

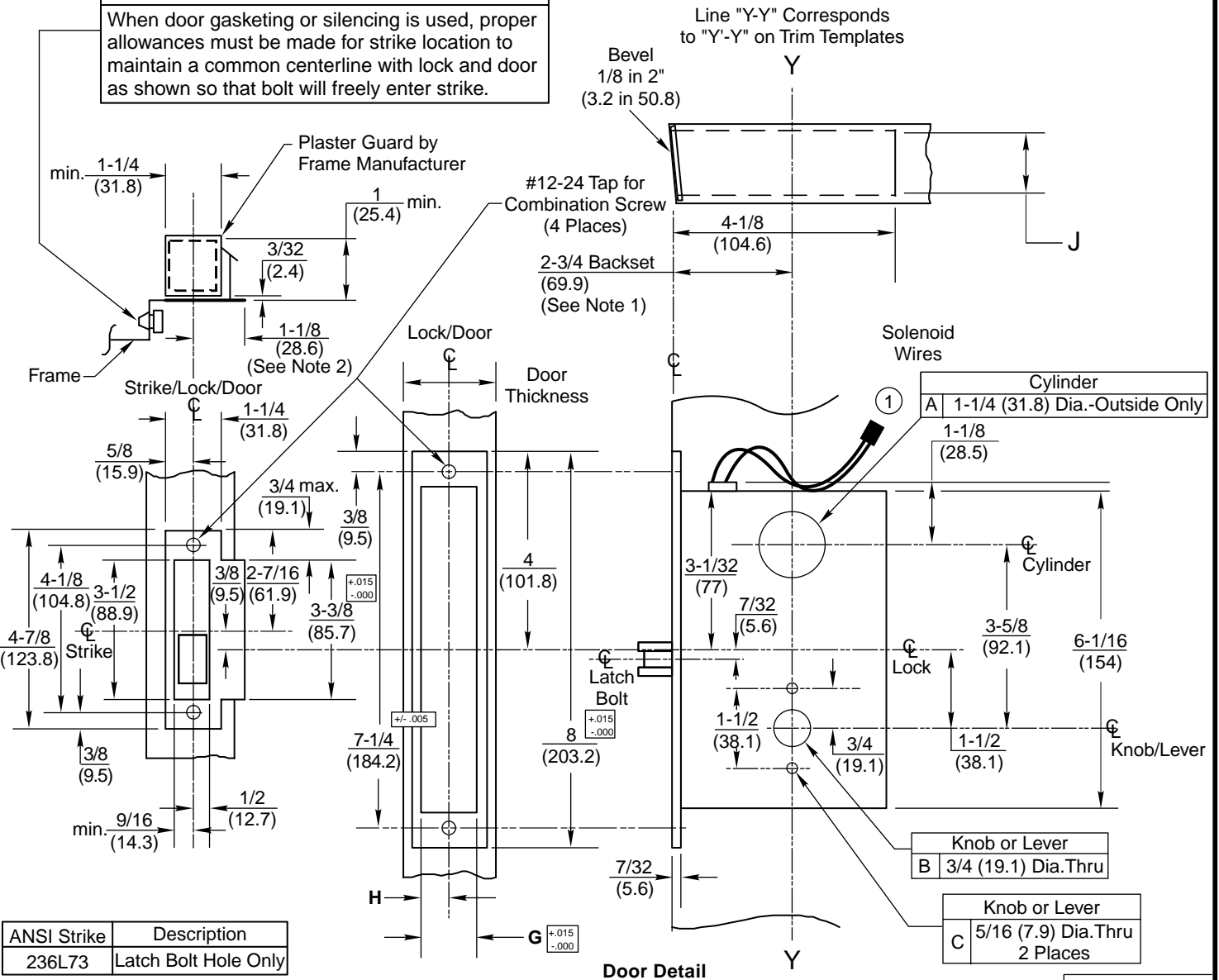
**NOTES:**

1. Backset is measured from centerline of bevel which is the centerpoint of the door thickness.
2. 1-1/8" (28.8) Strike Lip suits frame for 1-3/4" (44.5) thick door. Lip will vary for other door thicknesses.
3. For preparation of trim, refer to separate template.
4. Dimensions given in inches and (mm).
5. Door fabricator to provide a 3/4" (19) diameter (minimum) raceway <sup>①</sup> through door to allow the insertion of electrical wires running between the lock mortise and electric hinge.

Series Functions	Required Holes		
	A	B	C
ML20901 ML20903 ML20904 ML20905	●	●	●
ML20910 ML20920 ML20930 ML20940		●	●

**CAUTION: DOOR & FRAME MANUFACTURERS**

When door gasketing or silencing is used, proper allowances must be made for strike location to maintain a common centerline with lock and door as shown so that bolt will freely enter strike.



ANSI Strike	Description
236L73	Latch Bolt Hole Only

Cylinder	
A	1-1/4 (31.8) Dia.-Outside Only

1-1/8 (28.5)
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3-1/32 (7.7)
7/32 (5.6)
3-5/8 (92.1)
6-1/16 (154)

Knob or Lever	
B	3/4 (19.1) Dia. Thru

Knob or Lever	
C	5/16 (7.9) Dia. Thru 2 Places

G	H	J	Door Thickness
1-1/4 (31.8)	5/8 (15.9)	1-1/16 (27)	1-3/4 min. (44.5) STD
1-1/16 (27)	17/32 (13.5)	1-1/32 (26.2)	1-3/8 min. (34.9) OPT

Tolerances	
Inches	(mm)
.005	(.127)
.015	(.381)

**RESPONSIBILITY**

Door and Frame Manufacturers are responsible for providing adequate construction or reinforcements for proper installation of hardware shown. All architectural builders hardware must be installed on properly reinforced doors and frames, regardless of the type, material, or method of construction.

**ML20900 ECL Series**

Fail Secure	Fail Safe
ML20930	ML20910
ML20940	ML20920
ML20904	ML20901
ML20905	ML20903

Solenoid Operated Mortise Lock



Do Not Scale Drawing

Supersedes	T30970	Dr.	App.
Date	06/04	Template Number	T30970-1