**990 Trim or Sex Bolt (see note 1) Application**

- 1/4" Dia. this side
- 13/32" Dia. opposite side
- 4 places

**Surface Application**

- #25 Drill
- #10-24 Tap
- 4 places

**Note 1:** These 4 holes to be prepared for surface application (#10-24 tap) when using 696/697 trim. Do not prepare for sex bolts.

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**Inside face of lock stile LHR door**

- 1" Dia.
- 7/8" Dia.
- 3/8" depth of hole

**Fire Latch Strike Door Leaf**

- 6" from bottom of door

**Fire Latch Assembly Door Leaf**

- 3/8" depth of hole

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**Device & Latch Case**

- Min. Latch Case Width
- 1 1/8"
- #10-24 tap
- 4 holes
- 1/4"
- 7/64" to finished floor

**LHR SHOWN**

- 1/4" Dia.
- 82° Csk to 3/4" Dia.
- Inside Face Only
  - (this hole is positioned to the left of centerline for both RHR and LHR)

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**Reinforcing Required**

- Frame at top
- Stop Height

**RHR**

- (same cutout and hole orientation as LHR)

- This hole is positioned to the left of centerline for both RHR and LHR

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**98/9949-F-LBL SERIES**

**CONCEALED VERTICAL DEVICE**

**NOTE:** SEE MASTER SHEET NO. 10001 FOR SUGGESTED REINFORCING

**TEMPLATE NUMBER:** 24176703_d  **DATE:** 8-29-19

**VON DUPRIN®**