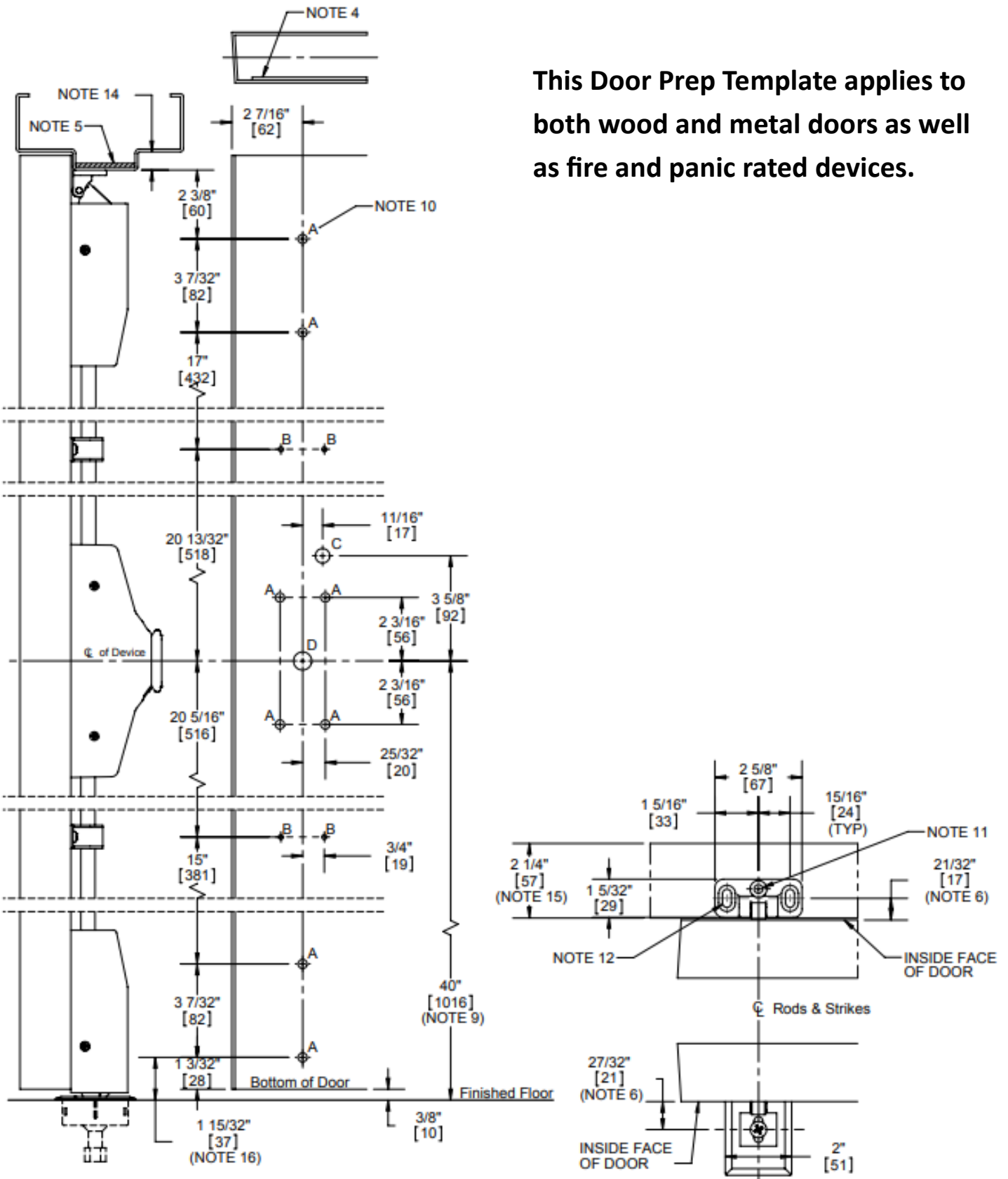


This Door Prep Template applies to both wood and metal doors as well as fire and panic rated devices.



This Door Prep Template applies to applications for both wood and metal doors as well as fire and panic rated devices.

Notes:

1. LHR Door shown. Preparation is typical for both door hands.
2. Minimum Stile width:
 - i. 4-7/8" for double doors.
 - ii. 5-3/8" for single doors with standard 5/8" stop.
 - iii. 5-3/4" for double doors with 2" mullion.
3. Prepare mounting holes when installing the device.
4. Provide door stiffeners as needed to prevent door collapse due to installation with power tools, door use, or abuse.
5. Provide frame stiffeners as needed for top strike. Unreinforced frames require blind rivet nuts (by others) to mount the strike.
6. Dimension from door face.
7. Device mount (end cap bracket) to hinge stile (not shown) requires hole location and preparation during device installation.
8. For outside trim preparation, see appropriate trim template.
9. Recommended height may be determined by design specs.
10. Screw size and installation detail (see letters "A" thru "D" on the drawing to identify the hole and hole location)
 - A. Device mounting holes (4 places)
 - i. Metal door: 1/4"-20 tap (Std.)
 - ii. Wood door (solid core): Pre-drill \varnothing 1/8" holes.
 - iii. SNB: \varnothing 5/16" inside door face, \varnothing 3/8" outside door face.
 - iv. Trim: \varnothing 5/16" inside door face, \varnothing 1/2" outside door face.
 - v. Check building and fire codes to see if your application requires the use of SNB (sleeve nuts and bolts).
 - B. Rod guide mounting holes (4 places):
 - i. Metal Door: #8-32 Tap (Std.)
 - ii. Wood Door (solid core): Predrill 1/8" holes.
 - C. \varnothing 1/2" thru-hole is required if using the electric trim (45ET).
 - D. Trim Tailpiece hole:
 - i. For BE, CE, and ET trim: \varnothing 5/8" (thru hole)
 - ii. Dummy Trim: not required
 - iii. Night Latch trim: See template for details.
11. This hole MUST be field located using the physical part as a template, after installation is complete and device is fully operational.
12. Strike mounting holes (2 places):
 - i. Metal door: 1/4"-20 Tap (Std.)
 - ii. Wood door: Pre-drill \varnothing 1/8" holes.
13. Reference ANSI/SDI A250.8 for door and frame clearances:
 - i. Maximum of 1/8" is typical for single swing and pairs of doors.
 - ii. The meeting edges of pairs of doors:
 - Standard is $3/16 \pm 1/16$ ".
 - Fire-Rated pair is $1/8" \pm 1/16$ ".
 - iii. Consult design specs before preparing doors.
14. 5/8" typical for hollow metal frames, 1/2" typical for wood frames. Consult design specs before preparing doors.
15. Minimum stop width is 1-3/8" for proper top strike installation.
16. Hole location measured from finished floor or top of threshold.
17. For use with astragals or meeting stiles, adjust the backset as needed.