

Cost-effective Rollover Protective Structure (CROPS)

for Wheeled Agricultural Tractors

FORD 8N SERIES

TECHNICAL DRAWINGS

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



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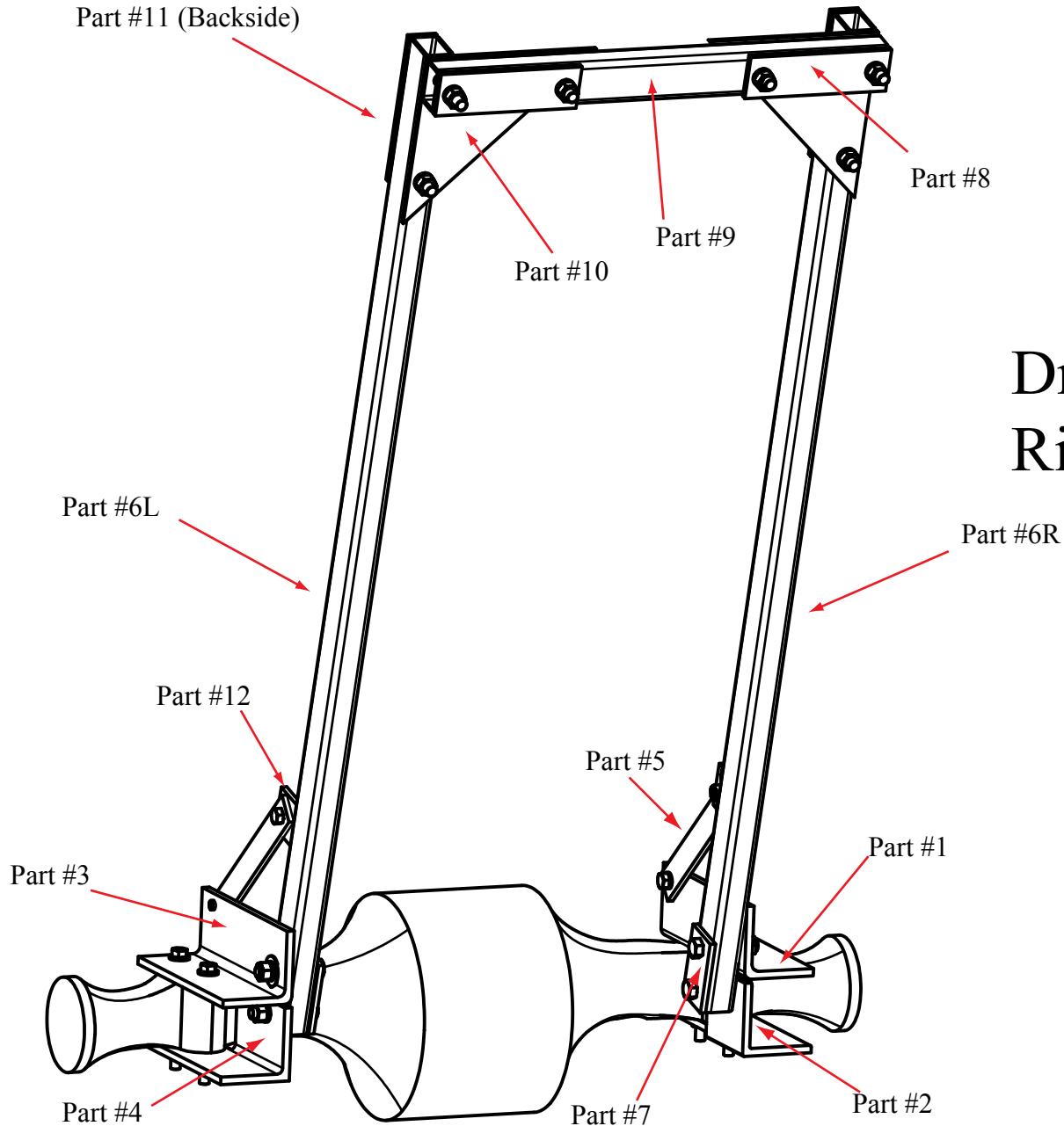
SAFER • HEALTHIER • PEOPLE™

Ford 8N

Parts

Driver's
Left Side

Driver's
Right Side

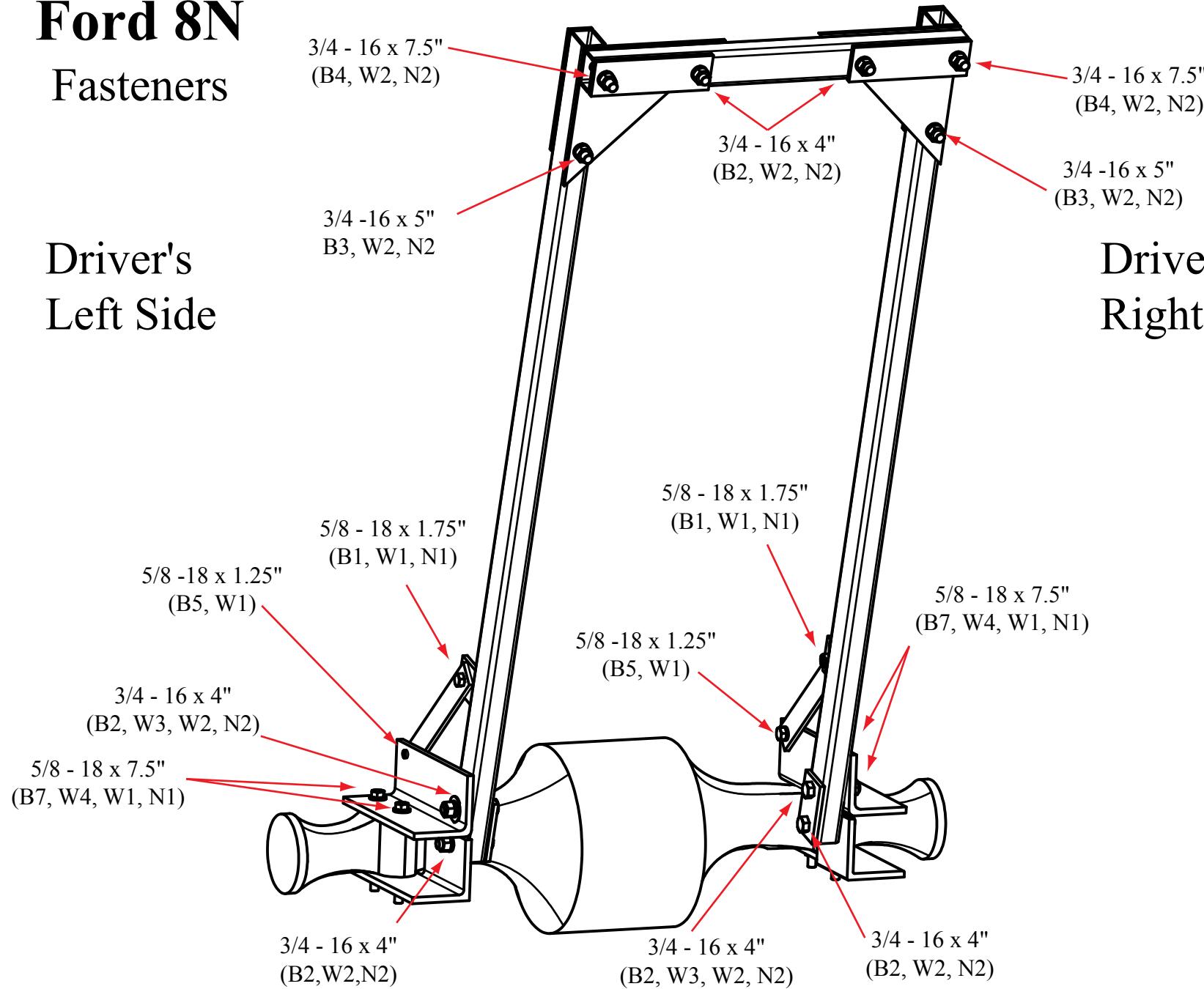


Ford 8N

Fasteners

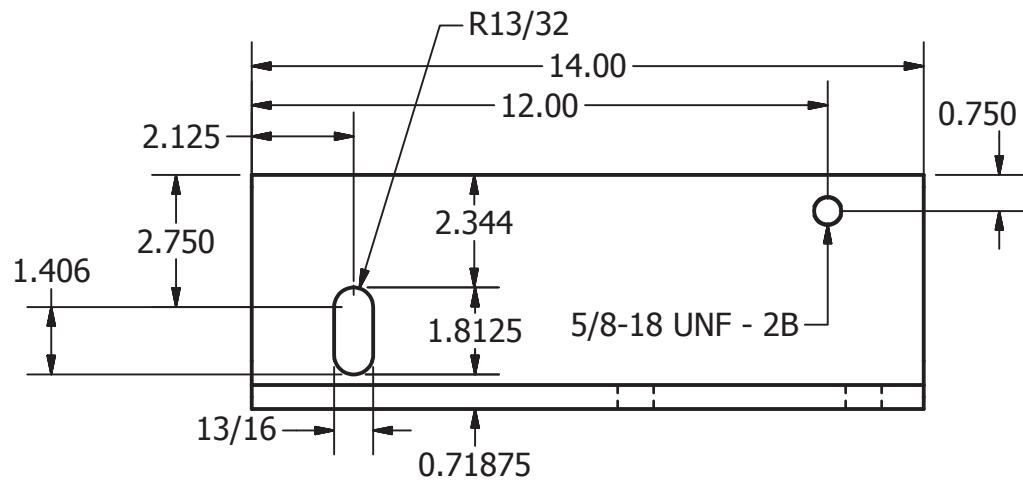
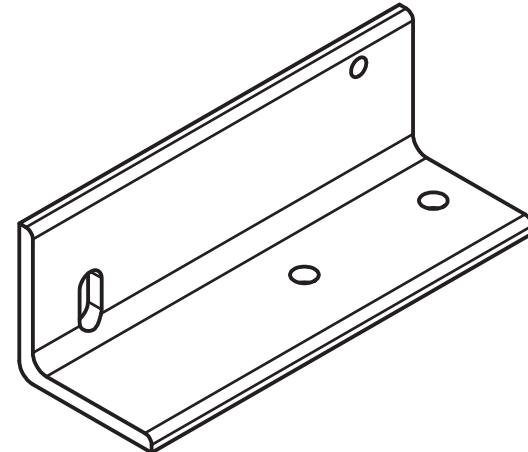
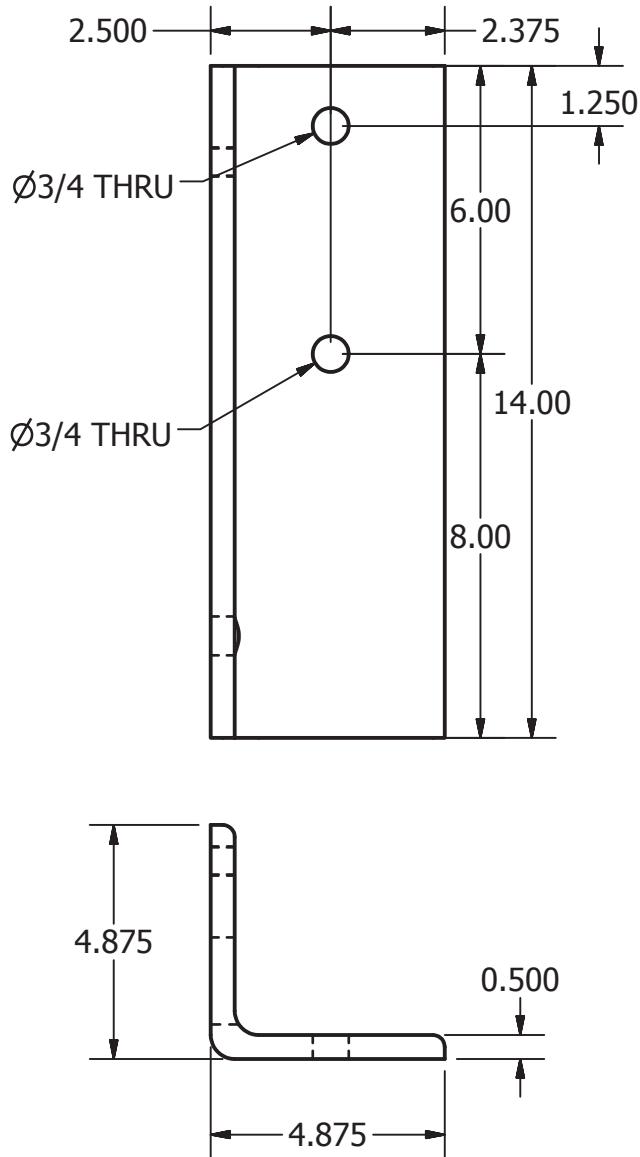
Driver's
Left Side

Driver's
Right Side



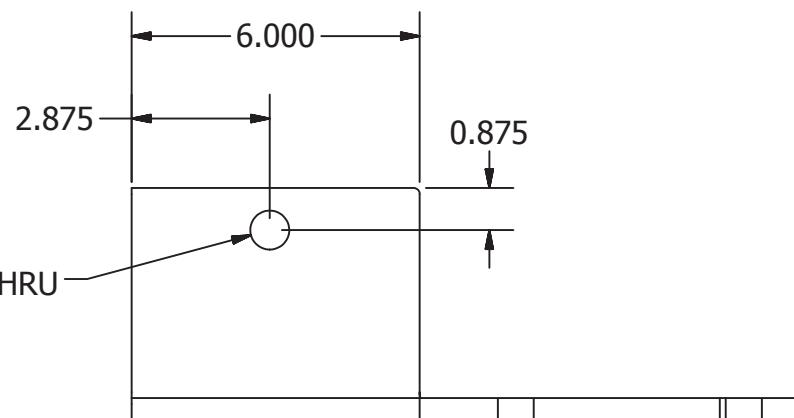
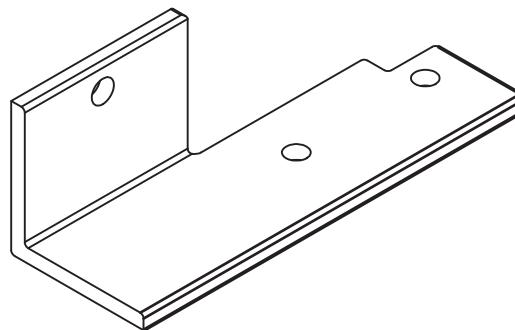
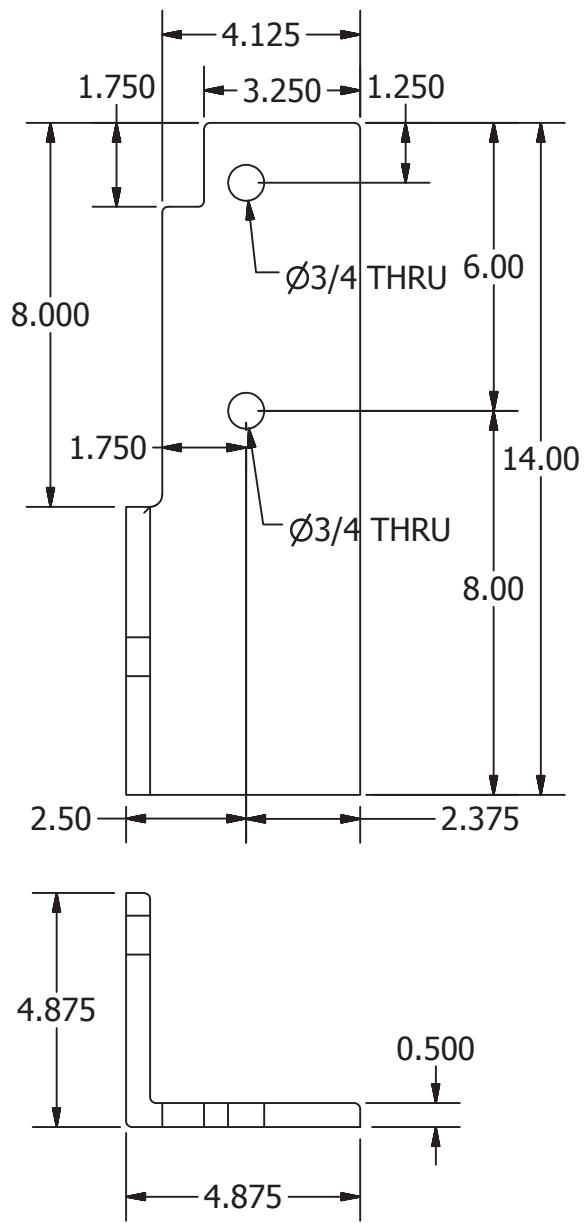
Ford 8N Part #1

Top Right Axle Bracket
Rev 8/18/2011 EAM



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

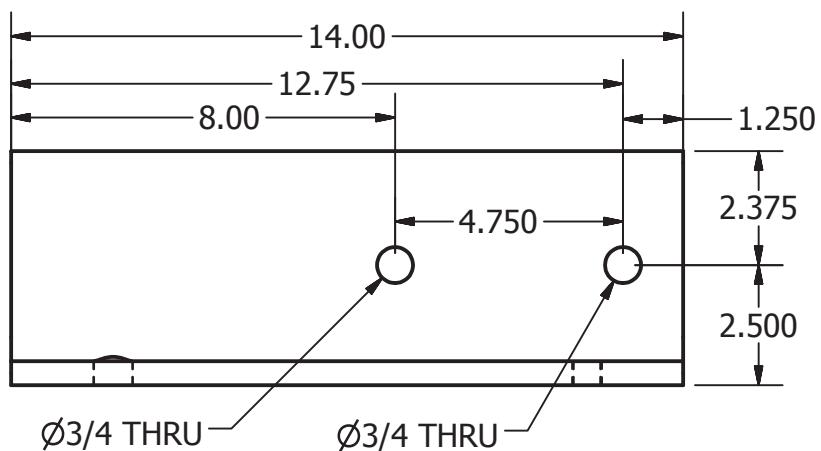
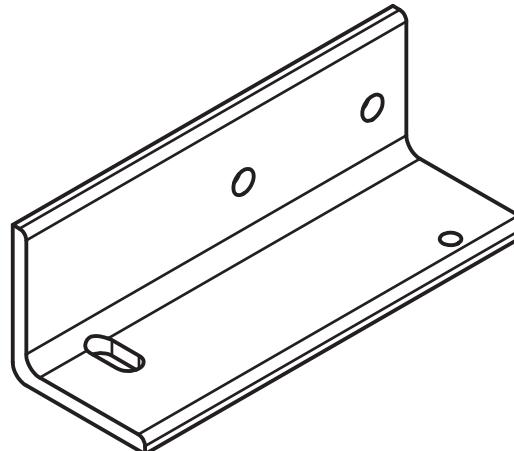
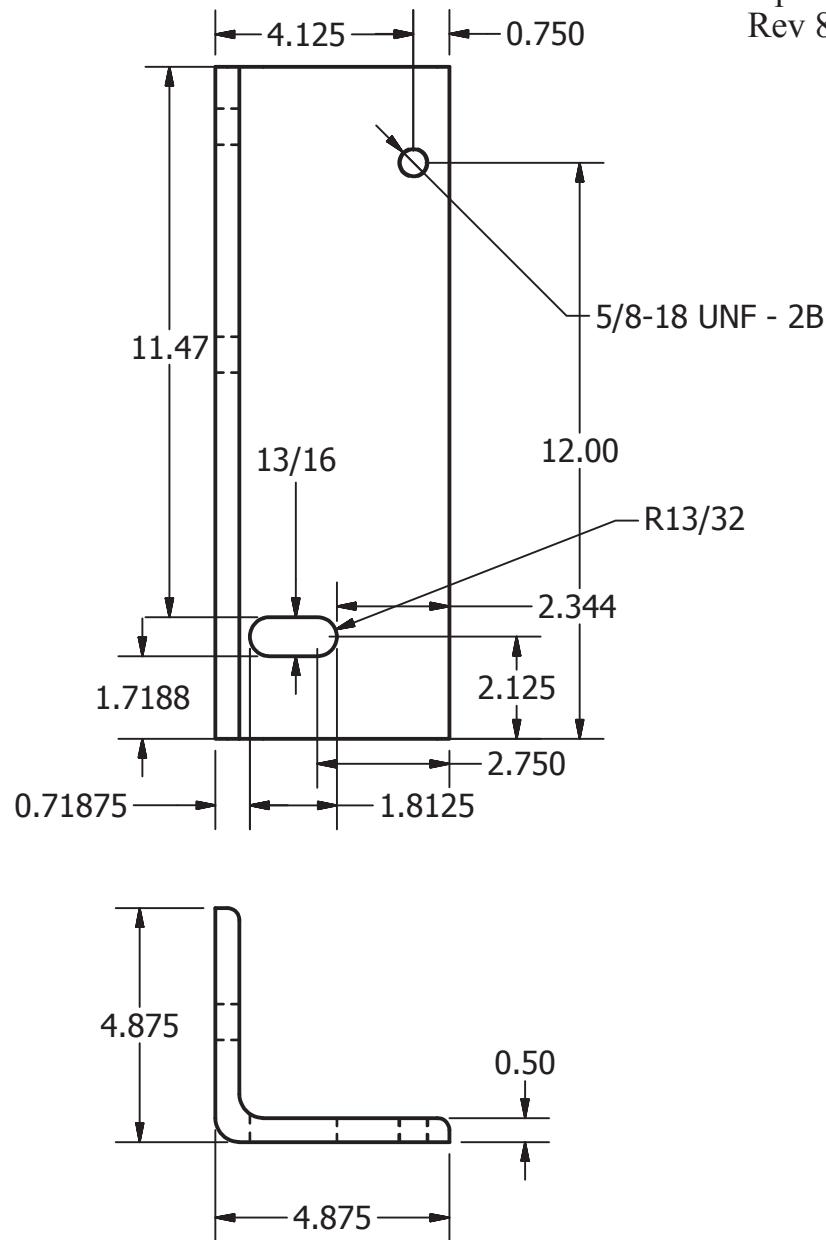
Ford 8N Part #2
 Bottom Right Axle Bracket
 Rev 8/18/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
 Ford 8N Page 6

Ford 8N Part #3

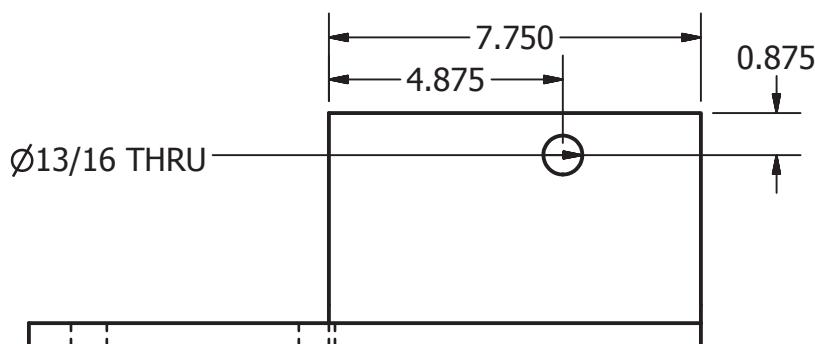
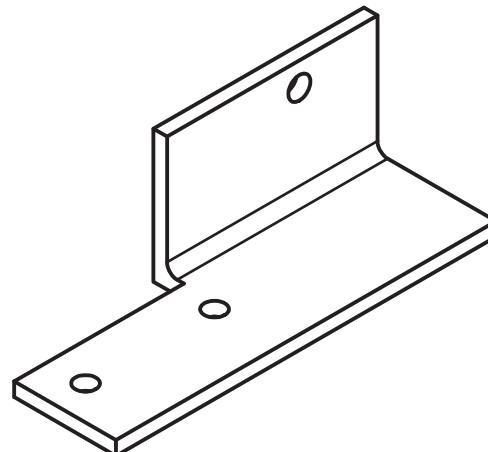
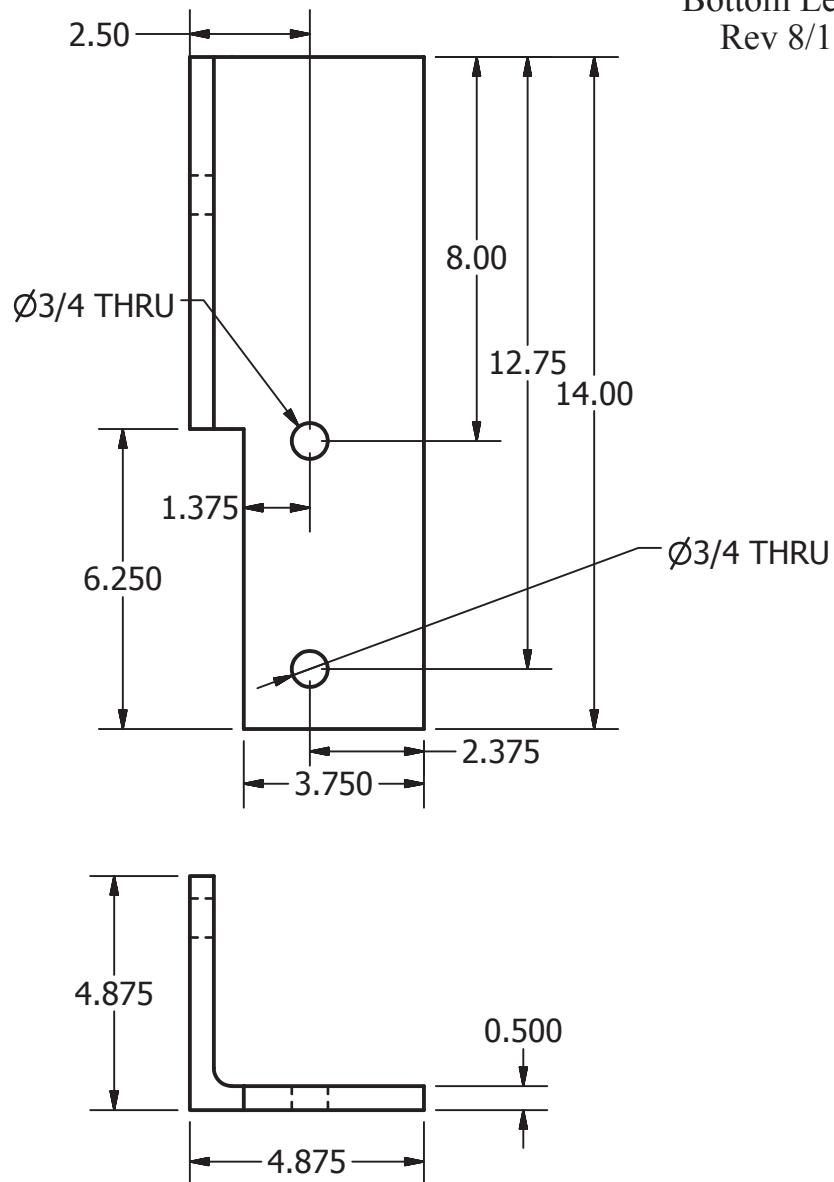
Top Left Axle Bracket
Rev 8/18/2011 EAM



Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)
Ford 8N Page 7

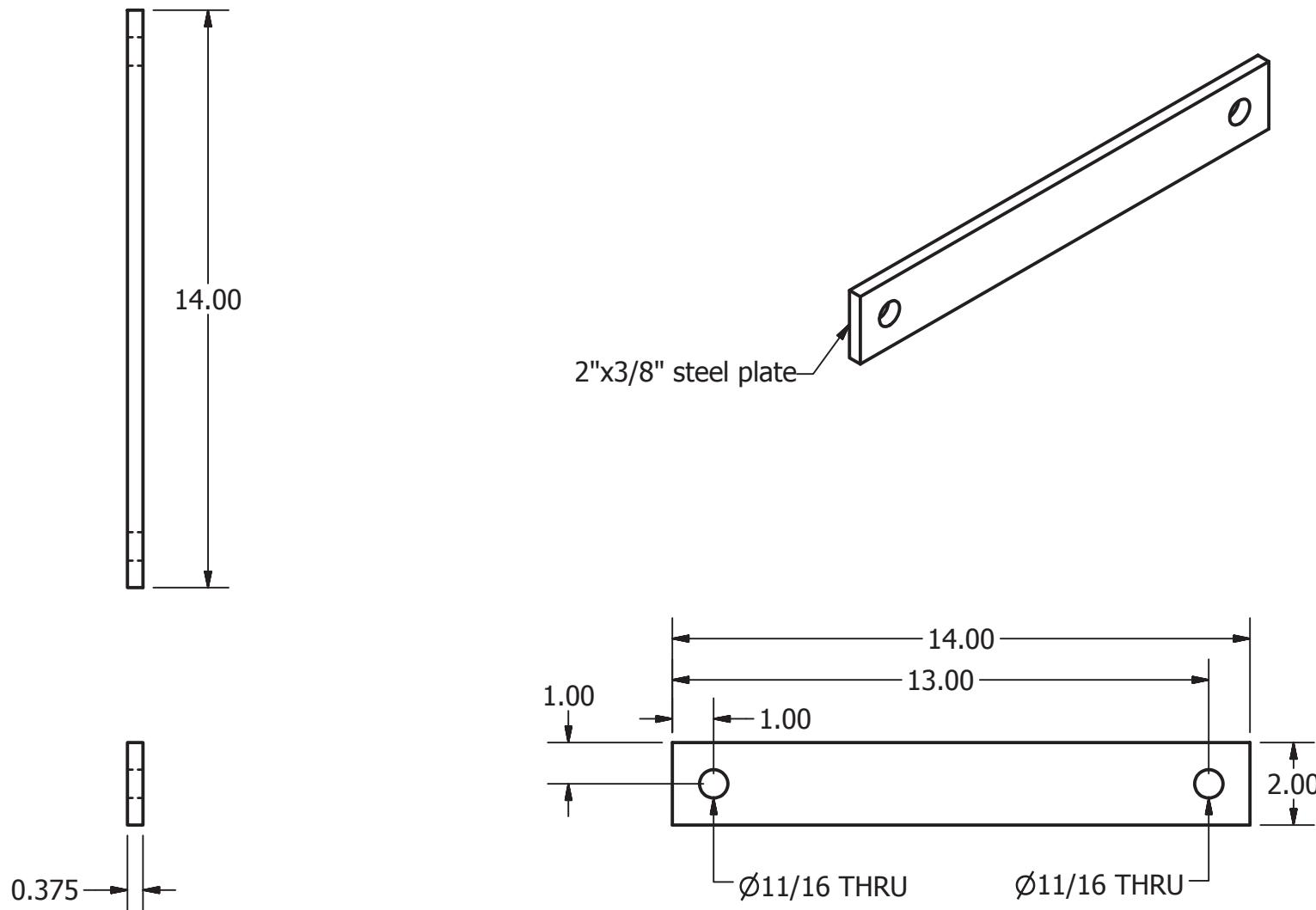
Ford 8N Part #4

Bottom Left Axle Bracket
Rev 8/18/2011 EAM



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

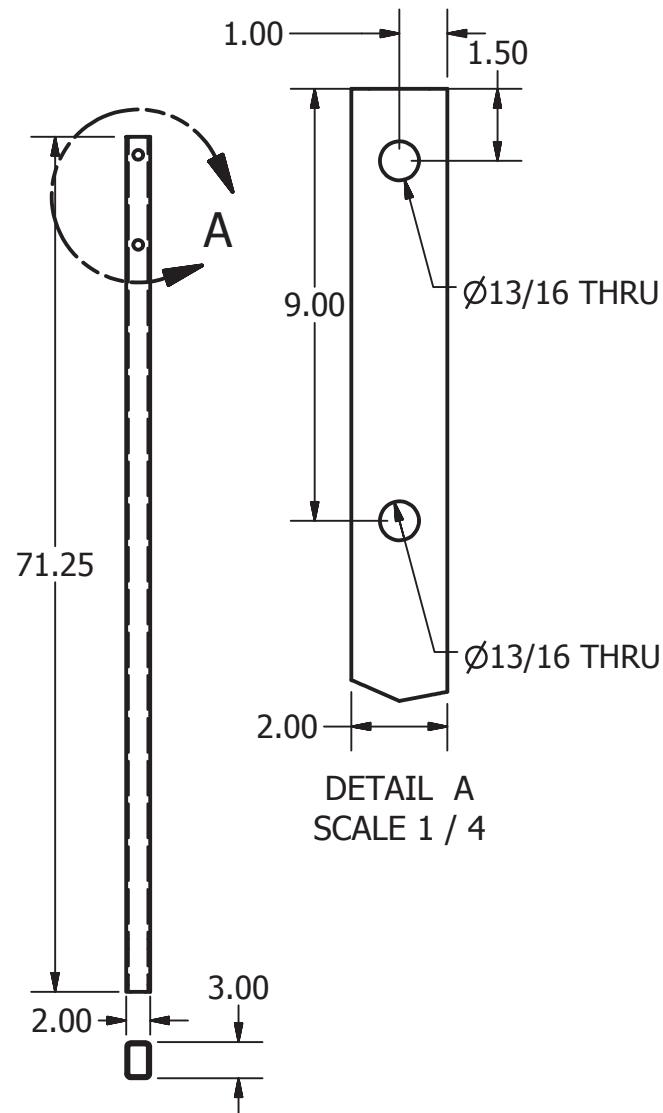
Ford 8N Part #5
Vertical Tube Bolted Brace
Rev 8/18/2011 EAM



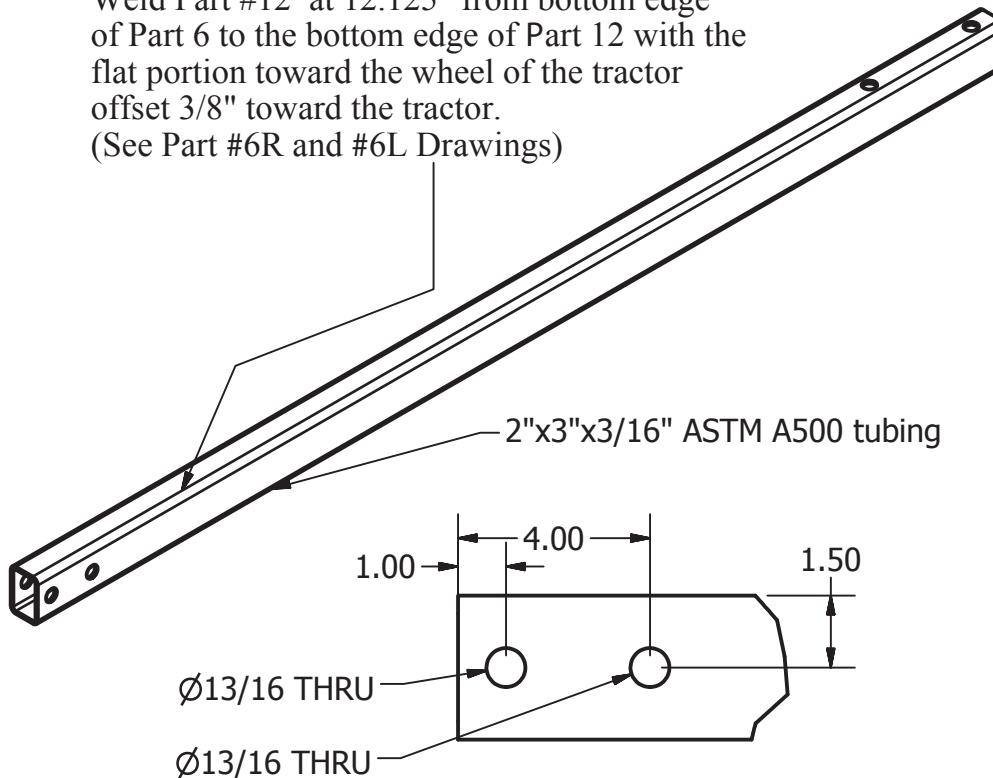
Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 8N Part #6

Vertical Tube
Rev 8/18/2011 EAM

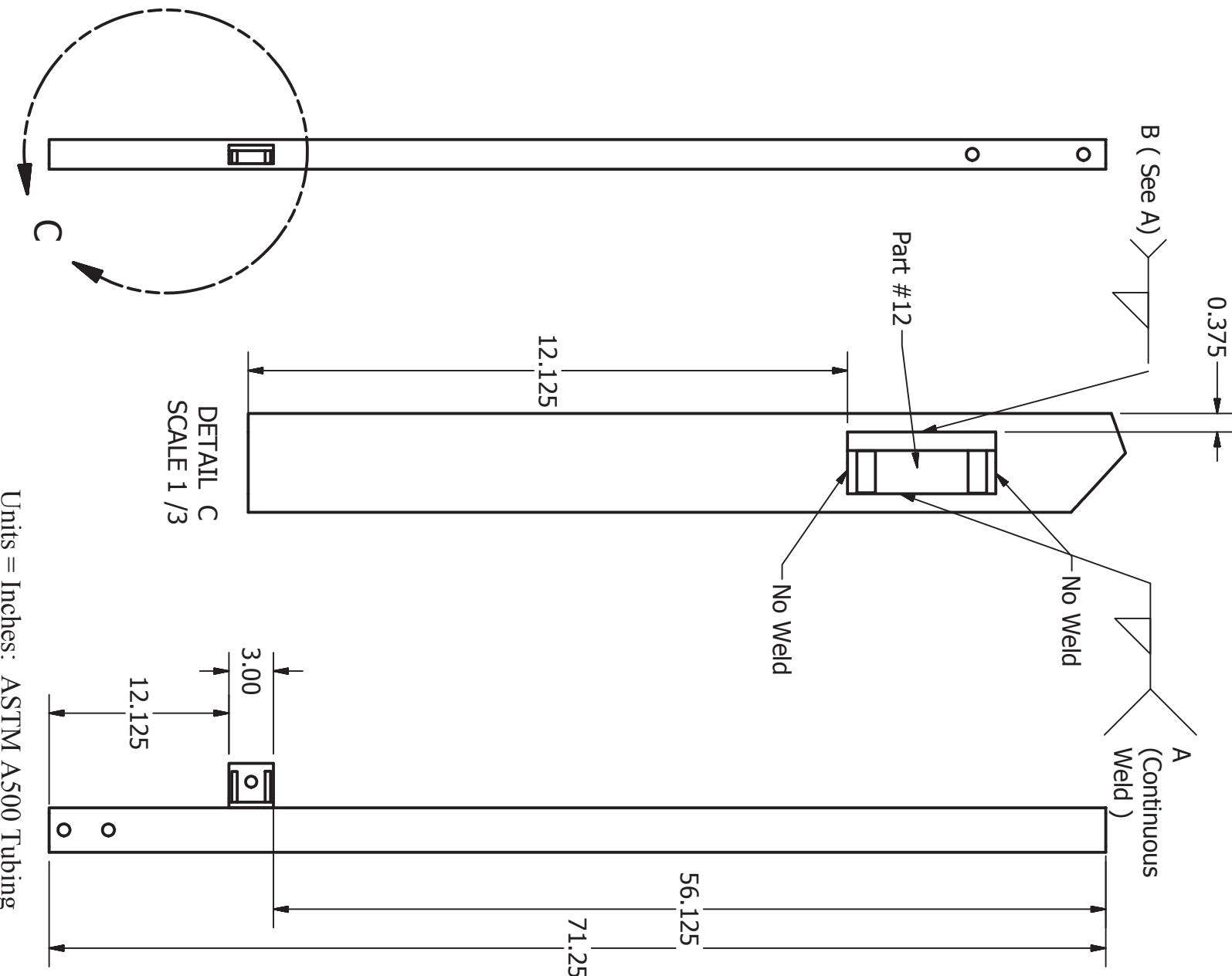


Weld Part #12 at 12.125" from bottom edge of Part 6 to the bottom edge of Part 12 with the flat portion toward the wheel of the tractor offset 3/8" toward the tractor.
(See Part #6R and #6L Drawings)



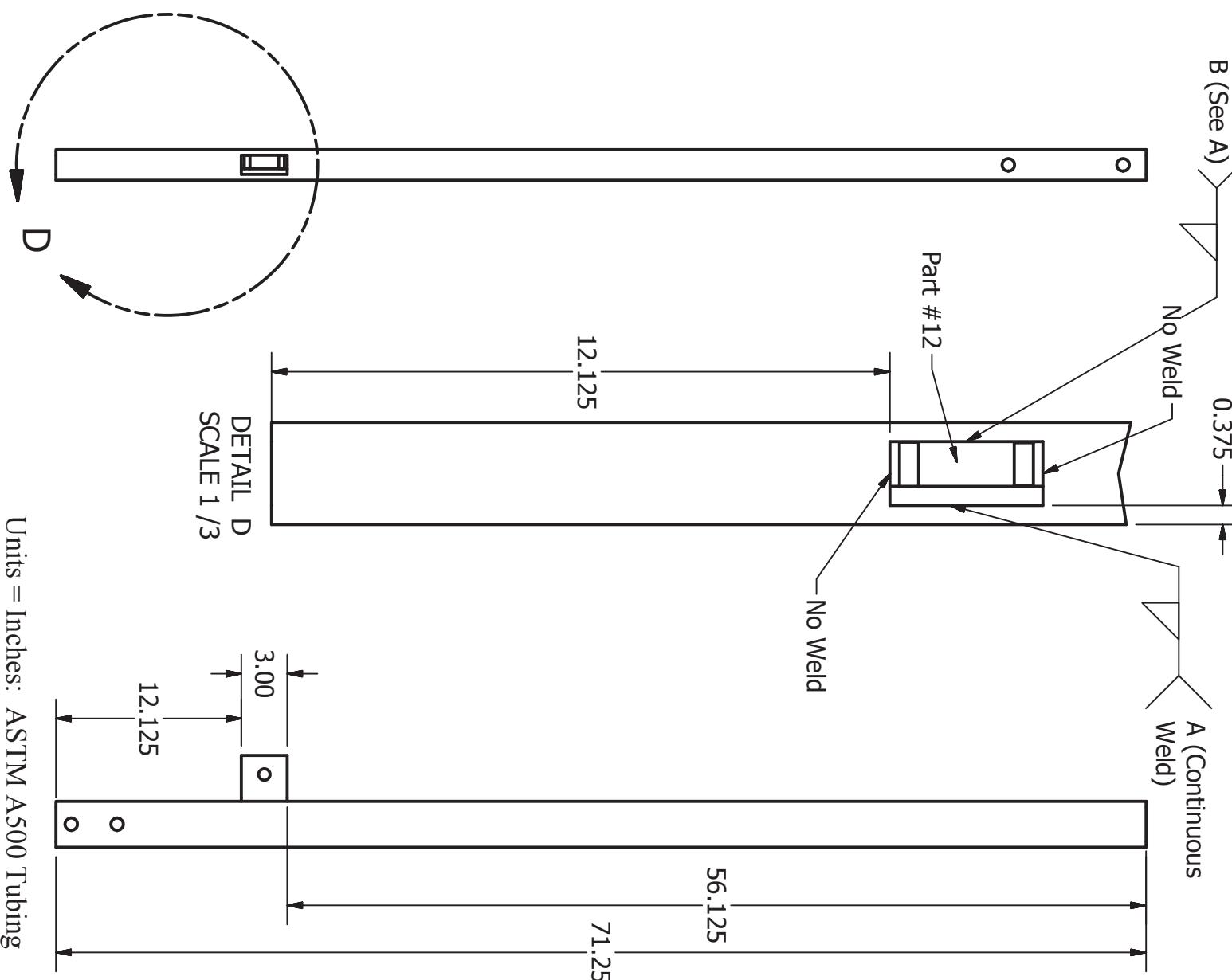
Units = Inches: ASTM A500 Tubing

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



Units = Inches: ASTM A500 Tubing

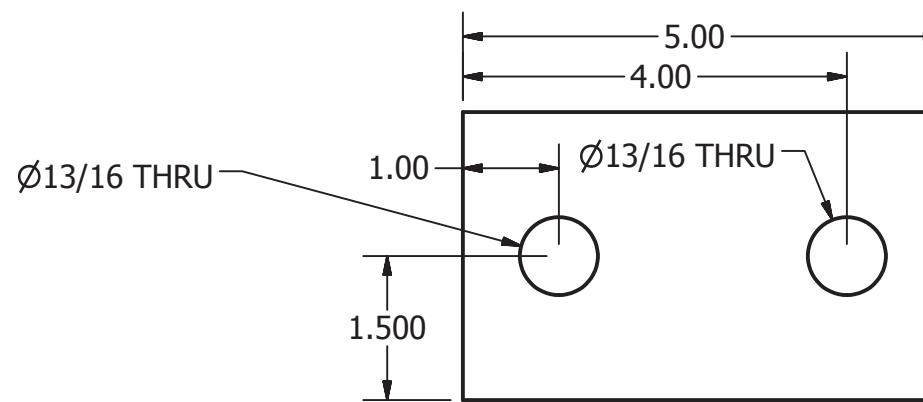
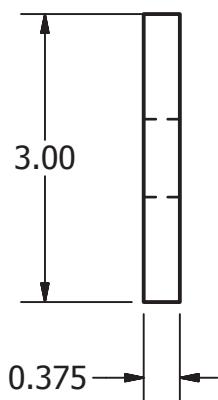
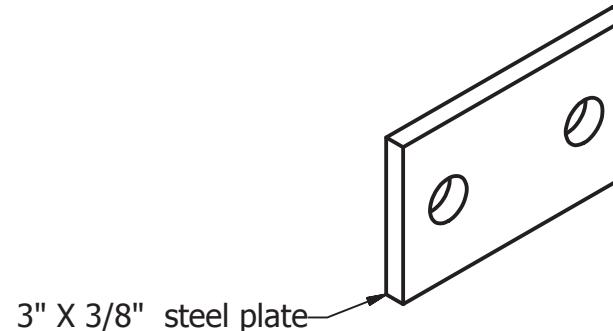
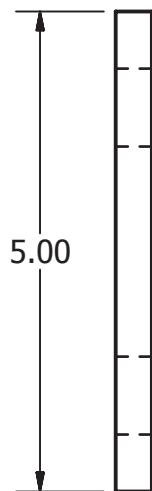
Ford 8N Part #6L
Left Vertical Tube
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Units = Inches: ASTM A500 Tubing

Ford 8N Part #7

Bottom Vertical Tube Backing Plate
Rev 8/18/2011 EAM

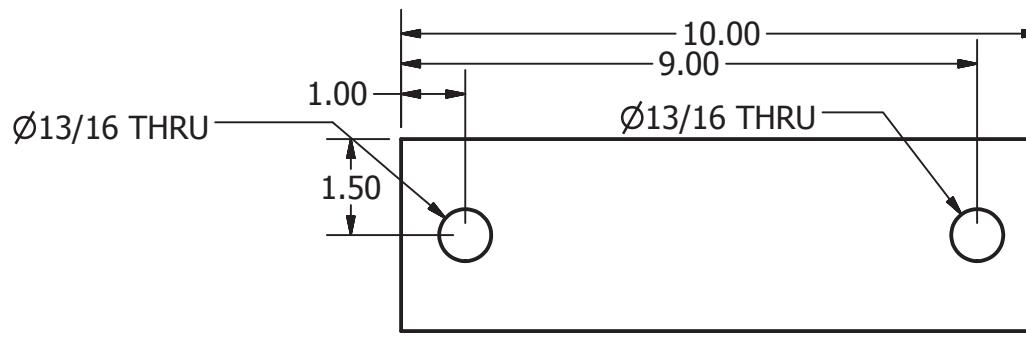
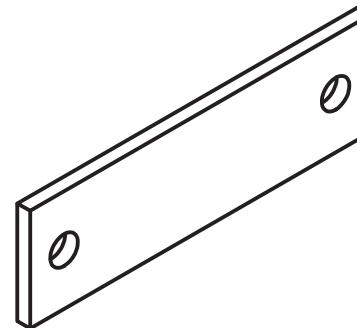
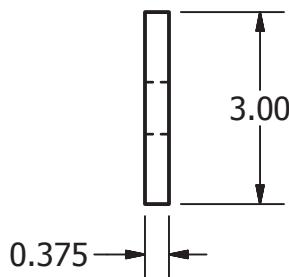
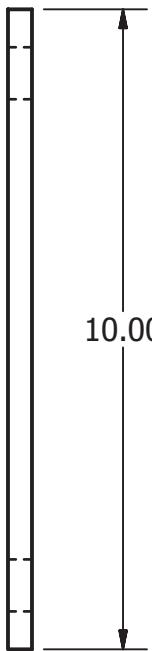


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 8N Part #8

Cross Bar Backing Plate

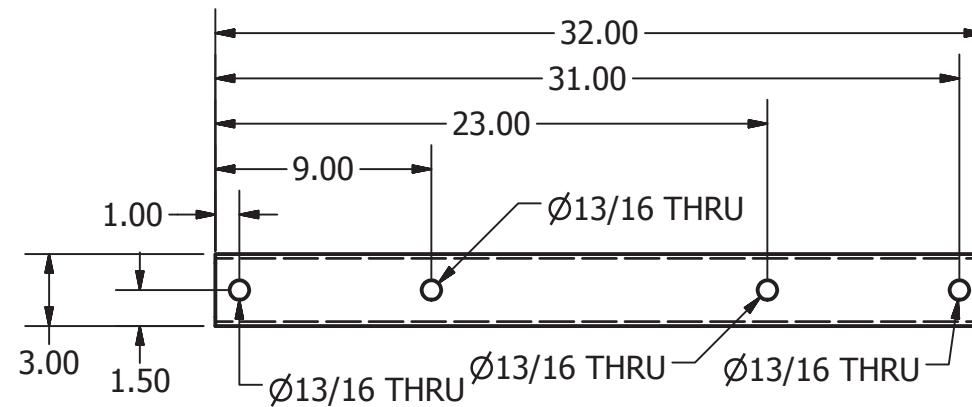
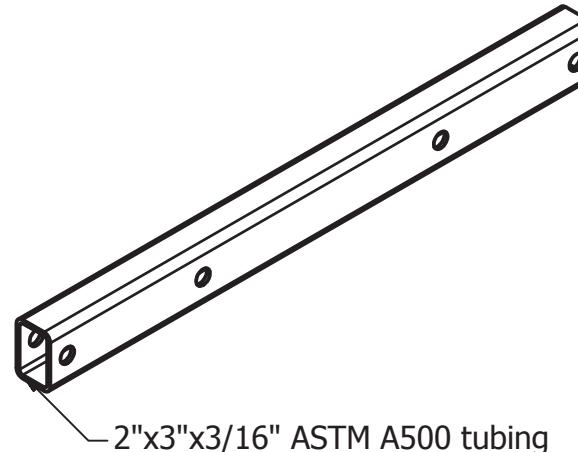
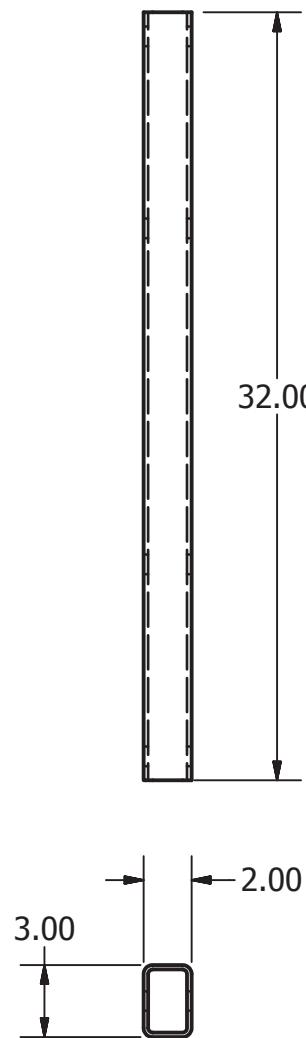
Rev 8/18/2011 EAM



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

Ford 8N Part #9

Cross Bar
Rev 8/18/2011 EAM

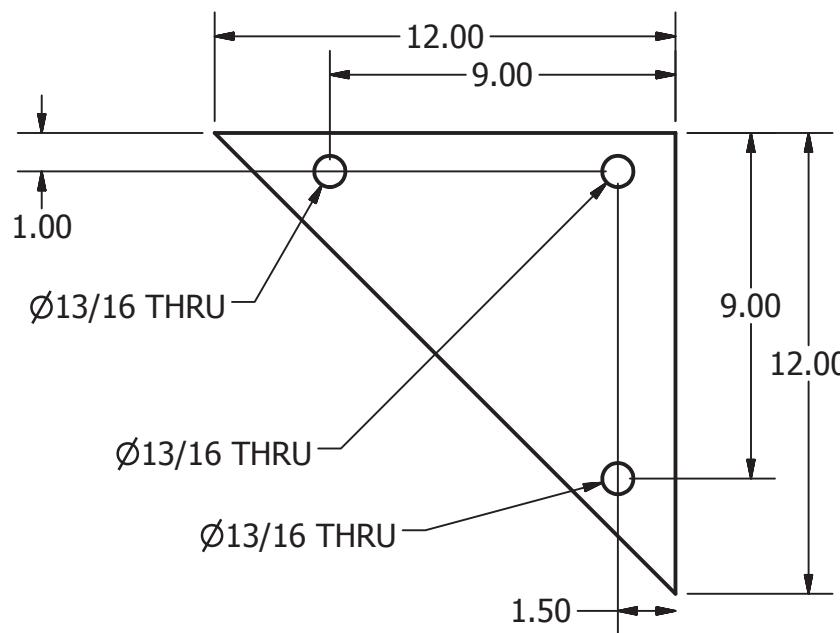
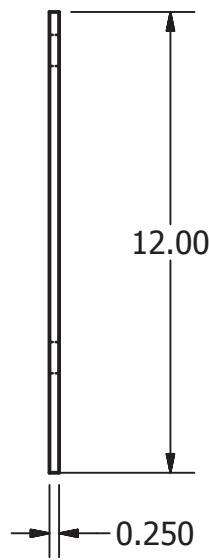
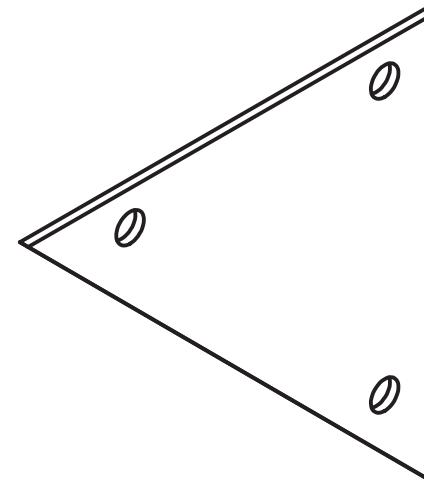
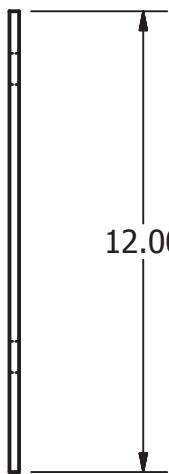


Units = Inches: ASTM A500 Tubing

Ford 8N Part #10

Corner Plate

Rev 8/18/2011 EAM

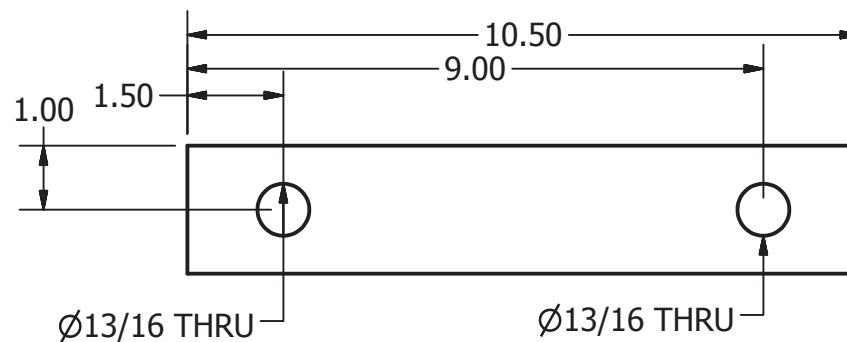
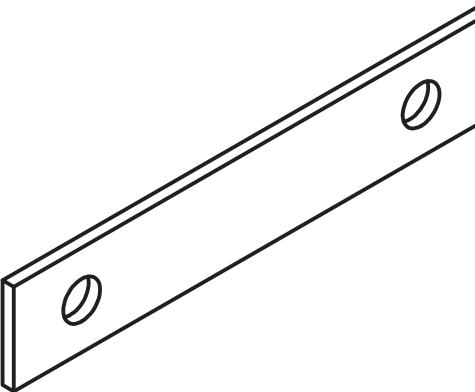
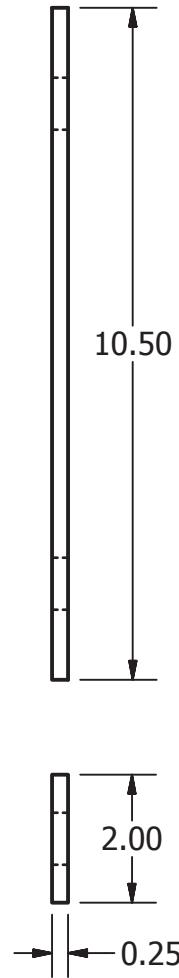


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 8N Part #11

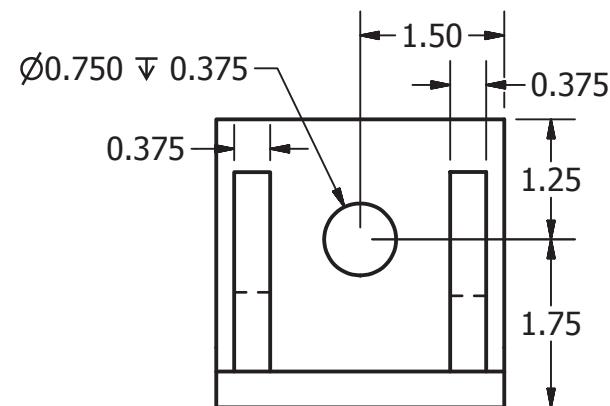
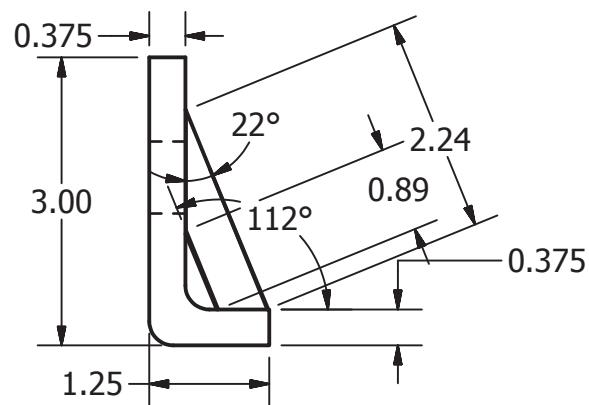
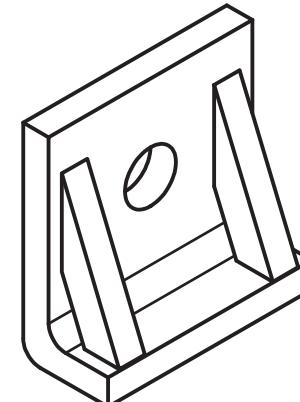
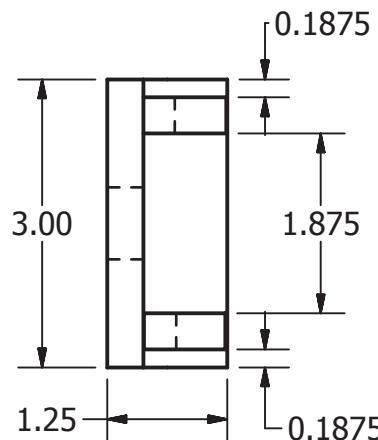
Top Vertical Tube Backing Plate

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

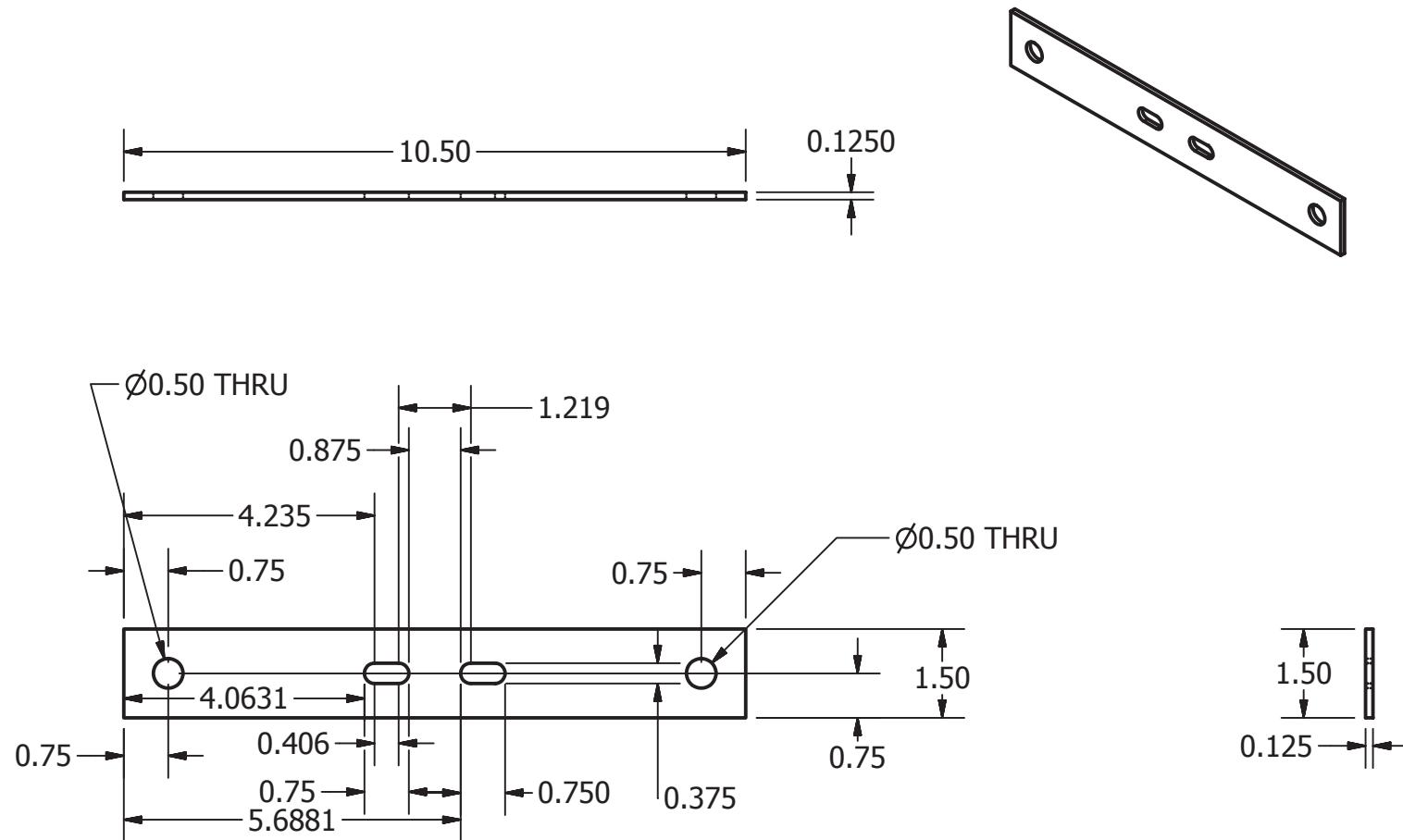
Ford 8N Part #12
 Vertical Tube Welded Brace
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 8N Part #13

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



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