

Roof Stand Detail for Ductwork

End View

2" wide flat bar $\frac{1}{8}$ " thick.
Craddle for ductwork

Diameter of
Duct plus $\frac{1}{4}$ "

Weld craddle
to sq. tubing

Hardware BOM per Duct Stand

Bolt: $\frac{3}{8}$ " x 1.25" long 10 pcs

Bolt: $\frac{3}{8}$ " x 4" long 10 pcs

Nut: $\frac{3}{8}$ " grade 5 20 pcs

Washer: $\frac{3}{8}$ " 30 pcs

Lock Washer: $\frac{3}{8}$ " 20 pcs

$\frac{3}{8}$ " Spring Nut 10 pcs

Side View

Corner piece
2" Sq. tubing

Bolt Holes
 $\frac{1}{2}$ " diameter

Center piece
2" sq. tubing
4" long

1 $\frac{5}{8}$ " Unistrut.
Cut to length.

Corner piece
2" Sq. tubing

$\frac{3}{8}$ " dia. bolt
4" long

outside

Roof Line

inside

$\frac{3}{8}$ " dia. bolt
4" long

Top Plate

Bottom Plate

$\frac{1}{8}$ " thick plate:
5" by 8" with
holes in the corners

Leg piece
2" Sq. tubing

1 $\frac{5}{8}$ " Unistrut
slotted

$\frac{3}{8}$ " dia. bolt
1.25" long

$\frac{3}{8}$ " Spring
Nut

Roof Line

Top Plate

Bottom Plate

Industrial Air Quality

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IAQ

Project: Paulo Products

Drawing: Roof Stand

Date: 5/8/09 Drawn by: RAV

Sheet No: