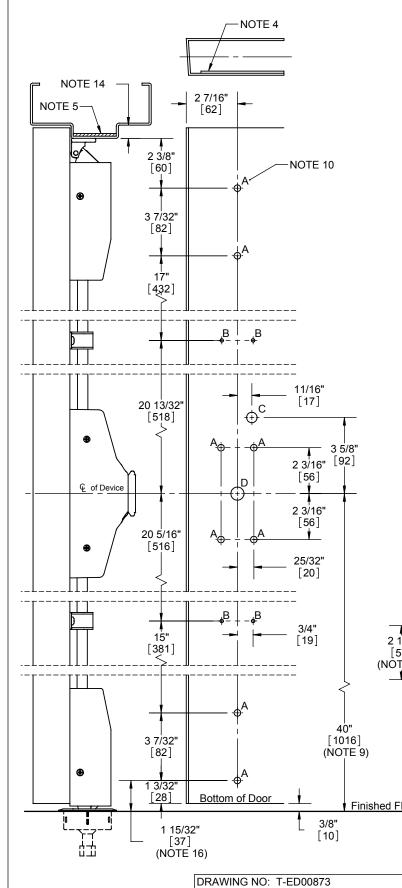
4500 SVR DEVICE DOOR PREP TEMPLATE APPLICATION FOR METAL AND WOOD DOORS (FOR PANIC AND FIRE RATED DEVICES)



NOTES:

- 1. LHR door shown. Preparation is typical for both door hands.
- 2. Minimum Stile width: 4 7/8" for double doors. 5 3/8" for single doors with standard 5/8" stop. ii.
 - 5 3/4" for double doors with 2" mullion. iii.
- 3. Prepare mounting holes when installing the device.
- Provide door stiffeners as needed to prevent door collapse due 4 to installation with power tools, door use, or abuse.
- Provide frame stiffeners as needed for top strike. Unreinforced 5. 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 spec's.
- 10. Screw sizes and installation detail (see letters "A" thru "D" on the drawing to identify the hole and hole location): Α.

 - i. Metal door: 1/4"-20 Tap (std.). i. Metal door: 1/4"-20 Tap (std.). ii. Wood door (solid core): Pre-drill \emptyset 1/8" holes. iii. SNB: \emptyset 5/16" inside door face, \emptyset 3/8" outside door face. iv. Trim: \emptyset 5/16" inside door face, \emptyset 1/2" outside door face. ٧.
 - Check building and fire codes to see if your application requires the use of SNB (sleeve nuts and bolts).
 - в Rod guide mounting holes (4 places):
 - Metal door: #8-32 Tap (std.). Wood door (solid core): Pre-drill \emptyset 1/8" holes. ii
 - A ϕ 1/2" thru-hole is required if using the electric trim (45ET). D.
 - Trim Tailpiece hole
 - For BE and CE trim: ϕ 5/8" (thru hole) Dummy trim: not required ii.
 - Night Latch trim: See template T-ED00344 for details. iii.
- 11. This hole MUST be field located using physical part as 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 Ø 1/8" holes.
- 13. Reference ANSI/SDI A250.8 for door and frame clearances:
 - 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" ± 1/16".
 Fire rated pair is 1/8" ± 1/16".
 - iii Consult design spec's before preparing doors.
- 14. 5/8" typical for hollow metal frames, 1/2" typical for wood frames. Consult design spec's 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.

