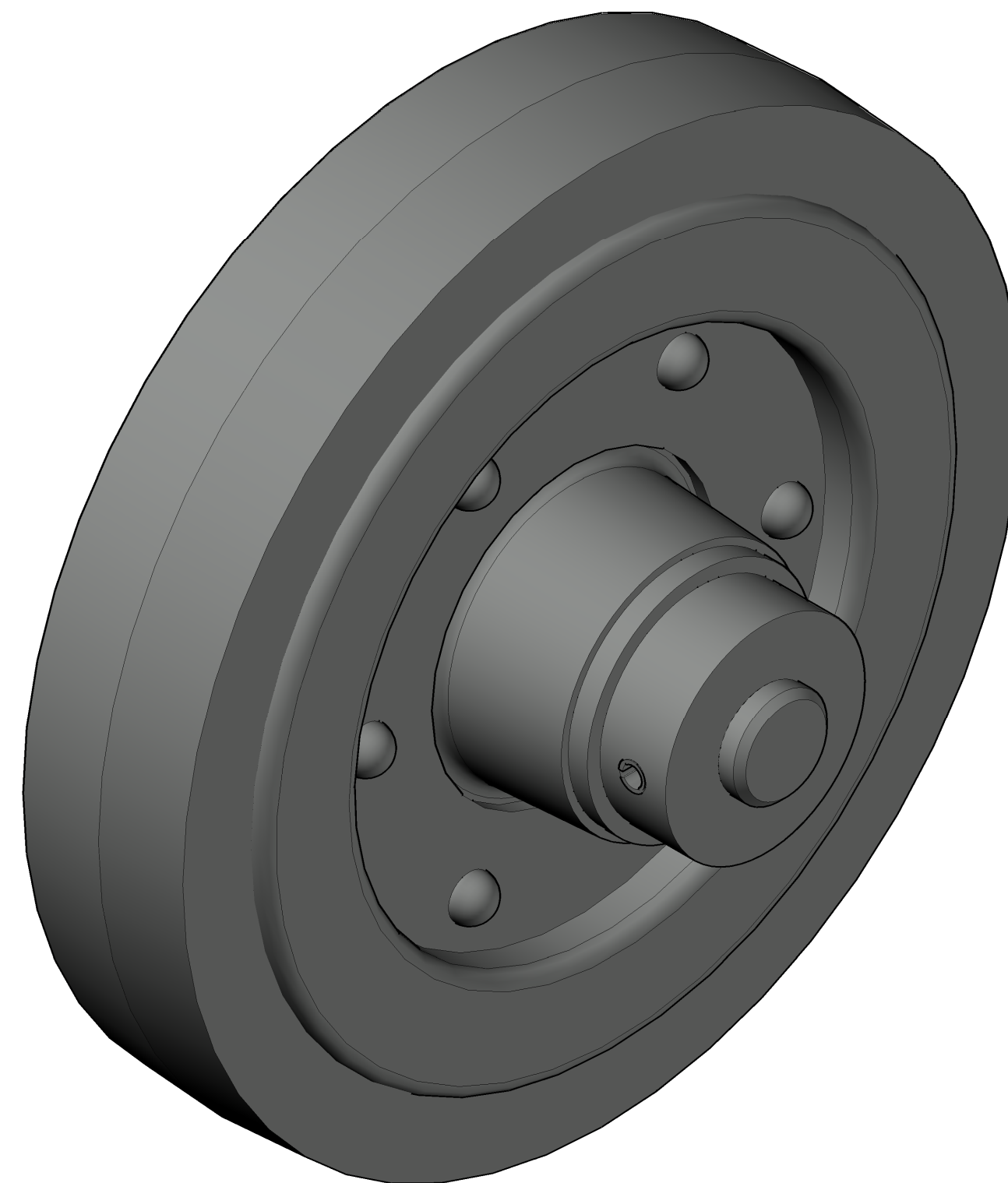
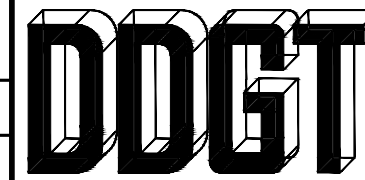


WHEEL ASSEMBLY
SCALE 1:1



WHEEL ASSEMBLY (ALT VIEW)
SCALE 1:1

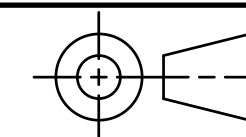
PARTS LIST				
ITEM	QTY.	PART NAME	MATERIAL	DESCRIPTION
1	1	AXLE	STEEL	
2	1	BUSHING	BRONZE	OILLESS
3	1	HUB	ALUMINUM	
4	1	COLLAR	ALUMINUM	
5	2	PANEL RING	ALUMINUM	.12" UNIFORM THICKNESS
6	1	WHEEL	HARD RUBBER	
7	6	RIVETS	STANDARD	Ø.31", 1.00" INSIDE LENGTH
8	2	WASHERS	STANDARD	I.D. 1.00", O.D. 2.12", .18" THICK
9	1	SPRING PIN	STANDARD	Ø.25", 1.875" LONG



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

GENERAL NOTES:
ALL FILLETS HAVE R.12" UNLESS OTHERWISE NOTED
ALL CHAMFERS ARE .06" X 45° UNLESS OTHERWISE NOTED



TOLERANCES UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32

REV #	DATE	DESCRIPTION	APPROVED BY	PAGE #
3	2/20/2024	INSIDE DIAMETER OF PANEL RING CHANGED FROM Ø2.80" TO Ø2.70"	G.STROMMEN	3
2	2/20/2024	FOR PARTS, "BRACKET" AND "HUB", RIVET HOLE PATTERN DIAMETER CHANGED FROM Ø3.50" TO Ø3.94"	G.STROMMEN	3
1	2/20/2024	ON PART "WHEEL" TAPER ANGLE CHANGED FROM 5° TO 3.5°	G. STROMMEN	3

REVISIONS TABLE

CLASS: DDGT121

ASSIGNMENT NO.: 09

AUTOCAD DRAWING NAME: WHEEL ASSEMBLY

FIG NO.: 11-55

MANAGER: G. STROMMEN

DRAFTER: T. VIDALES

DATE: 2.18.2024

SCALE: AS NOTED

PAGE NO.: 1 OF 3



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

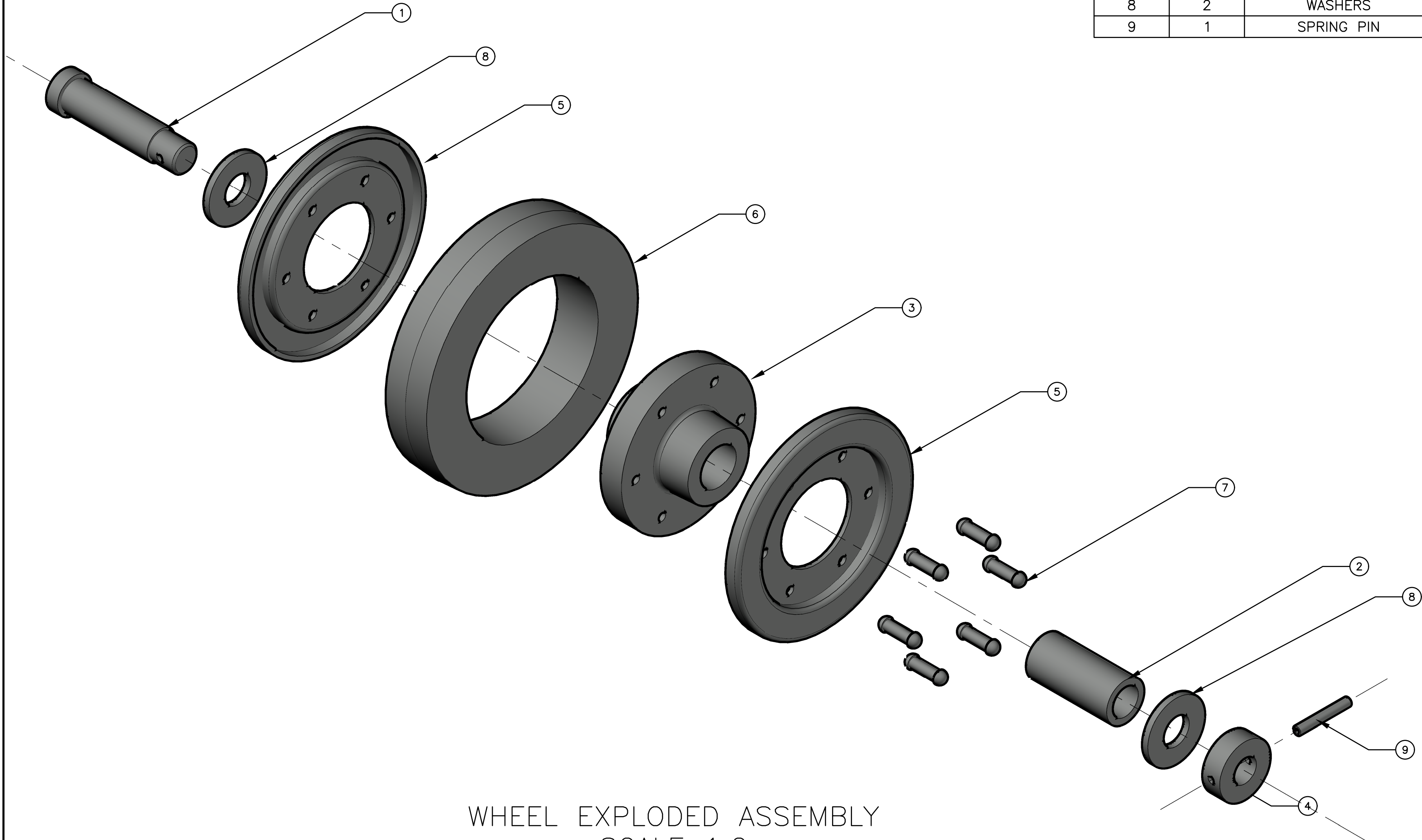
GENERAL NOTES:
ALL FILLETS HAVE
R.12" UNLESS
OTHERWISE NOTED
ALL CHAMFERS ARE
.06" X 45° UNLESS
OTHERWISE NOTED

PARTS LIST

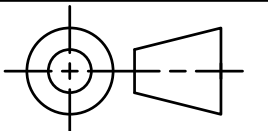
ITEM	QTY.	PART NAME
1	1	AXLE
2	1	BUSHING
3	1	HUB
4	1	COLLAR
5	2	PANEL RING
6	1	WHEEL
7	6	RIVETS
8	2	WASHERS
9	1	SPRING PIN

LEGEND

∅ DIAMETER
R RADIUS
• DEGREES



WHEEL EXPLODED ASSEMBLY
SCALE 1:2



TOLERANCES UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32/

CLASS: DDGT121

ASSIGNMENT NO.: 09

AUTOCAD DRAWING NAME:
WHEEL ASSEMBLY

FIG NO.: 11-55

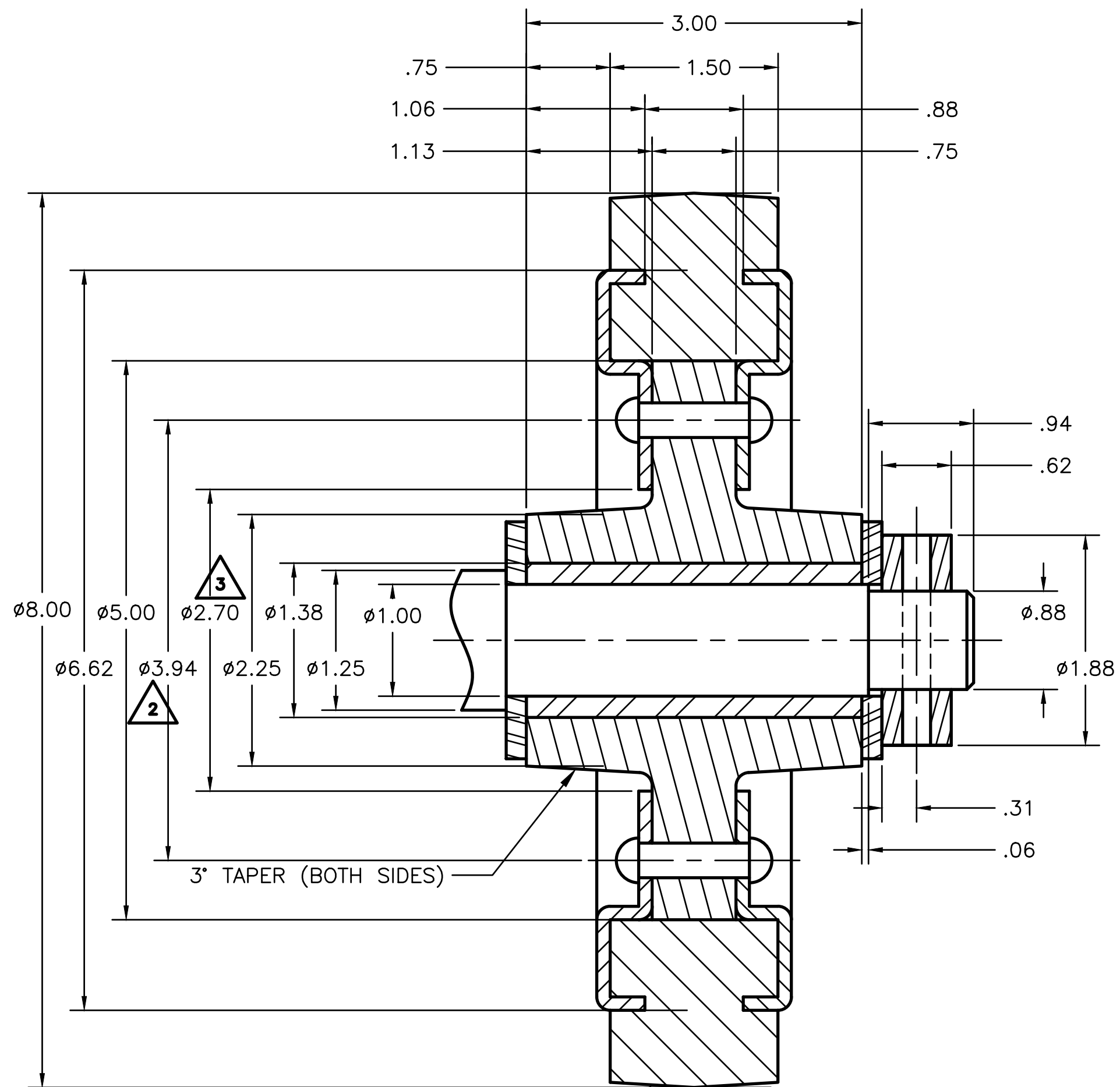
MANAGER: G. STROMMEN

DRAFTER: T. VIDALES

DATE: 2.18.2024

SCALE: AS NOTED

PAGE NO.: 2 OF 3



1 3.5° TAPER (BOTH SIDES)

WHEEL DETAILS
SCALE 1:1

PARTS LIST

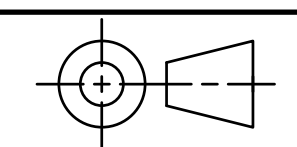
ITEM	QTY.	PART NAME
1	1	AXLE
2	1	BUSHING
3	1	HUB
4	1	COLLAR
5	2	PANEL RING
6	1	WHEEL
7	6	RIVETS
8	2	WASHERS
9	1	SPRING PIN

DDGT
DIGITAL DESIGN
GRAPHICS
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LEGEND

- ∅ DIAMETER
- R RADIUS
- ° DEGREES



TOLERANCES UNLESS SPECIFIED:
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SURFACES 32

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REVISIONS TABLE

CLASS:	DDGT121
ASSIGNMENT NO.:	09
AUTOCAD DRAWING NAME:	WHEEL ASSEMBLY
FIG NO.:	11-55
MANAGER:	G. STROMMEN
DRAFTER:	T. VIDALES
DATE:	2.18.2024
SCALE:	AS NOTED
PAGE NO.:	3 OF 3