For Notes & Frame Prep
See Sheet 2

DOOR SPECIFICATION

Door Thickness: 1-3/4" (45mm) Min.

Door Construction: Wood or composite door with fire or panic rating as required. Door may require metal channel edge which may alter backset dimensions. Consult door manufacturers listings.

Exit Device Ratings:
7160W-LBR, 7165W-LBR, Panic Exit Door up to 4' x 8'
7160FW90-LBR, 90 Minutes rated Fire Exit Door up to 4' x 8'
7160W-LBR-10, 7165W-LBR-10, Panic Exit Door up to 4' x 10'
7160FW90-LBR-10, 90 Minutes rated Fire Exit Door up to 4' x 10'

1/8 (3)
4-1/2 (114)
1/4 (6)
7/8 (22)
1-7/16 (36.5)
1/2 Thru Door (13)

Latch

Vertical Reference

Rods, Strikes & Cutouts

Horizontal Reference

INSIDE FACE OF DOOR

11/16 (17.5)

3/8 (9.50) R Typ. (2 Slots, This Face)

3/8 (9.50) Thru Door (2 Places)

Finished Floor

1/4(6) Recommended
3/4(Maximum)

7160 (F90) LBR Series
7160FW90-LBR-10, 7165W-LBR, 7165W-LBR-10
Concealed Vertical Rod Exit Devices
Application for Wood Door & Metal Frame Less Bottom Rod

Yale Commercial Locks and Hardware
www.yalecommercial.com

Printed in U.S.A. 7470-1065

DATE
SHEET
6-06
761 Top Strike Preparation (See Note 6)

Notes:

1. Do not scale drawing.
2. Dimensions are in inches (mm).
3. Preparation is typical for both hands.
5. Prepare mounting holes when installing the device.
6. Drawing shows elevation (frame bisected on strike center), bottom view looking up and side view.
7. Provide adequate structural support to maintain door integrity after device installation with power tools, door use, or abuse.
8. Door located in frame for door silencers. If not used, compensate this dimension to seat the door against the stop without rattle.
9. Device mount to hinge stile (not shown) requires hole location and preparation during device installation. Door structural requirements are similar for both stiles.
10. For outside trim preparation see appropriate trim template.
11. For electrical devices (suffixes ",-B", ",-G", ",-O", ",-P", ",-S") also see template 7477-0001.
12. For labeled door pairs only.
   Reinforce door as needed for heat activated interlocking bolt. See template 7470-1700.
13. Door structure as required for heat activated interlocking bolt. 1-1/2 square 16 ga. plate recommended.