

Cost-effective Rollover Protective Structure (CROPS)

for Wheeled Agricultural Tractors

Ford 4000 SERIES

TECHNICAL DRAWINGS

Note: “Left” and “Right” refer to the tractor operators’ left or right as they sit in the seat looking forward.

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



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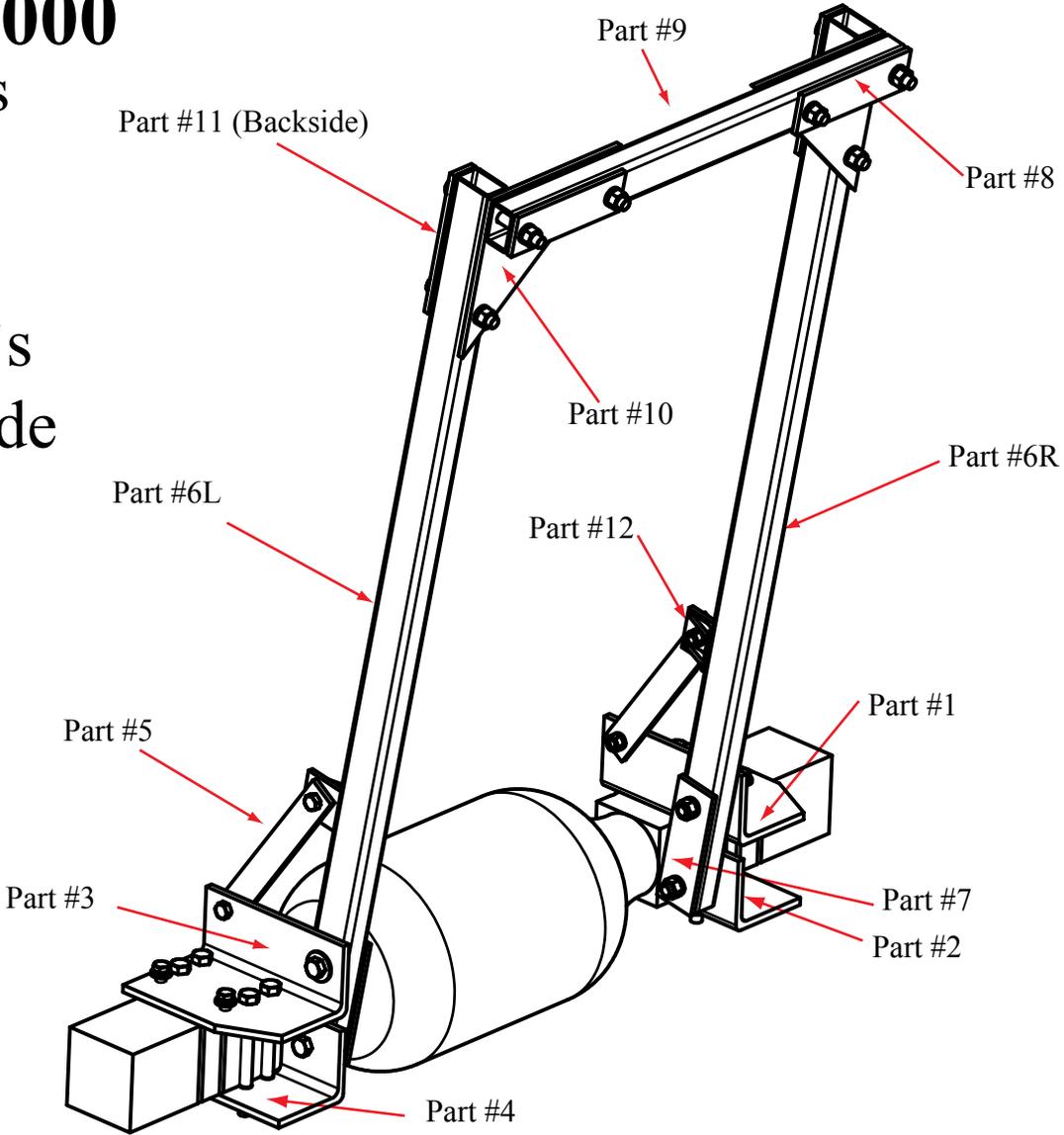
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Ford 4000 Parts

Driver's
Left Side

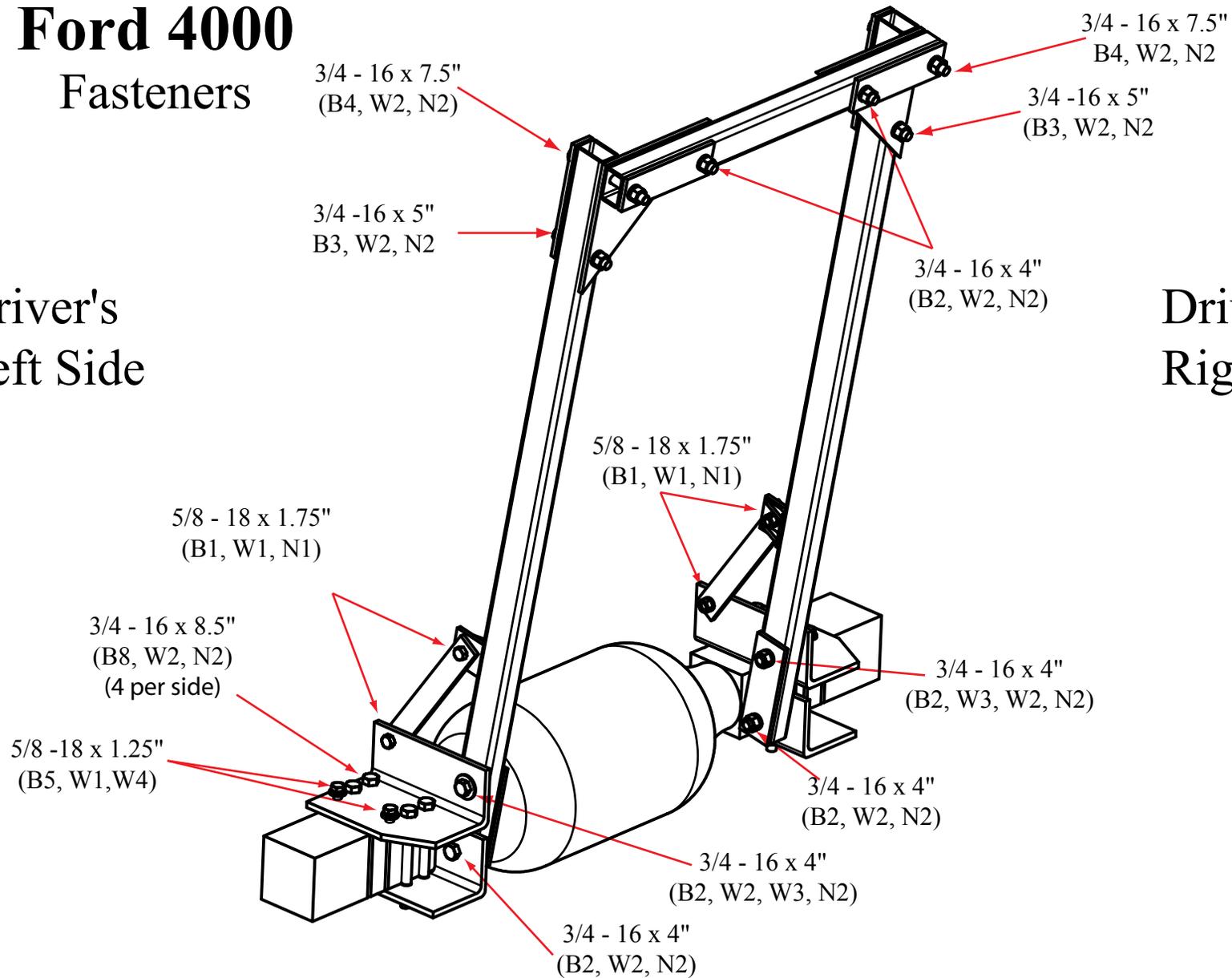
Driver's
Right Side



Ford 4000 Fasteners

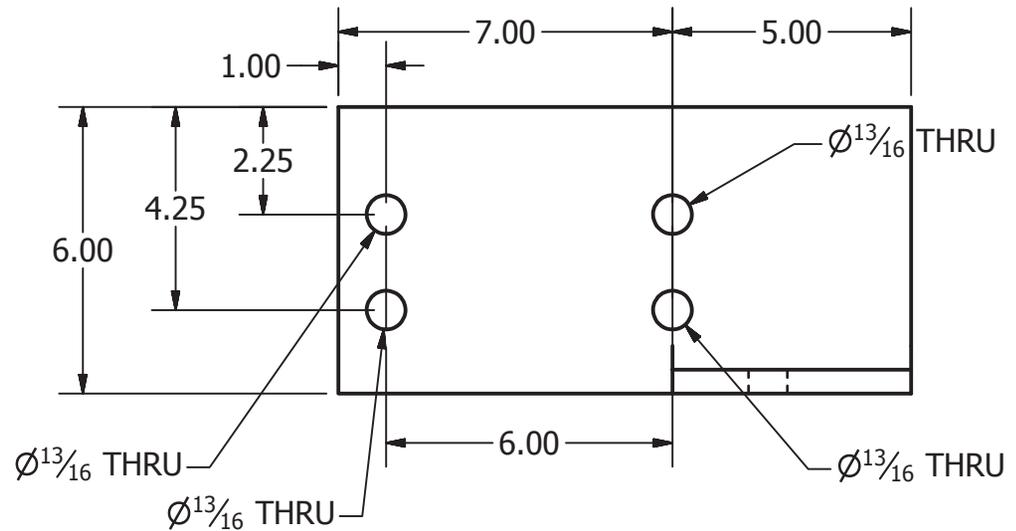
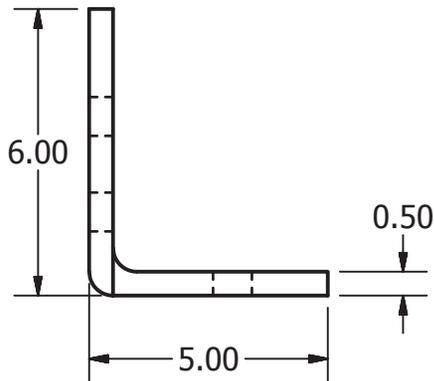
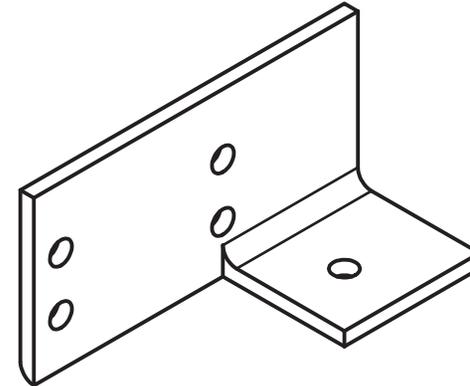
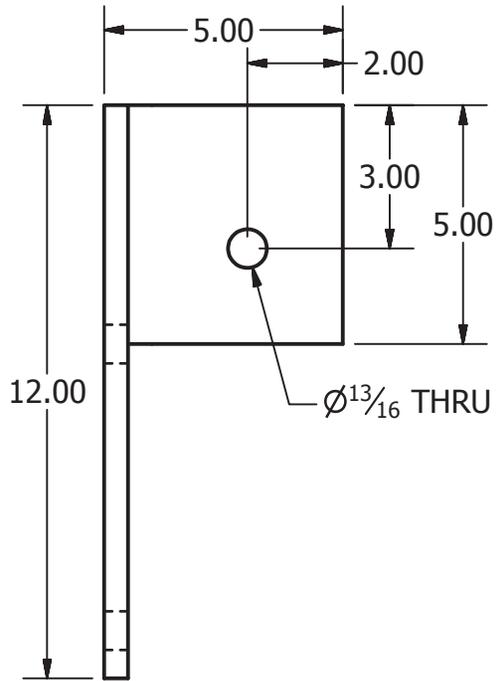
Driver's
Left Side

Driver's
Right Side



Ford 4000 Part #2

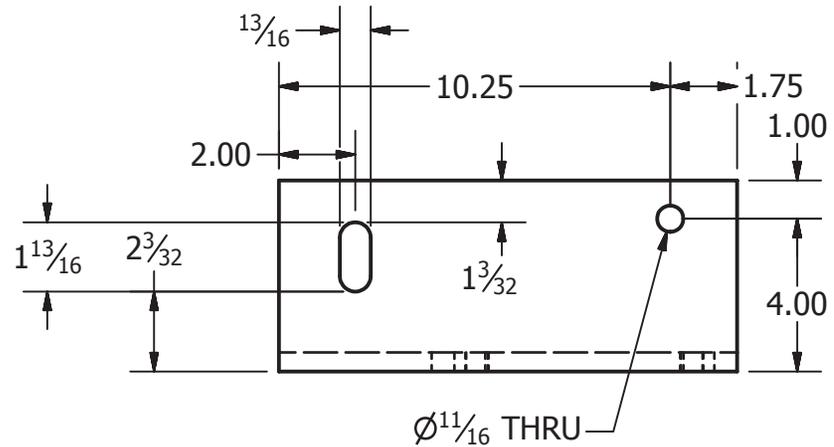
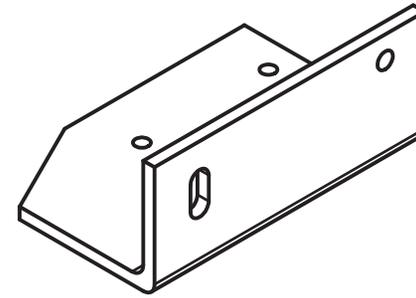
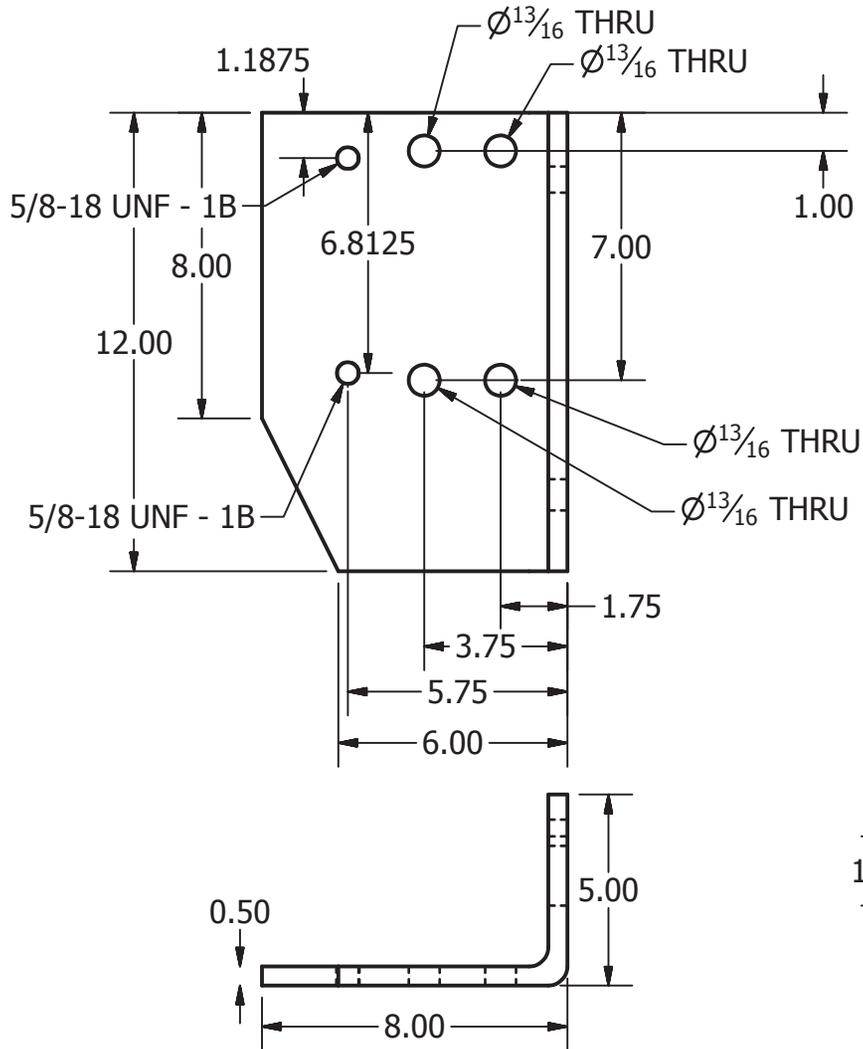
Bottom Right Axle Bracket
Rev 8/18/2011 EAM



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

Ford 4000 Part #3

Top Left Axle Bracket
Rev 8/18/2011 EAM

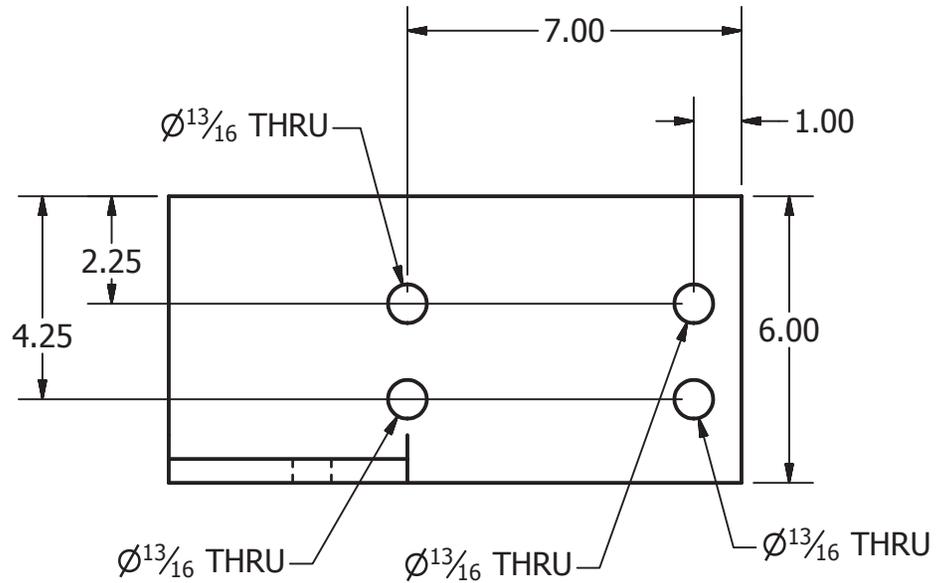
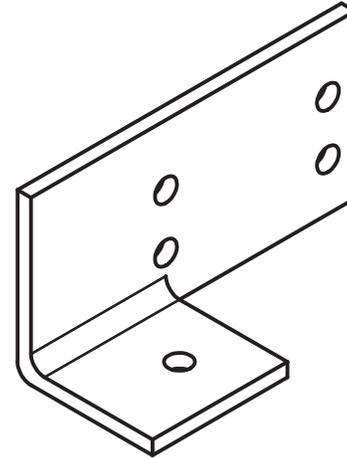
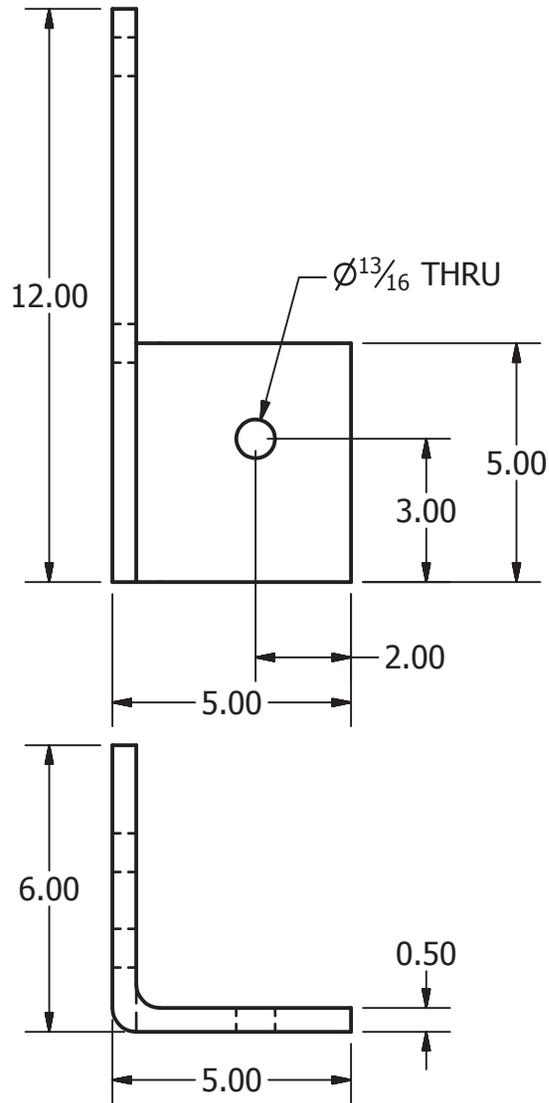


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 4000 Part #4

Bottom Left Axle Bracket

Rev 8/18/2011 EAM

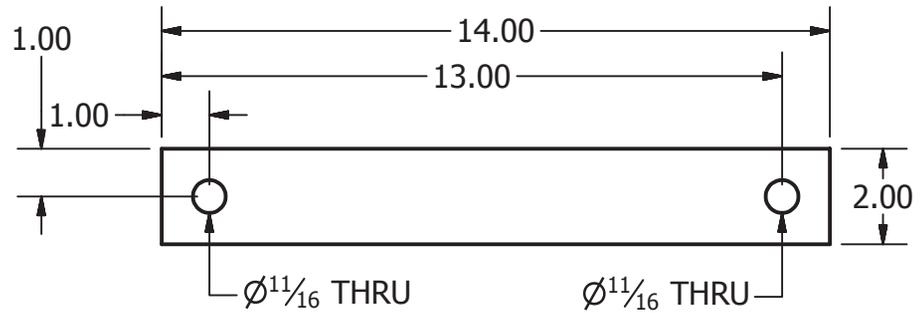
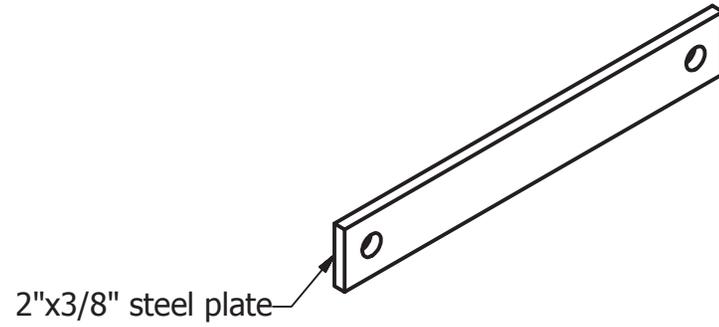
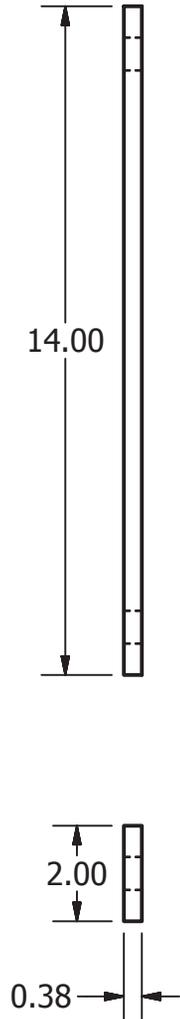


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 4000 Part #5

Vertical Tube Bolted Brace

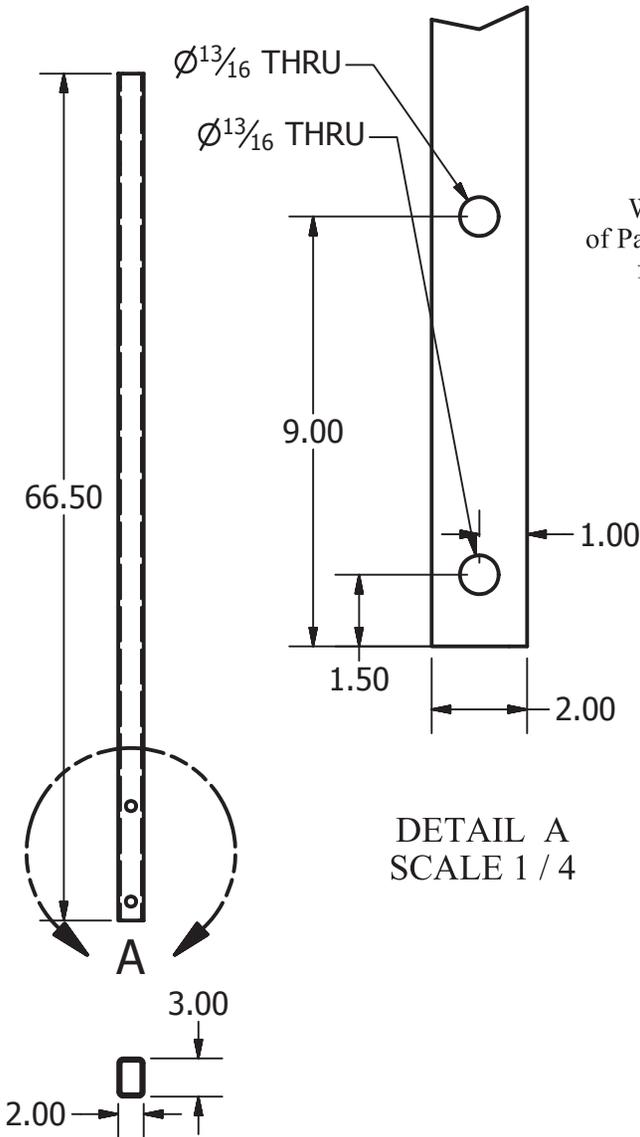
Rev 8/18/2011 EAM



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

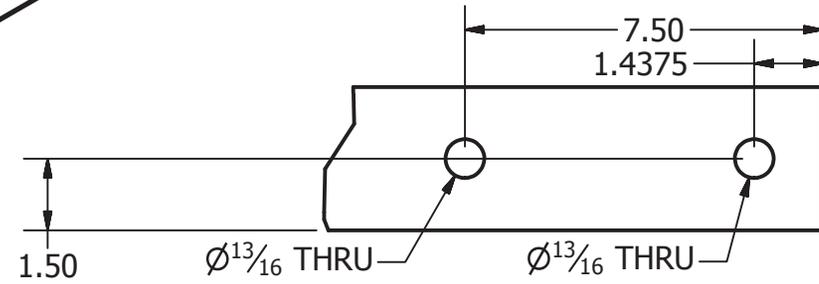
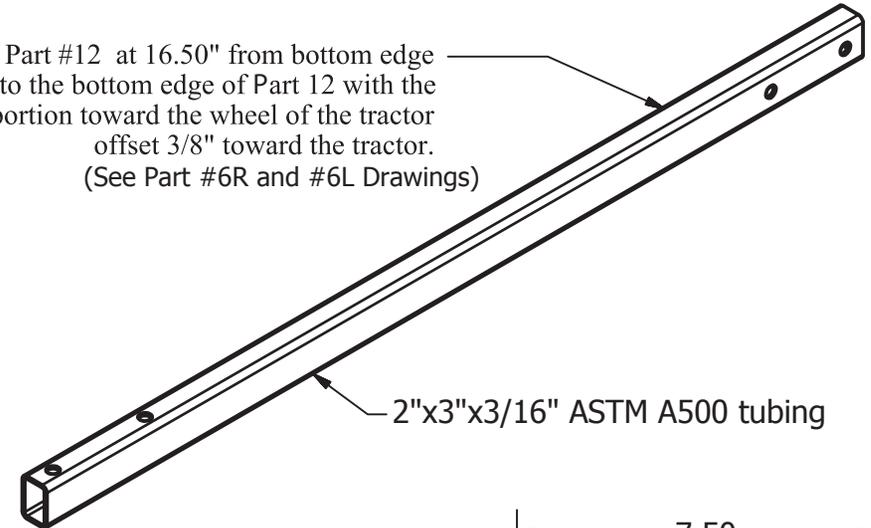
Ford 4000 Part #6

Vertical Tube
Rev 8/18/2011 EAM



DETAIL A
SCALE 1 / 4

Weld Part #12 at 16.50" 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)

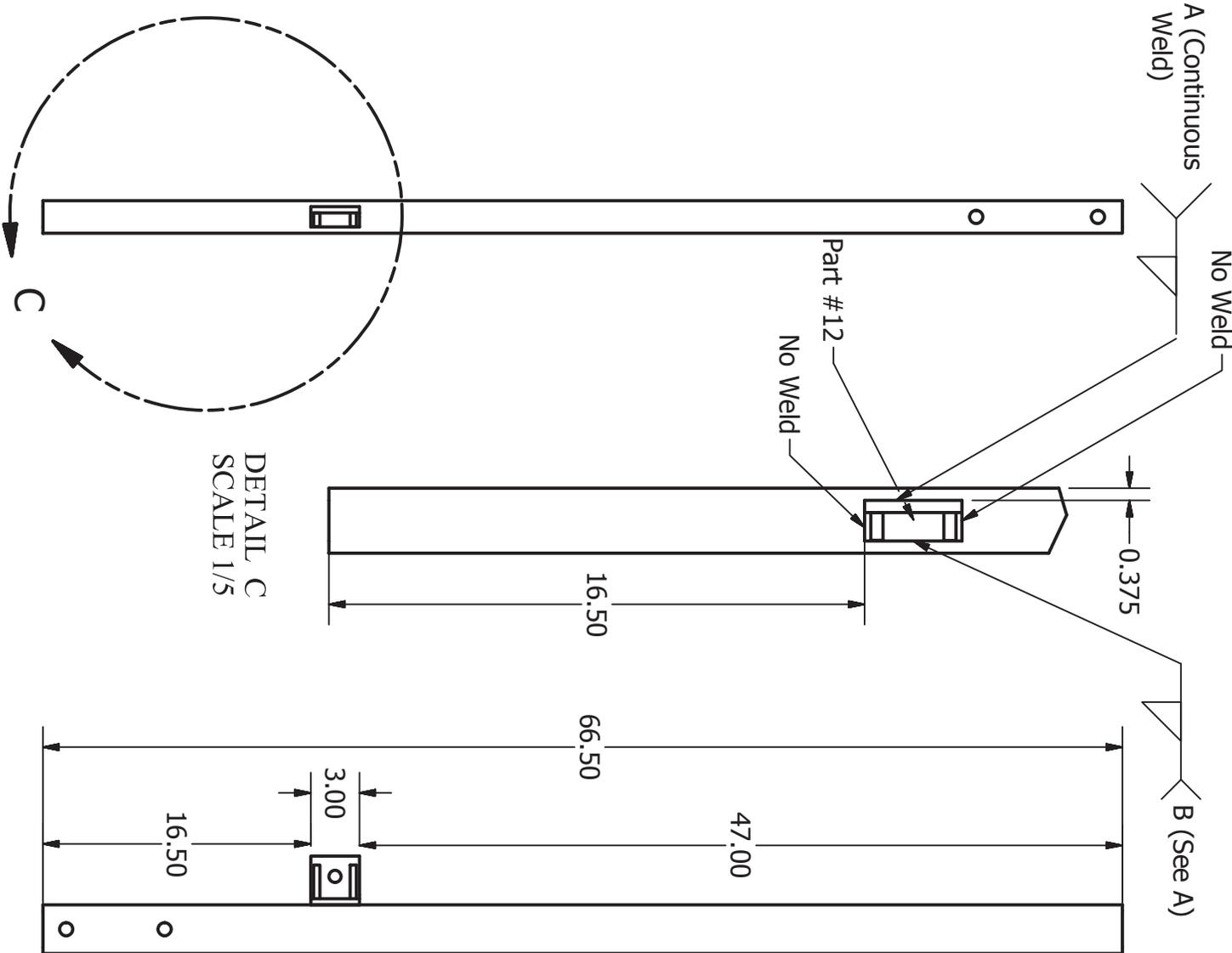


DETAIL B
SCALE 1 / 4



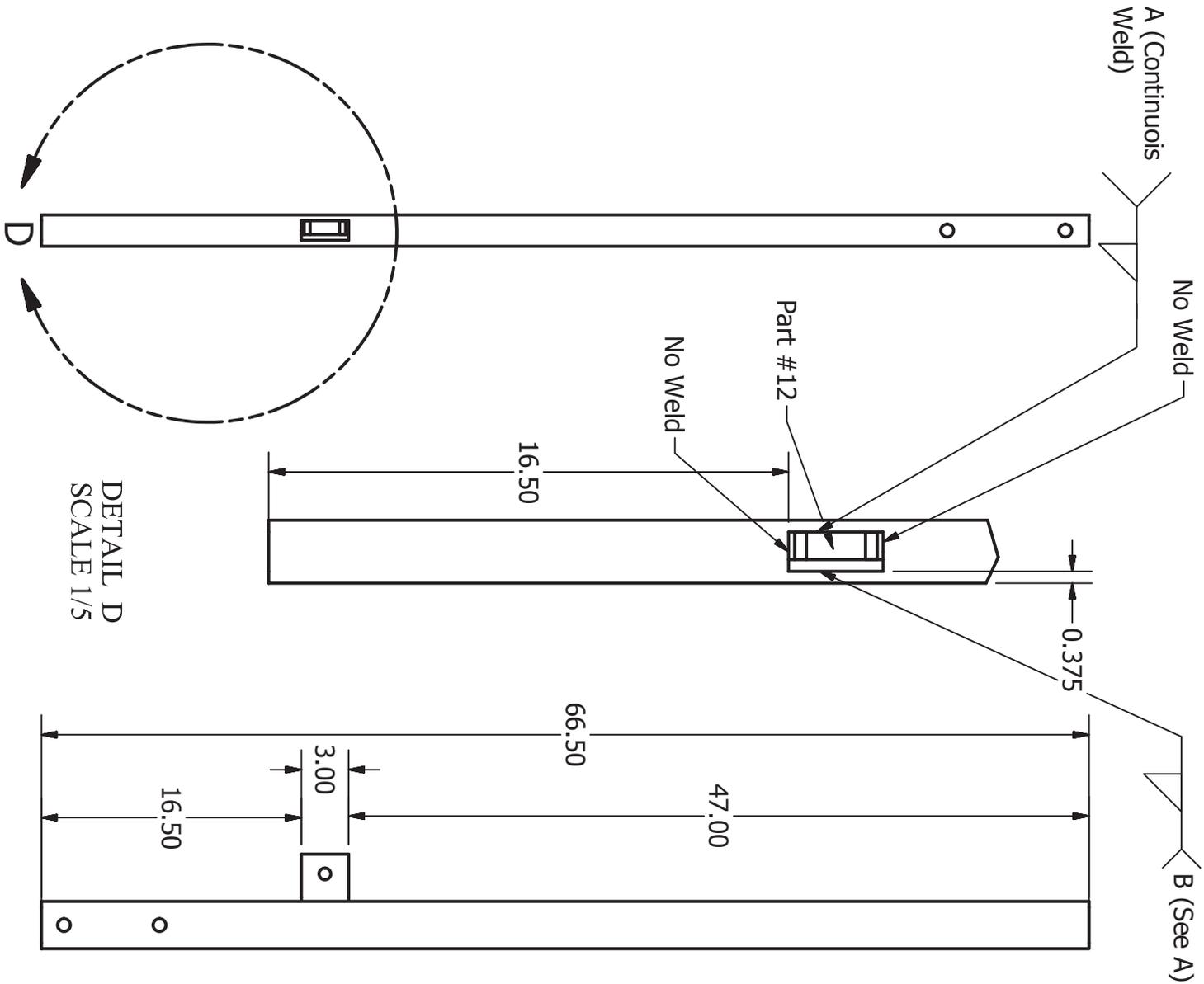
Units = Inches: ASTM A500 Tubing

Ford 4000 Part #6R
Right Vertical Tube
Rev 8/18/2011 EAM



DETAIL C
SCALE 1/5

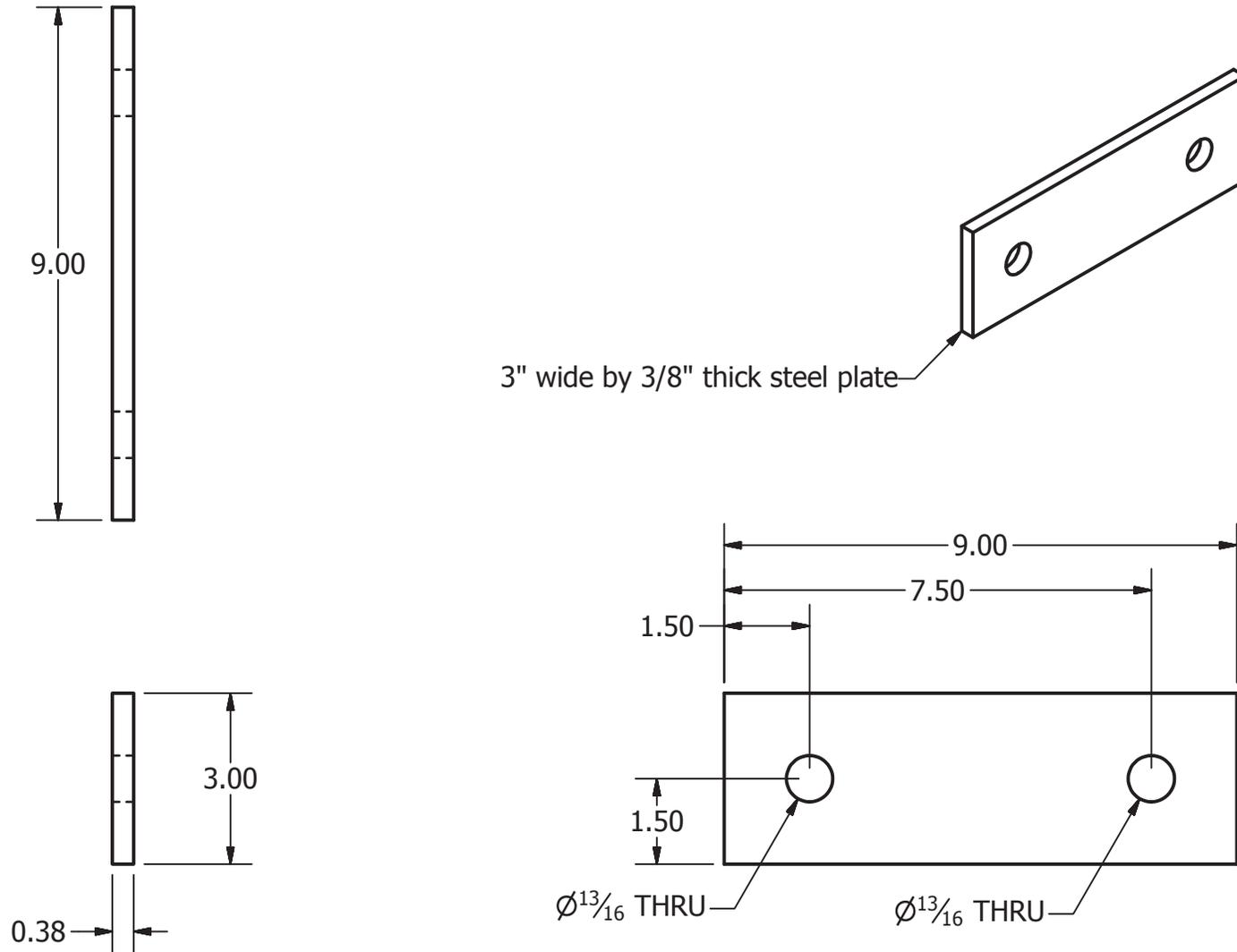
Ford 4000 Part #6L
Left Vertical Tube
Rev 8/18/2011 EAM



Ford 4000 Part #7

Bottom Vertical Tube Backing Plate

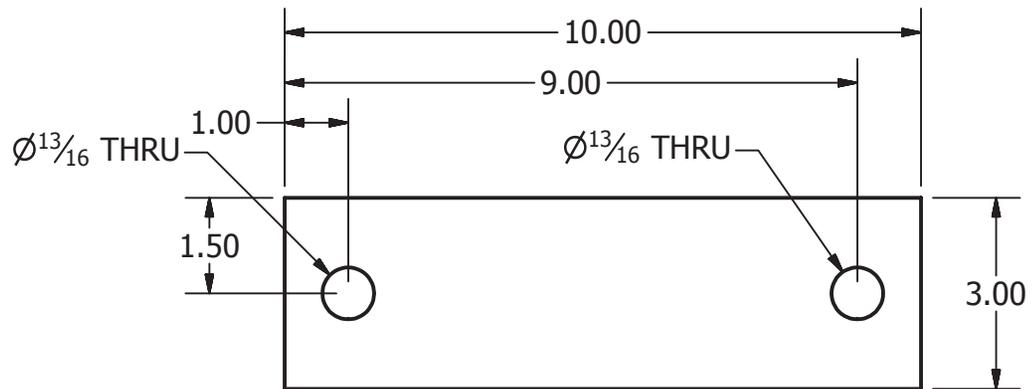
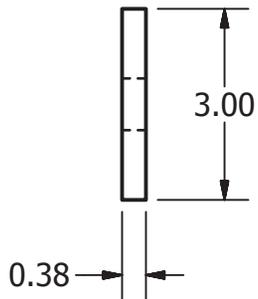
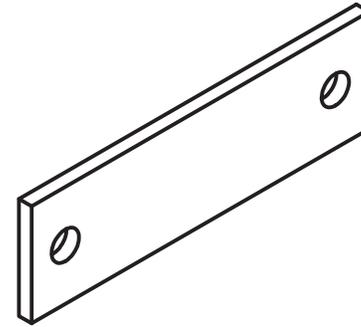
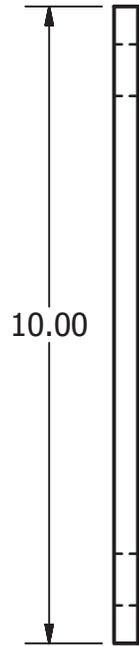
Rev 8/18/2011 EAM



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

Ford 4000 Part #8

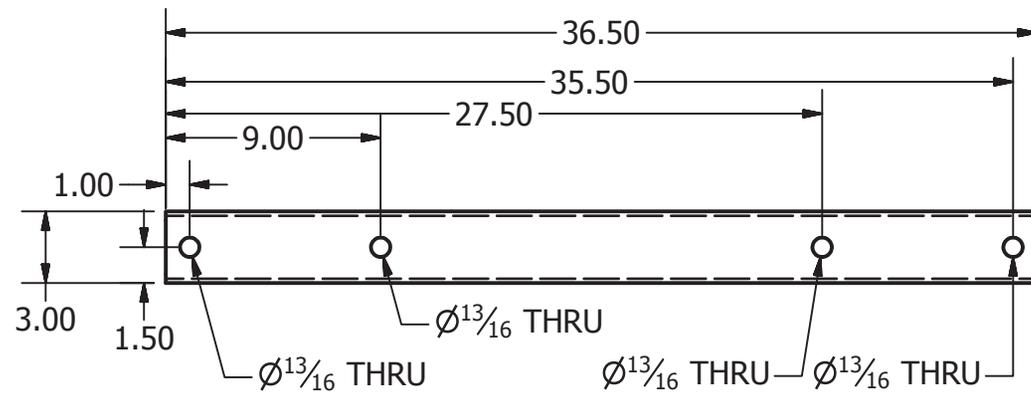
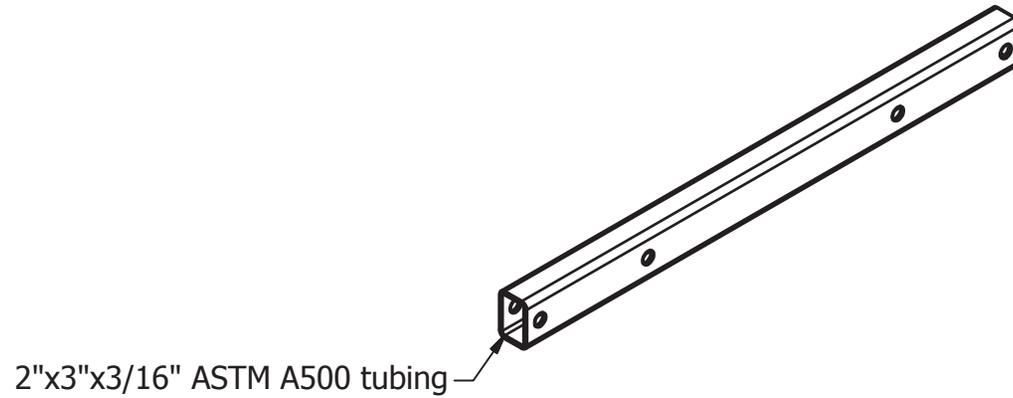
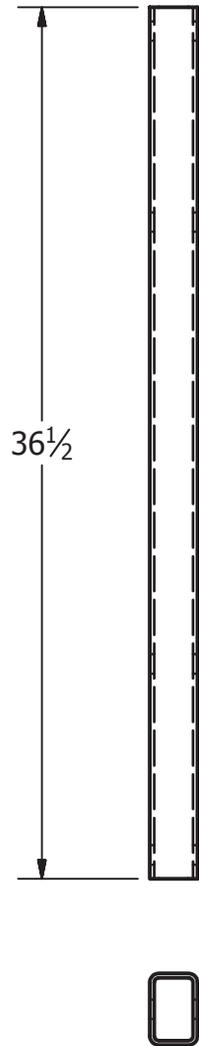
Cross Bar Backing Plate
Rev 8/18/2011 EAM



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

Ford 4000 Part #9

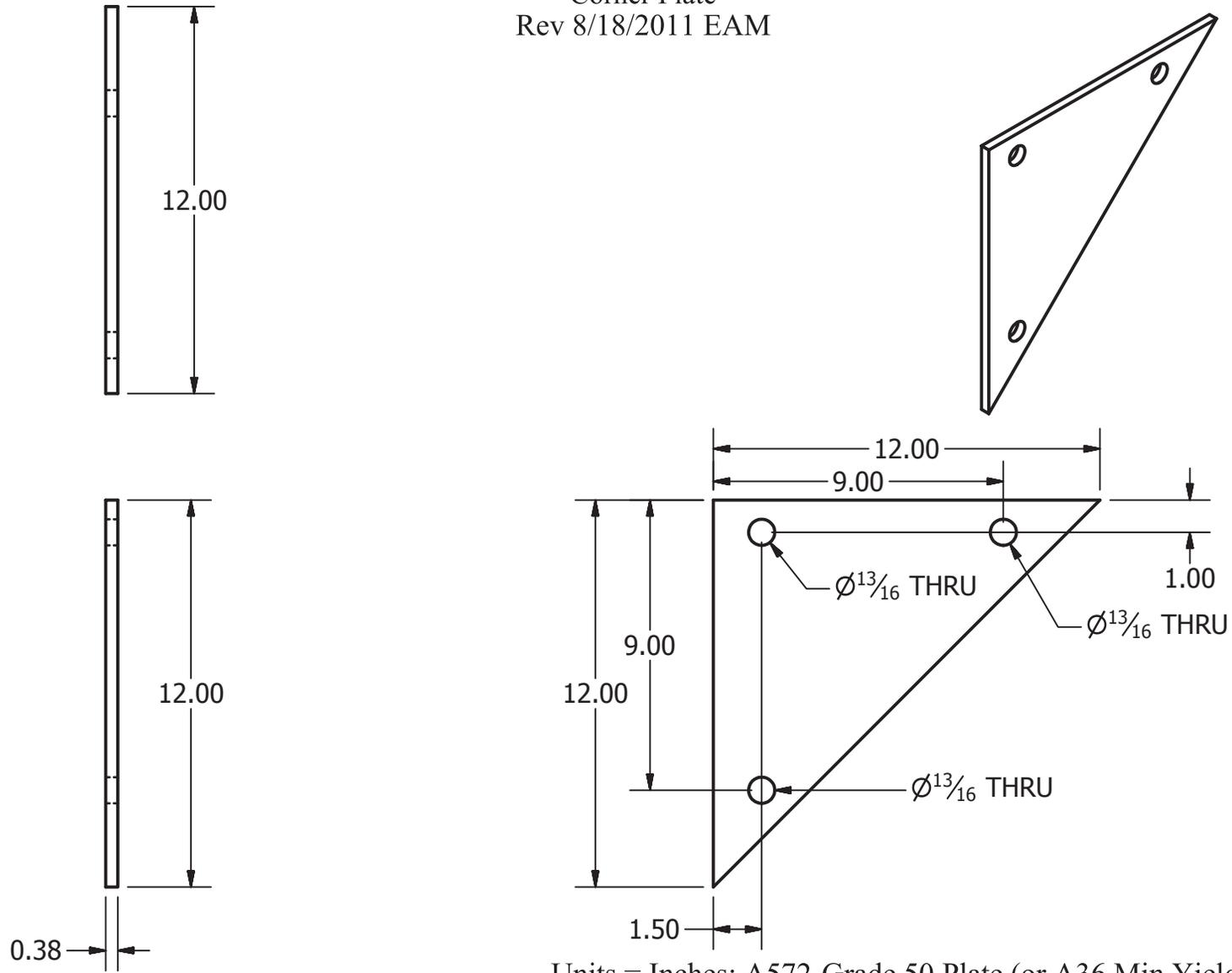
Cross Bar
Rev 8/18/2011 EAM



Units = Inches: ASTM A500 Tubing

Ford 4000 Part #10

Corner Plate
Rev 8/18/2011 EAM

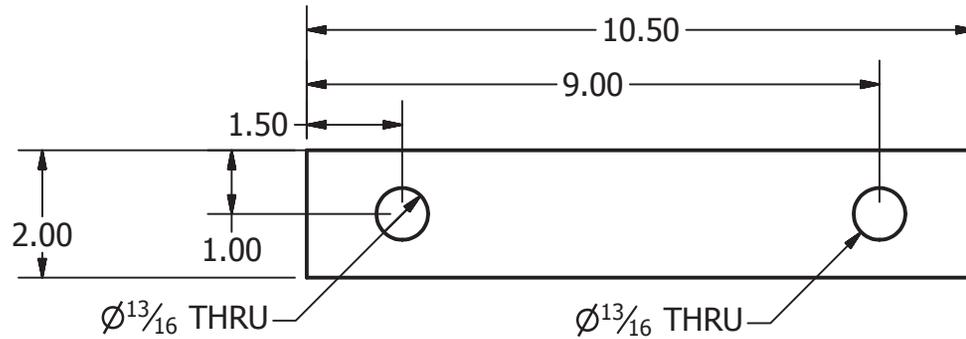
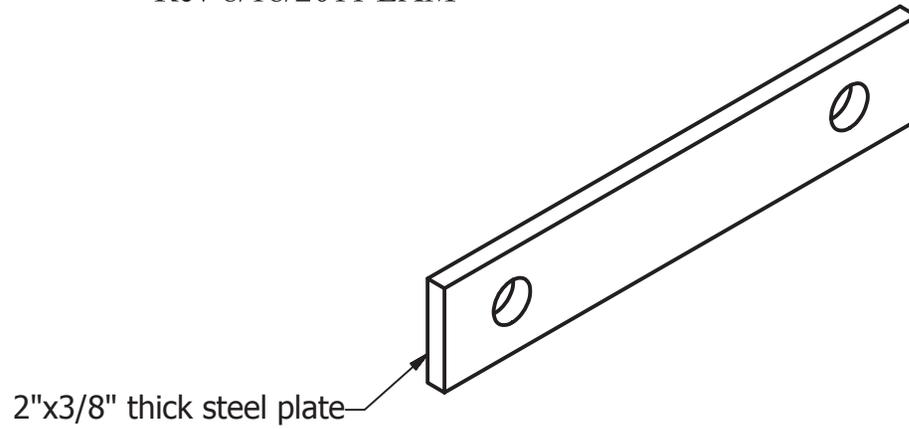
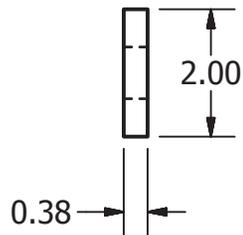
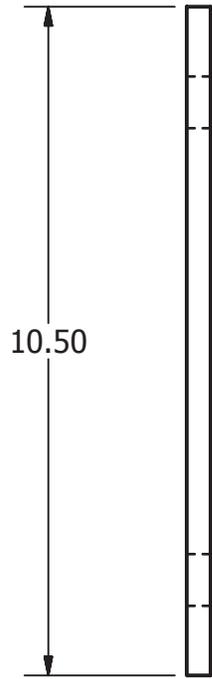


Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 4000 Part #11

Top Vertical Tube Backing Plate

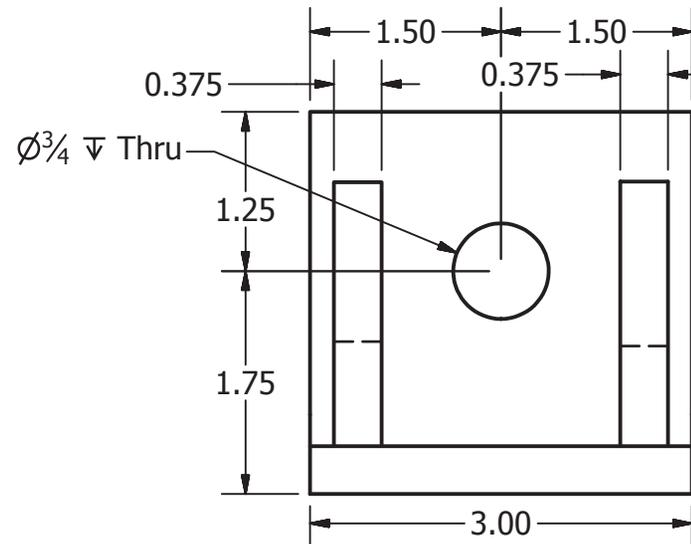
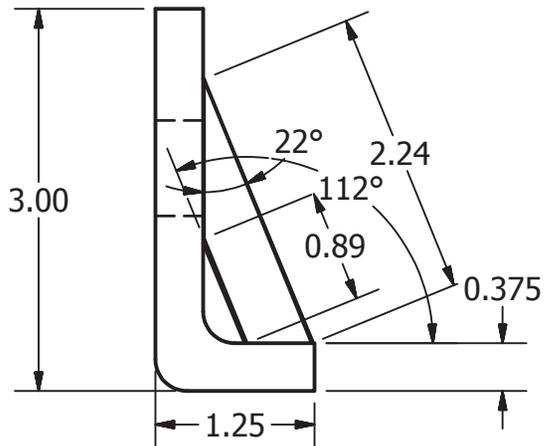
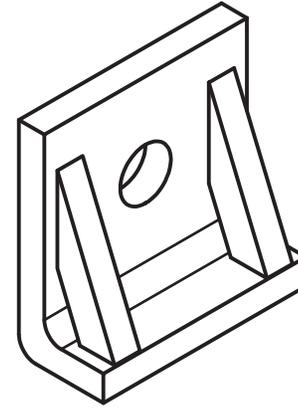
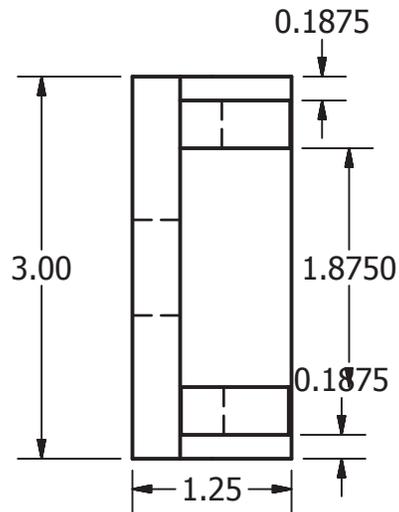
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Units = Inches: A572-Grade 50 Plate (or A36 Min Yield of 50)

Ford 4000 Part #12

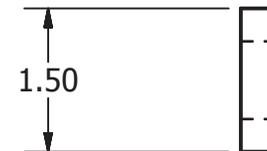
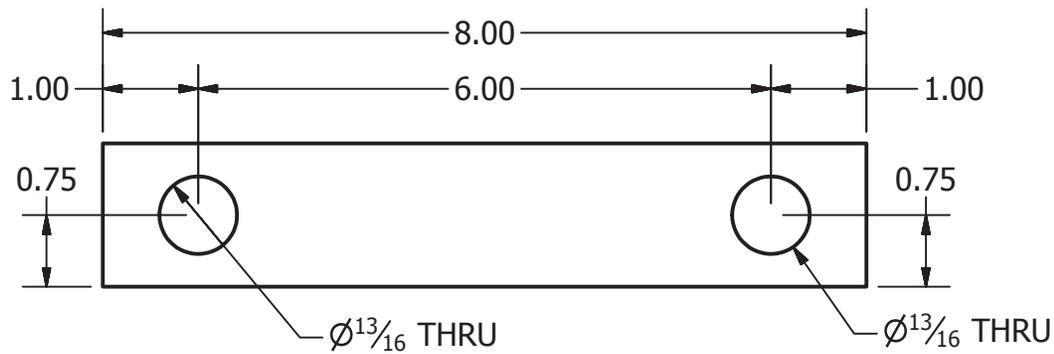
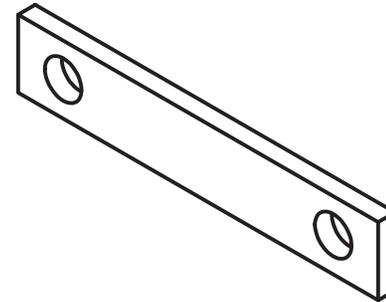
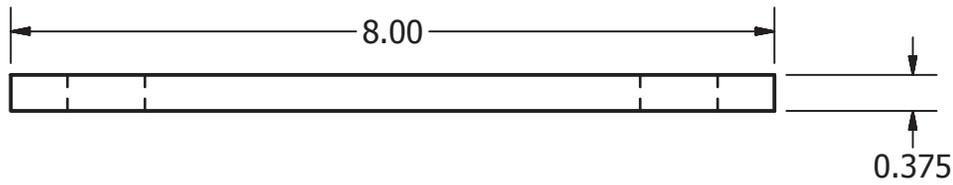
Vertical Tube Welded Brace
Rev 8/18/2011 EAM



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

Ford 4000 Part #13

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



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