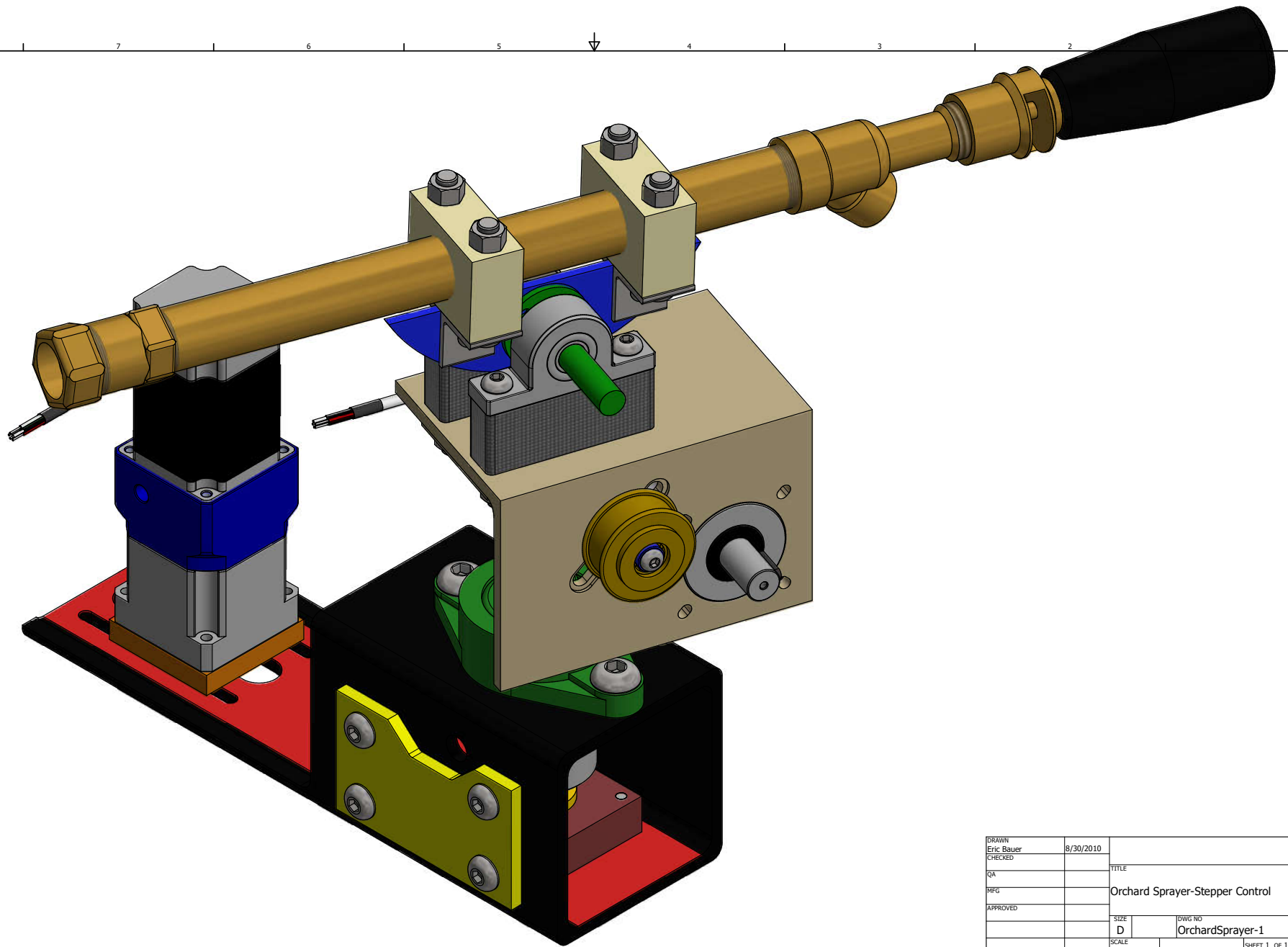
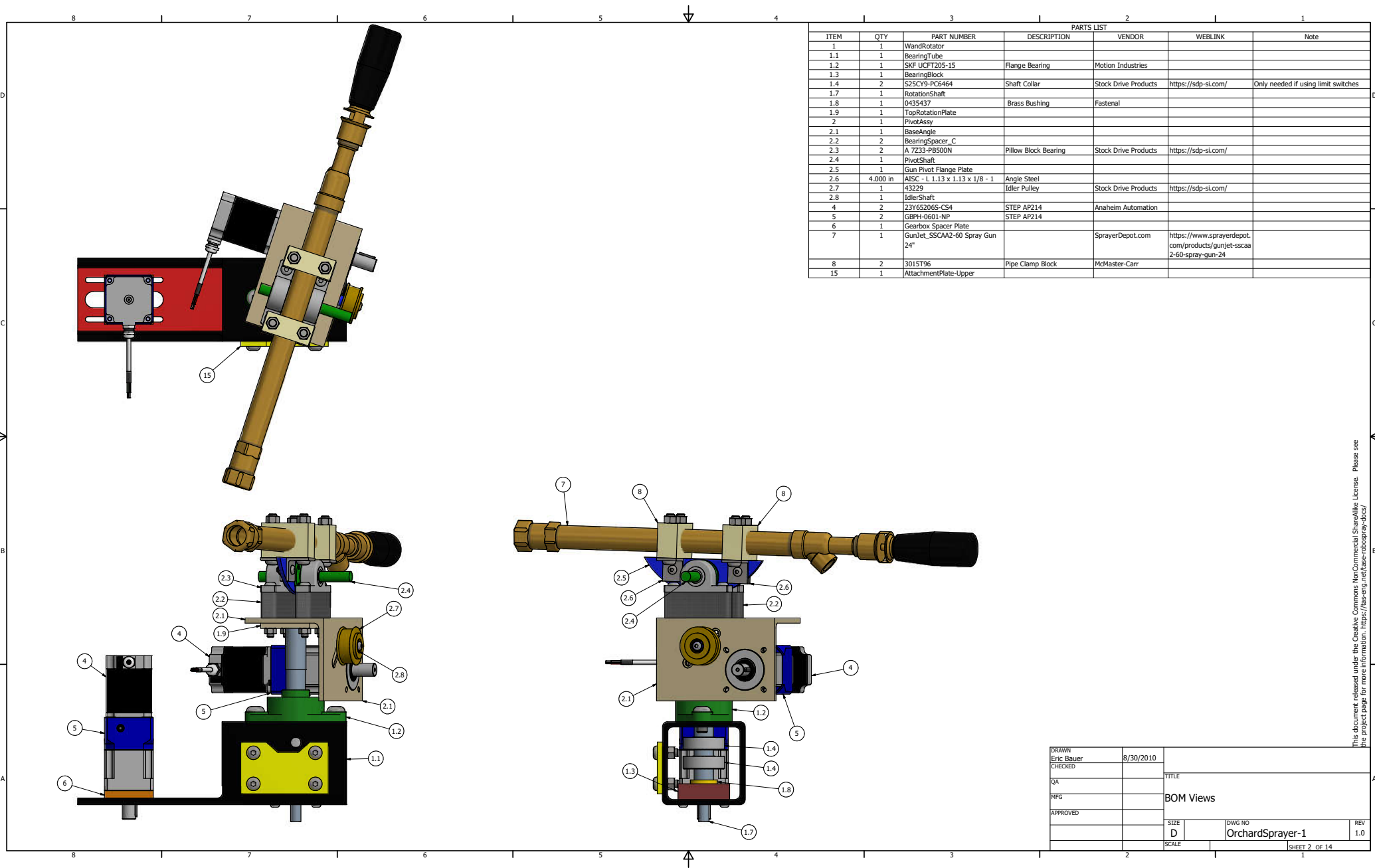




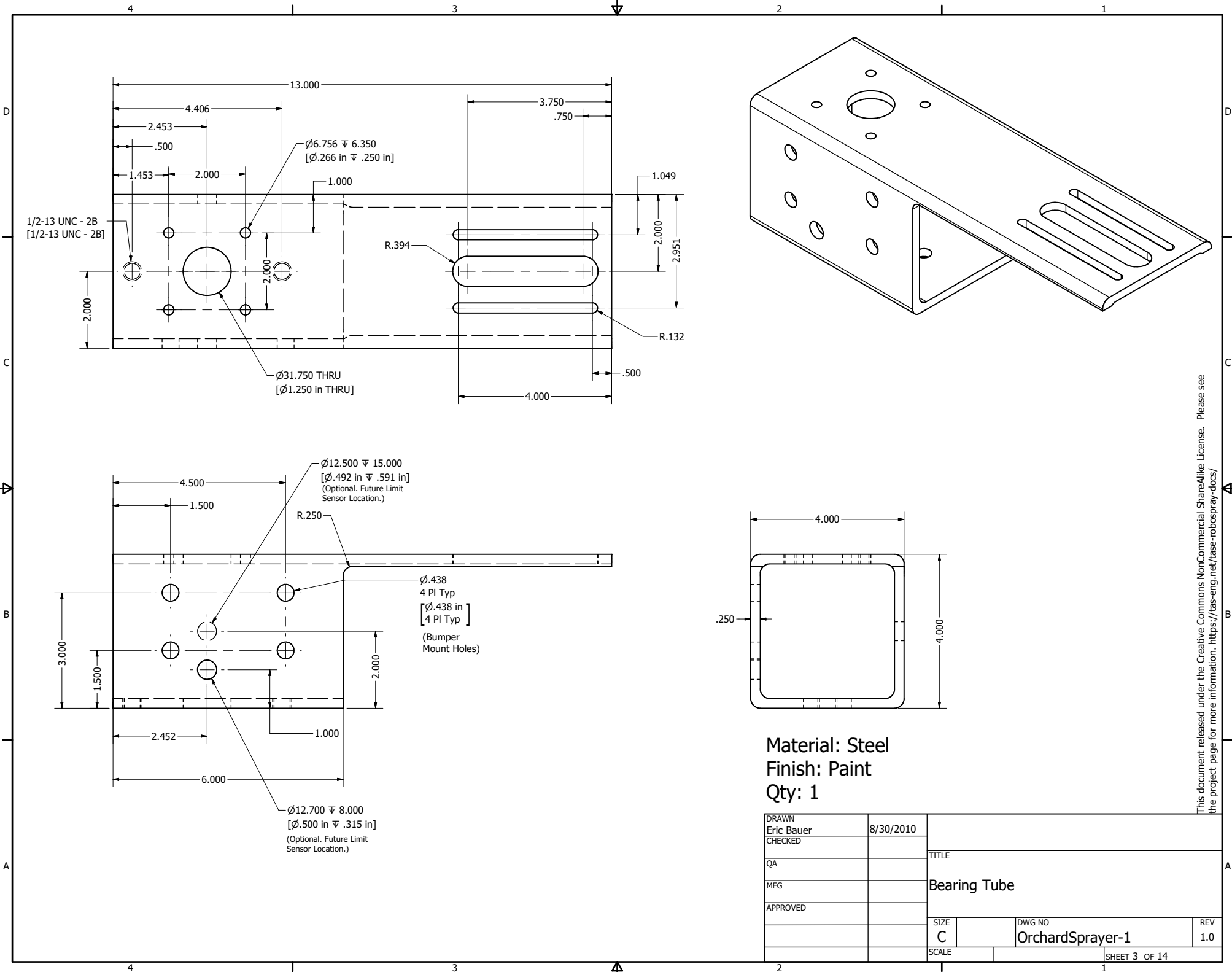
DRAWN	Eric Bauer	8/30/2010			
CHECKED			TITLE		
QA			Orchard Sprayer-Stepper Control		
MFG					
APPROVED					
			SIZE	DWG NO	REV
			D	OrchardSprayer-1	1.0
			SCALE	SHEET 1 OF 14	



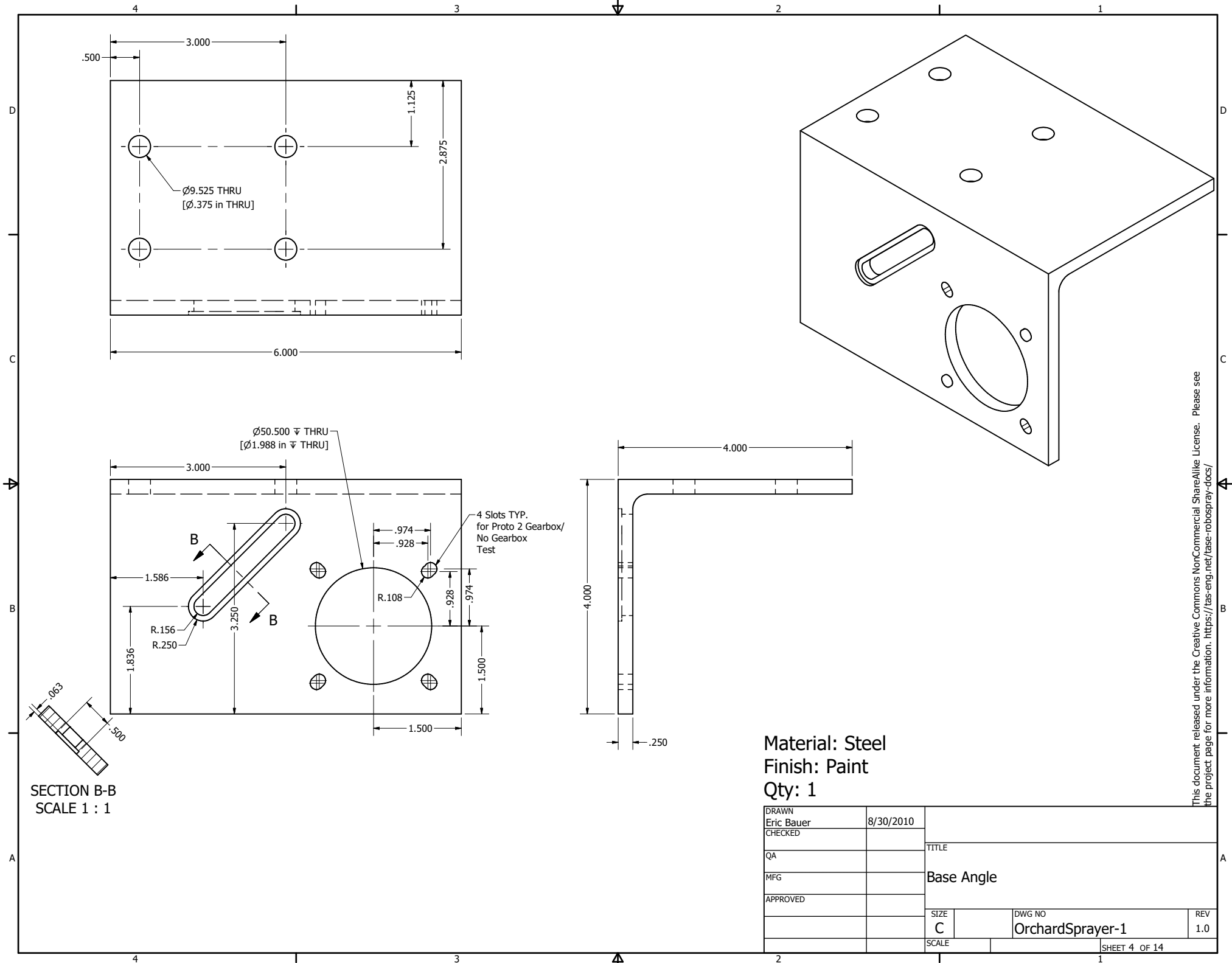
PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR	WEBLINK
1	1	WandRotator			
1.1	1	BearingTube			
1.2	1	SKF UCFT205-15	Flange Bearing	Motion Industries	
1.3	1	BearingBlock			
1.4	2	S25CY9-PC6464	Shaft Collar	Stock Drive Products	https://sdp-si.com/
1.7	1	RotationShaft			Only needed if using limit switches
1.8	1	0435437	Brass Bushing	Fastenal	
1.9	1	TopRotationPlate			
2	1	PivotAssy			
2.1	1	BaseAngle			
2.2	2	BearingSpacer_C			
2.3	2	A 7233-PB500N	Pillow Block Bearing	Stock Drive Products	https://sdp-si.com/
2.4	1	PivotShaft			
2.5	1	Gun Pivot Flange Plate			
2.6	4,000 in	AISC - L 1.13 x 1.13 x 1/8 - 1	Angle Steel		
2.7	1	43229	Idler Pulley	Stock Drive Products	https://sdp-si.com/
2.8	1	IdlerShaft			
4	2	23Y652065-CS4	STEP AP214	Anaheim Automation	
5	2	GBPH-0601-NP	STEP AP214		
6	1	Gearbox Spacer Plate			
7	1	GunJet_SSCAA2-60 Spray Gun 24"		SprayerDepot.com	https://www.sprayerdepot.com/products/gunjet-sscaa-2-60-spray-gun-24
8	2	3015T96	Pipe Clamp Block	McMaster-Carr	
15	1	AttachmentPlate-Upper			

DRAWN	Eric Bauer	8/30/2010			
CHECKED			TITLE		
QA			BOM Views		
MFG					
APPROVED					
		SIZE	D	DWG NO	OrchardSprayer-1
		SCALE		REV	1.0
		SHEET 2 OF 14			

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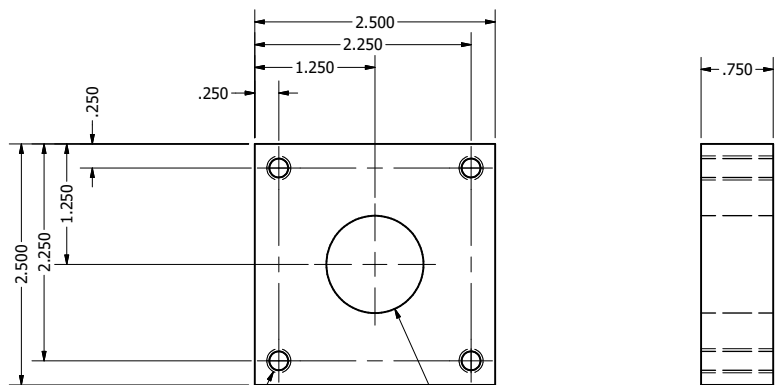


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DRAWN Eric Bauer	8/30/2010	TITLE Base Angle		
CHECKED				
QA		SIZE C		
MFG				
APPROVED		DWG NO OrchardSprayer-1		
		REV 1.0		
		SCALE SHEET 4 OF 14		



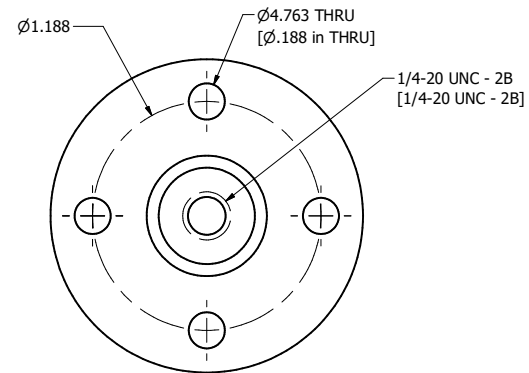
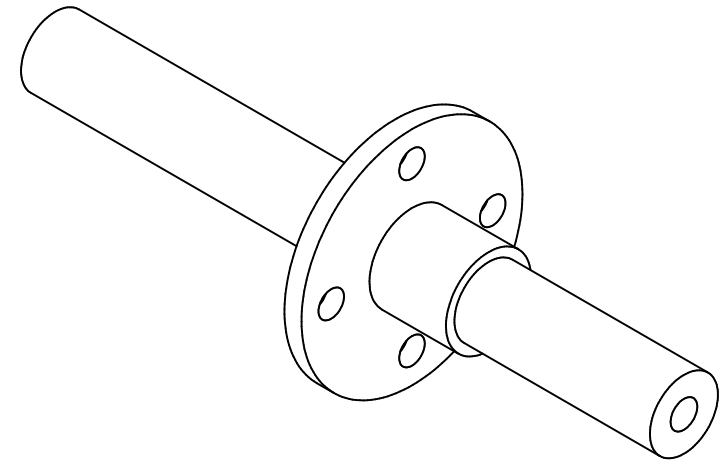
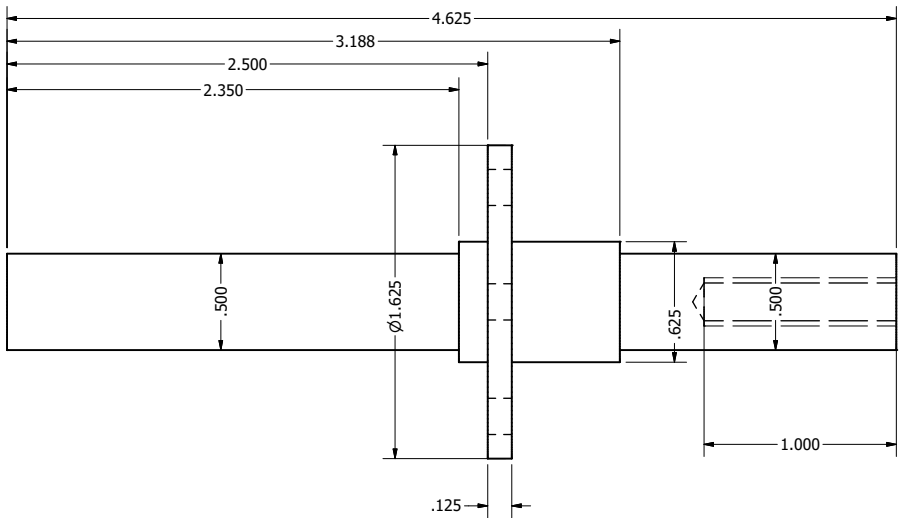
1/4-20 UNC - 2B
[1/4-20 UNC - 2B]

Ø1.010 Nom.
Drill and Ream For Press
Fit with Brass Bushing. Must Be
Bolted Into Bearing Tube Prior to
Reaming To Ensure That This Hole
Is Perpendicular to Bearing Tube
Top Surface.

Mask Bore Prior
To Paint.

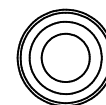
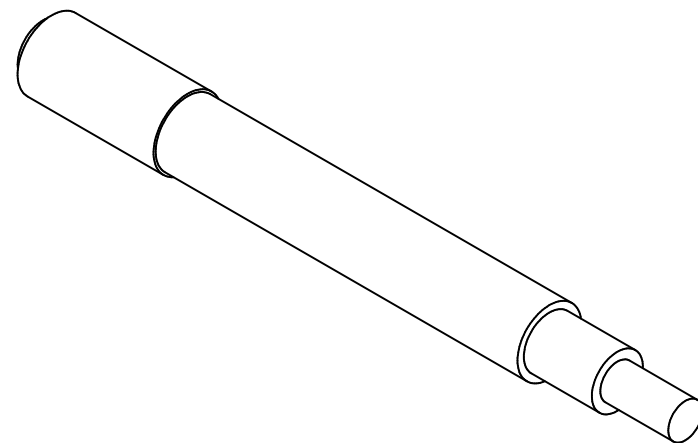
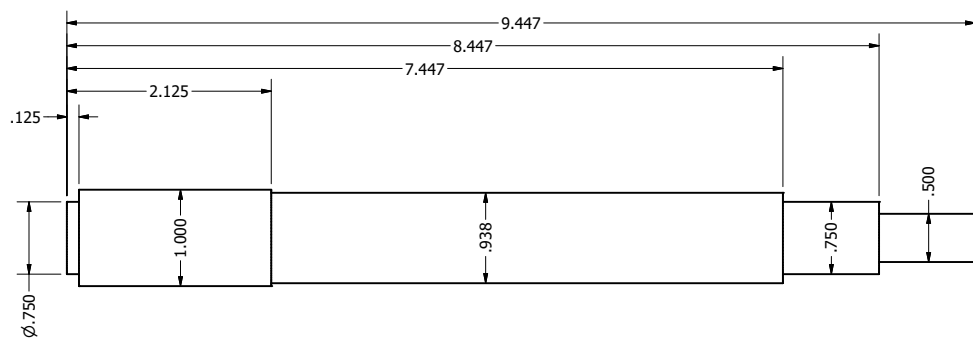
Material: Steel
Finish: Paint
Qty: 1

DRAWN Eric Bauer	8/30/2010	TITLE		
CHECKED				
QA		Bearing Block		
MFG				
APPROVED		SIZE C	DWG NO OrchardSprayer-1	REV 1.0
		SCALE	SHEET 5 OF 14	



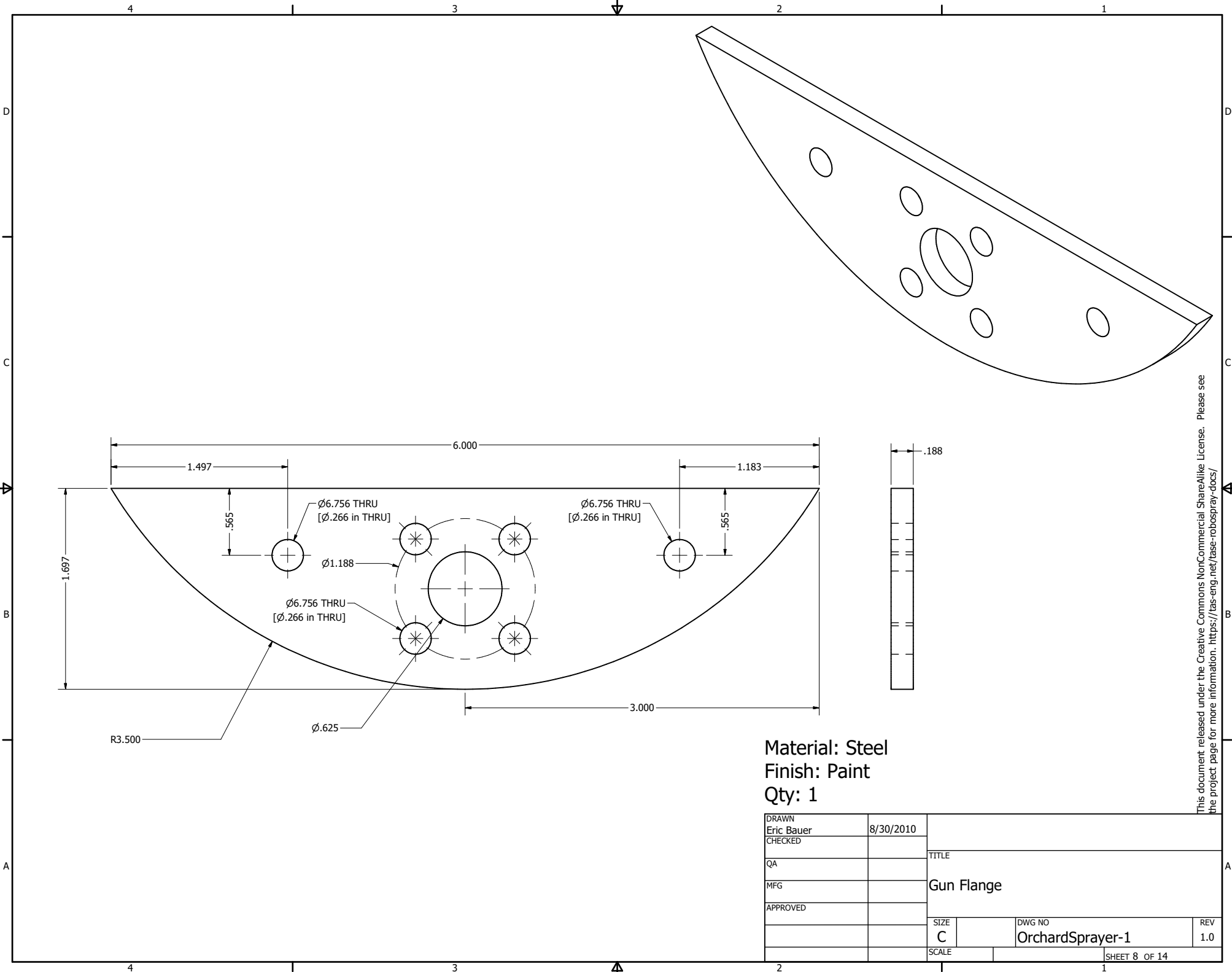
Material: Steel
Finish: Black Oxide
Qty: 1

DRAWN	Eric Bauer	8/30/2010	TITLE		
CHECKED					
QA			Pivot Shaft		
MFG					
APPROVED			SIZE	DWG NO	REV
			C	OrchardSprayer-1	1.0
			SCALE	SHEET 6 OF 14	



Material: Steel
Finish: Black Oxide
Qty: 1

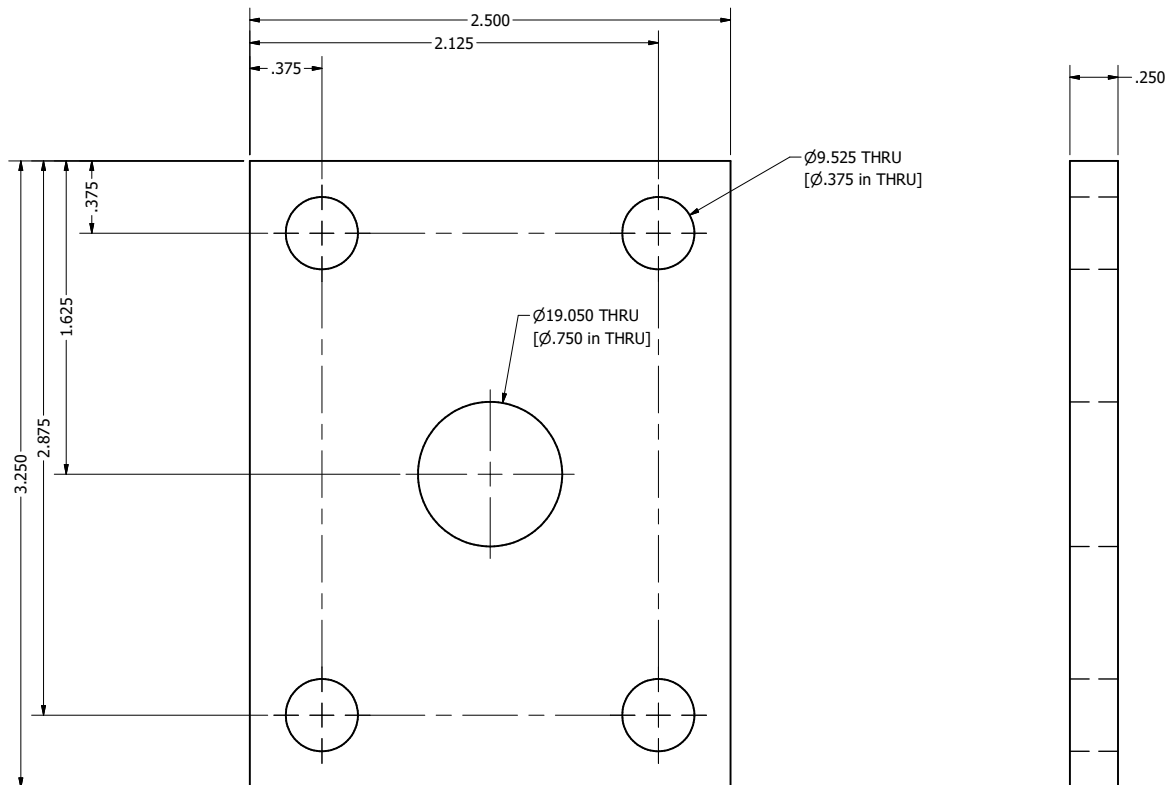
DRAWN	Eric Bauer	8/30/2010			
CHECKED					
QA			TITLE		
MFG			Rotation Shaft		
APPROVED					
			SIZE	DWG NO	REV
			C	OrchardSprayer-1	1.0
			SCALE	SHEET 7 OF 14	



Material: Steel
Finish: Paint
Qty: 1

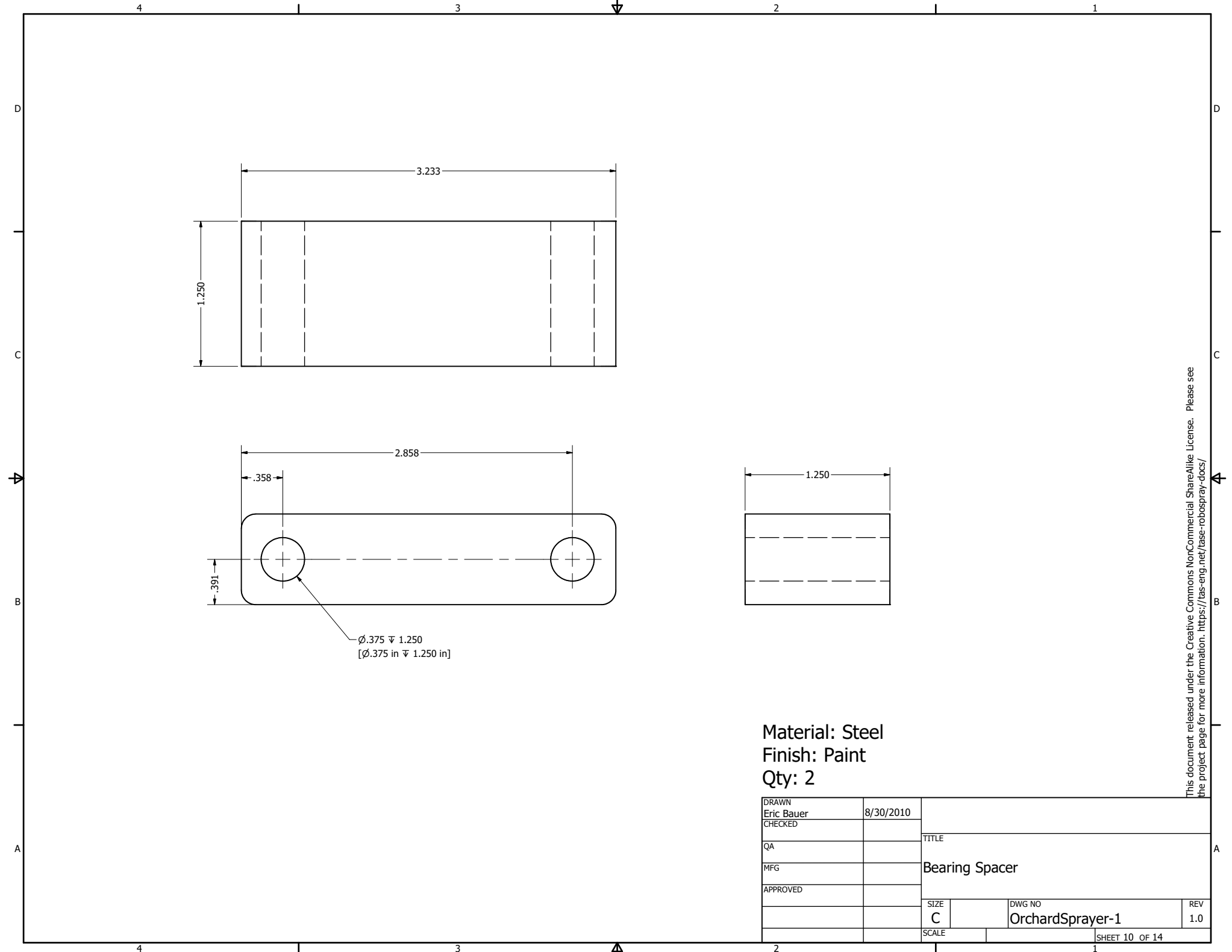
DRAWN Eric Bauer	8/30/2010	TITLE Gun Flange		
CHECKED				
QA		SIZE C		
MFG				
APPROVED		DWG NO OrchardSprayer-1		
		REV 1.0		
		SCALE SHEET 8 OF 14		

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Material: Steel
 Finish: Paint
 Qty: 1

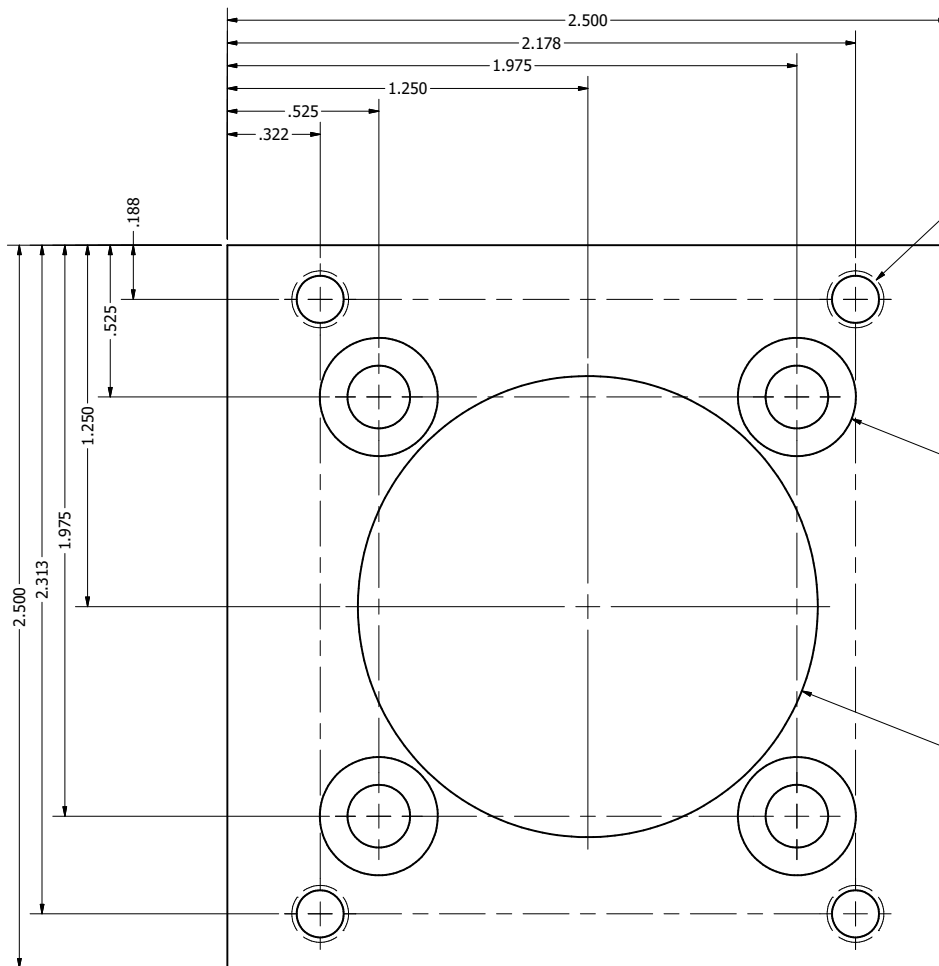
DRAWN	Eric Bauer	8/30/2010	TITLE	
CHECKED				
QA			Rotation Plate	
MFG				
APPROVED			SIZE C DWG NO OrchardSprayer-1 REV 1.0	
		SCALE	SHEET 9 OF 14	



Material: Steel
Finish: Paint
Qty: 2

DRAWN	Eric Bauer	8/30/2010	TITLE		
CHECKED					
QA			Bearing Spacer		
MFG					
APPROVED			SIZE	DWG NO	REV
			C	OrchardSprayer-1	1.0
			SCALE	SHEET 10 OF 14	

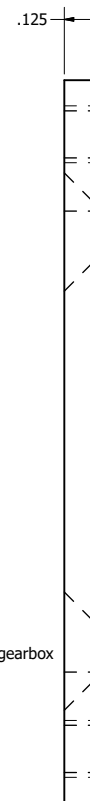
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M5x0.8 - 6H
[M5x0.8 - 6H]

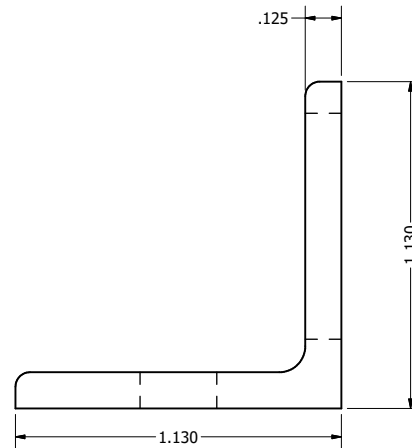
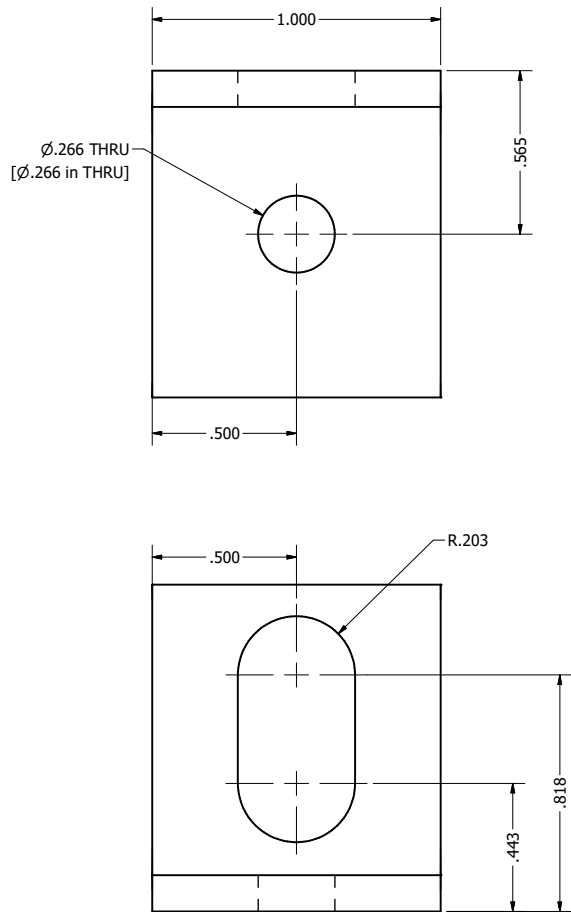
Ø.217 THRU
✓ Ø.409 X 90.0°
[Ø.217 in THRU
✓ Ø.409 in X 90.0°]

Ø1.594
Check for fit with gearbox



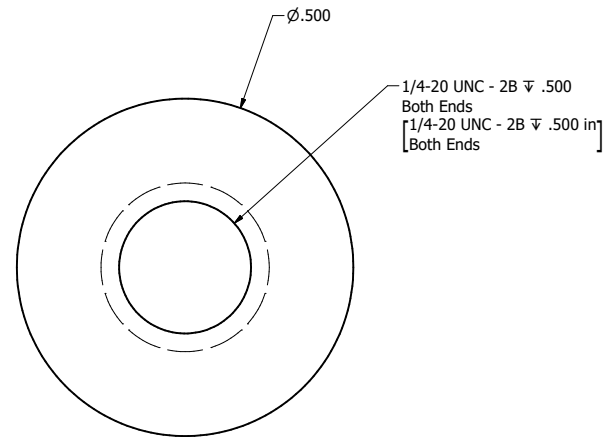
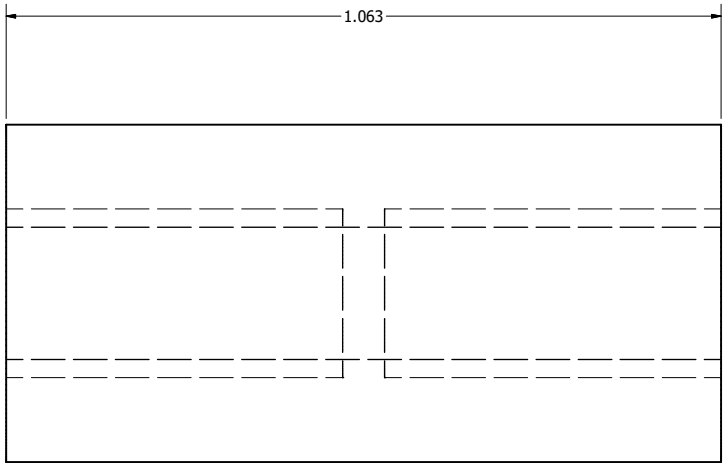
Material: Steel
Finish: Paint
Qty: 1

DRAWN Eric Bauer	8/30/2010	TITLE		
CHECKED				
QA		Gearbox Spacer Plate		
MFG				
APPROVED		SIZE C	DWG NO OrchardSprayer-1	REV 1.0
		SCALE	SHEET 11 OF 14	



Material: Steel
Finish: Paint
Qty: 4

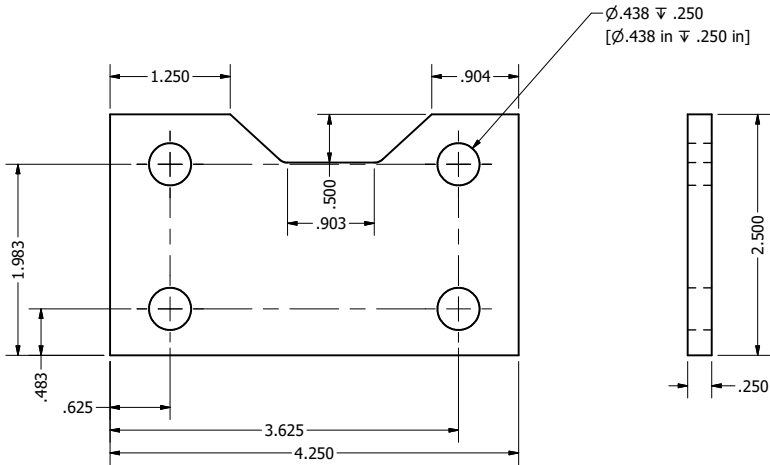
DRAWN	Eric Bauer	8/30/2010			
CHECKED					
QA			TITLE		
MFG			Gun Clamp Support		
APPROVED					
			SIZE	DWG NO	REV
			C	OrchardSprayer-1	1.0
			SCALE	SHEET 12 OF 14	



Material: Steel
Finish: Paint
Qty: 1

DRAWN	8/30/2010			
Eric Bauer				
CHECKED				
QA		TITLE		
MFG		Idler Shaft		
APPROVED				
		SIZE	DWG NO	REV
		C	OrchardSprayer-1	1.0
		SCALE	SHEET 13 OF 14	

This plate is intended to be welded to the bumper attachment structure and then bolted to the bearing tube.



Material: Steel
Finish: Paint
Qty: 1

DRAWN	Eric Bauer	8/30/2010			
CHECKED					
QA			TITLE		
MFG			Bumper Attach Pad		
APPROVED					
			SIZE	DWG NO	REV
			C	OrchardSprayer-1	1.0
			SCALE	SHEET 14 OF 14	