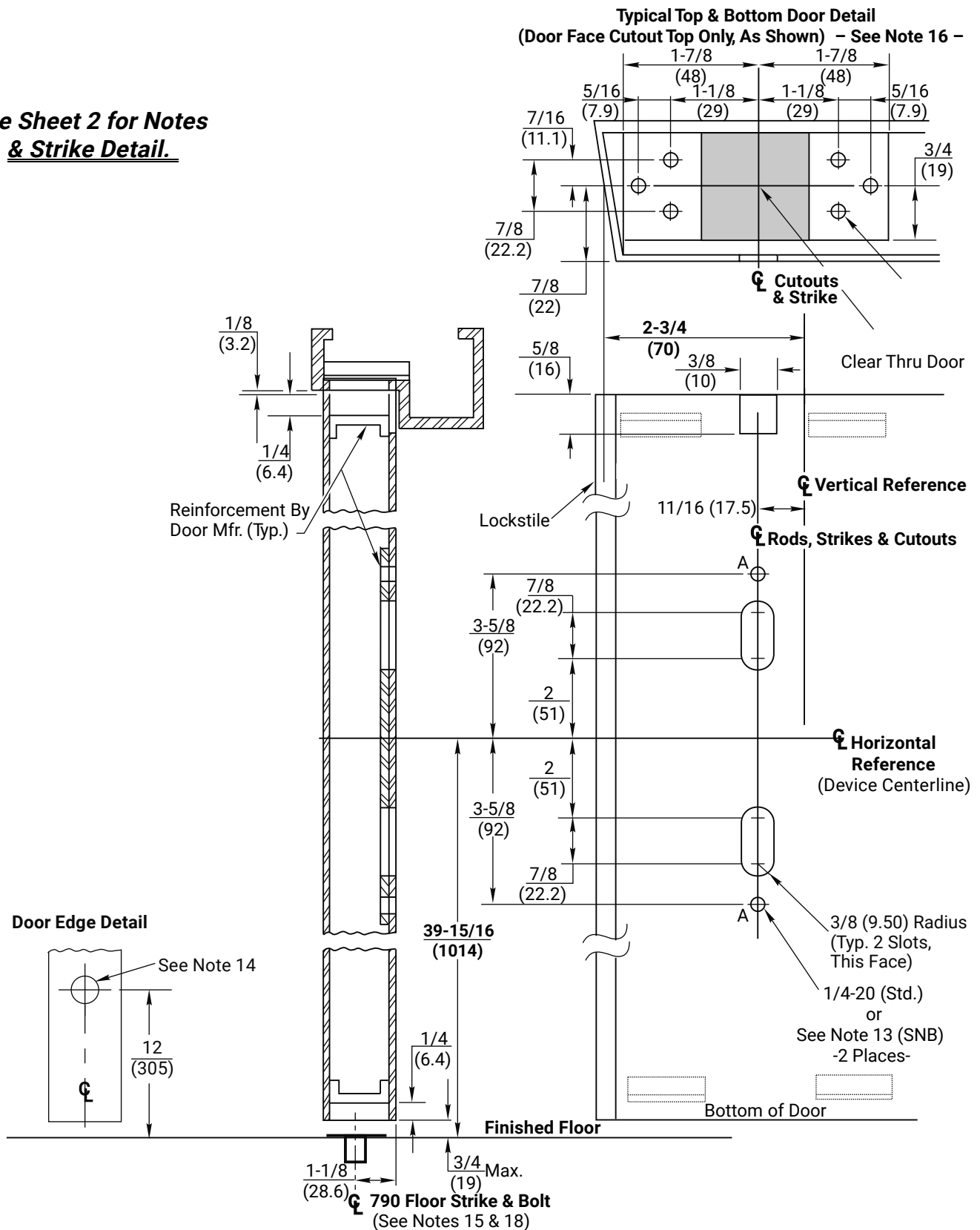


**See Sheet 2 for Notes
& Strike Detail.**



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 TYPE, MATERIAL, OR METHOD OF CONSTRUCTION.

6160 (F90) (LBR), 7160 (F90) (LBR) Series
Concealed Vertical Rod Exit Devices
Standard Application for Metal Door and Frame;
761 Top Strike and 790 Floor Strike
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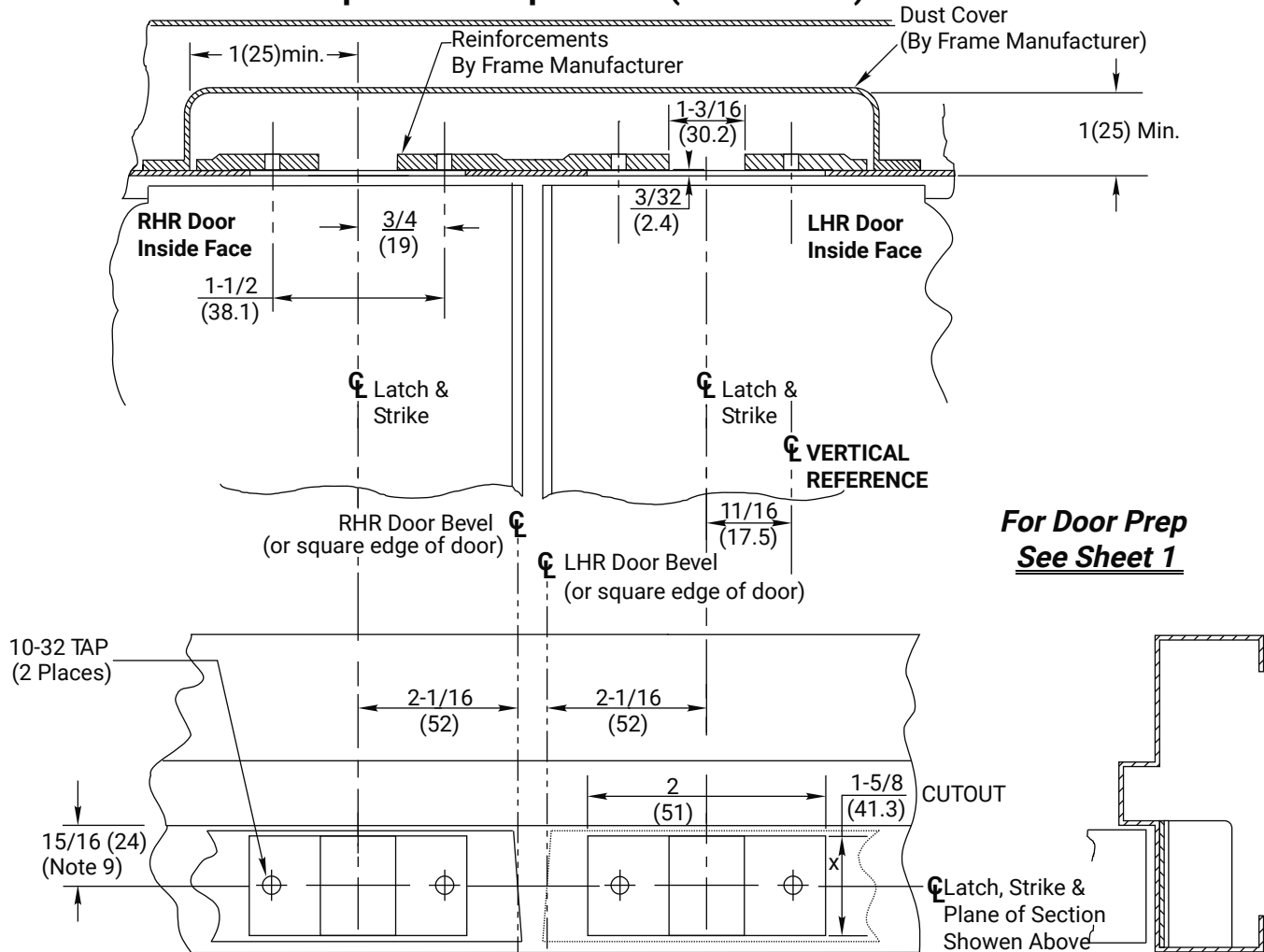
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SUPERSEDES 7470-0060 05/24	DO NOT SCALE DRAWING	
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761 Top Strike Preparation (See Note 6)



**For Door Prep
See Sheet 1**

Notes:

- Do not scale drawing.
- Dimensions are in inches (mm).
- Preparation is typical for both hands.
- Minimum door stile width: 4-1/2 (114).
- Prepare mounting holes when installing the device.
- Drawing shows elevation (frame bisected on strike center), bottom view looking up and side view.
- Provide adequate structural support to maintain door integrity after device installation with power tools, door use, or abuse.
- For recommended door reinforcements see template 7400-0000.
- Door located in frame for door silencers. If not used, compensate this dimension to seat the door against the stop without rattle.
- Device mount to hinge stile (not shown) requires hole location and preparation during device installation.
- For outside trim preparation see appropriate trim template.
- For electrical devices (suffixes "-B", "-G", "-O", "-P", "-S", or MELR) also see template 7477-0001.
- Holes for optional SNB (Required for unreinforced doors):
9/32 (7.00) dia., inside door face;
3/8 (9.50) dia., outside door face.
- Only for 6160F90-LBR, 6160F90-10LBR, 7160F90-LBR & 7160F90-10LBR in door pairs:
Reinforce door as needed for heat activated interlocking bolt. See template 7470-1700.
- 5/8 (16.00) dia. x 3/4 (19) deep hole in floor, required.
- For "LBR" suffix, omit bottom door prep, and floor strike.
- Maximum thickness 5/32 (4.0) when outside escutcheon trim is used.
- Bottom bolt should retract to 1/8 (3.2) above floor strike. Floor coverings in the door path must be laid accordingly.

RESPONSIBILITY

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SUPERSEDES 7470-0060 05/24

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DATE

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