

# **Cost-effective Rollover Protective Structure (CROPS)**

for Wheeled Agricultural Tractors

FORD 8N SERIES

TECHNICAL DRAWINGS

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DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Institute for Occupational Safety and Health



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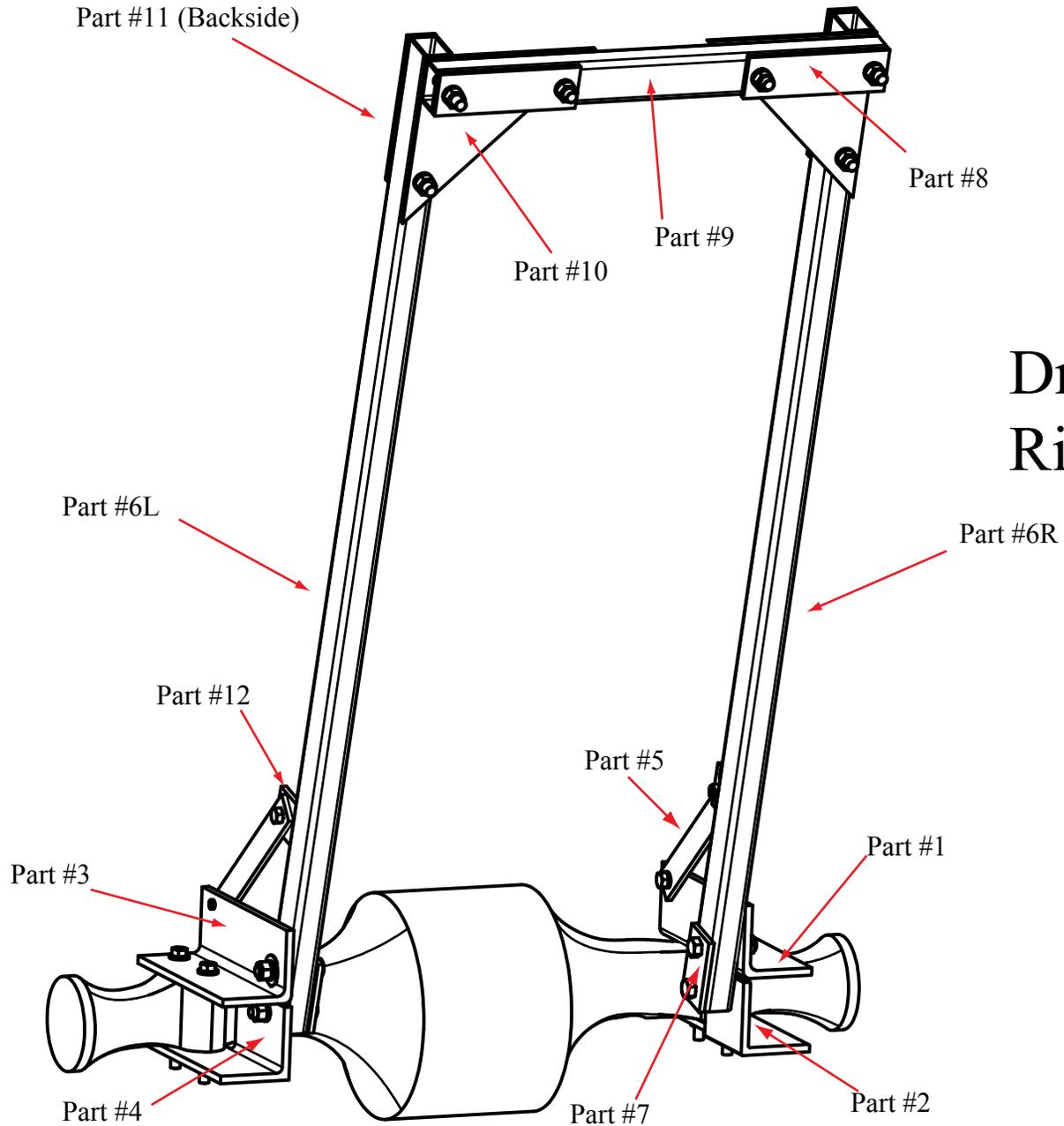
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# Ford 8N Parts

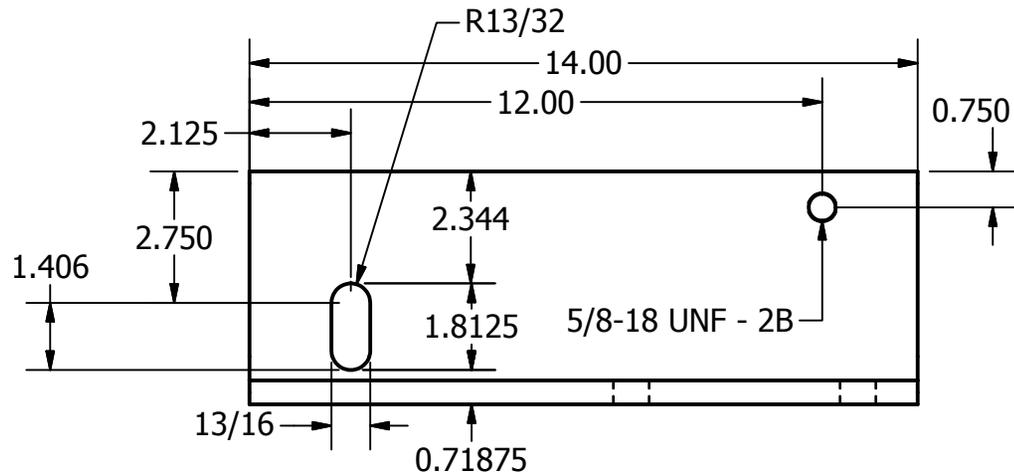
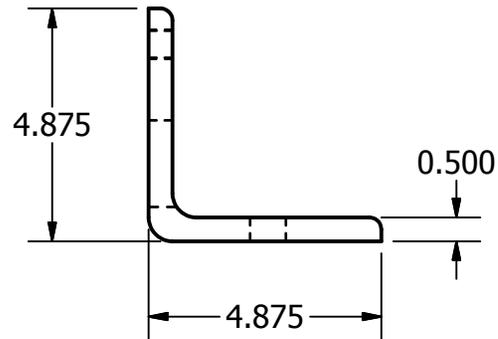
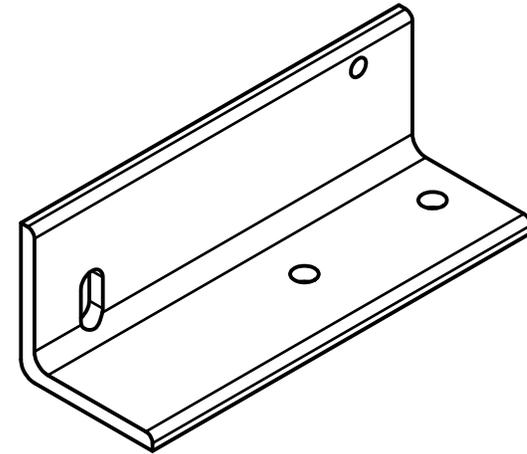
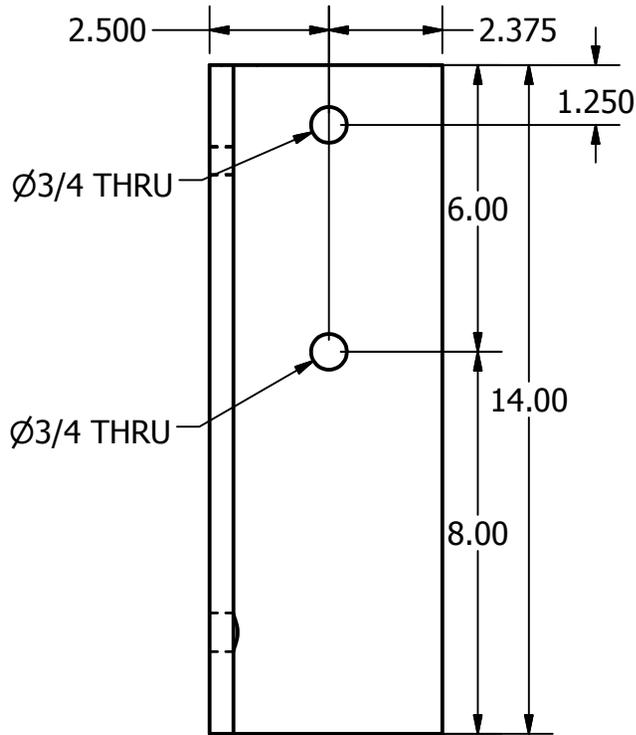
Driver's  
Left Side

Driver's  
Right Side



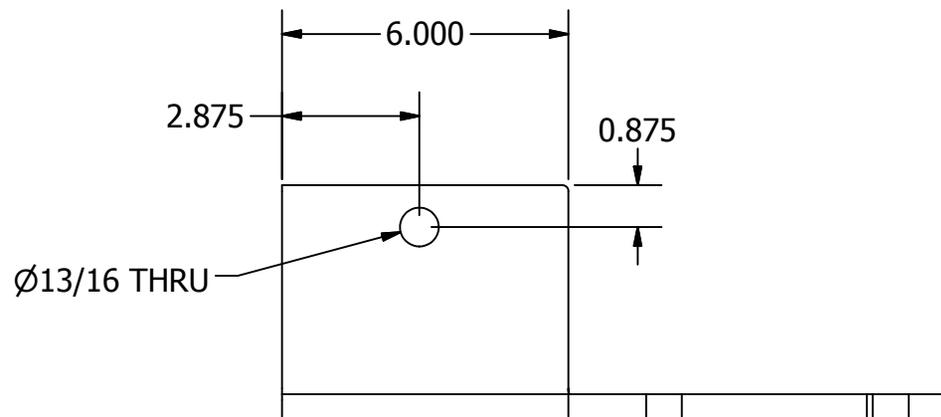
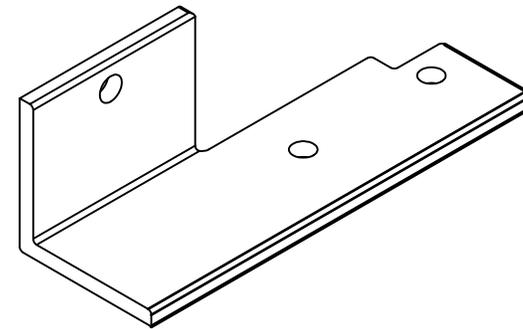
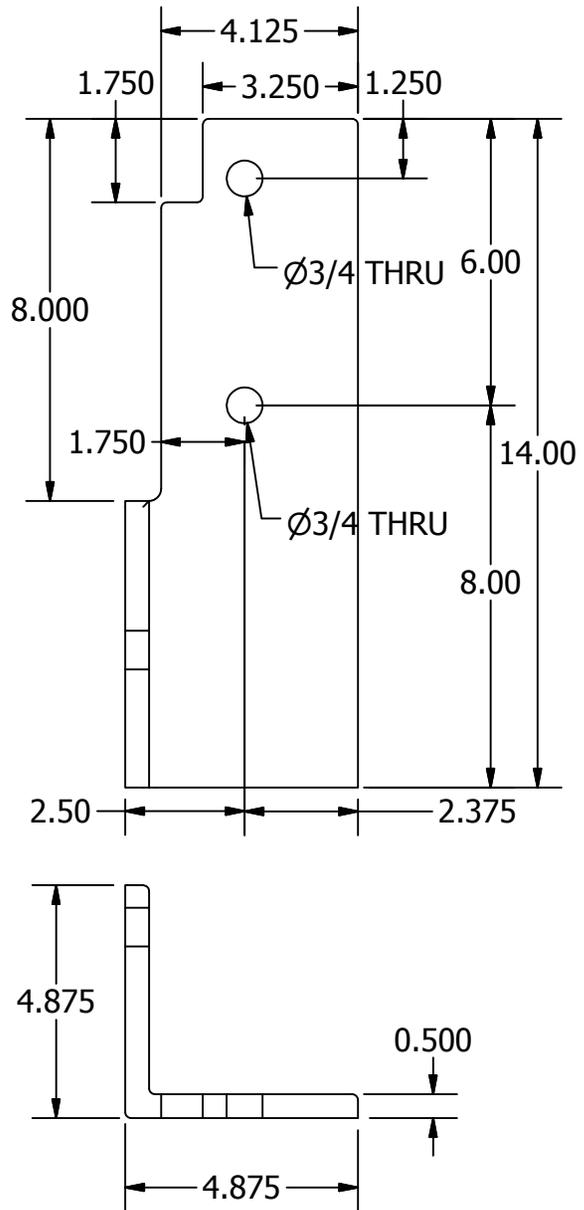


**Ford 8N Part #1**  
Top Right Axle Bracket  
Rev 8/18/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

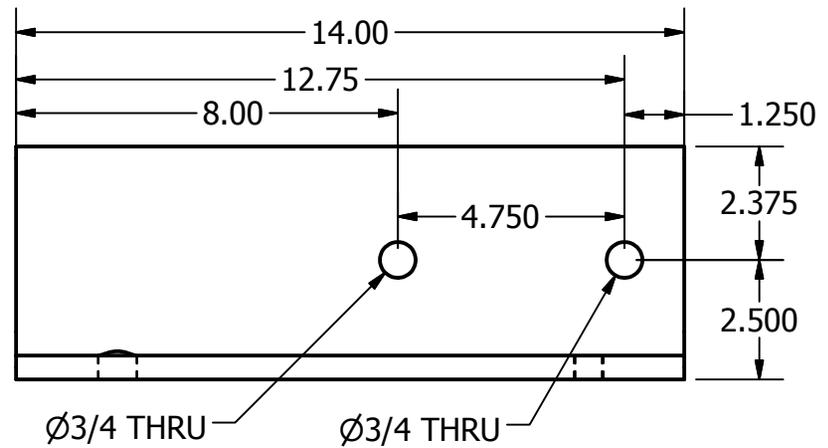
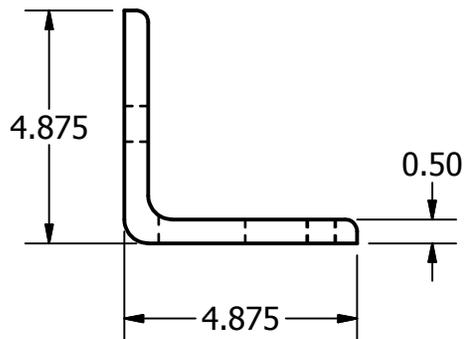
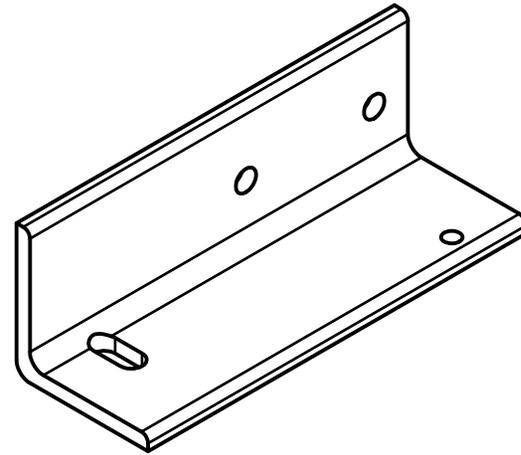
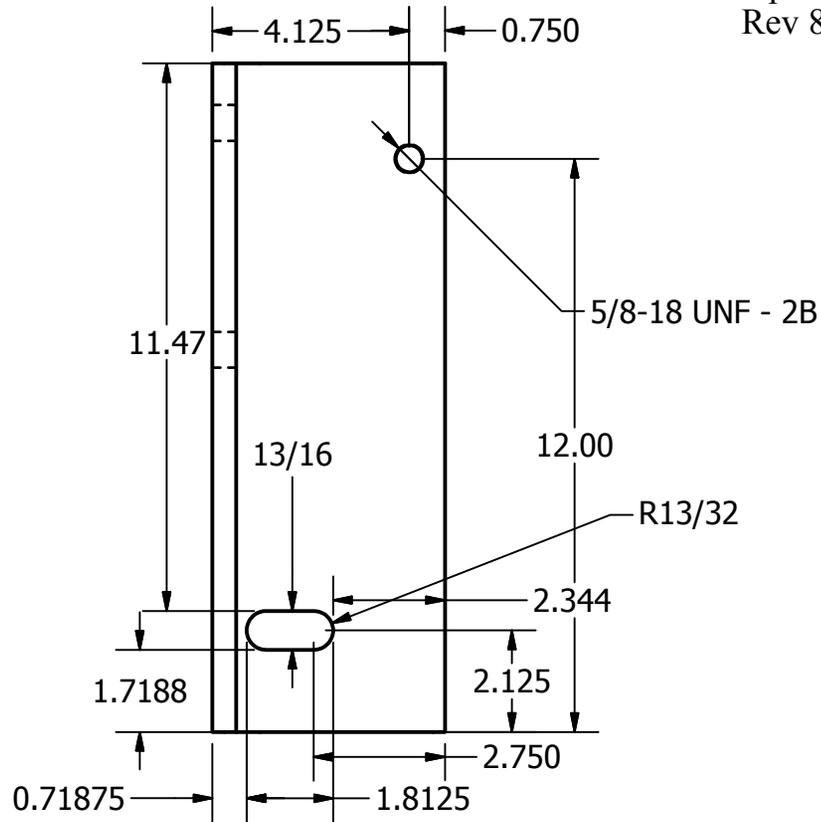
**Ford 8N Part #2**  
Bottom Right Axle Bracket  
Rev 8/18/2011 EAM



### Ford 8N Part #3

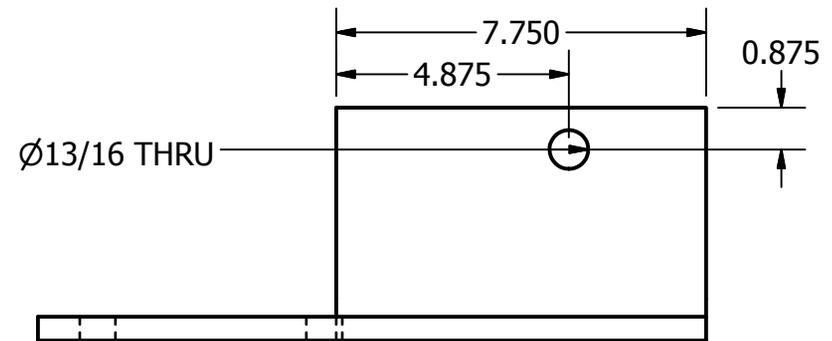
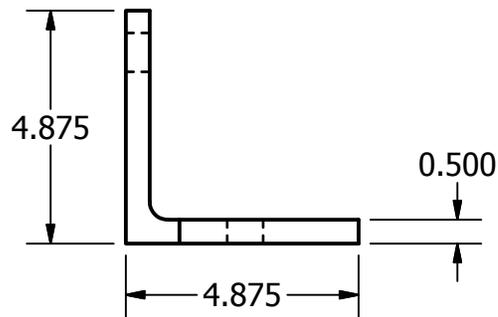
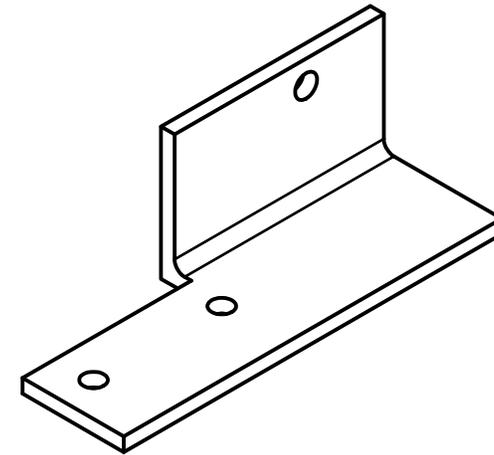
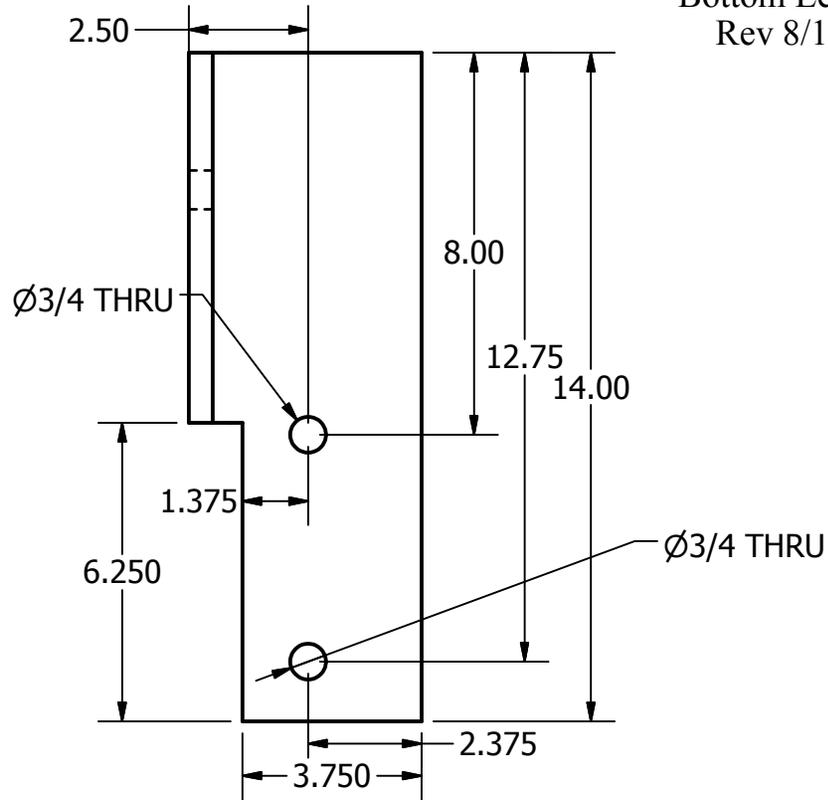
Top Left Axle Bracket

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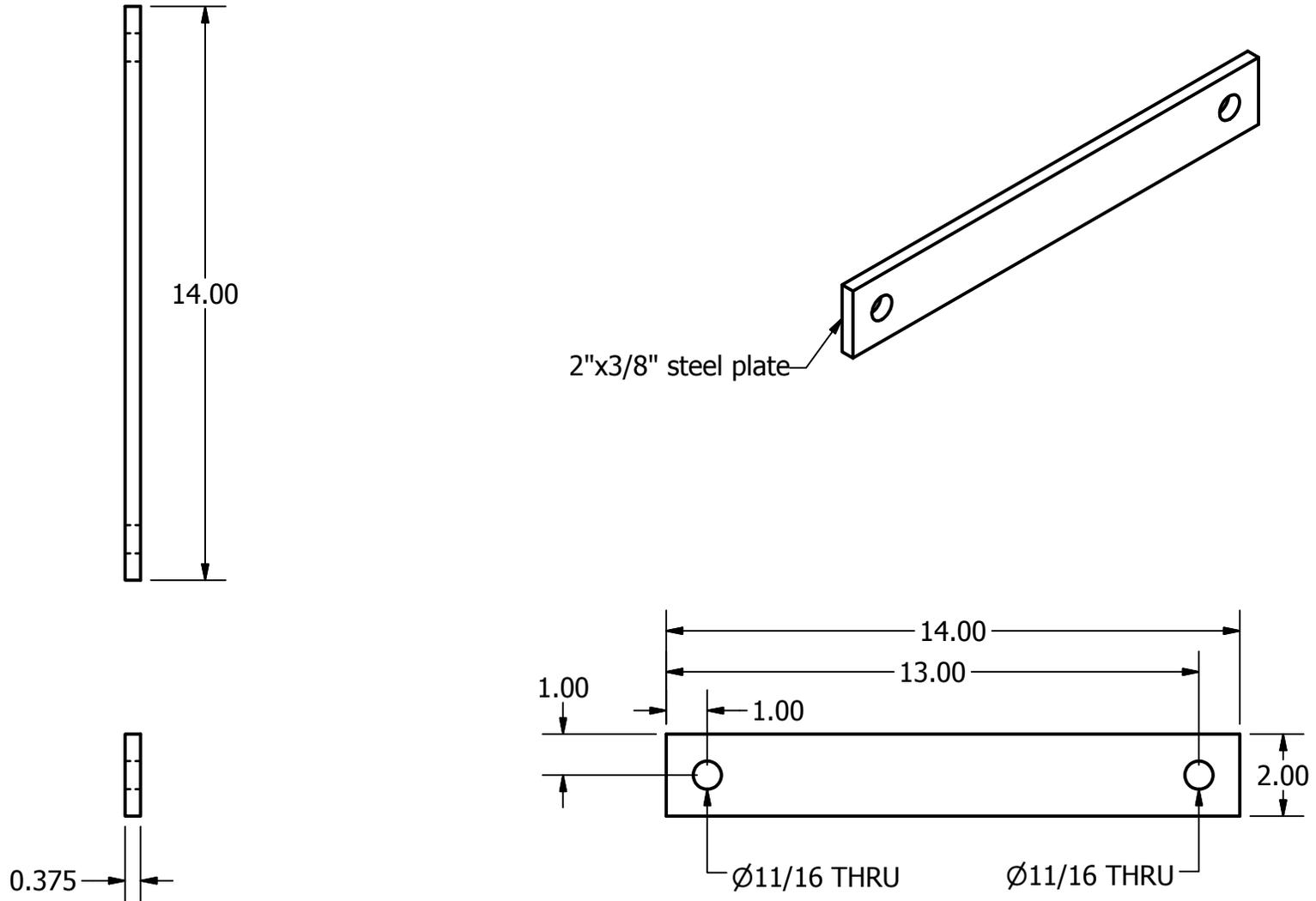
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

**Ford 8N Part #4**  
Bottom Left Axle Bracket  
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

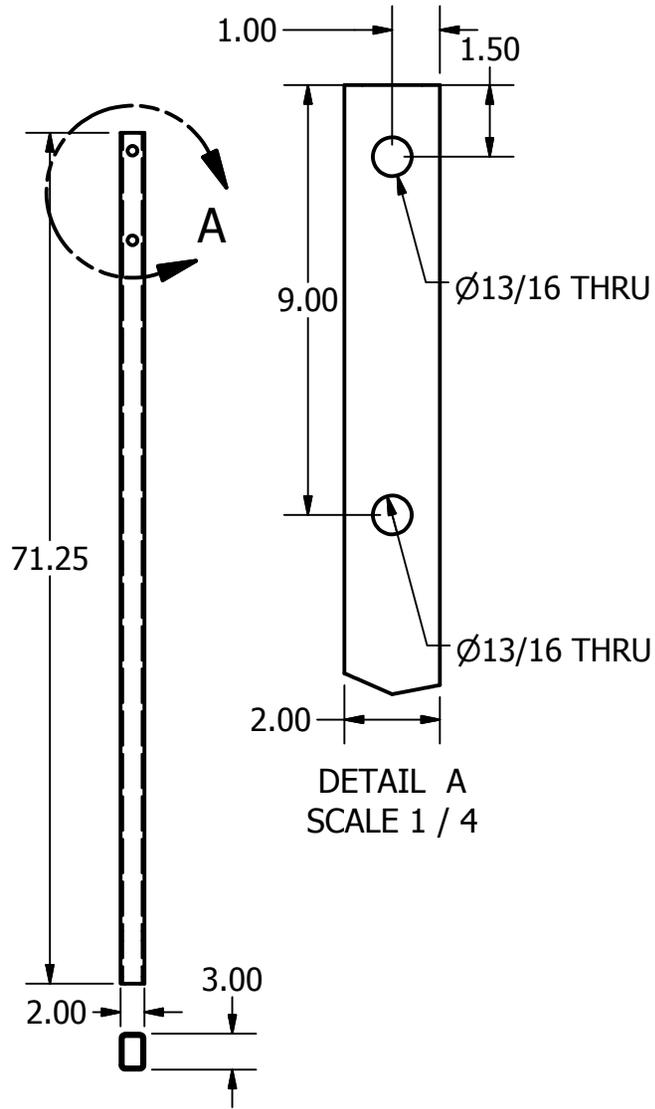
**Ford 8N Part #5**  
Vertical Tube Bolted Brace  
Rev 8/18/2011 EAM



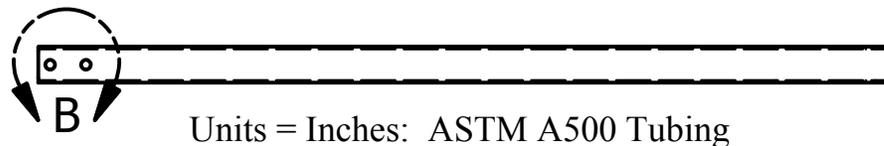
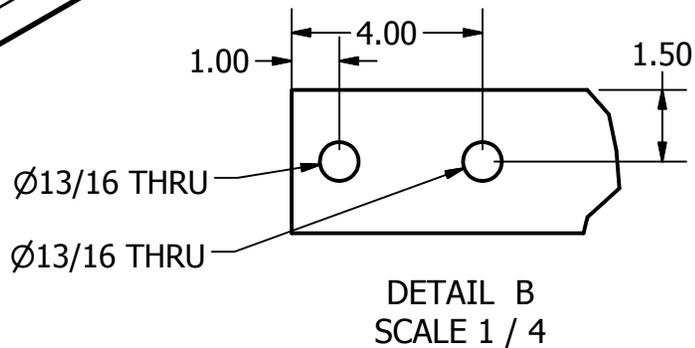
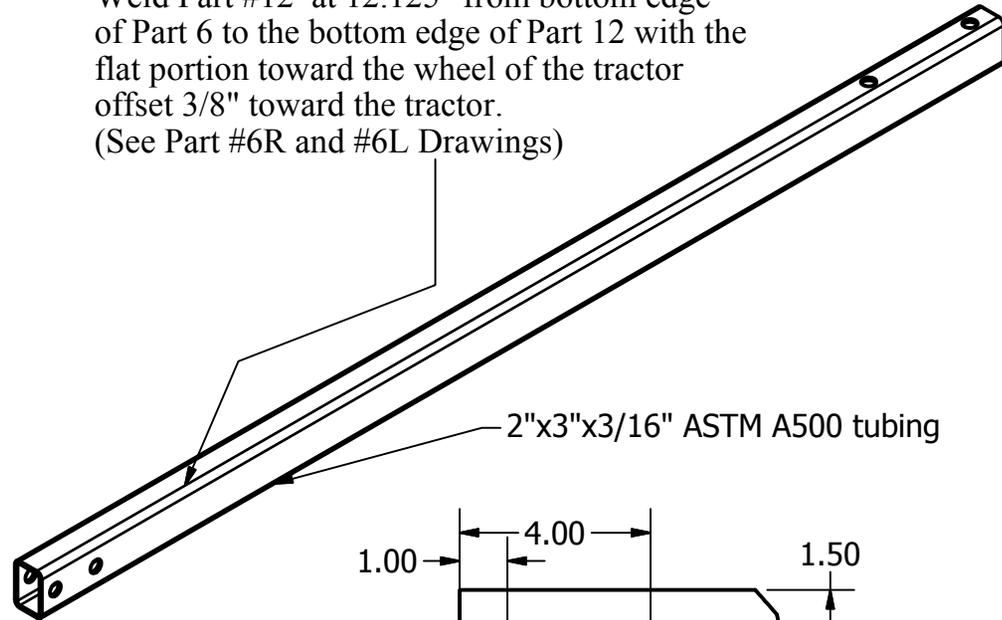
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

### Ford 8N Part #6

Vertical Tube  
Rev 8/18/2011 EAM

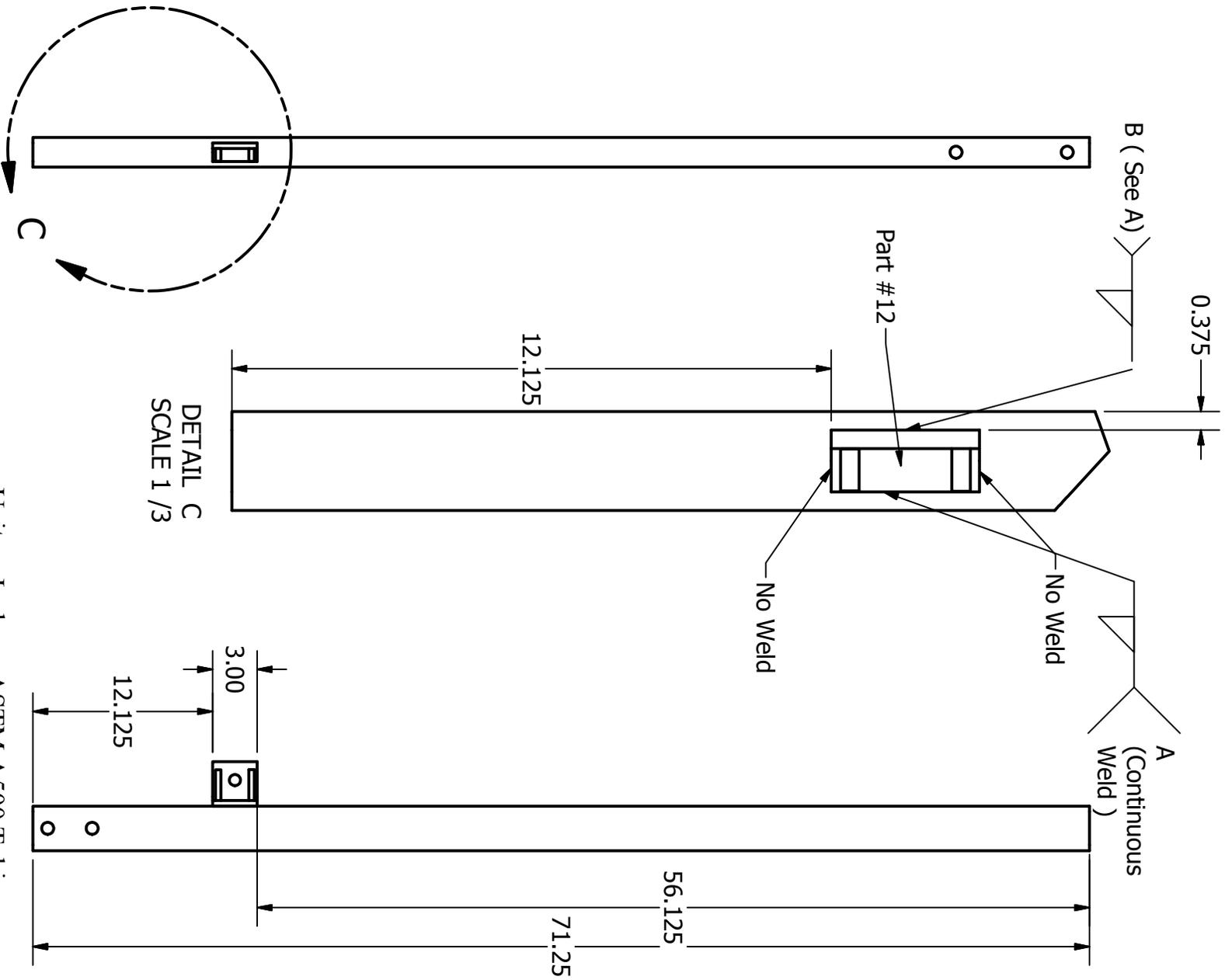


Weld Part #12 at 12.125" from bottom edge of Part 6 to the bottom edge of Part 12 with the flat portion toward the wheel of the tractor offset  $3/8$ " toward the tractor.  
(See Part #6R and #6L Drawings)



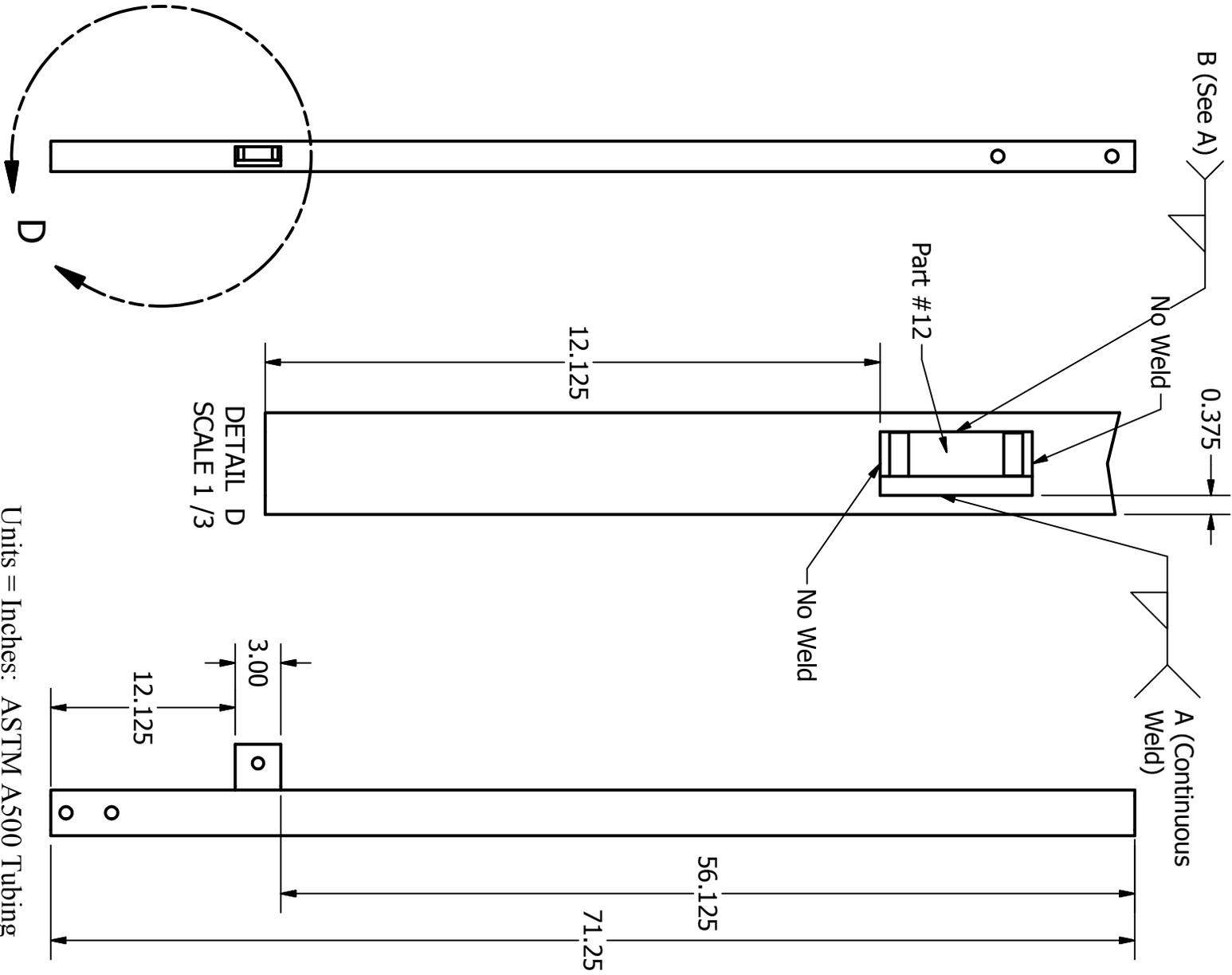
Units = Inches: ASTM A500 Tubing

**Ford 8N Part #6R**  
Right Vertical Tube  
Rev 8/18/2011 EAM

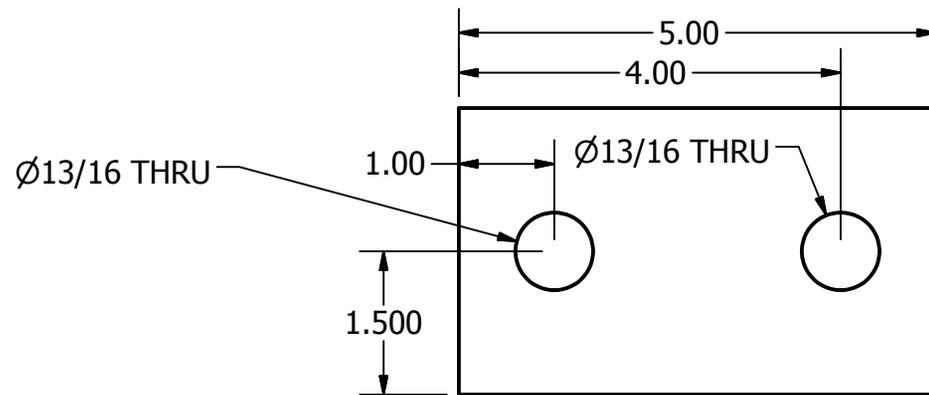
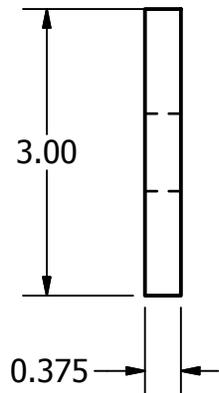
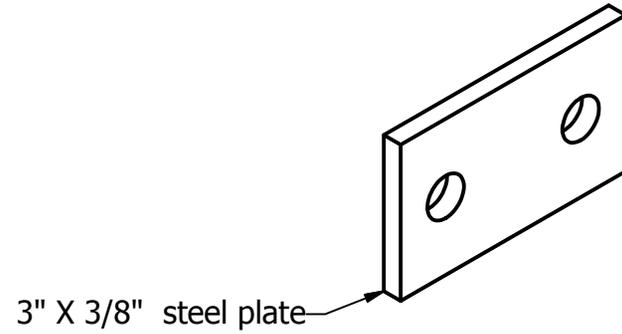
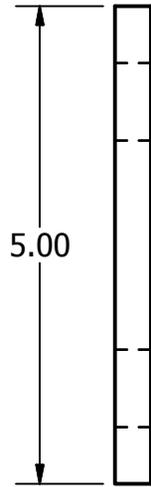


Units = Inches: ASTM A500 Tubing

**Ford 8N Part #6L**  
Left Vertical Tube  
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**Ford 8N Part #7**  
Bottom Vertical Tube Backing Plate  
Rev 8/18/2011 EAM

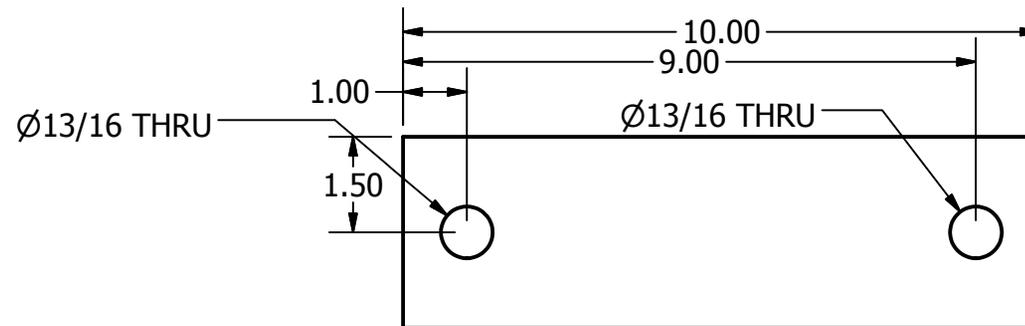
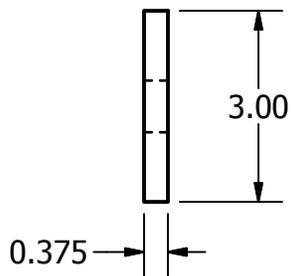
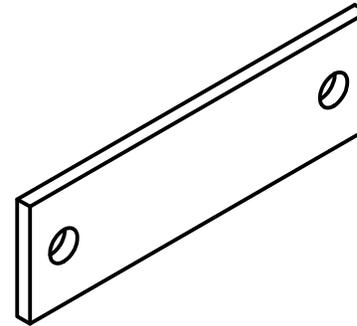
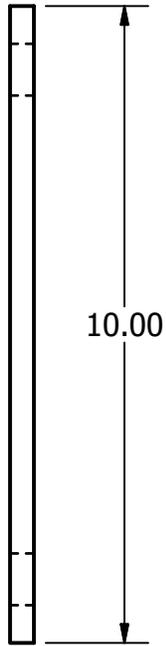


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

### Ford 8N Part #8

Cross Bar Backing Plate

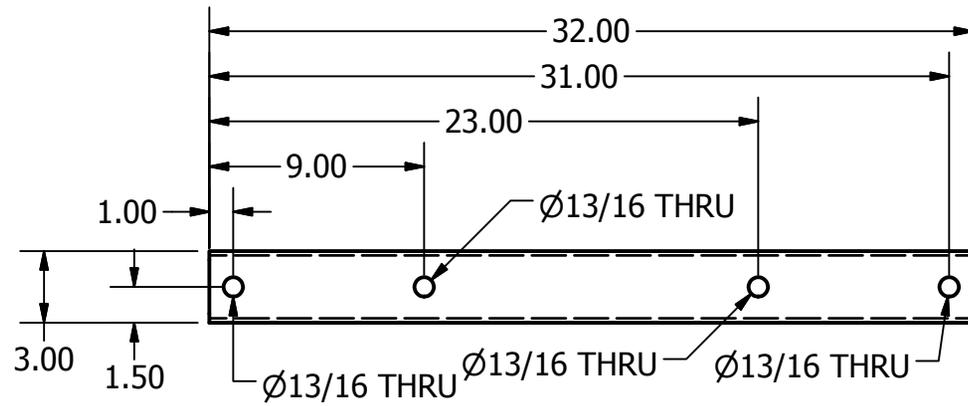
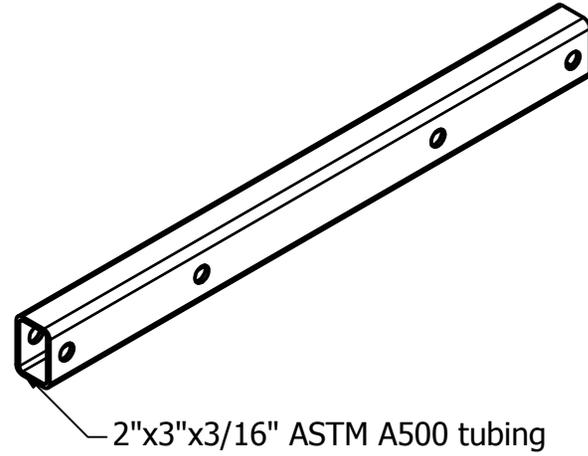
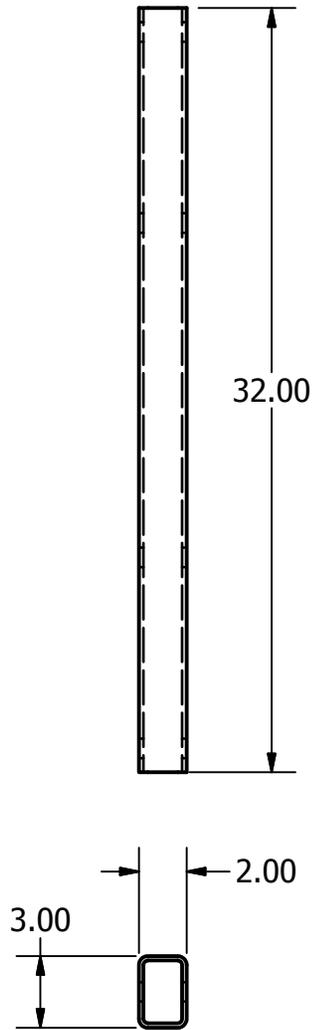
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 8N Part #9

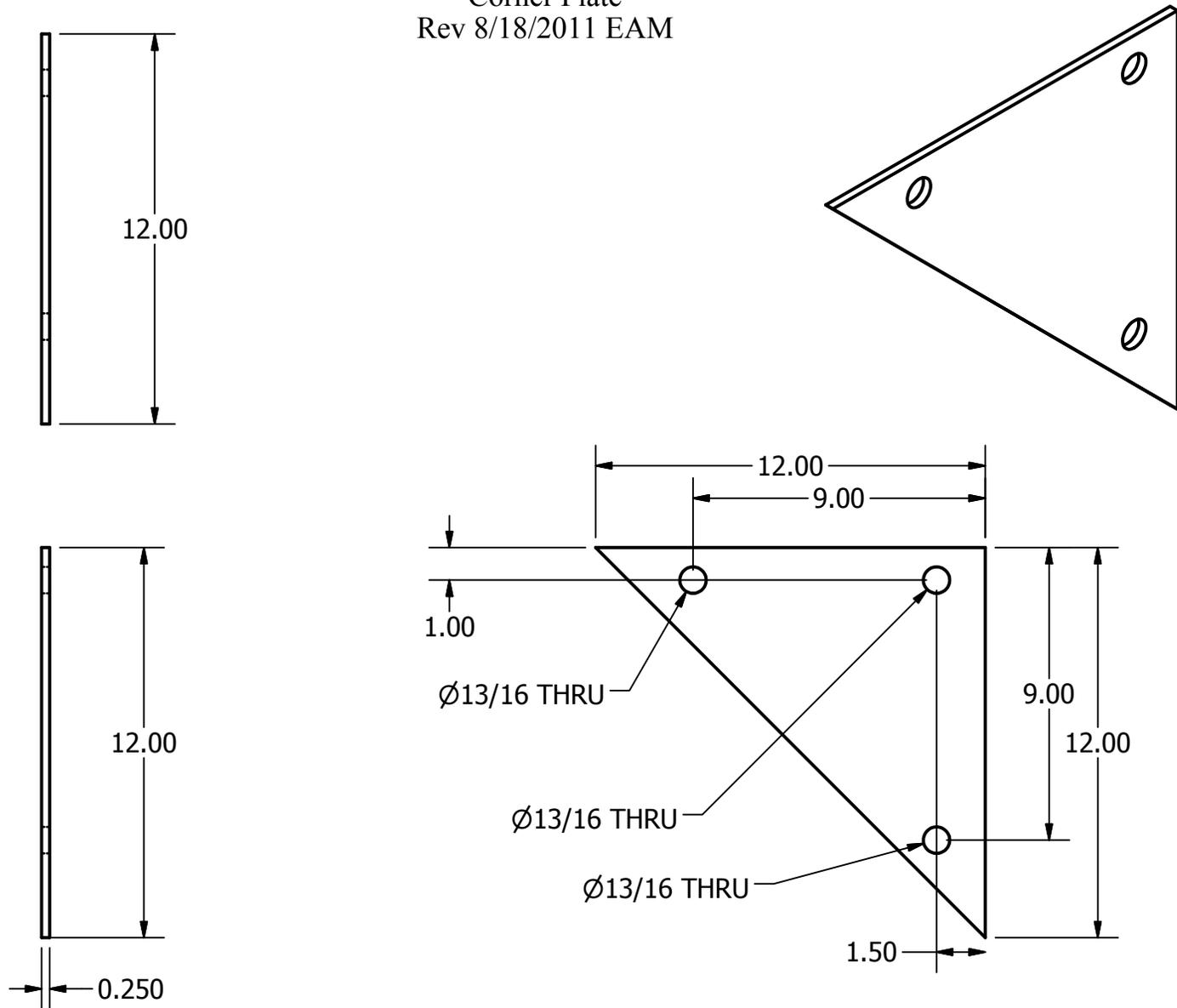
Cross Bar  
Rev 8/18/2011 EAM



Units = Inches: ASTM A500 Tubing

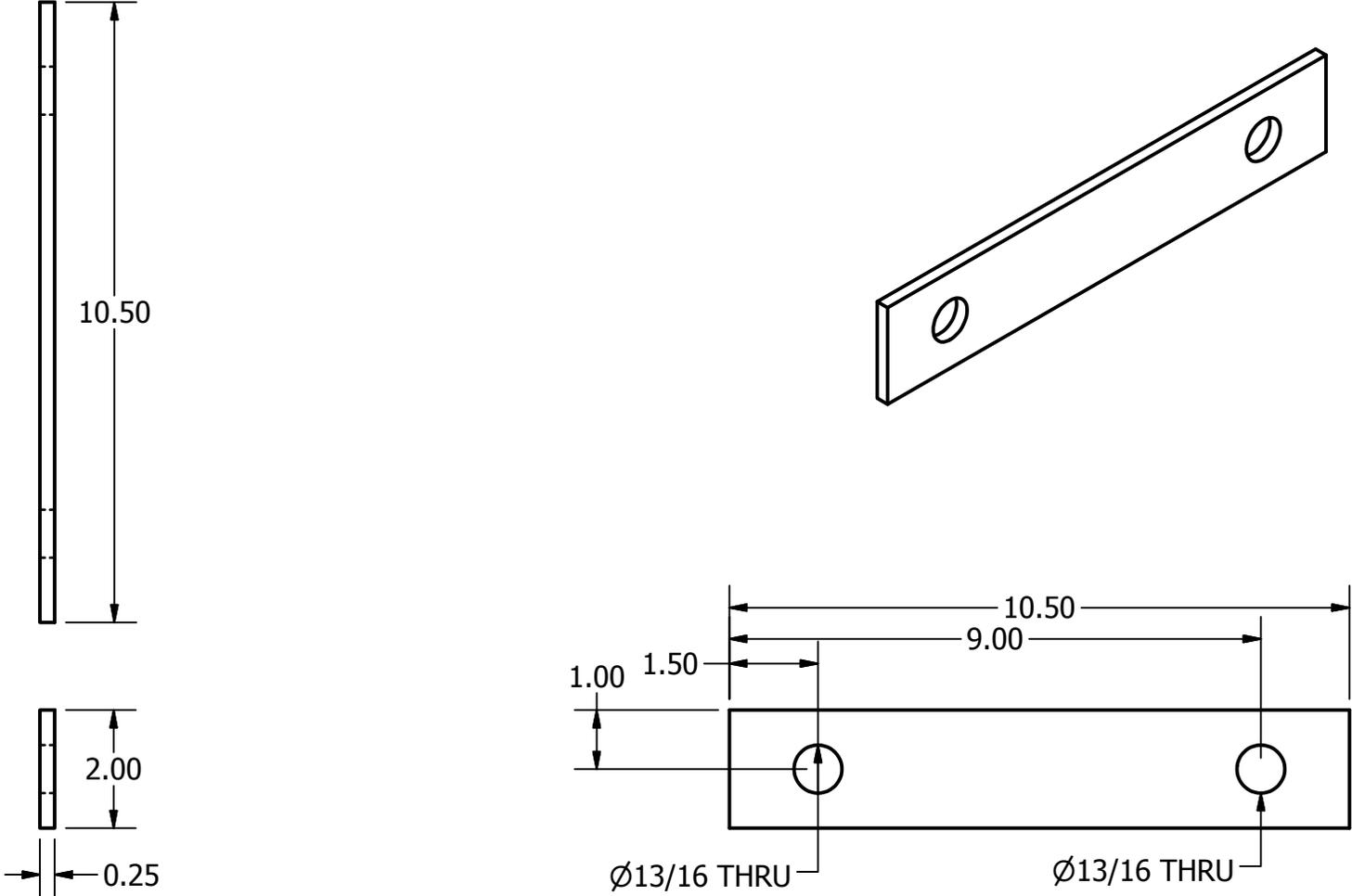
# Ford 8N Part #10

Corner Plate  
Rev 8/18/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

**Ford 8N Part #11**  
Top Vertical Tube Backing Plate  
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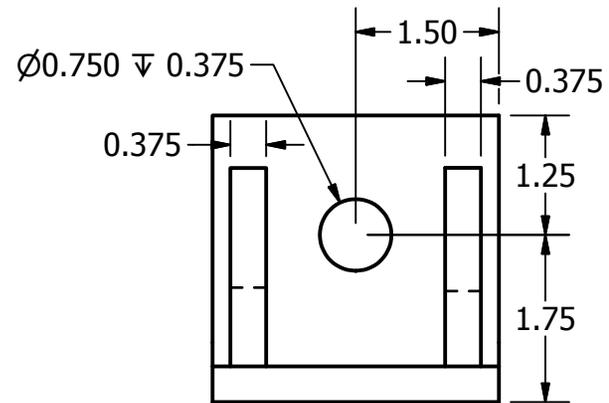
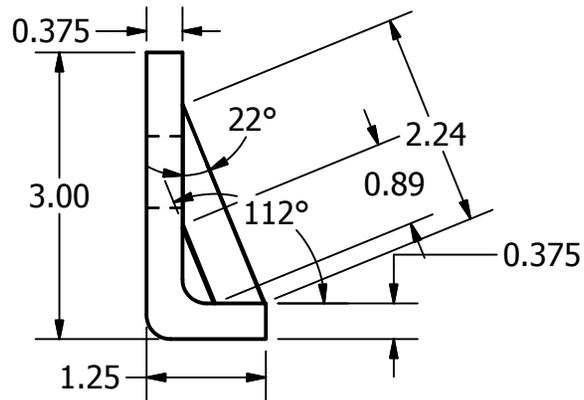
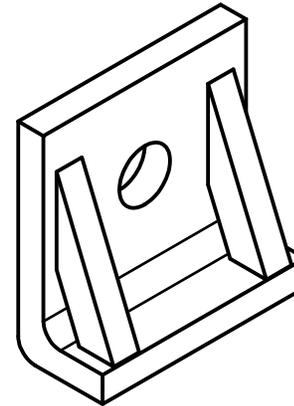
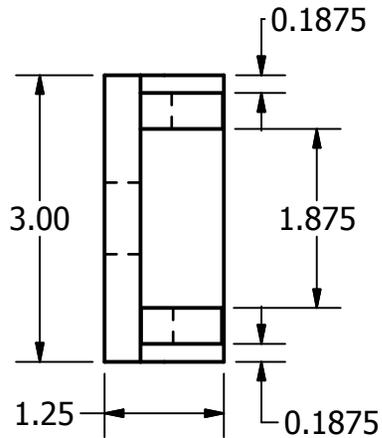


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

# Ford 8N Part #12

Vertical Tube Welded Brace

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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)





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