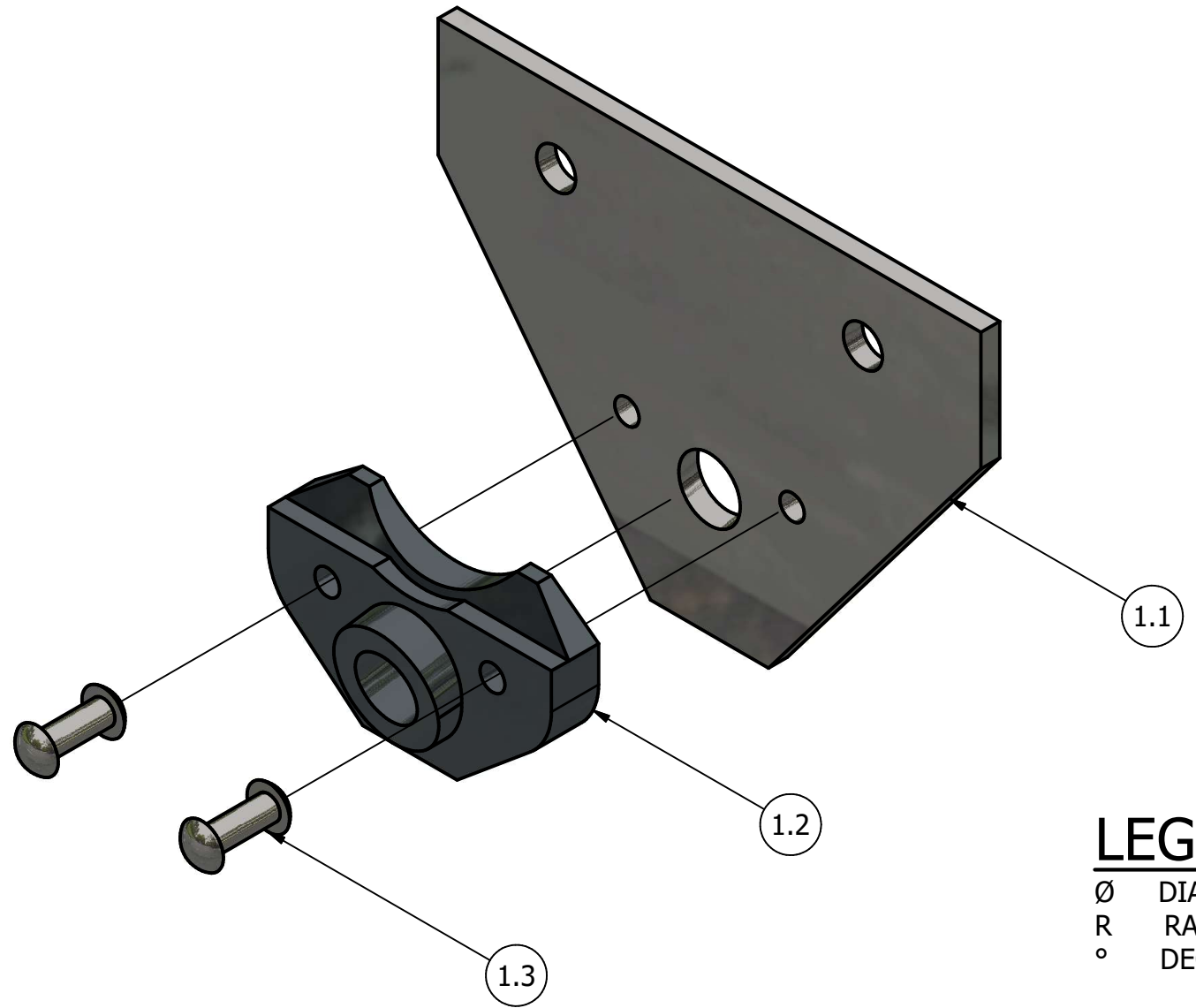


WHEEL SUB-ASSEMBLY
SCALE 1 / 4

METRIC

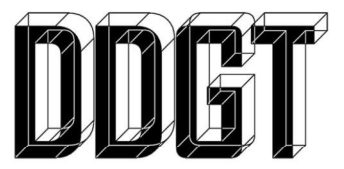
GENERAL NOTES:
TROLLEY TO BE MOUNTED ON AN S200 X 34 BEAM
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PARTS LIST		
ITEM	QTY	PART NUMBER
1	2	SIDE PLATE SUB ASSEMBLY
1.1	1	SIDE PLATE
1.2	1	GUIDE
1.3	2	RIVET
4	44	ROLLER BEARING
5	4	WHEEL
6	4	WHEEL AXLE
7	12	ADJUSTING WASHER
8	4	WHASER
9	4	LOCKNUT
10	6	COTTER PIN



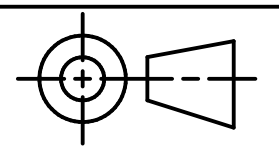
SIDE PLATE SUB-ASSEMBLY
SCALE 1 / 2

LEGEND:
 Ø DIAMETER
 R RADIUS
 ° DEGREES



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

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CLASS: DDGT 120

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INVENTOR DRAWING NAME:
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FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

DATE: 12/14/2023

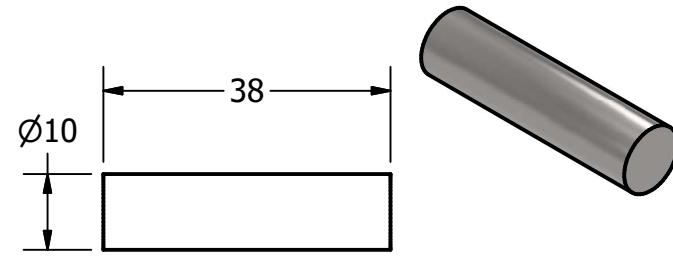
SCALE: AS NOTED

PAGE #: 3 OF 6

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN S200 X 34 BEAM

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ROLLER BEARING
SCALE 1 : 1

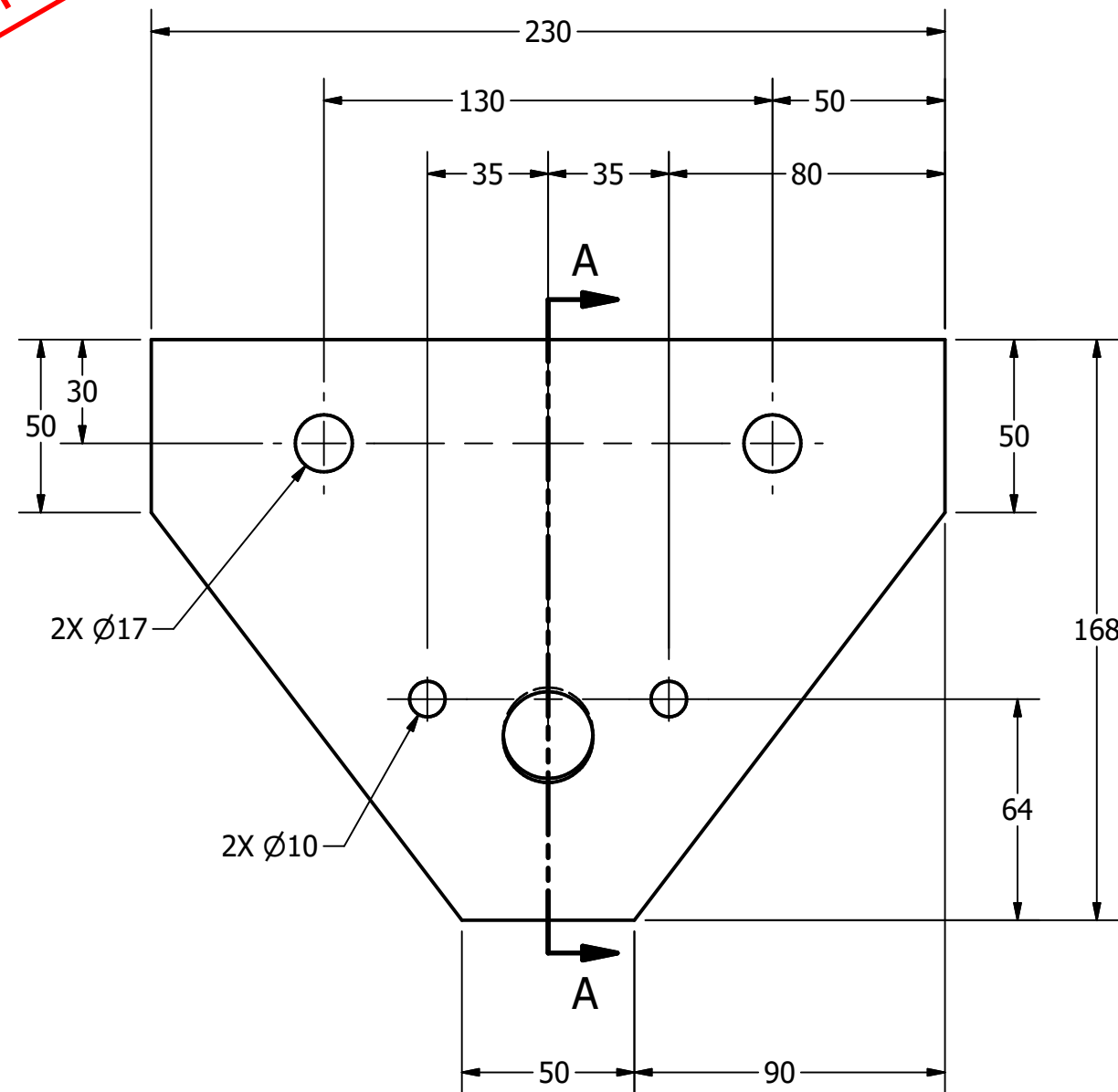
PARTS LIST		
ITEM	QTY	PART NUMBER
1.1	2	SIDE PLATE
4	44	ROLLER BEARING



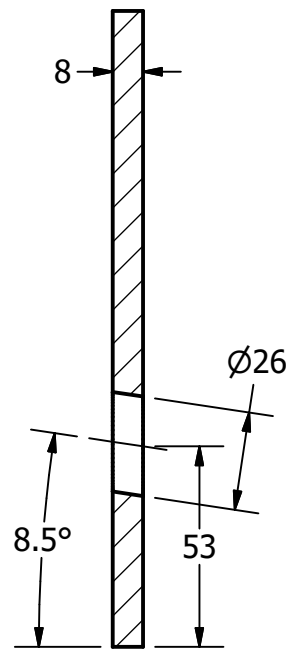
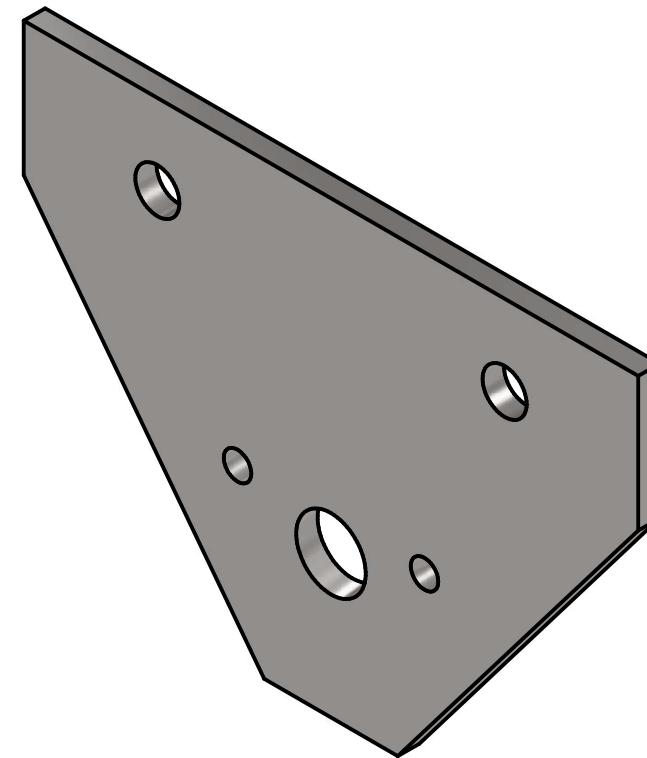
DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

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METRIC



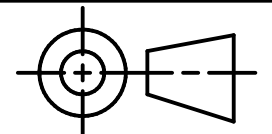
SIDE PLATE
SCALE 1 / 2



SECTION A-A
SCALE 1 / 2

LEGEND:

- Ø DIAMETER
- R RADIUS
- ° DEGREES



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SURFACES ³² ✓

CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

DATE: 12/14/2023

SCALE: AS NOTED

PAGE #: 4 OF 6

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN S200 X 34 BEAM

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METRIC

PARTS LIST		
ITEM	QTY	PART NUMBER
1.2	2	GUIDE
2	1	AXLE

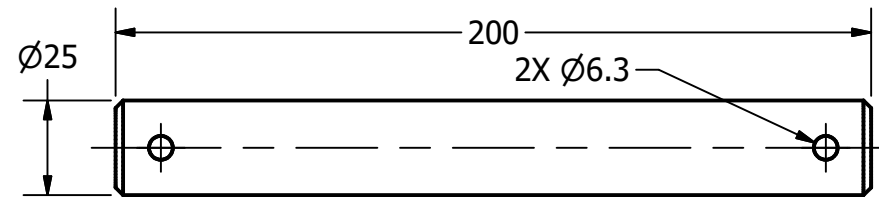


DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

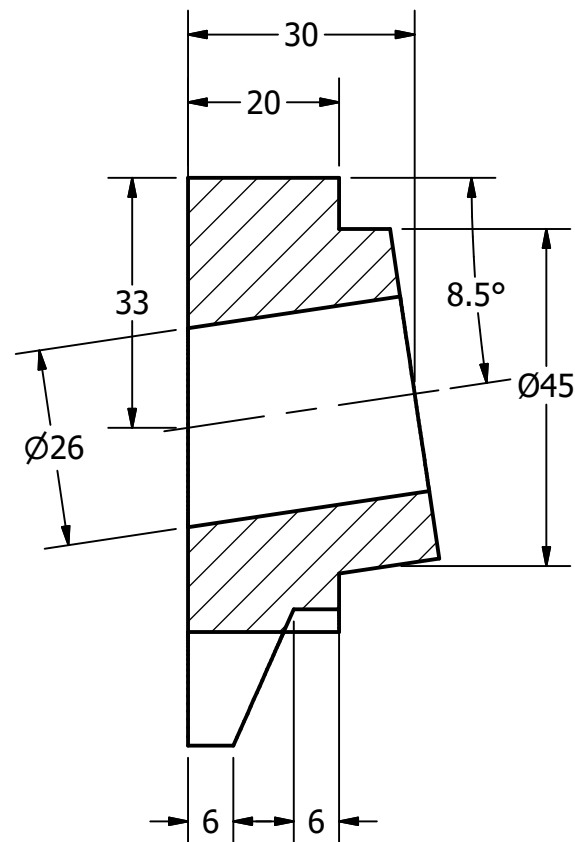
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LEGEND:

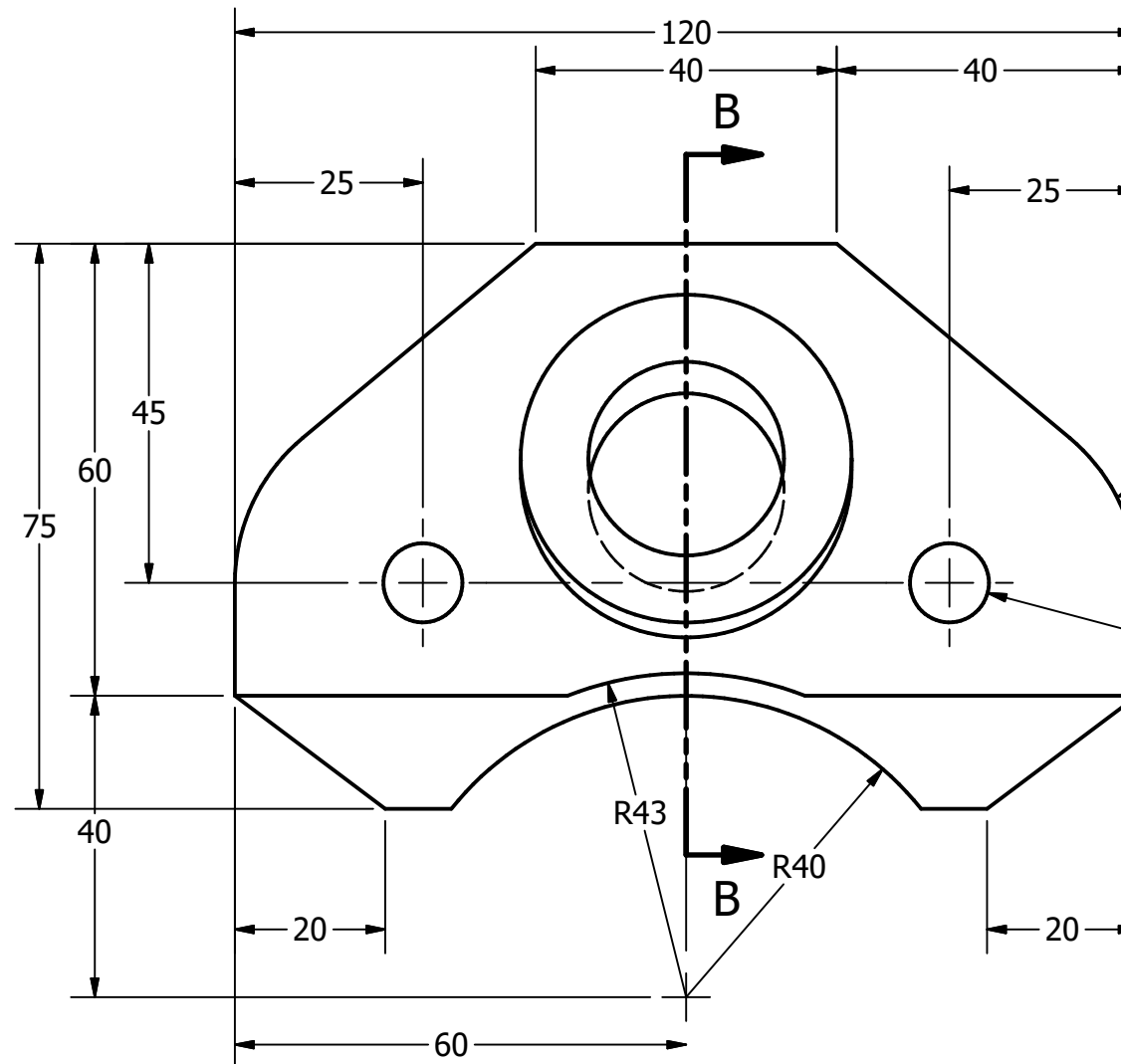
∅ DIAMETER
R RADIUS
° DEGREES



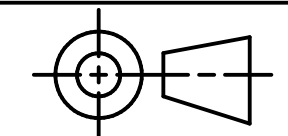
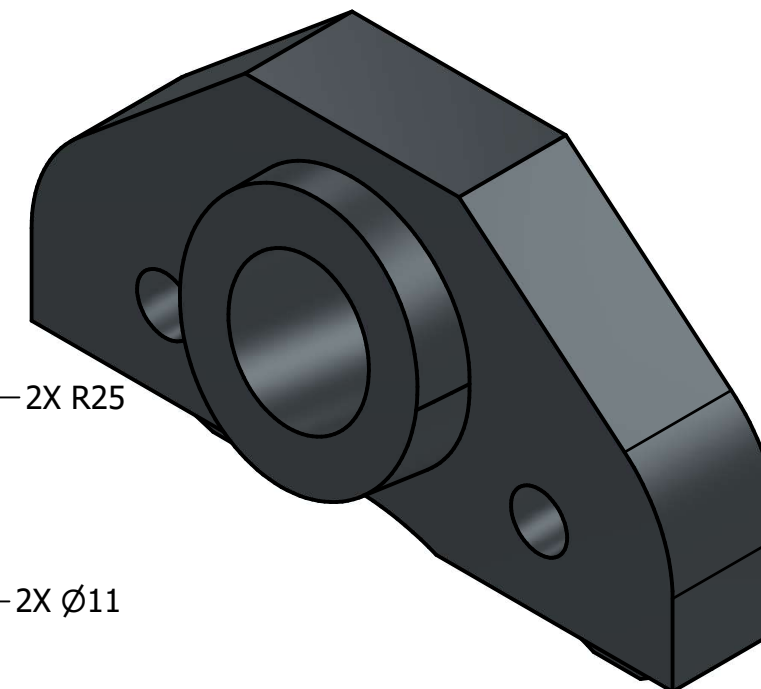
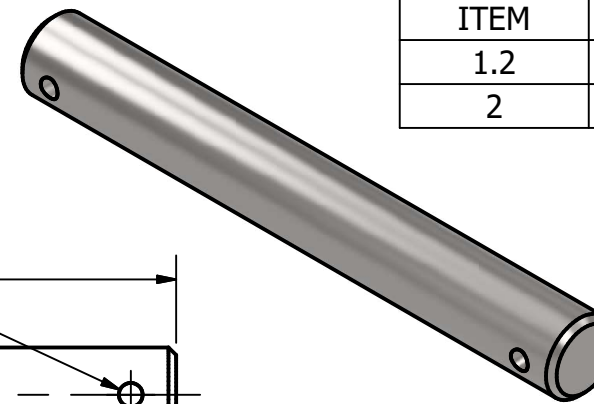
AXLE
SCALE 1 / 2



SECTION B-B
SCALE 1 : 1



GUIDE
SCALE 1 : 1



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CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

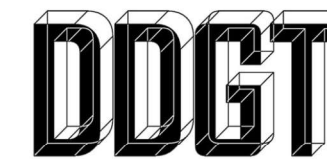
DATE: 12/14/2023

SCALE: AS NOTED

PAGE #: 5 OF 6

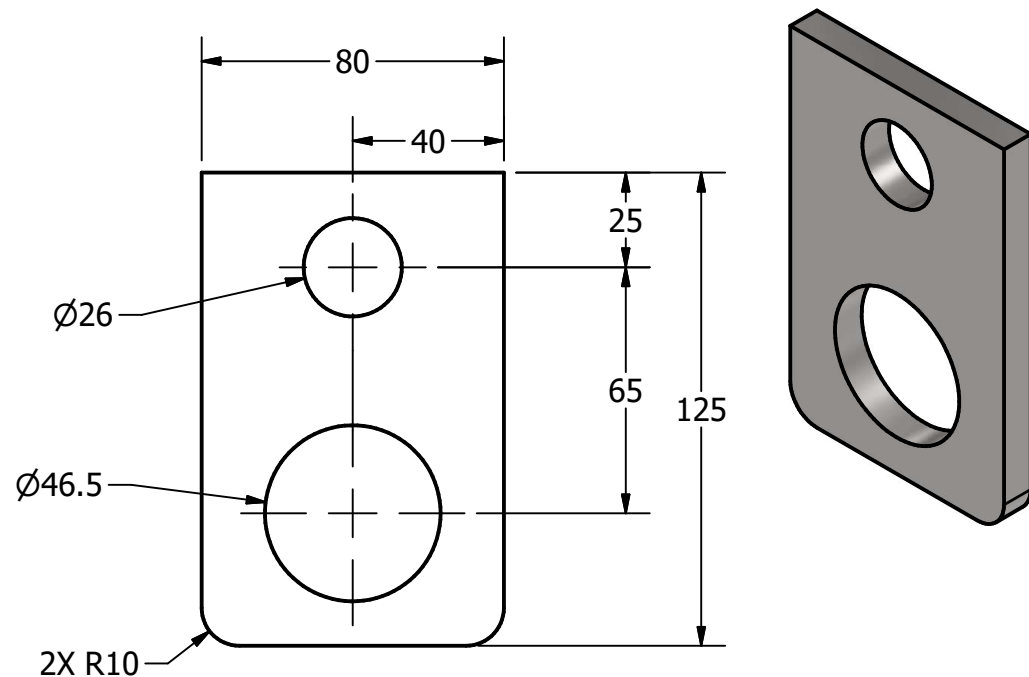
PARTS LIST

ITEM	QTY	PART NUMBER
3	1	HOOK
5	4	WHEEL
6	4	WHEEL AXLE



DIGITAL DESIGN
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HOOK
SCALE 1 / 2

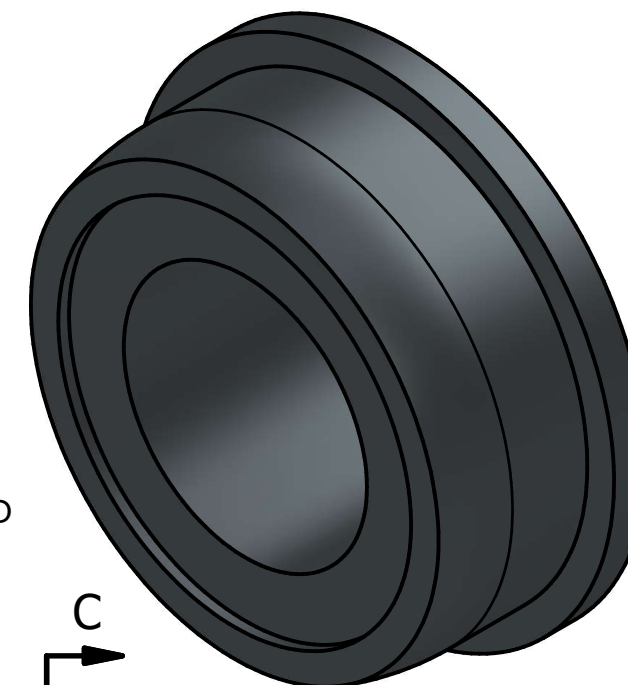
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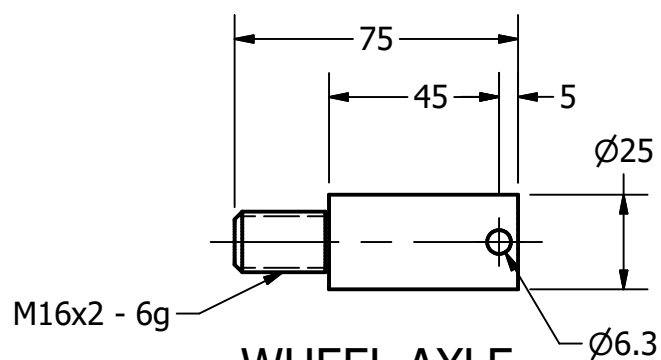
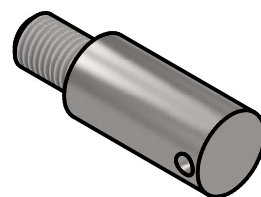
GENERAL NOTES:

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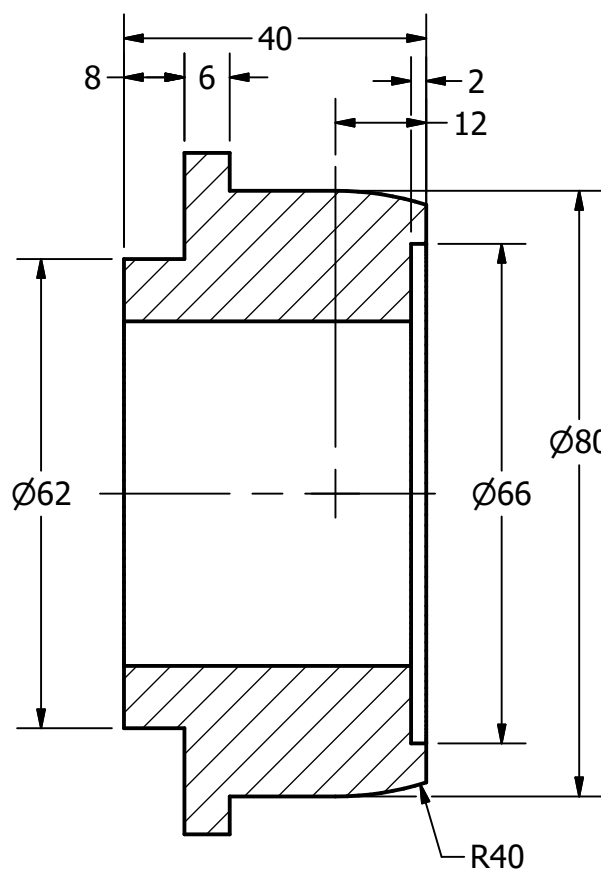
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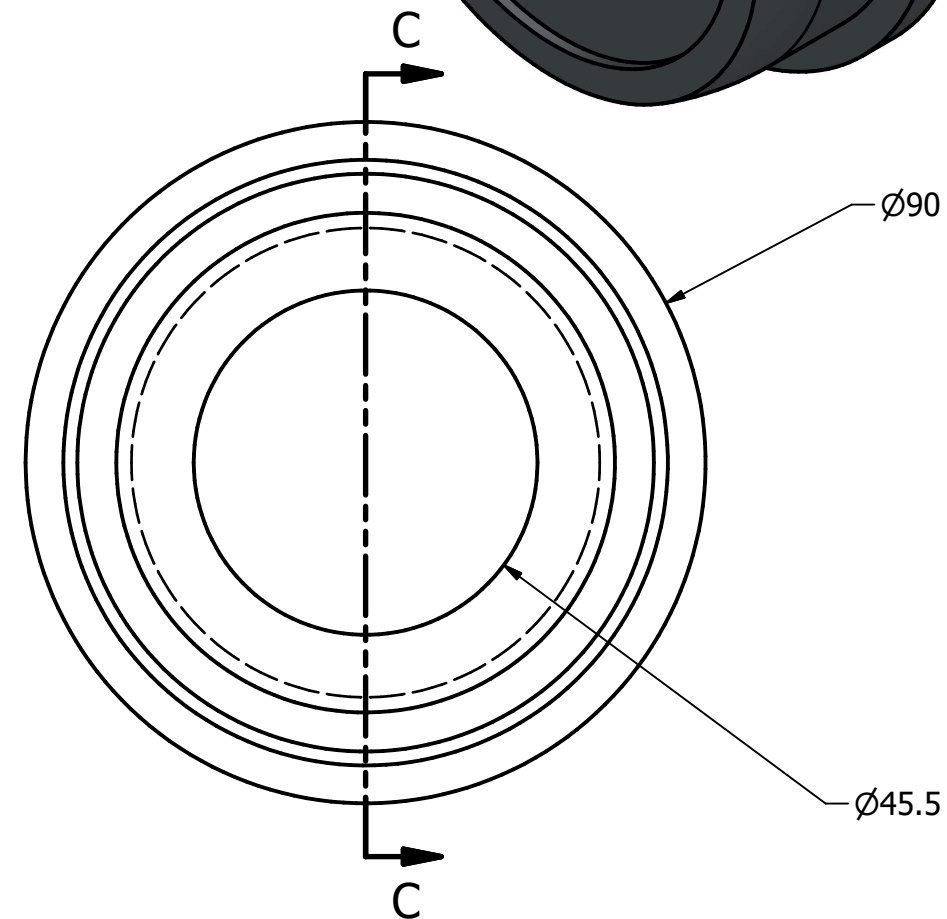
METRIC



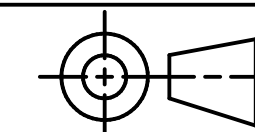
WHEEL AXLE
SCALE 1 / 2



SECTION C-C
SCALE 1 : 1



WHEEL
SCALE 1 : 1



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TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: LRAMIREZSOTO

DATE: 12/14/2023

SCALE: AS NOTED

PAGE #: 6 OF 6