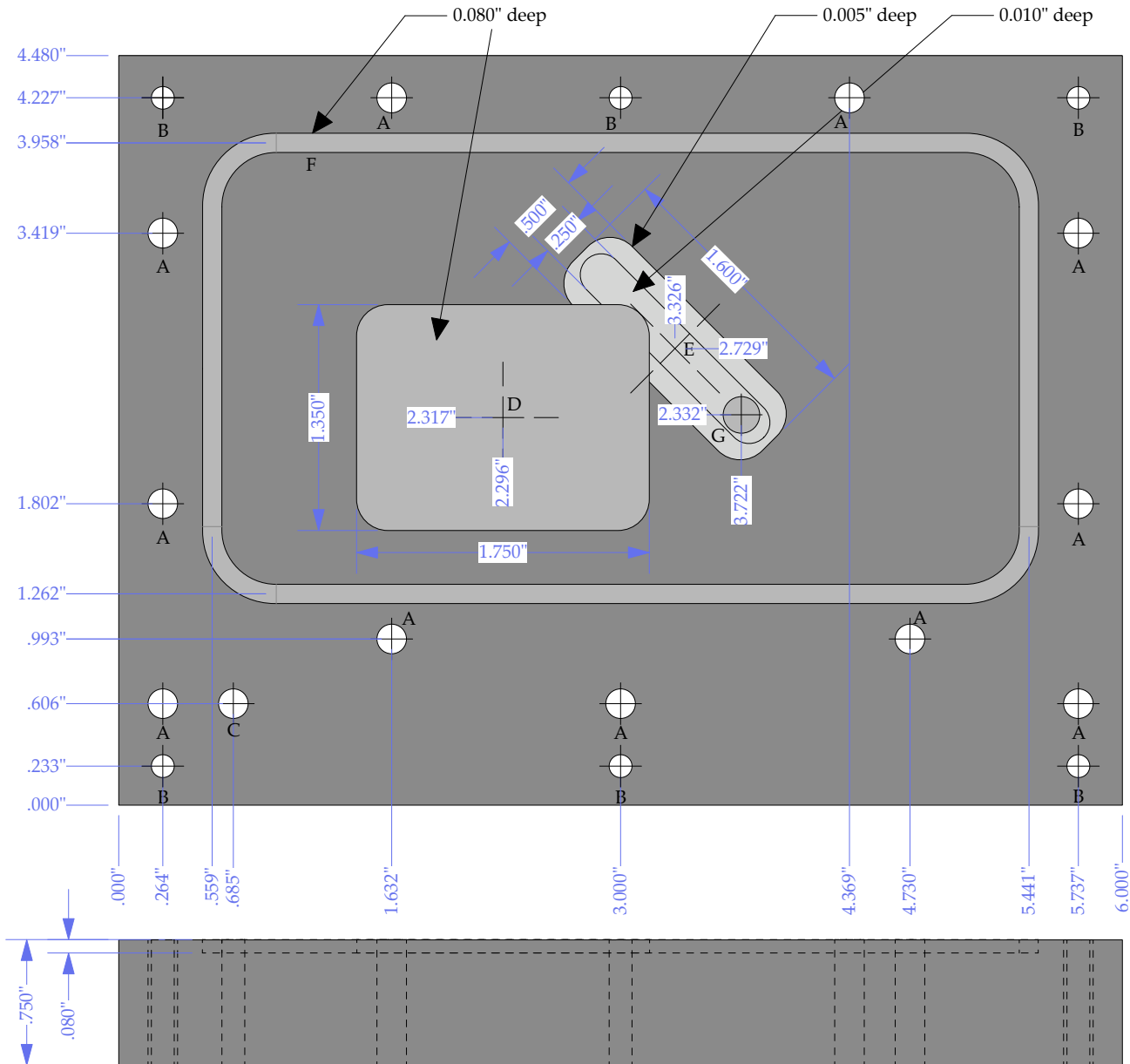


**TOP VIEW**



**FRONT VIEW**

**NOTES:**

- A: 8-32 clearance through part ( $\varnothing 0.177''$ ), for mounting lids to main cavity.
- B: 8-32 tapped through part, for mounting lower lid to baseplate.
- C:  $\varnothing 0.177''$  hole through part.
- D:  $1.750'' \times 1.350'' \times 0.080''$  deep rectangular hole with  $\varnothing 3/8''$  fillets, and centered as shown. Dimensions not critical.
- E:  $1.600'' \times 0.500'' \times 0.005''$  deep rectangular hole with  $\varnothing 3/8''$  fillets, inset with a  $1.500'' \times 0.250'' \times 0.010''$  deep rectangular hole with  $\varnothing 1/4''$  fillets, rotated  $45^\circ$  relative to rest of part, and centered as shown. Dimensions not critical. (Inset border to be used to align grating arm.)
- F:  $0.115''$  wide flat-bottom channel,  $0.080''$  deep, oriented as shown. Channel is for a  $3/32''$  thick,  $4.5''$  inner diameter O-ring.
- G:  $\varnothing 7/32''$  flat-bottom hole,  $0.055''$  deep, for a  $1/16''$  thick,  $5/64''$  inner diameter O-ring.

**ADDITIONAL NOTES:**

1. Material is 6061-T6 aluminum. Starting block is 4.48" x 6" x 0.75".
2. Standard tolerance is 0.005" unless otherwise noted.

## UNIBODY LITTROW LASER -- CAVITY LIDS

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2/24/10