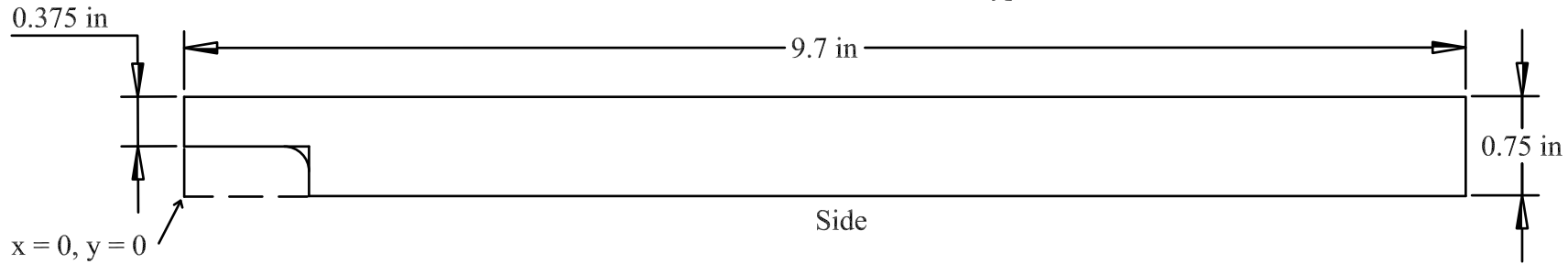


NOT TO SCALE

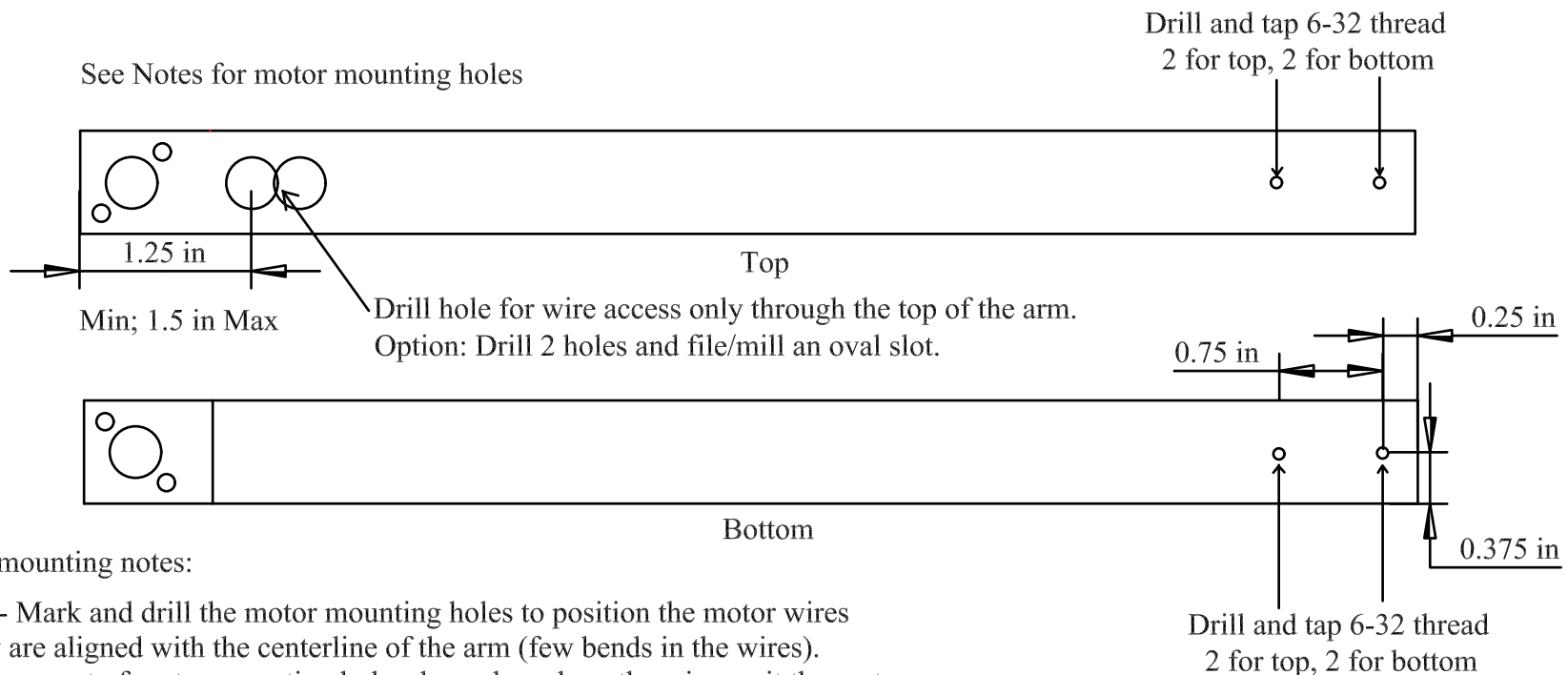
Multicopter arm stock material is 0.75 inch x 0.75 inch aluminum  
Wall thickness is 0.060 inch typical



Cut in two places to remove a section to provide access to the motor mounting screws.

Make a 0.375" deep cut at 0.95" on the x axis, and a 0.95" deep cut at 0.375" on the y axis.

Optional -- For a smoother radius, first drill a 3/8" hole through both sides of the arm, centered at  $x=0.76$ " and  $y=0.19$ ".



Motor mounting notes:

Note 1- Mark and drill the motor mounting holes to position the motor wires so they are aligned with the centerline of the arm (few bends in the wires).

The placement of motor mounting holes depends on how the wires exit the motor.

If the screw heads are too close to the tubing wall, relief cuts may be needed.

Another option is to offset the wires to allow screw head clearance.

Note 2 - Holes for the motor shaft and wire access are 0.375"

Note 3 - Motor mounting holes are typically 0.125" diameter.

Check your motor specifications before drilling.

Note 4 - The wire access hole should be determined with your motor.

Tip: If provided, use 'cross shaped' motor mount as template for drilling

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Wide-Body Multicopter Arm - V1.1  
Doug Starwalt 30 JUN 2013