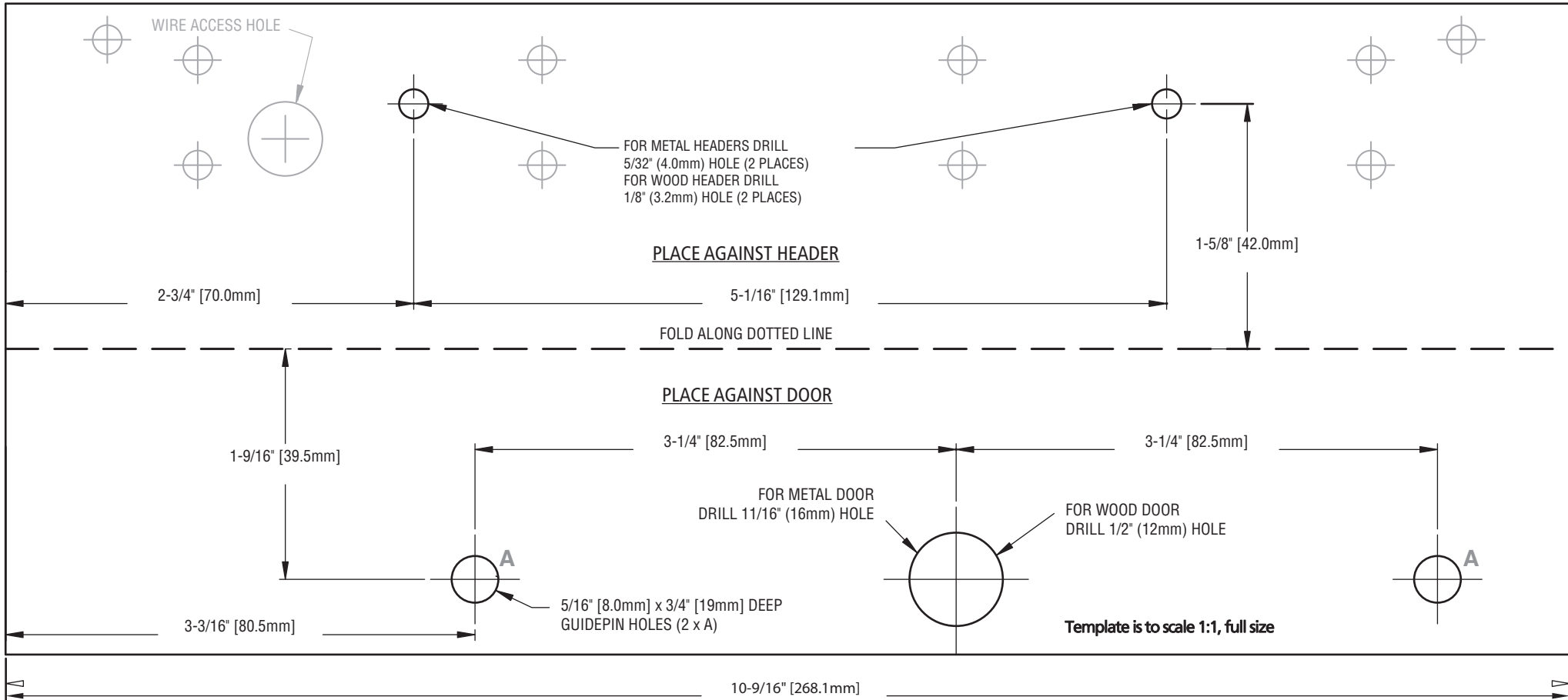


# TEMPLATE FOR BML-DE8310 BASE MODEL



## MOUNTING INSTRUCTIONS FOR BML-DE8310 DELAYED EGRESS BASE MODEL

Installation of this product should be done by an experienced installer with knowledge of this product.

Step 1a) **Read Pre-Installation Instructions A89095.**

Step 1b) **Prepare Door & Frame**  
Fold template on dotted line above.  
Place against closed door and header with allowance for Allen key clearance from the edge.  
Drill the 3 holes in the door and 2 holes in the header as indicated.

NOTE: Different hole sizes required for the different materials.  
Do not use as a doorstop. This will void warranty.

Step 1c) **Mount Armature Plate**  
Position bolt with rubber head through the armature plate.  
Add 3 washers (steel - rubber - steel) onto bolt.  
Carefully apply thread locking compound to exposed thread.

Step 1d) **Mount Electromagnetic Lock**  
Remove anti-tamper and cavity screw from front of lock.  
Remove electromagnetic lock from mounting bracket by loosening captive screws and sliding off keyholes.  
Attach bracket to header with the 2 roundhead screws provided through the slots.

NOTE: Do not over tighten these screws as the bracket may need adjustment.  
Slide electromagnetic lock onto mounting bracket keyholes.  
Engage 1 captive screw at each end through bottom to fix lock position on bracket.  
Adjust alignment to ensure full contact of magnet with armature plate.

While aligning pins secure armature plate to door by threading into sexnut.  
NOTE: Do not over tighten armature plate. It must remain moveable to allow surface alignment with Electromagnetic Lock face.

Carefully remove electromagnetic lock without shifting mounting bracket.  
Secure mounting bracket in position with the 11 TEK™ screws.  
Drill 1/2" (13mm) wire access hole using mounting bracket as a guide. Tip the electromagnetic lock to expose the 4 captive mounting screws.  
Carefully apply thread locking compound to exposed threads.  
Slide the electromagnetic lock onto mounting bracket keyholes.  
Secure with 4 captive mounting screws.

When properly installed, the ends of the armature plate allow a slight movement but the plate will feel secure when grasped at the bolt.  
There should be no movement to the mounting bracket or housing of the electromagnetic lock.

**WARNING** It is the responsibility of the installer to ensure that Switch settings comply with local Fire, Building and Life Safety Codes. All installations must be approved by the local Authority Having Jurisdiction (AHJ). See Installation Instructions.